

Industry Trends: Aircraft (SIC 3721)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	39,092.7	41,584.5	42,261.1	51,653.3	58,485.6	62,940.1	55,119.8	50,970.2	47,028.0	47,312.6	57,893.2
Value of shipments (1992\$)	48,744.0	50,899.0	48,744.1	56,513.5	60,795.8	62,940.1	53,775.4	48,221.6	42,908.8	41,869.6	50,606.0
Total employment (000)	268.2	274.6	268.0	290.7	260.1	264.6	241.2	218.4	189.0	188.3	202.6
Production workers (000)	141.5	139.9	146.6	139.5	125.1	122.0	104.4	92.9	84.0	84.5	97.8
Hours (millions)	282.3	274.7	268.4	269.4	246.5	226.6	198.7	173.1	159.7	164.7	185.8
Wages (\$ millions)	4,341.2	4,442.4	4,367.6	4,593.0	4,402.9	4,532.2	3,953.6	3,591.3	3,437.3	3,807.8	4,428.7
Average hourly earnings (\$)	15.38	16.17	16.27	17.05	17.86	20.00	19.90	20.75	21.52	23.12	23.84
Capital expenditures	1,052.1	1,028.6	1,205.7	1,018.3	1,042.8	1,660.2	1,154.4	877.2	568.0	622.2	774.9
Product Data											
Value of shipments ²	36,002.8	37,765.1	39,531.0	46,885.3	52,513.5	56,569.3	51,005.9	46,813.7	44,456.5	44,583.6	51,484.5
Value of shipments (1992\$)	44,891.3	46,224.1	45,595.2	51,296.8	54,587.8	56,569.3	49,761.9	44,289.2	40,562.5	39,454.5	45,003.9
Trade Data											
Value of exports	11,105.0	12,451.0	14,339.4	19,630.8	24,349.7	26,292.4	21,279.1	18,810.3	13,851.7	18,984.1	25,560.1
Value of imports	2,060.4	2,373.1	2,804.5	2,838.4	3,349.4	3,863.0	3,808.8	3,722.3	3,655.3	3,947.6	4,669.0
Balance	9,044.6	10,077.9	11,534.9	16,792.4	21,000.3	22,429.4	17,470.3	15,088.0	10,196.4	15,036.5	20,891.1

Industry Trends: Aircraft Engines and Engine Parts (SIC 3724)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	20,262.1	20,383.2	21,029.4	22,938.8	22,901.0	21,968.5	18,946.1	16,584.3	17,519.4	18,769.2	22,859.3
Value of shipments (1992\$)	25,296.0	24,528.5	24,567.1	25,487.6	24,157.2	21,968.5	18,574.6	15,855.0	16,450.1	17,314.8	20,705.9
Total employment (000)	139.6	141.6	127.5	129.6	123.1	116.7	102.9	84.2	76.3	75.1	84.4
Production workers (000)	79.8	76.7	79.6	72.5	67.2	64.2	53.6	45.5	41.9	41.4	49.1
Hours (millions)	166.2	165.5	153.4	148.5	142.5	130.8	111.0	94.1	92.7	85.5	101.0
Wages (\$ millions)	2,364.4	2,368.0	2,253.8	233.5	2,223.6	2,219.6	1,904.1	1,767.8	1,684.2	1,708.7	1,971.1
Average hourly earnings (\$)	14.23	14.31	14.69	1.57	15.60	16.97	17.15	18.79	18.17	19.98	19.52
Capital expenditures	746.8	691.9	681.5	782.7	758.2	590.2	439.5	435.1	475.0	485.0	679.8
Product Data											
Value of shipments ²	18,821.9	18,866.7	19,903.9	21,580.2	21,314.9	20,932.6	17,995.2	15,218.3	15,810.7	17,016.5	20,077.2
Value of shipments (1992\$)	23,498.0	22,703.6	23,252.2	23,978.0	22,484.1	20,932.6	17,642.4	14,549.0	14,845.7	15,697.9	18,185.9
Trade Data											
Value of exports	4,396.0	4,940.0	6,578.2	6,832.7	6,961.0	6,612.3	6,150.7	6,341.8	6,081.2	6,781.6	8,507.5
Value of imports	2,789.0	3,202.0	3,897.3	4,739.2	4,962.1	5,729.2	5,223.3	5,243.0	4,702.1	5,647.9	7,693.0
Balance	1,607.0	1,738.0	2,680.9	2,093.5	1,998.9	883.1	927.4	1,098.7	1,379.1	1,133.7	814.5

Industry Trends: Aircraft Parts and Equipment, N.E.C. (SIC 3728)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	17,949.3	17,758.9	18,600.5	20,570.9	21,691.0	19,834.6	18,264.3	17,048.6	16,848.0	17,311.8	19,373.6
Value of shipments (1992\$)	21,521.9	20,272.7	20,690.2	22,262.9	22,713.1	19,834.6	17,749.6	16,205.9	15,939.5	16,029.4	17,692.7
Total employment (000)	188.2	181.3	186.3	198.4	188.6	165.3	139.4	121.6	116.3	113.4	124.7
Production workers (000)	140.4	98.2	107.8	111.2	107.3	93.6	78.4	66.1	64.0	64.5	72.8
Hours (millions)	218.1	209.3	210.9	226.4	227.2	194.3	163.3	136.2	129.0	136.2	155.5
Wages (\$ millions)	3,006.9	2,902.0	3,044.3	3,376.9	3,428.8	3,193.6	2,999.1	2,615.0	2,544.8	2,720.7	3,019.5
Average hourly earnings (\$)	13.79	13.87	14.43	14.92	15.09	16.44	18.37	19.20	19.73	19.98	19.42
Capital expenditures	737.2	638.9	772.0	813.3	1,003.0	1,132.1	713.1	656.2	673.0	916.1	925.1
Product Data											
Value of shipments ²	19,528.9	20,545.4	21,294.5	23,081.8	25,288.2	21,940.2	18,683.5	17,710.0	17,701.4	18,831.6	24,590.4
Value of shipments (1992\$)	23,415.9	23,453.7	23,686.9	24,980.3	26,479.8	21,940.2	18,156.9	16,834.6	16,746.8	17,436.7	22,457.0
Trade Data											
Value of exports	6,650.8	7,392.7	8,507.8	9,309.2	9,731.0	8,880.6	8,871.7	9,239.7	9,850.1	12,687.7	14,389.8
Value of imports	2,506.5	2,851.6	2,690.2	3,200.4	3,687.4	2,952.7	2,338.0	2,353.0	2,427.9	3,300.7	4,633.1
Balance	4,144.3	4,541.1	5,817.6	6,108.8	6,043.5	5,927.9	6,533.7	6,886.8	7,422.2	9,387.0	9,756.7

Industry Trends: Aircraft and Parts (SIC 372)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	77,304.1	79,726.7	81,891.1	95,163.0	103,077.8	104,783.9	92,330.2	84,603.2	81,395.4	83,393.6	100,126.1
Value of shipments (1992\$)	95,562.0	95,700.3	94,001.3	104,263.9	107,666.1	104,783.9	90,099.6	80,282.4	75,298.4	75,213.8	89,004.6
Total employment (000)	596.0	597.6	581.9	618.8	571.9	546.9	483.6	424.1	381.6	376.7	411.6
Production workers (000)	361.7	315.0	334.1	323.3	299.7	280.0	236.4	204.5	189.9	190.4	219.8
Hours (millions)	666.6	649.6	632.9	644.4	616.4	552.2	473.0	403.3	377.0	386.4	442.2
Wages (\$ millions)	9,712.5	9,712.6	9,665.9	10,303.5	10,055.4	9,949.6	8,856.8	7,974.2	7,666.2	8,237.2	9,419.3
Average hourly earnings (\$)	14.57	14.95	15.27	15.99	16.31	18.02	18.72	19.77	20.33	21.32	21.30
Capital expenditures	2,536.1	2,359.5	2,659.2	2,614.4	2,814.1	3,383.6	2,307.0	1,968.5	1,734.1	2,023.4	2,379.7
Product Data											
Value of shipments ²	74,353.6	77,177.2	80,729.4	91,547.3	99,116.6	99,442.1	87,684.6	79,742.0	77,968.6	80,431.7	96,152.1
Value of shipments (1992\$)	91,805.2	92,381.4	92,534.2	100,255.1	103,551.7	99,442.1	85,561.2	75,672.9	72,155.1	72,589.1	85,646.8
Trade Data											
Value of exports	22,151.8	24,783.7	29,425.4	35,772.7	41,041.7	41,785.3	36,301.5	34,391.8	29,782.9	38,453.4	48,457.4
Value of imports	7,355.9	8,426.7	9,392.0	10,778.0	11,998.8	12,544.9	11,370.1	11,318.3	10,785.2	12,896.2	16,995.1
Balance	14,795.9	16,357.0	20,033.4	24,994.7	29,042.8	29,240.4	24,931.4	23,073.5	18,997.7	25,557.2	31,462.2

Industry Trends: Guided Missiles and Space Vehicles (SIC 3761)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	21,565.8	22,540.8	23,343.6	25,168.9	23,512.6	19,423.1	15,799.6	13,954.1	14,315.2	13,777.3	14,791.5
Value of shipments (1992\$)	21,479.9	22,586.0	25,318.4	26,633.8	24,165.1	19,423.1	15,658.7	13,761.4	13,791.1	14,262.2	14,674.1
Total employment (000)	166.7	169.4	167.0	157.5	137.5	97.7	86.6	68.5	60.8	55.7	52.2
Production workers (000)	62.7	61.3	62.9	54.3	45.1	30.1	27.6	23.8	20.0	18.6	18.7
Hours (millions)	121.4	121.0	116.8	109.8	92.1	54.6	53.1	47.6	43.4	36.8	36.5
Wages (\$ millions)	2,019.7	2,077.5	2,022.4	1,995.1	1,744.0	1,233.0	1,108.6	1,013.8	896.3	802.6	824.1
Average hourly earnings (\$)	16.64	17.17	17.32	18.17	18.94	22.58	20.88	21.30	20.65	21.81	22.59
Capital expenditures	818.7	757.9	756.9	660.4	451.8	312.6	307.6	296.8	293.7	367.3	637.7
Product Data											
Value of shipments ²	16,012.3	17,459.3	17,049.1	16,907.0	16,074.9	13,972.1	13,452.4	10,794.9	11,756.3	10,536.1	12,671.4
Value of shipments (1992\$)	15,948.5	17,494.3	18,491.4	17,891.0	16,521.0	13,972.1	13,332.4	10,645.9	11,325.9	10,906.9	12,570.8
Trade Data											
Value of exports	353.2	383.4	395.6	568.5	360.7	594.9	510.5	376.2	716.6	608.3	460.4
Value of imports			6.9	4.2	1.7	4.1	5.2	1.6	2.7	1.1	135.3
Balance	353.2	383.4	388.8	564.2	359.0	590.7	505.4	374.6	713.9	607.1	325.1

Industry Trends: Guided Missile and Space Vehicle Propulsion Units and Parts (SIC 3764)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	3,537.1	3,886.0	3,647.0	3,768.7	3,675.6	5,121.4	6,201.0	3,373.6	2,953.6	2,715.0	3,239.0
Value of shipments (1992\$)	3,878.4	4,210.2	3,955.5	3,988.0	3,777.6	5,121.4	6,145.7	3,327.0	2,853.7	2,819.3	3,213.3
Total employment (000)	31.8	35.3	29.0	29.9	28.0	32.0	29.2	22.8	19.6	17.2	18.5
Production workers (000)	11.2	12.6	11.0	10.6	9.5	13.2	8.9	7.8	6.7	5.5	8.3
Hours (millions)	22.2	24.7	17.8	17.9	17.8	20.5	15.8	14.1	13.6	10.8	16.5
Wages (\$ millions)	350.0	423.8	344.3	336.2	337.8	488.1	348.0	311.6	266.5	222.6	381.6
Average hourly earnings (\$)	15.77	17.16	19.34	18.78	18.98	23.81	22.03	22.10	19.60	20.61	23.15
Capital expenditures	194.4	209.0	249.5	182.2	102.7	120.7	85.4	68.9	48.8	77.5	65.1
Product Data											
Value of shipments ²	3,464.9	3,785.3	4,583.7	4,662.2	4,530.3	5,206.6	5,862.4	3,705.0	3,120.0	2,803.0	3,127.4
Value of shipments (1992\$)	3,799.2	4,101.1	4,971.5	4,933.5	4,656.0	5,206.6	5,810.1	3,653.8	3,014.5	2,910.7	2,733.7
Trade Data											
Value of exports	35.8	50.5	13.2	32.9	8.4	15.5	56.8	18.4	42.3	23.8	9.0
Value of imports			2.8	4.9	10.9	7.4	1.2	0.6	2.1	17.4	46.0
Balance	35.8	50.5	10.4	28.0	-2.5	8.1	55.7	17.8	40.2	6.4	-37.0

Industry Trends: Guided Missile and Space Vehicle Parts and Auxiliary Equipment, N.E.C. (SIC 3769)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	1,182.2	1,801.8	1,721.1	1,721.5	1,916.5	1,963.9	2,014.9	1,385.5	1,397.9	1,435.9	898.8
Value of shipments (1992\$)	1,303.4	1,962.7	1,579.0	1,636.4	1,901.3	1,963.9	1,987.1	1,367.7	1,331.3	1,506.7	889.9
Total employment (000)	15.1	19.4	17.8	14.5	14.3	16.2	12.3	9.1	8.8	8.1	6.1
Production workers (000)	7.9	9.5	9.5	8.0	7.7	6.8	5.6	4.7	4.6	4.8	4.2
Hours (millions)	15.6	18.8	17.5	15.3	14.6	13.4	11.1	9.9	9.1	10.0	8.5
Wages (\$ millions)	237.8	290.9	287.4	254.5	266.7	241.7	221.5	200.9	195.6	209.8	178.6
Average hourly earnings (\$)	15.24	15.47	16.42	16.63	18.27	18.04	19.95	20.29	21.49	20.98	21.01
Capital expenditures	62.3	59.8	61.1	28.0	31.5	33.8	25.3	29.1	37.0	45.0	28.5
Product Data											
Value of shipments ²	3,354.4	3,819.9	3,958.0	5,024.3	4,387.0	4,179.1	3,312.7	2,726.0	2,609.1	2,366.1	2,812.2
Value of shipments (1992\$)	3,698.3	4,161.1	3,631.2	4,776.0	4,352.2	4,179.1	3,267.0	2,691.0	2,484.9	2,482.8	2,784.4
Trade Data											
Value of exports	455.6	622.2	855.7	932.0	1,140.3	1,052.3	999.5	959.8	970.9	971.3	987.8
Value of imports			221.5	157.6	190.3	168.3	148.4	132.9	126.2	160.0	168.8
Balance	455.6	622.2	634.3	774.4	950.0	884.0	851.1	827.0	844.7	811.3	819.0

Industry Trends: Guided Missiles and Space Vehicles and Parts (SIC 376)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	26,285.1	28,228.6	28,711.8	30,659.2	29,104.8	26,508.4	24,015.5	18,713.2	18,666.7	17,928.1	18,929.3
Value of shipments (1992\$)	26,661.7	28,758.9	30,853.0	32,258.2	29,843.9	26,508.4	23,791.4	18,456.2	17,976.2	18,588.2	18,777.3
Total employment (000)	213.6	224.2	213.9	202.0	180.0	145.9	128.1	100.4	89.2	81.0	76.8
Production workers (000)	81.8	83.4	83.5	72.9	62.4	50.1	42.2	36.3	31.2	28.8	31.2
Hours (millions)	159.2	164.6	152.2	143.2	124.7	88.6	80.0	71.6	66.1	57.6	61.5
Wages (\$ millions)	2,607.5	2,792.3	2,654.2	2,585.9	2,348.6	1,962.9	1,678.1	1,526.3	1,358.4	1,235.0	1,384.3
Average hourly earnings (\$)	16.38	16.96	17.44	18.06	18.83	22.15	20.98	21.32	20.55	21.44	22.52
Capital expenditures	1,075.4	1,026.8	1,067.6	870.7	586.0	467.1	418.3	394.8	379.5	489.8	731.3
Product Data											
Value of shipments ²	22,831.6	25,064.5	25,590.8	26,593.5	24,992.2	23,357.8	22,627.5	17,225.9	17,485.4	15,705.2	18,611.1
Value of shipments (1992\$)	23,446.1	25,756.5	27,094.1	27,600.5	25,529.2	23,357.8	22,409.5	16,990.7	16,825.3	16,300.4	18,088.9
Trade Data											
Value of exports	844.6	1,056.1	1,264.6	1,533.4	1,509.5	1,662.7	1,566.9	1,354.4	1,729.8	1,603.4	1,457.2
Value of imports	0.0	0.0	231.1	166.8	202.9	179.9	154.7	135.0	131.0	178.6	350.0
Balance	844.6	1,056.1	1,033.4	1,366.6	1,306.6	1,482.9	1,412.1	1,219.4	1,598.8	1,424.7	1,107.1

Industry Trends: Aerospace (SIC 372, 376)

(in millions of dollars except as noted)

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Industry Data											
Value of shipments ¹	103,589.2	107,955.3	110,602.9	125,822.2	132,182.6	131,292.3	116,345.7	103,316.4	100,062.1	101,321.7	119,055.3
Value of shipments (1992\$)	122,223.7	124,459.2	124,854.3	136,522.1	137,510.0	131,292.3	113,891.0	98,738.6	93,274.5	93,802.0	107,781.8
Total employment (000)	809.6	821.8	795.8	820.8	751.9	692.8	611.7	524.5	470.8	457.7	488.5
Production workers (000)	443.5	398.4	417.6	396.2	362.1	330.1	278.6	240.8	221.1	219.2	250.9
Hours (millions)	825.8	814.2	785.1	787.6	741.1	640.8	553.0	474.9	443.1	444.0	503.7
Wages (\$ millions)	12,320.0	12,504.9	12,320.1	12,889.4	12,404.0	11,912.5	10,534.9	9,500.5	9,024.6	9,472.2	10,803.6
Average hourly earnings (\$)	14.92	15.36	15.69	16.37	16.74	18.59	19.05	20.01	20.37	21.33	21.45
Capital expenditures	3,611.5	3,386.3	3,726.8	3,485.1	3,400.1	3,850.7	2,725.3	2,363.3	2,113.6	2,513.2	3,111.0
Product Data											
Value of shipments ²	97,185.2	102,241.7	106,320.2	118,140.8	124,108.8	122,799.8	110,312.1	96,967.9	95,454.0	96,136.9	114,763.2
Value of shipments (1992\$)	115,251.3	118,137.9	119,628.3	127,855.6	129,080.9	122,799.9	107,970.6	92,663.6	88,980.3	88,889.4	103,735.7
Trade Data											
Value of exports	22,996.4	25,839.8	30,689.9	37,306.1	42,551.1	43,448.0	37,868.4	35,746.2	31,512.7	40,056.8	49,914.5
Value of imports	7,355.9	8,426.7	9,623.1	10,944.8	12,201.8	12,724.8	11,524.9	11,453.2	10,916.2	13,074.8	17,345.2
Balance	15,640.5	17,413.1	21,066.8	26,361.3	30,349.4	30,723.3	26,343.5	24,292.9	20,596.5	26,981.9	32,569.3

Revisions to industry data based on Bureau of the Census, *1992 Census of Manufactures, General Summary*, October 1996.

Revisions to trade data based on Bureau of the Census, *U.S. Exports/Imports History, Historical Summary 1991-95*.

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

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

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

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