

Table 1. World total revenue traffic — international and domestic
(scheduled services, 2007–2016)

| Year | Passengers | | Passenger-km | | Freight tonnes | | Freight tonne-km | | Mail tonne-km | | Revenue tonne-km | |
|------|------------|-------------------|--------------|-------------------|----------------|-------------------|------------------|-------------------|---------------|-------------------|------------------|-------------------|
| | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % |
| 2007 | 2 462 | 8.8 | 4 513 096 | 8.2 | 41.4 | 6.2 | 172 844 | 4.8 | 4 418 | -0.6 | 593 269 | 6.6 |
| 2008 | 2 498 | 1.5 | 4 603 257 | 2.0 | 40.0 | -3.2 | 171 183 | -1.0 | 4 916 | 11.3 | 603 062 | 1.7 |
| 2009 | 2 488 | -0.4 | 4 554 781 | -1.1 | 39.7 | -0.8 | 155 988 | -8.9 | 4 647 | -5.5 | 577 180 | -4.3 |
| 2010 | 2 705 | 8.7 | 4 917 070 | 8.0 | 47.3 | 19.2 | 186 833 | 19.8 | 4 884 | 5.1 | 644 962 | 11.7 |
| 2011 | 2 870 | 6.1 | 5 240 510 | 6.6 | 48.3 | 2.2 | 187 393 | 0.3 | 5 035 | 3.1 | 676 965 | 5.0 |
| 2012 | 3 004 | 4.6 | 5 520 842 | 5.3 | 47.7 | -1.4 | 185 439 | -1.0 | 5 225 | 3.8 | 700 580 | 3.5 |
| 2013 | 3 138 | 4.5 | 5 824 084 | 5.5 | 48.7 | 2.3 | 186 176 | 0.4 | 5 619 | 7.5 | 730 315 | 4.2 |
| 2014 | 3 316 | 5.7 | 6 172 191 | 6.0 | 50.3 | 3.3 | 194 844 | 4.7 | 6 111 | 8.8 | 773 135 | 5.9 |
| 2015 | 3 556 | 7.2 | 6 635 006 | 7.5 | 50.6 | 0.5 | 197 344 | 1.3 | 6 587 | 7.8 | 820 368 | 6.1 |
| 2016 | 3 796 | 6.8 | 7 124 350 | 7.4 | 52.6 | 4.0 | 204 895 | 3.8 | 6 764 | 2.7 | 872 361 | 6.3 |

Source.— ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 2. World revenue traffic — international
(scheduled services, 2007–2016)

| Year | Passengers | | Passenger-km | | Freight tonnes | | Freight tonne-km | | Mail tonne-km | | Revenue tonne-km | |
|------|------------|-------------------|--------------|-------------------|----------------|-------------------|------------------|-------------------|---------------|-------------------|------------------|-------------------|
| | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % | (millions) | Annual increase % |
| 2007 | 890 | 10.5 | 2 732 895 | 8.6 | 24.4 | 6.3 | 146 273 | 5.0 | 3 046 | 4.9 | 403 491 | 6.6 |
| 2008 | 924 | 3.9 | 2 817 584 | 3.1 | 24.2 | -0.9 | 145 050 | -0.8 | 3 235 | 6.2 | 410 450 | 1.7 |
| 2009 | 936 | 1.3 | 2 781 644 | -1.3 | 23.6 | -2.3 | 132 284 | -8.8 | 3 216 | -0.6 | 394 446 | -3.9 |
| 2010 | 1 036 | 10.6 | 3 018 229 | 8.5 | 30.5 | 29.2 | 161 104 | 21.8 | 3 421 | 6.4 | 447 737 | 13.5 |
| 2011 | 1 124 | 8.5 | 3 248 212 | 7.6 | 31.4 | 2.8 | 161 765 | 0.4 | 3 496 | 2.2 | 470 707 | 5.1 |
| 2012 | 1 191 | 6.0 | 3 447 426 | 6.1 | 30.9 | -1.6 | 159 497 | -1.4 | 3 628 | 3.8 | 486 774 | 3.4 |
| 2013 | 1 253 | 5.2 | 3 644 113 | 5.7 | 31.6 | 2.2 | 159 984 | 0.3 | 3 948 | 8.8 | 506 473 | 4.0 |
| 2014 | 1 333 | 6.4 | 3 870 543 | 6.2 | 32.7 | 3.6 | 167 873 | 4.9 | 4 335 | 9.8 | 537 296 | 6.1 |
| 2015 | 1 437 | 7.7 | 4 158 958 | 7.5 | 33.0 | 0.8 | 170 175 | 1.4 | 4 637 | 7.0 | 568 111 | 5.7 |
| 2016 | 1 553 | 8.1 | 4 481 293 | 7.8 | 34.3 | 3.9 | 176 510 | 3.7 | 5 011 | 8.1 | 604 227 | 6.4 |

Source.— ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Presentation of 2016 Air Transport Statistical Results

Table 3. Trends in load factors — international and domestic
(scheduled services, 2007–2016)

| Year | Passenger- km (millions) | Seat-km available (millions) | Passenger load factor % | Freight tonne-km (millions) | Mail tonne-km (millions) | Revenue tonne-km (millions) | Total tonne-km available (millions) | Weight load factor % |
|------|--------------------------------|------------------------------------|-------------------------------|-----------------------------------|--------------------------------|-----------------------------------|----------------------------------------------|----------------------------|
| 2007 | 4 513 096 | 5 876 065 | 77 | 172 844 | 4 418 | 593 269 | 945 931 | 63 |
| 2008 | 4 603 257 | 6 062 667 | 76 | 171 183 | 4 916 | 603 062 | 971 318 | 62 |
| 2009 | 4 554 781 | 5 939 854 | 77 | 155 988 | 4 647 | 577 180 | 930 880 | 62 |
| 2010 | 4 917 070 | 6 290 211 | 78 | 186 833 | 4 884 | 644 962 | 965 184 | 67 |
| 2011 | 5 240 510 | 6 718 033 | 78 | 187 393 | 5 035 | 676 965 | 1 023 552 | 66 |
| 2012 | 5 520 842 | 7 000 614 | 79 | 185 439 | 5 225 | 700 580 | 1 054 332 | 66 |
| 2013 | 5 824 084 | 7 327 547 | 79 | 186 176 | 5 619 | 730 315 | 1 092 917 | 67 |
| 2014 | 6 172 191 | 7 742 481 | 80 | 194 844 | 6 111 | 773 135 | 1 154 967 | 67 |
| 2015 | 6 635 006 | 8 256 906 | 80 | 197 344 | 6 587 | 820 368 | 1 224 460 | 67 |
| 2016 | 7 124 350 | 8 870 293 | 80 | 204 895 | 6 764 | 872 361 | 1 304 827 | 67 |

Source.— ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 4. Regional distribution of scheduled traffic — 2016

| By ICAO statistical region | Aircraft kilometres (millions) | Aircraft departures (thousands) | Passengers carried (thousands) | Passenger-kilometres (millions) | Passenger load factor (%) | Freight tonne-km (millions) | Revenue tonne-km (millions) | Tonne-kilometres available (millions) | Weight load factor (%) |
|----------------------------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------|-----------------------------|-----------------------------|---------------------------------------|------------------------|
| Total (international and domestic) services | | | | | | | | | |
| Europe | 12 032 | 8 636 | 996 872 | 1 888 553 | 82 | 46 485 | 228 632 | 320 222 | 71 |
| Percentage of world traffic | 24.6 | 24.4 | 26.3 | 26.5 | | 22.7 | 26.2 | 24.5 | |
| Africa | 1 359 | 1 046 | 80 072 | 152 718 | 68 | 3 348 | 17 919 | 31 685 | 57 |
| Percentage of world traffic | 2.8 | 3.0 | 2.1 | 2.1 | | 1.6 | 2.1 | 2.4 | |
| Middle East | 3 341 | 1 311 | 203 943 | 674 827 | 75 | 28 832 | 93 751 | 148 506 | 63 |
| Percentage of world traffic | 6.8 | 3.7 | 5.4 | 9.5 | | 14.1 | 10.7 | 11.4 | |
| Asia and Pacific | 15 225 | 10 646 | 1 340 350 | 2 341 043 | 80 | 80 395 | 295 822 | 428 890 | 69 |
| Percentage of world traffic | 31.1 | 30.0 | 35.3 | 32.9 | | 39.2 | 33.9 | 32.9 | |
| North America | 14 021 | 10 991 | 908 355 | 1 698 834 | 83 | 40 136 | 195 835 | 314 196 | 62 |
| Percentage of world traffic | 28.7 | 31.0 | 23.9 | 23.8 | | 19.6 | 22.4 | 24.1 | |
| Latin America and Caribbean | 2 916 | 2 818 | 266 631 | 368 375 | 80 | 5 699 | 40 402 | 61 328 | 66 |
| Percentage of world traffic | 6.0 | 7.9 | 7.0 | 5.2 | | 2.8 | 4.6 | 4.7 | |
| Total | 48 894 | 35 447 | 3 796 222 | 7 124 350 | 80 | 204 895 | 872 361 | 1 304 827 | 67 |
| International services | | | | | | | | | |
| Europe | 10 065 | 5 764 | 739 281 | 1 648 232 | 82 | 45 276 | 204 330 | 285 558 | 72 |
| Percentage of world traffic | 37.9 | 49.6 | 47.6 | 36.8 | | 25.7 | 33.8 | 31.8 | |
| Africa | 1 068 | 530 | 48 545 | 129 210 | 68 | 3 274 | 15 624 | 28 364 | 55 |
| Percentage of world traffic | 4.0 | 4.6 | 3.1 | 2.9 | | 1.9 | 2.6 | 3.2 | |
| Middle East | 3 111 | 992 | 169 928 | 647 646 | 75 | 28 775 | 91 130 | 144 507 | 63 |
| Percentage of world traffic | 11.7 | 8.5 | 10.9 | 14.5 | | 16.3 | 15.1 | 16.1 | |
| Asia and Pacific | 7 272 | 2 420 | 388 944 | 1 285 120 | 79 | 70 736 | 192 990 | 276 589 | 70 |
| Percentage of world traffic | 27.4 | 20.8 | 25.0 | 28.7 | | 40.1 | 31.9 | 30.8 | |
| North America | 3 708 | 1 293 | 141 128 | 581 972 | 81 | 23 546 | 77 092 | 128 467 | 60 |
| Percentage of world traffic | 14.0 | 11.1 | 9.1 | 13.0 | | 13.3 | 12.8 | 14.3 | |
| Latin America and Caribbean | 1 346 | 624 | 65 039 | 189 114 | 81 | 4 903 | 23 062 | 34 626 | 67 |
| Percentage of world traffic | 5.1 | 5.4 | 4.2 | 4.2 | | 2.8 | 3.8 | 3.9 | |
| Total | 26 570 | 11 623 | 1 552 864 | 4 481 293 | 79 | 176 510 | 604 227 | 898 111 | 67 |

Note.— The sum of the individual regions may not match the totals due to rounding.

Source.— ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 5. Revenue tonne-kilometres and passenger-kilometres on scheduled services^{1,2}
(countries and groups of countries whose airlines performed more than 100 million total tonne-kilometres in 2016³)

| Country or group of countries | REVENUE TONNE-KILOMETRES (millions) (passengers, freight and mail) | | | | | | | | REVENUE PASSENGER-KILOMETRES (millions) | | | | | | | |
|------------------------------------|-----------------------------------------------------------------------|---------|---------|--------------------------|------------------------|--------|--------|--------------------------|------------------------------------------------|-----------|-----------|--------------------------|------------------------|---------|---------|--------------------------|
| | Total services (international and domestic) | | | | International services | | | | Total services (international and domestic) | | | | International services | | | |
| | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) |
| United States | 1 | 175 715 | 170 587 | 3 | 1 | 62 335 | 61 945 | 1 | 1 | 1 502 250 | 1 452 002 | 3 | 1 | 440 141 | 437 059 | 1 |
| China ⁴ | 2 | 96 065 | 84 872 | 13 | 3 | 33 889 | 29 028 | 17 | 2 | 836 516 | 725 901 | 15 | 5 | 214 893 | 169 981 | 26 |
| Hong Kong SAR ⁵ | | 25 346 | 24 714 | 3 | | 25 346 | 24 714 | 3 | | 140 718 | 136 156 | 3 | | 140 718 | 136 156 | 3 |
| Macao SAR ⁶ | | 497 | 403 | 23 | | 497 | 403 | 23 | | 4 680 | 3 779 | 24 | | 4 680 | 3 779 | 24 |
| United Arab Emirates | 3 | 55 157 | 52 019 | 6 | 2 | 55 157 | 52 019 | 6 | 3 | 385 740 | 357 287 | 8 | 2 | 385 740 | 357 287 | 8 |
| United Kingdom | 4 | 34 365 | 31 833 | 8 | 4 | 33 583 | 31 066 | 8 | 4 | 307 971 | 283 196 | 9 | 3 | 299 228 | 274 535 | 9 |
| Germany | 5 | 32 868 | 31 919 | 3 | 5 | 31 834 | 30 924 | 3 | 5 | 259 207 | 249 091 | 4 | 4 | 248 757 | 239 011 | 4 |
| Japan | 6 | 24 718 | 23 115 | 7 | 11 | 16 990 | 15 495 | 10 | 8 | 179 932 | 170 019 | 6 | 15 | 90 346 | 82 105 | 10 |
| Republic of Korea | 7 | 23 611 | 22 558 | 5 | 6 | 22 756 | 21 803 | 4 | 15 | 131 890 | 119 739 | 10 | 12 | 123 284 | 112 357 | 10 |
| France | 8 | 22 927 | 22 974 | 0 | 9 | 18 128 | 18 295 | -1 | 7 | 183 571 | 184 146 | 0 | 8 | 141 687 | 143 494 | -1 |
| Russian Federation | 9 | 21 909 | 21 061 | 4 | 15 | 12 202 | 11 635 | 5 | 9 | 176 622 | 179 680 | -2 | 17 | 77 199 | 82 983 | -7 |
| Qatar | 10 | 21 672 | 17 360 | 25 | 7 | 21 672 | 17 360 | 25 | 14 | 137 602 | 108 311 | 27 | 9 | 137 602 | 108 311 | 27 |
| Turkey | 11 | 20 571 | 18 719 | 10 | 10 | 17 181 | 15 619 | 10 | 10 | 169 642 | 157 419 | 8 | 10 | 135 963 | 126 684 | 7 |
| Canada | 12 | 20 121 | 18 217 | 10 | 13 | 14 757 | 13 040 | 13 | 6 | 196 583 | 177 507 | 11 | 7 | 141 832 | 124 742 | 14 |
| Singapore | 13 | 19 218 | 18 647 | 3 | 8 | 19 218 | 18 647 | 3 | 16 | 126 618 | 123 645 | 2 | 11 | 126 618 | 123 645 | 2 |
| India | 14 | 16 463 | 14 344 | 15 | 21 | 7 566 | 6 994 | 8 | 11 | 163 967 | 140 474 | 17 | 21 | 69 528 | 63 928 | 9 |
| Australia | 15 | 16 287 | 15 846 | 3 | 18 | 9 684 | 9 376 | 3 | 13 | 149 410 | 144 659 | 3 | 16 | 80 849 | 77 640 | 4 |
| Netherlands | 16 | 15 899 | 15 809 | 1 | 12 | 15 794 | 15 733 | 0 | 19 | 109 959 | 103 516 | 6 | 13 | 108 904 | 102 757 | 6 |
| Ireland | 17 | 14 428 | 13 238 | 9 | 14 | 14 428 | 13 238 | 9 | 12 | 163 502 | 144 328 | 13 | 6 | 163 502 | 144 328 | 13 |
| Brazil | 18 | 12 067 | 12 609 | -4 | 28 | 4 101 | 4 105 | 0 | 17 | 117 135 | 122 868 | -5 | 27 | 31 757 | 32 032 | -1 |
| Thailand | 19 | 11 931 | 11 283 | 6 | 17 | 9 697 | 9 264 | 5 | 22 | 96 241 | 90 176 | 7 | 19 | 75 007 | 70 853 | 6 |
| Spain | 20 | 11 793 | 10 951 | 8 | 16 | 9 864 | 9 146 | 8 | 18 | 110 962 | 102 685 | 8 | 14 | 92 207 | 85 157 | 8 |
| Malaysia | 21 | 10 482 | 10 942 | -4 | 19 | 8 280 | 8 984 | -8 | 21 | 96 741 | 93 383 | 4 | 20 | 74 321 | 73 565 | 1 |
| Indonesia | 22 | 9 342 | 8 664 | 8 | 34 | 3 110 | 2 802 | 11 | 20 | 98 562 | 91 531 | 8 | 33 | 28 056 | 25 952 | 8 |
| Scandinavia ⁷ | 23 | 9 264 | 7 958 | 16 | 20 | 8 189 | 6 876 | 19 | 23 | 87 935 | 75 054 | 17 | 18 | 76 846 | 63 925 | 20 |
| Mexico | 24 | 8 459 | 7 355 | 15 | 29 | 3 993 | 3 493 | 14 | 24 | 76 948 | 66 388 | 16 | 26 | 33 441 | 28 897 | 16 |
| Luxembourg | 25 | 7 097 | 6 520 | 9 | 22 | 7 097 | 6 520 | 9 | 84 | 2 195 | 2 100 | 4 | 82 | 2 195 | 2 100 | 4 |
| Switzerland | 26 | 6 717 | 6 461 | 4 | 23 | 6 700 | 6 444 | 4 | 27 | 50 574 | 49 478 | 2 | 22 | 50 415 | 49 315 | 2 |
| Philippines | 27 | 6 637 | 6 063 | 9 | 26 | 4 722 | 4 218 | 12 | 25 | 61 176 | 55 345 | 11 | 24 | 42 976 | 37 932 | 13 |
| Saudi Arabia | 28 | 6 315 | 5 905 | 7 | 24 | 4 895 | 4 433 | 10 | 26 | 59 999 | 55 541 | 8 | 23 | 45 025 | 40 134 | 12 |
| Italy | 29 | 5 508 | 5 108 | 8 | 25 | 4 769 | 4 382 | 9 | 29 | 44 915 | 42 263 | 6 | 25 | 37 417 | 34 876 | 7 |
| Viet Nam | 30 | 4 741 | 4 014 | 18 | 42 | 2 465 | 2 194 | 12 | 28 | 47 565 | 39 402 | 21 | 35 | 24 408 | 21 783 | 12 |
| Chile | 31 | 4 446 | 3 993 | 11 | 33 | 3 275 | 2 955 | 11 | 32 | 33 175 | 28 734 | 15 | 40 | 20 846 | 17 740 | 18 |
| Colombia | 32 | 4 269 | 4 209 | 1 | 35 | 3 024 | 3 021 | 0 | 33 | 31 454 | 29 101 | 8 | 42 | 19 491 | 17 785 | 10 |
| Ethiopia | 33 | 4 255 | 3 500 | 22 | 27 | 4 203 | 3 454 | 22 | 37 | 29 000 | 25 118 | 15 | 30 | 28 450 | 24 638 | 15 |
| New Zealand | 34 | 4 228 | 3 906 | 8 | 31 | 3 754 | 3 467 | 8 | 31 | 33 277 | 30 543 | 9 | 32 | 28 250 | 25 870 | 9 |
| South Africa | 35 | 3 820 | 3 845 | -1 | 43 | 2 395 | 2 527 | -5 | 30 | 33 341 | 32 244 | 3 | 43 | 18 900 | 18 912 | 0 |
| Belgium | 36 | 3 818 | 3 679 | 4 | 30 | 3 818 | 3 679 | 4 | 41 | 23 484 | 21 929 | 7 | 37 | 23 483 | 21 928 | 7 |
| Finland | 37 | 3 424 | 3 272 | 5 | 32 | 3 275 | 3 140 | 4 | 36 | 29 238 | 28 039 | 4 | 34 | 27 594 | 26 593 | 4 |
| Portugal | 38 | 3 141 | 3 186 | -1 | 38 | 2 924 | 2 992 | -2 | 34 | 30 862 | 31 325 | -1 | 29 | 28 676 | 29 397 | -2 |
| Panama | 39 | 2 991 | 2 757 | 8 | 36 | 2 966 | 2 736 | 8 | 38 | 28 646 | 26 355 | 9 | 31 | 28 402 | 26 142 | 9 |
| Israel | 40 | 2 966 | 2 801 | 6 | 37 | 2 931 | 2 764 | 6 | 45 | 21 657 | 20 290 | 7 | 39 | 21 278 | 19 882 | 7 |
| Hungary | 41 | 2 915 | 2 664 | 9 | 39 | 2 914 | 2 664 | 9 | 35 | 30 013 | 29 603 | 1 | 28 | 29 998 | 29 603 | 1 |
| Egypt | 42 | 2 793 | 2 560 | 9 | 40 | 2 724 | 2 487 | 10 | 40 | 24 371 | 21 990 | 11 | 36 | 23 686 | 21 227 | 12 |
| Argentina | 43 | 2 757 | 2 619 | 5 | 50 | 1 577 | 1 492 | 6 | 39 | 27 772 | 26 354 | 5 | 48 | 14 866 | 14 054 | 6 |
| Austria | 44 | 2 664 | 2 613 | 2 | 41 | 2 651 | 2 600 | 2 | 43 | 22 652 | 22 527 | 1 | 38 | 22 524 | 22 394 | 1 |
| Peru | 45 | 2 423 | 2 365 | 2 | 46 | 1 705 | 1 711 | 0 | 44 | 22 645 | 21 364 | 6 | 45 | 15 503 | 14 865 | 4 |
| Pakistan | 46 | 2 379 | 2 004 | 19 | 44 | 2 071 | 1 711 | 21 | 42 | 23 359 | 19 263 | 21 | 41 | 20 240 | 16 392 | 23 |
| Oman | 47 | 2 100 | 1 946 | 8 | 45 | 2 038 | 1 889 | 8 | 47 | 18 211 | 14 709 | 24 | 44 | 17 536 | 14 151 | 24 |
| Iran (Islamic Republic of) | 48 | 1 961 | 1 784 | 10 | 59 | 869 | 709 | 23 | 46 | 19 244 | 18 197 | 6 | 57 | 8 235 | 7 304 | 13 |
| Sri Lanka | 49 | 1 705 | 1 664 | 2 | 47 | 1 705 | 1 664 | 2 | 50 | 14 546 | 14 104 | 3 | 49 | 14 546 | 14 104 | 3 |
| Morocco | 50 | 1 635 | 1 561 | 5 | 49 | 1 588 | 1 516 | 5 | 48 | 15 809 | 15 082 | 5 | 47 | 15 342 | 14 637 | 5 |
| Iceland | 51 | 1 628 | 1 185 | 37 | 48 | 1 619 | 1 177 | 38 | 49 | 15 484 | 11 083 | 40 | 46 | 15 393 | 11 004 | 40 |
| Greece | 52 | 1 275 | 1 093 | 17 | 52 | 1 088 | 917 | 19 | 51 | 13 054 | 11 204 | 17 | 50 | 11 112 | 9 379 | 18 |
| Kenya | 53 | 1 269 | 1 213 | 5 | 51 | 1 229 | 1 177 | 4 | 52 | 10 728 | 10 048 | 7 | 51 | 10 199 | 9 674 | 5 |
| Azerbaijan | 54 | 1 053 | 989 | 6 | 54 | 1 020 | 957 | 7 | 73 | 3 512 | 3 318 | 6 | 72 | 3 148 | 2 967 | 6 |
| Kuwait | 55 | 1 024 | 1 020 | 0 | 53 | 1 024 | 1 020 | 0 | 57 | 9 099 | 9 075 | 0 | 55 | 9 099 | 9 075 | 0 |
| Ukraine | 56 | 1 000 | 770 | 30 | 56 | 965 | 742 | 30 | 53 | 10 533 | 8 026 | 31 | 52 | 10 171 | 7 742 | 31 |
| Bahrain | 57 | 999 | 962 | 4 | 55 | 999 | 962 | 4 | 56 | 9 105 | 8 908 | 2 | 54 | 9 105 | 8 908 | 2 |
| Poland | 58 | 996 | 758 | 31 | 57 | 962 | 728 | 32 | 58 | 8 643 | 6 663 | 30 | 56 | 8 263 | 6 323 | 31 |
| Kazakhstan | 59 | 947 | 935 | 1 | 66 | 556 | 532 | 5 | 54 | 9 791 | 9 692 | 1 | 63 | 5 695 | 5 427 | 5 |
| Czechia | 60 | 927 | 783 | 18 | 58 | 924 | 781 | 18 | 55 | 9 582 | 8 077 | 19 | 53 | 9 557 | 8 054 | 19 |
| Jordan | 61 | 856 | 887 | -4 | 60 | 855 | 886 | -4 | 59 | 7 856 | 7 322 | 7 | 58 | 7 840 | 7 308 | 7 |
| Bangladesh | 62 | 829 | 877 | -5 | 62 | 759 | 819 | -7 | 60 | 7 773 | 8 210 | -5 | 59 | 7 171 | 7 715 | -7 |
| Mauritius | 63 | 796 | 760 | 5 | 61 | 787 | 751 | 5 | 62 | 7 059 | 6 497 | 9 | 60 | 6 951 | 6 403 | 9 |
| Uzbekistan | 64 | 694 | 703 | -1 | 63 | 665 | 668 | 0 | 63 | 6 401 | 6 464 | -1 | 61 | 6 087 | 6 095 | 0 |
| Algeria | 65 | 679 | 614 | 11 | 65 | 565 | 515 | 10 | 61 | 7 277 | 6 564 | 11 | 62 | 6 026 | 5 478 | 10 |
| Ecuador | 66 | 614 | 652 | -6 | 70 | 474 | 502 | -5 | 64 | 5 985 | 6 304 | -5 | 69 | 4 618 | 4 836 | -5 |
| Fiji | 67 | 573 | 540 | 6 | 64 | 569 | 536 | 6 | 68 | 4 858 | 4 554 | 7 | 66 | 4 814 | 4 513 | 7 |
| Tunisia | 68 | 549 | 494 | 11 | 67 | 543 | 487 | 11 | 65 | 5 404 | 4 869 | 11 | 64 | 5 337 | 4 790 | 11 |
| Lebanon | 69 | 536 | 532 | 1 | 68 | 536 | 532 | 1 | 70 | 4 677 | 4 557 | 3 | 68 | 4 677 | 4 557 | 3 |
| Romania | 70 | 503 | 478 | 5 | 69 | 486 | 463 | 5 | 66 | 5 233 | 4 976 | 5 | 65 | 5 043 | 4 803 | 5 |
| Venezuela (Bolivarian Republic of) | 71 | 467 | 499 | -6 | 78 | 246 | 232 | 6 | 67 | 4 992 | 5 293 | -6 | 76 | 2 634 | 2 454 | 7 |
| Brunei Darussalam | 72 | 456 | 456 | 0 | 71 | 456 | 456 | 0 | 72 | 3 660 | 3 718 | -2 | 71 | 3 660 | 3 718 | -2 |
| El Salvador | 73 | 410 | 434 | -6 | 72 | 410 | 434 | -6 | 69 | 4 760 | 4 948 | -4 | 67 | 4 760 | 4 948 | -4 |
| Trinidad and Tobago | 74 | 389 | 426 | -9 | 73 | 383 | 420 | -9 | 71 | 3 883 | 4 247 | -9 | 70 | 3 812 | 4 181 | -9 |
| Angola | 75 | 348 | 364 | -5 | 74 | 313 | 331 | -5 | 75 | 3 378 | 3 535 | -4 | 73 | 3 008 | 3 179 | -5 |
| Nigeria | 76 | 344 | 341 | 1 | 90 | 140 | 140 | 0 | 74 | 3 401 | 3 345 | 2 | 90 | 1 319 | 1 183 | 12 |
| Bolivia (Plurinational State of) | 77 | 293 | 322 | -9 | 84 | 159 | 171 | -7 | 77 | 2 842 | 3 126 | -9 | 86 | 1 534 | 1 644 | -7 |
| Serbia | 78 | 286 | 248 | 15 | 75 | 286 | 248 | 15 | 78 | 2 807 | 2 448 | 15 | 75 | 2 807 | 2 448 | 15 |

| Country or group of countries | REVENUE TONNE-KILOMETRES (millions) (passengers, freight and mail) | | | | | | | | REVENUE PASSENGER-KILOMETRES (millions) | | | | | | | |
|----------------------------------------------------|-----------------------------------------------------------------------|----------------|----------------|-----------------------------------|---------------------------|----------------|----------------|-----------------------------------|------------------------------------------------|------------------|------------------|-----------------------------------|---------------------------|------------------|------------------|-----------------------------------|
| | Total services (international and domestic) | | | | International services | | | | Total services (international and domestic) | | | | International services | | | |
| | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) |
| | | | | | | | | | | | | | | | | |
| Cuba | 79 | 279 | 290 | -4 | 79 | 246 | 256 | -4 | 79 | 2 629 | 2 734 | -4 | 79 | 2 291 | 2 392 | -4 |
| Latvia | 80 | 274 | 250 | 10 | 76 | 274 | 250 | 10 | 76 | 2 947 | 2 677 | 10 | 74 | 2 947 | 2 677 | 10 |
| Tajikistan | 81 | 250 | 248 | 1 | 77 | 248 | 245 | 1 | 80 | 2 569 | 2 553 | 1 | 77 | 2 554 | 2 528 | 1 |
| Belarus | 82 | 241 | 201 | 20 | 80 | 241 | 201 | 20 | 81 | 2 378 | 1 974 | 20 | 78 | 2 378 | 1 974 | 20 |
| Malta | 83 | 230 | 245 | -6 | 81 | 230 | 245 | -6 | 83 | 2 265 | 2 410 | -6 | 80 | 2 265 | 2 410 | -6 |
| Lithuania | 84 | 223 | 268 | -17 | 82 | 218 | 258 | -15 | 85 | 2 048 | 2 465 | -17 | 83 | 2 006 | 2 372 | -15 |
| Afghanistan | 85 | 212 | 242 | -12 | 92 | 132 | 163 | -19 | 86 | 1 956 | 2 233 | -12 | 92 | 1 194 | 1 485 | -20 |
| Turkmenistan | 86 | 195 | 144 | 36 | 85 | 159 | 122 | 30 | 87 | 1 893 | 1 393 | 36 | 85 | 1 537 | 1 177 | 31 |
| Costa Rica | 87 | 191 | 198 | -4 | 83 | 186 | 192 | -3 | 82 | 2 275 | 2 273 | 0 | 81 | 2 211 | 2 198 | 1 |
| Papua New Guinea | 88 | 165 | 166 | -1 | 98 | 94 | 95 | -1 | 94 | 1 286 | 1 295 | -1 | 106 | 607 | 614 | -1 |
| Libya | 89 | 161 | 176 | -8 | 87 | 146 | 157 | -7 | 88 | 1 600 | 1 735 | -8 | 88 | 1 451 | 1 549 | -6 |
| Seychelles | 90 | 159 | 135 | 18 | 86 | 158 | 134 | 18 | 93 | 1 322 | 1 157 | 14 | 91 | 1 313 | 1 149 | 14 |
| Namibia | 91 | 148 | 145 | 2 | 88 | 145 | 142 | 2 | 90 | 1 572 | 1 402 | 12 | 87 | 1 528 | 1 355 | 13 |
| Bulgaria | 92 | 148 | 135 | 10 | 89 | 143 | 130 | 10 | 89 | 1 593 | 1 471 | 8 | 84 | 1 538 | 1 416 | 9 |
| Republic of Moldova | 93 | 139 | 126 | 10 | 91 | 139 | 126 | 10 | 91 | 1 409 | 1 448 | -3 | 89 | 1 409 | 1 448 | -3 |
| Croatia | 94 | 135 | 127 | 6 | 94 | 119 | 111 | 7 | 92 | 1 329 | 1 248 | 6 | 93 | 1 171 | 1 097 | 7 |
| Suriname | 95 | 127 | 137 | -7 | 93 | 127 | 137 | -7 | 97 | 1 149 | 1 146 | 0 | 94 | 1 149 | 1 146 | 0 |
| Cambodia | 96 | 124 | 132 | -6 | 95 | 118 | 124 | -5 | 96 | 1 193 | 1 260 | -5 | 95 | 1 133 | 1 187 | -5 |
| Myanmar | 97 | 117 | 105 | 11 | 116 | 46 | 42 | 9 | 95 | 1 207 | 1 089 | 11 | 115 | 432 | 404 | 7 |
| Mongolia | 98 | 107 | 106 | 0 | 97 | 96 | 96 | 0 | 98 | 1 074 | 1 077 | 0 | 96 | 975 | 977 | 0 |
| Kyrgyzstan | 99 | 101 | 99 | 2 | 99 | 92 | 89 | 3 | 99 | 1 024 | 1 007 | 2 | 98 | 934 | 909 | 3 |
| Total for above countries (101)⁸ | | 853 344 | 802 006 | 6 | | 585 682 | 550 270 | 6 | | 7 018 579 | 6 537 057 | 7 | | 4 380 247 | 4 066 191 | 8 |
| Rest of the World | | 19 018 | 18 361 | | | 18 545 | 17 842 | | | 105 771 | 97 949 | | | 101 046 | 92 767 | |
| World total | | 872 361 | 820 368 | 6 | | 604 227 | 568 111 | 6 | | 7 124 350 | 6 635 006 | 7 | | 4 481 293 | 4 158 958 | 8 |

1. The revenue tonne-kilometres (RTK) in all tables of this Appendix are based on the actual passenger weights reported and used by Member States.
2. Previous year traffic figures have been restated based on actual reporting from Member States.
3. Some 2016 data are estimates, thus the ranking and the rate of increase or decrease may change when final data become available.
4. For statistical purposes, the data for China excludes the traffic for the Hong Kong and Macao Special Administrative Regions (Hong Kong SAR and Macao SAR) of China.
5. Traffic for the Hong Kong Special Administrative Region (SAR) of China.
6. Traffic for the Macao Special Administrative Region (SAR) of China.
7. Three States – Denmark, Norway and Sweden.
8. Includes the States listed in note 7.

Source — ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 6. Freight tonne-kilometres performed on scheduled services
(countries and groups of countries whose airlines performed more than 25 million freight tonne-kilometres in 2016¹)

| Country or group of countries | FREIGHT TONNE-KILOMETRES (millions) | | | | | | | |
|-----------------------------------|------------------------------------------------|--------|--------|--------------------------|------------------------|--------|--------|--------------------------|
| | Total services (international and domestic) | | | | International services | | | |
| | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) |
| United States | 1 | 37 890 | 37 219 | 2 | 1 | 21 706 | 21 596 | 1 |
| China ² | 2 | 21 305 | 19 806 | 8 | 3 | 14 508 | 13 579 | 7 |
| <i>Hong Kong SAR</i> ³ | | 11 409 | 11 294 | 1 | | 11 409 | 11 294 | 1 |
| <i>Macao SAR</i> ⁴ | | 29 | 25 | 16 | | 29 | 25 | 16 |
| United Arab Emirates | 3 | 16 750 | 16 556 | 1 | 2 | 16 750 | 16 556 | 1 |
| Republic of Korea | 4 | 11 485 | 11 294 | 2 | 4 | 11 435 | 11 242 | 2 |
| Japan | 5 | 9 361 | 8 662 | 8 | 6 | 8 412 | 7 697 | 9 |
| Qatar | 6 | 9 206 | 7 563 | 22 | 5 | 9 206 | 7 563 | 22 |
| Germany | 7 | 6 986 | 6 986 | 0 | 7 | 6 976 | 6 980 | 0 |
| Luxembourg | 8 | 6 878 | 6 309 | 9 | 8 | 6 878 | 6 309 | 9 |
| Singapore | 9 | 6 423 | 6 154 | 4 | 9 | 6 423 | 6 154 | 4 |
| Russian Federation | 10 | 5 863 | 4 761 | 23 | 11 | 5 206 | 4 129 | 26 |
| United Kingdom | 11 | 5 604 | 5 467 | 3 | 10 | 5 603 | 5 466 | 3 |
| Netherlands | 12 | 4 746 | 5 293 | -10 | 12 | 4 746 | 5 293 | -10 |
| France | 13 | 4 155 | 4 098 | 1 | 13 | 3 690 | 3 637 | 1 |
| Turkey | 14 | 3 494 | 2 882 | 21 | 14 | 3 468 | 2 857 | 21 |
| Canada | 15 | 2 246 | 2 075 | 8 | 16 | 1 840 | 1 676 | 10 |
| Thailand | 16 | 2 160 | 2 137 | 1 | 15 | 2 135 | 2 114 | 1 |
| Australia | 17 | 1 902 | 1 907 | 0 | 17 | 1 758 | 1 755 | 0 |
| India | 18 | 1 894 | 1 834 | 3 | 22 | 1 228 | 1 181 | 4 |
| Switzerland | 19 | 1 533 | 1 409 | 9 | 18 | 1 532 | 1 409 | 9 |
| Brazil | 20 | 1 514 | 1 494 | 1 | 28 | 1 019 | 982 | 4 |
| Belgium | 21 | 1 500 | 1 480 | 1 | 19 | 1 500 | 1 480 | 1 |
| Ethiopia | 22 | 1 490 | 1 229 | 21 | 20 | 1 490 | 1 229 | 21 |
| Chile | 23 | 1 441 | 1 392 | 4 | 21 | 1 382 | 1 345 | 3 |
| New Zealand | 24 | 1 233 | 1 157 | 7 | 23 | 1 211 | 1 138 | 6 |
| Malaysia | 25 | 1 150 | 2 006 | -43 | 24 | 1 092 | 1 936 | -44 |
| Colombia | 26 | 1 145 | 1 318 | -13 | 26 | 1 069 | 1 235 | -13 |
| Italy | 27 | 1 092 | 960 | 14 | 25 | 1 091 | 958 | 14 |
| Spain | 28 | 1 065 | 1 035 | 3 | 27 | 1 043 | 1 010 | 3 |
| Indonesia | 29 | 931 | 759 | 23 | 38 | 432 | 326 | 33 |
| Saudi Arabia | 30 | 834 | 827 | 1 | 30 | 788 | 769 | 2 |
| Scandinavia ⁵ | 31 | 834 | 737 | 13 | 29 | 824 | 729 | 13 |
| Israel | 32 | 784 | 759 | 3 | 31 | 784 | 759 | 3 |
| South Africa | 33 | 767 | 893 | -14 | 34 | 710 | 831 | -15 |
| Finland | 34 | 762 | 713 | 7 | 32 | 762 | 713 | 7 |
| Mexico | 35 | 761 | 714 | 7 | 35 | 645 | 601 | 7 |
| Azerbaijan | 36 | 733 | 687 | 7 | 33 | 732 | 686 | 7 |
| Philippines | 37 | 646 | 605 | 7 | 36 | 447 | 407 | 10 |
| Viet Nam | 38 | 459 | 384 | 19 | 43 | 268 | 222 | 20 |
| Oman | 39 | 435 | 412 | 5 | 37 | 434 | 411 | 6 |
| Sri Lanka | 40 | 403 | 382 | 6 | 39 | 403 | 381 | 6 |
| Austria | 41 | 388 | 351 | 10 | 40 | 388 | 351 | 10 |
| Egypt | 42 | 376 | 378 | 0 | 41 | 376 | 377 | 0 |
| Portugal | 43 | 327 | 344 | -5 | 42 | 317 | 334 | -5 |
| Peru | 44 | 276 | 330 | -16 | 45 | 259 | 312 | -17 |
| Bahrain | 45 | 263 | 240 | 10 | 44 | 263 | 240 | 10 |
| Argentina | 46 | 254 | 244 | 4 | 46 | 236 | 225 | 5 |

| Country or group of countries | FREIGHT TONNE-KILOMETRES (millions) | | | | | | | |
|---------------------------------------------|---------------------------------------------|---------|---------|--------------------------|------------------------|---------|---------|--------------------------|
| | Total services (international and domestic) | | | | International services | | | |
| | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) | Rank number in 2016 | 2016 | 2015 | Increase or decrease (%) |
| Kenya | 47 | 234 | 233 | 0 | 47 | 230 | 230 | 0 |
| Kuwait | 48 | 220 | 216 | 2 | 48 | 220 | 216 | 2 |
| Pakistan | 49 | 175 | 183 | -4 | 49 | 161 | 164 | -2 |
| Mauritius | 50 | 156 | 169 | -7 | 50 | 156 | 169 | -7 |
| Poland | 51 | 156 | 115 | 36 | 51 | 155 | 114 | 36 |
| Jordan | 52 | 144 | 169 | -15 | 52 | 144 | 169 | -15 |
| Iran (Islamic Republic of) | 53 | 139 | 97 | 43 | 53 | 129 | 86 | 50 |
| Panama | 54 | 126 | 122 | 4 | 54 | 126 | 122 | 4 |
| Brunei Darussalam | 55 | 124 | 115 | 8 | 55 | 124 | 115 | 8 |
| Ireland | 56 | 118 | 139 | -15 | 56 | 118 | 139 | -15 |
| Iceland | 57 | 112 | 102 | 10 | 57 | 112 | 102 | 10 |
| Uzbekistan | 58 | 112 | 114 | -2 | 58 | 112 | 114 | -2 |
| Fiji | 59 | 87 | 84 | 4 | 59 | 87 | 84 | 4 |
| Zambia | 60 | 79 | 79 | 0 | 60 | 79 | 79 | 0 |
| Ecuador | 61 | 55 | 64 | -14 | 62 | 48 | 56 | -15 |
| Bangladesh | 62 | 54 | 57 | -5 | 65 | 42 | 47 | -11 |
| Morocco | 63 | 54 | 53 | 2 | 61 | 53 | 53 | 2 |
| Lebanon | 64 | 46 | 54 | -16 | 63 | 46 | 54 | -16 |
| Angola | 65 | 44 | 46 | -5 | 64 | 43 | 45 | -5 |
| Ukraine | 66 | 40 | 38 | 6 | 67 | 38 | 36 | 5 |
| Trinidad and Tobago | 67 | 39 | 43 | -9 | 66 | 39 | 43 | -9 |
| Kazakhstan | 68 | 39 | 38 | 3 | 69 | 29 | 29 | 2 |
| Papua New Guinea | 69 | 34 | 35 | -1 | 68 | 33 | 34 | -1 |
| Greece | 70 | 30 | 26 | 15 | 70 | 28 | 24 | 16 |
| Afghanistan | 71 | 29 | 33 | -12 | 79 | 19 | 23 | -19 |
| Czechia | 72 | 25 | 27 | -5 | 71 | 25 | 27 | -5 |
| Total for above countries (74) ⁶ | | 195 656 | 188 011 | 4 | | 167 300 | 160 872 | 4 |
| Rest of the World | | 9 239 | 9 333 | | | 9 210 | 9 303 | |
| World total | | 204 895 | 197 344 | 4 | | 176 510 | 170 175 | 4 |

1. Some 2016 data are estimates, thus the ranking and the rate of increase or decrease may change when final data become available.

2. For statistical purposes, the data for China excludes the traffic for the Hong Kong and Macao Special Administrative Regions (Hong Kong SAR and Macao SAR) of China.

3. Traffic for the Hong Kong Special Administrative Region (SAR) of China.

4. Traffic for the Macao Special Administrative Region (SAR) of China.

5. Three States – Denmark, Norway and Sweden.

6. Includes the States listed in note 5.

Source. — ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 7. Estimated international non-scheduled revenue passenger traffic, 2007–2016

| Category | Millions of revenue passenger-kilometres performed | | | | | | | | | |
|----------------------------------------------|----------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Non-scheduled traffic ¹ | 241 730 | 223 360 | 197 690 | 210 475 | 221 000 | 225 378 | 229 660 | 236 320 | 216 615 | 185 241 |
| Annual change (%) | -1.4 | -7.6 | -11.5 | 6.5 | 5.0 | 2.0 | 1.9 | 2.9 | -8.3 | -14.5 |
| Scheduled traffic | 2 732 895 | 2 817 584 | 2 781 644 | 3 018 229 | 3 248 212 | 3 447 426 | 3 644 113 | 3 870 543 | 4 158 958 | 4 481 293 |
| Annual change (%) | 8.6 | 3.1 | -1.3 | 8.5 | 7.6 | 6.1 | 5.7 | 6.2 | 7.5 | 7.8 |
| Total traffic | 2 974 625 | 3 040 944 | 2 979 334 | 3 228 704 | 3 469 212 | 3 672 804 | 3 873 773 | 4 106 863 | 4 375 573 | 4 666 534 |
| Annual change (%) | 7.8 | 2.2 | -2.0 | 8.4 | 7.4 | 5.9 | 5.5 | 6.0 | 6.5 | 6.6 |
| Non-scheduled traffic as percentage of total | 8.1 | 7.3 | 6.6 | 6.5 | 6.4 | 6.1 | 5.9 | 5.8 | 5.0 | 4.0 |

1. Covers the non-scheduled traffic of scheduled airlines and non-scheduled operators.

Source.— ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Table 8. Traffic at world's major airports
Top 25 airports ranked by total passengers, 2016

| Rank No. | City | Airport | Passengers embarked and disembarked ¹ | | | Aircraft movements ² | | |
|--------------|-----------------------|--------------------------------------------------|--------------------------------------------------|---------------------|------------------|---------------------------------|---------------------|------------------|
| | | | 2016 (thousands) | 2015 (thousands) | 2016/2015 (%) | 2016 (thousands) | 2015 (thousands) | 2016/2015 (%) |
| 1 | Atlanta, GA | Hartsfield-Jackson Atlanta International Airport | 104 172 | 101 491 | 2.6 | 898 | 882 | 1.8 |
| 2 | Beijing | Beijing Capital International Airport | 94 393 | 89 939 | 5.0 | 606 | 590 | 2.7 |
| 3 | Dubai | Dubai International Airport | 83 654 | 78 015 | 7.2 | 420 | 407 | 3.2 |
| 4 | Los Angeles, CA | Los Angeles International Airport | 80 922 | 74 956 | 8.0 | 697 | 656 | 6.3 |
| 5 | Tokyo | Tokyo International (Haneda) Airport | 79 700 | 75 573 | 5.5 | 446 | 439 | 1.7 |
| 6 | Chicago, IL | O'Hare International Airport | 77 961 | 76 950 | 1.3 | 868 | 875 | -0.9 |
| 7 | London | Heathrow Airport | 75 715 | 74 990 | 1.0 | 475 | 474 | 0.2 |
| 8 | Hong Kong | Hong Kong International Airport | 70 306 | 68 283 | 3.0 | 422 | 417 | 1.2 |
| 9 | Shanghai | Pudong International Airport | 66 002 | 60 098 | 9.8 | 480 | 449 | 6.8 |
| 10 | Paris | Aéroport de Paris-Charles de Gaulle | 65 933 | 65 767 | 0.3 | 479 | 476 | 0.7 |
| 11 | Dallas/Fort Worth, TX | Dallas/Ft Worth International Airport | 65 671 | 65 512 | 0.2 | 673 | 681 | -1.2 |
| 12 | Amsterdam | Amsterdam Airport | 63 626 | 58 285 | 9.2 | 496 | 466 | 6.6 |
| 13 | Frankfurt | Flughafen Frankfurt/Main | 60 787 | 61 032 | -0.4 | 463 | 468 | -1.1 |
| 14 | Istanbul | Atatürk International Airport | 60 120 | 61 287 | -1.9 | 465 | 465 | 0.1 |
| 15 | Guangzhou | Guangzhou Bai Yun International Airport | 59 732 | 55 202 | 8.2 | 435 | 410 | 6.2 |
| 16 | New York, NY | John F. Kennedy International Airport | 58 873 | 56 859 | 3.5 | 448 | 439 | 2.1 |
| 17 | Singapore | Singapore Changi Airport | 58 698 | 55 449 | 5.9 | 365 | 351 | 4.0 |
| 18 | Denver, CO | Denver International Airport | 58 267 | 54 015 | 7.9 | 566 | 541 | 4.5 |
| 19 | Incheon | Incheon International Airport | 57 850 | 49 413 | 17.1 | 343 | 308 | 11.3 |
| 20 | Bangkok | Suvarnabhumi International Airport | 55 892 | 52 902 | 5.7 | 333 | 320 | 4.1 |
| 21 | New Delhi | Indira Gandhi International Airport | 55 631 | 45 982 | 21.0 | 407 | 349 | 16.4 |
| 22 | Jakarta | Soekarno-Hatta International Airport | 54 970 | 54 054 | 1.7 | 385 | 380 | 1.4 |
| 23 | San Francisco, CA | San Francisco International Airport | 53 099 | 50 058 | 6.1 | 450 | 430 | 4.8 |
| 24 | Kuala Lumpur | KL International Airport | 52 644 | 48 938 | 7.6 | 357 | 355 | 0.6 |
| 25 | Madrid | Aeropuerto de Adolfo Suárez Madrid-Barajas | 50 398 | 46 808 | 7.7 | 378 | 367 | 3.1 |
| Total | | | 1,665,015 | 1,581,857 | 5.3 | 12,356 | 11,994 | 3.0 |

Top 25 airports ranked by international passengers, 2016

| Rank No. | City | Airport | Passengers embarked and disembarked ¹ | | | Aircraft movements ² | | |
|--------------|--------------|--------------------------------------------|--------------------------------------------------|---------------------|------------------|---------------------------------|---------------------|------------------|
| | | | 2016 (thousands) | 2015 (thousands) | 2016/2015 (%) | 2016 (thousands) | 2015 (thousands) | 2016/2015 (%) |
| 1 | Dubai | Dubai International Airport | 83 106 | 77 453 | 7.3 | 420 | 407 | 3.1 |
| 2 | London | Heathrow Airport | 71 030 | 69 816 | 1.7 | 436 | 430 | 1.5 |
| 3 | Hong Kong | Hong Kong International Airport | 70 098 | 68 071 | 3.0 | 403 | 396 | 1.8 |
| 4 | Amsterdam | Amsterdam Airport | 63 534 | 58 246 | 9.1 | 479 | 450 | 6.2 |
| 5 | Paris | Aéroport de Paris-Charles de Gaulle | 60 385 | 60 367 | 0.0 | 424 | 421 | 0.6 |
| 6 | Singapore | Singapore Changi Airport | 58 158 | 54 836 | 6.1 | 361 | 346 | 4.1 |
| 7 | Incheon | Incheon International Airport | 57 152 | 48 720 | 17.3 | 335 | 301 | 11.3 |
| 8 | Frankfurt | Flughafen Frankfurt/Main | 53 708 | 53 994 | -0.5 | 386 | 390 | -1.2 |
| 9 | Bangkok | Suvarnabhumi International Airport | 45 291 | 43 252 | 4.7 | 258 | 243 | 6.2 |
| 10 | Istanbul | Atatürk International Airport | 41 036 | 41 938 | -2.1 | 318 | 314 | 1.4 |
| 11 | London | Gatwick Airport | 39 264 | 36 667 | 7.1 | 245 | 231 | 6.1 |
| 12 | Doha | Hamad International Airport | 37 216 | 30 906 | 20.4 | 243 | 210 | 15.9 |
| 13 | Kuala Lumpur | KL International Airport | 36 963 | 34 438 | 7.3 | 239 | 238 | 0.4 |
| 14 | Madrid | Aeropuerto de Adolfo Suárez Madrid-Barajas | 36 075 | 33 785 | 6.8 | 239 | 232 | 2.7 |
| 15 | Munich | Munich Airport | 32 569 | 31 313 | 4.0 | 286 | 280 | 2.1 |
| 16 | Barcelona | Aeropuerto de Barcelona-El Prat | 32 317 | 29 078 | 11.1 | 215 | 201 | 6.6 |
| 17 | Tokyo | Narita International Airport | 31 991 | 30 548 | 4.7 | 190 | 179 | 6.1 |
| 18 | New York, NY | John F. Kennedy International Airport | 31 628 | 30 052 | 5.2 | 178 | 174 | 2.3 |
| 19 | Rome | Aeroporto di Roma-Fiumicino | 29 096 | 28 280 | 2.9 | 205 | 204 | 0.2 |
| 20 | Toronto, ON | Toronto Pearson International Airport | 27 429 | 25 178 | 8.9 | 242 | 233 | 4.0 |
| 21 | Zurich | Flughafen Zürich | 26 938 | 25 614 | 5.2 | 225 | 220 | 2.4 |
| 22 | Copenhagen | Copenhagen International Airport | 26 932 | 24 639 | 9.3 | 237 | 226 | 4.9 |
| 23 | Shanghai | Pudong International Airport | 26 911 | 23 427 | 14.9 | 182 | 165 | 10.3 |
| 24 | Dublin | Dublin Airport | 26 483 | 24 869 | 6.5 | 201 | 186 | 7.8 |
| 25 | Abu Dhabi | Abu Dhabi International Airport | 24 203 | 22 842 | 6.0 | 150 | 146 | 2.1 |
| Total | | | 1,069,512 | 1,008,329 | 6.1 | 7,093 | 6,825 | 3.9 |

1. Revenue and non-revenue air carrier passengers and passengers in direct transit; scheduled and non-scheduled services.

2. All aircraft movements (commercial and non-commercial).

Source.— ICAO Air Transport Reporting Form I, Airports Council International (ACI) and airport websites.

Table 9. Operating, net results¹ and variance analysis
(scheduled airlines of ICAO Member States)

| Year | Operating revenues USD (millions) | Operating expenses USD (millions) | Operating result | | Net result ² | |
|-----------------------|-----------------------------------------|-----------------------------------------|-----------------------------|----------------------------------------|-----------------------------|----------------------------------------|
| | | | Amount USD (millions) | Percentage Of operating revenues | Amount USD (millions) | Percentage Of operating revenues |
| 2007 | 509,800 | 489,900 | 19,900 | 3.9 | 14,700 | 2.9 |
| 2008 | 569,500 | 570,600 | -1,100 | -0.2 | -26,100 | -4.6 |
| 2009 | 475,800 | 473,900 | 1,900 | 0.4 | -4,600 | -1.0 |
| 2010 | 563,500 | 535,900 | 27,600 | 4.9 | 17,300 | 3.1 |
| 2011 | 642,300 | 622,500 | 15,400 | 2.4 | 8,300 | 1.3 |
| 2012 | 705,500 | 687,100 | 18,400 | 2.6 | 9,200 | 1.3 |
| 2013 | 720,200 | 694,900 | 25,300 | 3.5 | 18,100 | 2.5 |
| 2014 | 766,900 | 725,200 | 41,700 | 5.4 | 17,300 | 2.3 |
| 2015 ⁽³⁾ | 720,500 | 660,700 | 59,800 | 8.3 | 37,500 | 5.2 |
| 2016 ^(3,4) | 709,000 | 643,800 | 65,200 | 9.2 | 40,700 | 5.7 |

Analysis of variance in operating result (2016 over 2015)

| | 2016 | 2015 | Difference |
|------------------------------------|-----------|-----------|------------|
| Operating revenues, USD (millions) | 709,000 | 720,500 | -11,500 |
| Operating expenses, USD (millions) | 643,800 | 660,700 | -16,900 |
| Operating result, USD (millions) | 65,200 | 59,800 | 5,400 |
| RTK (millions) | 872,361 | 820,368 | 51,994 |
| ATK (millions) | 1,304,827 | 1,224,460 | 80,367 |
| Yield, USD (cent) | 81.3 | 87.8 | -6.6 |
| Cost/ATK, USD (cent) | 49.3 | 54.0 | -4.6 |
| Weight load factor (%) | 66.9 | 67.0 | -0 |
| Break-even weight load factor (%) | 60.7 | 61.4 | -1 |

Analysis of difference in operating revenues (2016 over 2015)

| | | |
|----------------------------------------------------|---------|-----|
| Due to reduction in yield, USD (millions) | -57,164 | |
| Increase in traffic, USD (millions) | 45,664 | |
| Net increase in operating revenues, USD (millions) | -11,500 | (A) |

Analysis of difference in operating expenses (2016 over 2015)

| | | |
|-------------------------------------------------------------------|---------|-------|
| Due to reduction in unit cost, USD (millions) | -60,265 | |
| Due to increase in capacity offered, USD (millions) | 43,365 | |
| Net increase in operating expenses, USD (millions) | -16,900 | (B) |
| Net increase in operating result (2016 over 2015), USD (millions) | 5,400 | (A-B) |

1. Revenues and expenses are estimated for non-reporting airlines.

2. The net result is derived from the operating result by adding (with plus or minus sign as appropriate) non-operating items (such as interest and direct subsidies) and income tax. The operating and net results quoted, are the small differences between the estimates of large figures (revenues and expenses) and are therefore susceptible to substantial uncertainties.

3. The net results for 2015 and 2016 have been provisionally estimated and exclude exceptional accounting items.

4. Complete financial data for 2016 had not been reported to ICAO at the time of writing because of variations in fiscal year reporting.

Source.— ICAO Air Transport Reporting Form EF plus ICAO estimates.

**Table 10. Commercial transport fleet¹ of ICAO Member States
at the end of each year, 2007 - 2016**

| Year | Turbojet | | Turboprop | | Total aircraft All types |
|------|----------|------------|-----------|------------|-----------------------------|
| | Number | Percentage | Number | Percentage | |
| 2007 | 18 926 | 86.8 | 2 883 | 13.2 | 21 809 |
| 2008 | 19 650 | 87.1 | 2 902 | 12.9 | 22 552 |
| 2009 | 20 332 | 87.4 | 2 932 | 12.6 | 23 264 |
| 2010 | 20 904 | 87.5 | 2 976 | 12.5 | 23 880 |
| 2011 | 21 543 | 87.7 | 3 009 | 12.3 | 24 552 |
| 2012 | 22 255 | 88.1 | 2 997 | 11.9 | 25 252 |
| 2013 | 22 893 | 88.2 | 3 061 | 11.8 | 25 954 |
| 2014 | 23 587 | 88.5 | 3 066 | 11.5 | 26 653 |
| 2015 | 24 259 | 88.7 | 3 093 | 11.3 | 27 352 |
| 2016 | 25 060 | 88.9 | 3 117 | 11.1 | 28 177 |

1. Active and parked aircraft are included; aircraft having a maximum take-off mass of less than 9 000 kg (20 000 lbs) are not included.

Source.— Reed Business Information (RBI)

Presentation of 2016 Air Transport Statistical Results

Table 11. Aviation Security

| Year | Number of acts of unlawful interference | Number of acts of unlawful seizure | | Number of acts of facility attack | | Number of acts of sabotage | Other acts ¹ | Number of persons injured or killed during acts of unlawful interference | |
|-------------------|-----------------------------------------|------------------------------------|--------------------|-----------------------------------|----------------------------|----------------------------|-------------------------|--------------------------------------------------------------------------|--------|
| | | Actual seizures | Attempted seizures | Actual facility attacks | Attempted facility attacks | | | Injured | Killed |
| 1992 | 10 | 6 | 2 | 1 | 0 | 0 | 1 | 123 | 10 |
| 1993 | 48 | 30 | 7 | 3 | 0 | 0 | 8 | 38 | 112 |
| 1994 | 43 | 22 | 5 | 4 | 0 | 2 | 10 | 57 | 51 |
| 1995 | 17 | 9 | 3 | 2 | 0 | 0 | 3 | 5 | 2 |
| 1996 | 22 | 3 | 12 | 4 | 0 | 0 | 3 | 159 | 134 |
| 1997 | 15 | 6 | 5 | 2 | 0 | 1 | 1 | 2 | 4 |
| 1998 | 17 | 11 | 2 | 1 | 0 | 0 | 3 | 1 | 41 |
| 1999 | 14 | 11 | 2 | 0 | 0 | 0 | 1 | 3 | 4 |
| 2000 | 30 | 12 | 8 | 1 | 0 | 0 | 9 | 50 | 58 |
| 2001 ² | 24 | 7 | 2 | 7 | 4 | 1 | 3 | 3 217 | 3 525 |
| 2002 | 40 | 2 | 8 | 24 | 2 | 2 | 2 | 14 | 186 |
| 2003 | 35 | 3 | 5 | 10 | 0 | 5 | 12 | 77 | 20 |
| 2004 | 16 | 1 | 4 | 2 | 2 | 4 | 3 | 8 | 91 |
| 2005 | 6 | 2 | 0 | 2 | 0 | 0 | 2 | 60 | 3 |
| 2006 | 17 | 1 | 3 | 4 | 0 | 1 | 8 ³ | 27 | 2 |
| 2007 | 22 | 4 | 2 | 2 | 3 | 0 | 11 | 33 | 18 |
| 2008 | 23 | 1 | 6 | 3 | 0 | 0 | 13 ³ | 31 | 11 |
| 2009 | 23 | 5 | 3 | 1 | 0 | 0 | 14 ³ | 4 | 3 |
| 2010 | 14 | 0 | 1 | 1 | 0 | 1 | 11 ³ | 13 | 6 |
| 2011 | 6 | 0 | 2 | 0 | 0 | 1 | 3 ³ | 152 | 35 |
| 2012 | 10 | 1 | 2 | 2 | 0 | 0 | 5 ³ | 44 | 20 |
| 2013 | 8 | 1 | 0 | 3 | 0 | 1 | 2 ³ | 1 | 7 |
| 2014 | 21 | 2 | 2 | 9 | 0 | 1 | 7 ³ | 334 | 44 |
| 2015 | 13 | 2 | 2 | 2 | 2 | 4 | 1 | 403 | 6 |
| 2016 | 9 | 2 | 0 | 5 | 0 | 2 | 0 | 336 | 58 |

1. Includes in-flight attacks and other acts of unlawful interference.

2. Official reports on the events of 11 September 2001 in the United States did not include the number of deaths and injuries on the ground. Therefore, estimated totals were taken from media sources.

3. Includes attempted sabotage.