

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 ^r		2008	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Aerospace vehicles and equipment, total		----	\$30,916.2	----	\$39,578.9	----	\$54,704.1	----	\$60,662.6	----	\$57,750.3
Total Aircraft		----	13,105.7	----	19,557.5	----	33,326.6	----	38,564.6	----	34,462.3
Nonpowered aircraft		----	1.6	----	0.7	----	-2.3	----	-2.5	----	-1.4
Airplanes and other Aircraft <= 450 kg	no		6		-67		2.1		-11		-2.3
Civilian Aircraft	no		942		10,823.8		1,441		17,205.1		1,720
450-4,536 kg. unladen weight, new	no		108		122.9		228		309.5		288
4,536-15,000 kg. unladen weight, new	no		-176		-3,226.0		-59		-1,410.0		-26
Over 15,000 kg. unladen weight, new	no		36		13,183.6		48		15,716.0		181
Rotorcraft, new	no		340		-173.9		475		47.3		428
Used or rebuilt	no		634		917.3		749		2,542.2		849
Military aircraft	no		217		2,278.1		276		2,352.2		736
New	no		143		2,197.0		246		2,307.6		693
Used or rebuilt	no		74		81.1		30		44.7		43
Aircraft engines and parts		----	5,262.2	----	6,415.9	----	5,741.5	----	6,524.4	----	7,651.6
Piston engines and parts		----	210.1	----	222.5	----	83.3	----	125.9	----	70.3
Complete engines, new and used	no		17,181		230.4		12,972		220.6		13,263
Engine parts	mt		1,437		-20.3		1,368		1.8		212
Reaction/turbine engines and parts*		----	5,052.0	----	6,198.9	----	5,658.2	----	6,398.6	----	7,581.3
Complete engines, new and used	no		7,446		2,695.4		12,947		3,714.0		16,172
Engine parts		----	2,356.6	----	2,479.5	----	2,955.0	----	2,982.8	----	3,091.8
Propellers, rotors, and parts	mt		2,405		395.0		2,376		400.2		1,274
Landing gear and parts	mt		5,359		706.6		4,912		705.3		2,149
Aircraft parts and accessories, n.e.c.		----	9,087.9	----	10,399.2	----	12,114.1	----	11,373.6	----	11,881.2
Aircraft communications equipment		----	359.5	----	431.1	----	430.6	----	393.3	----	388.1
Aerospace navigation instruments		----	528.5	----	306.3	----	260.9	----	727.6	----	767.5
Flight simulators and parts	mt		480		24.8		510		70.5		437
Guided missiles and parts		----	849.1	----	826.5	----	1,146.4	----	1,084.8	----	1,143.7
Space vehicles and parts		----	25.3	----	196.1	----	25.4	----	-2.8	----	-52.0
Missile and space vehicle propulsion units and parts		----	-4.0	----	-24.6	----	-17.6	----	-27.2	----	-12.9
Communication satellites and parts		----	541.1	----	254.0	----	382.5	----	779.8	----	311.0

^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)

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.

Data shown for certain products are not 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. Balance of Trade in Aerospace Vehicles and Equipment

(Quantity as indicated, 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		----	\$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	-1,602	102.8	-1,925	85.4	-2,248	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
Aircraft communications equipment		----	449.0	----	455.2	----	491.2	----	460.1	----	191.9
Aerospace navigation instruments and parts		----	431.4	----	319.1	----	411.1	----	484.4	----	469.4
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

^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)

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.

Data shown for certain products are not 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. 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	-865	112.0	-940	140.5	-1,094	94.0	-1,280	71.0	-1,260	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	----	300.9	----	374.1	----	454.4	----	548.2
Landing gear and parts		----	249.0	----	316.4	----	398.0	----	385.2	----	745.6
Aircraft parts and accessories, n.e.c.		----	6,324.1	----	6,775.9	----	7,184.8	----	7,265.4	----	7,669.4
Aircraft communications equipment		----	177.5	----	190.2	----	259.5	----	274.4	----	350.1
Aerospace navigation instruments and parts		----	162.9	----	96.1	----	299.4	----	316.7	----	366.6
Flight simulators and parts		----	88.1	----	66.5	----	102.1	----	85.5	----	-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*.

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U.S. Balance of Trade in Aerospace Vehicles and Equipment

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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
Aircraft communications equipment		----	221.3	----	227.7	----	234.2	----	218.3	----	174.4
Aerospace navigation instruments and parts		----	303.8	----	288.5	----	157.7	----	162.5	----	105.5
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)

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