

Industry Trends: Aircraft Manufacturing (NAICS 336411)

(in millions of dollars except as noted)

Item	1996	1997 ^f	1998 ^f	1999 ^f	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data											
Value of shipments ¹	47,312.6	57,893.2	69,540.6	73,397.5	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\$)	47,887.2	57,893.2	69,471.1	72,384.1	61,802.7	62,272.8	56,606.6				
Total employment (1,000)	188.3	202.5	213.1	194.2	183.1	178.9	165.0	162.8	156.1	159.2	159.1
Production workers (1,000)	84.5	97.7	106.2	96.1	86.8	82.3	77.4	79.7	76.9	78.6	81.4
Hours (millions)	164.7	185.6	200.4	196.5	185.2	172.8	155.8	156.9	142.2	150.3	153.4
Wages (\$ millions)	3,807.8	4,426.8	4,812.6	4,677.2	4,504.8	4,081.0	4,446.4	4,506.5	4,571.8	5,186.6	5,146.1
Average hourly earnings (\$)	23.12	23.85	24.02	23.81	24.33	23.61	28.55	28.72	32.16	34.50	33.54
Capital expenditures	622.2	774.9	904.4	767.8	616.9	610.7	906.0	694.9	765.4	1,064.6	983.5
Product Data											
Value of shipments ²	44,583.6	51,484.5	62,357.2	66,012.2	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\$)	45,125.1	51,484.5	62,294.9	65,100.8	55,339.2	56,129.9	53,857.5				
Trade Data											
Value of exports	18,984.1	25,560.1	35,252.2	32,650.6	24,788.8	26,961.8	27,122.0	24,659.2	24,502.3	30,298.7	43,940.2
Value of imports	3,947.6	4,669.0	7,057.9	9,226.7	12,418.1	14,890.5	12,339.7	12,241.6	11,396.6	10,741.2	10,613.6
Balance	15,036.5	20,891.1	28,194.3	23,423.8	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	1996	1997 ^f	1998 ^f	1999 ^f	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006
Industry Data											
Value of shipments ¹	18,769.2	22,859.3	24,868.5	24,343.0	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\$)	20,269.1	22,859.3	22,105.4	23,819.0	24,015.6	25,537.5	21,659.2				
Total employment (1,000)	75.1	84.4	84.6	85.1	82.0	79.9	71.8	65.0	66.5	68.1	64.4
Production workers (1,000)	41.4	49.1	49.4	49.6	47.2	47.4	40.1	37.4	37.5	39.6	37.8
Hours (millions)	85.5	101.0	103.8	99.1	94.7	94.0	82.8	76.2	75.4	79.2	77.4
Wages (\$ millions)	1,708.7	1,971.1	2,034.3	1,985.6	2,014.5	2,115.5	1,920.4	1,894.4	1,998.0	2,173.0	2,153.6
Average hourly earnings (\$)	19.98	19.52	19.59	20.04	21.27	22.50	23.20	24.88	26.49	27.44	27.82
Capital expenditures	485.0	679.8	733.4	787.1	695.5	895.7	796.0	672.2	435.8	550.4	451.7
Product Data											
Value of shipments ²	17,016.5	20,077.2	22,201.9	21,606.3	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\$)	18,376.3	20,077.2	19,735.0	21,141.2	21,272.9	22,239.3	18,989.0				
Trade Data											
Value of exports	6,781.6	8,507.5	10,467.1	11,332.8	12,126.9	12,786.6	12,233.6	11,425.3	13,504.6	16,216.2	17,091.8
Value of imports	5,647.9	7,693.0	9,612.3	9,313.9	8,968.8	10,721.6	8,748.9	7,445.3	8,377.9	9,893.1	11,420.5
Balance	1,133.7	814.5	854.8	2,018.9	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	1996	1997 ^r	1998	1999	2000	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	17,311.8	19,373.6	22,402.7	22,500.7	20,750.1	21,638.3	20,799.5	20,625.7	21,593.3	23,099.7	27,093.4
Value of shipments (1997\$)	17,557.6	19,373.6	22,147.4	22,130.1	20,250.0	20,739.1	19,538.8				
Total employment (1,000)	113.4	124.7	141.0	132.7	119.7	116.8	98.5	95.2	88.0	91.3	91.4
Production workers (1,000)	64.5	72.8	82.7	74.8	70.7	68.2	54.0	51.4	45.8	47.8	49.4
Hours (millions)	136.2	155.5	180.3	155.3	148.7	142.5	113.6	107.2	95.3	96.9	98.2
Wages (\$ millions)	2,720.7	3,019.5	3,473.2	3,226.3	3,286.4	3,127.5	2,667.1	2,450.3	2,352.0	2,315.8	2,571.5
Average hourly earnings (\$)	19.98	19.42	19.26	20.77	22.11	21.95	23.48	22.85	24.67	23.89	26.18
Capital expenditures	916.1	925.1	975.2	782.7	581.8	552.4	652.5	492.0	582.6	550.5	926.5
Product Data											
Value of shipments ²	17,532.0	22,917.1	27,060.9	26,457.4	23,974.5	25,098.6	21,091.6	21,071.8	22,707.7	23,298.1	27,301.6
Value of shipments (1997\$)	17,780.9	22,917.1	26,752.4	26,021.6	23,396.6	24,055.5	19,813.3				
Trade Data											
Value of exports	11,193.0	12,687.7	14,389.8	14,577.7	14,422.8	15,221.9	13,436.0	13,619.3	14,666.0	16,799.0	19,837.2
Value of imports	3,300.7	4,633.1	5,408.6	5,240.4	5,068.4	5,666.4	4,587.2	4,203.5	4,425.0	5,240.2	6,469.4
Balance	7,892.2	8,054.6	8,981.2	9,337.3	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	1996	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	83,393.6	100,126.1	116,811.9	120,241.3	111,658.3	118,640.6	108,638.9	102,931.3	105,850.3	114,061.8	124,374.8
Value of shipments (1997\$)	85,714.0	100,126.1	113,723.9	118,333.2	106,068.3	108,549.3	97,804.6				
Total employment (1,000)	376.7	411.5	438.7	411.9	384.7	375.7	335.3	323.0	310.6	318.6	314.9
Production workers (1,000)	190.4	219.7	238.3	220.5	204.7	197.8	171.4	168.5	160.2	166.0	168.6
Hours (millions)	386.5	442.1	484.5	450.9	428.6	409.4	352.2	340.3	312.9	326.4	329.0
Wages (\$ millions)	8,237.2	9,417.5	10,320.1	9,889.1	9,805.7	9,324.1	9,033.9	8,851.2	8,921.9	9,675.4	9,871.1
Average hourly earnings (\$)	21.31	21.30	21.30	21.93	22.88	22.78	25.65	26.01	28.51	29.64	30.00
Capital expenditures	2,023.4	2,379.7	2,613.1	2,337.6	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	79,132.1	94,478.8	111,620.0	114,076.0	105,133.4	111,693.5	102,906.8	96,932.5	99,959.6	110,423.5	120,434.5
Value of shipments (1997\$)	81,282.4	94,478.8	108,782.3	112,263.6	100,008.8	102,424.7	92,659.7				
Trade Data											
Value of exports	36,958.7	46,755.2	60,109.1	58,561.1	51,338.5	54,970.3	52,791.6	49,703.8	52,672.9	63,313.9	80,869.2
Value of imports	12,896.2	16,995.1	22,078.8	23,781.1	26,455.3	31,278.6	25,675.8	23,890.4	24,199.5	25,874.4	28,503.5
Balance	24,062.4	29,760.1	38,030.3	34,780.0	24,883.2	40,079.8	40,451.9	37,462.2	41,276.3	52,572.7	70,255.6

Industry Trends: Guided Missiles and Space Vehicle Manufacturing (NAICS 336414)

(in millions of dollars except as noted)

Item	1996	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	13,777.3	16,247.4	16,475.7	14,963.3	12,831.9	11,894.5	12,518.3	14,558.3	11,192.1	16,028.8	13,470.6
Value of shipments (1997\$)	13,958.8	16,247.4	16,760.6	14,815.2	12,652.7	11,655.5	12,244.6				
Total employment (1,000)	55.7	51.4	53.1	48.7	38.3	36.6	38.7	46.0	42.3	42.7	46.0
Production workers (1,000)	18.6	18.5	18.0	14.9	13.4	12.5	14.4	15.0	14.6	14.2	15.1
Hours (millions)	36.8	36.0	34.7	30.6	24.9	23.7	27.2	30.3	30.2	28.7	30.0
Wages (\$ millions)	802.6	815.7	868.8	817.4	681.1	690.7	866.9	977.7	1,011.1	1,063.4	1,117.4
Average hourly earnings (\$)	21.81	22.66	25.01	26.67	27.38	29.14	31.86	32.25	33.45	37.04	37.26
Capital expenditures	367.3	634.2	700.2	906.2	320.0	271.6	364.0	438.1	290.8	402.7	425.5
Product Data											
Value of shipments ²	10,536.1	12,465.4	12,449.1	11,354.6	10,439.9	10,395.6	10,346.7	11,584.6	12,350.2	14,775.5	15,660.5
Value of shipments (1997\$)	10,674.9	12,465.4	12,664.4	11,242.1	10,294.0	10,186.8	10,120.5				
Trade Data											
Value of exports	608.3	460.4	536.9	579.9	404.8	229.9	250.4	292.5	477.9	361.0	715.9
Value of imports	1.1	135.3	2.3	39.5	105.9	71.6	1.3	112.6	39.8	0.1	65.4
Balance	607.1	325.1	534.6	540.4	298.9	158.3	249.2	179.9	438.1	360.9	650.4

Industry Trends: Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing (NAICS 336415)

(in millions of dollars except as noted)

Item	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	2,715.0	3,101.4	3,030.1	2,879.8	2,258.2	2,412.4	2,601.4	2,653.8	2,876.7	3,035.9	3,357.2
Value of shipments (1997\$)	2,842.9	3,101.4	3,081.8	2,834.8	2,224.1	2,362.0	2,523.3				
Total employment (1,000)	17.2	17.7	18.4	17.9	14.7	15.3	14.5	13.8	13.9	13.3	14.5
Production workers (1,000)	5.5	7.9	7.8	7.6	6.5	6.3	5.5	5.0	4.8	4.8	4.7
Hours (millions)	10.8	15.6	15.6	15.5	13.6	13.2	11.1	10.8	10.8	10.4	9.5
Wages (\$ millions)	222.6	363.8	367.8	366.7	307.3	292.9	284.2	260.7	266.9	275.7	275.9
Average hourly earnings (\$)	20.61	23.38	23.63	23.60	22.56	22.11	25.65	24.15	24.64	26.47	29.16
Capital expenditures	77.5	89.3	124.8	162.0	101.6	97.7	105.9	79.8	64.5	81.5	82.4
Product Data											
Value of shipments ²	2,803.0	4,743.0	4,147.8	4,032.0	3,727.0	3,394.6	3,139.8	3,930.7	2,607.2	3,021.7	3,362.6
Value of shipments (1997\$)	2,935.1	4,743.0	4,218.6	3,968.9	3,670.8	3,323.7	3,045.6				
Trade Data											
Value of exports	23.8	9.0	10.1	24.2	20.2	9.1	30.7	34.0	30.7	16.2	25.5
Value of imports	17.4	46.0	9.7	24.3	46.6	44.0	30.0	39.7	34.7	40.8	43.1
Balance	6.4	-37.0	0.4	0.0	-26.4	-34.9	0.7	-5.6	-4.0	-24.6	-17.6

Industry Trends: Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing (NAICS 336419)

(in millions of dollars except as noted)

Item	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	1,435.9	963.4	1,086.1	903.8	839.7	796.1	927.7	830.2	1,063.4	4,156.0	1,184.1
Value of shipments (1997\$)	1,517.9	963.4	1,108.1	883.9	814.4	758.9	882.5				
Total employment (1,000)	8.1	6.4	6.8	6.1	6.0	5.5	6.2	5.7	6.3	13.4	6.2
Production workers (1,000)	4.8	4.4	4.6	4.8	4.7	3.0	3.0	3.1	3.7	4.0	3.5
Hours (millions)	10.0	8.9	9.4	9.6	9.2	6.2	6.2	6.4	7.1	7.3	6.7
Wages (\$ millions)	209.8	187.1	194.6	213.0	211.7	114.9	111.1	113.5	145.3	187.1	146.0
Average hourly earnings (\$)	20.98	20.92	20.73	22.11	23.05	18.69	18.02	17.61	20.46	25.56	21.84
Capital expenditures	45.0	28.8	39.0	15.8	10.5	20.5	18.0	12.0	25.2	331.7	39.5
Product Data											
Value of shipments ²	2,451.4	2,874.1	2,757.7	2,635.9	2,312.0	2,288.2	2,864.9	3,204.9	2,657.3	5,242.2	2,368.2
Value of shipments (1997\$)	2,591.3	2,874.1	2,813.6	2,577.9	2,242.1	2,181.2	2,725.3				
Trade Data											
Value of exports	971.3	987.8	703.6	741.3	845.9	1,134.8	1,464.2	1,053.3	885.6	1,123.3	1,058.5
Value of imports	160.0	168.8	228.5	241.1	356.4	289.2	175.7	220.5	378.2	375.2	396.8
Balance	811.3	819.0	475.2	500.1	489.4	845.7	1,288.5	832.7	507.4	748.2	661.7

Industry Trends: Guided Missiles and Space Vehicle and Parts Manufacturing (NAICS 336414/5/9)

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

Item	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	17,928.1	20,312.1	20,591.9	18,746.9	15,929.9	15,102.9	16,047.3	18,042.3	15,132.2	23,220.6	18,011.9
Value of shipments (1997\$)	18,319.6	20,312.1	20,950.5	18,533.9	15,691.1	14,776.4	15,650.4				
Total employment (1,000)	81.0	75.6	78.3	72.7	59.0	57.5	59.4	65.6	62.5	69.4	66.7
Production workers (1,000)	28.8	30.8	30.4	27.3	24.5	21.8	22.9	23.1	23.1	23.0	23.3
Hours (millions)	57.6	60.5	59.7	55.8	47.7	43.1	44.5	47.6	48.2	46.4	46.1
Wages (\$ millions)	1,235.0	1,366.6	1,431.2	1,397.1	1,200.1	1,098.5	1,262.2	1,351.9	1,423.3	1,526.2	1,539.3
Average hourly earnings (\$)	21.44	22.59	23.98	25.03	25.17	25.49	28.39	28.43	29.55	32.86	33.37
Capital expenditures	489.8	752.3	863.9	1,084.0	432.1	389.8	487.9	529.9	380.4	815.9	547.4
Product Data											
Value of shipments ²	15,790.5	20,082.5	19,354.6	18,022.4	16,478.9	16,078.4	16,351.5	18,720.3	17,614.7	23,039.4	21,391.2
Value of shipments (1997\$)	16,201.3	20,082.5	19,696.5	17,789.0	16,206.9	15,691.7	15,891.4				
Trade Data											
Value of exports	1,603.4	1,457.2	1,250.6	1,345.4	1,270.9	1,373.8	1,745.4	1,379.8	1,394.1	1,500.5	1,799.9
Value of imports	178.6	350.0	240.5	304.9	508.9	404.7	206.9	372.9	452.6	416.1	505.3
Balance	1,424.7	1,107.1	1,010.1	1,040.5	762.0	969.1	1,538.4	1,007.0	941.5	1,084.4	1,294.6

Industry Trends: Aerospace Products and Parts Manufacturing (NAICS 33641)

(in millions of dollars except as noted)

Item	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006
Industry Data											
Value of shipments ¹	101,321.7	120,438.2	137,403.7	138,988.2	127,588.1	133,743.6	124,686.2	120,973.6	120,982.5	137,282.4	142,386.8
Value of shipments (1997\$)	104,033.5	120,438.2	134,674.3	136,867.1	121,759.5	123,325.7	113,455.0				
Total employment (1,000)	457.7	487.1	517.0	484.7	443.8	433.1	394.7	388.6	373.1	388.0	381.6
Production workers (1,000)	219.2	250.4	268.7	247.8	229.2	219.6	194.4	191.6	183.3	189.0	191.9
Hours (millions)	444.1	502.6	544.2	506.7	476.3	452.5	396.6	387.8	361.1	372.9	375.2
Wages (\$ millions)	9,472.2	10,784.0	11,751.3	11,286.2	11,005.9	10,422.6	10,296.1	10,203.1	10,345.1	11,201.6	11,410.5
Average hourly earnings (\$)	21.33	21.46	21.59	22.27	23.11	23.03	25.96	26.31	28.65	30.04	30.41
Capital expenditures	2,513.2	3,132.1	3,477.0	3,421.6	2,326.3	2,448.6	2,842.3	2,389.0	2,164.1	2,981.4	2,909.0
Product Data											
Value of shipments ²	94,922.6	114,561.4	130,974.6	132,098.4	121,612.3	127,772.0	119,258.2	115,652.7	117,574.2	133,462.9	141,825.7
Value of shipments (1997\$)	97,483.7	114,561.4	128,478.9	130,052.6	116,215.7	118,116.5	108,551.1				
Trade Data											
Value of exports	38,562.0	48,212.4	61,359.7	59,906.5	52,609.4	56,344.1	54,536.9	51,083.6	54,067.0	64,814.4	82,669.1
Value of imports	13,074.8	17,345.2	22,319.3	24,086.0	26,964.2	31,683.2	25,882.7	24,263.3	24,652.2	26,290.6	29,008.8
Balance	25,487.2	30,867.2	39,040.4	35,820.5	25,645.2	24,660.9	28,654.2	26,820.3	29,414.8	38,523.8	53,660.3

^eEstimate, except exports and imports

^rRevised from previously published data.

ⁿNo change.

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.

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

Revised: 14 November 2007