

U.S. Balance of Trade in Aerospace Vehicles and Equipment
(Quantity as indicated, 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		----	\$21,925.8	----	\$27,146.6	----	\$30,884.8	----	\$31,073.1	----	\$26,819.6
Total Aircraft		----	11,534.9	----	16,792.4	----	21,000.3	----	22,429.4	----	17,470.3
Nonpowered aircraft		----	16.7	----	12.9	----	12.6	----	3.5	----	5.3
Airplanes and other Aircraft <= 450 kg	no	-744	-41.0	-107	-11.7	276	2.1	141	5.1	76	3.9
Civilian Aircraft	no	3,069	10,683.6	2,808	15,354.3	2,221	19,046.7	1,425	20,391.6	852	16,011.4
450-4,536 kg. unladen weight, new	no	1,255	163.7	653	89.8	397	107.4	314	188.5	236	184.1
4,536-15,000 kg. unladen weight, new	no	-83	-854.1	-84	-1,108.3	-70	-1,048.1	-65	-955.7	-72	-885.6
Over 15,000 kg. unladen weight, new	no	224	11,030.8	276	15,954.4	341	19,595.3	320	20,248.9	223	16,068.3
Rotorcraft, new	no	170	46.8	182	-1.2	74	-121.1	63	-72.1	15	-106.0
Used or rebuilt	no	1,503	296.4	1,781	419.5	1,479	513.4	793	981.9	450	750.6
Military aircraft	no	817	780.4	417	1,399.7	518	1,928.3	366	2,026.9	591	1,446.6
New	no	622	819.3	365	1,369.7	354	1,686.3	320	1,860.2	512	1,396.5
Used or rebuilt	no	195	56.2	52	67.2	164	252.7	46	169.0	79	53.0
Aircraft engines and parts		----	2,627.5	----	2,024.3	----	1,932.1	----	812.0	----	855.5
Piston engines and parts	mt	----	254.0	----	320.1	----	309.3	----	217.9	----	207.0
Complete engines, new and used	no	5,115	87.9	3,259	74.6	-2,114	50.9	4,426	59.8	5,071	85.5
Engine parts	mt	6,715	166.2	3,702	245.6	5,143	258.4	5,157	158.1	3,000	121.5
Reaction/turbine engines and parts*		----	2,470.0	----	1,814.7	----	1,743.1	----	713.3	----	770.5
Complete engines, new and used	no	15,351	136.7	18,796	-553.1	14,644	-106.7	15,336	-176.5	14,605	-162.4
Engine parts		----	2,333.3	----	2,367.9	----	1,849.8	----	889.8	----	932.9
Propellers, rotors, and parts		----	243.0	----	316.3	----	281.2	----	262.6	----	284.8
Landing gear and parts		----	238.4	----	229.3	----	246.1	----	282.2	----	278.9
Aircraft parts and accessories, n.e.c.		----	5,327.6	----	5,542.2	----	5,439.0	----	5,340.1	----	5,929.4
Avionics		----	525.2	----	516.2	----	391.9	----	380.7	----	279.9
Flight simulators and parts		----	138.3	----	55.4	----	72.4	----	0.3	----	122.4
Guided missiles and parts		----	914.0	----	1,191.8	----	1,133.9	----	1,311.3	----	1,125.7
Space vehicles and parts		----	79.5	----	-149.8	----	111.2	----	-19.7	----	38.8
Missile and space vehicle propulsion units and parts		----	10.4	----	28.0	----	-2.5	----	8.1	----	4.5
Communication satellites and parts		----	345.9	----	626.8	----	267.0	----	281.1	----	433.5

^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)

n.e.c.=not elsewhere classified

NOTE: Totals do not correspond to SIC-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. Balance of Trade in Aerospace Vehicles and Equipment
(Quantity as indicated, Values in millions of dollars)

Items	Units	1994 ^r		1995 ^r		1996		1997		1998	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Aerospace vehicles and equipment, total		----	\$24,842.4	----	\$21,309.8	----	\$26,878.1	----	\$32,753.8	----	\$61,721.4
Total Aircraft		----	15,088.0	----	10,196.4	----	15,037.3	----	20,997.7	----	28,194.3
Nonpowered aircraft		----	3.3	----	10.8	----	3.6	----	3.0	----	4.0
Airplanes and other Aircraft <= 450 kg	no	42	3.2	30	5.4	88	12.0	3	3.1	-53	6.3
Civilian Aircraft	no	574	14,010.5	585	8,643.0	407	11,221.8	528	18,608.4	469	24,369.1
450-4,536 kg. unladen weight, new	no	199	240.9	208	262.1	108	300.4	183	449.2	188	308.2
4,536-15,000 kg. unladen weight, new	no	-86	163.4	-101	-1,200.2	-157	-1,886.9	-123	-2,044.9	-191	-3,147.0
Over 15,000 kg. unladen weight, new	no	187	14,794.2	114	9,555.8	153	12,801.4	229	20,108.3	308	26,762.7
Rotorcraft, new	no	-56	-233.7	2	-130.0	31	-148.8	18	-253.9	-37	-388.9
Used or rebuilt	no	327	551.2	356	155.1	272	155.6	221	349.6	201	834.0
Military aircraft	no	369	1,071.1	404	1,537.2	405	3,799.9	390	2,383.2	337	3,814.9
New	no	323	810.0	440	1,502.6	302	3,529.5	356	2,294.9	262	3,607.3
Used or rebuilt	no	46	260.0	17	61.2	103	270.4	34	88.3	75	207.6
Aircraft engines and parts		----	1,148.5	----	1,433.9	----	1,340.8	----	1,035.1	----	900.5
Piston engines and parts		----	170.7	----	233.0	----	168.5	----	252.7	----	219.3
Complete engines, new and used	no	2,199	58.7	3,104	92.6	1,793	74.4	14,291	181.7	7,564	155.1
Engine parts	mt	3,434	112.0	2,793	140.5	2,182	94.0	1,690	71.0	1,317	64.1
Reaction/turbine engines and parts*		----	977.5	----	1,200.4	----	1,004.9	----	608.8	----	681.1
Complete engines, new and used	no	2,652	-187.7	4,273	28.8	2,674	199.0	6,781	-674.0	8,559	-657.9
Engine parts		----	1,165.3	----	1,171.5	----	806.1	----	1,284.1	----	1,330.3
Propellers, rotors, and parts		----	279.8	2,584	300.9	2,974	374.1	3,360	454.4	3,157	548.2
Landing gear and parts		----	249.0	3,138	316.4	4,321	398.0	4,997	385.2	7,325	745.6
Aircraft parts and accessories, n.e.c.		----	6,324.1	----	6,775.9	----	7,184.8	----	7,265.4	----	7,669.4
Avionics		----	340.4	----	286.4	----	558.9	----	591.1	----	716.7
Flight simulators and parts	mt	----	88.1	1,391	66.5	1,665	102.1	1,494	85.5	2,289	-7.2
Guided missiles and parts		----	1,008.1	----	1,371.6	----	1,074.4	----	1,033.9	----	824.3
Space vehicles and parts		----	96.2	----	-13.4	----	133.9	----	-208.1	----	11.1
Missile and space vehicle propulsion units and parts		----	17.8	----	40.2	----	6.4	----	-37.0	----	0.4
Communication satellites and parts		----	333.3	----	718.9	----	551.3	----	924.6	----	1,104.4

^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)

n.e.c.=not elsewhere classified

NOTE: Totals do not correspond to SIC-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

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U.S. Balance of Trade in Aerospace Vehicles and Equipment
(Quantity as indicated, Values in millions of dollars)

Items	Units	1999 ^f		2000 ^f		2001 ^f		2002 ^f		2003 ^f	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Aerospace vehicles and equipment, total		----	\$36,966.1	----	\$26,508.9	----	\$29,966.0	----	\$29,824.8	----	\$27,790.4
Total Aircraft		----	23,423.8	----	12,370.7	----	12,082.7	----	14,782.3	----	12,417.6
Nonpowered aircraft		----	4.3	----	5.6	----	5.7	----	-1.8	----	3.4
Airplanes and other Aircraft <= 450 kg	no	-430	-4.5	-137	2.3	-492	-2.7	-82	2.3	-34	5.6
Civilian Aircraft	no	421	19,211.9	397	9,817.9	371	9,917.3	362	13,240.6	549	10,295.6
450-4,536 kg. unladen weight, new	no	331	663.4	215	302.6	285	290.6	77	105.5	-3	160.9
4,536-15,000 kg. unladen weight, new	no	-273	-4,068.8	-265	-4,257.3	-296	-5,206.7	-264	-5,334.1	-290	-5,290.6
Over 15,000 kg. unladen weight, new	no	243	22,273.2	123	14,092.8	86	15,465.2	130	17,200.1	86	15,189.7
Rotorcraft, new	no	-36	-295.0	64	-322.4	83	-277.9	116	-234.1	226	-162.8
Used or rebuilt	no	156	639.2	260	2.3	213	-353.9	303	1,503.1	530	398.4
Military aircraft	no	-174	4,204.0	-163	2,537.0	-867	2,147.2	234	1,541.2	234	2,113.0
New	no	-231	3,905.6	-53	2,466.4	-410	1,909.5	127	1,364.0	143	1,602.4
Used or rebuilt	no	57	298.3	135	74.6	104	245.3	107	177.2	91	510.6
Aircraft engines and parts		----	2,094.9	----	3,217.3	----	2,122.9	----	3,526.9	----	4,056.7
Piston engines and parts		----	271.7	----	225.8	----	243.6	----	156.9	----	215.8
Complete engines, new and used	no	8,339	168.9	5,021	140.4	15,560	192.8	8,248	113.4	9,533	181.0
Engine parts	mt	952	102.8	327	85.4	799	50.7	527	43.5	186	34.8
Reaction/turbine engines and parts*		----	1,823.0	----	2,991.3	----	1,879.0	----	3,382.8	----	3,840.9
Complete engines, new and used	no	9,678	-360.8	5,441	1,061.0	6,872	404.5	-2,422	793.3	7,716	2,063.7
Engine parts		----	2,183.8	----	1,930.3	----	1,474.5	----	2,576.8	----	1,777.2
Propellers, rotors, and parts	mt	3,012	582.0	3,647	549.0	2,873	512.1	2,191	417.2	2,419	372.1
Landing gear and parts	mt	5,427	657.8	5,456	602.3	4,794	549.9	3,998	521.8	4,688	612.9
Aircraft parts and accessories, n.e.c.		----	8,008.2	----	8,159.4	----	8,373.2	----	7,894.2	----	8,402.3
Avionics		----	880.4	----	774.3	----	902.3	----	944.6	----	661.3
Flight simulators and parts	mt	2,787	-33.2	1,328	66.9	853	-173.8	556	-11.0	758	80.0
Guided missiles and parts		----	1,020.1	----	936.6	----	1,017.1	----	1,089.7	----	766.1
Space vehicles and parts		----	-103.9	----	-290.3	----	-64.0	----	417.1	----	199.4
Missile and space vehicle propulsion units and parts		----	0.0	----	-26.4	----	-34.9	----	0.7	----	-5.6
Communication satellites and parts		----	412.2	----	102.4	----	203.5	----	241.1	----	187.9

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

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U.S. Balance of Trade in Aerospace Vehicles and Equipment
(Quantity as indicated, Values in millions of dollars)

Items	Units	2004 ^r		2005 ^r		2006 ^r		2007	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Aerospace vehicles and equipment, total		----	\$30,916.2	----	\$39,578.9	----	\$54,704.1	----	\$60,486.5
Total Aircraft		----	13,105.7	----	19,557.5	----	33,326.6	----	38,594.3
Nonpowered aircraft		----	1.6	----	0.7	----	-2.3	----	-2.5
Airplanes and other Aircraft <= 450 kg	no		6 4.3		-67 2.1		-11 -2.3		-71 3.6
Civilian Aircraft	no		942 10,823.8		1,441 17,205.1		1,720 28,896.7		2,274 34,612.9
450-4,536 kg. unladen weight, new	no		108 122.9		228 309.5		288 344.5		369 546.7
4,536-15,000 kg. unladen weight, new	no		-176 -3,226.0		-59 -1,410.0		-26 -925.0		-8 -948.0
Over 15,000 kg. unladen weight, new	no		36 13,183.6		48 15,716.0		181 27,956.9		196 33,507.8
Rotorcraft, new	no		340 -173.9		475 47.3		428 -15.0		591 221.4
Used or rebuilt	no		634 917.3		749 2,542.2		849 1,535.2		1,126 1,285.0
Military aircraft	no		217 2,278.1		276 2,352.2		736 4,461.7		703 3,980.3
New	no		143 2,197.0		246 2,307.6		693 4,443.9		628 3,873.1
Used or rebuilt	no		74 81.1		30 44.7		43 17.9		75 107.2
Aircraft engines and parts		----	5,262.2	----	6,415.9	----	5,741.5	----	6,416.4
Piston engines and parts		----	210.1	----	222.5	----	83.3	----	117.7
Complete engines, new and used	no		17,181 230.4		12,972 220.6		13,263 180.6		36,844 235.2
Engine parts	mt		1,437 -20.3		1,368 1.8		212 -97.5		2 -117.5
Reaction/turbine engines and parts*		----	5,052.0	----	6,198.9	----	5,658.2	----	6,258.4
Complete engines, new and used	no		7,446 2,695.4		12,947 3,714.0		16,172 2,703.3		10,746 3,307.4
Engine parts		----	2,356.6	----	2,479.5	----	2,955.0	----	2,951.1
Propellers, rotors, and parts	mt		2,405 395.0		2,376 400.2		1,274 376.7		842 367.3
Landing gear and parts	mt		5,359 706.6		4,912 705.3		2,149 763.7		-324 763.8
Aircraft parts and accessories, n.e.c.		----	9,087.9	----	10,399.2	----	12,114.1	----	11,326.0
Avionics		----	888.0	----	737.5	----	691.6	----	1,099.6
Flight simulators and parts	mt		480 24.8		510 70.5		437 110.3		-201 87.3
Guided missiles and parts		----	849.1	----	826.5	----	1,146.4	----	1,084.8
Space vehicles and parts		----	25.3	----	196.1	----	25.4	----	-2.6
Missile and space vehicle propulsion units and parts		----	-4.0	----	-24.6	----	-17.6	----	-27.2
Communication satellites and parts		----	541.1	----	254.0	----	382.5	----	779.8

^r Revised from previously published data. Revisions to trade data based on Bureau of the Census, *Historical Summary 2002-2006*.

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

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