

W&B IP Newsletter



October of 2022, Vol. 66

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Patent

CNIPA: Statistics on Patents (January to September 2022)

Statistics of Patents Granted (Domestic and Foreign) (January to September 2022)							
Domestic/Foreign		Inventions		Utility Models		Designs	
		Granted	Percentage	Granted	Percentage	Granted	Percentage
Total	Subtotal	615,019	100%	2,143,441	100%	532,464	100%
	Service	602,516	98.0%	1,954,027	91.2%	347,006	65.2%
	Non-service	12,503	2.0%	189,414	8.8%	185,458	34.8%
Domestic	Subtotal	532,691	86.6%	2,137,152	99.7%	523,436	98.3%
	Service	521,280	97.9%	1,948,041	91.2%	338,473	64.7%
	Non-service	11,411	2.1%	189,111	8.8%	184,963	35.3%
Foreign	Subtotal	82,328	13.4%	6,289	0.3%	9,028	1.7%
	Service	81,236	98.7%	5,986	95.2%	8,533	94.5%
	Non-service	1,092	1.3%	303	4.8%	495	5.5%

Notes:

- The numbers of patents granted in the chart above are all subject to the dates on which the decisions on granting were made.
- In this chart, the classification by domestic/foreign is subject to the origin of the applicant (patentee).

Patent

Statistics of Patents in Validity (Domestic and Foreign) (as of September 2022)							
Unit: application							
Domestic/Foreign		Inventions		Utility Models		Designs	
		In Validity	Percentage	In Validity	Percentage	In Validity	Percentage
Total	Subtotal	4,081,371	100%	10,530,768	100%	2,768,762	100%
	Service	3,969,065	97.2%	9,680,846	91.9%	1,897,797	68.5%
	Non-service	112,306	2.8%	849,922	8.1%	870,965	31.5%
Domestic	Subtotal	3,225,541	79.0%	10,476,752	99.5%	2,644,175	95.5%
	Service	3,123,084	96.8%	9,629,125	91.9%	1,777,744	67.2%
	Non-service	102,457	3.2%	847,627	8.1%	866,431	32.8%
Foreign	Subtotal	855,830	21.0%	54,016	0.5%	124,587	4.5%
	Service	845,981	98.8%	51,721	95.8%	120,053	96.4%
	Non-service	9,849	1.2%	2,295	4.2%	4,534	3.6%

Note: In this chart, statistical data of invention patents in validity is subject to (i) the addresses of the patentees for patents granted on and before December 31, 2020; and (ii) the addresses of the applicants for patents granted on and after January 1, 2021.

Statistics of PCT Applications (September 2022)				
Unit: application				
Domestic/Foreign	Total of September 2022		Aggregated Total of the Year (till September 2022)	
	Applications	Percentage	Applications	Percentage
Total	7,276	100%	53,698	100%
Domestic	6,635	91.2%	49,449	92.1%
Foreign	641	8.8%	4,249	7.9%

(Data Source: China National Intellectual Property Administration)

Trademark

CNIPA: Statistics on Trademarks (January to September 2022)

Trademarks Registered and Trademarks in Validity (Domestic and Foreign) (as of September 2022)				
Unit: per trademark				
Domestic/Foreign	Registered		In Validity	
	Aggregated Total of the Year (till September 2022)	Percentage	Number	Percentage
Total	4,853,481	100%	41,523,025	100%
Domestic	4,713,485	97.1%	39,513,792	95.2%
Foreign	139,996	2.9%	2,009,233	4.8%

Notes:

- The aggregated total of the year calculates from December 16, 2021 to September 15, 2022. Statistics of trademarks in validity ends on September 15, 2022.
- The statistical data is extracted from the database of the China Trademark Office. The date of extraction falls on the last day of the current month.

Statistics of Trademark Oppositions (September 2022)		
Unit: case		
Item	Total of September 2022	Aggregated Total of the Year (till September 2022)
Petitions for Opposition	10,238	118,059
Rulings on Opposition	14,507	126,539

Note:

- The total of September calculates from August 16 to September 15, 2022. The aggregated total of the year calculates from December 16, 2021 to September 15, 2022.

Intellectual Property

Statistics of Trademark Review and Adjudication Cases (September 2022)			
Unit: case			
Item	Type of Case	Total of September 2022	Aggregated Total of the Year (till September 2022)
Applications for Review and Adjudication Cases	Review of rejection	29,650	261,911
	Review of disapproval	472	2,995
	Review of revocation	1,554	11,948
	Announcement of invalidation	6,279	55,880
	Total	37,956	332,766
Rulings on Review and Adjudication Cases	Review of rejection	33,185	286,170
	Review of disapproval	283	2,367
	Review of revocation	1,548	11,290
	Announcement of invalidation	4,142	38,876
	Total	39,172	338,777
Note: 1. The total number of applications for review and adjudication in September 2022 includes 1 case of review on invalidation announcement. The total number of applications for review and adjudication till September of the year includes 32 cases of review on invalidation announcement. 2. The total number of rulings in September 2022 includes 1 case of review on opposition and 13 cases of review on invalidation announcement. The aggregated total of rulings till September of the year includes 11 cases of review on opposition and 63 cases of review on invalidation announcement.			

(Data Source: China National Intellectual Property Administration)

Intellectual Property

Global Innovation Index 2022: Switzerland, the U.S., and Sweden lead the Global Innovation Ranking; China Approaches Top 10; Impact-Driven Innovation Needed in Turbulent Times

According to WIPO's 2022 Global Innovation Index (GII), research and development (R&D) and other investments that drive worldwide innovative activity continued to boom in 2021 despite the COVID-19 pandemic, but challenges are emerging in translating innovation investments into impact.



The GII finds that productivity growth - normally spurred by increased innovation - has in fact stagnated. It also finds that current technological progress and adoption show signs of slowing growth despite the recent flourishing of R&D expenditure and venture capital investments. However, with more careful and attentive nurturing of innovation ecosystems, a new era of innovation-driven growth led by Digital Age and Deep Science innovation waves could take off.

Among the GII's key findings:

The top global corporate R&D spenders increased their R&D expenditure by almost 10 percent to over USD 900 billion in 2021, higher than in 2019 before the pandemic. This increase was primarily driven by four industries: ICT hardware and electrical equipment; Software and ICT services; pharmaceuticals and biotechnology; and construction and industrial metals.

Investments in global R&D in 2020 grew at a rate of 3.3 percent, but slowed from the historically high 6.1 percent R&D growth rate recorded in 2019. Government budget allocations for the top R&D spending economies showed strong growth in 2020. For 2021 government R&D budgets, the picture was more varied, with spending growing in the Republic of Korea and Germany, but falling in the US and Japan.

Venture capital (VC) deals exploded by 46 percent in 2021, recording levels comparable to the internet boom years of the late 1990s. Latin America and the Caribbean and Africa regions witnessing the strongest VC growth. The VC outlook for 2022 is more sober however; tightening monetary policies and the effect on risk capital will lead to a deceleration in VC.

In its annual ranking of the world's economies on innovation capacity and output, the GII shows some key changes in the top 15 of the ranking, with the United States climbing to the 2nd position, the Netherlands reaching the 5th position, Singapore reaching 7th, Germany reaching 8th and China up one place to 11th and on the doorstep of the top 10.

Canada is back among the top 15 global innovators (15th). Türkiye (37th) and India (40th) enter the top 40 for the first time. Beyond these, Viet Nam (48), the Islamic Republic of Iran (53rd) and the Philippines (59th) are the middle-income economies with the fastest innovation performance growth to-date.

Intellectual Property

Global leaders in innovation in 2022

Top three innovation economies by region

Latin America and the Caribbean

1. Chile
2. Brazil ☆
3. Mexico ↓

Sub-Saharan Africa*

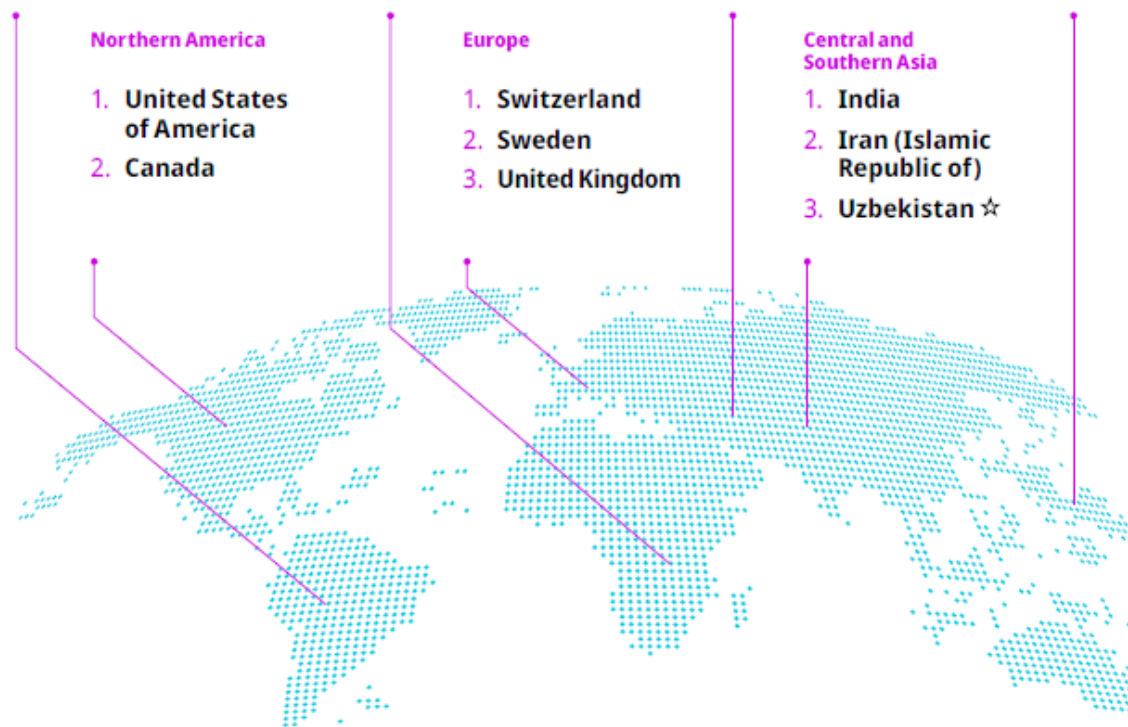
1. South Africa
2. Botswana ☆
3. Kenya ↓

Northern Africa and Western Asia†

1. Israel
2. United Arab Emirates
3. Türkiye

South East Asia, East Asia, and Oceania

1. Republic of Korea
2. Singapore
3. China



Northern America

1. United States of America
2. Canada

Europe

1. Switzerland
2. Sweden
3. United Kingdom

Central and Southern Asia

1. India
2. Iran (Islamic Republic of)
3. Uzbekistan ☆

* Top three in sub-Saharan Africa (SSA) – excluding island economies. The top four in the region comprise Mauritius (1st), South Africa (2nd), Botswana (3rd), and Kenya (4th).

† Top three in Northern Africa and Western Asia (NAWA) – excluding island economies. The top four in the region, including all economies, are as follows: Israel (1st), Cyprus (2nd), United Arab Emirates (3rd) and Türkiye (4th).

☆ indicates a new entrant into the top three in 2022, and

↑↓ Indicates the movement of rank within the top three, relative to 2021.

Top three innovation economies by income group

High-income

1. Switzerland
2. United States of America ↑
3. Sweden ↓

Upper middle-income

1. China
2. Bulgaria
3. Malaysia

Lower middle-income

1. India ↑
2. Viet Nam ↓
3. Iran (Islamic Republic of) ☆

Low-income

1. Rwanda
2. Madagascar ☆
3. Ethiopia ☆

Source: Global Innovation Index Database, WIPO, 2022.

Notes: World Bank Income Group Classification (June 2021). Year-on-year GII rank changes are influenced by performance and methodological considerations; some economy data are incomplete (see Appendix I).

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Region / Rank	Economy	GII 2022 Global Rank
Northern America		
1	United States of America	2
2	Canada	15
Sub-Saharan Africa¹		
1	South Africa	61
2	Botswana	86
3	Kenya	88
Latin America and the Caribbean		
1	Chile	50
2	Brazil	54
3	Mexico	58
Central and Southern Asia		
1	India	40
2	Iran (Islamic Republic of)	53
3	Uzbekistan	82
Northern Africa and Western Asia²		
1	Israel	16
2	United Arab Emirates	31
3	Türkiye	37

Intellectual Property

Region / Rank	Economy	GII 2022 Global Rank
South East Asia, East Asia, and Oceania		
1	Republic of Korea	6
2	Singapore	7
3	China	11
Europe		
1	Switzerland	1
2	Sweden	3
3	United Kingdom	4

1
Top 3 in Sub-Saharan Africa (SSA) excluding island economies. The top four in the region comprise Mauritius (1st), South Africa (2nd), Botswana (3rd), and Kenya (4th).

2
Top 3 in Northern Africa and Western Asia (NAWA) - excluding island economies. The top 4 in the region includes Israel (1st), Cyprus (2nd), the United Arab Emirates (3rd) and Türkiye (4th).

Global leaders in innovation in 2022

1. Switzerland (Number 1 in 2021)	11. China (12)
2. United States (3)	12. France (11)
3. Sweden (2)	13. Japan (13)
4. United Kingdom (4)	14. Hong Kong, China SAR (14)
5. Netherlands (6)	15. Canada (16)
6. Republic of Korea (5)	16. Israel (15)
7. Singapore (8)	17. Austria (18)
8. Germany (10)	18. Estonia (21)
9. Finland (7)	19. Luxembourg (23)
10. Denmark (9)	20. Iceland (17)

(Source: WIPO's official website)