

Appendix table 6-3

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

(Page 1 of 8)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
All manufacturing industries												
Total value added	3,346,661.5	3,914,417.7	4,836,635.3	5,225,595.8	5,370,754.1	5,608,274.3	5,681,000.7	5,862,038.6	6,105,212.3	5,970,454.8	6,092,314.1	6,272,450.7
United States.....	765,149.5	922,977.7	1,086,471.2	1,266,252.0	1,297,102.5	1,367,280.1	1,423,560.1	1,492,160.7	1,562,634.0	1,468,899.6	1,495,117.6	1,495,278.0
Canada.....	68,586.3	80,392.9	92,880.8	101,711.2	100,965.2	108,351.3	116,090.5	127,616.7	132,483.9	127,875.8	131,040.9	131,160.6
Mexico.....	52,585.3	56,707.1	65,359.3	63,945.4	70,111.3	77,618.2	82,842.7	87,359.7	92,233.2	91,524.2	91,450.5	89,618.4
Brazil.....	137,050.6	133,323.2	132,584.8	153,966.9	148,429.7	156,648.4	152,255.0	142,133.7	144,579.9	144,920.1	145,671.9	145,389.0
Chile.....	5,773.4	3,906.4	8,156.9	14,122.6	13,411.0	14,427.0	14,336.7	13,439.7	13,690.2	14,726.1	15,105.2	15,889.2
Costa Rica.....	1,169.9	1,451.7	1,867.3	2,681.1	2,514.9	2,622.0	3,199.3	4,378.2	3,893.6	3,597.5	3,557.4	3,776.0
Argentina.....	40,211.5	35,883.7	34,195.9	41,082.5	43,517.7	47,589.7	48,759.8	45,400.5	44,654.3	41,035.7	36,706.7	42,640.6
Peru.....	6,453.1	7,081.7	8,664.6	8,222.7	8,344.2	8,787.7	8,505.2	8,459.1	8,830.2	8,727.6	9,100.3	9,319.8
Austria.....	22,056.2	23,284.2	30,831.2	35,847.8	36,035.8	38,839.5	42,140.4	44,932.1	48,959.7	48,663.9	49,340.1	50,467.5
Belgium.....	35,932.6	35,386.9	43,223.0	43,836.3	44,282.0	45,668.3	46,723.4	46,730.0	44,242.4	45,231.6	46,192.5	46,410.1
Denmark.....	13,758.0	17,186.6	19,926.5	23,140.7	23,068.6	25,293.6	26,175.5	26,488.1	26,734.2	26,514.9	26,192.4	26,073.6
France.....	197,397.9	204,628.6	240,493.9	232,859.3	228,779.6	239,785.1	247,238.9	248,101.4	247,168.2	253,727.8	257,640.6	256,206.6
Finland.....	15,508.7	18,409.6	22,406.9	24,484.7	24,204.8	26,069.0	30,290.5	30,721.6	33,985.8	33,807.0	34,544.8	34,539.1
Germany.....	351,607.3	377,526.1	451,344.4	436,998.4	436,687.2	443,573.0	463,314.9	459,672.2	460,389.3	458,881.2	464,061.6	465,117.8
Greece.....	3,479.9	5,574.7	9,345.3	11,695.7	11,734.2	11,736.7	13,359.6	13,257.2	13,596.8	14,085.6	14,312.5	14,255.0
Ireland.....	5,037.5	6,607.2	9,867.3	16,137.5	17,476.9	20,854.9	25,302.7	29,113.2	33,693.0	37,208.6	39,974.4	41,869.8
Italy.....	192,968.5	183,675.8	224,918.0	222,241.4	225,881.0	229,383.1	235,360.3	231,608.0	227,538.4	230,493.7	227,783.3	223,993.1
Netherlands.....	50,326.3	46,228.7	57,402.4	64,147.3	62,097.3	62,125.8	66,471.6	67,952.9	65,597.3	66,419.2	67,361.1	65,469.4
Portugal.....	8,352.6	8,962.0	13,983.0	16,877.8	18,199.2	18,680.4	19,749.8	19,978.3	19,493.8	20,050.7	20,138.6	20,016.1
Spain.....	87,994.8	87,831.5	106,971.9	95,456.5	94,404.5	101,476.3	106,608.5	107,888.6	106,464.6	102,472.3	102,675.5	104,232.1
Sweden.....	28,916.1	32,261.2	39,867.0	46,391.1	47,121.2	48,729.6	50,413.0	50,401.1	50,998.7	48,315.7	49,120.5	50,201.5
United Kingdom.....	193,040.6	198,566.7	248,776.2	242,087.5	244,879.3	253,191.8	257,256.6	259,861.1	260,779.0	258,814.0	251,330.6	252,454.3
European Union-15.....	1,206,376.9	1,246,129.6	1,519,357.0	1,512,202.0	1,514,851.6	1,565,407.0	1,630,405.5	1,636,705.7	1,639,641.1	1,644,686.2	1,650,668.4	1,651,306.0
Czech Republic.....	15,609.2	17,987.9	15,998.6	17,022.0	19,224.0	18,873.7	18,744.5	18,637.1	16,922.3	19,063.1	19,919.4	21,577.1
Hungary.....	8,505.1	9,530.4	8,378.4	8,509.7	8,584.0	9,660.6	10,777.8	11,261.5	11,237.8	11,769.7	12,123.8	12,909.8
Poland.....	30,546.5	28,077.6	22,970.1	22,503.9	24,581.2	28,230.0	30,152.1	31,138.1	33,151.2	32,460.2	32,623.1	35,433.3
Slovakia.....	4,016.3	4,691.8	4,868.7	4,421.9	4,609.8	4,408.0	4,638.7	4,774.6	4,810.1	5,355.5	5,245.8	5,567.4
Expanded European												
Union countries.....	58,677.0	60,287.8	52,215.9	52,457.6	56,998.9	61,172.3	64,313.1	65,811.3	66,121.4	68,648.5	69,912.1	75,487.6
Japan.....	524,366.1	698,687.7	935,206.2	937,181.5	961,149.1	977,990.7	926,309.7	946,558.8	980,996.6	895,626.4	894,903.9	923,507.7
China.....	65,535.7	98,045.7	121,068.7	234,071.1	289,229.0	311,225.1	330,441.2	360,587.2	409,740.2	450,673.4	506,326.6	590,609.8
South Korea.....	20,546.3	37,068.6	74,144.5	120,705.4	130,152.2	137,338.3	125,482.3	157,076.5	179,496.0	180,675.1	195,879.7	205,642.1
Taiwan.....	26,191.7	39,308.2	59,277.0	69,302.6	74,984.0	80,689.2	85,546.1	90,276.3	92,066.4	88,776.7	94,308.3	101,261.9
Singapore.....	6,950.9	7,510.3	13,657.0	20,261.7	20,920.5	21,863.1	21,790.7	24,698.9	28,482.7	25,174.6	27,294.9	28,117.3
Hong Kong.....	7,264.1	7,217.4	10,254.7	10,241.7	10,242.0	10,554.2	9,541.4	8,859.5	8,782.7	8,463.0	7,484.9	6,795.1
India.....	20,790.9	29,025.3	42,845.7	56,509.8	63,734.0	63,883.2	67,667.1	67,683.8	73,201.6	75,335.4	79,163.0	84,787.1
Malaysia.....	4,781.7	6,606.8	11,973.4	22,529.7	25,288.0	28,428.2	25,514.0	28,811.6	35,521.6	33,179.6	34,676.0	38,298.5
Thailand.....	12,017.5	14,659.4	26,930.3	40,702.6	43,878.4	43,388.2	39,050.4	43,920.8	45,343.1	45,946.4	49,849.5	55,983.7
Philippines.....	11,414.3	9,756.6	12,474.5	14,074.5	10,657.4	18,333.6	14,424.6	15,605.2	21,651.9	23,424.4	23,228.0	25,108.6
Indonesia.....	6,962.0	17,781.9	32,635.0	55,183.7	55,511.2	58,517.6	46,449.9	47,339.2	49,037.0	48,506.9	44,338.1	46,088.5
South Africa.....	25,884.7	25,711.4	24,859.5	25,995.3	26,490.1	27,044.9	26,546.5	26,351.8	26,997.9	27,517.4	28,732.3	28,159.6

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
High technology industries												
Total value added	336,199.7	443,418.7	596,138.0	633,696.0	683,403.7	763,185.9	838,653.0	941,641.7	1,078,420.5	1,046,941.8	1,120,519.9	1,203,331.5
United States.....	82,575.9	114,963.4	147,061.3	161,432.2	184,461.3	224,941.3	300,532.2	349,607.3	426,802.1	433,177.9	482,835.5	511,316.4
Canada	4,913.8	6,536.0	9,078.1	10,444.1	10,171.4	11,572.3	11,713.0	15,686.6	17,681.9	13,763.8	12,796.9	12,887.3
Mexico	4,610.8	4,357.9	6,005.4	5,950.3	6,679.2	8,352.6	10,383.7	11,751.2	12,592.2	12,527.5	11,775.3	11,397.5
Brazil	37,068.4	26,561.0	32,982.7	28,957.4	30,644.5	33,103.3	29,522.1	26,765.3	26,198.8	27,035.4	26,783.6	25,782.0
Chile	111.5	138.5	253.5	455.6	400.5	453.1	541.3	412.7	413.6	396.4	411.8	412.4
Costa Rica.....	104.2	85.2	122.5	138.0	105.3	63.9	69.8	59.0	63.0	66.0	66.0	69.7
Argentina	3,790.4	3,354.5	2,022.0	1,675.5	1,816.7	1,962.6	1,945.4	1,784.8	1,883.1	1,753.8	1,870.1	2,194.9
Peru	340.6	197.5	237.9	240.2	248.6	274.7	235.4	229.6	234.4	233.0	238.9	254.0
Austria	1,356.1	1,915.8	2,907.6	3,704.9	3,709.9	3,691.0	4,106.6	4,516.2	5,231.3	4,572.6	4,372.5	4,221.5
Belgium	3,627.1	4,318.0	4,883.7	4,697.0	4,515.2	4,827.6	4,618.1	4,931.4	4,901.1	4,917.0	4,842.9	6,084.0
Denmark.....	947.3	1,361.6	1,744.0	2,385.1	2,697.3	2,985.1	3,327.2	3,780.1	4,207.8	4,393.9	4,479.2	4,354.5
France.....	22,970.4	26,631.4	28,364.7	31,350.2	28,811.5	33,605.8	33,254.1	35,464.0	34,657.4	36,252.8	37,182.5	38,409.0
Finland.....	653.6	1,333.6	1,995.3	2,882.7	3,215.0	3,867.1	5,615.2	6,541.9	8,610.5	7,967.8	10,199.6	10,016.3
Germany	32,928.2	40,696.3	48,464.1	40,991.9	42,185.2	42,732.1	45,528.6	47,542.8	51,323.8	50,081.9	51,863.6	54,379.6
Greece	292.2	301.9	349.5	382.0	406.6	500.5	608.5	578.2	729.4	780.6	777.8	772.3
Ireland.....	625.0	1,232.6	2,609.6	6,435.2	7,584.5	9,448.2	11,620.0	14,569.7	19,759.8	23,466.9	23,127.9	23,005.3
Italy.....	12,961.8	16,541.4	21,710.7	19,334.1	19,661.3	19,433.2	20,038.2	20,429.2	21,722.9	22,384.5	21,350.5	20,267.7
Netherlands.....	3,502.5	4,163.7	4,565.3	5,842.1	5,000.7	5,083.6	5,158.9	5,466.7	6,269.7	6,042.8	4,393.6	4,344.2
Portugal	645.7	753.5	891.2	1,188.2	1,212.2	1,228.9	1,297.7	1,326.8	1,439.0	1,513.2	1,458.2	1,789.1
Spain	11,156.8	7,882.6	9,340.4	7,088.0	7,020.6	7,082.5	7,165.6	7,001.2	6,966.7	6,437.5	6,089.5	6,223.7
Sweden.....	2,742.8	3,765.9	4,986.8	7,281.8	7,948.9	8,239.3	9,330.2	9,301.5	8,641.8	7,125.5	6,631.2	7,006.5
United Kingdom.....	20,629.8	23,333.7	33,820.5	35,354.6	35,589.1	37,544.3	40,128.7	41,248.3	42,262.9	43,825.5	39,626.6	41,126.3
European Union-15	115,039.3	134,232.2	166,633.4	168,917.8	169,558.1	180,269.2	191,797.4	202,698.1	216,724.1	219,762.4	216,395.6	221,999.9
Czech Republic	389.2	444.3	443.4	869.7	1,080.4	1,029.6	1,301.8	1,272.3	985.2	1,300.5	1,614.2	1,696.0
Hungary	764.4	1,037.3	974.8	658.5	798.8	1,155.2	771.9	764.3	905.9	912.1	945.6	983.8
Poland.....	968.0	1,183.2	1,019.9	1,199.4	1,440.5	1,506.5	1,622.5	1,872.9	1,856.5	2,082.4	2,132.5	2,272.3
Slovakia	207.6	223.4	223.8	210.6	262.6	273.8	281.0	188.6	189.2	203.2	210.2	217.2
Expanded European												
Union countries	2,329.2	2,888.2	2,661.9	2,938.2	3,582.3	3,965.1	3,977.2	4,098.2	3,936.8	4,498.2	4,902.5	5,169.2
Japan.....	48,308.3	99,376.3	148,350.2	146,374.7	156,458.7	165,230.5	155,110.0	161,468.7	170,993.2	132,786.4	134,610.3	145,208.2
China	3,146.9	5,571.9	7,461.3	16,592.9	23,413.5	28,222.3	32,578.8	44,785.3	57,116.0	65,414.4	85,051.6	112,148.8
South Korea	1,971.1	3,814.2	10,959.0	21,302.4	22,576.7	23,632.0	20,375.2	29,325.6	38,406.8	36,958.0	41,651.6	44,247.7
Taiwan	2,541.8	4,577.7	9,417.9	13,204.4	15,180.6	16,752.6	18,873.4	22,295.4	23,566.9	21,467.7	24,524.4	28,858.7
Singapore.....	2,122.7	3,823.2	8,150.0	11,643.5	12,715.4	13,424.7	14,021.8	19,434.2	23,206.1	19,353.4	19,524.0	20,813.8
Hong Kong	1,252.2	979.1	1,762.5	2,329.8	2,182.0	2,197.5	1,952.9	1,710.6	1,926.4	2,181.5	1,718.4	1,348.3
India.....	460.8	597.7	1,401.1	2,423.8	2,721.8	3,055.1	3,515.9	4,168.2	3,733.8	3,885.6	4,076.0	4,310.4
Malaysia	555.2	838.5	2,024.5	6,010.9	7,199.9	8,574.0	7,772.0	9,152.0	11,769.4	9,876.6	10,795.2	12,328.6
Thailand.....	178.3	453.1	1,575.5	1,588.9	1,852.6	1,872.4	1,551.5	1,784.9	2,149.0	1,809.9	2,078.7	2,353.9
Philippines	391.3	356.5	768.4	1,350.5	1,246.4	2,537.6	2,044.6	2,395.1	3,477.9	3,831.9	4,021.7	4,463.6
Indonesia	131.0	347.7	1,161.3	1,626.5	1,617.1	2,278.7	1,459.6	1,871.7	2,451.0	2,399.9	1,930.6	1,997.5
South Africa	877.3	895.7	963.4	1,104.7	875.3	1,099.5	818.8	849.8	987.7	928.2	947.8	934.6

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Aircraft												
Total value added	68,763.9	81,089.0	105,421.0	74,495.5	81,718.0	88,491.9	97,637.8	97,760.4	93,903.7	103,165.6	99,078.4	98,420.6
United States	30,826.6	45,877.3	54,632.1	32,215.4	38,636.0	38,292.9	46,866.1	45,299.1	42,660.5	43,918.4	36,739.6	34,391.3
Canada	1,956.0	1,798.8	2,882.9	2,748.2	2,915.2	3,443.6	2,963.3	3,084.3	3,621.0	3,556.6	3,211.0	3,014.3
Mexico	22.5	39.5	63.4	203.9	168.1	118.8	123.7	176.0	136.4	164.2	184.7	234.6
Brazil	12,128.3	6,831.8	12,570.8	11,015.7	11,827.9	13,299.1	10,934.7	10,406.5	9,095.2	9,917.6	10,397.0	10,138.7
Chile	12.8	8.1	14.1	10.8	10.3	13.2	85.0	38.1	49.6	40.0	42.1	42.2
Costa Rica	48.7	30.9	65.0	62.4	48.5	7.0	9.1	9.7	10.6	7.2	7.1	7.3
Argentina	56.9	67.7	56.1	10.8	14.7	8.8	8.4	4.7	2.1	1.9	0.9	0.9
Peru	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Austria	28.6	9.9	24.0	19.1	25.1	40.3	21.0	24.8	23.2	22.9	28.3	34.1
Belgium	397.5	447.0	502.9	275.5	239.9	346.9	379.3	384.5	431.3	435.2	347.1	314.7
Denmark	2.8	1.7	7.5	9.0	8.4	14.5	5.6	8.9	12.8	12.4	11.0	11.1
France	6,261.6	5,280.9	4,459.2	5,453.1	3,270.9	6,354.7	5,640.8	5,404.2	4,352.4	5,519.2	7,230.1	7,224.6
Finland	19.4	77.1	84.0	108.1	131.4	139.4	148.0	115.7	94.4	86.7	91.9	94.4
Germany	5,202.9	5,948.8	7,457.6	4,819.5	4,672.4	4,516.6	5,140.7	5,978.1	5,277.6	6,243.5	6,798.2	7,413.7
Greece	58.2	69.3	86.7	116.8	154.4	196.0	148.2	134.4	127.9	150.3	171.7	166.9
Ireland	26.1	43.0	68.1	69.6	100.4	109.1	142.9	156.3	225.8	242.2	195.9	219.3
Italy	1,279.7	1,807.9	2,904.1	1,484.4	1,532.7	1,890.6	2,916.2	2,497.3	2,800.2	3,593.1	3,015.5	2,902.2
Netherlands	113.9	120.7	178.9	132.4	207.8	377.0	413.3	409.3	428.7	431.4	425.3	419.2
Portugal	1.0	0.8	2.2	22.9	8.8	17.4	24.2	6.9	8.6	7.6	6.9	6.7
Spain	944.4	1,110.2	936.7	676.3	661.2	730.7	848.6	865.3	944.4	826.3	759.9	815.2
Sweden	533.5	740.8	861.6	574.8	509.6	388.7	689.3	585.6	581.7	667.2	585.2	523.7
United Kingdom	4,538.7	4,533.6	10,057.8	5,604.5	5,395.6	6,349.2	7,134.4	8,048.5	8,459.3	9,015.2	7,191.9	8,072.6
European Union-15	19,408.2	20,191.6	27,631.4	19,365.9	16,918.6	21,470.9	23,652.6	24,619.8	23,768.1	27,253.1	26,859.1	28,218.4
Czech Republic	43.0	54.4	42.1	54.8	48.8	51.0	62.7	73.4	86.2	92.0	91.6	110.1
Hungary	25.0	29.0	17.7	2.3	2.1	2.2	105.4	152.8	122.7	100.1	99.5	96.2
Poland	196.1	169.9	143.6	162.0	153.0	139.6	132.5	118.7	193.1	210.0	159.3	130.2
Slovakia	0.8	1.0	1.0	3.0	3.1	2.7	2.5	5.0	19.4	19.0	6.6	20.0
Expanded European												
Union countries	265.0	254.3	204.5	222.1	207.0	195.6	303.1	349.9	421.5	421.0	356.9	356.5
Japan	731.1	1,357.6	1,510.3	2,439.4	2,624.5	2,765.7	3,337.3	3,646.0	3,327.7	4,479.6	6,174.5	6,140.0
China	360.1	616.6	714.0	2,250.9	3,290.8	3,730.0	4,681.1	5,347.2	6,289.1	7,767.2	9,304.1	10,211.3
South Korea	16.7	52.0	260.2	211.8	231.0	294.1	566.9	557.6	724.3	804.7	686.6	572.2
Taiwan	109.2	106.1	136.6	160.9	204.5	332.1	295.1	321.4	356.6	593.9	713.9	778.4
Singapore	124.7	423.5	347.4	538.6	520.3	552.3	638.9	739.1	750.4	808.5	880.8	846.6
Hong Kong	122.2	153.7	236.2	219.7	254.1	276.3	234.3	234.0	241.5	260.8	294.7	228.2
India	14.7	23.4	31.7	84.1	69.8	97.8	111.9	107.2	83.8	78.1	84.2	90.5
Malaysia	3.0	3.9	6.1	6.2	5.3	6.5	1.8	7.3	10.1	11.5	11.1	11.7
Thailand	2.9	7.1	11.9	15.6	19.3	13.4	13.5	18.1	25.5	20.6	25.7	23.2
Philippines	65.3	6.0	5.9	3.4	2.9	4.4	2.3	3.0	4.1	4.4	4.7	5.4
Indonesia	23.0	27.1	11.7	26.6	53.0	18.8	10.7	10.0	14.6	13.8	11.8	11.0
South Africa	245.8	128.6	148.6	166.7	138.0	163.5	124.3	129.0	178.8	182.0	166.6	164.4

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pharmaceuticals												
Total value added	73,815.8	90,987.1	122,906.3	149,154.4	157,081.2	162,199.0	167,104.6	182,462.1	190,265.5	211,718.2	222,397.2	229,387.5
United States	16,594.8	23,481.5	31,920.8	43,470.5	47,792.3	49,374.8	52,591.6	56,877.2	59,504.4	74,027.0	76,762.4	74,512.7
Canada	801.7	1,298.2	1,902.0	1,871.4	1,772.2	1,498.6	1,326.7	1,722.3	2,096.9	2,675.2	3,155.9	3,278.5
Mexico	1,152.6	1,069.9	1,488.2	1,896.1	1,986.9	2,248.2	2,570.8	2,760.9	2,963.4	3,117.6	3,329.4	3,388.2
Brazil	10,856.1	9,456.9	9,828.6	8,495.2	8,642.8	9,334.8	9,703.8	8,830.6	8,272.5	8,338.5	8,518.6	7,871.4
Chile	81.2	107.2	211.9	382.7	326.9	373.0	395.2	345.1	333.3	332.4	347.2	350.7
Costa Rica	23.7	39.2	30.7	39.7	29.5	32.6	31.3	31.7	36.1	42.8	42.1	43.6
Argentina	2,479.9	2,216.9	1,338.8	1,204.3	1,263.7	1,276.0	1,284.4	1,229.3	1,302.5	1,307.8	1,033.6	1,194.6
Peru	268.0	143.9	199.7	215.3	222.7	246.9	208.3	206.3	209.3	209.0	216.3	230.8
Austria	215.7	262.0	534.2	882.4	853.6	835.7	991.6	991.0	1,192.3	885.3	928.8	967.8
Belgium	800.7	1,595.3	2,146.0	2,476.5	2,352.3	2,384.2	2,348.1	2,638.5	2,461.3	2,644.4	2,930.0	4,143.9
Denmark	214.0	443.9	686.8	1,020.7	1,139.9	1,304.1	1,552.2	1,819.9	2,111.7	2,240.7	2,434.8	2,321.7
France	3,755.9	5,209.7	6,315.9	8,002.6	8,162.0	8,831.6	9,591.7	10,755.6	11,313.5	12,588.8	12,390.2	13,285.8
Finland	252.5	346.4	363.3	280.7	250.6	278.4	283.8	191.5	201.7	203.6	174.1	178.6
Germany	6,480.6	7,198.5	8,568.8	9,859.5	10,479.9	9,195.8	8,896.6	9,412.2	9,165.9	10,236.1	12,058.9	12,575.8
Greece	23.5	29.0	87.8	127.1	130.3	164.7	193.3	213.2	297.7	309.0	365.8	394.3
Ireland	133.7	279.1	544.0	2,046.1	2,460.1	3,371.6	4,525.8	5,464.1	6,489.9	8,533.4	10,306.8	9,846.7
Italy	2,788.7	3,459.2	5,288.2	5,709.1	6,276.9	6,358.9	6,622.3	7,130.1	7,490.1	7,454.5	7,494.5	7,435.6
Netherlands	832.0	1,318.9	915.7	1,758.2	1,281.4	1,460.2	1,284.4	1,485.7	1,701.6	1,712.9	1,794.0	1,869.3
Portugal	235.0	206.2	388.1	456.5	456.5	425.6	438.8	413.2	424.1	383.2	381.6	390.0
Spain	1,841.2	1,753.1	2,248.8	2,582.2	2,513.3	2,706.8	2,599.3	2,866.2	2,753.1	2,909.3	3,242.7	3,431.6
Sweden	426.4	559.4	842.2	1,987.9	2,138.6	2,258.4	2,467.8	2,754.8	2,893.1	3,303.3	3,691.8	4,229.9
United Kingdom	1,768.2	2,297.1	4,416.4	7,360.6	7,232.6	7,600.0	8,062.3	7,062.6	7,542.4	9,372.5	10,256.4	10,725.9
European Union-15	19,768.3	24,958.0	33,346.2	44,550.3	45,728.0	47,175.9	49,858.1	53,198.5	56,038.5	62,776.8	68,450.4	71,796.7
Czech Republic	155.4	160.8	120.5	124.3	142.5	111.4	101.2	85.8	79.2	81.1	77.6	82.9
Hungary	336.5	485.6	467.8	272.3	250.9	271.7	428.1	348.9	496.8	497.0	535.9	533.5
Poland	239.4	401.8	229.1	281.2	301.4	292.8	271.3	268.1	268.0	239.7	239.6	245.2
Slovakia	112.6	113.4	109.5	87.8	97.9	84.2	88.4	67.8	61.6	63.8	58.6	52.7
Expanded European												
Union countries	843.8	1,161.6	926.9	765.7	792.7	760.2	889.0	770.7	905.6	881.6	911.7	914.4
Japan	11,790.1	14,893.4	23,095.2	27,004.1	27,296.2	27,428.0	25,580.4	29,290.9	28,926.0	26,543.7	25,444.4	25,521.0
China	1,096.7	1,028.7	1,774.5	3,313.8	4,537.3	4,964.0	5,207.4	6,627.2	8,515.1	9,472.2	10,353.4	14,064.1
South Korea	547.1	991.8	2,522.4	3,645.3	4,216.4	4,292.6	3,710.0	4,590.4	5,149.4	5,633.5	6,205.8	7,090.7
Taiwan	109.0	169.7	412.9	558.0	633.6	708.9	762.6	814.8	876.7	824.0	796.0	903.1
Singapore	215.2	546.4	1,484.6	904.5	964.7	759.4	1,711.0	3,085.6	2,754.5	2,830.9	3,806.7	4,317.1
Hong Kong	65.6	28.8	44.1	77.1	106.9	91.0	72.6	85.5	91.9	90.3	69.5	72.2
India	333.6	357.8	632.0	1,310.3	1,545.1	1,719.1	1,868.8	2,217.4	1,835.8	1,884.7	1,981.2	2,058.2
Malaysia	7.7	29.0	40.9	74.3	69.7	79.7	71.5	83.3	86.2	77.8	78.2	89.4
Thailand	98.5	161.9	186.4	332.2	390.8	452.6	393.4	443.5	501.0	526.3	570.5	640.0
Philippines	147.5	193.3	315.6	545.2	480.5	862.7	634.4	753.8	935.7	1,040.0	938.8	992.3
Indonesia	33.7	133.1	323.7	463.2	546.4	478.2	311.9	427.2	481.4	417.2	428.7	482.0
South Africa	171.9	369.8	410.6	415.6	409.3	409.4	286.3	282.8	302.5	312.5	326.0	292.0

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Office and computing machinery												
Total value added	26,122.1	42,241.7	65,621.4	78,133.0	92,368.5	108,737.0	129,874.3	144,079.8	159,037.5	154,521.7	153,380.7	177,160.3
United States	1,327.9	3,942.9	9,301.1	18,245.6	25,248.5	36,201.8	53,570.8	60,006.7	64,690.8	68,156.1	62,486.4	70,644.6
Canada	15.5	97.2	186.1	235.4	215.8	673.8	1,115.4	969.2	1,349.8	1,145.2	971.3	942.8
Mexico	127.7	173.1	410.5	1,324.6	1,855.7	2,408.4	2,628.4	2,415.7	2,739.2	2,548.8	2,296.9	2,161.6
Brazil	1,223.0	770.4	1,360.3	1,615.9	1,724.1	2,066.9	2,203.1	2,098.4	2,513.6	2,633.7	2,537.1	2,516.9
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica	0.0	0.0	0.1	0.4	0.3	0.7	0.8	0.9	1.1	1.1	1.3	1.7
Argentina	68.4	90.8	65.5	53.6	68.9	90.1	90.0	60.7	77.0	65.2	55.5	66.3
Peru	2.4	2.4	6.3	4.9	3.4	4.8	6.2	4.7	5.8	6.4	5.4	5.6
Austria	39.4	39.6	46.0	29.5	28.6	39.9	41.4	85.6	48.3	75.4	61.5	64.0
Belgium	34.7	35.3	46.8	93.9	102.1	98.7	103.8	100.3	290.1	158.1	114.2	82.5
Denmark	66.3	83.8	96.0	104.1	155.4	106.4	75.4	108.2	166.1	251.0	131.6	185.3
France	788.0	945.5	941.3	2,724.7	3,375.1	2,987.9	3,235.8	3,130.0	3,010.1	2,908.7	2,464.9	2,610.6
Finland	49.3	168.0	272.8	133.6	148.5	165.1	121.2	66.1	8.4	54.2	31.1	29.0
Germany	2,790.7	4,968.3	5,651.6	4,010.3	4,174.2	4,953.5	5,558.9	5,666.5	5,637.5	4,457.5	4,786.1	4,608.5
Greece	30.8	35.7	25.3	2.6	1.5	6.4	2.6	3.5	6.7	9.2	26.5	1.2
Ireland	174.9	216.1	472.4	973.2	1,066.9	1,193.1	1,338.5	1,662.4	2,276.2	2,171.2	1,714.8	2,089.3
Italy	547.4	869.4	822.1	1,114.0	815.6	685.1	737.1	585.1	640.2	616.1	423.1	300.8
Netherlands	689.2	1,050.8	474.2	484.7	465.5	431.1	568.0	520.2	593.0	596.0	436.9	382.8
Portugal	14.4	75.9	11.7	19.2	10.3	11.6	3.5	14.8	14.6	12.6	12.4	13.0
Spain	5,940.7	2,939.7	2,937.6	926.6	1,091.5	860.6	1,004.3	871.0	589.6	413.9	240.4	157.2
Sweden	405.3	529.5	290.6	242.0	254.6	256.3	251.2	234.5	221.5	79.8	54.5	57.1
United Kingdom	919.5	1,712.5	2,870.7	5,184.3	5,188.8	5,704.9	6,634.3	6,759.3	6,343.5	6,530.4	5,552.2	5,384.0
European Union-15	12,490.6	13,669.9	14,959.2	16,042.6	16,878.5	17,500.5	19,676.1	19,807.6	19,845.7	18,334.2	16,050.4	15,965.5
Czech Republic	7.1	9.2	6.7	49.8	119.6	37.1	13.8	17.0	21.3	90.8	211.2	215.4
Hungary	6.8	6.8	7.3	15.9	119.7	340.1	8.9	12.0	9.9	7.0	5.3	5.9
Poland	72.7	60.1	62.6	45.5	81.5	76.9	96.0	145.1	181.4	121.0	138.7	226.5
Slovakia	12.8	15.2	16.0	26.2	24.8	10.2	14.0	20.3	20.5	24.6	32.6	36.1
Expanded European Union countries												
Japan	7,826.1	18,531.7	28,888.7	24,935.9	26,515.6	26,400.1	24,838.9	23,428.5	21,535.8	14,486.4	13,622.2	13,135.3
China	355.9	294.9	397.6	1,645.1	3,690.2	5,435.2	8,158.2	14,371.1	20,027.2	23,443.1	31,334.6	46,688.6
South Korea	25.0	104.0	930.2	1,916.1	2,256.3	2,292.5	2,213.0	3,472.2	4,762.6	4,741.3	5,411.9	5,392.6
Taiwan	362.8	821.0	1,805.0	3,304.5	4,076.8	4,699.3	5,105.1	5,879.4	6,599.7	5,978.2	6,457.7	7,631.9
Singapore	849.5	1,811.1	4,449.7	5,557.1	6,246.6	6,715.2	6,329.6	7,517.2	10,469.7	8,319.5	7,805.4	7,706.6
Hong Kong	119.7	94.5	298.1	422.9	449.9	516.2	665.9	423.0	540.4	524.2	403.1	312.3
India	7.8	17.1	96.9	173.3	127.5	226.9	252.2	415.6	452.7	497.6	564.0	606.3
Malaysia	15.4	25.3	69.9	422.7	559.5	736.0	633.0	347.0	321.0	262.6	181.7	159.9
Thailand	2.2	4.5	25.0	2.4	2.8	3.2	2.9	3.3	5.0	5.9	8.0	9.1
Philippines	2.2	2.4	7.2	100.3	88.9	178.6	140.8	148.9	224.5	290.9	229.3	263.6
Indonesia	1.5	2.6	11.6	9.6	1.2	6.4	2.9	2.7	2.7	3.6	8.0	8.0
South Africa	9.1	7.5	6.7	5.7	4.3	8.6	8.4	8.6	10.1	12.1	12.9	11.7

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Communication equipment												
Total value added	79,315.8	127,058.9	182,381.5	215,527.6	231,404.8	277,346.9	312,156.0	383,681.5	492,931.6	437,596.5	508,098.7	554,720.6
United States	8,671.6	11,242.0	13,067.9	26,297.6	28,574.5	54,452.1	95,927.5	136,665.4	208,593.9	199,136.6	260,276.2	281,933.4
Canada	1,472.9	2,570.0	3,211.4	4,551.7	4,186.9	4,836.0	5,076.2	8,634.3	8,985.7	4,738.7	3,835.7	3,908.1
Mexico	2,393.9	2,150.9	2,965.9	1,487.1	1,541.6	2,312.5	3,616.6	4,775.6	4,823.9	4,573.5	3,856.6	3,629.5
Brazil	5,363.3	4,050.0	5,061.1	5,453.9	5,959.1	5,834.9	4,302.5	3,254.7	4,066.0	3,911.7	3,256.3	3,272.8
Chile	11.2	13.9	11.2	30.9	34.0	34.0	29.6	11.5	12.0	8.0	7.0	7.4
Costa Rica	23.1	9.8	18.0	15.2	15.0	19.6	25.8	13.9	11.5	11.8	12.3	13.7
Argentina	646.3	575.9	273.4	235.0	332.3	407.0	385.8	340.6	350.6	266.9	660.0	789.4
Peru	62.4	43.8	23.6	6.7	8.6	9.1	8.5	7.8	8.5	7.6	6.8	7.0
Austria	841.0	1,184.7	1,726.5	2,123.1	2,139.2	2,035.2	2,230.6	2,436.4	2,924.0	2,506.4	2,205.3	1,952.8
Belgium	1,738.8	1,619.8	1,733.2	1,316.6	1,368.6	1,554.6	1,311.7	1,335.9	1,273.9	1,216.1	953.1	988.8
Denmark	356.3	336.7	447.4	569.0	647.1	688.5	691.7	843.9	743.7	687.3	875.3	819.3
France	5,008.4	6,417.0	7,403.3	6,963.8	6,651.2	7,321.6	6,843.5	7,854.9	7,595.5	6,208.2	5,477.8	5,424.3
Finland	146.4	386.4	788.4	1,879.8	2,147.0	2,682.6	4,416.7	5,524.1	7,621.9	6,892.8	9,219.2	9,108.6
Germany	7,695.3	10,062.8	11,946.2	7,766.0	7,708.4	9,047.4	10,131.6	10,365.4	12,983.3	10,650.6	9,726.8	10,664.4
Greece	108.6	113.9	108.2	94.0	76.8	87.4	225.3	186.2	253.5	250.8	164.6	143.5
Ireland	133.2	387.9	1,022.0	2,489.0	2,853.0	3,401.8	4,007.3	5,175.8	7,560.9	8,011.6	6,723.3	5,786.6
Italy	3,114.0	5,357.4	7,596.7	6,499.0	6,354.6	5,709.9	5,039.9	5,429.3	5,521.3	5,541.2	4,636.4	4,412.2
Netherlands	913.7	1,250.2	2,597.8	3,161.6	2,760.9	2,539.1	2,602.0	2,727.9	3,139.2	2,696.4	1,124.5	1,065.4
Portugal	289.2	359.0	392.8	507.7	557.3	630.7	689.3	730.0	852.4	967.6	934.2	1,261.9
Spain	1,629.7	1,348.5	1,896.3	1,752.2	1,651.5	1,531.3	1,426.0	1,127.2	1,340.4	1,040.8	839.3	743.3
Sweden	993.7	1,416.2	1,743.7	2,502.4	3,188.6	3,492.7	3,880.5	3,710.4	2,855.2	1,926.0	986.7	852.8
United Kingdom	6,758.1	7,369.5	8,797.2	9,258.7	9,754.5	10,011.5	10,402.1	11,659.2	11,738.0	10,509.4	8,875.7	8,883.1
European Union-15	29,726.5	37,609.9	48,199.7	46,882.9	47,858.9	50,734.1	53,898.3	59,106.8	66,403.4	59,105.2	52,742.1	52,106.9
Czech Republic	45.6	65.5	58.7	136.8	227.4	275.8	618.5	625.1	366.3	588.6	735.2	752.3
Hungary	139.0	163.3	94.4	181.5	222.2	317.9	27.1	30.8	38.8	51.0	64.3	86.5
Poland	169.3	219.8	232.5	344.8	420.7	450.3	510.9	600.1	506.2	931.0	1,027.0	1,050.6
Slovakia	32.4	36.4	38.0	36.5	39.1	69.2	67.8	25.4	26.2	40.0	52.5	50.3
Expanded European												
Union countries	386.3	485.1	423.5	699.5	909.5	1,113.2	1,224.3	1,281.4	937.4	1,610.6	1,879.0	1,939.7
Japan	19,759.6	50,981.2	77,414.0	78,708.6	85,943.4	93,728.6	87,070.4	91,072.2	102,636.0	74,234.2	77,488.5	88,569.4
China	991.4	2,869.4	3,859.1	7,965.8	10,073.3	12,300.4	12,414.2	16,126.4	19,384.4	21,460.1	30,229.0	36,710.5
South Korea	721.0	1,883.1	6,022.3	13,994.9	14,334.4	15,197.4	12,309.4	18,905.2	25,694.8	23,663.4	27,153.3	28,907.8
Taiwan	1,687.4	3,099.2	6,459.6	8,502.2	9,613.2	10,328.3	11,969.0	14,364.0	14,668.4	13,028.0	15,292.8	18,124.7
Singapore	733.6	871.1	1,651.2	4,164.8	4,474.4	4,831.4	4,642.3	7,143.7	8,205.5	6,414.3	6,036.4	6,953.9
Hong Kong	822.6	577.8	944.2	1,342.2	1,078.1	981.8	714.6	734.8	801.4	943.1	680.7	526.2
India	28.5	128.0	420.1	608.3	725.0	805.5	912.5	986.0	975.3	994.5	1,017.7	1,094.1
Malaysia	340.4	606.6	1,689.6	5,270.8	6,325.9	7,469.0	6,792.5	8,458.5	10,957.3	9,204.6	10,185.8	11,694.6
Thailand	51.6	89.4	1,263.0	1,121.7	1,306.8	1,268.8	1,037.1	1,194.6	1,470.5	1,107.9	1,324.4	1,510.4
Philippines	173.4	150.8	430.0	667.0	641.7	1,432.3	1,222.3	1,439.2	2,238.3	2,410.8	2,769.4	3,111.0
Indonesia	47.2	91.6	610.4	959.2	880.3	1,630.1	1,093.5	1,366.8	1,877.7	1,939.3	1,448.3	1,462.3
South Africa	328.0	250.0	216.1	307.3	225.5	311.8	305.1	332.7	329.8	248.7	250.7	273.0

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Medical, precision, and optical instruments												
Total value added	88,182.1	102,042.1	119,807.8	116,385.3	120,831.2	126,411.2	131,880.3	133,657.9	142,282.2	139,939.8	137,564.9	143,642.5
United States	25,155.0	30,419.7	38,139.3	41,203.2	44,210.0	46,619.7	51,576.2	50,759.0	51,352.5	47,939.9	46,570.8	49,834.3
Canada	667.8	771.8	895.8	1,037.3	1,081.2	1,120.3	1,231.4	1,276.5	1,628.5	1,648.1	1,623.0	1,743.5
Mexico	914.1	924.4	1,077.4	1,038.5	1,126.8	1,264.8	1,444.2	1,623.0	1,929.2	2,123.6	2,107.6	1,983.5
Brazil	7,497.7	5,451.9	4,162.0	2,376.7	2,490.6	2,567.7	2,378.0	2,175.0	2,251.6	2,233.9	2,074.6	1,982.3
Chile	6.3	9.3	16.3	31.2	29.2	33.0	31.6	18.0	18.8	16.0	15.5	12.2
Costa Rica	8.6	5.3	8.8	20.3	12.0	4.1	2.8	2.8	3.8	3.1	3.2	3.4
Argentina	539.0	403.2	288.2	171.9	137.0	180.6	176.8	149.5	150.9	112.1	120.2	143.8
Peru	7.7	7.3	8.3	13.2	13.9	13.8	12.3	10.7	10.8	10.0	10.3	10.6
Austria	231.4	419.7	576.9	650.8	663.4	740.0	822.0	978.4	1,043.5	1,082.7	1,148.7	1,202.8
Belgium	655.3	620.6	454.9	534.5	452.4	443.2	475.1	472.2	444.5	463.3	498.4	554.0
Denmark	307.9	495.5	506.2	682.3	746.5	871.6	1,002.4	999.1	1,173.5	1,202.5	1,026.4	1,017.1
France	7,156.5	8,778.3	9,244.9	8,206.0	7,352.2	8,109.9	7,942.2	8,319.3	8,386.0	9,027.9	9,619.5	9,863.6
Finland	186.1	355.7	486.8	480.5	537.4	601.7	645.5	644.5	684.1	730.5	683.3	605.7
Germany	10,758.6	12,517.8	14,839.8	14,536.7	15,150.3	15,018.7	15,800.6	16,120.6	18,259.5	18,494.1	18,493.5	19,117.3
Greece	71.2	54.1	41.6	41.4	43.6	46.1	39.0	40.8	43.7	61.3	49.4	66.4
Ireland	157.0	306.5	503.0	857.3	1,104.1	1,372.6	1,605.5	2,111.1	3,207.0	4,508.4	4,187.1	5,063.5
Italy	5,232.0	5,047.6	5,099.6	4,527.6	4,681.5	4,788.8	4,722.7	4,787.5	5,270.9	5,179.6	5,780.9	5,216.9
Netherlands	953.8	423.0	398.7	305.2	285.1	276.4	291.1	323.5	407.2	606.1	612.9	607.5
Portugal	106.0	111.7	96.4	181.8	179.3	143.8	141.9	162.0	139.3	142.2	123.1	117.5
Spain	800.7	731.2	1,321.0	1,150.8	1,103.0	1,253.1	1,287.3	1,271.5	1,339.2	1,247.1	1,007.1	1,076.4
Sweden	384.0	520.1	1,248.7	1,974.6	1,857.5	1,843.2	2,041.4	2,016.2	2,090.3	1,149.2	1,313.0	1,343.0
United Kingdom	6,645.2	7,421.1	7,678.3	7,946.4	8,017.7	7,878.7	7,895.7	7,718.7	8,179.7	8,398.0	7,750.3	8,060.7
European Union-15	33,645.7	37,802.8	42,496.9	42,076.1	42,174.2	43,387.7	44,712.4	45,965.5	50,668.4	52,293.0	52,293.5	53,912.3
Czech Republic	138.0	154.4	215.3	503.9	542.1	554.2	505.6	471.0	432.2	448.0	498.7	535.3
Hungary	257.2	352.6	387.6	186.5	203.8	223.2	202.5	219.8	237.6	257.0	240.6	261.7
Poland	290.5	331.5	352.2	365.8	483.8	546.8	611.7	740.8	707.8	580.7	567.9	619.7
Slovakia	49.0	57.4	59.4	57.2	97.7	107.5	108.3	70.1	61.6	55.8	59.9	58.1
Expanded European Union countries												
Japan	8,201.4	13,612.3	17,442.0	13,286.6	14,078.9	14,908.0	14,283.1	14,031.1	14,567.6	13,042.5	11,880.6	11,842.5
China	342.8	762.2	716.0	1,417.4	1,821.8	1,792.7	2,118.0	2,313.5	2,900.2	3,271.9	3,830.4	4,474.4
South Korea	661.3	783.4	1,224.0	1,534.3	1,538.7	1,555.3	1,575.9	1,800.2	2,075.6	2,115.2	2,194.0	2,284.5
Taiwan	273.3	381.7	603.9	678.8	652.3	683.9	741.6	915.8	1,065.5	1,043.6	1,263.9	1,420.5
Singapore	199.7	170.9	217.1	478.4	509.5	566.4	700.0	948.7	1,026.0	980.2	994.7	989.6
Hong Kong	122.2	124.2	239.9	267.8	293.1	332.2	265.5	233.4	251.3	363.1	270.4	209.4
India	76.2	71.4	220.4	247.9	254.3	205.8	370.6	442.0	386.2	430.8	429.1	461.3
Malaysia	188.7	173.7	218.1	236.8	239.6	282.7	273.1	256.0	394.9	320.1	338.5	373.1
Thailand	23.1	190.1	89.3	117.0	132.8	134.4	104.6	125.4	147.0	149.2	150.1	171.2
Philippines	2.9	4.1	9.7	34.6	32.4	59.5	44.7	50.2	75.4	85.8	79.5	91.4
Indonesia	25.5	93.3	203.9	167.9	136.3	145.1	40.5	65.1	74.6	26.0	33.8	34.1
South Africa	122.6	139.8	181.4	209.5	98.2	206.0	94.6	96.7	166.6	172.9	191.6	193.6

World industry value added, by selected country/economy and industry: Selected years, 1980–2003

(Millions of 1997 U.S. dollars)

Industry and country/economy	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Other manufacturing industries												
Total value added	3,010,461.8	3,470,999.0	4,240,497.3	4,591,899.9	4,687,350.3	4,845,088.5	4,842,347.7	4,920,396.9	5,026,791.8	4,923,513.0	4,971,794.2	5,069,119.2
United States.....	682,573.5	808,014.3	939,409.9	1,104,819.7	1,112,641.2	1,142,338.8	1,123,028.0	1,142,553.4	1,135,831.9	1,035,721.7	1,012,282.2	983,961.6
Canada	63,672.5	73,856.9	83,802.7	91,267.1	90,793.8	96,779.0	104,377.6	111,930.1	114,802.0	114,111.9	118,244.0	118,273.3
Mexico	47,974.5	52,349.2	59,353.9	57,995.2	63,432.1	69,265.5	72,459.1	75,608.5	79,641.1	78,996.7	79,675.3	78,221.0
Brazil	99,982.2	106,762.2	99,602.1	125,009.5	117,785.2	123,545.0	122,732.8	115,368.4	118,381.1	117,884.6	118,888.2	119,607.0
Chile	5,661.9	3,767.9	7,903.4	13,667.1	13,010.6	13,973.9	13,795.3	13,026.9	13,276.6	14,329.7	14,693.4	15,476.7
Costa Rica.....	1,065.8	1,366.5	1,744.8	2,543.1	2,409.5	2,558.0	3,129.5	4,319.2	3,830.6	3,531.5	3,491.4	3,706.3
Argentina	36,421.1	32,529.2	32,174.0	39,407.0	41,701.0	45,627.1	46,814.4	43,615.7	42,771.2	39,281.9	34,836.6	40,445.7
Peru	6,112.5	6,884.3	8,426.7	7,982.6	8,095.6	8,513.0	8,269.8	8,229.5	8,595.8	8,494.5	8,861.4	9,065.8
Austria	20,700.1	21,368.4	27,923.6	32,142.8	32,325.9	35,148.6	38,033.8	40,415.9	43,728.4	44,091.3	44,967.5	46,245.9
Belgium	32,305.6	31,068.9	38,339.3	39,139.3	39,766.8	40,840.7	42,105.3	41,798.5	39,341.3	40,314.5	41,349.5	40,326.2
Denmark.....	12,810.7	15,825.0	18,182.5	20,755.5	20,371.3	22,308.5	22,848.3	22,708.0	22,526.4	22,121.0	21,713.1	21,719.1
France.....	174,427.4	177,997.2	212,129.3	201,509.1	199,968.0	206,179.4	213,984.8	212,637.4	212,510.8	217,475.0	220,458.1	217,797.6
Finland.....	14,855.1	17,076.0	20,411.6	21,602.0	20,989.9	22,201.9	24,675.2	24,179.7	25,375.3	25,839.2	24,345.2	24,522.8
Germany	318,679.2	336,829.8	402,880.3	396,006.5	394,502.0	400,840.9	417,786.3	412,129.4	409,065.5	408,799.4	412,198.1	410,738.1
Greece	3,187.7	5,272.8	8,995.8	11,313.8	11,327.6	11,236.2	12,751.1	12,679.1	12,867.4	13,305.0	13,534.6	13,482.7
Ireland.....	4,412.6	5,374.6	7,257.7	9,702.3	9,892.4	11,406.7	13,682.8	14,543.4	13,933.1	13,741.7	16,846.5	18,864.5
Italy.....	180,006.7	167,134.3	203,207.4	202,907.3	206,219.7	209,949.9	215,322.1	211,178.8	205,815.5	208,109.2	206,432.8	203,725.4
Netherlands.....	46,823.8	42,065.0	52,837.1	58,305.2	57,096.5	57,042.2	61,312.8	62,486.2	59,327.6	60,376.4	62,967.5	61,125.2
Portugal	7,706.9	8,208.6	13,091.7	15,689.6	16,987.0	17,451.4	18,452.1	18,651.5	18,054.8	18,537.4	18,680.4	18,227.0
Spain	76,838.0	79,948.8	97,631.5	88,368.5	87,383.9	94,393.8	99,442.9	100,887.4	99,497.9	96,034.8	96,586.0	98,008.4
Sweden.....	26,173.2	28,495.2	34,880.2	39,109.3	39,172.2	40,490.3	41,082.8	41,099.6	42,357.0	41,190.2	42,489.3	43,195.1
United Kingdom.....	172,410.8	175,232.9	214,955.7	206,732.9	209,290.1	215,647.5	217,127.9	218,612.7	218,516.0	214,988.6	211,704.1	211,328.0
European Union-15	1,091,337.6	1,111,897.4	1,352,723.6	1,343,284.2	1,345,293.5	1,385,137.8	1,438,608.1	1,434,007.6	1,422,917.0	1,424,923.8	1,434,272.8	1,429,306.1
Czech Republic	15,220.0	17,543.6	15,555.2	16,152.4	18,143.6	17,844.1	17,442.7	17,364.7	15,937.1	17,762.6	18,305.1	19,881.1
Hungary	7,740.7	8,493.1	7,403.6	7,851.3	7,785.2	8,505.4	10,005.9	10,497.2	10,331.9	10,857.6	11,178.1	11,926.0
Poland.....	29,578.5	26,894.5	21,950.2	21,304.5	23,140.6	26,723.5	28,529.6	29,265.2	31,294.8	30,377.8	30,490.7	33,161.1
Slovakia	3,808.6	4,468.4	4,644.9	4,211.3	4,347.3	4,134.2	4,357.8	4,585.9	4,620.8	5,152.3	5,035.6	5,350.2
Expanded European												
Union countries	56,347.9	57,399.6	49,553.9	49,519.4	53,416.7	57,207.3	60,335.9	61,713.0	62,184.7	64,150.2	65,009.6	70,318.4
Japan.....	476,057.7	599,311.4	786,855.9	790,806.7	804,690.3	812,760.2	771,199.7	785,090.0	810,003.4	762,840.0	760,293.6	778,299.6
China	62,388.8	92,473.8	113,607.4	217,478.1	265,815.5	283,002.8	297,862.4	315,801.8	352,624.2	385,259.0	421,275.0	478,461.0
South Korea	18,575.2	33,254.4	63,185.5	99,403.0	107,575.5	113,706.3	105,107.1	127,750.9	141,089.2	143,717.1	154,228.1	161,394.3
Taiwan	23,650.0	34,730.5	49,859.1	56,098.2	59,803.5	63,936.6	66,672.6	67,980.9	68,499.5	67,309.0	69,783.9	72,403.2
Singapore.....	4,828.2	3,687.2	5,507.0	8,618.2	8,205.0	8,438.4	7,768.8	5,264.7	5,276.6	5,821.1	7,770.9	7,303.4
Hong Kong	6,011.9	6,238.3	8,492.2	7,912.0	8,060.0	8,356.7	7,588.5	7,148.9	6,856.2	6,281.5	5,766.5	5,446.8
India.....	20,330.0	28,427.6	41,444.6	54,086.0	61,012.2	60,828.1	64,151.2	63,515.6	69,467.8	71,449.7	75,087.0	80,476.8
Malaysia	4,226.5	5,768.3	9,948.9	16,518.8	18,088.0	19,854.2	17,742.0	19,659.6	23,752.2	23,302.9	23,880.7	25,969.8
Thailand.....	11,839.2	14,206.3	25,354.8	39,113.7	42,025.9	41,515.9	37,499.0	42,135.9	43,194.1	44,136.5	47,770.8	53,629.8
Philippines	11,023.0	9,400.1	11,706.1	12,723.9	9,411.0	15,796.1	12,380.1	13,210.2	18,174.0	19,592.5	19,206.4	20,644.9
Indonesia	6,831.0	17,434.2	31,473.7	53,557.2	53,894.1	56,238.9	44,990.3	45,467.5	46,586.0	46,106.9	42,407.5	44,091.0
South Africa	25,007.4	24,815.8	23,896.2	24,890.6	25,614.8	25,945.5	25,727.7	25,502.0	26,010.2	26,589.2	27,784.4	27,225.0

NOTES: Gross value added reported equal to gross output less consumption of intermediate inputs and supplies. Conceptually, value added is current income from ongoing current production available for distribution to factors of production. Seventy countries or economies included in "all countries." High-technology sectors cover aerospace; computers and office machinery; communications equipment; pharmaceuticals; and medical, precision, and optical instruments.

SOURCES: Global Insight, Inc., World Industry Service database (2005). Historical data from United Nations Industrial Development Organization, United Nations System of National Accounts, Organisation for Economic Co-operation and Development, and country sources.