

Industry Trends: Aircraft Manufacturing (NAICS 336411)

(in millions of dollars except as noted)

Item	1992	1993	1994	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r
Industry Data								
Value of shipments ¹	62,940.1	55,119.8	50,970.2	47,028.4	47,312.6	57,893.2	69,540.6	64,307.4
Value of shipments (1997\$)				49,090.2	47,887.2	57,893.2	69,471.1	56,606.6
Total employment (1,000)	264.6	241.2	218.4	189.0	188.3	202.5	213.1	165.0
Production workers (1,000)	122.1	104.4	92.9	84.0	84.5	97.7	106.2	77.4
Hours (millions)	226.6	198.7	173.1	155.2	164.7	185.6	200.4	155.8
Wages (\$ millions)	4,532.2	3,953.6	3,591.3	3,437.3	3,807.8	4,426.8	4,812.6	4,446.4
Average hourly earnings (\$)	20.00	19.90	20.75	22.15	23.12	23.85	24.02	28.55
Capital expenditures	1,660.2	1,154.4	877.2	586.0	622.2	774.9	904.4	906.0
Product Data								0.0
Value of shipments ²	56,569.3	51,005.9	46,813.7	44,456.5	44,583.6	51,484.5	62,357.2	61,184.2
Value of shipments (1997\$)				46,405.5	45,125.1	51,484.5	62,294.9	53,857.5
Trade Data								0.0
Value of exports	26,292.4	21,279.1	18,810.3	13,851.7	18,984.1	25,560.1	35,252.2	27,122.0
Value of imports	3,863.0	3,808.8	3,722.3	3,655.3	3,947.6	4,669.0	7,057.9	12,339.7
Balance	22,429.4	17,470.3	15,088.0	10,196.4	15,036.5	20,891.1	28,194.3	14,782.3

Industry Trends: Aircraft Engines and Engine Parts Manufacturing (NAICS 336412)

(in millions of dollars except as noted)

Item	1992	1993	1994	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r
Industry Data								
Value of shipments ¹	22,407.5	18,946.1	16,584.3	17,519.4	18,769.2	22,859.3	24,868.5	24,343.0
Value of shipments (1997\$)				18,154.8	20,269.1	22,859.3	22,105.4	23,819.0
Total employment (1,000)	120.4	102.9	84.2	76.3	75.1	84.4	84.6	85.1
Production workers (1,000)	66.5	53.6	45.5	41.9	41.4	49.1	49.4	49.6
Hours (millions)	134.5	111.0	94.1	92.7	85.5	101.0	103.8	99.1
Wages (\$ millions)	2,319.8	1,904.1	1,767.8	1,684.2	1,708.7	1,971.1	2,034.3	1,985.6
Average hourly earnings (\$)	17.25	17.15	18.79	18.17	19.98	19.52	19.59	20.04
Capital expenditures	598.1	439.5	435.1	475.0	485.0	679.8	733.4	787.1
Product Data								
Value of shipments ²	20,932.6	17,995.2	15,218.3	15,810.7	17,016.5	20,077.2	22,201.9	21,606.3
Value of shipments (1997\$)				16,384.1	18,376.3	20,077.2	19,735.0	21,141.2
Trade Data								
Value of exports	6,612.3	6,150.7	6,341.8	6,081.2	6,781.6	8,507.5	10,467.1	11,332.8
Value of imports	5,729.2	5,223.3	5,243.0	4,702.1	5,647.9	7,693.0	9,612.3	9,313.9
Balance	883.1	927.4	1,098.8	1,379.1	1,133.7	814.5	854.8	2,018.9

Industry Trends: Other Aircraft Parts and Auxiliary Equipment Manufacturing (NAICS 336413)

(in millions of dollars except as noted)

Item	1992	1993	1994	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r
Industry Data								
Value of shipments ¹	19,510.6	18,264.3	17,048.6	16,847.6	17,311.8	19,373.6	22,402.7	22,500.7
Value of shipments (1997\$)				17,458.7	17,557.6	19,373.6	22,147.4	22,130.1
Total employment (1,000)	163.1	139.4	121.6	116.3	113.4	124.7	141.0	132.7
Production workers (1,000)	92.0	78.4	66.1	64.0	64.5	72.8	82.7	74.8
Hours (millions)	190.8	163.3	136.2	129.0	136.2	155.5	180.3	155.3
Wages (\$ millions)	3,188.3	2,999.1	2,615.0	2,544.8	2,720.7	3,019.5	3,473.2	3,226.3
Average hourly earnings (\$)	16.71	18.37	19.20	19.73	19.98	19.42	19.26	20.77
Capital expenditures	1,111.5	713.1	656.2	673.0	916.1	925.1	975.2	782.7
Product Data								
Value of shipments ²	20,884.9	17,750.1	16,790.3	16,454.7	17,532.0	22,917.1	27,060.9	26,457.4
Value of shipments (1997\$)				17,051.5	17,780.9	22,917.1	26,752.4	26,021.6
Trade Data								
Value of exports	8,880.6	8,871.7	9,239.7	9,850.1	12,687.7	14,389.8	14,389.8	14,577.7
Value of imports	2,952.7	2,338.0	2,353.0	2,427.9	3,300.7	4,633.1	5,408.6	5,240.4
Balance	5,927.9	6,533.7	6,886.8	7,422.2	9,387.0	9,756.7	8,981.2	9,337.3

Industry Trends: Aircraft and Parts Manufacturing (NAICS 336411/2/3)

(in millions of dollars except as noted) [Industry totals from Annual Survey of Manufactures, may vary from total of subcategories due to rounding]

Item	1992	1993	1994	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r
Industry Data								
Value of shipments ¹	104,585.3	92,330.2	84,603.1	81,395.4	83,393.6	100,126.1	116,811.9	111,151.1
Value of shipments (1997\$)	0.0	0.0	0.0	84,703.7	85,714.0	100,126.1	113,723.9	102,555.7
Total employment (1,000)	548.1	483.5	424.2	381.6	376.7	411.5	438.7	382.7
Production workers (1,000)	280.5	236.4	204.5	189.9	190.4	219.7	238.3	201.8
Hours (millions)	552.0	473.0	403.4	376.9	386.5	442.1	484.5	410.2
Wages (\$ millions)	10,040.3	8,856.8	7,974.1	7,666.3	8,237.2	9,417.5	10,320.1	9,658.3
Average hourly earnings (\$)	18.19	18.72	19.77	20.34	21.31	21.30	21.30	23.55
Capital expenditures	3,369.8	2,307.0	1,968.5	1,734.0	2,023.4	2,379.7	2,613.1	2,475.8
Product Data								
Value of shipments ²	98,386.8	86,751.2	78,822.3	76,721.9	79,132.1	94,478.8	111,620.0	109,248.0
Value of shipments (1997\$)	0.0	0.0	0.0	79,841.2	81,282.4	94,478.8	108,782.3	101,020.2
Trade Data								
Value of exports	41,785.3	36,301.5	34,391.8	29,782.9	38,453.4	48,457.4	60,109.1	53,032.5
Value of imports	12,544.9	11,370.1	11,318.2	10,785.2	12,896.2	16,995.1	22,078.8	26,894.0
Balance	29,240.4	24,931.4	23,073.6	18,997.7	25,557.2	31,462.2	38,030.3	26,138.5

^rEstimate, except exports and imports

^rRevised from previously published data.

¹Value of all products and services sold by establishments in the specified NAICS industry.

²Value of products classified in the specified NAICS industry produced by all industries.

The value of shipments includes research and development and other aeronautical services performed on aircraft and engines. It also includes modifications, conversion, and overhaul of previously accepted aircraft.

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

Industry Trends: Aircraft Manufacturing (NAICS 336411)

(in millions of dollars except as noted)

Item	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data							
Value of shipments ¹	65,783.5	69,512.0	64,307.4	58,766.8	59,971.4	64,624.4	69,100.5
Value of shipments (1997\$)	61,802.7	62,272.8	56,606.6				
Total employment (1,000)	183.1	178.9	165.0	162.8	156.1	159.2	159.1
Production workers (1,000)	86.8	82.3	77.4	79.7	76.9	78.6	81.4
Hours (millions)	185.2	172.8	155.8	156.9	142.2	150.3	153.4
Wages (\$ millions)	4,504.8	4,081.0	4,446.4	4,506.5	4,571.8	5,186.6	5,146.1
Average hourly earnings (\$)	24.33	23.61	28.55	28.72	32.16	34.50	33.54
Capital expenditures	616.9	610.7	906.0	694.9	765.4	1,064.6	983.5
Product Data							
Value of shipments ²	58,903.6	62,655.0	61,184.2	55,255.9	55,895.2	64,189.9	68,690.6
Value of shipments (1997\$)	55,339.2	56,129.9	53,857.5				
Trade Data							
Value of exports	24,788.8	26,961.8	27,122.0	24,659.2	24,502.3	30,298.7	43,940.2
Value of imports	12,418.1	14,890.5	12,339.7	12,241.6	11,396.6	10,741.2	10,613.6
Balance	12,370.7	12,071.3	14,782.3	12,417.6	13,105.7	19,557.5	33,326.6

Industry Trends: Aircraft Engines and Engine Parts Manufacturing (NAICS 336412)

(in millions of dollars except as noted)

Item	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data							
Value of shipments ¹	25,124.7	27,490.3	23,532.0	23,538.8	24,285.6	26,337.7	28,180.9
Value of shipments (1997\$)	24,015.6	25,537.5	21,659.2				
Total employment (1,000)	82.0	79.9	71.8	65.0	66.5	68.1	64.4
Production workers (1,000)	47.2	47.4	40.1	37.4	37.5	39.6	37.8
Hours (millions)	94.7	94.0	82.8	76.2	75.4	79.2	77.4
Wages (\$ millions)	2,014.5	2,115.5	1,920.4	1,894.4	1,998.0	2,173.0	2,153.6
Average hourly earnings (\$)	21.27	22.50	23.20	24.88	26.49	27.44	27.82
Capital expenditures	695.5	895.7	796.0	672.2	435.8	550.4	451.7
Product Data							
Value of shipments ²	22,255.3	23,939.9	20,630.9	20,604.7	21,356.7	22,935.5	24,442.2
Value of shipments (1997\$)	21,272.9	22,239.3	18,989.0				
Trade Data							
Value of exports	12,126.9	12,786.6	12,233.6	11,425.3	13,504.6	16,216.2	17,091.8
Value of imports	8,968.8	10,721.6	8,748.9	7,445.3	8,377.9	9,893.1	11,420.5
Balance	3,158.1	2,065.0	3,484.6	3,980.0	5,126.7	6,323.1	5,671.3

Industry Trends: Other Aircraft Parts and Auxiliary Equipment Manufacturing (NAICS 336413)

(in millions of dollars except as noted)

Item	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data							
Value of shipments ¹	20,750.1	21,638.3	20,794.4	20,625.7	21,593.3	23,099.7	27,093.4
Value of shipments (1997\$)	20,250.0	20,739.1	19,534.0				
Total employment (1,000)	119.7	116.8	98.4	95.2	88.0	91.3	91.4
Production workers (1,000)	70.7	68.2	54.0	51.4	45.8	47.8	49.4
Hours (millions)	148.7	142.5	113.5	107.2	95.3	96.9	98.2
Wages (\$ millions)	3,286.4	3,127.5	2,666.1	2,450.3	2,352.0	2,315.8	2,571.5
Average hourly earnings (\$)	22.11	21.95	23.48	22.85	24.67	23.89	26.18
Capital expenditures	581.8	552.4	652.5	492.0	582.6	550.5	926.5
Product Data							
Value of shipments ²	23,974.5	25,098.6	21,100.0	21,071.8	22,707.7	23,298.1	27,301.6
Value of shipments (1997\$)	23,396.6	24,055.5	19,821.2				
Trade Data							
Value of exports	14,422.8	15,221.9	13,436.0	13,619.3	14,666.0	16,799.0	19,837.2
Value of imports	5,068.4	5,666.4	4,587.2	4,203.5	4,425.0	5,240.2	6,469.4
Balance	9,354.5	9,555.5	8,848.8	9,415.8	10,241.0	11,558.8	13,367.8

Industry Trends: Aircraft and Parts Manufacturing (NAICS 336411/2/3)

(in millions of dollars except as noted) [Industry totals from Annual Survey of Manufactures, may vary from total of subcategories due to rounding]

Item	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data							
Value of shipments ¹	111,658.3	118,640.6	108,633.8	102,931.3	105,850.3	114,061.8	124,374.8
Value of shipments (1997\$)	106,068.3	108,549.3	97,799.8				
Total employment (1,000)	384.7	375.7	335.2	323.0	310.6	318.6	314.9
Production workers (1,000)	204.7	197.8	171.4	168.5	160.2	166.0	168.6
Hours (millions)	428.6	409.4	352.1	340.3	312.9	326.4	329.0
Wages (\$ millions)	9,805.7	9,324.1	9,032.9	8,851.2	8,921.9	9,675.4	9,871.1
Average hourly earnings (\$)	22.88	22.78	25.65	26.01	28.51	29.64	30.00
Capital expenditures	1,894.2	2,058.8	2,354.4	1,859.1	1,783.7	2,165.5	2,361.6
Product Data							
Value of shipments ²	105,133.4	111,693.5	102,915.2	96,932.5	99,959.6	110,423.5	120,434.5
Value of shipments (1997\$)	100,008.8	102,424.7	92,667.6				
Trade Data							
Value of exports	51,338.5	54,970.3	52,791.6	49,703.8	52,672.9	63,313.9	80,869.2
Value of imports	26,455.3	31,278.6	25,675.8	23,890.4	24,199.5	25,874.4	28,503.5
Balance	24,883.2	40,079.8	40,451.9	37,462.2	41,276.3	52,572.7	70,255.6

^eEstimate, except exports and imports^fRevised from previously published data.¹Value of all products and services sold by establishments in the specified NAICS industry.²Value of products classified in the specified NAICS industry produced by all industries.

The value of shipments includes research and development and other aeronautical services performed on aircraft and engines. It also includes modifications, conversion, and overhaul of previously accepted aircraft.

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

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