

Applications

Application by IPR type

(unit: cases)

| IPR type | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------|-------------------|-------------------|---------|-------------------|--------------------------|
| Patents | 170,600 | 179,687 | 192,560 | 204,589 | 210,292 |
| Utility models | 13,690 | 11,894 | 12,463 | 10,968 | 9,184 |
| Subtotal | 184,290 | 191,581 | 205,023 | 215,557 | 219,476 |
| Designs | 57,223 (59,226) | 56,540 (58,596) | 63,152 | 66,940 (65,552) | 64,345 (67,602) |
| Trademarks | 121,312 (153,307) | 124,000 (151,204) | 132,611 | 147,667 (160,540) | 150,226 (183,806) |
| Total | 362,825 (396,823) | 372,121 (401,381) | 400,786 | 430,164 (431,115) | 434,047 (470,884) |

Note1: Figures for 2014 are preliminary

Note2: Figures in parentheses include multiple applications.

PCT applications

(unit: cases)

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------|-------|--------|--------|--------|---------------|
| Number of applications | 9,639 | 10,413 | 11,869 | 12,439 | 13,138 |
| Growth rate (%) | 20.1 | 8 | 13.9 | 4.8 | 5.6 |

Note: Based on WIPO statistics.

International trademark applications under the Madrid System

(unit: cases)

| Period | Office of origin | Designated office |
|-------------|------------------|-------------------|
| 2010 | 354 | 8,336 |
| 2011 | 489 | 9,821 |
| 2012 | 499 | 10,090 |
| 2013 | 502 | 10,967 |
| 2014 | 671 | 10,402 |

Note: Based on WIPO statistics.

International design applications under the Hague System

(unit: cases)

| | Office of origin | Designated office |
|-------------------|------------------|-------------------|
| July | - | 2 |
| August | - | 19 |
| September | 4 | 9 |
| October | 3 | 13 |
| November | 5 | 13 |
| December | 3 | 12 |
| 2014 total | 15 | 68 |

Comparison of domestic and foreign applications

(unit: cases, %)

| | | Domestic | | Foreign | | Total |
|----------------|-------------|------------------------|--------------------|----------------------|------------------|------------------------|
| | | Cases | % | Cases | % | |
| Patents | 2010 | 131,805 | 77.5 | 38,296 | 22.5 | 170,101 |
| | 2011 | 138,034 | 77.7 | 40,890 | 22.3 | 178,924 |
| | 2012 | 148,136 | 78.4 | 40,779 | 21.6 | 188,915 |
| | 2013 | 159,978 | 78.2 | 44,611 | 21.8 | 204,589 |
| | 2014 | 164,069 | 78.0 | 46,223 | 22.0 | 210,292 |
| Utility models | 2010 | 13,193 | 96.6 | 468 | 3.4 | 13,661 |
| | 2011 | 11,462 | 96.7 | 392 | 3.3 | 11,854 |
| | 2012 | 11,899 | 95.8 | 525 | 4.2 | 12,424 |
| | 2013 | 10,463 | 95.4 | 505 | 4.6 | 10,968 |
| | 2014 | 8,754 | 95.3 | 430 | 4.7 | 9,184 |
| Designs | 2010 | 53,601 (55,369) | 93.7 (93.5) | 3,586 (3,835) | 6.3 (6.5) | 57,187 (59,204) |
| | 2011 | 52,812 (54,300) | 93.5 (92.8) | 3,712 (4,271) | 6.5 (7.2) | 56,524 (58,571) |
| | 2012 | 59,487 (60,867) | 94.2 (93.0) | 3,648 (4,602) | 5.8 (7.0) | 63,135 (65,469) |
| | 2013 | 63,117 (65,441) | 94.3 (93.5) | 3,823 (4,550) | 5.7 (6.5) | 66,940 (69,991) |
| | 2014 | 60,796 (63,083) | 94.5 (93.3) | 3,549 (4,519) | 5.5 (6.7) | 64,345 (67,602) |

(unit: cases, %)

| | | Domestic | | Foreign | | Total |
|------------|-------------|--------------------------|--------------------|------------------------|--------------------|--------------------------|
| | | Cases | % | Cases | % | |
| Trademarks | 2010 | 106,896 (129,993) | 88.3 (84.9) | 14,229 (23,186) | 11.7 (15.1) | 121,125 (153,179) |
| | 2011 | 112,575 (132,864) | 91.0 (88.1) | 11,239 (18,113) | 9.0 (11.9) | 123,814 (150,977) |
| | 2012 | 120,341 (140,908) | 90.8 (87.8) | 12,181 (19,539) | 9.2 (12.2) | 132,522 (160,447) |
| | 2013 | 135,317 (158,077) | 91.6 (89.1) | 12,350 (19,401) | 8.4 (10.1) | 147,667 (177,478) |
| | 2014 | 138,098 (164,287) | 91.9 (89.4) | 12,128 (19,519) | 8.1 (10.6) | 150,226 (183,806) |
| Total | 2010 | 305,495 (330,360) | 84.4 (83.4) | 56,579 (65,785) | 15.6 (16.6) | 362,074 (396,145) |
| | 2011 | 314,883 (336,660) | 84.8 (84.1) | 56,233 (63,666) | 15.2 (15.9) | 371,116 (400,326) |
| | 2012 | 339,863 (361,810) | 85.6 (84.7) | 57,133 (65,445) | 14.4 (15.3) | 396,996 (427,255) |
| | 2013 | 368,875 (393,959) | 85.8 (85.1) | 61,289 (69,067) | 14.2 (14.9) | 430,164 (463,026) |
| | 2014 | 371,717 (400,193) | 85.6 (85.0) | 62,330 (70,691) | 14.4 (15.0) | 434,047 (470,884) |

Note1: Figures for 2014 are preliminary.

Note2: Figures in parentheses include multiple applications.

patent and utility model applications by technological field in 2014

(unit: cases, %)

| Classification | Patents | | | Utility models | | |
|-------------------------------|---------------|--------------|----------------------|----------------|-----------|----------------------|
| | Domestic | Foreign | Total | Domestic | Foreign | Total |
| Agriculture | 2,719 (1.3%) | 273 (0.1%) | 2,992 (1.4%) | 435 (4.7%) | 3 (0.0%) | 438 (4.8%) |
| Foodstuffs, Tobacco | 3,949 (1.9%) | 436 (0.2%) | 4,385 (2.1%) | 118 (1.3%) | 5 (0.1%) | 123 (1.3%) |
| Personal of domestic articles | 6,586 (3.1%) | 527 (0.3%) | 7,113 (3.4%) | 1,895 (20.6%) | 36 (0.4%) | 1,931 (21.0%) |
| Health, Amusement | 7,188 (3.4%) | 1,870 (0.9%) | 9,058 (4.3%) | 698 (7.6%) | 36 (0.4%) | 734 (8.0%) |
| Dental, or toilet purposes | 3,741 (1.8%) | 1,829 (0.9%) | 5,570 (2.6%) | 8 (0.1%) | 0 (0.0%) | 8 (0.1%) |
| Separating, Mixing | 3,960 (1.9%) | 1,150 (0.5%) | 5,110 (2.4%) | 145 (1.6%) | 7 (0.1%) | 152 (1.7%) |
| Shaping | 3,509 (1.7%) | 921 (0.4%) | 4,430 (2.1%) | 112 (1.2%) | 9 (0.1%) | 121 (1.3%) |
| Grinding, Polishing, etc | 3,541 (1.7%) | 1,172 (0.6%) | 4,713 (2.2%) | 215 (2.3%) | 13 (0.1%) | 228 (2.5%) |
| Printing | 939 (0.4%) | 240 (0.1%) | 1,179 (0.6%) | 144 (1.6%) | 3 (0.0%) | 147 (1.6%) |
| Transporting | 14,823 (7.0%) | 2,126 (1.0%) | 16,949 (8.1%) | 1,500 (16.3%) | 46 (0.5%) | 1,546 (16.8%) |

(unit: cases, %)

| Classification | Patents | | | Utility models | | |
|--|-----------------|----------------|-------------------------|----------------|------------|-----------------------|
| | Domestic | Foreign | Total | Domestic | Foreign | Total |
| Technology, Nano-technology | 269 (0.1%) | 71 (0.0%) | 340 (0.2%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Chemistry | 3,092 (1.5%) | 1,009 (0.5%) | 4,101 (2.0%) | 27 (0.3%) | 2 (0.0%) | 29 (0.3%) |
| Organic chemistry | 1,970 (0.9%) | 2,788 (1.3%) | 4,758 (2.3%) | 1 (0.0%) | 0 (0.0%) | 1 (0.0%) |
| Organic macromolecular compounds | 2,492 (1.2%) | 2,231 (1.1%) | 4,723 (2.2%) | 3 (0.0%) | 0 (0.0%) | 3 (0.0%) |
| Dyes, Petroleum | 2,723 (1.3%) | 1,641 (0.8%) | 4,364 (2.1%) | 22 (0.2%) | 0 (0.0%) | 22 (0.2%) |
| Biochemistry | 2,307 (1.1%) | 684 (0.3%) | 2,991 (1.4%) | 14 (0.2%) | 0 (0.0%) | 14 (0.2%) |
| Metallurgy | 2,489 (1.2%) | 1,411 (0.7%) | 3,900 (1.9%) | 16 (0.2%) | 7 (0.1%) | 23 (0.3%) |
| Textiles or flexible materials | 1,715 (0.8%) | 333 (0.2%) | 2,048 (1.0%) | 68 (0.7%) | 19 (0.2%) | 87 (0.9%) |
| Paper | 206 (0.1%) | 80 (0.0%) | 286 (0.1%) | 4 (0.0%) | 2 (0.0%) | 6 (0.1%) |
| Building | 8,312 (4.0%) | 518 (0.2%) | 8,830 (4.2%) | 783 (8.5%) | 6 (0.1%) | 789 (8.6%) |
| Earth or rock drilling, Mining | 372 (0.2%) | 53 (0.0%) | 425 (0.2%) | 4 (0.0%) | 1 (0.0%) | 5 (0.1%) |
| Engines of pumps | 3,263 (1.6%) | 1,374 (0.7%) | 4,637 (2.2%) | 113 (1.2%) | 14 (0.2%) | 127 (1.4%) |
| Engineering in general | 2,792 (1.3%) | 1,044 (0.5%) | 3,836 (1.8%) | 231 (2.5%) | 13 (0.1%) | 244 (2.7%) |
| Lighting, Heating | 5,978 (2.8%) | 673 (0.3%) | 6,651 (3.2%) | 467 (5.1%) | 28 (0.3%) | 495 (5.4%) |
| Weapons, Blasting | 378 (0.2%) | 38 (0.0%) | 416 (0.2%) | 26 (0.3%) | 0 (0.0%) | 26 (0.3%) |
| Instruments | 11,192 (5.3%) | 3,430 (1.6%) | 14,622 (7.0%) | 240 (2.6%) | 28 (0.3%) | 268 (2.9%) |
| Horology, Computing | 19,347 (9.2%) | 3,481 (1.7%) | 22,828 (10.9%) | 190 (2.1%) | 45 (0.5%) | 235 (2.6%) |
| Educating, Information storage | 3,724 (1.8%) | 734 (0.3%) | 4,458 (2.1%) | 179 (1.9%) | 6 (0.1%) | 185 (2.0%) |
| Nucleonics | 389 (0.2%) | 94 (0.0%) | 483 (0.2%) | 10 (0.1%) | 0 (0.0%) | 10 (0.1%) |
| Electric elements, Electric techniques | 20,685 (9.8%) | 8,307 (4.0%) | 28,992 (13.8%) | 461 (5.0%) | 61 (0.7%) | 522 (5.7%) |
| Electric communication technique | 13,033 (6.2%) | 4,861 (2.3%) | 17,894 (8.5%) | 153 (1.7%) | 23 (0.3%) | 176 (1.9%) |
| Others | 6,390 (3.0%) | 820 (0.4%) | 7,210 (3.4%) | 472 (5.1%) | 17 (0.2%) | 489 (5.3%) |
| Total | 164,073 (78.0%) | 46,219 (22.0%) | 210,292 (100.0%) | 8,754 (95.3%) | 430 (4.7%) | 9,184 (100.0%) |

Note: Figures for 2014 are preliminary.

Patent applications in biotechnology

(unit: cases, %)

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------------|
| | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio |
| Domestic | 4,339 | 72.5 | 4,556 | 72.2 | 4,852 | 74.6 | 5,152 | 72.8 | 5,091 | 73.3 |
| Foreign | 1,648 | 27.5 | 1,750 | 27.8 | 1,654 | 25.4 | 1,929 | 27.2 | 1,856 | 26.7 |
| Total | 5,987 | 100 | 6,306 | 100 | 6,506 | 100 | 7,081 | 100 | 6,947 | 100 |

Note1: Figures for 2014 are preliminary.

Note2: 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 applications in business methods

(unit: cases, %)

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------------|
| | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio |
| Domestic | 4,994 | 93.7 | 6,167 | 94.2 | 7,259 | 95.8 | 6,828 | 94.9 | 6,813 | 93.5 |
| Foreign | 337 | 6.3 | 375 | 5.8 | 315 | 4.2 | 365 | 5.1 | 476 | 6.5 |
| Total | 5,331 | 100 | 6,542 | 100 | 7,574 | 100 | 7,193 | 100 | 7,289 | 100 |

Note1: Figures for 2014 are preliminary.

Note2: Based on the Eighth Edition of the International Patent Classification.

Applications by residents of foreign countries in 2014

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|---------------------------|---------|----------------|---------------|---------------|--------------------------|------------------------|
| United States of America | 13,997 | 64 | 1,091 (1,502) | 4,257 (6,962) | 1,916 (3,283) | 21,325 (25,808) |
| Japan | 15,650 | 35 | 1,151 (1,315) | 2,200 (3,563) | 930 (1,897) | 19,966 (22,460) |
| Germany | 4,231 | 7 | 222 (297) | 206 (355) | 1,405 (3,516) | 6,071 (8,406) |
| China | 1,572 | 96 | 170 (184) | 1,827 (2,551) | 794 (1,079) | 4,459 (5,482) |
| France | 2,211 | 5 | 114 (150) | 287 (484) | 868 (2,048) | 3,485 (4,898) |
| Switzerland | 1,321 | 5 | 93 (117) | 347 (519) | 815 (1,675) | 2,581 (3,637) |
| United Kingdom | 919 | 4 | 186 (249) | 590 (1,150) | 572 (1,557) | 2,271 (3,879) |
| Taiwan, Province of China | 953 | 198 | 52 (58) | 478 (659) | | 1,681 (1,868) |
| Italy | 424 | 2 | 79 (95) | 256 (377) | 725 (1,440) | 1,486 (2,338) |
| Netherlands | 750 | 1 | 83 (153) | 133 (217) | 220 (513) | 1,187 (1,634) |
| Sweden | 681 | | 70 (71) | 69 (125) | 178 (400) | 998 (1,277) |
| Canada | 405 | | 28 (31) | 298 (524) | 18 (28) | 749 (988) |
| Australia | 210 | 1 | 9 (9) | 117 (169) | 236 (481) | 573 (870) |
| Austria | 316 | | | 30 (63) | 121 (298) | 467 (677) |
| Finland | 331 | 1 | 21 (32) | 8 (15) | 87 (301) | 448 (680) |
| Singapore | 208 | | 13 (13) | 113 (229) | 87 (194) | 421 (644) |
| Spain | 136 | 2 | 6 (6) | 57 (82) | 204 (342) | 405 (568) |
| Belgium | 233 | | 4 (4) | 25 (26) | 126 (246) | 388 (509) |
| Israel | 266 | 2 | 17 (22) | 27 (41) | 66 (105) | 378 (436) |
| Denmark | 170 | 1 | 17 (20) | 27 (70) | 137 (293) | 352 (554) |
| Luxembourg | 156 | | 7 (7) | 35 (65) | 85 (215) | 283 (443) |
| Norway | 125 | | 13 (14) | 28 (66) | 48 (180) | 214 (385) |
| Ireland | 100 | | 1 (1) | 35 (48) | 63 (114) | 199 (263) |
| Russian Federation | 41 | 1 | 1 (1) | 19 (40) | 120 (419) | 182 (502) |
| India | 127 | | | 21 (26) | 24 (46) | 172 (199) |
| New Zealand | 58 | | 4 (6) | 35 (43) | 45 (94) | 142 (201) |
| Saudi Arabia | 100 | | | 31 (71) | | 131 (171) |
| Brazil | 58 | 1 | 26 (31) | 37 (57) | 1 (2) | 123 (149) |
| Turkey | 24 | | 1 (1) | 5 (5) | 86 (151) | 116 (181) |
| Liechtenstein | 37 | | 17 (17) | 5 (5) | 35 (68) | 94 (127) |
| Virgin Islands (British) | 21 | | | 52 (148) | 18 (71) | 91 (240) |
| Thailand | 12 | | 1 (1) | 73 (93) | 4 (6) | 90 (112) |
| Poland | 35 | | 6 (6) | 1 (2) | 32 (78) | 74 (121) |
| Mexico | 23 | | | 44 (48) | 4 (5) | 71 (76) |
| Malaysia | 28 | | 6 (6) | 30 (54) | 3 (3) | 67 (91) |

Statistical Data

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|----------------------------|---------|----------------|---------|-------------|--------------------------|-----------------|
| Malta | 14 | | | 3 (6) | 47 (166) | 64 (186) |
| Barbados | 56 | | 2 (2) | 1 (1) | 1 (1) | 60 (60) |
| Czech Republic | 17 | | 3 (3) | 1 (1) | 35 (73) | 56 (94) |
| Chile | 12 | | | 42 (47) | | 54 (59) |
| Bermuda | 13 | | 10 (63) | 25 (30) | 5 (27) | 53 (133) |
| Portugal | 5 | | | 10 (19) | 33 (52) | 48 (76) |
| Cayman Islands | 20 | | | 23 (147) | 3 (3) | 46 (170) |
| South Africa | 30 | | | 13 (17) | | 43 (47) |
| Cyprus | 13 | | | 9 (9) | 17 (37) | 39 (59) |
| Viet Nam | 5 | | | 13 (14) | 19 (27) | 37 (46) |
| United Arab Emirates | | | 18 (18) | 12 (16) | 6 (12) | 36 (46) |
| Indonesia | 3 | | | 28 (48) | 1 (4) | 32 (55) |
| Bulgaria | 3 | | | | 25 (43) | 28 (46) |
| Hungary | 14 | | | 1 (3) | 12 (36) | 27 (53) |
| Hong Kong (SAR, China) | | | | 26 (48) | | 26 (48) |
| Philippines | 4 | 1 | 1 (1) | 13 (15) | 5 (5) | 24 (26) |
| Ukraine | 8 | | | 2 (4) | 13 (30) | 23 (42) |
| Bahamas | 9 | | | 10 (24) | 3 (13) | 22 (46) |
| Greece | 8 | | | 2 (2) | 11 (15) | 21 (25) |
| Monaco | | | | 11 (13) | 8 (14) | 19 (27) |
| Romania | 3 | | | | 16 (21) | 19 (24) |
| Slovakia | 4 | | 1 (5) | 1 (1) | 10 (91) | 16 (101) |
| Iceland | | | | 2 (2) | 14 (42) | 16 (44) |
| Iran (Islamic Republic of) | | | | 4 (8) | 9 (28) | 13 (36) |
| Slovenia | 5 | | 2 (2) | | 6 (20) | 13 (27) |
| Mauritius | | | | 12 (16) | | 12 (16) |
| Estonia | 6 | | 3 (3) | | 2 (4) | 11 (13) |
| Lithuania | 1 | | | 1 (1) | 8 (20) | 10 (22) |
| Qatar | | | | 8 (15) | 2 (2) | 10 (17) |
| Croatia | 1 | | | 7 (7) | 2 (6) | 10 (14) |
| Colombia | 1 | | | 5 (7) | 4 (4) | 10 (12) |
| Argentina | 1 | | | 8 (8) | | 9 (9) |
| Belize | 4 | 3 | | | 1 (2) | 8 (9) |
| Cuba | 6 | | | | 2 (2) | 8 (8) |
| Ecuador | 1 | | | 7 (7) | | 8 (8) |

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|----------------------------------|---------|----------------|---------|-------------|--------------------------|---------------|
| Samoa | | | | 7 (11) | | 7 (11) |
| Pakistan | 1 | | | 5 (5) | | 6 (6) |
| Belarus | 1 | | | | 4 (20) | 5 (21) |
| Serbia | 2 | | | | 3 (8) | 5 (10) |
| Morocco | | | | 2 (6) | 3 (3) | 5 (9) |
| Seychelles | 1 | | | 4 (4) | | 5 (5) |
| Jordan | 5 | | | | | 5 (5) |
| Fiji | | | | 3 (3) | 2 (2) | 5 (5) |
| Mongolia | | | | 3 (4) | 1 (4) | 4 (8) |
| Armenia | 1 | | | 2 (2) | 1 (1) | 4 (4) |
| Kazakhstan | | | | 2 (2) | 1 (9) | 3 (11) |
| Antigua and Barbuda | | | | | 3 (7) | 3 (7) |
| Latvia | 1 | | | | 2 (5) | 3 (6) |
| Curacao | | | | | 3 (4) | 3 (4) |
| Sri Lanka | | | | 3 (4) | | 3 (4) |
| Panama | 1 | | | 2 (2) | | 3 (3) |
| Peru | | | 1 (1) | 2 (2) | | 3 (3) |
| Bosnia and Herzegovina | 2 | | | | 1 (1) | 3 (3) |
| Egypt | | | | 1 (1) | 2 (2) | 3 (3) |
| San Marino | | | | 1 (1) | 1 (3) | 2 (4) |
| Gibraltar | | | | | 2 (4) | 2 (4) |
| Albania | | | | | 2 (2) | 2 (2) |
| Lebanon | | | | 1 (1) | 1 (1) | 2 (2) |
| Brunei Darussalam | 1 | | | 1 (1) | | 2 (2) |
| Georgia | | | | | 2 (2) | 2 (2) |
| Montenegro | | | | | 1 (5) | 1 (5) |
| Saint Lucia | | | | 1 (3) | | 1 (3) |
| West Indies | | | | 1 (3) | | 1 (3) |
| Macao | | | | 1 (2) | | 1 (2) |
| Bangladesh | 1 | | | | | 1 (1) |
| Azerbaijan | | | | | 1 (1) | 1 (1) |
| Nepal | | | | 1 (1) | | 1 (1) |
| Lao People's Democratic Republic | 1 | | | | | 1 (1) |
| Saint Kitts and Nevis | 1 | | | | | 1 (1) |
| Dominica | | | | | 1 (1) | 1 (1) |

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|---|---------------|----------------|----------------------|------------------------|--------------------------|------------------------|
| Iraq | | | | 1 (1) | | 1 (1) |
| Tunisia | | | | | 1 (1) | 1 (1) |
| The former Yugoslav Republic of Macedonia | | | | | 1 (1) | 1 (1) |
| Cameroon | | | | 1 (1) | | 1 (1) |
| Saint Vincent and the Grenadines | 1 | | | | | 1 (1) |
| Oman | | | | 1 (1) | | 1 (1) |
| Marshall Islands | 1 | | | | | 1 (1) |
| Dominican Republic | | | | 1 (1) | | 1 (1) |
| Uzbekistan | 1 | | | | | 1 (1) |
| Venezuela | 1 | | | | | 1 (1) |
| Total | 46,219 | 430 | 3,550 (4,517) | 12,150 (19,550) | 10,432 (22,035) | 72,781 (92,751) |

Note1: Figures for 2014 are preliminary.
 Note2: Figures in parentheses include multiple applications.

Examinations

Patents and utility models

(unit: cases)

| | | First Action | | | | Final Decisions | | | | |
|----------------|-------------|--------------------------|--|---------------|---------------------------|-----------------|--------------------------|---------------------------|---|----------------|
| | | Approval of registration | Notice of preliminary rejection or amendment | Other notices | Withdrawal or abandonment | Total | Approval of registration | Rejection or cancellation | Withdrawal abandonment, annulment, or rejection | Total |
| Patents | 2010 | 11,276 | 110,822 | 573 | 2,962 | 125,633 | 69,162 | 38,232 | 2,962 | 110,356 |
| | 2011 | 17,280 | 153,326 | 676 | 3,001 | 174,283 | 98,979 | 49,204 | 3,001 | 115,184 |
| | 2012 | 17,115 | 141,890 | 477 | 3,764 | 163,246 | 108,236 | 51,912 | 3,764 | 163,912 |
| | 2013 | 18,713 | 158,828 | 431 | 3,899 | 181,871 | 121,866 | 54,029 | 3,899 | 179,794 |
| | 2014 | 15,798 | 146,959 | 879 | 3,288 | 166,924 | 120,353 | 53,611 | 3,288 | 177,252 |
| Utility models | 2010 | 1,286 | 10,189 | 52 | 516 | 12,043 | 4,862 | 5,838 | 516 | 11,216 |
| | 2011 | 2,220 | 14,968 | 72 | 536 | 17,796 | 7,013 | 8,010 | 536 | 15,559 |
| | 2012 | 1,714 | 11,352 | 51 | 432 | 13,549 | 7,003 | 7,459 | 432 | 14,894 |
| | 2013 | 1,451 | 10,085 | 41 | 441 | 12,018 | 6,086 | 6,192 | 441 | 12,719 |
| | 2014 | 874 | 8,015 | 45 | 390 | 9,324 | 5,067 | 4,937 | 390 | 10,394 |

Note1: Figures for 2014 are preliminary.

Designs and trademarks

(unit: cases)

| | | First Action | | | Final Decisions | | | |
|------------|-------------|--------------------------------------|---------------------------------|---------------|--------------------------|--------------------------|------------------------|--------------------------|
| | | Publication/approval of registration | Notice of preliminary rejection | Other notices | Total | Approval of registration | Rejection | Total |
| Designs | 2010 | 25,889 (26,985) | 22,134 (22,793) | - (-) | 48,023 (49,778) | 38,882 (40,387) | 7,621 (7,850) | 46,503 (48,237) |
| | 2011 | 28,104 (30,274) | 26,977 (30,276) | - (-) | 55,081 (60,550) | 45,379 (49,330) | 8,166 (8,892) | 53,545 (58,222) |
| | 2012 | 30,398 (31,168) | 32,436 (33,871) | - (-) | 62,834 (65,039) | 50,960 (52,560) | 10,165 (10,477) | 61,125 (63,037) |
| | 2013 | 29,809 (30,757) | 34,612 (36,264) | - (-) | 64,421 (67,021) | 51,636 (53,538) | 10,945 (11,381) | 62,581 (64,919) |
| | 2014 | 33,182 (34,149) | 35,665 (37,702) | - (-) | 68,847 (71,851) | 58,878 (61,323) | 11,075 (11,713) | 69,953 (73,036) |
| Trademarks | 2010 | 62,272 (75,423) | 44,673 (57,789) | - (-) | 106,945 (133,212) | 78,218 (99,127) | 21,369 (26,034) | 99,587 (125,161) |
| | 2011 | 63,823 (72,732) | 59,950 (80,590) | - (-) | 123,773 (153,322) | 78,763 (94,913) | 27,141 (32,820) | 105,904 (127,733) |
| | 2012 | 57,215 (63,777) | 55,921 (73,897) | - (-) | 113,136 (137,674) | 85,875 (103,660) | 26,943 (32,711) | 112,818 (136,371) |
| | 2013 | 74,674 (81,674) | 70,398 (90,933) | - (-) | 145,072 (172,607) | 110,118 (130,158) | 32,168 (38,601) | 142,286 (168,759) |
| | 2014 | 83,475 (94,136) | 64,127 (84,104) | - (-) | 147,602 (178,240) | 111,917 (134,745) | 28,771 (34,092) | 140,688 (168,837) |

Note1: Figures for 2014 are preliminary.
 Note2: Figures in parentheses include multiple applications.

Pendency period for patents, utility models, trademarks, and designs

Average first action pendency

(unit: month)

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|--------------------------|------|------|------|------|-------------|
| Patents / Utility models | 18.5 | 16.8 | 14.8 | 13.2 | 11.0 |
| Trademarks | 10.6 | 10.0 | 8.9 | 7.7 | 6.4 |
| Designs | 10.0 | 10.0 | 8.8 | 7.3 | 6.5 |

Average total pendency

(unit: month)

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|--------------------------|------|------|------|------|-------------|
| Patents / Utility models | 24.6 | 22.8 | 21.6 | 19.1 | 16.7 |
| Trademarks | 14.1 | 14.6 | 13.5 | 12.7 | 11.5 |
| Designs | 11.4 | 10.4 | 10.5 | 9.2 | 8.5 |

International search reports and preliminary examinations undertaken by KIPO

(unit: cases)

| Year | International Search Reports | International Preliminary Examinations |
|-------------|------------------------------|--|
| 2010 | 22,707 | 270 |
| 2011 | 25,666 | 226 |
| 2012 | 27,080 | 301 |
| 2013 | 29,531 | 252 |
| 2014 | 30,160 | 236 |

Note: Based on KIPO data

Registrations

Registrations by IPR type

(unit: cases, %)

| IPR type | 2010 | 2011 | 2012 | 2013 | 2014 | Percent change for 2014 |
|----------------|---------|---------|---------|---------|----------------|-------------------------|
| Patents | 68,843 | 94,720 | 113,467 | 127,330 | 129,786 | 1.9 |
| Utility models | 4,301 | 5,853 | 6,353 | 5,959 | 4,955 | -16.8 |
| Subtotal | 73,144 | 100,573 | 119,820 | 133,289 | 134,741 | 1.1 |
| Designs | 33,697 | 42,185 | 46,146 | 47,308 | 54,010 | 14.2 |
| Trademarks | 53,136 | 71,255 | 77,903 | 100,093 | 99,791 | -0.3 |
| Total | 159,977 | 214,013 | 243,869 | 280,690 | 288,542 | 2.8 |

Note1: Figures for 2014 are preliminary.

Note2: Trademark registration renewals are excluded.

Comparison of domestic and foreign registrations

(unit: cases)

| | | Domestic | | Foreign | | Total |
|----------------|-------------|---------------|-------------|---------------|-------------|----------------|
| | | cases | % | cases | % | |
| Patents | 2010 | 51,404 | 74.7 | 17,439 | 25.3 | 68,843 |
| | 2011 | 72,258 | 76.3 | 22,462 | 23.7 | 94,720 |
| | 2012 | 84,061 | 74.1 | 29,406 | 25.9 | 113,467 |
| | 2013 | 95,667 | 75.1 | 31,663 | 24.9 | 127,330 |
| | 2014 | 97,294 | 75.0 | 32,492 | 25.0 | 129,786 |
| Utility models | 2010 | 4,199 | 97.6 | 102 | 2.4 | 4,301 |
| | 2011 | 5,705 | 97.5 | 148 | 2.5 | 5,853 |
| | 2012 | 6,151 | 96.8 | 202 | 3.2 | 6,353 |
| | 2013 | 5,718 | 96.0 | 241 | 4.0 | 5,959 |
| | 2014 | 4,682 | 94.5 | 273 | 5.5 | 4,955 |
| Designs | 2010 | 31,523 | 93.5 | 2,174 | 6.5 | 33,697 |
| | 2011 | 39,443 | 93.5 | 2,742 | 6.5 | 42,185 |
| | 2012 | 42,628 | 92.4 | 3,518 | 7.6 | 46,146 |
| | 2013 | 43,866 | 92.7 | 3,442 | 7.3 | 47,308 |
| | 2014 | 49,856 | 92.3 | 4,154 | 7.7 | 54,010 |

(unit: cases)

| | | Domestic | | Foreign | | Total |
|------------|-------------|----------------|-------------|---------------|-------------|----------------|
| | | Cases | % | Cases | % | |
| Trademarks | 2010 | 41,712 | 78.5 | 11,424 | 21.5 | 53,136 |
| | 2011 | 55,571 | 78.0 | 15,684 | 22.0 | 71,255 |
| | 2012 | 61,505 | 79.0 | 16,398 | 21.0 | 77,903 |
| | 2013 | 80,372 | 80.3 | 19,721 | 19.7 | 100,093 |
| | 2014 | 80,645 | 80.8 | 19,146 | 19.2 | 99,791 |
| Total | 2010 | 128,838 | 80.5 | 31,139 | 19.5 | 159,977 |
| | 2011 | 172,977 | 80.8 | 41,036 | 19.2 | 214,013 |
| | 2012 | 194,345 | 79.7 | 49,524 | 20.3 | 243,869 |
| | 2013 | 225,623 | 80.4 | 55,067 | 19.6 | 280,690 |
| | 2014 | 232,477 | 80.6 | 56,065 | 19.4 | 288,542 |

Note1: Figures for 2014 are preliminary.

Note2: Figures in parentheses include multiple applications.

Patent and utility model registrations by technological field in 2014

(unit: cases)

| Classification | Patents | | | Utility models | | |
|---|--------------|--------------|---------------------|----------------|-----------|----------------------|
| | Korean | Foreign | Total | Korean | Foreign | Total |
| Agriculture | 2,004 (1.5%) | 142 (0.1%) | 2,146 (1.7%) | 257 (5.2%) | 2 (0.0%) | 259 (5.2%) |
| Foodstuffs, Tobacco | 2,338 (1.8%) | 212 (0.2%) | 2,550 (2.0%) | 55 (1.1%) | 1 (0.0%) | 56 (1.1%) |
| Personal of domestic articles | 3,864 (3.0%) | 423 (0.3%) | 4,287 (3.3%) | 1,213 (24.5%) | 38 (0.8%) | 1,251 (25.2%) |
| Health, Amusement | 3,982 (3.1%) | 1,049 (0.8%) | 5,031 (3.9%) | 373 (7.5%) | 21 (0.4%) | 394 (8.0%) |
| Preparations for medical, dental, or cosmetic usage | 2,050 (1.6%) | 962 (0.7%) | 3,012 (2.3%) | 4 (0.1%) | 0 (0.0%) | 4 (0.1%) |
| Separating, Mixing | 2,714 (2.1%) | 808 (0.6%) | 3,522 (2.7%) | 87 (1.8%) | 7 (0.1%) | 94 (1.9%) |
| Shaping | 2,786 (2.1%) | 655 (0.5%) | 3,441 (2.7%) | 74 (1.5%) | 6 (0.1%) | 80 (1.6%) |
| Grinding, Polishing | 2,848 (2.2%) | 884 (0.7%) | 3,732 (2.9%) | 133 (2.7%) | 7 (0.1%) | 140 (2.8%) |
| Printing | 594 (0.5%) | 254 (0.2%) | 848 (0.7%) | 69 (1.4%) | 6 (0.1%) | 75 (1.5%) |

(unit: cases)

| Classification | Patents | | Utility models | | | |
|--|----------------|----------------|-------------------------|---------------|------------|-----------------------|
| | Korean | Foreign | Total | Korean | Foreign | Total |
| Transporting | 8,355 (6.4%) | 1,513 (1.2%) | 9,868 (7.6%) | 649 (13.1%) | 26 (0.5%) | 675 (13.6%) |
| Micro-structural technology, Nano-technology | 358 (0.3%) | 67 (0.1%) | 425 (0.3%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Chemistry | 2,286 (1.8%) | 788 (0.6%) | 3,074 (2.4%) | 18 (0.4%) | 1 (0.0%) | 19 (0.4%) |
| Organic chemistry | 1,124 (0.9%) | 1,924 (1.5%) | 3,048 (2.3%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Organic macromolecular compounds | 1,370 (1.1%) | 1,371 (1.1%) | 2,741 (2.1%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Dyes, Petroleum | 1,522 (1.2%) | 1,016 (0.8%) | 2,538 (2.0%) | 7 (0.1%) | 1 (0.0%) | 8 (0.2%) |
| Biochemistry | 1,786 (1.4%) | 347 (0.3%) | 2,133 (1.6%) | 7 (0.1%) | 1 (0.0%) | 8 (0.2%) |
| Metallurgy | 2,084 (1.6%) | 908 (0.7%) | 2,992 (2.3%) | 10 (0.2%) | 1 (0.0%) | 11 (0.2%) |
| Textiles or flexible materials | 1,557 (1.2%) | 380 (0.3%) | 1,937 (1.5%) | 62 (1.3%) | 11 (0.2%) | 73 (1.5%) |
| Paper | 156 (0.1%) | 67 (0.1%) | 223 (0.2%) | 6 (0.1%) | 0 (0.0%) | 6 (0.1%) |
| Building | 5,292 (4.1%) | 257 (0.2%) | 5,549 (4.3%) | 444 (9.0%) | 7 (0.1%) | 451 (9.1%) |
| Earth or rock drilling, Mining | 288 (0.2%) | 43 (0.0%) | 331 (0.3%) | 4 (0.1%) | 0 (0.0%) | 4 (0.1%) |
| Engines of pumps | 2,242 (1.7%) | 824 (0.6%) | 3,066 (2.4%) | 55 (1.1%) | 2 (0.0%) | 57 (1.2%) |
| Engineering in general | 1,995 (1.5%) | 812 (0.6%) | 2,807 (2.2%) | 92 (1.9%) | 10 (0.2%) | 102 (2.1%) |
| Lighting, Heating | 4,135 (3.2%) | 488 (0.4%) | 4,623 (3.6%) | 309 (6.2%) | 20 (0.4%) | 329 (6.6%) |
| Weapons, Blasting | 332 (0.3%) | 34 (0.0%) | 366 (0.3%) | 10 (0.2%) | 2 (0.0%) | 12 (0.2%) |
| Instruments | 7,344 (5.7%) | 2,571 (2.0%) | 9,915 (7.6%) | 142 (2.9%) | 16 (0.3%) | 158 (3.2%) |
| Horology, Computing | 8,362 (6.4%) | 2,272 (1.8%) | 10,634 (8.2%) | 89 (1.8%) | 26 (0.5%) | 115 (2.3%) |
| Educating, Information storage | 1,953 (1.5%) | 863 (0.7%) | 2,816 (2.2%) | 99 (2.0%) | 2 (0.0%) | 101 (2.0%) |
| Nucleonics | 320 (0.2%) | 30 (0.0%) | 350 (0.3%) | 9 (0.2%) | 0 (0.0%) | 9 (0.2%) |
| Electric elements, Electric techniques | 11,727 (9.0%) | 5,916 (4.6%) | 17,643 (13.6%) | 305 (6.2%) | 46 (0.9%) | 351 (7.1%) |
| Electric circuitry, Electriccommunicationtechnique | 9,416 (7.3%) | 4,590 (3.5%) | 14,006 (10.8%) | 96 (1.9%) | 12 (0.2%) | 108 (2.2%) |
| Others | 110 (0.1%) | 22 (0.0%) | 132 (0.1%) | 4 (0.1%) | 1 (0.0%) | 5 (0.1%) |
| Total | 97,294 (75.0%) | 32,492 (25.0%) | 129,786 (100.0%) | 4,682 (94.5%) | 273 (5.5%) | 4,955 (100.0%) |

Note: Figures for 2014 are preliminary.

Patent registrations in biotechnology

(unit: cases, %)

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|--------------|
| | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio |
| Domestic | 1,391 | 79.3 | 2,207 | 82.7 | 2,757 | 74.4 | 3,294 | 76.9 | 3,604 | 79.6 |
| Foreign | 364 | 20.7 | 462 | 17.3 | 951 | 25.6 | 989 | 23.1 | 926 | 20.4 |
| Total | 1,755 | 100.0 | 2,669 | 100.0 | 3,708 | 100.0 | 4,283 | 100.0 | 4,530 | 100.0 |

Note1: Figures for 2014 are preliminary.

Note2: 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

(unit: cases, %)

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|--------------|
| | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio | Cases | Ratio |
| Domestic | 1,040 | 87.4 | 1,579 | 91.4 | 1,959 | 89.0 | 1,860 | 91.0 | 2,087 | 92.8 |
| Foreign | 150 | 12.6 | 148 | 8.6 | 243 | 11.0 | 185 | 9.0 | 162 | 7.2 |
| Total | 1,190 | 100.0 | 1,727 | 100.0 | 2,202 | 100.0 | 2,045 | 100.0 | 2,249 | 100.0 |

Note1: Figures for 2014 are preliminary.

Note2: Based on the Eighth Edition of the International Patent Classification.

Registrations by residents of foreign counties in 2014

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarks | International Trademarks | Total |
|---------------------------|---------|----------------|---------------|---------------|--------------------------|---------------|
| Japan | 13,499 | 19 | 1,513 (1,567) | 2,355 (3,925) | 892 (1,852) | 18,278 |
| United States of America | 8,804 | 25 | 1,078 (1,563) | 3,795 (5,872) | 1,601 (2,540) | 15,303 |
| Germany | 2,767 | 7 | 263 (320) | 257 (506) | 1,136 (2,801) | 4,430 |
| China | 810 | 30 | 94 (98) | 945 (1,294) | 750 (1,103) | 2,629 |
| France | 1,476 | 9 | 122 (139) | 322 (468) | 654 (1,350) | 2,583 |
| Switzerland | 869 | 3 | 163 (164) | 313 (418) | 738 (1,612) | 2,086 |
| United Kingdom | 445 | 1 | 112 (132) | 550 (1,037) | 429 (1,029) | 1,537 |
| Taiwan, Province of China | 689 | 169 | 54 (54) | 380 (487) | - (-) | 1,292 |
| Italy | 264 | - | 108 (136) | 202 (300) | 565 (1,082) | 1,139 |
| Netherlands | 610 | - | 162 (190) | 106 (146) | 184 (365) | 1,062 |
| Sweden | 338 | 1 | 172 (215) | 47 (80) | 153 (369) | 711 |
| Canada | 316 | - | 10 (10) | 158 (251) | 10 (15) | 494 |
| Finland | 226 | - | 45 (45) | 33 (95) | 59 (216) | 363 |
| Belgium | 208 | - | 46 (46) | 16 (37) | 79 (134) | 349 |
| Australia | 79 | 1 | 20 (20) | 78 (124) | 146 (330) | 324 |
| Spain | 52 | - | 4 (4) | 59 (83) | 186 (308) | 301 |
| Singapore | 97 | - | 11 (11) | 114 (180) | 53 (86) | 275 |
| Austria | 141 | 2 | 9 (9) | 13 (24) | 102 (218) | 267 |
| Denmark | 107 | - | 28 (28) | 18 (35) | 101 (209) | 254 |
| Israel | 114 | - | 7 (7) | 28 (38) | 37 (64) | 186 |
| Luxembourg | 63 | - | 4 (4) | 57 (92) | 59 (168) | 183 |
| Ireland | 55 | - | 3 (3) | 69 (88) | 46 (65) | 173 |
| Norway | 56 | - | 8 (15) | 12 (17) | 48 (114) | 124 |
| Virgin Islands (British) | 18 | - | - (-) | 77 (135) | 17 (44) | 112 |
| Turkey | 13 | - | - (-) | 13 (26) | 74 (128) | 100 |
| Mexico | 34 | - | - (-) | 57 (91) | 5 (6) | 96 |
| India | 63 | 1 | 4 (4) | 22 (28) | 3 (3) | 93 |
| Russian Federation | 19 | 2 | - (-) | 4 (4) | 66 (145) | 91 |
| Bermuda | 22 | - | 41 (104) | 21 (32) | 6 (14) | 90 |
| New Zealand | 26 | - | 2 (2) | 36 (64) | 23 (38) | 87 |
| Thailand | 2 | - | 12 (12) | 65 (83) | 3 (3) | 82 |
| Brazil | 23 | - | 12 (12) | 41 (82) | - (-) | 76 |
| Malaysia | 12 | - | 3 (3) | 47 (53) | 1 (1) | 63 |
| Cayman Islands | 32 | - | - (-) | 29 (89) | - (-) | 61 |
| Hong Kong (SAR, China) | 3 | - | 20 (20) | 36 (59) | - (-) | 59 |

Statistical Data

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|----------------------|---------|----------------|---------|-------------|--------------------------|-------|
| Viet Nam | 6 | - | 3 (3) | 9 (10) | 34 (45) | 52 |
| Liechtenstein | 7 | - | 7 (7) | 4 (8) | 23 (68) | 41 |
| Cyprus | 2 | - | 2 (2) | 4 (7) | 29 (188) | 37 |
| Poland | 6 | 1 | 1 (1) | 11 (11) | 18 (27) | 37 |
| Portugal | 5 | - | - (-) | 10 (13) | 17 (23) | 32 |
| South Africa | 17 | - | 3 (3) | 12 (29) | - (-) | 32 |
| Philippines | 1 | - | - (-) | 13 (18) | 16 (19) | 30 |
| Indonesia | 2 | - | 2 (2) | 25 (30) | - (-) | 29 |
| Malta | 5 | - | - (-) | 6 (13) | 17 (62) | 28 |
| Czech Republic | 6 | 1 | - (-) | - (-) | 20 (38) | 27 |
| Bulgaria | 1 | - | - (-) | 2 (6) | 23 (57) | 26 |
| Chile | 3 | - | - (-) | 23 (25) | - (-) | 26 |
| Barbados | 20 | - | 3 (3) | - (-) | 2 (2) | 25 |
| Monaco | - | - | - (-) | 16 (21) | 5 (20) | 21 |
| Bahamas | 6 | - | - (-) | 13 (30) | 1 (4) | 20 |
| Mauritius | - | - | - (-) | 16 (28) | 2 (3) | 18 |
| Ukraine | 2 | - | - (-) | - (-) | 14 (49) | 16 |
| Hungary | 5 | - | - (-) | 3 (4) | 7 (18) | 15 |
| Iceland | 2 | - | - (-) | - (-) | 12 (28) | 14 |
| United Arab Emirates | - | - | - (-) | 11 (15) | 2 (3) | 13 |
| Cuba | 12 | - | - (-) | - (-) | 1 (1) | 13 |
| Saudi Arabia | 12 | - | - (-) | 1 (1) | - (-) | 13 |
| Argentina | - | - | - (-) | 12 (12) | - (-) | 12 |
| Belize | 1 | - | - (-) | 8 (8) | - (-) | 9 |
| Greece | 4 | - | - (-) | 1 (1) | 4 (7) | 9 |
| Colombia | 1 | - | 1 (1) | 4 (5) | 2 (2) | 8 |
| Jersey(U.K.) | - | - | - (-) | 8 (11) | - (-) | 8 |
| Panama | 3 | - | - (-) | 5 (8) | - (-) | 8 |
| Qatar | - | - | 1 (1) | 7 (22) | - (-) | 8 |
| Puerto Rico | - | - | - (-) | 5 (5) | - (-) | 5 |
| Latvia | 2 | - | - (-) | - (-) | 3 (3) | 5 |
| Romania | - | - | - (-) | - (-) | 5 (7) | 5 |
| Slovakia | 2 | - | - (-) | - (-) | 3 (7) | 5 |
| Samoa | - | - | - (-) | 5 (11) | - (-) | 5 |
| Estonia | - | - | - (-) | - (-) | 4 (7) | 4 |

(unit: cases)

| Classification | Patents | Utility models | Designs | Trademarkss | International Trademarks | Total |
|---|---------|----------------|---------|-------------|--------------------------|-------|
| Republic of Korea | - | - | - (-) | - (-) | 4 (53) | 4 |
| Lithuania | - | - | - (-) | 2 (2) | 2 (2) | 4 |
| Slovenia | 1 | - | - (-) | - (-) | 3 (4) | 4 |
| Belarus | 1 | - | - (-) | - (-) | 2 (5) | 3 |
| Fiji | - | - | - (-) | - (-) | 3 (12) | 3 |
| Jordan | - | - | - (-) | 3 (4) | - (-) | 3 |
| San Marino | - | - | - (-) | - (-) | 3 (5) | 3 |
| Curacao | - | - | - (-) | - (-) | 2 (2) | 2 |
| Croatia | 2 | - | - (-) | - (-) | - (-) | 2 |
| Nigeria | - | - | - (-) | 2 (3) | - (-) | 2 |
| Serbia | 1 | - | - (-) | - (-) | 1 (2) | 2 |
| Seychelles | 1 | - | - (-) | 1 (2) | - (-) | 2 |
| Uzbekistan | - | - | - (-) | 1 (4) | 1 (1) | 2 |
| West Indies | - | - | - (-) | 1 (1) | - (-) | 1 |
| Antigua and Barbuda | - | - | - (-) | 1 (1) | - (-) | 1 |
| Angola | - | - | - (-) | 1 (1) | - (-) | 1 |
| Bangladesh | - | - | - (-) | 1 (1) | - (-) | 1 |
| Brunei Darussalam | - | 1 | - (-) | - (-) | - (-) | 1 |
| Egypt | - | - | - (-) | - (-) | 1 (1) | 1 |
| Guatemala | - | - | - (-) | 1 (2) | - (-) | 1 |
| Guyana | - | - | - (-) | 1 (1) | - (-) | 1 |
| Jamaica | - | - | - (-) | 1 (1) | - (-) | 1 |
| Cambodia | - | - | - (-) | 1 (1) | - (-) | 1 |
| Kazakhstan | - | - | - (-) | - (-) | 1 (2) | 1 |
| Lebanon | - | - | - (-) | 1 (1) | - (-) | 1 |
| Sri Lanka | - | - | - (-) | 1 (1) | - (-) | 1 |
| The former Yugoslav Republic of Macedonia | - | - | - (-) | - (-) | 1 (1) | 1 |
| Myanmar | - | - | - (-) | 1 (1) | - (-) | 1 |
| Macao | - | - | - (-) | - (-) | 1 (4) | 1 |
| Peru | - | - | 1 (1) | - (-) | - (-) | 1 |
| Syrian Arab Republic | - | - | - (-) | 1 (2) | - (-) | 1 |
| Trinidad and Tobago | 1 | - | - (-) | - (-) | - (-) | 1 |

Note: Figures for 2014 are preliminary.

Trials and appeals

Trials and appeals requested

(unit: cases)

| | IPR type | 2010 | 2011 | 2012 | 2013 | 2014 |
|--|----------------|-----------------|-----------------|-----------------|----------------|----------------------|
| Rejection | Patents | 8,098 | 8,421 | 8,887 | 7,019 | 6,123 |
| | Utility models | 286 | 245 | 190 | 147 | 116 |
| | Designs | 212 (214) | 135 (136) | 141 (141) | 124 (135) | 154 (156) |
| | Trademarks | 1,676 (2,573) | 1,977 (2,949) | 1,854 (2,899) | 1,907 (2,776) | 1,816 (2,656) |
| | Subtotal | 10,272 (11,171) | 10,778 (11,751) | 11,072 (12,117) | 9,197 (10,077) | 8,209 (9,051) |
| Appeals against examiner's decision to dismiss amendment | Patents | 2 | 2 | 3 | 1 | 0 |
| | Utility models | - | - | - | - | 0 |
| | Designs | - (-) | 3 (3) | 4 (4) | 12 (12) | 11 (11) |
| | Trademarks | - (-) | 2 (2) | 1 (1) | 4 (8) | 1 (1) |
| | Subtotal | 2 (2) | 7 (7) | 8 (8) | 17 (21) | 12 (12) |
| Appeals against examiner's decision of cancellation | Patents | 5 | 1 | - | 1 | 0 |
| | Utility models | 16 | 8 | 9 | 2 | 1 |
| | Designs | 5 (5) | 2 (2) | 10 (10) | 2 (1) | 4 (4) |
| | Trademarks | - (-) | - (-) | - (-) | - (-) | 0 (0) |
| | Subtotal | 26 (26) | 11 (11) | 19 (19) | 5 (5) | 5 (5) |
| Trials for correction | Patents | 95 | 111 | 131 | 142 | 140 |
| | Utility models | 5 | 7 | 9 | 6 | 6 |
| | Designs | - (-) | - (-) | - (-) | - (-) | 0 |
| | Trademarks | - (-) | - (-) | - (-) | - (-) | 0 |
| | Subtotal | 100 (100) | 118 (118) | 140 (140) | 148 (148) | 146 (146) |
| Invalidation | Patents | 651 | 722 | 664 | 573 | 687 |
| | Utility models | 120 | 121 | 101 | 96 | 64 |
| | Designs | 265 (265) | 179 (179) | 260 (267) | 191 (201) | 254 (255) |
| | Trademarks | 390 (466) | 411 (502) | 423 (493) | 443 (544) | 467 (550) |
| | Subtotal | 1,426 (1,502) | 1,433 (1,524) | 1,448 (1,525) | 1,303 (1,414) | 1,472 (1,556) |

(unit: cases)

| | IPR type | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|----------------|-----------------|-----------------|-----------------|-----------------|------------------------|
| Trials to confirm scope of IP right | Patents | 418 | 405 | 354 | 375 | 385 |
| | Utility models | 132 | 92 | 93 | 84 | 64 |
| | Designs | 207 (207) | 119 (119) | 154 (155) | 125 (126) | 149 (149) |
| | Trademarks | 107 (124) | 89 (109) | 80 (122) | 83 (186) | 90 (119) |
| | Subtotal | 864 (881) | 705 (725) | 681 (724) | 667 (771) | 688 (717) |
| Cancellation trials on trademark registration | Patents | 1 | 2 | - | - | 0 |
| | Utility models | - | - | - | 1 | 0 |
| | Designs | - (-) | - (-) | - (-) | - (-) | 0 (0) |
| | Trademarks | 1,181 (1,505) | 1,376 (1,745) | 1,379 (1,686) | 1,676 (2,069) | 1,449 (1,826) |
| | Subtotal | 1,182 (1,506) | 1,378 (1,747) | 1,379 (1,686) | 1,677 (2,070) | 1,449 (1,826) |
| Grand total | Patents | 9,270 | 9,664 | 10,039 | 8,111 | 7,335 |
| | Utility models | 559 | 473 | 402 | 336 | 251 |
| | Designs | 689 (691) | 438 (439) | 569 (577) | 454 (476) | 572 (575) |
| | Trademarks | 3,354 (4,668) | 3,855 (5,307) | 3,737 (5,201) | 4,113 (5,583) | 3,823 (5,152) |
| | Grand total | 13,872 (15,188) | 14,430 (15,883) | 14,747 (16,219) | 13,014 (14,506) | 11,981 (13,313) |

Note1: Figures for 2014 are preliminary.

Note2: Figures in parentheses include multiple applications.

· Ex partes: Appeals against examiners' decisions of refusal / Appeals against examiners' decisions of cancellation / Appeals against examiners' decisions to dismiss amendments / Trials for correction

· Inter partes: Invalidation trials / Trials to confirm scope of IP rights / Trials for invalidation of correction / Trials for granting non-exclusive licenses / Trials for invalidation of registrations for extension of patent right term / Trials for invalidation of registration for renewals of trademark right term / Cancellation trials on trademark registrations / Cancellation trials on registrations of exclusive or non-exclusive licenses / Trials for invalidation on registrations for conversion of classification of goods

* Rejection refers to appeals against examiners' decisions of refusal and appeals against examiners' decisions to dismiss utility models.

** Invalidation refers to invalidation trials and trials for invalidation of corrections.

Successful petitions

(unit: cases, %)

| Category | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|--------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|--------------------------------|------------------------------|
| | | Acceptance | Ratio | Acceptance | Ratio | Acceptance | Ratio | Acceptance | Ratio | Acceptance | Ratio |
| Ex partes | Patents | 1,100 | 28.0 | 1,248 | 28.8 | 1,473 | 33.3 | 1,394 | 32.1 | 1,190 | 27.8 |
| | Utility models | 58 | 22.7 | 74 | 27.8 | 61 | 30.2 | 65 | 38.7 | 29 | 25.0 |
| | Designs | 59 (59) | 38.1 (37.3) | 74 (74) | 39.8 (39.8) | 50 (50) | 37.3 (37.0) | 37 (37) | 30.6 (30.6) | 66 (77) | 42.0 (45.8) |
| | Trademarks | 1,008 (1,642) | 62.3 (65.2) | 1,144 (1,894) | 55.3 (61.0) | 1,025 (1,652) | 53.1 (56.6) | 1,062 (1,825) | 52.9 (58.1) | 864 (1,321) | 49.3 (53.4) |
| | Subtotal | 2,225 (2,859) | 37.4 (41.7) | 2,540 (3,290) | 37.1 (41.7) | 2,609 (3,236) | 39.0 (42.2) | 2,558 (3,321) | 38.6 (42.8) | 2,149 (2,617) | 34.0 (37.1) |
| Inter partes | Patents | 500 | 47.9 | 552 | 48.5 | 576 | 49.5 | 463 | 45.6 | 457 | 50.7 |
| | Utility models | 130 | 53.1 | 142 | 51.3 | 105 | 47.3 | 95 | 47.0 | 52 | 38.8 |
| | Designs | 248 (248) | 53.1 (53.0) | 233 (233) | 53.8 (53.8) | 173 (174) | 48.7 (48.9) | 160 (176) | 46.5 (48.9) | 167 (169) | 51.1 (51.4) |
| | Trademarks | 894 (1,143) | 57.1 (56.9) | 1,180 (1,402) | 63.1 (61.6) | 1,194 (1,376) | 61.6 (59.6) | 1,321 (1,579) | 66.1 (66.3) | 1,218 (1,490) | 65.1 (66.3) |
| | Subtotal | 1,772 (2,021) | 53.4 (53.7) | 2,107 (2,329) | 56.7 (56.5) | 2,048 (2,231) | 55.7 (55.1) | 2,039 (2,313) | 57.3 (58.4) | 1,894 (2,168) | 58.6 (60.0) |
| Grand total | Patents | 1,600 | 32.2 | 1,800 | 32.9 | 2,049 | 36.7 | 1,857 | 34.7 | 1,647 | 31.7 |
| | Utility models | 188 | 37.6 | 216 | 39.8 | 166 | 39.2 | 160 | 43.2 | 81 | 32.4 |
| | Designs | 307 (307) | 49.4 (49.0) | 307 (307) | 49.6 (49.6) | 223 (224) | 45.6 (45.6) | 197 (213) | 42.4 (44.3) | 233 (246) | 48.1 (49.5) |
| | Trademarks | 1,902 (2,785) | 59.8 (61.5) | 2,324 (3,296) | 59.0 (61.3) | 2,219 (3,028) | 57.4 (57.9) | 2,383 (3,404) | 59.5 (61.6) | 2,082 (2,811) | 57.4 (59.5) |
| | Grand total | 3,997 (4,880) | 43.1 (45.9) | 4,647 (5,619) | 44.0 (46.8) | 4,657 (5,467) | 44.9 (46.6) | 4,597 (5,634) | 45.1 (48.0) | 4,043 (4,785) | 42.3 (44.9) |

Note1: Figures for 2014 are preliminary.

Note2: Figures in parentheses include multiple applications.

Note3: 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.

- Ex partes: Appeals against examiners' decisions of refusal / Appeals against examiners' decisions of cancellation / Appeals against examiners' decisions to dismiss amendments / Trials for correction

- Inter partes: Invalidation trials / Trials to confirm scope of IP rights / Trials for invalidation of correction / Trials for granting non-exclusive licenses / Trials for invalidation of registrations for extension of patent right term / Trials for invalidation of registration for renewals of trademark right term / Cancellation trials on trademark registrations / Cancellation trials on registrations of exclusive or non-exclusive licenses / Trials for invalidation on registrations for conversion of classification of goods

Comparison of domestic and foreign trial requests

(unit: cases)

| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | |
|----------------|----------|---------|----------|---------|----------|---------|----------|---------|--------------|--------------|
| | Domestic | Foreign | Domestic | Foreign | Domestic | Foreign | Domestic | Foreign | Domestic | Foreign |
| Patents | 5,747 | 3,523 | 5,813 | 3,851 | 4,848 | 5,191 | 4,098 | 4,013 | 3,814 | 3,521 |
| Utility models | 543 | 16 | 468 | 5 | 396 | 6 | 329 | 7 | 244 | 7 |
| Designs | 649 | 42 | 374 | 65 | 515 | 62 | 419 | 57 | 514 | 61 |
| Trademarks | 2,689 | 1,979 | 3,080 | 2,227 | 2,528 | 2,673 | 2,957 | 2,626 | 2,869 | 2,283 |
| Total | 9,628 | 5,560 | 9,735 | 6,148 | 8,287 | 7,932 | 7,803 | 6,703 | 7,441 | 5,872 |

Note1: Figures for 2014 are preliminary.

Note2: Multiple applications for trademarks and designs are treated as single applications.

Income and expenditures / KIPO staff

Income (unit: US dollar)

| | 2010 | 2011 | 2012 | 2013 | 2014 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Income from fees | 281,580,909 | 315,743,636 | 345,367,273 | 375,804,545 | 394,844,545 |
| Income carried over from the previous year | 12,490,909 | 31,044,545 | 34,099,091 | 28,054,545 | 33,515,455 |
| Internal income and others | 39,463,636 | 5,895,455 | 8,350,000 | 15,750,000 | 15,640,000 |
| Total | 333,535,455 | 352,683,636 | 387,816,364 | 419,609,091 | 444,000,000 |

Exchange rates: US \$1 = 1,100 (in Korean won)

Expenditures (unit: US dollar)

| | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Non-personnel resources (projects) | 186,061,818 | 207,110,000 | 228,000,909 | 236,025,455 | 263,656,364 |
| Personnel resources | 77,915,455 | 87,794,545 | 95,822,727 | 100,612,727 | 102,949,091 |
| Deposit for special fund | 40,909,091 | 27,272,727 | 41,818,182 | 52,727,273 | 48,370,000 |
| Total | 304,886,364 | 322,177,273 | 365,641,818 | 389,365,455 | 414,975,455 |

Exchange rates: US \$1 = 1,100 (in Korean won)

KIPO staff (unit: number of positions)

| | | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|
| Examiners | Patent and utility models | 712 | 711 | 726 | 732 | 733 |
| | Industrial designs and Trademarks | 131 | 154 | 162 | 160 | 160 |
| Trial judges | | 99 | 99 | 99 | 99 | 101 |
| Administrative staff | | 606 | 612 | 592 | 577 | 593 |
| Total | | 1,548 | 1,576 | 1,579 | 1,568 | 1,587 |

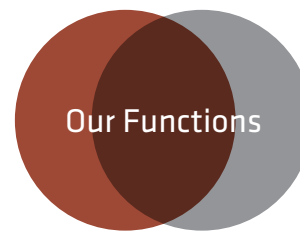
Advanced degrees/special certificates possessed by KIPO staff at the time of their hiring (unit: number of positions)

| | | Ph. D's | Master's Degrees | Patent attorney certificate only | Lawyer certificate only | Professional Engineer certificate only |
|-----------|---------------------------|------------|------------------|----------------------------------|-------------------------|--|
| Examiners | Patent and utility models | 306 | 15 | 24 | 0 | 21 |
| | Trademark | 5 | 0 | 7 | 3 | 0 |
| | Industrial designs | 6 | 1 | 2 | 1 | 0 |
| | Total | 317 | 16 | 33 | 4 | 21 |

About KIPO



The Korean Intellectual Property Office is the governmental authority in charge of affairs regarding patents, utility models, industrial designs, and trademarks. It was established in 1949 as an external bureau of the Ministry of Commerce and Industry under the name of Patent Bureau. In 1977, the Patent Bureau became an independent office of the Ministry of Commerce and Industry and took the name of Korean Industrial Property Office. In 2000, it was renamed the Korean Intellectual Property Office (KIPO).



The main functions of KIPO include: the examination and registration of intellectual property rights; the conducting of trials on intellectual property disputes; the management and dissemination of information on intellectual property rights; the promotion and enhancement of public awareness of invention activities; and the advancement of international cooperation and the training of experts on intellectual property rights.



In response to the competitive global environment where intellectual property is becoming increasingly valuable, we aim to advance Korea and its position in the world through innovative intellectual property.



We support technological innovation and industrial development by promoting the creation, protection, and utilization of intellectual property. We strive to provide world-class intellectual property services; to promote the economic and industrial use of intellectual property; and to create an environment respectful of the intellectual property system.