

MÉXICO EN EL MUNDO

A.2.1 GASTO EN INVESTIGACIÓN Y DESARROLLO EXPERIMENTAL (GIDE) POR PAÍS

Millones de PPP corrientes

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	42,606.0	44,477.7	48,017.4	51,572.5	53,397.4	56 657.0	59 483.5	61 393.1	62 448.4	66 688.6
Argentina	1,794.1	1,846.6	1,994.9	1,957.5	1,399.9	1,162.4	1,362.7	1,630.1	1,930.8	2,317.9
Brasil*	-	-	-	11,507.7	12,250.0	12,052.7	12,155.3	12,397.4	15,338.7	17,336.5
Canadá	12,139.4	13,550.9	14,810.9	16,734.2	19,028.9	19 142.1	20 056.8	21 536.4	22 823.0	23 306.0
Corea	16,637.3	14,788.9	15,792.6	18,386.5	21,156.5	22 506.8	23 969.2	27 935.8	30 618.3	35 885.8
Chile*	631.2	668.8	684.6	755.8	800.6	1,079.0	1,121.3	1,232.7	-	-
China	24,330.1	26,858.3	33,990.2	44,894.3	31,569.8	39,444.7	46,944.6	57,669.6	71,063.4	86,758.2
E. U. A.	212,708.8	228,108.5	245,475.8	267,767.5	278,230.0	277,054.5	289,721.6	301,015.5	324,464.5	343,747.5
España	5,530.9	6,431.9	6,814.7	7,704.0	8,320.0	9,808.5	10,917.2	11,799.5	13,283.9	15,595.7
Francia	29,785.8	30,559.2	31,823.3	33,819.2	36,623.4	38,152.9	36,886.5	38,024.8	39,593.9	41,436.2
Italia	13,370.8	14,297.2	14,240.8	15,420.2	16,608.9	17,268.9	17,309.0	17,500.7	17,827.0	-
Japón	87,785.4	91,062.3	92,773.7	98,783.0	104,024.5	108,166.2	112,274.3	1,174,954.4	128,694.6	138,782.1
México	2,516.0	2,926.6	3,505.4	3,347.7	3,619.8	4,014.3	4,419.3	4,687.9	5,093.8	5,948.7
Reino Unido	23,508.2	24,435.2	26,288.3	28,006.8	29,373.9	30,635.7	31,070.7	32,056.9	33,413.4	35,590.8
Suecia	7,140.9	-	8,115.2	-	10,435.6	-	10,408.4	10,462.7	11,231.3	11,815.3

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

* Sitio web de RICYT.

- = dato no disponible

A.2.2 GASTO EN INVESTIGACIÓN Y DESARROLLO EXPERIMENTAL PER CAPITA, POR PAÍS

Unidades de PPP

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	519.3	542.2	585	627.5	661.3	686.9	720.8	744.2	757.3	809.7
Argentina	50.4	51.3	54.8	53.2	49.9	41	47.6	56.3	66.1	78.4
Brasil	-	-	-	67.2	70.5	68.3	67.9	68.3	83.3	92.8
Canadá	405.9	449.3	487.1	545.3	613.3	610.2	633.2	673.1	706.3	713.8
Corea	362	319.5	338.8	391.1	449.3	472.6	500.8	581.5	636.1	743.0
Chile	42.7	44.6	45.0	49.1	51.4	68.5	70.4	76.6	-	-
China	19.7	21.5	27	35.4	41.1	51	60.3	73.5	89.8	109.6
E. U. A.	779.3	826	878.8	948	974.6	960.5	994.5	1,023.5	1,092.6	1,146.5
España	139.7	161.9	170.7	191.3	206.8	237.4	259.9	276.4	306.1	353.9
Francia	497.8	508.9	527.3	556.7	585.5	619.2	594.5	608.9	630.3	655.7
Italia	235	251.2	250.2	270.8	295.0	302.1	300.5	300.8	304.2	-
Japón	696.6	720.7	732.9	778.8	818.0	848.7	879.1	919.6	1,007.2	1,086.3
México	26.8	30.7	36.2	34.3	36.7	40.2	43.8	45.9	49.3	56.6
Reino Unido	403.1	417.9	448	475.6	493.8	516.4	521.7	535.8	554.9	588.0
Suecia	807.2	-	916.1	-	1,170.1	-	1,161.9	1,163.3	1,243.8	1,301.1

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

* Sitio web de RICYT.

- = dato no disponible

A.2.3 GASTO EN INVESTIGACIÓN Y DESARROLLO EXPERIMENTAL COMO RELACIÓN DEL PIB, POR PAÍS

Porcentaje

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	2.24	2.27	2.4	2.45	2.46	2.49	2.52	2.49	2.48	2.53
Argentina	0.42	0.41	0.45	0.44	0.42	0.39	0.41	0.44	0.46	0.49
Brasil	-	-	-	0.94	0.96	0.91	0.88	0.83	0.97	1.02
Canadá	1.66	1.76	1.79	1.92	2.09	2.04	2.03	2.05	2.01	1.94
Corea	2.48	2.34	2.25	2.39	2.59	2.53	2.63	2.85	2.98	3.23
Chile	0.49	0.5	0.51	0.53	0.53	0.68	0.67	0.67	-	-
China	0.65	0.65	0.76	0.9	0.95	1.07	1.13	1.23	1.33	1.42
E. U. A.	2.58	2.62	2.66	2.74	2.76	2.66	2.66	2.59	2.62	2.62
España	0.8	0.87	0.86	0.91	0.92	0.99	1.05	1.06	1.12	1.20
Francia	2.19	2.14	2.16	2.15	2.2	2.23	2.17	2.15	2.13	2.11
Italia	1.03	1.05	1.02	1.05	1.09	1.13	1.11	1.10	1.09	-
Japón	2.87	3	3.02	3.04	3.12	3.17	3.20	3.17	3.32	3.39
México	0.34	0.38	0.43	0.37	0.39	0.42	0.45	0.44	0.46	0.47
Reino Unido	1.81	1.79	1.87	1.86	1.83	1.82	1.78	1.71	1.76	1.78
Suecia	3.51	-	3.62	-	4.25	-	3.86	3.62	3.80	3.73

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.4 GASTO EN INVESTIGACIÓN Y DESARROLLO EXPERIMENTAL (GIDE) POR PAÍS

Millones de PPP a precios constantes de 2000

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	43,766.5	45,341.8	48,765.5	51,572.5	52,352.6	53,701.3	54,242.3	54,063.1	54,430.0	57,138.2
Argentina	1,880.4	1,914.1	2,038.4	1,957.5	1,810.5	1,477.4	1,695.9	1,974.2	2,268.1	2,640.7
Canadá	12,521.6	13,823.9	14,894.1	16,734.2	18,581.3	18,665.3	18,918.8	19,699.1	19,936.6	19,736.5
Corea	17,229.8	15,147.3	15,944.9	18,386.5	20,658.9	21,732.7	23,285.5	26,381.2	28,779.8	32,700.4
China	25,499.9	27,840.4	34,731.2	44,894.3	51,202.6	62,874.3	73,267.8	87,523.5	104,684.4	124,724.6
E. U. A.	222,935.7	236,448.8	250,826.8	267,767.5	271,685.6	265,884.7	272,239.5	274,953.7	287,092.1	294,861.3
España	5,919.8	6,743.5	6,961.6	7,704.0	8,050.6	9,004.6	9,871.8	10,336.5	11,302.5	12,596.5
Francia	31,041.9	31,388.4	32,714.1	33,819.2	35,233.9	35,170.5	34,563.6	35,128.5	35,335.5	35,795.4
Italia	14,158.9	14,639.9	14,549.8	15,420.2	16,309.2	16,783.3	16,465.2	16,568.2	16,598.3	-
Japón	92,652.0	94,972.9	95,347.2	98,783.0	101,570.9	103,214.2	105,780.2	107,608.1	115,087.4	120,368.2
México	3,749.6	3,781.1	3,934.3	3,347.7	3,424.0	3,544.1	3,600.4	3,556.1	3,660.3	-
Reino Unido	24,631.9	25,294.6	27,103.6	28,006.8	28,286.0	28,651.4	28,769.7	28,543.8	29,872.8	31,164.0
Suecia	7,496.0	-	8,360.1	-	10,362.3	-	10,016.6	9,791.0	10,592.2	10,838.9

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.5 PORCENTAJES DEL GIDE FINANCIADO POR LAS EMPRESAS, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	61.3	62.4	65.4	66.0	65.7	65.5	66.3	66.6	67.6	-
Argentina	27.2	27.0	25.8	23.3	20.8	24.3	26.3	30.7	31.0	29.4
Brasil	-	-	-	38.7	40.0	43.6	43.3	43.0	48.7	48.6
Canadá	48.0	45.7	44.9	44.9	50.3	51.4	50.2	49.4	48.5	48.0
Corea	72.5	69.1	70.0	72.4	72.5	72.2	74.0	75.0	75.0	75.4
Chile	16.0	16.2	17.1	23.00	24.93	33.25	43.5	45.7	-	-
China	-	-	-	57.6	-	-	60.1	65.7	67.0	69.1
E. U. A.	64.0	65.4	67.1	69.5	67.7	65.2	64.3	63.6	64.0	64.9
España	44.7	49.8	48.9	49.7	47.2	48.9	48.4	48.0	46.3	47.1
Francia	51.6	53.5	54.1	52.5	54.2	52.1	50.8	50.7	52.2	-
Japón	74.0	72.6	72.2	72.4	73.1	74.1	74.6	74.8	76.1	77.1
México	16.9	23.6	23.6	29.5	29.8	34.6	31.1	38.6	41.5	43.0
Reino Unido	49.9	47.6	48.5	48.3	45.5	43.5	42.2	44.1	42.1	45.2
Suecia	67.8	-	67.8	-	71.5	-	65.0	-	65.7	-

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.6 PORCENTAJES DEL GIDE FINANCIADO POR EL GOBIERNO, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	35.9	34.8	32.1	31.4	31.4	31.6	31.2	30.5	28.4	-
Argentina	65.5	66.2	67.5	70.7	74.3	70.2	68.9	64.5	65.3	66.7
Brasil	-	-	-	60.3	58.9	55.1	55.1	55.5	49.8	49.9
Canadá	32.0	30.3	31.2	29.3	29.2	31.7	31.6	31.3	32.4	32.7
Corea	22.9	25.9	24.9	23.9	25.0	25.4	23.9	23.1	23.0	23.1
Chile	69.0	72.2	72.9	70.3	68.9	54.6	43.3	44.5	-	-
China	-	-	-	33.4	-	-	29.9	26.6	26.3	24.7
E. U. A.	31.5	30.2	28.4	25.8	27.2	29.1	30.0	30.8	30.4	29.3
España	43.6	38.7	40.8	38.6	39.9	39.1	40.1	41.0	43.0	42.5
Francia	38.8	37.3	36.9	38.7	36.9	38.3	39.0	38.7	38.4	-
Japón	18.2	19.3	19.6	19.6	19.0	18.4	18.0	18.1	16.8	16.2
México	71.1	60.8	61.3	63.0	59.0	55.2	60.0	50.3	49.2	47.0
Reino Unido	30.7	30.6	29.2	30.2	28.9	28.9	31.7	32.9	32.7	31.9
Suecia	25.8	-	24.5	-	21.3	-	23.5	-	23.5	-

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.7 PORCENTAJES DEL GIDE FINANCIADO POR OTROS SECTORES NACIONALES, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	0.3	0.3	0.4	0.4	0.4	0.5	0.3	0.4	0.3	-
Argentina	3.8	3.8	4.2	4.4	3.7	4.3	3.5	3.7	2.9	3.2
Canadá	7.7	8.1	8.6	8.4	7.9	8.7	9.5	9.9	9.9	10.3
Corea	4.5	4.9	5.1	3.6	2.1	2.0	1.7	1.4	1.3	1.2
Chile	8.6	6.2	4.7	1.9	2.1	0.8	1.2	1.1	-	-
E. U. A.	4.4	4.4	4.5	4.6	5.1	5.6	5.7	5.6	5.7	5.8
España	4.9	4.8	4.7	6.8	5.3	5.2	5.8	4.8	5.0	4.5
Francia	1.6	1.8	1.9	1.6	1.7	1.6	1.8	1.8	1.9	-
Japón	7.5	7.8	7.8	7.6	7.5	7.2	7.0	6.8	6.8	6.4
México	9.5	8.1	9.8	6.5	9.8	9.1	8.4	7.7	7.4	8.0
Reino Unido	4.8	4.9	5	5.5	5.9	6.1	5.8	5.9	5.9	5.9
Suecia	2.8	-	4.2	-	3.8	-	4.3	-	3.1	-

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.8 PORCENTAJE DE GIDE EJECUTADO POR LAS EMPRESAS, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	67.5	67.9	69.8	70.3	69.9	69.2	69.7	69.8	69.3	69.9
Argentina	29.1	30.2	28.3	25.9	22.8	26.1	29.0	33.0	32.2	30.4
Brasil	-	-	-	40.1	39.2	40.4	39.6	40.2	-	-
Canadá	59.7	60.2	59.0	60.3	61.6	57.5	57.0	56.4	55.4	54.7
Corea	72.6	70.3	71.4	74.0	76.2	74.9	76.1	76.7	76.9	77.3
Chile	10.8	10.6	10.9	14.9	14.9	35.8	38.3	26.6	-	-
China	46.1	44.8	49.6	60.0	60.4	61.2	62.4	66.8	68.3	71.1
E. U. A.	73.1	73.8	74.2	74.7	72.6	70.0	69.3	69.2	69.6	70.3
España	48.8	52.1	52.0	53.7	52.4	54.6	54.1	54.4	53.8	55.5
Francia	62.5	62.3	63.2	62.5	63.2	63.3	62.6	63.1	62.4	63.3
Italia	49.8	48.3	49.3	50.1	49.1	48.3	47.3	47.8	50.4	-
Japón	72.0	71.2	70.7	71.0	73.7	74.4	75.0	75.2	76.4	77.2
México	19.7	28.2	25.5	29.8	30.3	34.0	30.7	42.7	46.9	42.8
Reino Unido	65.2	65.6	66.8	65.0	65.5	64.8	63.7	62.6	61.4	61.7
Suecia	74.9	-	75.1	-	77.2	-	74.1	73.5	74.1	74.9

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.9 PORCENTAJE DE GIDE EJECUTADO POR EL GOBIERNO, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	14.6	14.7	13.8	13.6	13.7	13.7	13.4	13.7	14.1	13.8
Argentina	39.6	39.5	39.0	38.3	39.9	37.2	41.1	39.7	39.7	40.7
Brasil	-	-	-	35.1	23.5	20.6	21.6	21.3	-	-
Canadá	13.2	12.2	11.9	11.3	10.4	10.5	9.6	9.0	9.8	9.3
Corea	15.8	17.5	14.5	13.3	12.4	13.4	12.6	12.1	11.9	11.6
Chile	39.4	39.5	37.7	40.4	40.4	11.0	12.9	23.0	-	-
China	40.6	42.6	38.5	31.5	29.7	28.7	27.1	23.0	21.8	19.7
E. U. A.	12.1	11.5	11.0	10.3	11.3	12.1	12.3	12.2	12.0	11.1
España	17.4	16.3	16.9	15.8	15.9	15.4	15.4	16.0	17.0	16.7
Francia	18.7	18.6	18.1	17.3	16.5	16.5	16.7	17.0	17.6	17.3
Italia	19.4	20.2	19.2	18.9	18.4	17.6	17.5	17.8	17.3	-
Japón	8.8	9.2	9.9	9.9	9.5	9.5	9.3	9.5	8.3	8.3
México	38.7	36.8	45.0	41.7	39.1	25.0	28.4	25.9	23.2	23.7
Reino Unido	13.8	13.4	12.2	12.6	10.0	9.2	10.4	10.7	10.6	10.0
Suecia	3.5	-	3.4	-	2.8	-	3.5	3.1	4.7	4.5

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.10 PORCENTAJE DE GIDE EJECUTADO POR INSTITUCIONES DE EDUCACIÓN SUPERIOR, POR PAÍSES

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	17.9	17.4	16.5	16.1	16.4	17.0	16.9	16.5	16.5	16.3
Argentina	29.8	28.5	30.4	33.5	35.0	33.9	27.4	25.0	25.8	26.5
Brasil	-	-	-	24.8	37.2	38.9	38.8	38.4	-	-
Canadá	26.5	27.2	28.8	28.1	27.7	31.7	33.1	34.2	34.4	35.5
Corea	10.4	11.2	12.0	11.3	10.4	10.4	10.1	9.9	9.9	10.0
Chile	48.8	49.0	50.5	43.8	43.8	38.8	32.6	41.8	-	-
China	11.3	10.4	9.4	8.6	9.8	10.1	10.5	10.2	9.9	9.2
E. U. A.	11.7	11.5	11.5	11.5	12.1	13.4	14.0	14.3	14.1	14.3
España	32.7	30.5	30.1	29.6	30.9	29.8	30.3	29.5	29.0	27.6
Francia	17.4	17.6	17.2	18.8	18.9	18.9	19.4	18.6	18.7	18.2
Italia	30.8	31.4	31.5	31.0	32.6	32.8	33.9	32.8	30.2	-
Japón	14.3	14.8	14.8	14.5	14.5	13.9	13.7	13.4	13.4	12.7
México	39.9	31.6	26.3	28.3	30.4	39.7	39.7	30.3	28.7	32.4
Reino Unido	19.7	19.7	19.6	20.6	22.7	24.0	24.0	24.7	25.7	26.1
Suecia	21.4	-	21.4	-	19.8	-	22.0	22.9	20.9	20.4

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2. Cifras para México con cálculos propios.

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A.2.11 GIDE POR TIPO DE ACTIVIDAD, POR PAÍS

Porcentajes

País	Investigación básica	Investigación aplicada	Desarrollo experimental
Alemania (2003) ^{1/}	4.5	51.7	43.8
Argentina (2006)	28.1	42.7	29.2
Chile (2004)	35.7	49.0	15.3
Corea (2003)	14.5	20.8	64.7
E. U. A. (2006)	18.6	23.1	58.3
España (2006)	19.1	43.2	37.6
Francia (2003)	24.1	36.2	39.7
Italia (2002) ^{2/}	13.5	51.8	34.7
Japón (2003)	13.3	22.4	64.3
México (2003)	26.5	32.2	41.3
Reino Unido (2003) ^{2/}	8.3	36.9	54.8
República Checa (2004)	26.4	28.5	45.1
Suiza (2000)	28.0	35.8	36.3

^{1/} El dato corresponde a GIDE de las empresas.

^{2/} El dato corresponde a GIDE de las empresas y el gobierno.

Fuentes: OCDE. Research and Development Statistics. 2005 Edition.

Página web de RICYT.

A.2.12 GASTO EN INVESTIGACIÓN BÁSICA, POR PAÍSES

Porcentaje de PIB

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Argentina	0.11	0.12	0.11	0.12	0.12	0.10	0.11	0.11	0.12	0.14
Australia	-	0.39	-	0.39	-	0.40	-	0.41	-	-
Corea	0.33	0.33	0.31	0.30	0.33	0.35	0.38	0.44	0.46	0.49
China	0.04	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.05	0.06
E. U. A.	0.45	0.41	0.42	0.44	0.47	0.49	0.51	0.49	0.49	0.48
España	0.15	-	0.15	0.15	0.15	0.15	0.21	0.20	0.20	-
Francia	0.48	0.54	0.53	0.51	0.51	0.52	0.52	0.51	0.51	-
Italia	-	-	-	-	-	-	-	-	0.30	-
Japón	0.34	0.36	0.37	0.38	0.38	0.40	0.40	0.38	0.40	0.40
México	0.07	-	-	0.12	0.12	-	0.11	-	-	-
Portugal	0.15	0.16	0.17	0.17	0.19	0.19	0.18	0.18	0.20	-
Israel	-	0.70	0.75	0.76	0.73	0.75	0.74	0.69	0.78	0.73

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

- = dato no disponible

A.2.13 GASTO PRESUPUESTAL DEL GOBIERNO EN IDE, POR PAÍS

Millones de ppp

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	15,914.9	15,955.4	16,263.6	16,559.2	16,901.8	17,769.8	18,651.1	18924.0	19,293.3	19,953.5
Argentina	1,116.1	1,201.6	1,200.6	1,104.0	1,004.8	666.8	764.6	843.1	1,035.0	1,223.5
Canadá	3,654.4	4,105.1	4,439.0	4,568.9	5,354.1	5,566.4	5,892.1	6182.0	6,671.6	6,855.5
Corea	-	-	4,337.1	4,978.2	5,890.2	6,701.1	7010.0	7,680.5	8,539.3	9,485.7
E. U. A.	71,653.3	73,568.7	77,637.1	83,612.5	91,505.1	103,056.7	114,866.1	126,270.5	131,259.0	136,019.0
España	3,343.5	4,022.6	4,415.4	5,117.2	6,029.3	7,323.4	7,632.4	8,830.3	9,944.7	12,934.0
Francia	13,475.4	13,708.2	13,893.8	15,123.5	16,524.3	17,125.4	16,863.4	16,945.1	18,100.3	15,987.8
Israel	1,153.6	1,147.8	1,179.1	1,336.9	1,411.8	1,118.8	1,167.9	1,071.4	1,058.9	1,086.8
Italia	7,710.2	7,667.1	7,512.6	9,475.5	10,338.7	-	-	-	10,945.0	10,478.7
Japón	17,817.0	18,202.5	19,481.7	21,198.8	23,213.9	24,652.7	25,752.8	26,862.6	27,617.8	28,717.7
México	1,953.3	1,778.2	2,028.8	2,109.6	2,139.0	2,213.4	2,635.7	2,340.0	2,477.4	2,642.5
Portugal	749.9	838.8	991.7	1,096.5	1,184.5	1,272.2	1,200.5	1,280.2	1,529.5	1,585.8
Reino Unido	9,471.9	9,024.0	9,615.5	10,414.1	10,881.5	12,872.8	13,137.4	13,183.5	13,765.5	14,768.8
Suecia	-	1,624.1	1,626.1	1,720.2	2,053.0	2,278.6	2,492.3	2,534.9	2,572.0	2,703.9

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

- = dato no disponible

Cifras de México con cálculos propios.

A.2.14 TOTAL DE INVESTIGADORES, POR PAÍS

Número de investigadores en equivalente de tiempo completo

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	235,793	237,712	254,691	257,874	264,385	265,812	268,942	270,215	277,628	282,063
Argentina	24,804	25,419	26,004	26,420	25,656	26,083	27,367	29,471	31,868	35,040
Brasil	-	-	-	64,002	67,801	71,825	79,301	88,417	109,420	118,296
Canadá	93,210	95,250	98,813	108,492	114,640	115,860	118,860	125,330	-	-
Corea	102,660	92,541	100,210	108,370	136,337	141,917	151,254	156,220	179,812	199,990
Chile	5,278	5,439	5,549	5,629	5,712	6,942	12,322	13,427	-	-
China	588,700	485,500	531,100	695,062	742,726	810,525	862,108	926,252	1,118,698	1,223,756
E. U. A.	1,159,908	-	1,260,920	1,289,782	1,319,705	1,342,454	1,430,551	1,393,523	1,387,882	-
España	53,883	60,269	61,568	76,670	80,081	83,318	92,523	100,994	109,720	115,798
Francia	154,742	155,727	160,424	172,070	177,372	186,420	192,790	200,064	204,484	-
Italia	65,694	65,354	65,098	66,110	66,702	71,242	70,332	72,012	82,489	-
Japón	625,442	652,845	658,910	647,572	675,898	646,547	675,330	677,206	704,949	709,691
México ^{1/}	21,417	20,832	21,879	22,228	23,390	31,132	33,558	39,724	43,922	48,926
Reino Unido	145,641	157,662	163,108	161,352	167,019	174,433	178,035	173,715	179,387	183,535
Suecia	36,878	-	39,921	-	45,995	-	48,186	48,784	55,090	55,729

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Sitio web de RICYT.

^{1/}Cifra de México es estimación de Conacyt

- = dato no disponible

A.2.15 TOTAL DE INVESTIGADORES POR CADA MIL INTEGRANTES DE LA PEA

Número de personas en equivalente de tiempo completo

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	6.30	6.30	6.60	6.60	6.70	6.80	6.90	6.90	7.10	7.20
Argentina	2.20	2.20	2.20	2.20	2.30	2.20	2.20	2.20	2.30	2.50
Brasil	-	-	-	0.70	0.79	0.81	0.88	0.95	1.14	1.22
Canadá	6.70	6.70	6.70	7.20	7.50	7.40	7.50	7.70	-	-
Corea	4.80	4.60	4.90	5.10	6.30	6.40	6.80	6.90	7.90	8.60
Chile	1.04	1.05	1.04	1.06	1.06	1.12	1.93	2.03	-	-
China	0.80	0.70	0.70	1.00	1.00	1.10	1.20	1.20	1.50	1.60
E. U. A.	8.80	-	9.30	9.30	9.50	9.70	10.20	9.80	9.60	-
España	3.80	4.00	3.90	4.70	4.70	4.80	5.20	5.50	5.70	5.80
Francia	6.80	6.70	6.80	7.10	7.20	7.50	7.70	8.00	8.20	-
Italia	3.00	2.90	2.90	2.90	2.90	3.00	2.90	3.00	3.40	-
Japón	9.30	9.80	10.00	9.90	10.40	10.10	10.60	10.60	11.00	11.10
México ^{1/}	0.56	0.56	0.55	0.55	0.58	0.54	0.58	0.68	0.73	0.80
Reino Unido	5.10	5.50	5.60	5.40	5.60	5.80	5.90	5.70	5.80	5.80
Suecia	9.20	-	9.60	-	10.50	-	11.00	11.20	12.70	12.60

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Sitio web de RICYT.

^{1/}Cifra de México es estimación de Conacyt

- = dato no disponible

A.2.16 ARTÍCULOS CIENTÍFICOS PUBLICADOS ANUALMENTE POR PAÍS

Número

País	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Alemania	63,729	64,026	63,992	65,619	64,149	68,409	63,897	73,985	71,374	72,294
Argentina	3,582	3,975	4,240	4,364	4,588	4,671	4,372	5,190	5,108	5,284
Brasil	7,999	9,036	9,596	10,646	11,372	12,698	13,369	15,844	16,902	17,627
Canadá	31,973	33,042	32,448	32,514	32,778	36,518	35,462	42,304	43,114	44,359
Chile	1,564	1,743	1,830	2,036	2,117	2,524	2,306	2,970	2,984	3,081
China	19,783	23,102	25,299	29,664	33,863	40,867	46,133	59,513	69,489	79,511
Colombia	466	513	599	631	700	694	701	895	1,000	1,017
Corea	9,843	11,318	12,479	14,871	15,864	18,782	19,332	23,026	23,228	25,429
E.U.A.	246,710	247,708	245,305	251,953	247,499	268,280	257,338	291,495	286,263	286,433
España	19,668	20,953	21,104	22,454	23,146	24,829	24,836	29,153	30,386	31,914
Francia	46,114	46,875	45,876	47,037	45,467	49,470	45,305	52,446	50,651	51,175
Grecia	4,302	4,376	4,615	5,359	5,420	6,213	6,239	7,315	8,011	8,659
India	15,234	16,388	15,433	16,951	17,639	20,038	19,801	23,979	25,633	27,411
Italia	29,037	29,621	29,785	31,726	32,060	35,647	34,537	39,214	39,214	41,370
Japón	67,677	69,456	68,701	71,153	69,796	75,673	68,908	75,428	71,131	70,435
México	4,046	4,533	4,623	4,992	5,201	5,869	5,900	6,813	6,612	6,991
Polonia	8,178	8,808	9,142	10,034	10,449	11,669	11,775	13,085	13,020	12,509
Portugal	2,317	2,878	2,984	3,412	3,606	4,170	4,325	5,082	5,751	5,837
Reino Unido	66,347	67,989	69,240	68,472	66,016	70,731	67,298	76,334	75,024	77,493
Turquía	4,191	4,879	5,112	6,176	7,948	9,985	11,299	13,908	13,722	14,650
Venezuela	800	893	859	929	905	991	905	1,013	946	946
Total Mundial	710,860	725,138	722,851	741,606	738,028	802,477	772,902	888,785	883,733	908,816

Fuente: Institute for Scientific Information, 2008.

A.2.17 CITAS RECIBIDAS POR PAÍS EN ANÁLISIS QUINQUENAL

Número

País	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07
Alemania	1,169,140	1,271,077	1,366,504	1,479,794	1,578,239	1,683,320	1,732,682	1,887,287	1,991,051	2,102,702
Argentina	34,142	39,473	45,162	52,593	56,079	62,698	66,924	74,758	80,554	87,507
Brasil	64,431	75,718	84,979	99,357	118,001	136,845	154,463	182,414	210,760	238,154
Canadá	702,925	739,170	766,126	795,525	820,998	867,688	890,977	967,563	1,048,569	1,148,386
Chile	17,671	21,393	22,915	26,328	31,320	35,101	39,141	46,945	53,756	60,113
China	116,922	142,078	171,033	212,329	260,127	333,001	413,069	552,057	706,249	898,502
Colombia	5,747	7,063	6,934	7,395	8,017	8,478	9,303	10,698	12,449	14,542
Corea	59,467	76,943	96,357	123,441	154,050	193,258	228,439	281,003	328,834	378,203
E.U.A.	6,737,448	6,987,364	7,084,534	7,336,438	7,515,777	7,898,583	8,063,156	8,685,053	9,095,255	9,528,709
España	260,446	294,666	332,773	374,175	411,821	457,476	485,131	546,458	611,826	681,881
Francia	847,355	910,447	958,990	1,023,617	1,070,383	1,123,169	1,149,026	1,237,935	1,291,250	1,361,503
Grecia	41,194	47,674	52,677	59,218	66,931	76,351	86,381	100,648	117,362	135,241
India	98,865	105,920	113,904	125,330	142,693	162,147	183,506	221,949	261,295	303,623
Italia	502,613	550,045	593,914	647,067	693,541	744,364	774,909	865,933	943,341	1,015,053
Japón	1,008,366	1,080,272	1,149,108	1,248,659	1,327,306	1,418,507	1,459,714	1,565,035	1,606,116	1,662,469
México	33,417	39,853	44,311	51,006	57,811	65,374	71,390	81,433	91,266	101,598
Polonia	82,057	90,066	95,441	105,894	120,810	137,158	151,432	175,203	193,407	213,186
Portugal	23,812	28,722	33,466	41,016	48,507	58,064	65,074	78,381	90,471	104,922
Reino Unido	1,421,782	1,514,202	1,580,076	1,690,903	1,771,200	1,878,214	1,939,023	2,080,513	2,198,707	2,304,424
Turquía	19,363	24,105	29,037	34,894	43,517	55,556	69,745	92,979	116,487	140,855
Venezuela	7,585	7,968	8,132	9,110	10,034	10,909	11,283	13,302	14,523	16,066

Fuente: Institute for Scientific Information, 2008.

A.2.18 FACTOR DE IMPACTO EN ANÁLISIS QUINQUENAL, POR PAÍS

País	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07
Alemania	4.19	4.33	4.48	4.69	4.91	5.16	5.31	5.62	5.82	6.01
Argentina	2.28	2.37	2.47	2.68	2.70	2.87	3.01	3.22	3.37	3.55
Brasil	2.09	2.16	2.16	2.26	2.43	2.57	2.68	2.85	3.00	3.12
Canadá	4.35	4.55	4.73	4.92	5.04	5.19	5.25	5.39	5.51	5.69
Chile	2.48	2.79	2.82	3.03	3.37	3.42	3.62	3.93	4.17	4.34
China	1.51	1.59	1.69	1.83	1.97	2.18	2.35	2.63	2.83	3.04
Colombia	3.22	3.44	2.95	2.80	2.76	2.70	2.80	2.95	3.12	3.38
Corea	1.78	1.88	2.01	2.19	2.39	2.64	2.81	3.06	3.28	3.44
E.U.A.	5.54	5.69	5.78	5.95	6.07	6.27	6.35	6.60	6.73	6.86
España	3.10	3.24	3.44	3.66	3.84	4.07	4.17	4.39	4.62	4.83
Francia	4.02	4.15	4.28	4.47	4.63	4.79	4.93	5.16	5.31	5.47
Grecia	2.30	2.48	2.55	2.64	2.78	2.94	3.10	3.29	3.54	3.71
India	1.34	1.40	1.50	1.60	1.75	1.88	2.04	2.26	2.44	2.60
Italia	3.85	4.02	4.18	4.39	4.56	4.69	4.73	5.00	5.22	5.34
Japón	3.30	3.39	3.49	3.68	3.83	4.00	4.12	4.34	4.45	4.60
México	2.07	2.19	2.22	2.35	2.47	2.59	2.69	2.83	3.00	3.16
Polonia	2.21	2.29	2.32	2.43	2.59	2.74	2.85	3.07	3.22	3.44
Portugal	2.61	2.70	2.78	3.01	3.19	3.41	3.52	3.81	3.94	4.17
Reino Unido	4.59	4.73	4.81	5.06	5.24	5.48	5.67	5.96	6.19	6.28
Turquía	1.25	1.31	1.39	1.46	1.54	1.63	1.72	1.89	2.05	2.22
Venezuela	2.16	2.11	2.05	2.14	2.29	2.38	2.46	2.8	3.05	3.35
Total	3.84	3.94	3.99	4.12	4.21	4.36	4.42	4.61	4.72	4.82

Fuente: Institute for Scientific Information, 2008.

A.2.19 PARTICIPACIÓN PORCENTUAL DE LA PRODUCCIÓN MUNDIAL DE ARTÍCULOS PUBLICADOS, POR PAÍS

País	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Alemania	8.97	8.83	8.85	8.85	8.69	8.52	8.27	8.32	8.08	7.95
Argentina	0.50	0.55	0.59	0.59	0.62	0.58	0.57	0.58	0.58	0.58
Brasil	1.13	1.25	1.33	1.44	1.54	1.58	1.73	1.78	1.91	1.94
Canadá	4.50	4.56	4.49	4.38	4.44	4.55	4.59	4.76	4.88	4.88
Chile	0.22	0.24	0.25	0.27	0.29	0.31	0.30	0.33	0.34	0.34
China	2.78	3.19	3.50	4.00	4.59	5.09	5.97	6.70	7.86	8.75
Colombia	0.07	0.07	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.11
Corea	1.38	1.56	1.73	2.01	2.15	2.34	2.50	2.59	2.63	2.80
E.U.A.	34.71	34.16	33.94	33.97	33.54	33.43	33.30	32.80	32.39	31.52
España	2.77	2.89	2.92	3.03	3.14	3.09	3.21	3.28	3.44	3.51
Francia	6.49	6.46	6.35	6.34	6.16	6.16	5.86	5.90	5.73	5.63
Grecia	0.61	0.60	0.64	0.72	0.73	0.77	0.81	0.82	0.91	0.95
India	2.14	2.26	2.14	2.29	2.39	2.50	2.56	2.70	2.90	3.02
Italia	4.08	4.08	4.12	4.28	4.34	4.44	4.47	4.41	4.44	4.55
Japón	9.52	9.58	9.50	9.59	9.46	9.43	8.92	8.49	8.05	7.75
México	0.57	0.63	0.64	0.67	0.70	0.73	0.76	0.77	0.75	0.77
Polonia	1.15	1.21	1.26	1.35	1.42	1.45	1.52	1.47	1.47	1.38
Portugal	0.33	0.40	0.41	0.46	0.49	0.52	0.56	0.57	0.65	0.64
Reino Unido	9.33	9.38	9.58	9.23	8.94	8.81	8.71	8.59	8.49	8.53
Turquía	0.59	0.67	0.71	0.83	1.08	1.24	1.46	1.56	1.55	1.61
Venezuela	0.11	0.12	0.12	0.13	0.12	0.12	0.12	0.11	0.11	0.10

Fuente: Institute for Scientific Information, 2008.

A.2.20 SOLICITUDES DE PATENTES POR PAÍS

Número

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	55,729	57,366	59,531	62,142	60,475	58,187	58,481	59,234	60,222	60,585
Argentina	5,859	6,320	6,457	6,636	5,779	4,861	4,557	4,602	5,269	5,617
Brasil	20,354	21,526	23,877	24,151	24,348	23,995	24,753	26,702	26,398	26,509
Canadá	28,582	33,972	37,250	39,622	39,716	39,741	37,228	38,201	39,888	42,038
Corea	92,684	75,233	80,642	102,010	104,612	106,136	118,651	140,115	160,921	166,189
Chile	2,942	3,104	3,268	3,683	3,201	3,007	2,787	3,353	3,497	3,730
E. U. A.	220,496	236,979	265,763	295,895	326,471	334,445	342,441	356,943	390,733	425,966
España	2,733	2,747	2,945	3,194	2,995	3,134	3,180	3,184	3,353	3,427
Francia	16,889	16,795	16,874	17,353	17,104	16,908	16,850	17,290	17,275	17,249
Japón	401,618	402,095	404,457	419,543	440,248	421,805	413,093	423,081	427,078	408,674
México ^{1/}	10,531	10,893	12,110	13,061	13,566	13,062	12,207	13,194	14,436	15,500
Reino Unido	28,109	29,613	31,732	32,747	32,081	31,531	31,624	29,954	27,988	25,745
Suecia	5,070	4,725	4,995	5,068	4,500	3,955	3,728	3,230	2,960	2,859

Fuentes: Sitios web de OMPI y RICYT.

^{1/} IMPI en cifras 2007

A.2.21 SOLICITUDES DE PATENTES DE RESIDENTES, POR PAÍS

Número

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	44,438	46,523	50,029	51,736	49,989	47,598	47,818	48,448	48,367	48,012
Argentina	824	861	899	1,062	691	718	792	786	1,054	1,020
Brasil	7,111	6,995	8,261	8,877	9,535	10,002	10,672	11,178	13,169	10,343
Canadá	3,344	3,809	4,061	4,187	3,963	3,959	3,929	5,231	5,183	5,522
Corea	67,359	50,596	55,970	72,831	73,714	76,570	90,313	105,250	122,188	125,476
Chile	265	301	339	407	413	547	506	595	573	475
E. U. A.	119,214	134,733	149,251	164,795	177,513	184,245	188,941	189,536	207,867	221,784
España	2,237	2,271	2,439	2,710	2,528	2,763	2,813	2,871	3,040	3,111
Francia	13,252	13,251	13,592	13,870	13,499	13,519	13,511	14,230	14,327	14,529
Japón	349,211	357,379	357,531	384,201	382,815	365,204	358,184	368,416	367,960	347,060
México ^{1/}	420	453	455	431	534	526	468	565	584	574
Reino Unido	17938	19530	21333	22050	21423.00	20624.00	20426	19178	17833	17484
Suecia	4,130	3,972	4,142	4,224	3,926	3,358	3,025	2,768	2,522	2,446

Fuentes: Sitios web de OMPI y RICYT.

^{1/} IMPI en cifras 2007

A.2.22 SOLICITUDES DE PATENTES DE NO RESIDENTES, POR PAÍS

Número

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	11,291	10,843	9,502	10,406	10,486	10,589	10,663	10,786	11,855	12,573
Argentina	5,035	5,459	5,558	5,574	5,088	4,143	3,765	3,816	4,215	4,597
Brasil	13,243	14,531	15,616	15,274	14,813	13,993	14,081	15,524	13,229	16,166
Canadá	25,238	30,163	33,189	35,435	35,753	35,782	33,299	32,970	34,705	36,516
Corea	25,325	24,637	24,672	29,179	30,898	29,566	28,338	34,865	38,733	40,713
Chile	2,677	2,803	2,929	3,276	2,788	2,460	2,281	2,758	2,924	3,255
E. U. A.	101,282	102,246	116,512	131,100	148,958	150,200	153,500	167,407	182,866	204,182
España	496	476	506	484	467	371	367	313	313	316
Francia	3,637	3,544	3,282	3,483	3,605	3,389	3,339	3,060	2,948	2,720
Japón	52,407	44,716	46,926	35,342	57,433	56,601	54,909	54,665	59,118	61,614
México ^{1/}	10,111	10,440	11,655	12,630	13,032	12,536	11,739	12,629	13,852	14,926
Reino Unido	10,171	10,083	10,399	10,697	10,658	10,907	11,198	10,776	10,155	8,261
Suecia	940	753	853	844	574	597	703	462	438	413

Fuentes: Sitios web de OMPI y RICYT.

^{1/} IMPI en cifras 2007

A.2.23 RELACIÓN DE DEPENDENCIA, POR PAÍS

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	0.25	0.23	0.19	0.20	0.21	0.22	0.22	0.22	0.25	0.26
Argentina	6.11	6.34	6.18	5.25	7.36	5.77	4.75	4.85	4.00	4.51
Brasil	1.86	2.08	1.89	1.72	1.55	1.40	1.32	1.39	1.00	1.56
Canadá	7.55	7.92	8.17	8.46	9.02	9.04	8.48	6.30	6.70	6.61
Corea	0.38	0.49	0.44	0.40	0.42	0.39	0.31	0.33	0.32	0.32
Chile	10.10	9.31	8.64	8.05	6.75	4.50	4.51	4.64	5.10	6.85
E. U. A.	0.85	0.76	0.78	0.80	0.84	0.82	0.81	0.88	0.88	0.92
España	0.22	0.21	0.21	0.18	0.18	0.13	0.13	0.11	0.10	0.10
Francia	0.27	0.27	0.24	0.25	0.27	0.25	0.25	0.22	0.21	0.19
Japón	0.15	0.13	0.13	0.09	0.15	0.15	0.15	0.15	0.16	0.18
México ^{1/}	24.07	23.05	25.62	29.30	24.4	23.83	25.08	22.35	23.72	26.00
Reino Unido	0.57	0.52	0.49	0.49	0.50	0.53	0.55	0.56	0.57	0.47
Suecia	0.23	0.19	0.21	0.20	0	0.18	0.23	0.17	0.17	0.17

Fuentes: Sitios web de OMPI y RICYT.

^{1/} IMPI en cifras 2007

A.2.24 RELACIÓN DE AUTOSUFICIENCIA, POR PAÍS

País	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	0.80	0.81	0.84	0.83	0.83	0.82	0.82	0.82	0.80	0.80
Argentina	0.14	0.14	0.14	0.16	0.12	0.15	0.17	0.17	0.15	0.14
Brasil	0.35	0.32	0.35	0.37	0.39	0.42	0.43	0.42	0.42	0.42
Canadá	0.12	0.11	0.11	0.11	0.10	0.10	0.11	0.14	0.13	0.12
Corea	0.73	0.67	0.69	0.71	0.70	0.72	0.76	0.75	0.65	0.63
Chile	0.09	0.10	0.10	0.11	0.13	0.18	0.18	0.18	0.17	0.16
E. U. A.	0.54	0.57	0.56	0.56	0.54	0.55	0.55	0.53	0.49	0.44
España	0.82	0.83	0.83	0.85	0.84	0.88	0.88	0.90	0.86	0.84
Francia	0.78	0.79	0.81	0.80	0.79	0.80	0.80	0.82	0.82	0.82
Japón	0.87	0.89	0.88	0.92	0.87	0.87	0.87	0.87	0.86	0.90
México ^{1/}	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04
Reino Unido	0.64	0.66	0.67	0.67	0.67	0.65	0.65	0.64	0.69	0.74
Suecia	0.81	0.84	0.83	0.83	0.87	0.85	0.81	0.86	0.94	0.97

Fuentes: Sitios web de OMPI y RICYT.

^{1/} IMPI en cifras 2007

A.2.25 COEFICIENTE DE INVENTIVA, POR PAÍS

País	1997 ^{1/}	1998 ^{1/}	1999 ^{1/}	2000 ^{1/}	2001 ^{1/}	2002 ^{1/}	2003 ^{1/}	2004	2005	2006
Alemania	5.42	5.67	6.09	6.29	6.07	5.77	5.79	5.87	5.87	5.83
Argentina	0.24	0.25	0.25	0.30	0.19	0.20	0.21	0.21	0.28	0.27
Brasil	0.43	0.42	0.49	0.52	0.55	0.57	0.60	0.62	0.71	0.55
Canadá	1.12	1.26	1.34	1.36	1.28	1.26	1.24	1.64	1.61	n.d.
Corea	14.66	10.93	12.01	15.49	15.57	16.08	18.87	21.91	25.38	25.98
Chile	0.18	0.20	0.22	0.26	0.27	0.35	0.32	0.37	0.35	0.29
E. U. A.	4.37	4.88	5.34	5.83	6.22	6.39	6.49	6.44	7.00	7.40
España	0.57	0.57	0.61	0.67	0.62	0.67	0.67	0.67	0.70	0.71
Francia	2.21	2.21	2.25	2.28	2.21	2.19	2.18	2.28	2.28	2.30
Japón	27.71	28.29	28.24	30.29	30.11	28.66	28.04	28.84	28.80	n.d.
México	0.04	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.06	0.05
Reino Unido	3.1	3.3	3.6	3.7	3.62	3.48	3.43	3.21	2.96	2.89
Suecia	4.7	4.5	4.7	4.8	4.41	3.76	3.38	3.08	2.79	2.69

^{1/} Cifras sujetas a revisión por modificaciones en la información de la OMPI

Fuentes: OMPI, IMPI, RICYT y UNFPA.

Al trabajar con datos OMPI, se debe considerar que una invención puede derivar en tantas patentes como países en que se registre dicha invención.

A.2.26 NÚMERO DE FAMILIAS DE PATENTES TRIÁDICAS, POR PAÍS

Número

País	1997	1998	1999	2000	2001	2002	2003	2004	2005
Alemania	5,499	6,069	6,255	6,071	6,085	5,975	6,077	6,212	6,298
Argentina	6	9	9	7	4	7	8	8	9
Canadá	556	590	631	566	557	638	658	731	777
China	40	42	62	81	111	175	233	268	356
Corea	416	487	663	720	901	1,211	1,797	2,394	2,811
E. U. A.	14,544	14,218	15,516	14,897	14,651	15,238	15,360	15,584	15,774
España	99	120	126	140	153	156	156	188	197
Francia	2,112	2,245	2,308	2,280	2,317	2,345	2,462	2,512	2,472
Italia	712	636	637	664	701	668	714	718	722
Japón	10,649	11,232	12,740	14,481	13,490	13,784	14,629	14,977	14,976
México	13	9	12	8	11	12	15	13	17
Reino Unido	1,547	1,671	1,678	1,659	1,677	1,698	1,695	1,667	1,651
Suecia	835	743	730	686	667	690	671	703	732

Patentes solicitadas en EPO y JPO y concedidas por la USPTO. Año de prioridad, fecha de la primera solicitud internacional de la patente

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.27 BPT POR PAÍS: INGRESOS

Millones de dólares EUA

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	13,424.4	12,950.8	13,583.0	14,576.2	16,552.6	23,249.7	28,629.3	33,094.6	34,315.1
Canadá	1,884.1	1,993.6	2,599.8	2,076.5	1,437.6	1,768.0	2,072.2	-	-
E. U. A.	35,626.0	39,670.0	43,233.0	47,442.0	52,650.0	56,364.0	63,178.0	69,600.0	75,380.0
España	190.9	-	-	-	-	-	-	-	-
Francia	2,590.6	2,755.1	2,741.8	3,196.4	3,619.7	5,188.3	-	-	-
Italia	3,032.3	3,369.5	2,806.6	2,683.6	2,977.5	3,108.5	3,861.5	4,265.2	4,968.0
Japón	6,998.2	8,435.0	9,816.3	10,259.4	11,059.8	13,043.6	16,354.4	18,402.5	20,448.8
México ^{1/}	138.4	42.0	43.1	40.8	65.9	75.7	44.9	69.5	-
Reino Unido	16,749.9	17,885.1	16,330.0	18,023.3	19,665.1	23,539.0	29,569.0	30,803.7	30,405.5
Suecia	-	-	-	-	-	7,369.3	9,308.1	9,752.5	11,556.0

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Para información de México: Banco de México para cifras hasta 2001; en adelante con base en las encuestas ESIDET 2004 y 2006 de INEGI-Conacyt

- = dato no disponible

A.2.28 BPT POR PAÍS: EGRESOS

Millones de dólares EUA

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	16,220.9	17,209.2	18,215.4	21,029.8	21,726.0	23,277.9	25,862.8	29,368.8	31,941.7
Canadá	1,172.3	1,354.9	1,278.0	1,049.2	1,097.9	1,123.4	1,180.6	-	-
E. U. A.	11,235.0	13,107.0	16,468.0	18,963.0	22,381.0	23,443.0	28,336.0	31,376.0	35,479.0
España	1,025.4	-	-	-	-	-	-	-	-
Francia	3,124.2	3,169.4	2,644.2	2,695.3	2,801.3	3,233.5	-	-	-
Italia	3,616.2	4,238.6	3,505.4	3,439.8	2,993.2	3,794.9	4,069.8	4,553.2	3,989.9
Japón	3,285.2	3,602.0	4,113.5	4,512.3	4,320.3	4,862.8	5,246.6	6,384.7	6,065.3
México ^{1/}	453.5	554.2	406.7	418.5	689.5	671.6	1,354.7	1,847.99	-
Reino Unido	9,524.3	9,283.9	8,344.3	8,589.9	8,548.9	10,449.5	13,956.9	14,867.3	15,424.5
Suecia	-	-	-	-	-	6,440.4	7,038.2	7,244.3	10,839.3

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Para información de México: Banco de México para cifras hasta 2001; en adelante con base en las encuestas ESIDET 2004 y 2006 de INEGI-Conacyt

- = dato no disponible

A.2.29 BPT POR PAÍS: SALDOS

Millones de dólares EUA

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	-2,796.5	-4,258.4	-4,632.4	-6,453.6	-5,173.4	-28.2	2,766.5	3,725.8	2,373.4
Canadá	711.8	638.7	1,321.8	1,027.3	339.7	644.6	891.6	-	-
E. U. A.	24,391.0	26,563.0	26,765.0	28,479.0	30,269.0	32,921.0	34,842.0	38,224.0	39,901
España	-834.5	-	-	-	-	-	-	-	-
Francia	-533.6	-414.3	97.6	501.1	818.4	1,954.8	-	-	-
Italia	-583.9	-869.1	-698.8	-756.2	-15.7	-686.4	-208.3	-288.0	978.1
Japón	3,713.0	4,833.0	5,702.8	5,747.1	6,739.5	8,180.8	11,107.8	12,017.8	14,383.5
México ^{1/}	-315.1	-512.2	-363.6	-377.7	-623.6	-596.0	-1,309.8	-1,778.5	-
Reino Unido	7,225.6	8,601.2	7,985.7	9,433.4	11,116.2	13,089.5	15,612.1	15,936.4	14,981
Suecia	-	-	-	-	-	928.9	2,269.9	2,508.2	716.7

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Para información de México: Banco de México para cifras hasta 2001; en adelante con base en las encuestas ESIDET 2004 y 2006 de INEGI-Conacyt

- = dato no disponible

A.2.30 BPT POR PAÍS: TRANSACCIONES TOTALES

Millones de dólares EUA

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	29,645.3	30,160.0	31,798.4	35,606.0	38,278.6	46,527.6	54,492.1	62,463.4	66,256.8
Canadá	3,056.4	3,348.5	3,877.8	3,125.7	2,535.5	2,891.4	3,252.8	-	-
E. U. A.	46,861.0	52,777.0	59,701.0	66,405.0	75,031.0	79,807.0	91,514.0	100,976.0	110,859.0
España	1,216.3	-	-	-	-	-	-	-	-
Francia	5,714.8	5,924.5	5,386.0	5,891.7	6,421.0	8,421.8	-	-	-
Italia	6,648.5	7,608.1	6,312.0	6,123.4	5,970.7	6,903.4	7,931.3	8,818.4	8,957.9
Japón	10,283.4	12,037.0	13,929.8	14,771.7	15,380.1	17,906.4	21,601.0	24,787.2	26,514.1
México ^{1/}	591.9	596.2	449.8	459.3	755.3	747.3	1,399.6	1,917.5	-
Reino Unido	26,274.2	27,169.0	24,674.3	26,613.2	28,214.0	33,988.5	43,525.9	45,671.0	45,830.0
Suecia	-	-	-	-	-	13,809.7	16,346.3	16,996.8	22,395.3

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Para información de México: Banco de México para cifras hasta 2001; en adelante con base en las encuestas ESIDET 2004 y 2006 de INEGI-Conacyt

- = dato no disponible

A.2.31 BPT POR PAÍS: TASA DE COBERTURA

Millones de dólares EUA

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	0.83	0.75	0.75	0.69	0.76	1.00	1.11	1.13	1.07
Canadá	1.61	1.47	2.03	1.98	1.31	1.57	1.76	-	-
E. U. A.	3.17	3.03	2.63	2.50	2.35	2.40	2.23	2.22	2.12
España	0.19	-	-	-	-	-	-	-	-
Francia	0.83	0.87	1.04	1.19	1.29	1.60	-	-	-
Italia	0.84	0.79	0.80	0.78	0.99	0.82	0.95	0.94	1.25
Japón	2.13	2.34	2.39	2.27	2.56	2.68	3.12	2.88	3.37
México ^{1/}	0.31	0.08	0.11	0.10	0.10	0.11	0.03	0.04	-
Reino Unido	1.76	1.93	1.96	2.10	2.30	2.25	2.12	2.07	1.97
Suecia	-	-	-	-	-	1.14	1.32	1.35	1.07

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

Para información de México: Banco de México para cifras hasta 2001; en adelante con base en las encuestas ESIDET 2004 y 2006 de INEGI-Conacyt

- = dato no disponible

A.2.32 COMERCIO EXTERIOR DE BAT. TASA DE COBERTURA DE LA INDUSTRIA MANUFACTURERA*

Razón de exportaciones/ importaciones

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	1.03	0.98	0.99	0.97	1.04	1.03	1.06	1.11	1.09
Canadá	0.59	0.61	0.59	0.69	0.65	0.60	0.61	0.59	0.60
Corea	1.26	1.63	1.49	1.42	1.36	1.47	1.56	1.76	1.72
E. U. A.	1.03	1.01	0.95	0.89	0.93	0.84	0.81	0.78	0.78
España	0.49	0.47	0.43	0.43	0.47	0.50	0.50	0.46	0.47
Francia	1.12	1.10	1.11	1.07	1.12	1.14	1.08	1.05	1.04
Italia	0.73	0.70	0.66	0.70	0.73	0.74	0.70	0.66	0.69
Japón	1.95	1.92	1.78	1.73	1.51	1.49	1.50	1.51	1.38
México	1.12	1.10	1.08	1.03	1.03	1.08	1.03	0.98	0.99
Reino Unido	1.05	1.04	0.99	0.93	1.07	1.08	0.95	0.85	1.00
Suecia	1.43	1.39	1.52	1.44	1.26	1.40	1.40	1.36	1.37

*Industrias consideradas: - computadoras y máquinas de oficina
- electrónica y telecomunicaciones
- farmacéutica
- instrumentos de precisión
- aeroespacial

Fuentes: OECD. Main Science and Technology Indicators, 2007-2 y 1.

A.2.33 COMERCIO EXTERIOR DE BAT. TASA DE COBERTURA DE LA INDUSTRIA DE COMPUTADORAS Y MÁQUINAS DE OFICINA

Razón de exportaciones/ importaciones

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	0.58	0.55	0.51	0.58	0.56	0.59	0.64	0.78	0.76
Canadá	0.50	0.51	0.45	0.46	0.42	0.33	0.33	0.33	0.31
Corea	1.72	2.75	2.44	2.55	2.39	3.00	3.33	3.66	2.52
E. U. A.	0.68	0.61	0.56	0.61	0.64	0.51	0.50	0.46	0.47
España	0.36	0.38	0.39	0.38	0.35	0.28	0.27	0.24	0.19
Francia	0.75	0.69	0.67	0.63	0.58	0.54	0.47	0.44	0.40
Italia	0.54	0.48	0.41	0.39	0.38	0.34	0.32	0.26	0.26
Japón	1.96	1.99	1.63	1.28	1.22	1.16	1.00	0.95	0.88
México	2.10	2.38	2.26	2.08	1.64	1.37	1.31	1.17	1.03
Reino Unido	0.95	0.81	0.80	0.74	0.81	0.76	0.66	0.59	0.65
Suecia	0.29	0.22	0.23	0.23	0.31	0.35	0.35	0.39	0.36

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.34 COMERCIO EXTERIOR DE BAT. TASA DE COBERTURA DE LA INDUSTRIA ELECTRÓNICA Y TELECOMUNICACIONES

Razón de exportaciones/ importaciones

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	1.01	0.92	0.96	0.95	0.92	0.99	0.98	0.96	0.93
Canadá	0.64	0.60	0.62	0.78	0.63	0.60	0.58	0.58	0.64
Corea	1.59	1.78	1.55	1.46	1.46	1.57	1.68	1.99	2.04
E. U. A.	0.89	0.85	0.86	0.80	0.82	0.74	0.74	0.67	0.60
España	0.58	0.54	0.46	0.43	0.49	0.52	0.55	0.45	0.44
Francia	1.05	1.10	1.12	1.06	1.08	1.09	0.96	0.91	0.88
Italia	0.62	0.60	0.58	0.59	0.68	0.63	0.56	0.51	0.53
Japón	2.74	2.84	2.67	2.38	1.99	2.16	2.26	2.14	1.96
México	1.00	0.92	0.89	0.86	0.86	1.00	0.94	0.92	0.99
Reino Unido	0.88	1.02	0.92	0.88	1.09	1.30	0.83	0.64	0.99
Suecia	2.06	1.95	2.22	1.96	1.47	1.74	1.59	1.59	1.66

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.35 COMERCIO EXTERIOR DE BAT. TASA DE COBERTURA DE LA INDUSTRIA FARMACÉUTICA

Razón de exportaciones/ importaciones

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	1.62	1.64	1.70	1.46	1.66	1.00	1.14	1.29	1.24
Canadá	0.38	0.36	0.32	0.31	0.31	0.30	0.36	0.41	0.43
Corea	0.68	0.82	0.57	0.58	0.48	0.42	0.42	0.39	0.37
E. U. A.	0.86	0.79	0.76	0.80	0.79	0.61	0.57	0.63	0.66
España	0.54	0.53	0.55	0.56	0.54	0.59	0.54	0.54	0.68
Francia	1.28	1.19	1.25	1.19	1.27	1.40	1.32	1.27	1.22
Italia	0.91	0.90	0.91	1.07	1.04	1.06	0.96	0.87	0.93
Japón	0.54	0.60	0.57	0.61	0.59	0.58	0.56	0.55	0.48
México	0.64	0.57	0.54	0.54	0.57	0.53	0.48	0.50	0.46
Reino Unido	1.45	1.43	1.29	1.28	1.21	1.12	1.24	1.27	1.30
Suecia	2.40	2.63	2.72	2.85	2.80	2.44	2.87	2.65	2.59

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.36 COMERCIO EXTERIOR DE BAT. TASA DE COBERTURA DE LA INDUSTRIA AEROESPACIAL

Razón de exportaciones/ importaciones

País	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	1.00	0.94	1.01	0.96	1.18	1.27	1.19	1.07	1.00
Canadá	1.02	1.23	1.20	1.38	1.54	1.51	1.86	1.66	1.36
Corea	0.43	0.98	0.51	0.67	0.64	0.34	0.58	0.38	0.34
E. U. A.	2.82	2.82	2.53	1.96	1.82	2.08	2.09	2.26	2.48
España	0.76	0.69	0.48	0.48	0.68	0.92	1.01	0.93	0.84
Francia	1.79	1.72	1.75	1.76	1.95	1.91	1.88	1.89	1.85
Italia	1.14	1.01	0.94	1.04	0.82	0.98	0.96	1.17	1.14
Japón	0.39	0.38	0.34	0.47	0.66	0.34	0.34	0.31	0.34
México	1.21	1.29	1.56	1.21	1.81	2.03	1.51	1.28	2.09
Reino Unido	1.64	1.75	1.75	1.83	2.13	1.72	2.02	1.78	1.93
Suecia	1.37	1.62	0.96	0.76	1.04	1.36	1.05	1.05	1.17

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.37 COMERCIO INTERNACIONAL: INDUSTRIA ELECTRÓNICA

Millones de dólares

País	Saldo de la Balanza Comercial									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	121.6	-1,984.2	-1,042.6	-1,736.5	-2,520.2	-166.9	-834.8	-1,903.9	-3,564.6	-9,180.8
Canadá	-4,733.9	-5,350.8	-5,812.5	-4,370.4	-5,054.0	-4,715.2	-4,937.1	-6,150.0	-5,809.3	-6,492.7
Corea	10,522.5	11,937.6	11,833.0	12,673.4	9,926.3	13,528.9	19,014.2	31,273.7	34,222.1	33,023.3
E. U. A.	-8,489.6	-12,040.3	-13,749.8	-25,584.5	-18,108.2	-25,070.5	-26,107.6	-39,357.0	-53,476.3	-56,621.2
España	-2,159.3	-2,849.7	-4,268.9	-4,810.0	-3,848.5	-3,532.4	-4,074.8	-6,509.6	-7,277.1	-9,748.5
Francia	726.4	1,534.8	1,982.0	1,333.2	1,341.1	1,302.5	-667.7	-1,793.4	-2,737.1	-4,280.8
Italia	-3,679.4	-4,133.1	-4,575.7	-5,150.2	-3,605.7	-3,970.2	-5,515.7	-8,406.6	-7,790.8	-8,234.2
Japón	39,709.1	36,846.1	40,341.5	47,568.8	29,786.8	32,925.0	40,058.4	44,484.5	39,370.4	38,900.1
México	-9.2	-1,276.8	-2,205.3	-3,927.4	-3,699.5	56.2	-1,343.0	-1,940.8	-382.0	1,472.0
Reino Unido	-2,464.0	343.7	-2,036.4	-4,187.9	2,550.1	6,820.0	-4,387.3	-11,876.2	-319.7	15,642.4
Suecia	5,587.4	5,632.5	7,354.2	7,303.1	2,434.1	3,520.5	3,347.3	4,503.0	5,165.8	4,415.2

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.38 COMERCIO INTERNACIONAL: INDUSTRIA ELECTRÓNICA

Porcentajes

País	Participación en las exportaciones de total de OCDE									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	7.46	7.45	7.35	7.36	8.68	9.01	9.27	9.93	9.41	9.01
Canadá	2.90	2.70	2.75	3.56	2.45	2.00	1.81	1.83	2.11	2.00
Corea	9.68	9.01	9.66	9.32	8.91	10.66	12.43	13.83	13.77	12.35
E. U. A.	24.24	23.11	23.65	23.60	22.78	20.78	19.72	17.79	16.79	16.55
España	1.01	1.12	1.04	0.83	1.03	1.07	1.30	1.18	1.16	1.09
Francia	4.96	5.83	5.43	5.11	5.26	4.73	4.32	4.22	4.17	4.30
Italia	2.03	2.07	1.83	1.73	2.18	1.91	1.89	1.92	1.83	1.69
Japón	21.42	18.86	18.77	18.91	16.82	17.50	18.97	18.40	16.54	15.14
México	4.65	5.09	5.23	5.50	6.17	5.94	5.12	5.24	5.71	6.52
Reino Unido	6.10	7.54	6.72	6.84	8.27	8.53	5.63	4.66	7.18	11.39
Suecia	3.72	3.84	3.89	3.44	2.13	2.36	2.38	2.67	2.67	2.39

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.39 COMERCIO INTERNACIONAL: COMPUTADORAS Y MÁQUINAS DE OFICINA

Millones de dólares

País	Saldo de la Balanza Comercial									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	-9,098.1	-11,909.9	-13,906.9	-12,351.7	-12,413.2	-11,272.7	-11,021.6	-7,728.2	-8,599.2	-10,943.0
Canadá	-5,193.1	-4,959.9	-5,784.6	-6,517.0	-6,195.7	-6,244.0	-6,499.3	-7,329.2	-8,379.0	-8,895.0
Corea	2,684.9	3,447.3	6,241.1	11,921.9	7,857.1	10,958.1	12,636.4	15,657.8	10,710.0	9,855.9
E. U. A.	-24,529.0	-30,318.7	-37,440.6	-36,626.6	-27,967.4	-38,810.2	-41,381.0	-51,694.5	-53,651.6	-59,376.2
España	-2,550.6	-2,739.5	-2,829.1	-2,882.6	-2,997.7	-3,076.8	-4,048.9	-5,163.6	-6,413.6	-6,971.6
Francia	-3,401.9	-4,754.4	-5,100.2	-5,773.3	-6,198.0	-6,049.2	-7,880.6	-10,037.7	-10,680.4	-10,584.5
Italia	-3,246.9	-3,976.1	-4,990.2	-5,192.2	-4,819.2	-4,950.1	-5,768.1	-7,015.4	-7,240.2	-7,653.6
Japón	18,552.7	16,639.6	12,787.0	7,658.7	5,052.8	3,613.9	-47.1	-1,268.8	-3,264.0	-2,249.9
México	3,173.1	4,380.7	5,437.1	6,114.1	5,160.0	3,275.7	3,141.7	1,992.9	385.1	702.1
Reino Unido	-1,178.6	-4,798.4	-5,435.4	-7,781.6	-4,657.1	-5,364.6	-8,190.2	-11,318.6	-9,688.8	8,334.2
Suecia	-2,346.7	-3,035.0	-2,598.0	-2,541.7	-2,047.1	-1,942.7	-2,279.9	-2,527.2	-2,940.6	-3,210.5

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.40 COMERCIO INTERNACIONAL: COMPUTADORAS Y MÁQUINAS DE OFICINA

Porcentajes

País	Participación en las exportaciones de total de OCDE									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	6.29	7.19	6.84	7.16	7.25	8.37	9.28	11.41	11.34	12.24
Canadá	2.58	2.57	2.27	2.3	2.03	1.59	1.51	1.51	1.54	1.52
Corea	3.22	2.73	5	8.18	6.19	8.34	8.6	9.15	7.39	6.95
E. U. A.	25.99	24.05	23.01	24	22.65	20.15	19.53	18.67	19.52	19.10
España	0.74	0.86	0.85	0.75	0.73	0.61	0.72	0.69	0.63	0.52
Francia	5.17	5.45	4.86	4.11	3.96	3.63	3.32	3.3	2.98	3.16
Italia	1.93	1.85	1.64	1.36	1.36	1.27	1.28	1.07	1.05	0.82
Japón	19.09	16.88	15.7	14.67	13.06	13.03	11.49	10.97	10.17	9.38
México	3.04	3.8	4.62	4.9	6.06	6.18	6.34	5.9	4.84	4.77
Reino Unido	10.72	10.53	10.3	9.15	8.89	8.62	7.59	6.89	7.47	8.13
Suecia	0.49	0.44	0.37	0.31	0.42	0.52	0.59	0.68	0.69	0.80

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.41 COMERCIO INTERNACIONAL: INDUSTRIA FARMACÉUTICA

Millones de dólares

País	Saldo de la Balanza Comercial									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	5056.1	6145.5	6830	4844.4	7799.6	-9.9	3106.2	7846.1	7580.4	9,745.0
Canadá	-1650.2	-1942.5	-2485.4	-2868.4	-3260.6	-3686.1	-4167.5	-4340.6	-4766.9	-5,118.0
Corea	-309.5	-134.6	-423.7	-463.1	-676.8	-867.3	-961.9	-1245.6	-1488.7	2,055.2
E. U. A.	-1705.7	-3070.6	-4024	-3844.6	-4690.2	-11133.6	-15361.6	-14348.1	-14879.6	-18,260.3
España	-1468.3	-1756.5	-1789	-1786.4	-2304.4	-2656.3	-3899.7	-4382.3	-3309.5	-3,070.1
Francia	1904.2	1588.3	2335.1	1883.4	3020	4570.2	4655.1	4646.4	4282.5	5,171.7
Italia	-479.2	-642.7	-648.4	476	300.4	499.9	-498.5	-1705.1	-1099.8	-1,899.6
Japón	-2484.8	-1887.9	-2504.8	-2369.5	-2506.6	-2730.1	-3239.6	-3803.5	-4987	-5,244.4
México	-407.4	-580.3	-702	-806.5	-880	-1016.8	-1332	-1455	-1739.2	-2,482.3
Reino Unido	2986.5	3148.6	2453.7	2534.5	2429.1	1695.6	3813.2	4869	5405.1	7,219.5
Suecia	1810.3	2238.8	2565	2573	2703.6	2713.2	4214.2	4193.9	4437.1	5,505.8

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.42 COMERCIO INTERNACIONAL: INDUSTRIA FARMACÉUTICA

Porcentajes

País	Participación en las exportaciones de total de OCDE									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	15.17	15.49	15.15	13.44	14.38	11.18	12.18	14.41	14.51	15.36
Canadá	1.18	1.09	1.07	1.12	1.10	0.95	1.18	1.25	1.30	1.55
Corea	0.76	0.61	0.51	0.56	0.45	0.37	0.35	0.33	0.33	0.32
E. U. A.	11.63	11.14	11.87	13.13	12.97	10.44	10.20	9.97	10.34	10.38
España	1.97	1.97	2.00	2.01	1.96	2.30	2.27	2.12	2.58	2.59
Francia	9.94	9.93	10.56	10.44	10.43	9.53	9.44	8.86	8.67	8.41
Italia	5.81	5.43	5.73	6.21	5.89	5.66	5.41	4.79	5.07	4.86
Japón	3.33	2.77	3.03	3.23	2.69	2.26	2.06	1.89	1.66	1.49
México	0.82	0.76	0.77	0.82	0.84	0.69	0.61	0.59	0.53	0.46
Reino Unido	11.02	10.22	9.99	10.30	10.12	9.26	9.87	9.43	8.61	8.76
Suecia	3.56	3.56	3.71	3.49	3.09	2.72	3.19	2.75	2.64	2.86

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.43 COMERCIO INTERNACIONAL: INDUSTRIA DE INSTRUMENTOS DE PRECISIÓN

Millones de dólares

País	Saldo de la Balanza Comercial									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	6,615.8	6,977.5	7,360.9	6,862.3	7,843.7	10,273.9	12,674.1	16,837.9	19,661.2	21,319.5
Canadá	-3,643.4	-3,981.3	-4,561.8	-4,271.9	-4,640.8	-4,524.3	-4,870.0	-5,335.8	-5,237.0	-5,301.7
Corea	-3,888.5	-871.8	-1,131.2	-4,928.9	-3,890.5	-4,601.8	-5,226.6	-5,372.4	-1,284.1	4,356.2
E. U. A.	9,021.1	7,037.5	6,116.2	6,131.8	7,083.7	3,859.9	1,754.2	2,461.8	3,477.6	5,581.3
España	-2,259.0	-2,725.8	-2,984.3	-2,579.2	-2,587.7	-2,874.5	-3,420.0	-4,067.3	-4,609.7	-5,566.6
Francia	-215.8	-578.9	-1,094.2	-1,393.3	-1,116.2	-845.1	-613.5	-756.9	-910.0	-951.9
Italia	-1,025.1	-1,452.7	-1,970.2	-1,900.5	-1,590.1	-1,493.4	-1,453.2	-1,609.6	-1,519.7	-1,150.5
Japón	9,250.8	7,686.3	9,288.8	13,743.2	8,885.6	8,251.5	11,224.6	17,173.5	14,940.7	11,548.5
México	-343.9	-166.2	-269.5	-127.6	444.0	360.4	437.0	336.5	806.2	-1,005.9
Reino Unido	1,045.5	615.4	445.8	-505.9	-482.1	-421.5	-529.5	-1,124.8	-801.9	-919.7
Suecia	256.9	242.8	208.8	209.0	267.9	472.8	704.0	530.9	392.8	402.2

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.44 COMERCIO INTERNACIONAL: INDUSTRIA DE INSTRUMENTOS DE PRECISIÓN

Porcentajes

País	Participación en las exportaciones de total de OCDE									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	13.84	14.73	14.12	12.88	13.95	15.05	14.99	15.19	15.26	16.01
Canadá	1.72	1.83	1.94	2.49	1.98	1.73	1.59	1.57	1.65	1.68
Corea	1.64	1.97	2.54	1.2	1.15	1.1	1.54	2.32	4.41	6.16
E. U. A.	25.75	25.86	25.8	27.38	27.31	25.23	22.84	21.73	21.13	21.02
España	0.92	0.9	0.87	0.81	0.89	0.98	1.03	0.91	0.82	0.81
Francia	5.62	5.66	5.15	4.6	5.22	5.33	5.58	5.54	5.35	5.37
Italia	3.67	3.59	3.34	3.15	3.38	3.43	3.53	3.4	3.36	3.38
Japón	15.99	13.95	14.92	17.29	14.29	13.48	13.9	15.13	13.68	12.18
México	1.84	2.24	2.42	2.67	3.02	3.21	2.92	2.67	2.99	3.04
Reino Unido	7.58	7.55	6.85	6.27	6.63	6.46	6.06	5.74	5.6	5.49
Suecia	1.77	1.79	1.62	1.51	1.56	1.67	1.69	1.52	1.39	1.40

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.45 COMERCIO INTERNACIONAL: INDUSTRIA AEROSPACIAL

Millones de dólares

País	Saldo de la Balanza Comercial									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	-47.2	-1,043.8	110.1	-915.7	3,367.9	4,621.7	3,588.3	1,731.1	20.0	-568.3
Canadá	110.9	1,214.8	1,196.1	2,378.2	3,780.7	3,242.7	4,478.5	3,797.9	2,798.7	3,968.9
Corea	-1,160.4	-22.4	-506.8	-377.9	-346.9	-857.0	-403.7	-805.0	-1,188.2	-2,078.6
E. U. A.	31,502.5	40,556.0	36,919.5	25,900.2	25,896.9	28,795.2	26,601.0	30,912.8	38,635.5	54,004.0
España	-364.4	-474.8	-1,561.0	-1,678.8	-677.7	-169.8	30.2	-221.0	-662.3	-1,068.6
Francia	7,241.9	7,999.5	8,538.	8,644.2	10,807.3	9,818.9	10,406.8	12,184.7	13,261.0	16,729.7
Italia	266.6	20.9	-217.4	153.6	-745.2	-88.3	-126.5	596.5	497.8	1,063.7
Japón	-3,077.7	-4,130.8	-4,690.8	-2,468.8	-1,375.3	-4,051.2	-4,501.0	-4,768.1	-5,117.0	-5,115.0
México	66.4	269.1	239.9	99.3	320.5	403.9	208.7	99.7	323.3	536.8
Reino Unido	2,633.0	3,404.8	3,703.7	3,606.3	5,281.4	3,611.8	5,046.7	4,303.1	5,460.2	7,322.1
Suecia	448.2	686.7	-56.0	-413.6	47.7	407.2	63.7	56.8	157.8	319.1

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

A.2.46 COMERCIO INTERNACIONAL: INDUSTRIA AEROSPACIAL

Porcentajes

País	Participación en las exportaciones de total de OCDE									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Alemania	12.07	12.19	13.43	15.31	15.99	15.99	16.68	16.68	15.43	16.12
Canadá	4.97	5.03	5.45	6.84	7.68	7.04	7.17	6.37	6.56	5.87
Corea	0.83	0.88	0.4	0.61	0.44	0.33	0.41	0.33	0.38	0.44
E. U. A.	46.94	48.39	46.24	41.52	40.91	40.8	37.7	37.07	40.11	41.54
España	1.12	0.82	1.09	1.2	1.03	1.46	1.65	2.07	2.11	1.67
Francia	15.82	14.77	15.12	15.72	15.8	15.19	16.43	17.35	17.83	17.26
Italia	2.11	2.55	2.52	3.23	2.46	3.31	2.5	2.74	2.59	1.95
Japón	1.88	1.97	1.87	1.74	1.89	1.51	1.72	1.42	1.62	1.77
México	0.36	0.92	0.51	0.44	0.51	0.58	0.46	0.3	0.39	0.48
Reino Unido	6.49	6.13	6.54	6.26	7.08	6.33	7.4	6.57	7.03	6.58
Suecia	1.59	1.38	0.92	1.02	0.96	1.13	0.92	0.85	0.69	0.59

Fuentes: OECD. Main Science and Technology Indicators, 2008-1 y 2007-2.

