

U.S. Exports of Aerospace Vehicles and Equipment (revised as indicated)

(Quantity as indicated, F.A.S. values in millions of dollars)

| Items | Units | 2004 ^r | | 2005 ^r | | 2006 ^r | | 2007 ^r | | 2008 | |
|------------------------------------------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|-------------------|
| | | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Aerospace vehicles and equipment, total | | ---- | \$56,480.0 | ---- | \$67,255.6 | ---- | \$85,292.1 | ---- | \$97,380.0 | ---- | \$95,423.5 |
| Total Aircraft | | ---- | 24,502.3 | ---- | 30,298.7 | ---- | 43,940.2 | ---- | 51,860.8 | ---- | 46,941.9 |
| Nonpowered aircraft | | ---- | 9.5 | ---- | 8.0 | ---- | 7.6 | ---- | 7.3 | ---- | 6.7 |
| Airplanes and other aircraft <= 450 kg | no | | 96 | | 119 | | 203 | | 236 | | 407 |
| Civilian Aircraft | no | | 2,166 | | 2,582 | | 3,945.6 | | 3,786 | | 4,041 |
| Airplanes, 450-4,536 kg. unladen weight, new | no | | 355 | | 494 | | 578.1 | | 882 | | 1,365 |
| Airplanes, 4,536-15,000 kg. unladen weight, new | no | | 119 | | 178 | | 2,782.2 | | 279 | | 281 |
| Airplanes, over 15,000 kg. unladen weight, new | no | | 194 | | 237 | | 32,902.7 | | 384 | | 321 |
| Rotorcraft, new | no | | 567 | | 705 | | 671.3 | | 901 | | 880 |
| Used or rebuilt | no | | 931 | | 968 | | 2,521.3 | | 1,340 | | 1,194 |
| Military aircraft | no | | 254 | | 309 | | 4,463.8 | | 690 | | 262 |
| New | no | | 167 | | 263 | | 4,444.1 | | 595 | | 220 |
| Used or rebuilt | no | | 87 | | 46 | | 19.7 | | 95 | | 42 |
| Aircraft engines and parts | | ---- | 13,653.9 | ---- | 16,356.5 | ---- | 17,223.8 | ---- | 19,716.0 | ---- | 21,969.7 |
| Piston engines and parts | | ---- | 443.3 | ---- | 519.2 | ---- | 460.7 | ---- | 512.3 | ---- | 486.0 |
| Complete engines, new and used | no | | 19,519 | | 18,583 | | 271.5 | | 41,613 | | 13,125 |
| Engine parts | mt | | 2,816 | | 3,173 | | 189.2 | | 1,618 | | 1,940 |
| Reaction/turbine engines and parts* | | ---- | 13,210.6 | ---- | 15,842.8 | ---- | 16,763.1 | ---- | 19,203.7 | ---- | 21,483.7 |
| Complete engines, new and used | no | | 10,764 | | 17,183 | | 6,361.1 | | 16,144 | | 14,864 |
| Engine parts | | ---- | 7,917.6 | ---- | 8,974.8 | ---- | 10,402.0 | ---- | 11,967.2 | ---- | 12,794.9 |
| Propellers, rotors, and parts | mt | | 2,942 | | 2,784 | | 495.6 | | 1,446 | | 1,675 |
| Landing gear and parts | mt | | 7,767 | | 8,000 | | 1,333.9 | | 4,069 | | 4,331 |
| Aircraft parts and accessories, n.e.c. | | ---- | 13,367.4 | ---- | 15,406.0 | ---- | 18,304.2 | ---- | 19,161.4 | ---- | 19,911.9 |
| Aircraft communications equipment | | ---- | 528.5 | ---- | 606.8 | ---- | 637.5 | ---- | 669.2 | ---- | 664.5 |
| Aerospace navigation instruments | th | | 1,923 | | 2,672 | | 872.1 | | 1,042 | | 297 |
| Flight simulators and parts | mt | | 1,001 | | 1,482 | | 262.1 | | 447 | | 693 |
| Guided missiles and parts | | ---- | 983.5 | ---- | 1,078.8 | ---- | 1,440.5 | ---- | 1,355.2 | ---- | 1,414.1 |
| Space vehicles and parts | | ---- | 379.9 | ---- | 405.5 | ---- | 333.9 | ---- | 390.7 | ---- | 341.5 |
| Missile and space vehicle propulsion units and parts | | ---- | 30.7 | ---- | 16.2 | ---- | 25.5 | ---- | 10.1 | ---- | 24.3 |
| Communication satellites and parts | | ---- | 549.8 | ---- | 269.0 | ---- | 422.9 | ---- | 802.5 | ---- | 333.7 |

^r Revised from previously published data. Revisions to trade data based on Bureau of the Census, *Historical Summary 2003-2007*.

*Category changed to include reaction engines, other than turbojets--except missile and rocket--and their parts.

no=number, mt=metric tons (thousands of kilograms), th=thousands of units

n.e.c.=not elsewhere classified

NOTE: Totals do not correspond to SIC/NAICS-based trade statistics because of slightly broader coverage.

Detail may not add to totals due to rounding.

Data shown for certain products may not be comparable to data before 1989 due to category changes made under the Harmonized System.

Source: U.S. Department of Commerce: Bureau of the Census and International Trade Administration

U.S. Exports of Aerospace Vehicles and Equipment (revised)

(Quantity as indicated, F.A.S. values in millions of dollars)

| Items | Units | 1999 ^r | | 2000 ^r | | 2001 ^r | | 2002 ^r | | 2003 ^r | |
|------------------------------------------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Aerospace vehicles and equipment, total | | ---- | \$62,411.7 | ---- | \$54,733.7 | ---- | \$58,462.4 | ---- | \$56,912.5 | ---- | \$53,044.1 |
| Total Aircraft | | ---- | 32,650.6 | ---- | 24,788.8 | ---- | 26,973.2 | ---- | 27,122.0 | ---- | 24,659.2 |
| Nonpowered aircraft | | ---- | 8.9 | ---- | 11.9 | ---- | 12.0 | ---- | 6.6 | ---- | 10.0 |
| Airplanes and other aircraft <= 450 kg | no | 55 | 5.7 | 130 | 7.2 | 118 | 6.8 | 85 | 5.6 | 80 | 7.8 |
| Civilian Aircraft | no | 1,560 | 28,417.1 | 1,560 | 22,213.9 | 1,634 | 24,789.8 | 1,569 | 25,535.6 | 1,884 | 22,522.0 |
| Airplanes, 450-4,536 kg. unladen weight, new | no | 539 | 691.3 | 387 | 338.9 | 459 | 344.4 | 335 | 239.3 | 428 | 300.7 |
| Airplanes, 4,536-15,000 kg. unladen weight, new | no | 71 | 626.7 | 99 | 772.4 | 127 | 997.0 | 114 | 918.8 | 75 | 611.1 |
| Airplanes, over 15,000 kg. unladen weight, new | no | 341 | 25,671.9 | 268 | 19,614.6 | 253 | 22,151.0 | 261 | 21,625.5 | 210 | 19,248.9 |
| Rotorcraft, new | no | 181 | 136.6 | 304 | 169.9 | 310 | 170.0 | 293 | 115.7 | 399 | 202.9 |
| Used or rebuilt | no | 428 | 1,290.4 | 502 | 1,318.1 | 485 | 1,127.4 | 566 | 2,636.2 | 772 | 2,158.3 |
| Military aircraft | no | 307 | 4,219.0 | 344 | 2,555.7 | 266 | 2,164.6 | 262 | 1,574.3 | 245 | 2,119.3 |
| New | no | 224 | 3,916.3 | 195 | 2,470.5 | 151 | 1,917.2 | 131 | 1,369.7 | 149 | 1,606.7 |
| Used or rebuilt | no | 83 | 302.7 | 149 | 85.2 | 115 | 247.5 | 131 | 204.6 | 96 | 512.6 |
| Aircraft engines and parts | | ---- | 11,426.8 | ---- | 12,196.9 | ---- | 12,862.6 | ---- | 12,312.8 | ---- | 11,523.4 |
| Piston engines and parts | | ---- | 429.3 | ---- | 401.8 | ---- | 453.7 | ---- | 409.6 | ---- | 435.7 |
| Complete engines, new and used | no | 12,500 | 201.1 | 10,991 | 174.4 | 20,339 | 233.6 | 13,398 | 199.2 | 12,861 | 231.1 |
| Engine parts | mt | ---- | 228.2 | ---- | 227.3 | ---- | 220.0 | 2,525 | 210.4 | 2,190 | 204.6 |
| Reaction/turbine engines and parts* | | ---- | 10,997.5 | ---- | 11,795.1 | ---- | 12,408.9 | ---- | 11,903.2 | ---- | 11,087.7 |
| Complete engines, new and used | no | 14,636 | 4,124.6 | 11,174 | 4,740.5 | 10,752 | 5,213.3 | 11,264 | 4,461.9 | 10,871 | 4,525.5 |
| Engine parts | | ---- | 6,872.9 | ---- | 7,054.6 | ---- | 7,195.6 | ---- | 7,441.2 | ---- | 6,562.2 |
| Propellers, rotors, and parts | mt | 3,350 | 623.0 | 3,944 | 609.7 | 3,228 | 580.2 | 2,628 | 483.5 | 2,892 | 451.3 |
| Landing gear and parts | mt | 7,302 | 934.7 | 7,366 | 889.7 | 7,332 | 916.9 | 5,971 | 840.3 | 6,581 | 923.2 |
| Aircraft parts and accessories, n.e.c. | | ---- | 13,252.4 | ---- | 13,119.7 | ---- | 13,917.6 | ---- | 12,283.0 | ---- | 12,424.9 |
| Aircraft communications equipment | | ---- | 479.8 | ---- | 487.6 | ---- | 526.7 | ---- | 569.8 | ---- | 437.6 |
| Aerospace navigation instruments | th | 535 | 721.3 | 560 | 792.2 | 669 | 857.6 | 596 | 729.1 | 1,432 | 752.5 |
| Flight simulators and parts | mt | 4,241 | 242.5 | 2,614 | 335.2 | 2,024 | 179.3 | 1,451 | 225.8 | 1,324 | 212.3 |
| Guided missiles and parts | | ---- | 1,083.6 | ---- | 1,043.2 | ---- | 1,116.4 | ---- | 1,162.1 | ---- | 869.4 |
| Space vehicles and parts | | ---- | 238.0 | ---- | 207.5 | ---- | 248.3 | ---- | 552.5 | ---- | 476.4 |
| Missile and space vehicle propulsion units and parts | | ---- | 24.2 | ---- | 20.2 | ---- | 9.1 | ---- | 30.7 | ---- | 34.0 |
| Communication satellites and parts | | ---- | 735.4 | ---- | 243.1 | ---- | 274.5 | ---- | 600.9 | ---- | 280.0 |

^r Revised from previously published data. Revisions to trade data based on Bureau of the Census, *Historical Summary 1999-2003*.

*Category changed to include reaction engines, other than turbojets--except missile and rocket--and their parts.

no=number, mt=metric tons (thousands of kilograms), th=thousands of units

n.e.c.=not elsewhere classified

NOTE: Totals do not correspond to SIC/NAICS-based trade statistics because of slightly broader coverage.

Detail may not add to totals due to rounding.

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Source: U.S. Department of Commerce: Bureau of the Census and International Trade Administration

U.S. Exports of Aerospace Vehicles and Equipment (revised)

(Quantity as indicated, F.A.S. values in millions of dollars)

| Items | Units | 1994 ^r | | 1995 ^r | | 1996 ^r | | 1997 ^r | | 1998 ^r | |
|------------------------------------------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Aerospace vehicles and equipment, total | | ---- | \$37,356.9 | ---- | \$33,274.6 | ---- | \$40,271.7 | ---- | \$50,575.2 | ---- | \$64,057.3 |
| Total Aircraft | | ---- | 18,810.3 | ---- | 13,851.7 | ---- | 18,984.1 | ---- | 25,560.1 | ---- | 35,252.2 |
| Nonpowered aircraft | | ---- | 7.0 | ---- | 15.4 | ---- | 8.3 | ---- | 8.4 | ---- | 9.9 |
| Airplanes and other aircraft <= 450 kg | no | 74 | 3.6 | 83 | 6.3 | 121 | 12.4 | 71 | 4.2 | 95 | 8.7 |
| Civilian Aircraft | no | 1,449 | 17,707.0 | 1,436 | 12,228.9 | 1,371 | 15,139.4 | 1,534 | 23,151.0 | 1,635 | 31,412.4 |
| Airplanes, 450-4,536 kg. unladen weight, new | no | 362 | 266.1 | 421 | 289.9 | 386 | 330.3 | 421 | 471.1 | 433 | 336.4 |
| Airplanes, 4,536-15,000 kg. unladen weight, new | no | 66 | 330.7 | 56 | 305.7 | 52 | 257.5 | 83 | 486.2 | 80 | 490.5 |
| Airplanes, over 15,000 kg. unladen weight, new | no | 222 | 15,930.8 | 137 | 10,605.5 | 172 | 13,623.9 | 252 | 21,027.5 | 375 | 29,168.1 |
| Rotorcraft, new | no | 159 | 82.9 | 208 | 170.2 | 214 | 212.1 | 259 | 207.6 | 237 | 146.8 |
| Used or rebuilt | no | 640 | 1,096.5 | 614 | 857.6 | 547 | 715.5 | 519 | 958.5 | 510 | 1,270.5 |
| Military aircraft | no | 436 | 1,092.7 | 520 | 1,601.1 | 428 | 3,824.0 | 416 | 2,396.5 | 364 | 3,821.2 |
| New | no | 348 | 826.4 | 462 | 1,539.1 | 316 | 3,549.0 | 360 | 2,297.2 | 269 | 3,608.3 |
| Used or rebuilt | no | 88 | 266.3 | 58 | 62.1 | 112 | 275.0 | 56 | 99.3 | 95 | 212.9 |
| Aircraft engines and parts | | ---- | 6,402.4 | ---- | 6,143.9 | ---- | 6,829.0 | ---- | 8,575.4 | ---- | 10,537.2 |
| Piston engines and parts | | ---- | 316.8 | ---- | 359.6 | ---- | 336.2 | ---- | 426.9 | ---- | 409.4 |
| Complete engines, new and used | no | 6,679 | 142.8 | 7,885 | 146.8 | 7,528 | 144.0 | 17,749 | 228.7 | 10,923 | 197.8 |
| Engine parts | | ---- | 174.0 | ---- | 212.8 | ---- | 192.2 | ---- | 198.1 | ---- | 211.5 |
| Reaction/turbine engines and parts* | | ---- | 6,085.6 | ---- | 5,784.3 | ---- | 6,492.8 | ---- | 8,148.5 | ---- | 10,127.9 |
| Complete engines, new and used | no | 4,950 | 2,484.4 | 7,025 | 1,802.4 | 8,638 | 2,135.8 | 11,028 | 2,274.8 | 12,200 | 3,360.8 |
| Engine parts | | ---- | 3,601.2 | ---- | 3,981.9 | ---- | 4,357.0 | ---- | 5,873.7 | ---- | 6,758.3 |
| Propellers, rotors, and parts | mt | ---- | 305.9 | 2,584 | 333.5 | 2,974 | 425.5 | 3,360 | 500.2 | 3,157 | 597.0 |
| Landing gear and parts | mt | ---- | 313.4 | 3,138 | 386.0 | 4,321 | 526.5 | 4,997 | 558.5 | 7,325 | 969.6 |
| Aircraft parts and accessories, n.e.c. | | ---- | 8,716.6 | ---- | 9,237.7 | ---- | 10,374.4 | ---- | 11,792.9 | ---- | 13,028.4 |
| Aircraft communications equipment | | ---- | 198.4 | ---- | 209.3 | ---- | 281.9 | ---- | 303.0 | ---- | 384.9 |
| Aerospace navigation instruments | th | 2,259 | 474.4 | 1,258 | 463.6 | 241 | 496.5 | 274 | 568.4 | 406 | 638.9 |
| Flight simulators and parts | mt | ---- | 232.0 | 1,714 | 122.2 | 2,056 | 166.1 | 2,044 | 184.3 | 3,412 | 262.0 |
| Guided missiles and parts | | ---- | 1,095.6 | ---- | 1,467.5 | ---- | 1,187.5 | ---- | 1,143.6 | ---- | 921.7 |
| Space vehicles and parts | | ---- | 240.4 | ---- | 220.0 | ---- | 392.1 | ---- | 304.6 | ---- | 318.8 |
| Missile and space vehicle propulsion units and parts | | ---- | 18.4 | ---- | 42.3 | ---- | 23.8 | ---- | 9.0 | ---- | 10.1 |
| Communication satellites and parts | | ---- | 549.2 | ---- | 796.9 | ---- | 584.3 | ---- | 1,075.3 | ---- | 1,156.1 |

^r Revised from previously published data. Revisions to trade data based on Bureau of the Census, *Historical Summary 1994-98*.

*Category changed to include reaction engines, other than turbojets--except missile and rocket--and their parts.

no=number, mt=metric tons (thousands of kilograms), th=thousands of units

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U.S. Exports of Aerospace Vehicles and Equipment (revised)

(Quantity as indicated, F.A.S. values in millions of dollars)

| Items | Units | 1989 ^r | | 1990 ^r | | 1991 ^r | | 1992 ^r | | 1993 ^r | |
|------------------------------------------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Aerospace vehicles and equipment, total | | ---- | \$32,112.8 | ---- | \$39,083.0 | ---- | \$43,999.8 | ---- | \$44,914.5 | ---- | \$39,334.2 |
| Total Aircraft | | ---- | 14,339.4 | ---- | 19,630.8 | ---- | 24,349.7 | ---- | 26,292.4 | ---- | 21,279.1 |
| Nonpowered aircraft | | ---- | 17.5 | ---- | 15.3 | ---- | 14.6 | ---- | 6.7 | ---- | 8.7 |
| Airplanes and other aircraft <= 450 kg | no | 287 | 6.3 | 335 | 6.4 | 375 | 6.9 | 165 | 5.4 | 107 | 4.4 |
| Civilian Aircraft | no | 3,653 | 13,423.7 | 3,444 | 18,128.0 | 2,957 | 22,366.6 | 2,032 | 24,196.7 | 1,582 | 19,808.0 |
| Airplanes, 450-4,536 kg. unladen weight, new | no | 1,351 | 258.4 | 799 | 318.1 | 535 | 306.9 | 422 | 292.2 | 379 | 222.8 |
| Airplanes, 4,536-15,000 kg. unladen weight, new | no | 48 | 164.0 | 79 | 245.3 | 68 | 276.3 | 60 | 295.0 | 58 | 324.2 |
| Airplanes, over 15,000 kg. unladen weight, new | no | 260 | 12,312.6 | 306 | 16,691.4 | 385 | 20,880.6 | 384 | 22,255.8 | 278 | 18,146.4 |
| Rotorcraft, new | no | 294 | 155.5 | 349 | 161.2 | 318 | 168.4 | 212 | 112.4 | 171 | 118.5 |
| Used or rebuilt | no | 1,700 | 533.1 | 1,911 | 711.9 | 1,651 | 734.6 | 954 | 1,241.2 | 696 | 996.1 |
| Military aircraft | no | 846 | 892.0 | 445 | 1,481.1 | 534 | 1,961.6 | 429 | 2,083.6 | 629 | 1,457.9 |
| New | no | 647 | 835.7 | 387 | 1,406.1 | 357 | 1,700.4 | 332 | 1,909.6 | 517 | 1,402.6 |
| Used or rebuilt | no | 199 | 56.2 | 58 | 75.0 | 177 | 261.2 | 97 | 174.0 | 112 | 55.3 |
| Aircraft engines and parts | | ---- | 6,637.0 | ---- | 6,880.4 | ---- | 7,013.2 | ---- | 6,666.0 | ---- | 6,212.0 |
| Piston engines and parts | | ---- | 438.0 | ---- | 420.8 | ---- | 411.6 | ---- | 315.4 | ---- | 282.6 |
| Complete engines, new and used | no | 8,653 | 131.2 | 6,411 | 110.3 | 7,405 | 104.3 | 7,269 | 101.0 | 7,582 | 113.9 |
| Engine parts | mt | 7,916 | 307.0 | 4,747 | 310.5 | 6,020 | 307.3 | 5,982 | 214.4 | 3,722 | 168.7 |
| Reaction/turbine engines and parts* | | ---- | 6,198.8 | ---- | 6,459.6 | ---- | 6,601.6 | ---- | 6,350.6 | ---- | 5,929.4 |
| Complete engines, new and used | no | 18,538 | 2,060.8 | 24,687 | 1,856.1 | 17,549 | 2,226.3 | 18,185 | 2,473.3 | 17,028 | 2,406.1 |
| Engine parts | | ---- | 4,138.0 | ---- | 4,603.5 | ---- | 4,375.4 | ---- | 3,877.3 | ---- | 3,523.2 |
| Propellers, rotors, and parts | mt | ---- | 270.9 | ---- | 342.6 | ---- | 318.1 | ---- | 289.1 | ---- | 307.1 |
| Landing gear and parts | mt | ---- | 272.6 | ---- | 276.2 | ---- | 333.0 | ---- | 361.7 | ---- | 336.0 |
| Aircraft parts and accessories, n.e.c. | | ---- | 8,026.0 | ---- | 8,774.1 | ---- | 9,162.9 | ---- | 8,326.7 | ---- | 8,316.0 |
| Aircraft communications equipment | | ---- | 228.6 | ---- | 238.6 | ---- | 253.4 | ---- | 237.0 | ---- | 193.0 |
| Aerospace navigation instruments | th | 3,040 | 503.7 | 2,731 | 508.8 | 2,796 | 525.6 | 2,973 | 559.2 | 1,966 | 452.7 |
| Flight simulators and parts | mt | ---- | 206.5 | ---- | 255.3 | ---- | 245.6 | ---- | 205.8 | ---- | 197.3 |
| Guided missiles and parts | | ---- | 1,031.0 | ---- | 1,275.1 | ---- | 1,240.2 | ---- | 1,418.1 | ---- | 1,233.5 |
| Space vehicles and parts | | ---- | 220.4 | ---- | 225.4 | ---- | 260.9 | ---- | 229.1 | ---- | 276.6 |
| Missile and space vehicle propulsion units and parts | | ---- | 13.2 | ---- | 32.9 | ---- | 8.4 | ---- | 15.5 | ---- | 5.7 |
| Communication satellites and parts | | ---- | 363.5 | ---- | 642.9 | ---- | 288.9 | ---- | 313.9 | ---- | 525.4 |

^r Revised from previously published data. Revisions to trade data based on Bureau of the Census, *Historical Summary 1989-93*.

*Category changed to include reaction engines, other than turbojets--except missile and rocket--and their parts. Camshafts and crankshafts have been added to both engine categories.

no=number, mt=metric tons (thousands of kilograms), th=thousands of units

n.e.c.=not elsewhere classified

NOTE: Totals do not correspond to SIC/NAICS-based trade statistics because of slightly broader coverage.

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