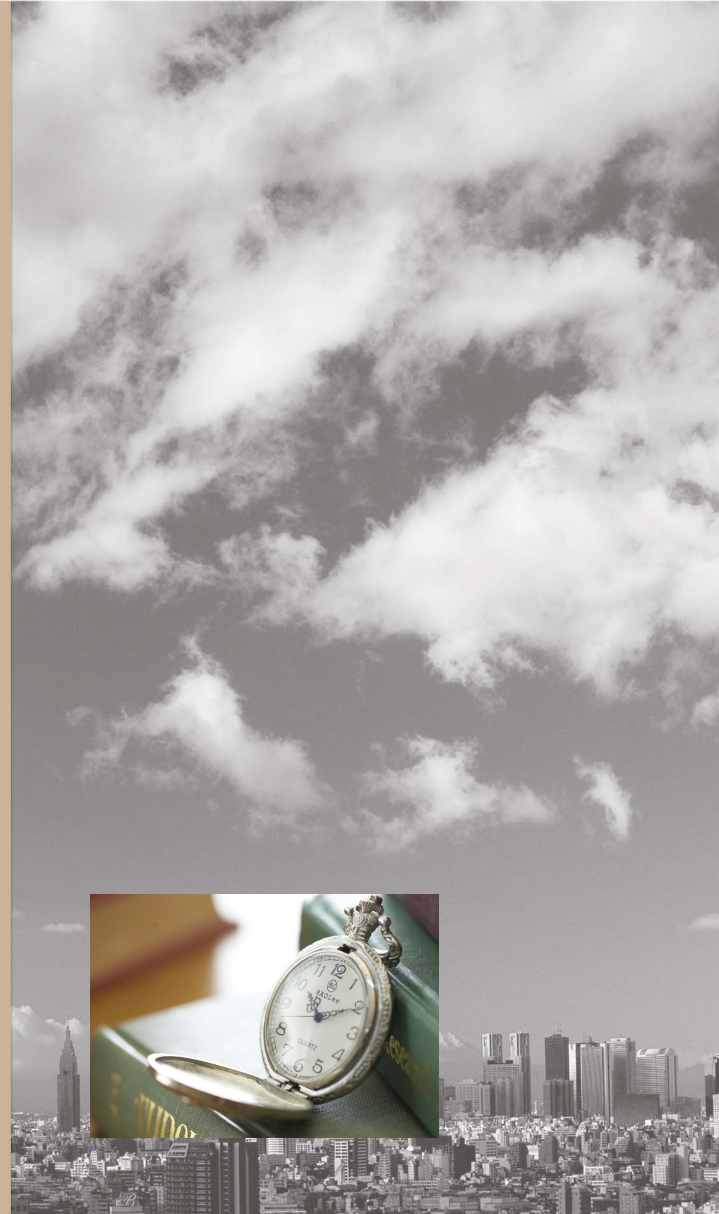


Appendix

- Applications
 - Examinations
 - Registrations
 - Trials and appeals
 - Revenue and expenditure
- Flow chart for examinations
- Organizational chart of KIPO



Applications



Applications by IPR type

IPR type	2002	2003	2004	2005	2006	2007	Percentage change for 2007
Patents	106,136	118,652	140,115	160,921	166,189	170,711	2.7
Utility models	39,193	40,825	37,753	37,175	32,908	20,998	-36.2
Subtotal	145,329	159,477	177,868	198,096	199,097	191,709	-3.7
Industrial designs	37,587 (39,952)	37,607 (39,346)	41,184 (42,879)	45,222 (46,615)	51,039 (52,879)	54,138(55,460)	6.1 (4.9)
Trademarks	107,876 (144,678)	108,917 (148,691)	108,464 (147,319)	115,889 (156,270)	122,384 (164,432)	131,649(179,387)	7.6 (9.1)
Total	290,792 (329,959)	306,001 (347,514)	327,516 (368,066)	359,207 (400,981)	372,520 (416,408)	377,496(426,556)	1.3(2.4)

Note: Figures in parentheses include multiple applications.

PCT applications

Year	2002	2003	2004	2005	2006	2007
Number of applications	2,511	2,942	3,565	4,690	5,945	7,066
Growth rate (%)	8.5	17.2	21.2	31.6	26.2	18.9

Note: Based on KIPO statistics.

International trademark applications under the Madrid Protocol

Period	Office of origin	Designated office
2003	108	1,548
2004	141	4,874
2005	154	6,699
2006	208	8,483
2007	283	9,072

Note: KIPO started receiving international trademark applications under the Madrid Protocol on April 10, 2003.

Applications



Comparison of domestic and foreign applications

		Domestic		Foreign		Total
		Cases	%	Cases	%	
Patents	2002	76,570	72.1	29,566	27.9	106,136
	2003	90,313	76.1	28,339	23.9	118,652
	2004	105,250	75.1	34,865	24.9	140,115
	2005	122,188	75.9	38,733	24.1	160,921
	2006	125,476	75.5	40,713	24.5	166,189
	2007	128,701	74.6	43,768	25.4	172,469
Utility models	2002	38,662	98.6	531	1.4	39,193
	2003	40,174	98.4	651	1.6	40,825
	2004	37,167	98.4	586	1.6	37,753
	2005	36,534	98.3	641	1.7	37,175
	2006	32,193	97.8	715	2.2	32,908
	2007	20,632	97.9	452	2.1	21,084
Industrial designs	2002	35,399 (37,729)	94.2 (94.4)	2,188 (2,223)	5.8 (15.6)	37,587 (39,952)
	2003	34,994 (36,689)	93.1 (93.2)	2,613 (2,657)	6.9 (6.8)	37,607 (39,346)
	2004	38,041 (39,656)	92.4 (92.5)	3,143 (3,223)	7.6 (7.5)	41,184 (42,879)
	2005	41,918 (43,247)	92.7 (92.8)	3,304 (3,368)	7.3 (7.2)	45,222 (46,615)
	2006	48,018 (49,766)	94.1 (94.1)	3,021 (3,113)	5.9 (5.9)	51,039 (52,879)
	2007	50,868(52,055)	93.6(93.5)	3,494(3,607)	6.4(6.5)	54,362(55,662)
Trademarks	2002	90,014 (116,760)	83.4 (80.7)	17,862 (27,918)	16.6 (19.3)	107,876 (144,678)
	2003	92,368 (122,080)	84.8 (82.1)	16,549 (26,611)	15.2 (17.9)	108,917 (148,691)
	2004	91,935 (119,836)	84.8 (81.3)	16,529 (27,483)	15.2 (16.7)	108,464 (147,319)
	2005	99,435 (129,635)	85.8 (83.0)	16,454 (26,635)	14.2 (17.0)	115,889 (156,270)
	2006	105,544 (136,590)	86.2 (83.1)	16,840 (27,842)	13.8 (16.9)	122,384 (164,432)
	2007	112,157(147,489)	84.8(81.8)	20,131(32,768)	15.2(18.2)	132,288(180,257)
Total	2002	240,645 (269,721)	82.7 (81.7)	50,147 (60,238)	17.3 (18.3)	290,792 (329,959)
	2003	257,849 (289,256)	84.3 (83.2)	48,152 (58,258)	15.7 (16.8)	306,001 (347,514)
	2004	272,393 (301,909)	83.2 (82.0)	55,123 (66,157)	16.8 (18.0)	327,516 (368,066)
	2005	300,075 (331,604)	83.5 (82.7)	59,132 (69,377)	16.5 (17.3)	359,207 (400,981)
	2006	311,231 (344,025)	83.5 (82.6)	61,289 (72,383)	16.5 (17.4)	372,520 (416,408)
	2007	312,358(348,877)	82.2(84.6)	67,845(80,595)	17.8(15.4)	380,203(429,472)

Note: Figures in parentheses include multiple applications.

Applications



Patent applications by technological field

Classification	Domestic	Percentage change for 2007	Foreign	Percentage change for 2007	Total	Percentage change for 2007
Agriculture	1,596 (1.2%)	20.5	126 (0.3%)	-10.6	1,722 (1.0%)	17.5
Foodstuffs and tobacco	2,854 (2.2%)	17.4	293 (0.7%)	10.2	3,147 (1.8%)	16.7
Personal and domestic articles	4,604 (3.6%)	21.0	460 (1.1%)	7.2	5,064 (2.9%)	19.6
Health and amusement	3,590 (2.8%)	11.6	1,709 (3.9%)	4.5	5,299 (3.1%)	9.2
Preparations for medical, dental, or toilet purposes	2,103 (1.6%)	22.2	2,012 (4.6%)	10.0	4,115 (2.4%)	15.9
Separating and mixing	2,894 (2.2%)	13.8	1,037 (2.4%)	15.1	3,931 (2.3%)	14.1
Shaping	2,461 (1.9%)	22.9	754 (1.7%)	2.0	3,215 (1.9%)	17.3
Grinding and polishing	2,732 (2.1%)	5.2	1,068 (2.4%)	4.1	3,800 (2.2%)	4.9
Printing	1,058 (0.8%)	21.7	479 (1.1%)	18.9	1,537 (0.9%)	20.8
Transporting	9,299 (7.2%)	11.6	1,809 (4.1%)	6.3	11,108 (6.4%)	10.7
Microstructural technology and nanotechnology	415 (0.3%)	49.3	98 (0.2%)	40.0	513 (0.3%)	47.4
Chemistry in general	2,212 (1.7%)	12.1	723 (1.7%)	6.6	2,935 (1.7%)	10.7
Organic chemistry	1,055 (0.8%)	3.3	3,151 (7.2%)	15.5	4,206 (2.4%)	12.2
Organic macromolecular compounds	1,508 (1.2%)	3.8	1,895 (4.3%)	9.6	3,403 (2.0%)	6.9
Dyes, petroleum, and animal and vegetable oils	1,593 (1.2%)	11.0	1,274 (2.9%)	11.2	2,867 (1.7%)	11.1
Biochemistry	1,394 (1.1%)	15.9	612 (1.4%)	13.5	2,006 (1.2%)	15.2
Metallurgy	1,393 (1.1%)	17.0	1,020 (2.3%)	26.7	2,413 (1.4%)	20.9
Textiles and flexible materials	1,723 (1.3%)	8.5	477 (1.1%)	3.0	2,200 (1.3%)	7.3
Paper	265 (0.2%)	52.3	124 (0.3%)	12.7	389 (0.2%)	37.0
Building	7,205 (5.6%)	9.3	452 (1.0%)	20.9	7,657 (4.4%)	10.0
Earth or rock drilling, and mining	241 (0.2%)	20.5	27 (0.1%)	3.8	268 (0.2%)	18.6
Engines and pumps	2,670 (2.1%)	12.8	1,075 (2.5%)	15.0	3,745 (2.2%)	13.4
Engineering in general	2,494 (1.9%)	8.9	992 (2.3%)	21.6	3,486 (2.0%)	12.2
Lighting and heating	4,993 (3.9%)	5.2	616 (1.4%)	20.8	5,609 (3.3%)	6.7
Weapons and blasting	134 (0.1%)	22.9	41 (0.1%)	-12.8	175 (0.1%)	12.2
Instruments	9,135 (7.1%)	-14.1	3,600 (8.2%)	-2.4	12,735 (7.4%)	-11.1
Horology and computing	12,220 (9.5%)	10.4	2,943 (6.7%)	-2.5	15,163 (8.8%)	7.7
Education and information storage	5,040 (3.9%)	-19.0	1,848 (4.2%)	-12.7	6,888 (4.0%)	-17.4
Nucleonics	217 (0.2%)	33.1	44 (0.1%)	-20.0	261 (0.2%)	19.7
Electric elements and electric techniques	19,980 (15.5%)	-9.4	7,430 (17.0%)	1.5	27,410 (15.9%)	-6.7
Electric circuitry and electric communication techniques	16,725 (13.0%)	-5.8	5,025 (11.5%)	6.3	21,750 (12.6%)	-3.2
Others	2,898 (2.3%)	35.4	554 (1.3%)	43.9	3,452 (2.0%)	36.7
Total	128,701 (100.0%)	2.5	43,768 (100.0%)	5.8	172,469 (100.0%)	3.4

Note: "Others" refers to non-classified applications.

Applications



Patent applications in biotechnology

	2002		2003		2004		2005		2006		2007	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	2,025	66.9%	2,045	66.1%	2,026	62.5%	2,049	67.9%	2,606	71.1%	3,137	68.6%
Foreign	1,000	33.1%	1,047	33.9%	1,215	37.5%	970	32.1%	1,058	28.9%	1,437	31.4%
Total	3,025		3,092		3,241		3,019		3,664		4,574	

Note: 1. Based on the following biotechnological categories of the Eighth Edition of the International Patent Classification: A01H; A01K 67/00-67/04; A01N 63/00-65/00; A61K 8/97-8/99; A61K 8/64-8/68; A61K 35/12-35/76; 36/00-36/9068; A61K 38/00-38/58, 39/00-39/44, 48/00, 51/00-51/10; C02F 3/00-3/34, 11/02-11/04; C07H 19/00-21/04; C07K; C12C-M; C12N; C12P; C12Q; C12S; G01N 33/50-33/98.

2. The figures for 2007 are preliminary.

Patent applications in business methods

	2002		2003		2004		2005		2006		2007	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	3,616	85.3%	4,564	89.2%	4,542	87.3%	4,205	86.4%	5,106	88.9%	6,037	91.9%
Foreign	623	14.7%	553	10.8%	659	12.7%	663	13.6%	636	11.1%	539	8.1%
Total	4,239		5,117		5,201		4,868		5,742		6,568	

Note: 1. Based on the Eighth Edition of the International Patent Classification.

2. The figures for 2007 are preliminary estimates.

Applications



KOREAN INTELLECTUAL PROPERTY OFFICE
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Applications by residents of foreign countries in 2007

Residence	Patents	Utility models	Industrial designs	Trademarks	Total
Antilles	0	1	0	5	6
Andorra	0	0	0	1	1
Argentina	2	0	0	16	18
Aruba	0	0	0	2	2
Australia	248	0	18	191	457
Austria	153	0	1	41	195
Bahamas	7	0	0	17	24
Barbados	9	0	1	19	29
Belarus	2	0	0	0	2
Belgium	286	0	13	59	358
Belize	1	0	0	2	3
Bermuda	1	0	0	36	37
Brazil	26	0	1	22	49
Bulgaria	2	0	0	3	5
Canada	388	0	14	219	621
Cayman Islands	12	1	0	65	78
Chile	0	0	0	57	57
China	296	27	40	416	779
Colombia	0	0	0	4	4
Croatia	5	0	0	0	5
Cuba	9	0	0	7	16
Cyprus	5	0	0	3	8
Czech Republic	9	1	4	6	20
Denmark	228	0	15	80	323
Egypt	4	0	0	4	8
Fiji	0	0	0	2	2
Finland	536	2	76	37	651
France	1,371	1	136	842	2,350
Germany	3,577	11	245	1,287	5,120
Greece	4	0	1	13	18
Hong Kong, China	19	1	19	109	148
Hungary	14	0	0	5	19
Iceland	1	0	0	0	1
India	110	0	20	23	153
Indonesia	0	0	1	26	27
Iran	0	0	0	3	3
Ireland	72	0	2	70	144
Israel	301	0	9	66	376
Italy	360	0	79	628	1,067
Japan	18,100	31	1,652	4,668	24,451
Jordan	2	0	0	0	2
Kazakhstan	2	0	0	1	3
Kuwait	0	0	0	5	5
Lebanon	0	0	0	1	1
Liechtenstein	21	0	18	14	53

Applications



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Residence	Patents	Utility models	Industrial designs	Trademarks	Total
Luxembourg	60	0	0	116	176
Macao, China	0	0	0	1	1
Malaysia	5	1	3	44	53
Malta	4	0	1	9	14
Mauritius	2	0	0	9	11
Mexico	14	0	0	60	74
Monaco	1	0	0	12	13
Netherlands	1,549	0	95	435	2,079
New Zealand	45	1	3	95	144
Niue	0	0	0	2	2
Norway	74	0	16	15	105
Oman	0	0	0	2	2
Pakistan	0	0	0	7	7
Panama	3	0	0	6	9
Peru	0	0	0	3	3
Philippines	1	0	0	22	23
Poland	10	0	3	7	20
Portugal	9	0	6	20	35
Puerto Rico	5	0	0	5	10
Russian Federation	24	4	0	3	31
San Marino	0	0	0	2	2
Saudi Arabia	15	0	0	37	52
Seychelles	4	0	0	3	7
Singapore	182	1	16	175	374
Slovakia	1	0	1	1	3
Slovenia	6	0	2	0	8
South Africa	22	0	3	22	47
Spain	110	0	10	110	230
Sri Lanka	0	0	0	1	1
Sweden	721	1	38	127	887
Switzerland	1,226	0	105	775	2,106
Thailand	3	0	5	50	58
Taiwan	581	328	54	426	1,389
Turkey	15	0	1	10	26
Ukraine	2	0	0	0	2
United Arab Emirates	2	0	3	38	43
United Kingdom	733	1	64	827	1,625
USA	12,103	37	691	7,459	20,290
Uruguay	0	0	0	2	2
Venezuela	0	0	0	3	3
Vietnam	0	0	0	2	2
Virgin Islands	36	2	4	95	137
Western Samoa	4	0	0	0	4
Yemen	0	0	0	1	1
others	13	0	5	17	35
Total	43,768	452	3,494	20,131	67,845

Examinations



Patents and utility models

		First action				Total	Final decisions			
		Approval of registration	Notice of preliminary rejection or amendment	Other notices	Withdrawal or abandonment		Approval of registration	Rejection or cancellation	Withdrawal or abandonment or annulment or rejection	Total
Patents	2002	19,520	56,881	429	2,584	79,414	49,478	24,545	3,612	77,635
	2003	19,505	71,100	426	2,402	93,433	48,047	28,077	3,856	79,980
	2004	19,952	75,085	408	2,959	98,404	54,551	31,424	4,422	90,397
	2005	21,860	106,096	410	2,749	131,115	78,397	36,946	2,749	118,092
	2006	39,440	151,365	912	3,678	195,395	127,298	43,655	3,678	174,631
	2007	26,801	96,997	693	4,656	129,147	112,344	35,417	4,656	152,417
Utility models	2002	38,170	10,449	8	680	49,307	44,976	2,421	4,574	51,971
	2003	37,797	10,241	10	530	48,578	43,308	1,054	4,285	48,647
	2004	34,263	18,345	119	662	53,389	43,848	5,336	4,146	53,330
	2005	31,249	17,900	63	105	49,317	41,512	4,559	3,833	49,904
	2006	28,187	16,999	82	2	45,270	37,643	3,289	4,015	44,947
	2007	4,203	10,159	44	1	14,407	9,090	3,657	646	13,393

Note: The figures for 2007 are preliminary estimates.

Industrial designs and trademarks

		First action			Total	Final decisions		
		Publication or approval of registration	Notice of preliminary rejection	Other notices		Approval of registration	Rejection	Total
Industrial designs	2002	24,131(25,390)	14,471(15,199)	29(29)	38,631(40,618)	32,154(33,721)	5,555(5,756)	37,709(39,477)
	2003	25,746(27,443)	14,292(14,919)	56(57)	40,094(42,419)	35,170(37,446)	4,960(5,234)	40,130(42,680)
	2004	26,423(27,502)	14,081(14,541)	37(37)	40,541(42,080)	36,308(37,765)	4,715(4,850)	41,023(42,615)
	2005	26,760(27,505)	14,030(14,452)	30(30)	40,820(41,987)	37,226(38,369)	4,707(4,828)	41,933(43,197)
	2006	30,204(31,335)	16,053(16,910)	124(124)	46,381(48,369)	40,562(42,183)	4,814(5,028)	45,376(47,211)
	2007	32,604(33,758)	23,850(24,694)	130(135)	56,584(58,587)	44,948(46,539)	8,171(8,460)	53,119(54,999)
Trademarks	2002	50,100(67,635)	49,548(67,969)	372(437)	100,020(136,041)	69,007(99,415)	30,057(37,320)	99,064(136,735)
	2003	62,262(79,633)	56,207(77,762)	327(405)	118,796(157,800)	79,965(110,815)	32,954(40,415)	112,919(151,230)
	2004	58,067(75,389)	57,257(79,441)	886(1,317)	116,210(156,147)	81,793(113,691)	33,178(40,492)	114,971(154,183)
	2005	61,382(80,128)	62,101(88,864)	1,409(2,008)	124,892(171,000)	86,036(121,552)	39,467(45,002)	125,503(166,554)
	2006	68,253(88,931)	58,809(81,126)	1,395(1,988)	128,457(172,045)	92,916(130,175)	32,969(40,351)	125,885(170,526)
	2007	60,950(82,020)	65,515(88,164)	1,244(1,674)	127,709(171,858)	88,079(118,528)	27,368(36,829)	115,447(155,357)

Note: Figures in parentheses include multiple applications.

Examinations



Pendency period for patents and trademarks

Average first action pendency period for patents

(unit: month)

Year	2002	2003	2004	2005	2006	2007
Patents	22.6	22.1	21.0	17.6	9.8	9.8

Average total pendency period for patents

(unit: month)

Year	2002	2003	2004	2005	2006	2007
Patents	28.5	30.0	29.9	26.6	19.7	15.0

Average first action pendency period for trademarks

(unit: month)

Year	2002	2003	2004	2005	2006	2007
Patents	11.9	10.7	9.6	7.3	5.9	5.7

Average total pendency period for trademarks

(unit: month)

Year	2002	2003	2004	2005	2006	2007
Patents	15.3	14.6	12.3	10.6	8.9	8.7

International search reports and international preliminary examination reports

Year	ISRs	IPERs
2002	2,148	1,135
2003	2,315	1,310
2004	2,913	1,035
2005	3,649	842
2006	4,753	639
2007	8,280	586

Registrations



Registrations by IPR type

IPR type	2002	2003	2004	2005	2006	2007	Percentage change for 2007
Patents	45,298	44,165	49,068	73,512	120,790	123,705	2.4
Utility models	39,957	37,272	34,182	32,716	29,736	2,795	△ 90.6
Subtotal	85255	81,437	83,250	106,228	150,526	126,500	△ 16.0
Industrial designs	27,235	28,380	31,021	33,993	34,206	40,745	19.1
Trademarks	40,588	46,023	51,104	57,873	65,825	60,361	△ 8.3
Total	153,078	155,840	165,375	198,094	250,557	227,606	△ 9.2

Note: Trademark registration renewals are excluded.

Comparison of domestic and foreign registrations

		Domestic		Foreign		Total
		Cases	%	Cases	%	Cases
Patents	2002	30,175	66.6	15,123	33.4	45,298
	2003	30,525	69.1	13,640	30.9	44,165
	2004	35,284	71.9	13,784	28.1	49,068
	2005	53,419	72.7	20,093	27.3	73,512
	2006	89,303	73.9	31,487	26.1	120,790
	2007	91,645	74.1	32,060	25.9	123,705
	Utility models	2002	39,417	98.6	540	1.4
2003		36,597	98.2	675	1.8	37,272
2004		33,629	91.3	553	8.7	34,182
2005		32,104	98.1	612	1.9	32,716
2006		29,031	97.6	705	2.4	29,736
2007		2,739	98.0	56	2.0	2,795
Industrial designs		2002	25,318	93.0	1,917	7.1
	2003	25,680	90.5	2,700	9.5	28,380
	2004	28,311	91.3	2,710	8.7	31,021
	2005	31,040	91.3	2,953	8.7	33,993
	2006	31,503	92.1	2,703	7.9	34,206
	2007	37,631	92.4	3,114	7.6	40,745
	Trademarks	2002	32,678	80.5	7,910	19.5
2003		37,718	82.0	8,305	18.0	46,023
2004		41,673	81.5	9,431	18.5	51,104
2005		46,683	80.7	11,190	19.3	57,873
2006		52,827	80.3	12,998	19.7	65,825
2007		48,266	80.0	12,095	20.0	60,361
Total		2002	127,588	83.3	25,490	16.7
	2003	130,520	83.8	25,320	16.2	155,840
	2004	138,897	84.0	26,478	16.0	165,375
	2005	163,246	82.4	34,848	17.6	198,094
	2006	202,664	80.9	47,893	19.1	250,557
	2007	180,281	79.2	47,325	20.8	227,606

Registrations



Patent registrations by technological field

Classification	Domestic	Percentage change for 2007	Foreign	Percentage change for 2007	Total	Percentage change for 2007
Agriculture	938 (1.0%)	27.4	144 (0.4%)	10.8	1,082 (0.9%)	24.9
Foodstuffs and tobacco	1,569 (1.7%)	3.1	146 (0.5%)	-12.0	1,715 (1.4%)	1.6
Personal and domestic articles	2,676 (2.9%)	16.1	387 (1.2%)	9.6	3,063 (2.5%)	15.2
Health and amusement	2,068 (2.3%)	12.5	944 (2.9%)	16.7	3,012 (2.4%)	13.7
Preparations for medical, dental, or toilet purposes	1,154 (1.3%)	2.2	875 (2.7%)	-6.8	2,029 (1.6%)	-1.9
Separating and mixing	2,119 (2.3%)	14.1	639 (2.0%)	-15.9	2,758 (2.2%)	5.4
Shaping	1,746 (1.9%)	-9.3	497 (1.5%)	-30.7	2,243 (1.8%)	-15.1
Grinding and polishing	1,968 (2.1%)	4.8	719 (2.2%)	-11.5	2,687 (2.2%)	-0.1
Printing	579 (0.6%)	-16.7	378 (1.2%)	-6.0	957 (0.8%)	-12.8
Transporting	4,783 (5.2%)	-7.3	1,137 (3.5%)	-24.4	5,920 (4.8%)	-11.2
Microstructural technology and nanotechnology	253 (0.3%)	46.2	20 (0.1%)	-9.1	273 (0.2%)	40.0
Chemistry in general	1,833 (2.0%)	6.6	605 (1.9%)	9.8	2,438 (2.0%)	7.4
Organic chemistry	800 (0.9%)	-2.1	1,708 (5.3%)	-10.7	2,508 (2.0%)	-8.1
Organic macromolecular compounds	1,250 (1.4%)	-21.1	1,149 (3.6%)	-25.7	2,399 (1.9%)	-23.4
Dyes, petroleum, and animal and vegetable oils	1,243 (1.4%)	-0.1	805 (2.5%)	0.0	2,048 (1.7%)	0.0
Biochemistry	960 (1.0%)	22.1	361 (1.1%)	4.3	1,321 (1.1%)	16.7
Metallurgy	1,121 (1.2%)	20.4	740 (2.3%)	8.5	1,861 (1.5%)	15.4
Textiles and flexible materials	1,387 (1.5%)	-4.1	431 (1.3%)	-0.5	1,818 (1.5%)	-3.3
Paper	144 (0.2%)	-7.7	67 (0.2%)	-38.5	211 (0.2%)	-20.4
Building	5,544 (6.1%)	13.2	359 (1.1%)	2.9	903 (4.8%)	12.5
Earth or rock drilling, and mining	190 (0.2%)	20.3	22 (0.1%)	-15.4	212 (0.2%)	15.2
Engines and pumps	1,452 (1.6%)	-13.9	894 (2.8%)	12.6	2,346 (1.9%)	-5.4
Engineering in general	1,337 (1.5%)	-1.4	534 (1.7%)	-31.9	1,871 (1.5%)	-12.6
Lighting and heating	3,837 (4.2%)	5.1	469 (1.5%)	-3.1	4,306 (3.5%)	4.2
Weapons and blasting	72 (0.1%)	-51.0	26 (0.1%)	-63.9	98 (0.1%)	-55.3
Instruments	5,949 (6.5%)	11.7	3,028 (9.4%)	14.4	8,977 (7.3%)	12.6
Horology and computing	6,016 (6.6%)	20.2	2,067 (6.4%)	14.4	8,083 (6.5%)	18.6
Educating and information storage	4,759 (5.2%)	-24.8	2,020 (6.3%)	-12.1	6,779 (5.5%)	-21.4
Nucleonics	127 (0.1%)	-17.5	62 (0.2%)	100.0	189 (0.2%)	2.2
Electric elements and electric techniques	18,195 (19.9%)	4.6	6,791 (21.1%)	10.4	24,986 (20.2%)	6.1
Electric circuitry and electric communication techniques	15,493 (16.9%)	2.1	4,119 (12.8%)	30.4	19,612 (15.9%)	7.0
Total	91,645 (100.0%)	2.7	32,060 (100.0%)	1.7	123,705(100.0%)	2.4

Note: The figures are preliminary estimates.

Registrations



Patent registrations in biotechnology

	2003		2004		2005		2006		2007	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	730	66.1%	1,243	62.5%	1,490	67.9%	1,911	71%	2,089	74%
Foreign	331	33.9%	373	37.5%	532	32.1%	778	29%	741	26%
Total	1,061		1,616		2,022		2,689		2,830	

Note: Based on the following biotechnological categories of the Eighth Edition of the International Patent Classification: A01H; A01K 67/00-67/04; A01N 63/00-65/00; A61K 8/97-8/99; A61K 8/64-8/68; A61K 35/12-35/76; 36/00-36/9068; A61K 38/00-38/58, 39/00-39/44, 48/00, 51/00-51/10; C02F 3/00-3/34, 11/02-11/04; C07H 19/00-21/04; C07K; C12C-M; C12N; C12P; C12Q; C12S; G01N 33/50-33/98.

Patent registrations in business methods

	2003		2004		2005		2006		2007	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	909	93.1%	1,215	91.6%	1,242	87.3%	1,669	85.4%	2,457	85.9%
Foreign	67	6.9%	112	8.4%	193	12.7%	286	14.6%	404	14.1%
Total	976		1,327		1,435		1,955		2,861	

Note: Based on the Eighth Edition of the International Patent Classification.

Registrations



Registrations by residents of foreign countries in 2007

Residence	Patents	Utility models	Industrial designs	Trademarks	Total
Argentina	1	0	0	13	14
Australia	211	0	11	167	389
Austria	70	0	4	33	107
Bahamas	3	0	1	6	10
Barbados	1	0	1	4	6
Belarus	2	0	3	1	6
Belgium	83	0	12	37	132
Bermuda	3	0	0	14	17
Brazil	16	0	2	14	32
Bulgaria	1	0	0	5	6
Canada	200	0	5	134	339
Cayman Islands	6	0	0	9	15
Chile	0	0	0	35	35
China	137	5	42	439	623
Colombia	0	0	0	12	12
Costa Rica	0	0	0	0	0
Croatia	4	0	0	4	8
Cuba	5	0	0	2	7
Cyprus	2	0	0	2	4
Czech Republic	1	0	1	4	6
Denmark	82	1	12	38	133
Estonia	1	0	1	1	3
Finland	499	0	47	32	578
France	949	0	107	584	1,640
Germany	2,324	3	112	863	3,302
Gibraltar	1	0	0	2	3
Greece	2	0	1	11	14
Hong Kong, China	22	1	14	92	129
Hungary	8	0	1	2	11
Iceland	1	0	0	3	4
India	31	0	2	14	47
Indonesia	0	0	0	15	15
Iran	0	0	0	2	2
Ireland	18	0	5	38	61
Isle of Man	1	0	0	1	2
Israel	80	0	7	47	134
Italy	193	0	82	422	697
Japan	17,275	12	1,558	2,428	21,273
Latvia	2	0	0	1	3
Liberia	0	0	0	0	0
Liechtenstein	12	0	27	20	59
Luxembourg	20	0	1	41	62
Macau, China	0	0	0	3	3
Malaysia	2	0	5	32	39
Mauritius	0	0	0	0	0

Registrations



Registrations by residents of foreign countries in 2007

Residence	Patents	Utility models	Industrial designs	Trademarks	Total
Mexico	2	0	0	36	38
Monaco	4	0	1	14	19
Netherlands	1,074	0	88	241	1,403
Netherlands Antilles	18	1	0	16	35
New Zealand	16	0	3	44	63
Norway	41	0	8	15	64
Panama	0	0	0	4	4
Philippines	1	0	0	9	10
Poland	4	0	1	6	11
Portugal	4	0	0	19	23
Qatar	0	0	0	1	1
Rumania	0	0	0	3	3
Russian Federation	11	0	0	24	35
Samoa	0	0	0	0	0
San Marino	0	0	1	2	3
Saudi Arabia	7	0	0	5	12
Seychelles	1	0	0	4	5
Singapore	53	1	29	67	150
Slovakia	1	0	0	1	2
Slovenia	6	0	0	6	12
South Africa	12	0	3	16	31
Spain	45	0	12	90	147
Sri Lanka	0	0	0	1	1
Swaziland	0	0	0	1	1
Sweden	420	0	23	111	554
Switzerland	560	0	82	526	1,168
Taiwan	437	23	53	246	759
Thailand	0	0	4	19	23
Turkey	4	0	0	36	40
United Arab Emirates	3	0	0	19	22
United Kingdom	356	0	46	423	825
USA	6,683	8	692	3,474	10,857
Venezuela	0	0	0	1	1
Vietnam	0	0	0	10	10
British Virgin Islands	17	1	4	54	76
Others	94	0	7	985	1,086
Total	32,060	56	3,114	12,095	47,325

Note: The figures are preliminary estimates.

Trials and appeals



Petitions

	IPR type	2003	2004	2005	2006	2007
Ex parte	Patents	3,300	4,183	6,366	8,821	9,870
	Utility models	234	282	307	278	288
	Industrial designs	127 (129)	146 (146)	153 (153)	119 (119)	174 (179)
	Trademarks	1,788 (2,338)	2,024 (2,749)	2,602 (3,803)	2,654 (3,844)	3,378 (4,791)
	Subtotal	5,449 (6,001)	6,635 (7,360)	9,428 (10,629)	11,872 (13,062)	13,710 (15,128)
Inter partes	Patents	521	615	776	904	1,080
	Utility models	554	545	479	487	465
	Industrial designs	467 (475)	398 (426)	327 (331)	384 (427)	427 (432)
	Trademarks	1,407 (1,598)	1,474 (1,833)	1,744 (2,066)	1,844 (2,212)	1,918 (2,290)
	Subtotal	2,949 (3,148)	3,032 (3,419)	3,326 (3,652)	3,619 (4,030)	3,890 (4,267)
Total	Patents	3,821	4,798	7,142	9,725	10,950
	Utility models	788	827	786	765	753
	Industrial designs	594 (604)	544 (572)	480 (484)	503 (546)	601 (611)
	Trademarks	3,195 (3,936)	3,498 (4,582)	4,346 (5,869)	4,498 (6,056)	5,296 (7,081)
	Subtotal	8,398 (9,149)	9,667 (10,779)	12,754 (14,281)	15,491 (17,092)	17,600 (19,395)

Note: 1. Figures in parentheses include multiple applications.
2. The figures for 2007 are preliminary estimates.

Actions

	IPR type	2003	2004	2005	2006	2007
Ex parte	Patents	2,477	3,456	5,772	8,911	10,251
	Utility models	210	244	335	367	319
	Industrial designs	131 (131)	150 (150)	144 (144)	125 (125)	152 (156)
	Trademarks	1,601 (2,208)	1,883 (2,451)	2,198 (3,114)	2,539 (3,622)	2,786 (4,021)
	Subtotal	4,419 (5,026)	5,733 (6,301)	8,449 (9,365)	11,942 (13,025)	13,508 (14,747)
Inter partes	Patents	359	595	800	882	1,084
	Utility models	518	632	706	490	543
	Industrial designs	439 (445)	435 (449)	374 (391)	340 (381)	380 (383)
	Trademarks	1,385 (1,510)	1,480 (1,755)	1,590 (1,889)	1,682 (2,008)	1,853 (2,224)
	Subtotal	2,701 (2,832)	3,142 (3,431)	3,470 (3,786)	3,394 (3,761)	3,860 (4,234)
Total	Patents	2,836	4,051	6,572	9,793	11,335
	Utility models	728	876	1,041	857	862
	Industrial designs	570 (576)	585 (599)	518 (535)	465 (506)	532 (539)
	Trademarks	2,986 (3,718)	3,363 (4,206)	3,788 (5,003)	4,221 (5,630)	4,639 (6,245)
	Subtotal	7,120 (7,858)	8,875 (9,732)	11,919 (13,151)	15,336 (16,786)	17,368 (18,981)

Note: 1. Figures in parentheses include multiple applications.
2. The figures for 2007 are preliminary estimates.

Trials and appeals



Successful petitions

IPR type		2003	2004	2005	2006	2007
Ex parte	Patents	396 (43.7)	684 (40.3)	1,087 (39.7)	1,727 (43.1)	1,650 (35.7)
	Utility models	96 (48.7)	101 (42.3)	137 (41.9)	128 (36.1)	95 (31.5)
	Industrial designs	51 (58.0)	35 (41.7)	21 (22.3)	43 (51.8)	42 (40.0)
	Trademarks	1,093 (49.5)	1,354 (55.2)	1,491 (47.9)	1,980 (54.9)	2,359 (59.1)
	Subtotal	1,636 (48.1)	2,174 (48.7)	2,736 (43.6)	3,878 (48.2)	4,146 (45.9)
Inter partes	Patents	163 (45.4)	325 (54.6)	426 (53.3)	465 (53.3)	571 (53.5)
	Utility models	191 (36.9)	292 (46.2)	350 (49.6)	263 (54.0)	269 (50.1)
	Industrial designs	229 (51.5)	242 (53.9)	206 (52.7)	219 (57.9)	189 (49.5)
	Trademarks	984 (65.2)	1,130 (64.4)	1,196 (63.3)	1,214 (61.0)	1,331 (60.6)
	Subtotal	1,567 (55.3)	1,989 (60.0)	2,178 (57.5)	2,161 (58.0)	2,360 (56.4)
Total	Patents	559 (44.2)	1,009 (44.0)	1,513 (42.8)	2,192 (45.0)	2,221 (39.0)
	Utility models	287 (40.1)	393 (45.3)	487 (47.1)	391 (46.4)	364 (43.4)
	Industrial designs	280 (52.5)	277 (52.0)	227 (46.8)	262 (56.8)	231 (47.4)
	Trademarks	2,077 (55.9)	2,484 (59.1)	2,687 (53.7)	3,194 (57.1)	3,690 (59.6)
	Subtotal	3,203 (51.4)	4,163 (52.7)	4,914 (48.6)	6,039 (51.3)	6,506 (49.2)

Note: 1. The successful petitions refer to the number of petitions granted. These figures exclude cases where the registration was decided on the basis of an examiners's reconsideration before a trial and invalidation of a patent process. The figures in parentheses indicate the percentage of the petitions granted.

2. The figures for 2007 are preliminary estimates.

Comparison of domestic and foreign trial requests

	2003		2004		2005		2006		2007	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
Patents	2,339	1,482	3,133	1,665	4,362	2,780	6,209	3,516	7,004	3,946
Utility models	780	8	812	15	771	15	758	7	744	9
Industrial designs	554	50	538	34	456	28	515	31	584	27
Trademarks	2,505	1,431	2,890	1,692	3,432	2,437	3,315	2,741	3,750	3,331
Total	6,178	2,971	7,373	3,406	9,021	5,260	10,797	6,295	12,082	7,313

Note: 1. Multiple applications for trademarks and industrial designs are treated as single applications.

2. The figures for 2007 are preliminary estimates.

Revenue and expenditure



Revenue

(unit: billion KRW)

	2005	2006	2007	2008
Revenue from goods and services	190.397	234.427	242.055	269,153
Revenue carried over from the previous year	4.291	26.412	37.242	30,294
Internal revenue and others	30.332	37.134	31.822	18,517
Total	225.020	297.973	311.119	317,964

Expenditure

(unit: billion KRW)

	2005	2006	2007	2008
Major projects	108.720	203.107	211.698	168,924
Basic projects	13.492	16.208	13.389	13,716
Labor costs	58.769	74.224	79.127	83,337
Reserve fund	6.038	4.434	6.905	1,987
Deposit for special budget	38.000	-	-	10,000
Total	225.020	297.973	311.119	317,964

KIPO staff

		2004	2005	2006	2007	2008
Examiners	· Patent and utility models	558	728	727	660	659
	· Industrial designs	18	26	26	27	27
	· Trademarks	94	114	113	103	103
Appeal judges		41	49	79	117	117
Clerical staff		495	575	572	616	605
Total		1,206	1,492	1,517	1,528	1,511