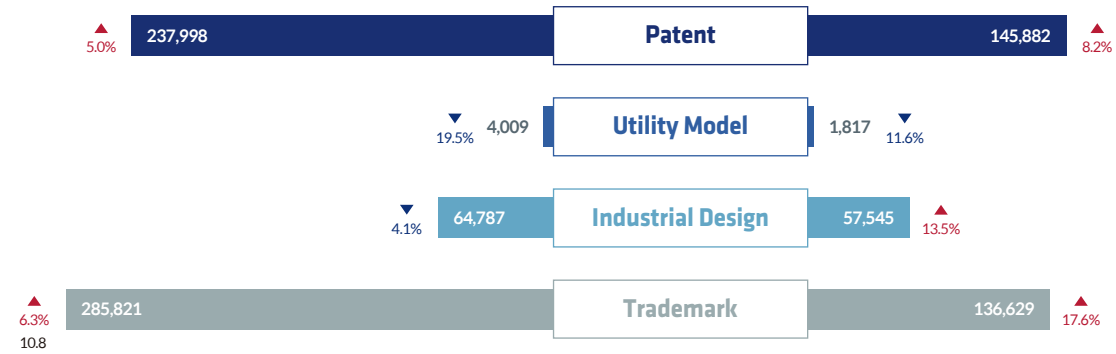


2021 IP Trends

Overview of Key Data in 2021

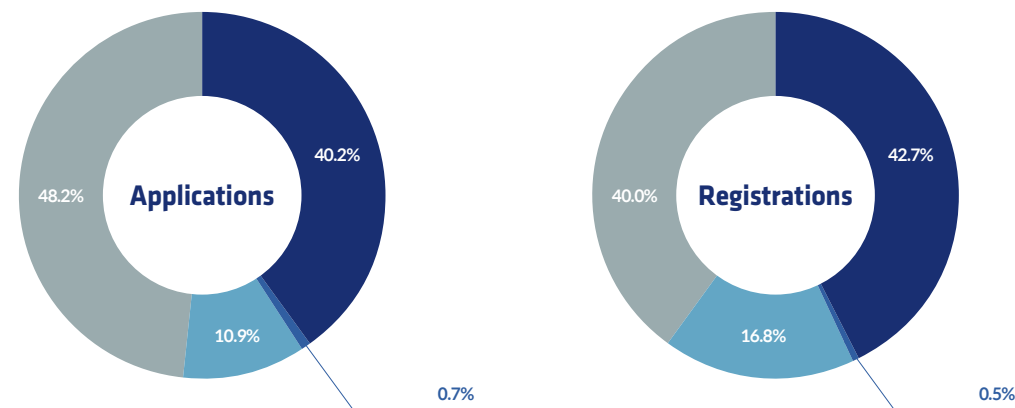
Domestic IPR Applications

(unit: cases)



Ratio by IPRs

- Patent
- Utility Model
- Industrial Design
- Trademark

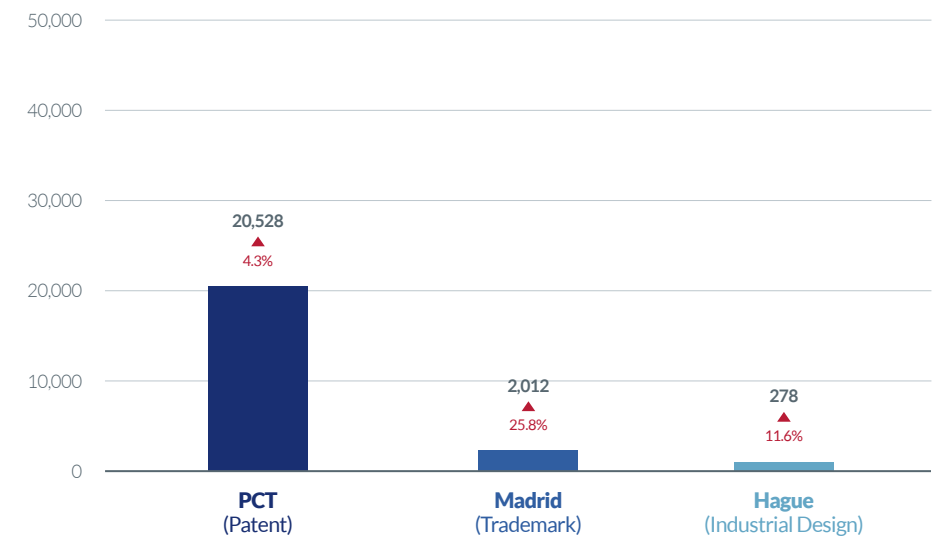


International IPR Applications

• KIPO as the Receiving Office (International Phase)

(unit: cases)

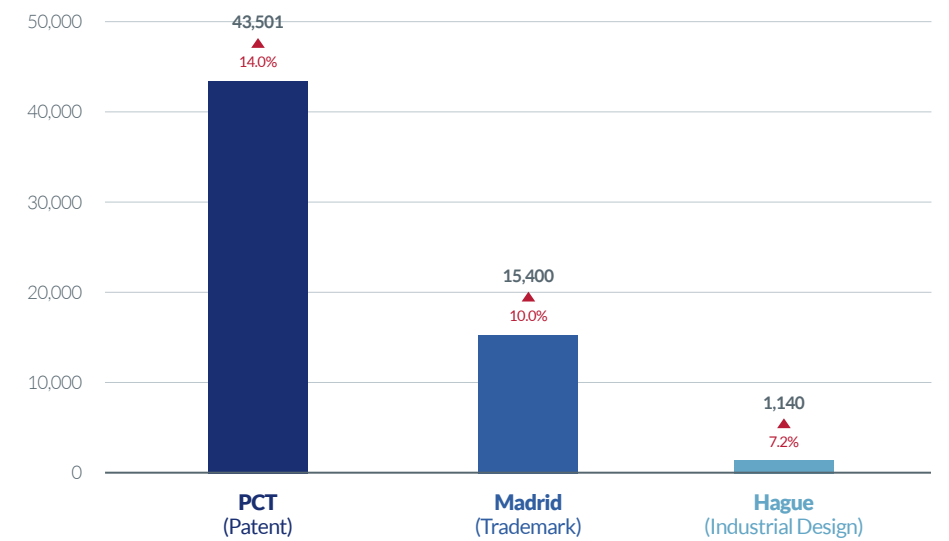
22,818 ▲ 6.0%



• KIPO as the Designated Office (National Phase)

(unit: cases)

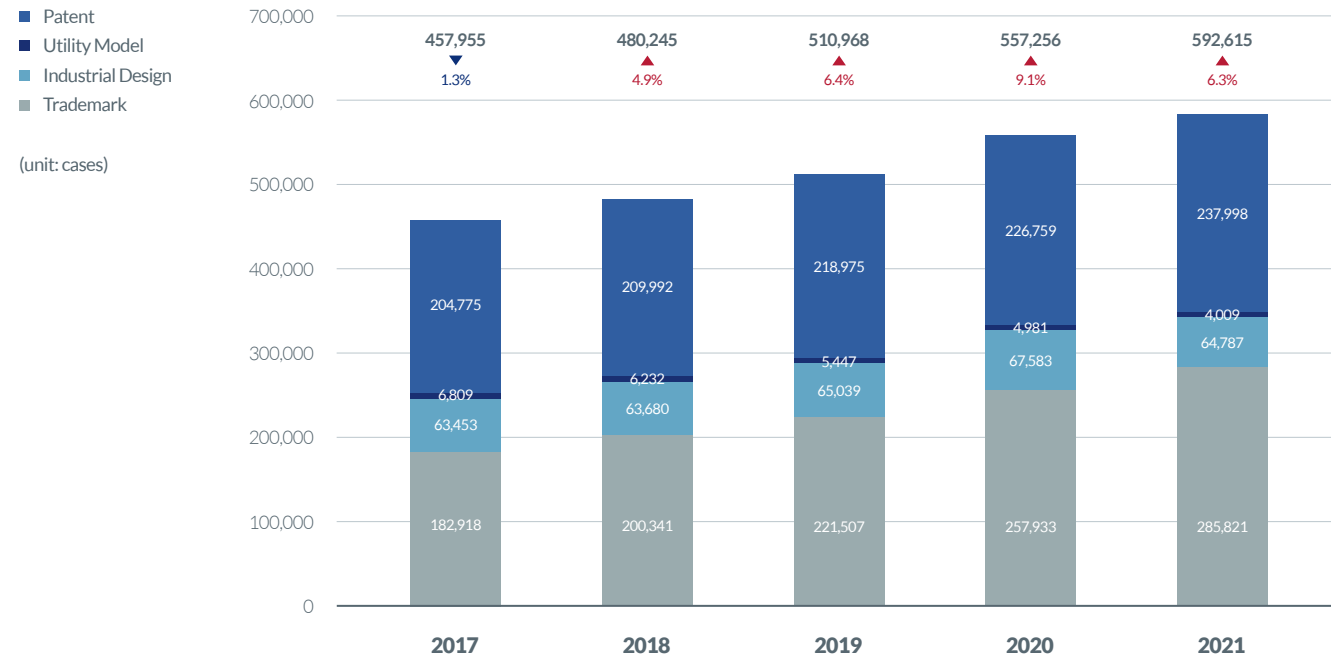
60,041 ▲ 12.5%



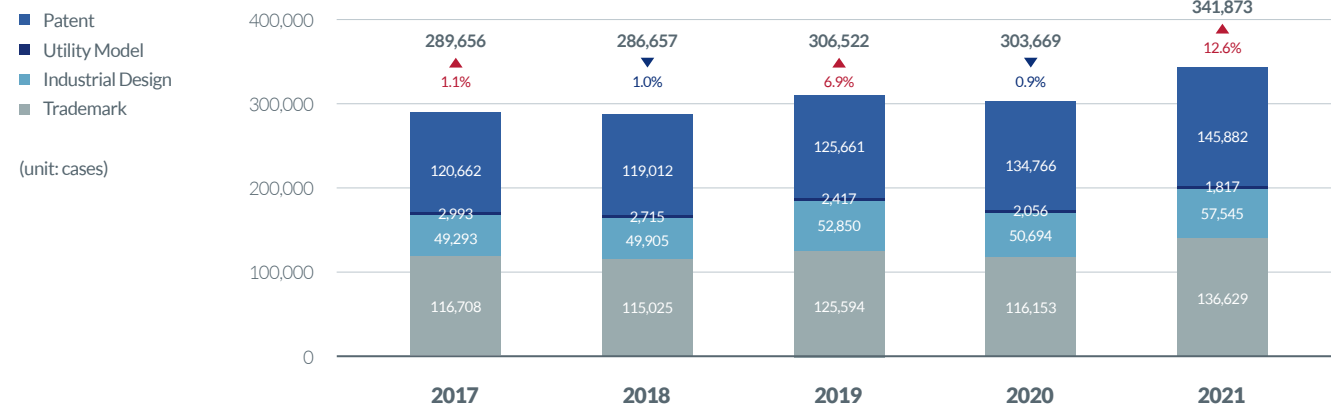
IPR Applications and Registrations by Year

IPR Applications

*Including PCT, Madrid, Hague international applications

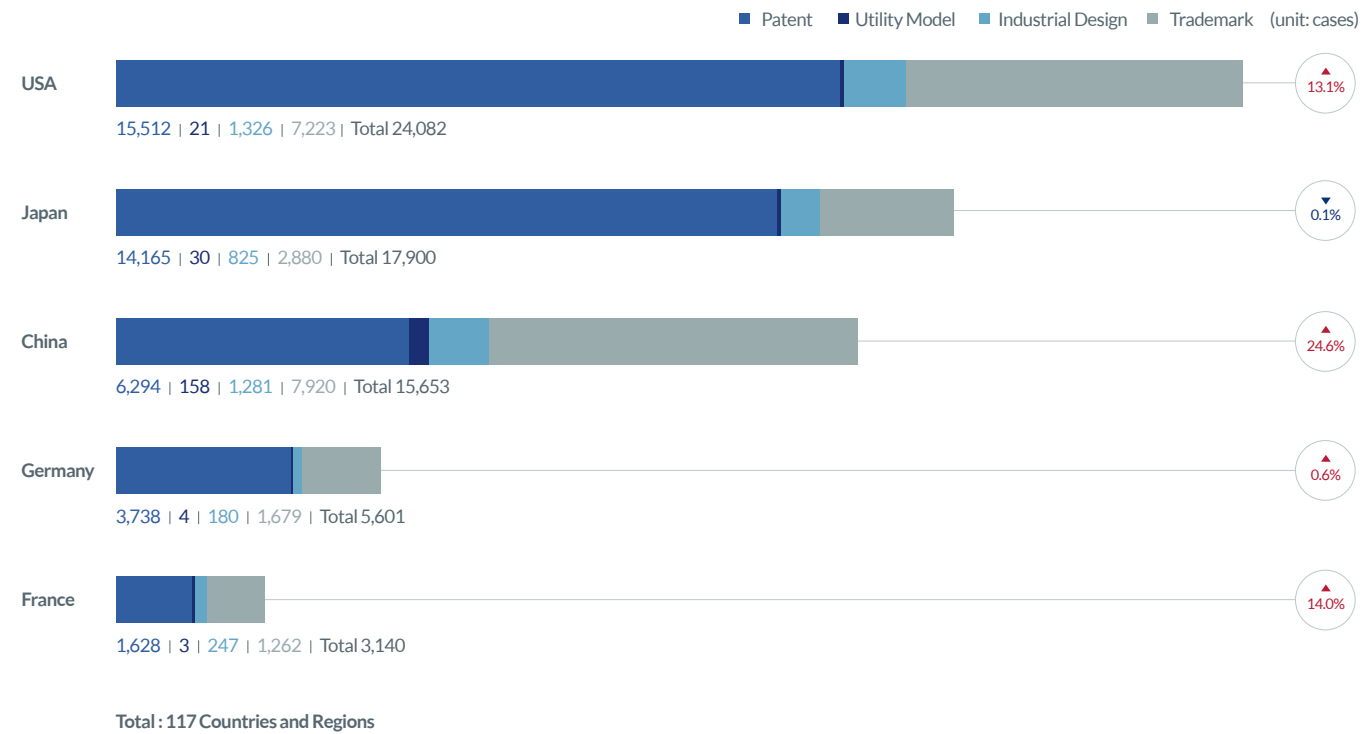
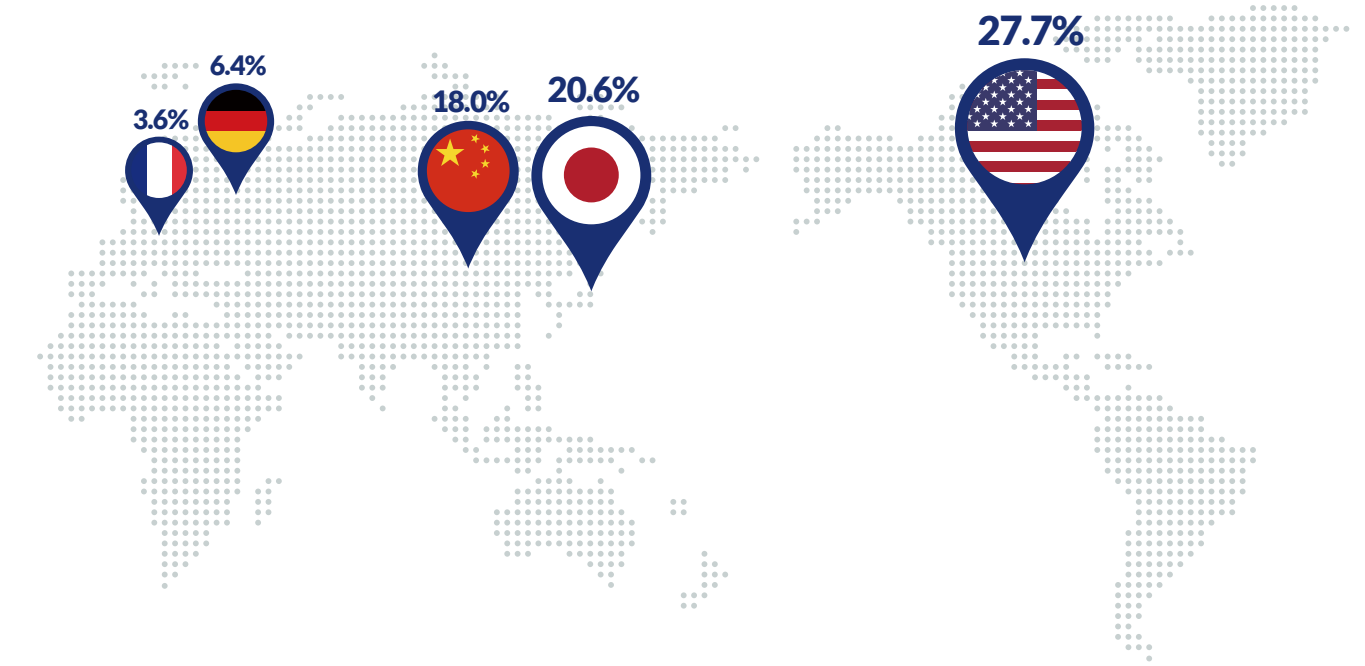


IPR Registrations



Non-resident IPR Applications filed at KIPO

Top 5 Countries/Regions



Top IPR Filing Domestic & Foreign Companies

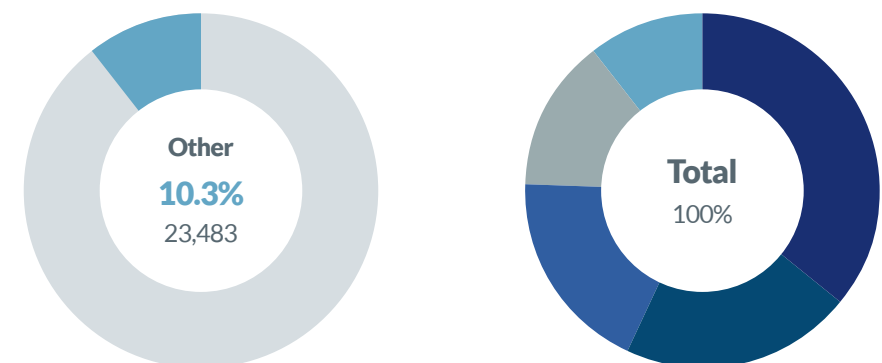
Patent	1st.	2nd.	3rd.	4th.	5th.
Domestic	 9,857 7,742 ▲32.5%	 4,008 5,345 ▼25.0%	 2,975 3,000 ▼0.8%	 2,605 -	 2,600 2,957 ▼12.1%
Foreign	 687 623 ▲10.3%	 644 527 ▲22.2%	 623 397 ▲56.9%	 601 505 ▲19.0%	 546 603 ▼9.5%
Industrial Design	1st.	2nd.	3rd.	4th.	5th.
Domestic	 1,129 1,129 ▼46.5%	 573 684 ▼16.2%	 407 289 ▲40.8%	 403 788 ▼48.9%	 223 193 ▲15.5%
Foreign	 193 197 ▼2.0%	 72 70 ▲2.9%	 67 8 ▲738%	 67 140 ▼52.1%	 52 33 ▲57.6%
Trademark	1st.	2nd.	3rd.	4th.	5th.
Domestic	 1,869 191 ▲879%	 905 829 ▲9.2%	 450 767 ▼41.3%	 449 142 ▲216%	 446 1,043 ▼57.2%
Foreign	 129 175 ▼26.3%	 96 44 ▲118%	 83 56 ▲48.2%	 64 80 ▼20.0%	 63 63 -

■ 2021 ■ 2020 | ▲▼ Year-over-year comparison (unit: cases)

Patent Applications by Technology

Top 5 WIPO Technology Fields

(unit: cases)

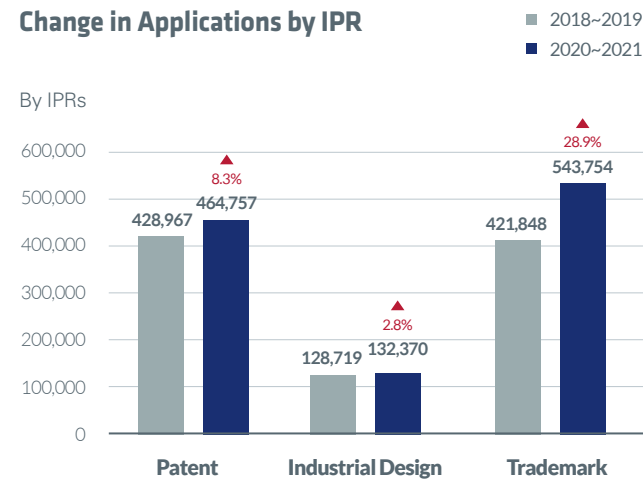


IP Application Trends: Before and After the COVID-19 Outbreak

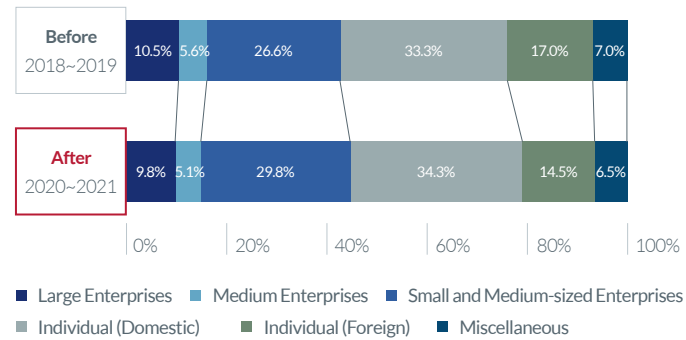
(unit: cases)

*Before: Total number of applications during 2018~19
 *After: Total number of applications during 2020~21

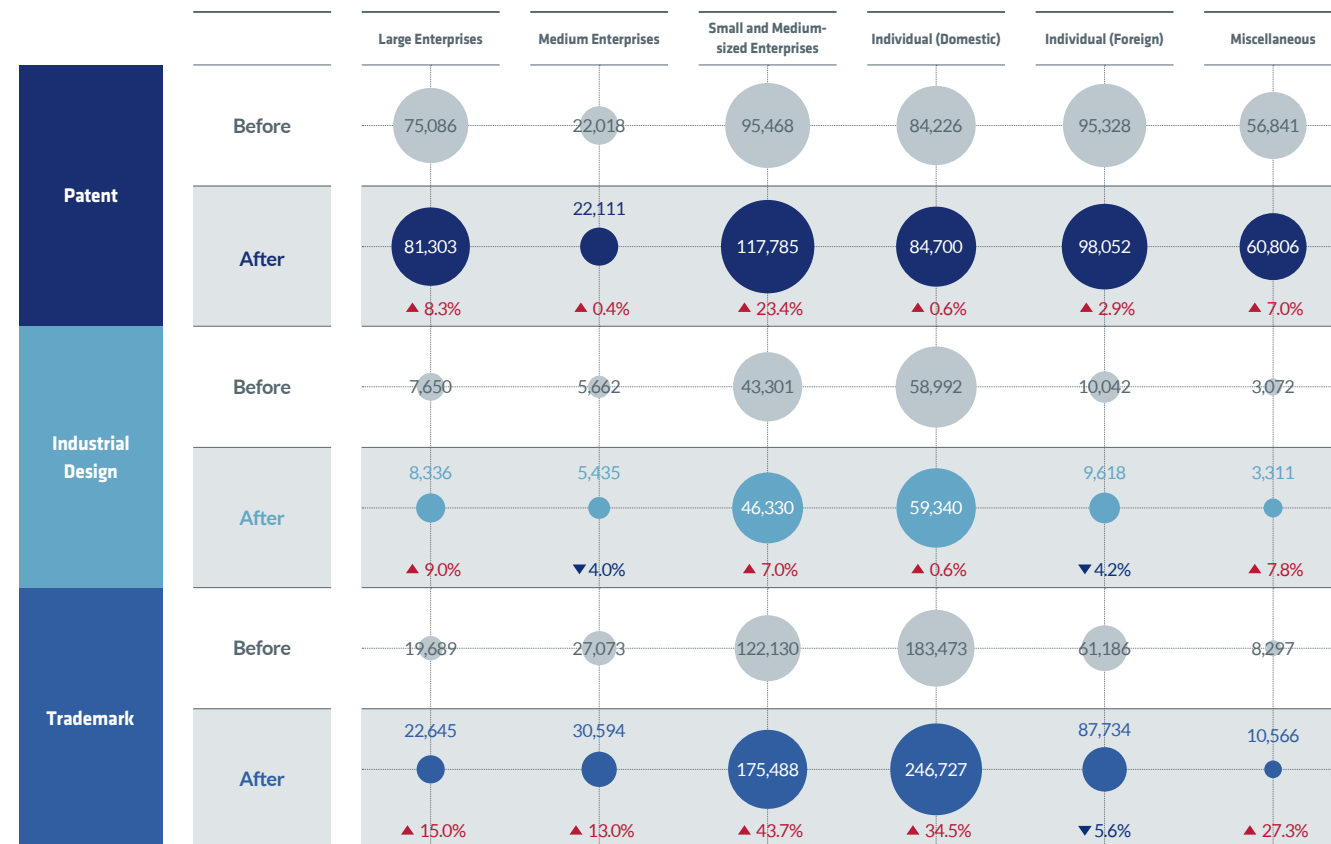
Change in Applications by IPR



Change in Proportion by Applicant Type



Applications by Applicant type for each IPR



*Rate of Change: Comparison of before (2018~19) and after (2020~2021) the COVID-19 outbreak.

Change in Applications by Fields

• Patent - WIPO Technology Classification

	1st.	2nd.	3rd.	4th.	5th.
Before	31,141 Electrical Machinery/Energy	23,789 Computer Technology	22,491 Semiconductor	21,163 IT Methods for Management	20,388 Transport
After	33,970 Electrical Machinery/Energy	29,301 Computer Technology	28,192 IT Methods for Management	24,150 Medical Technology	23,640 Semiconductor
	1st.(-)	2nd.(-)	3rd.(▲ 1)	4th.(▲ 2)	5th.(▼ 2)

• Industrial Design - Locarno Classification

	1st.	2nd.	3rd.	4th.	5th.
Before	10,764 Building / Construction Elements	9,683 Packages and Containers for Transport	9,250 Telecommunication Processing Equipment	9,015 Articles of Clothing	8,467 Furnishing
After	13,091 Articles of Clothing	10,513 Packages and Containers for Transport	10,158 Building / Construction Elements	9,525 Telecommunication Processing Equipment	9,475 Office Equipment/ Artist Materials
	1st.(▲ 3)	2nd.(-)	3rd.(▼ 2)	4th.(▼ 1)	5th.(▲ 3)

• Trademark - Nice Classification

*Excludes Class 35

	1st.	2nd.	3rd.	4th.	5th.
Before	44,462 Cosmetics	43,607 Computer Software	39,184 Restaurants and Food Services	29,074 Education and Sports Services	27,965 Clothing
After	55,582 Computer Software	49,837 Restaurants and Food Services	44,799 Cosmetics	34,634 Clothing	33,474 Education and Sports Services
	1st.(▲ 1)	2nd.(▲ 1)	3rd.(▼ 2)	4th.(▲ 1)	5th.(▼ 1)