

INTELLECTUAL PROPERTY IN FIGURES

Activity indicators in the field of
intellectual property
for 2023

2023



State Organization
«Ukrainian National Office for Intellectual Property and
Innovations»
(UANIPPIO)

INTELLECTUAL PROPERTY IN FIGURES

Activity indicators in the field of intellectual property
for 2023

Kyiv – 2024

Contents

I. Main Performance Indicators	3
1. Common Tendencies	3
2. Inventions	6
3. Utility Models.....	9
4. Industrial designs.....	10
5. Trademarks	11
6. Assignment of Industrial Property Rights	13
7. Copyright.....	14
II. Analysis of Inventive Activity of National Applicants.....	17
1. Applications for Inventions and Utility Models	17
2. Registration of Inventions and Utility Models.....	19
III. Business Activity Analysis	21
1. Resident and Non-Resident Applicants with the Highest Number of Filed Applications for Trademarks	22
2. Business Activity Priorities based on the Nice Classification	23
Annexes	26

I. Main Performance Indicators

1. Common Tendencies

According to the “Monitoring of Major Events in the Ukrainian Economy” prepared by the Ministry of Economy of Ukraine, Ukraine’s GDP growth is estimated at 5% in 2023. Despite the total collapse in 2022 (almost 29%) caused by the military aggression of the Russian Federation, the national economy has demonstrated significant resilience and great potential for recovery and development, thanks to the joint efforts of the state, Armed Forces of Ukraine, business, international partners and society as a whole. At the same time, according to the Ministry of Economy, the positive trend in GDP growth will continue in 2024 and the volume of investments in the Ukrainian economy will grow by almost 30%.

The situation in the field of intellectual property naturally reflects general macroeconomic trends. Thus, compared to 2022, the total number of applications for industrial property increased by 47.6% and amounted to 32,759 applications. This amount exceeds the indicator of 2022 (22,195 applications) by more than 10.5 thousand applications, but is inferior to the pre-war level in 2021 (41,003). However, given the existing growth rate of applications filing and positive trends in the recovery of the national economy, the total number of applications in 2024 may reach the level of 2021.

The increase in the rate of filing industrial property applications in 2023 is a clear indication of the intensification of the inventor community and business and is a consequence of positive expectations for the development of the economic, political and social situation in Ukraine. Inventions, as the most complex and important industrial property right, seemingly following the GDP trend of 2023 show an increase of 5.5%. The applications filing dynamic for other industrial property is higher: utility models – 47.7%, industrial designs – 34.8%, trademarks – more than 55.4% (table 1, figure 1).

Table 1. Applications for Industrial Property Rights Protection in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	48,672	38,388	41,003	22,195	32,759	147.6%
Inventions, including PCT applications	3,856	3,194	3,390	2,758	2,911	105.5%
Utility Models, including PCT applications	8,454	5,273	4,427	2,378	3,504	147.4%
Industrial designs (under the national procedure)	2,627	2,025	1,836	825	1,112	134.8%
Trademarks (under the national procedure)	33,735	27,896	31,350	16,234	25,232	155.4%

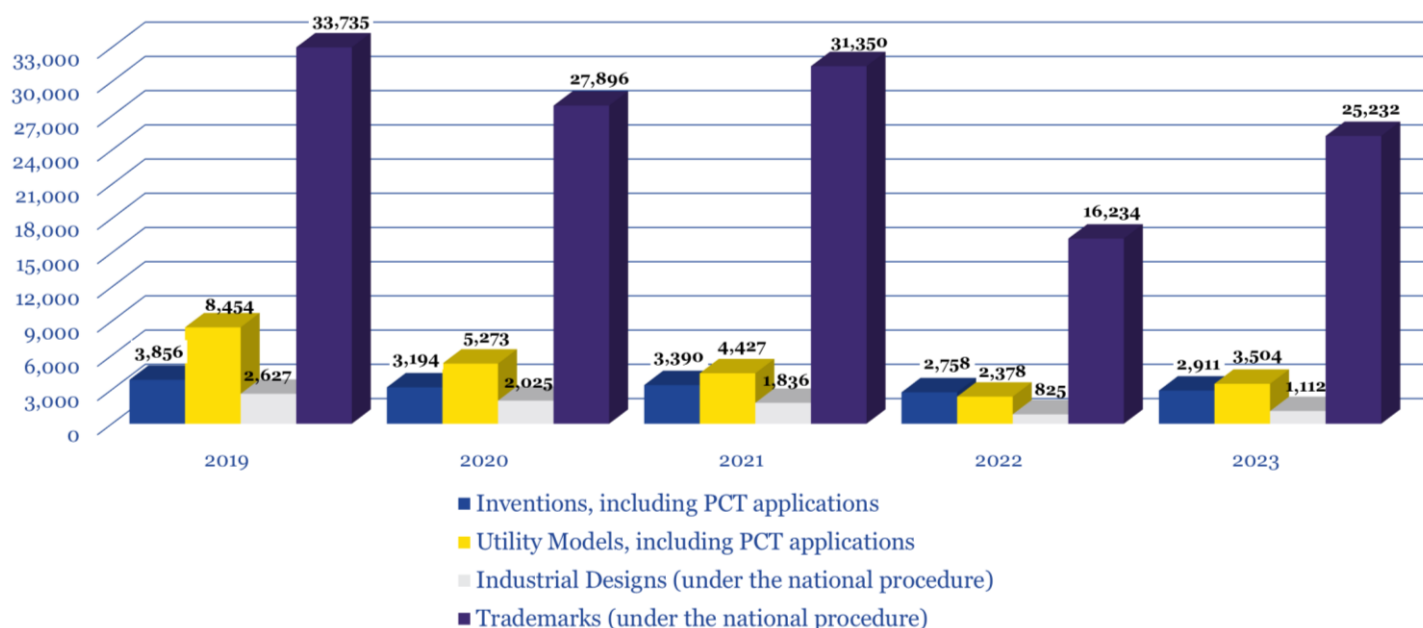


Figure 1. Dynamics of Applications for Industrial Property Rights Protection in 2019-2023

The registration rate of industrial property is usually lower than the number of filed applications, which is natural, as the amount of applications that are approved for processing slows down due to the number of facts. This is due to the specifics of the examination, which is a complex, multi-stage process that depends not only on the UANIPIO but also on the actions of the applicant himself and can take a considerable amount of time. However, the main factors that negatively affected the process of industrial property registration in 2023 were difficult military, political and socio-economic situations in Ukraine with a sharply decreased activity in the field of intellectual property. The combination of these factors led to a 5.6% drop in the registration of industrial property compared to 2022 (table 2, figure 2).

¹ Data for previous years have been updated

² Previous data

Table 2. Industrial Property Rights Registrations in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	30,588	30,251	30,867	20,325	19,178	94.4%
Inventions, including PCT applications	2,255	2,179	2,298	1,566	1,158	73.9%
Utility Models, including PCT applications	8,412	6,385	4,363	2,074	2,712	130.8%
Industrial designs (under the national procedure)	2,599	2,047	1,751	656	778	118.6%
Trademarks (under the national procedure)	17,322	19,640	22,455	16,029	14,530	90.6%

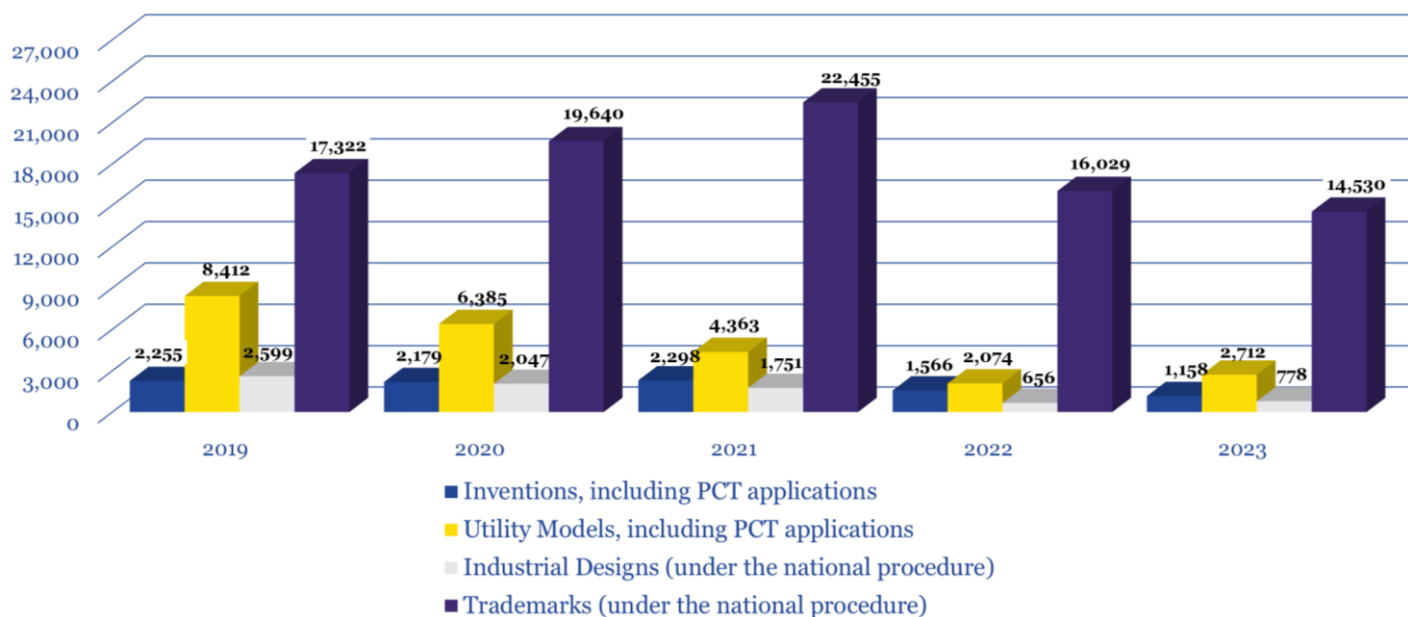


Figure 2. Dynamics of Industrial Property Rights Registrations in 2019-2023

The number of industrial property registrations is also affected by legal factors that also slow down the process of obtaining legal protection. In particular, considering provisions of Law of Ukraine No. 2174-IX, “On Protection of Intellectual Property Interests of Persons during Martial Law Imposed in Connection with the Armed Aggression of the Russian Federation against Ukraine,” adopted on 1 April 2022, which suspended the deadlines for actions related to the protection of intellectual property rights, as well as the deadlines for procedures for acquiring these rights, as defined by the relevant laws of Ukraine in the field of intellectual property.

In contrast to inventions and trademarks, the registration rates of utility models and industrial designs are on the rise, which is due to the absence of requirement to conduct a substantive examination for obtaining legal protection for these forms of industrial property.

2. Inventions

The annual rate of applications for inventions shows a positive trend and is an indicator of a gradual recovery since the start of the full-scale invasion of Ukraine in February 2022. An important factor is that the growth of this indicator is the result of the resident applicants' activity, whose efforts resulted in 27% more applications filed than in 2022. Conversely, non-resident applicants (under the national procedure) filed 17.6% fewer applications due to a decrease in the activity of applicants from the United States of America, Germany, Switzerland and China. The rate of applications filed under the PCT procedure remains at the level of 2022, with a slight decrease of 1.1% (table 3, figure 3)

Table 3. Patents Filed in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	3,856	3,194	3,390	2,758	2,911	105.5%
Under the national procedure	2,302	1,611	1,574	1,017	1,190	117.0%
Resident applicants	2,102	1,367	1,291	790	1,003	127.0%
Non-resident applicants	200	244	283	227	187	82.4%
Under the PCT procedure including resident applicants	1,554	1,583	1,816	1,741	1,721	98.9%
	1	3	5	3	7	233.3%

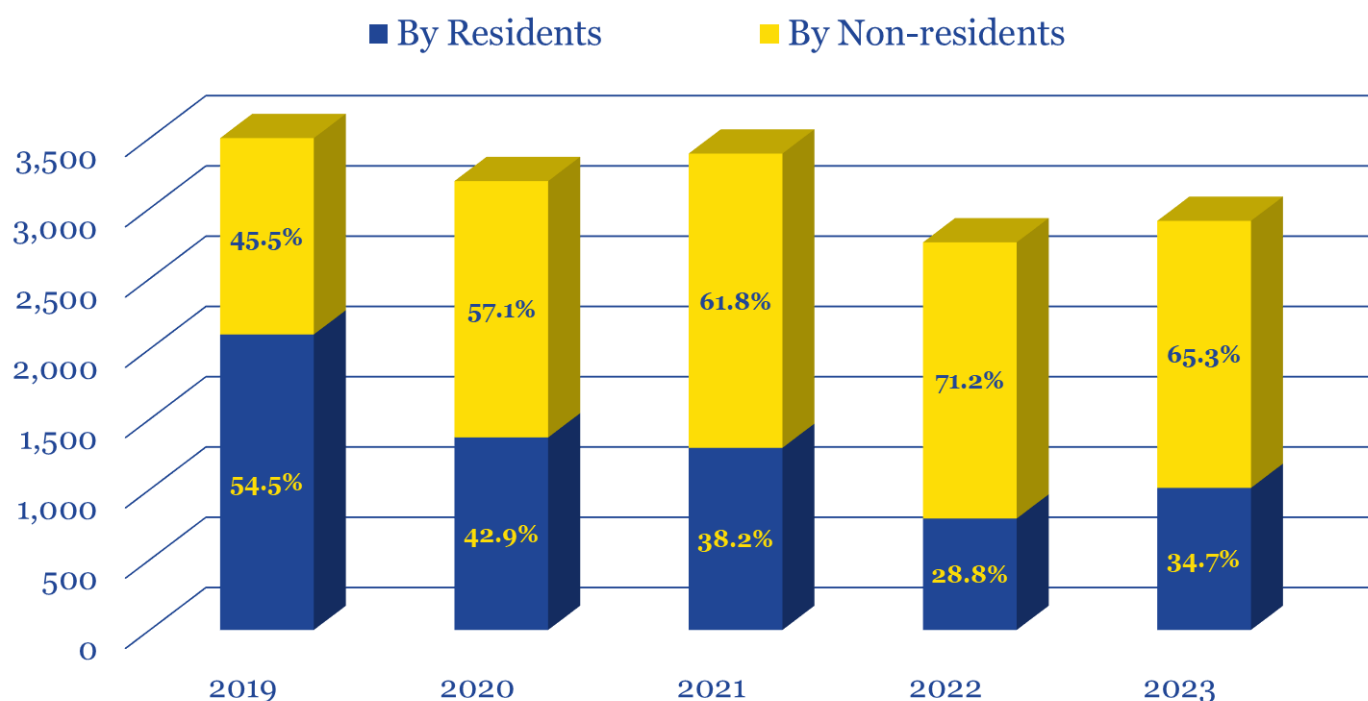


Figure 3. Dynamics of Patents Filed in 2019-2023

The significant disproportion in the number of resident and non-resident applications filed raises some concerns. The decline in the share of resident applications started in 2020 and was associated with the global COVID-19 pandemic, reaching its

“maximum” in 2022. The situation improves slightly in 2023, but remains tense in terms of competition between resident and non-resident applicants (figure 4).

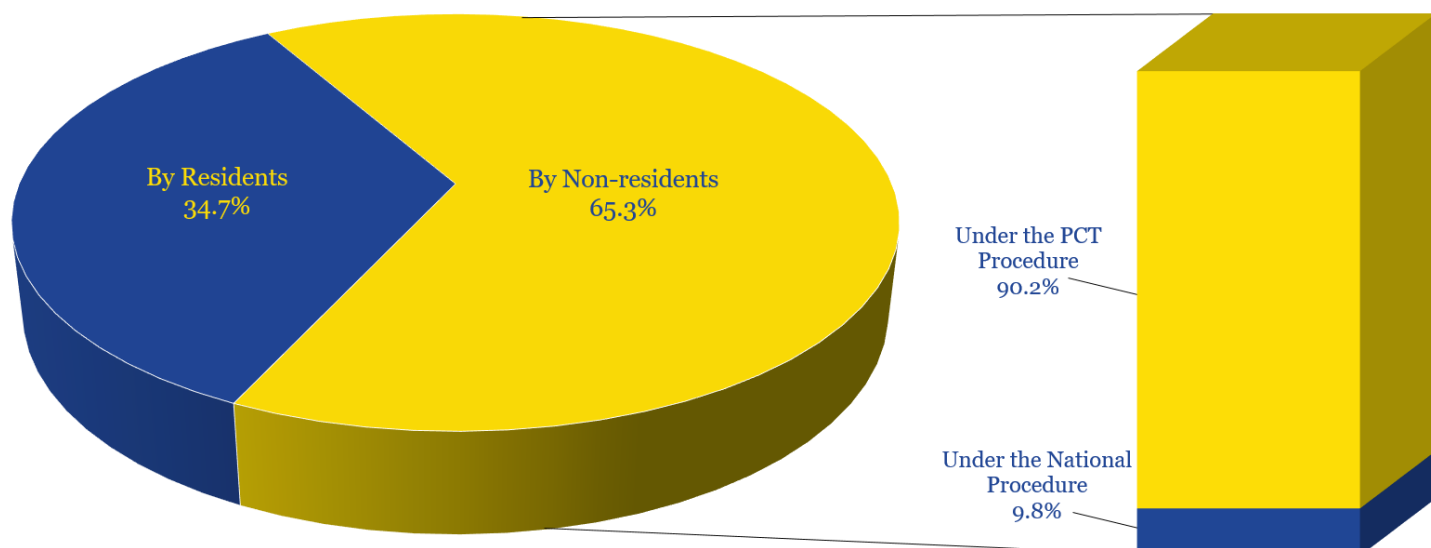


Figure 4. Correlation between Resident and Non-resident Applicants in 2023

Over the past few years, the leading countries in filing applications for inventions among non-resident applicants have been: The United States of America, Switzerland, Germany and the United Kingdom. As mentioned above, applicants from these countries have somewhat reduced their patent activity in Ukraine, but applicants from other countries, such as the Republic of Korea, Luxembourg, Japan, the Netherlands and Sweden, applicants have shown a significant increase in the number of applications filed. At the same time, applicants from China, which was one of the top five countries in 2021, significantly reduced the number of applications filed in 2022 -2023 (table 4, figure 5).

Table 4. Non-resident Applications by Origin in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	1,753	1,824	2,094	1,965	1,901	96.7%
The United States of America	523	514	580	591	501	84.8%
Switzerland	187	203	212	208	222	106.7%
Germany	229	220	216	220	208	94.5%
The United Kingdom	85	96	172	200	191	95.5%
The Republic of Korea	28	32	48	31	93	300.0%
Luxembourg	45	57	55	55	76	138.2%
Japan	57	56	63	62	70	112.9%
France	65	56	65	59	64	108.5%
The Netherlands	38	39	44	39	52	133.3%
China	51	100	131	79	49	62.0%
Sweden	31	20	34	32	47	146.9%
Italy	29	46	45	40	40	100.0%
Belgium	44	31	53	51	29	56.9%
Poland	15	23	11	26	28	107.7%
Other	326	331	365	272	231	84.9%

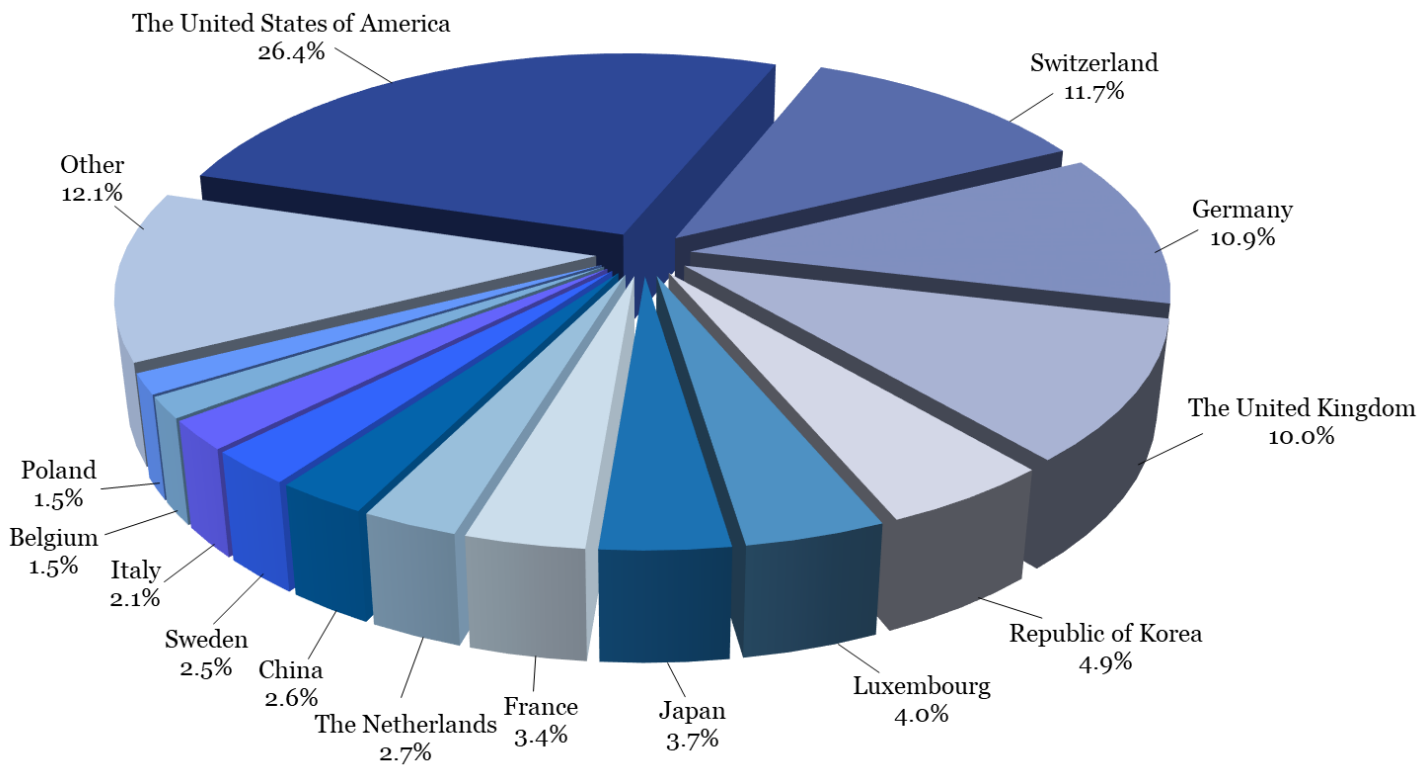


Figure 5. Non-resident Applications by Origin in 2023

Total number of patents granted in 2023 reached 1,158. The share of patents granted to non-resident applicants amounted to 63% of the total (table 5, figure 6).

Table 5. Patents Granted in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	2,255	2,179	2,298	1,566	1,158	73.9%
To residents	1,248	1,086	990	630	429	68.1%
To non-residents	1,007	1,093	1,308	936	729	77.9%

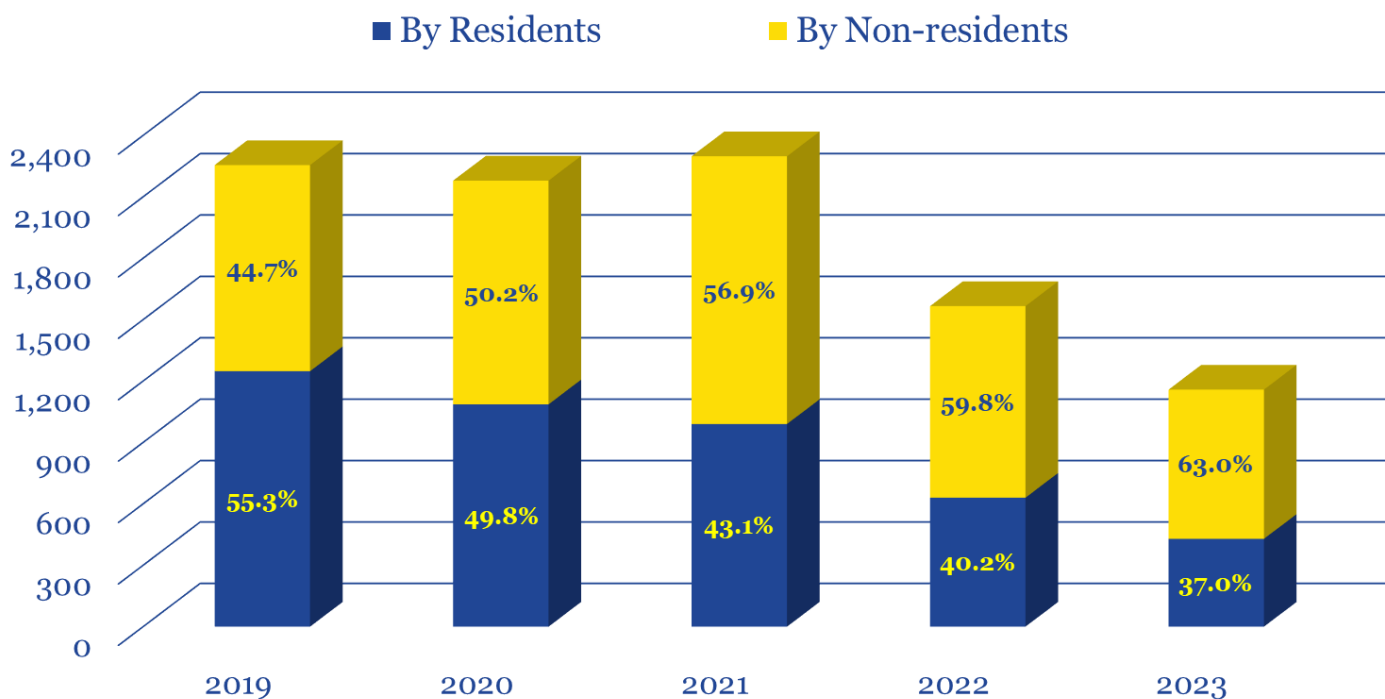


Figure 6. Dynamics of Patents Granted in 2019-2023

3. Utility Models

Compared to 2022, the number of utility model applications filed in 2023 increased by 47.4%. As with inventions, the main driving force was the activity of the resident applicants, who made the largest contribution, although non-resident applicants also increased their activity by almost 32.8% (table 6, figure 7).

Table 6. Applications for Utility Models in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	8,454	5,273	4,427	2,378	3,504	147.4%
Under the national procedure	8,443	5,265	4,419	2,374	3,499	147.4%
By residents	8,344	5,059	4,335	2,320	3,425	147.6%
By non-residents	99	206	84	54	74	137.0%
Under the PCT procedure	11	8	8	4	5	125.0%
Including resident applicants	–	–	–	–	2	–

■ By Residents ■ By Non-residents

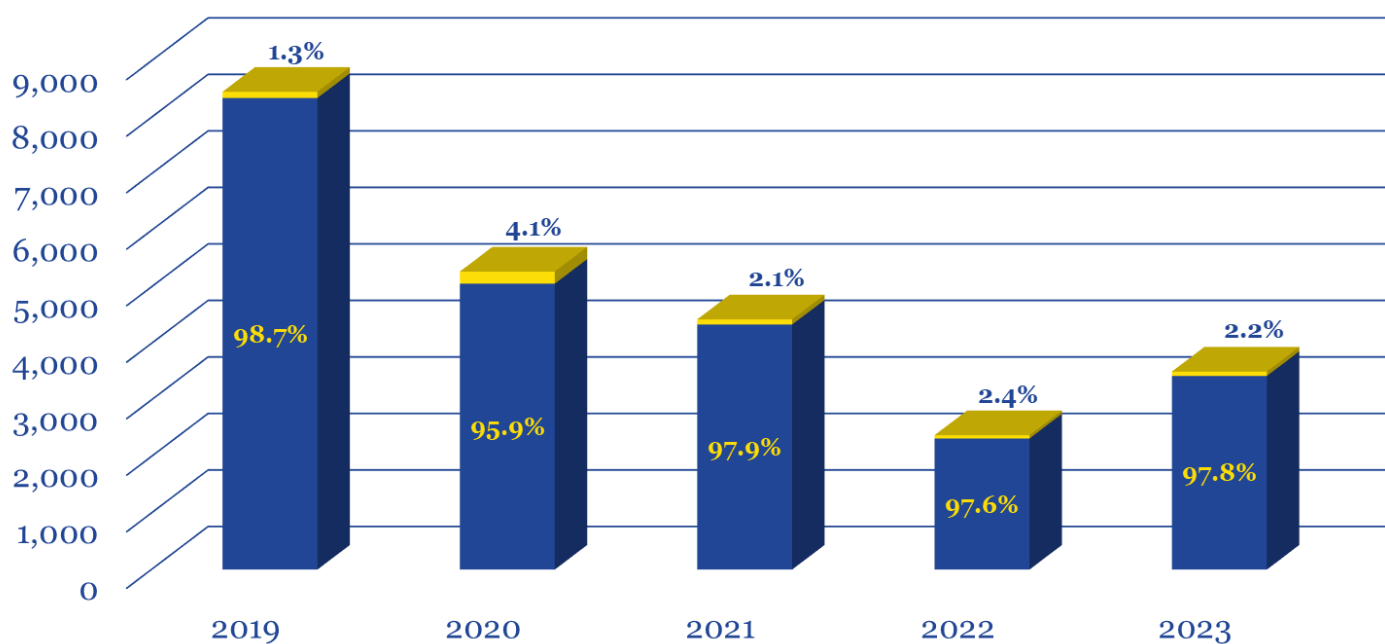


Figure 7. Dynamics of Applications for Utility Models in 2019-2023

In 2023 the dynamics of utility model registration improved significantly and showed an overall increase of almost 31%, mainly due to utility model patents granted to resident applicants. As shown in figure 7, non-resident applicants demonstrate relatively low activity in utility model registration (table 7, figure 8).

Table 7. Utility Models Registrations in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	8,412	6,385	4,363	2,074	2,712	130.8%
To residents	8,288	6,229	4,214	2,031	2,675	131.7%
To non-residents	124	156	149	43	37	86.0%

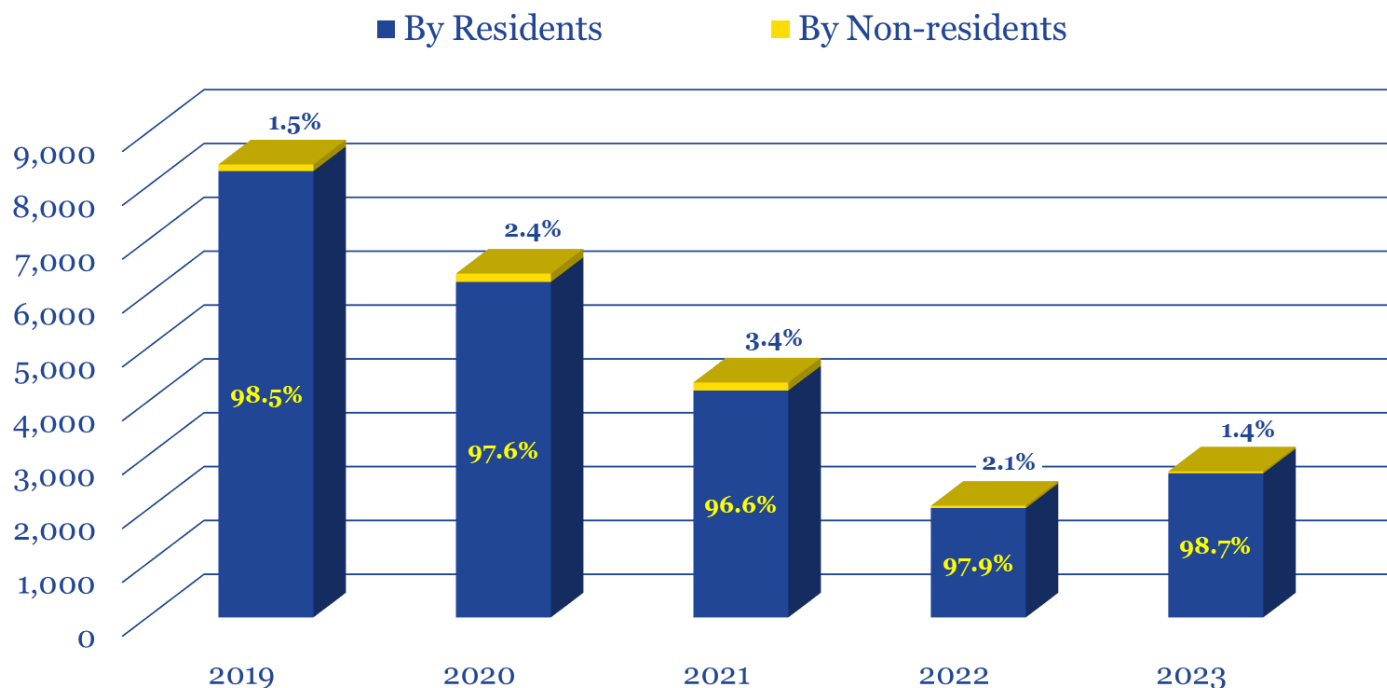


Figure 8. Dynamics of Utility Models Registrations in-2019-2023

4. Industrial designs

The number of industrial design applications under the national procedure in 2023 increased by almost 35% compared to 2022. Resident applicants increased their results by 30.3%, while non-resident – by more than 70% (table 8, figure 9).

Table 8. Applications for Industrial Designs (under the National Procedure) in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	2,627	2,025	1,836	825	1,112	134.8%
By residents	2,406	1,763	1,679	735	958	130.3%
By non-residents	221	262	157	90	154	171.1%

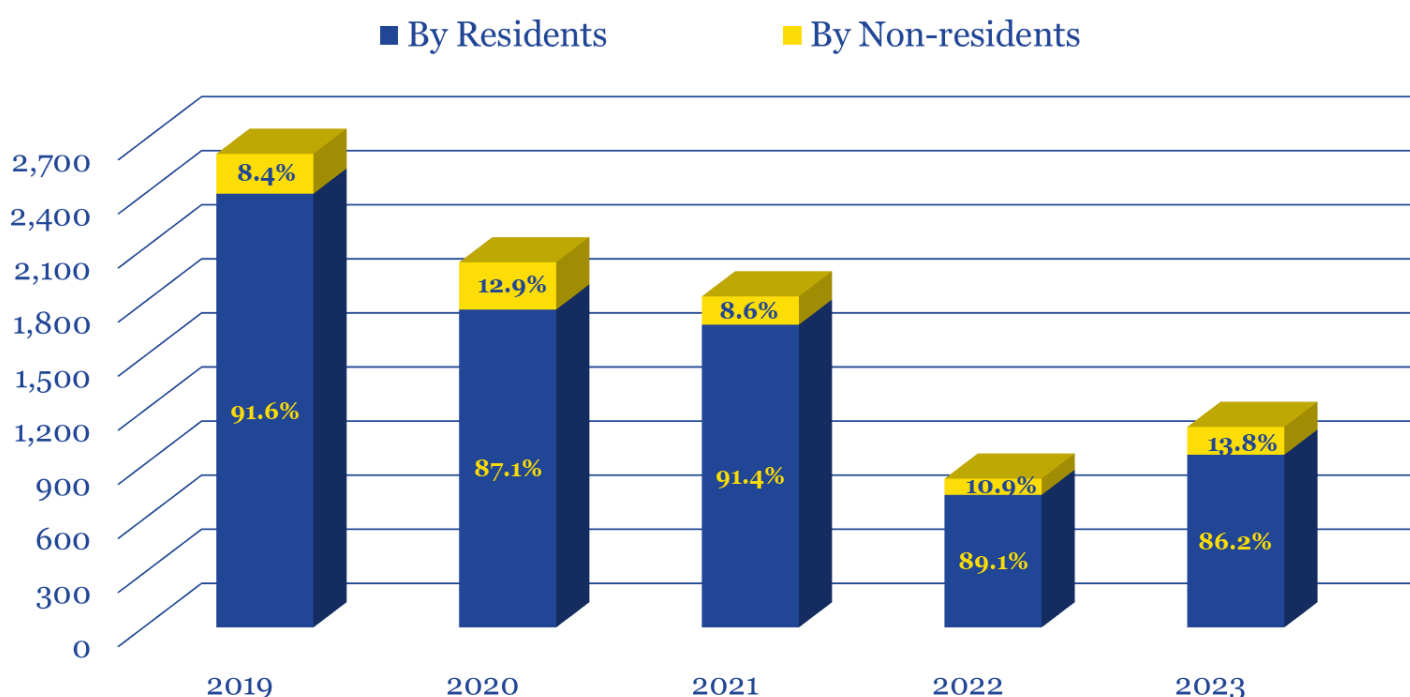


Figure 9. Dynamics of Industrial Designs Applications (under the National Procedure) in 2019-2023

The industrial design registration rate improved by 18.6% in 2023 and exceeded the 2022 indicator. The dynamics of this process is significantly influenced by the activity of resident applicants, who account for the lion's share of registrations (table 9, figure 10).

Table 9. Industrial Design Registrations (under the National Procedure) in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	2,599	2,047	1,751	656	778	118.6%
To residents	2,396	1,820	1,538	601	687	114.3%
To non-residents	203	227	213	55	91	165.5%

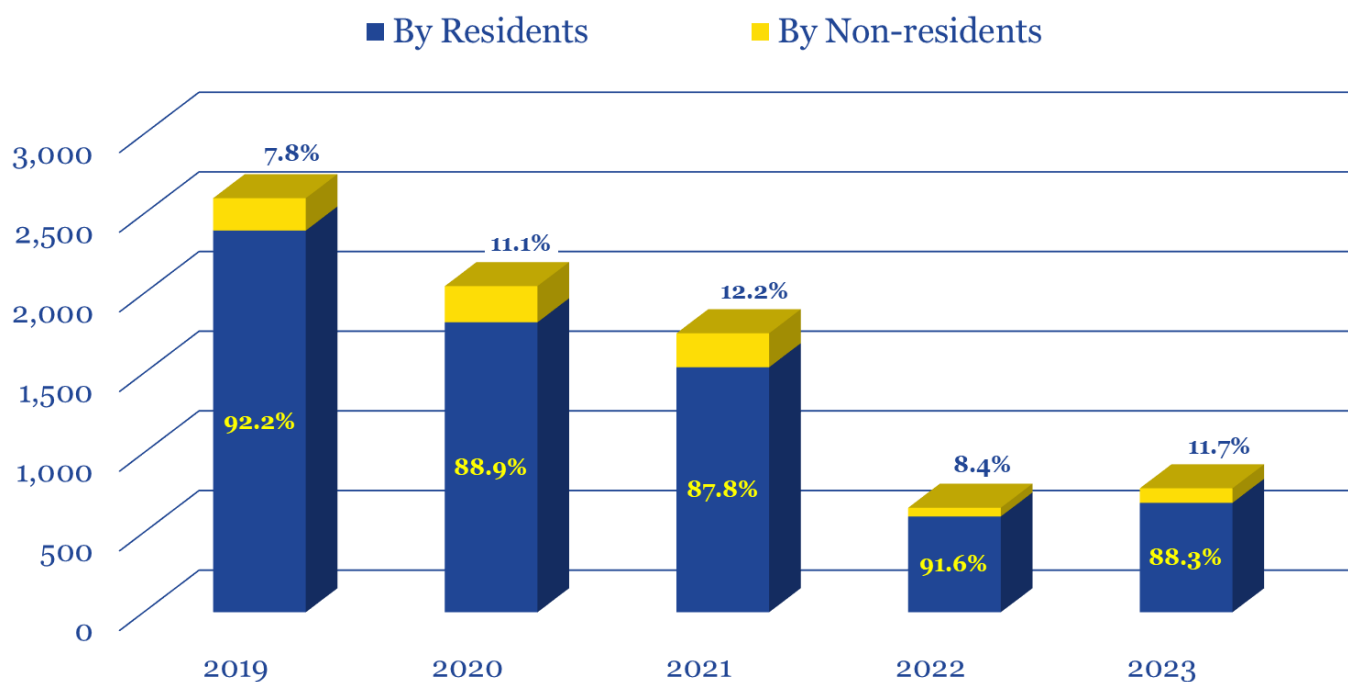


Figure 10. Dynamics of Industrial Design Registrations (under the National Procedure) in 2019-2023

5. Trademarks

Trademark applications filed under the national procedure increased by 55.4%. As in the case of other industrial property, the main factor influencing such results is the increased activity of resident applicants, who filed the largest number of applications. Number of applications filed by non-resident applicants also increased by 18.2% compared to the previous year (table 10, figure 11).

Table 10. Trademark Applications (under the National Procedure) in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	33,735	27,896	31,350	16,234	25,232	155.4%
By residents	29,827	23,842	27,029	13,905	22,479	161.7%
By non-residents	3,908	4,054	4,321	2,329	2,753	118.2%

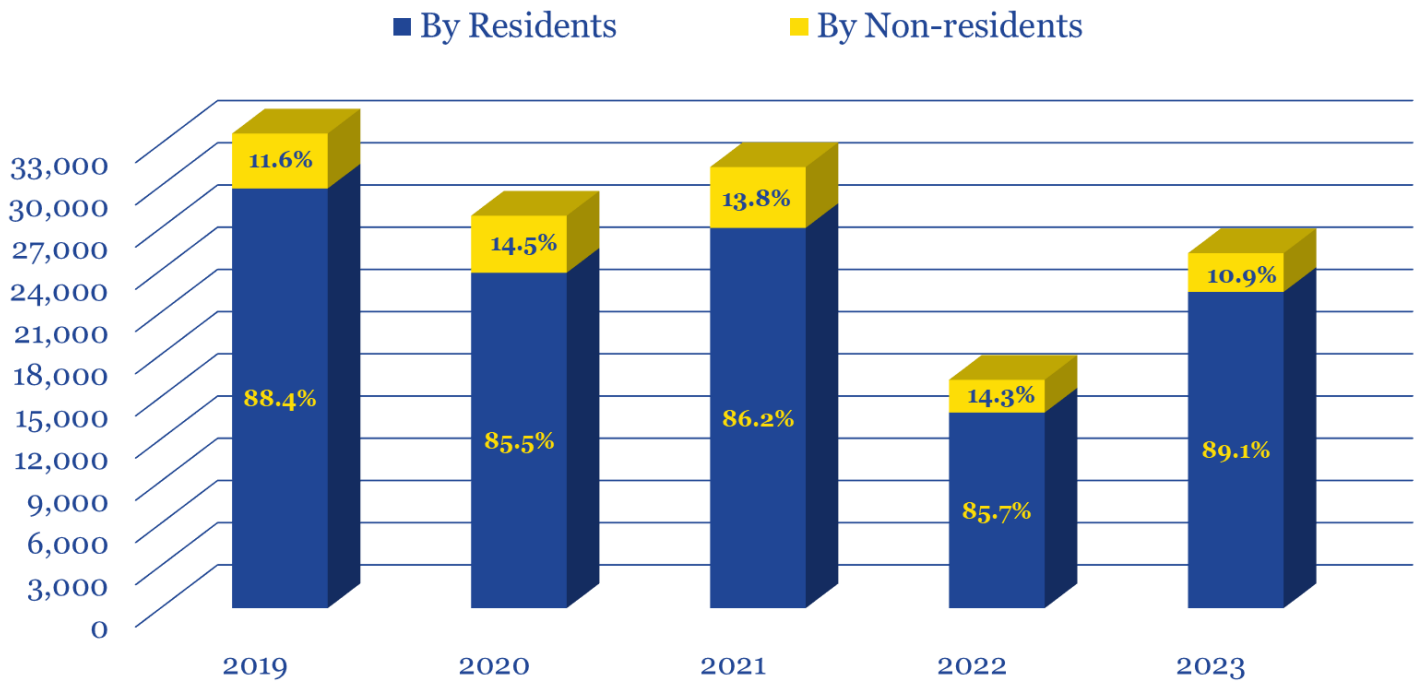


Figure 11. Dynamics of Trademark Applications (under the National Procedure) in 2019-2023

Among the non-resident applicants, the main competitors in trademark filing are applicants from the United States of America and Cyprus. A considerable number of applications were filed by applicants from Switzerland, the United Kingdom, China and Germany (figure 12, annex 13).

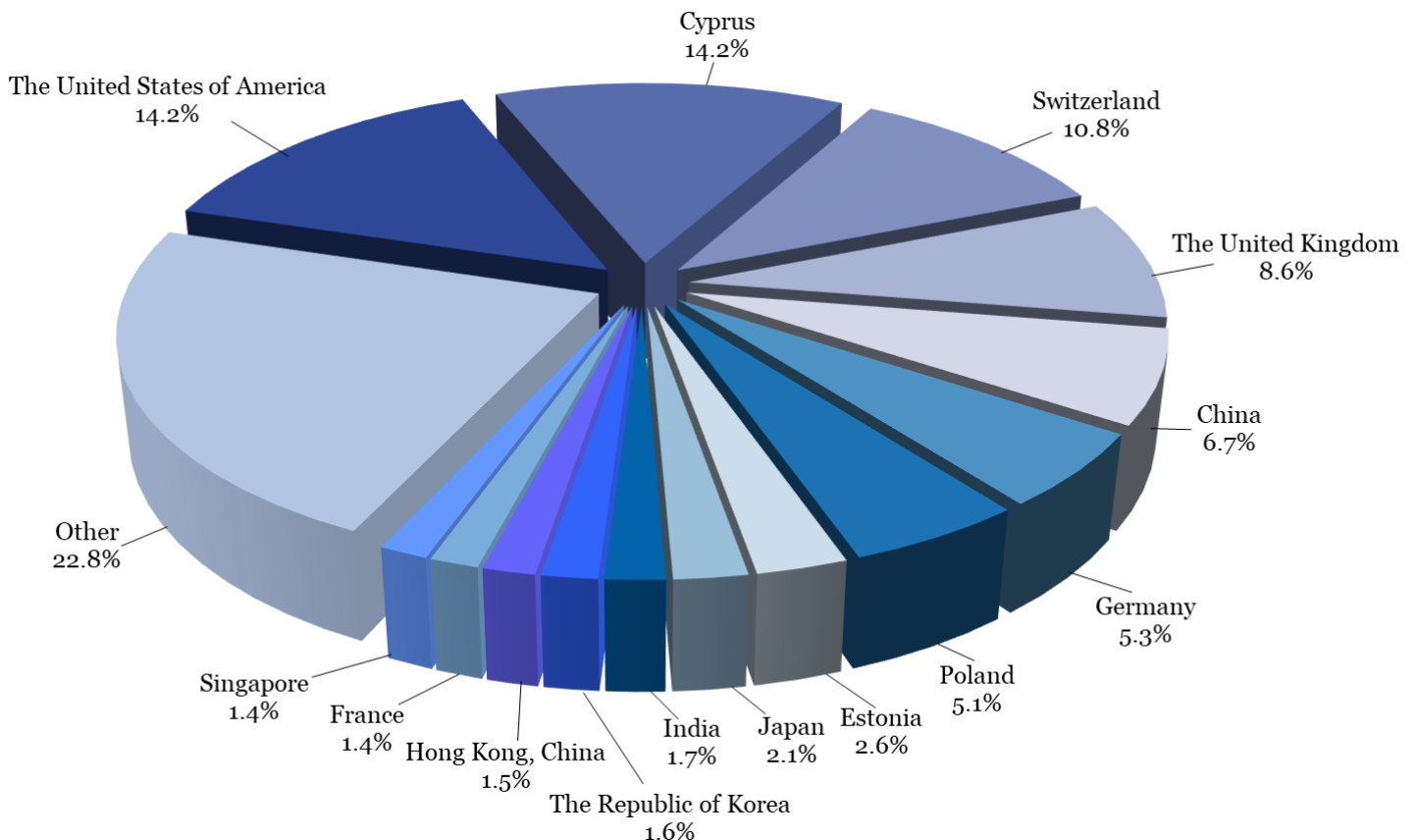


Figure 12. Trademark Applications (under the National Procedure) by Non-residents by Origin in 2023

In 2023, more than 14.5 thousand trademarks were registered under the national procedure, of which 83.5% were for resident applicants and 16,5% for non-resident applicants (table 11, figure 13).

Table 11. Trademark Registrations (under the National Procedure) in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	17,322	19,640	22,455	16,029	14,530	90.6%
By residents	14,788	16,839	19,166	13,072	12,126	92.8%
By non-residents	2,534	2,801	3,289	2,957	2,404	81.3%

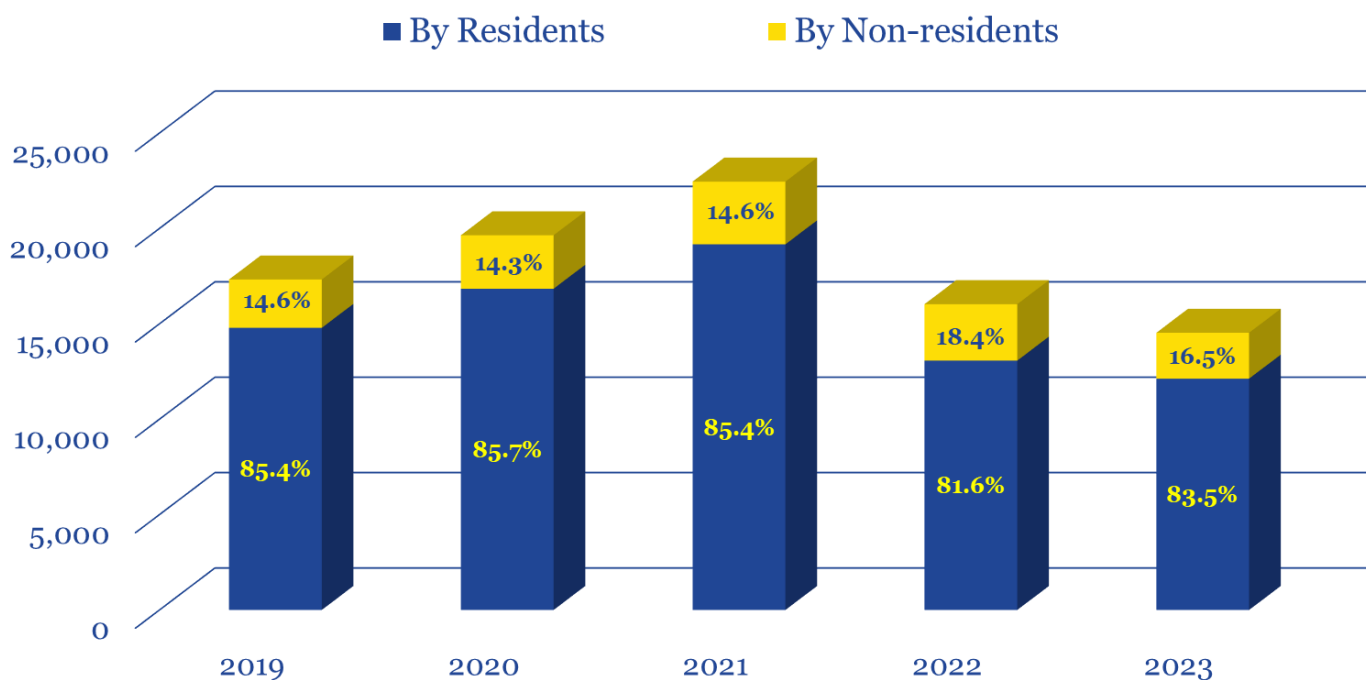


Figure 13. Dynamics of Trademark Registrations (under the National Procedure) in 2019-2023

6. Assignment of Industrial Property Rights

In 2023, on the basis of 1,873 requests (figure 14) the following were recorded in the State Registers:

1,748 registrations on assignment of exclusive industrial property rights;

66 registrations on issuance of licences to use IP rights;

59 statements of readiness to authorize any person to use inventions, utility models and industrial designs.

The total number of industrial property rights for which data has entered the State Registers concerning the assignment of exclusive intellectual property rights and licences significantly exceeded the number of requests and amounted to 4,085, including: 148 inventions, 154 utility models, 217 industrial designs and 3,566 trademarks.

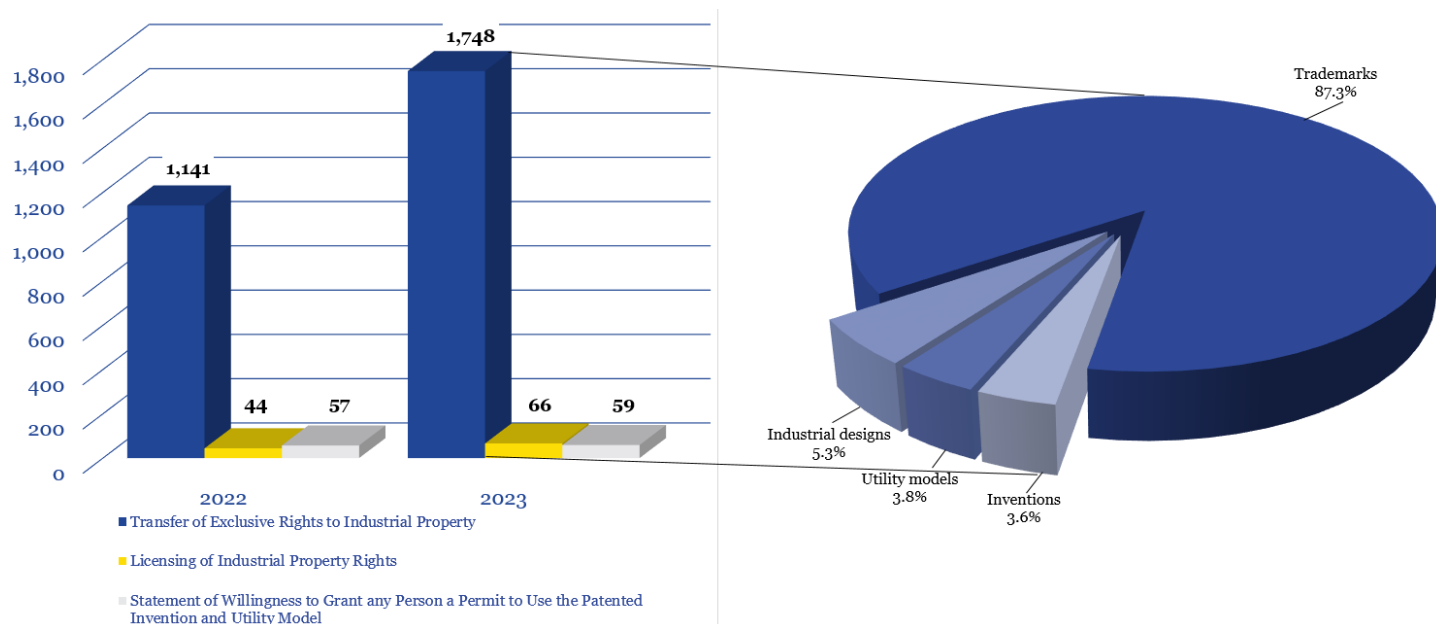


Figure 14. Registration of the Assignment of Industrial Property Rights in 2023

7. Copyright

In 2023, 8,580 applications for registration of copyright in a work were filed, which exceeded the corresponding indicator of 2022 by 49.5%. The number of applications for registration of contracts relating to the author's right in a work is even higher – 68.8% (table 12, figure 15).

Table 12. Applications for Registration of Copyright and Contracts Relating to the Author's Right in a Work in 2019-2023

	2019	2020	2021	2022	2023 ²	2023 to 2022
Copyright in a Work	10,274	6,815	9,542	5,739	8,580	149.5%
Contracts Relating to the Author's Right in a Work	614	422	495	250	422	168.8%

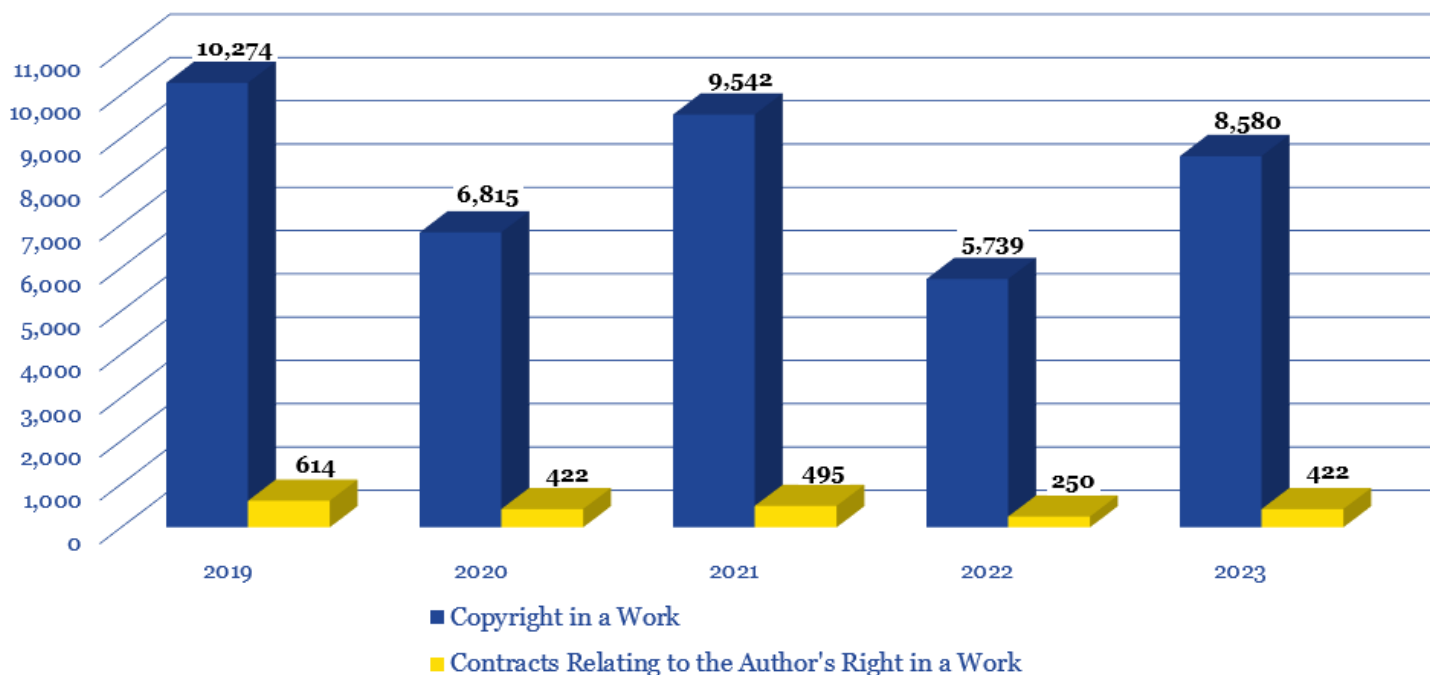


Figure 15 Dynamics of Applications for Registration of Copyright and Contracts Relating to the Author's Right in a Work in 2019-2023

Registrations in the field of copyright also show an increase. Compared to 2022, the number of registrations of copyright in a work increased by 41.5%, and the number of registrations of contracts relating to the author's right in a work increased by 81% (table 13, figure 16).

Table 13. Registrations of Copyright and Contracts Relating to the Author's Right in a Work in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Copyright in a work	11,075	6,456	9,157	4,882	6,908	141.5%
Contracts Relating to the Author's Right in a Work	665	419	447	174	315	181.0%

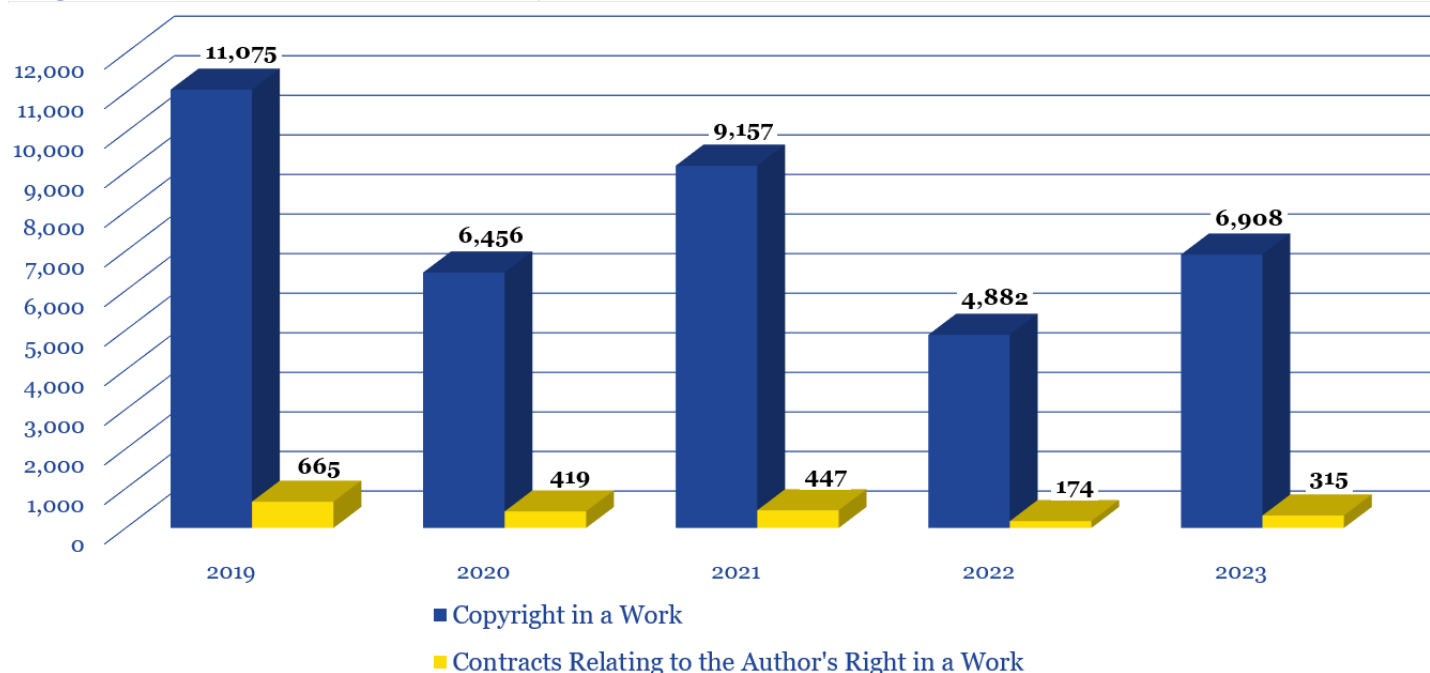


Figure 16. Dynamics of Registrations of Copyright and Contracts Relating to the Author's Right in a Work in 2019-2023

According to Figure 17, the distribution of state registrations is described as greatly uneven: literary works are beyond any competition, with a share of about 70% of the total amount of state registrations, followed by computer programs, illustrations, musical works and works of fine art with a much lower rate of 5-7%.

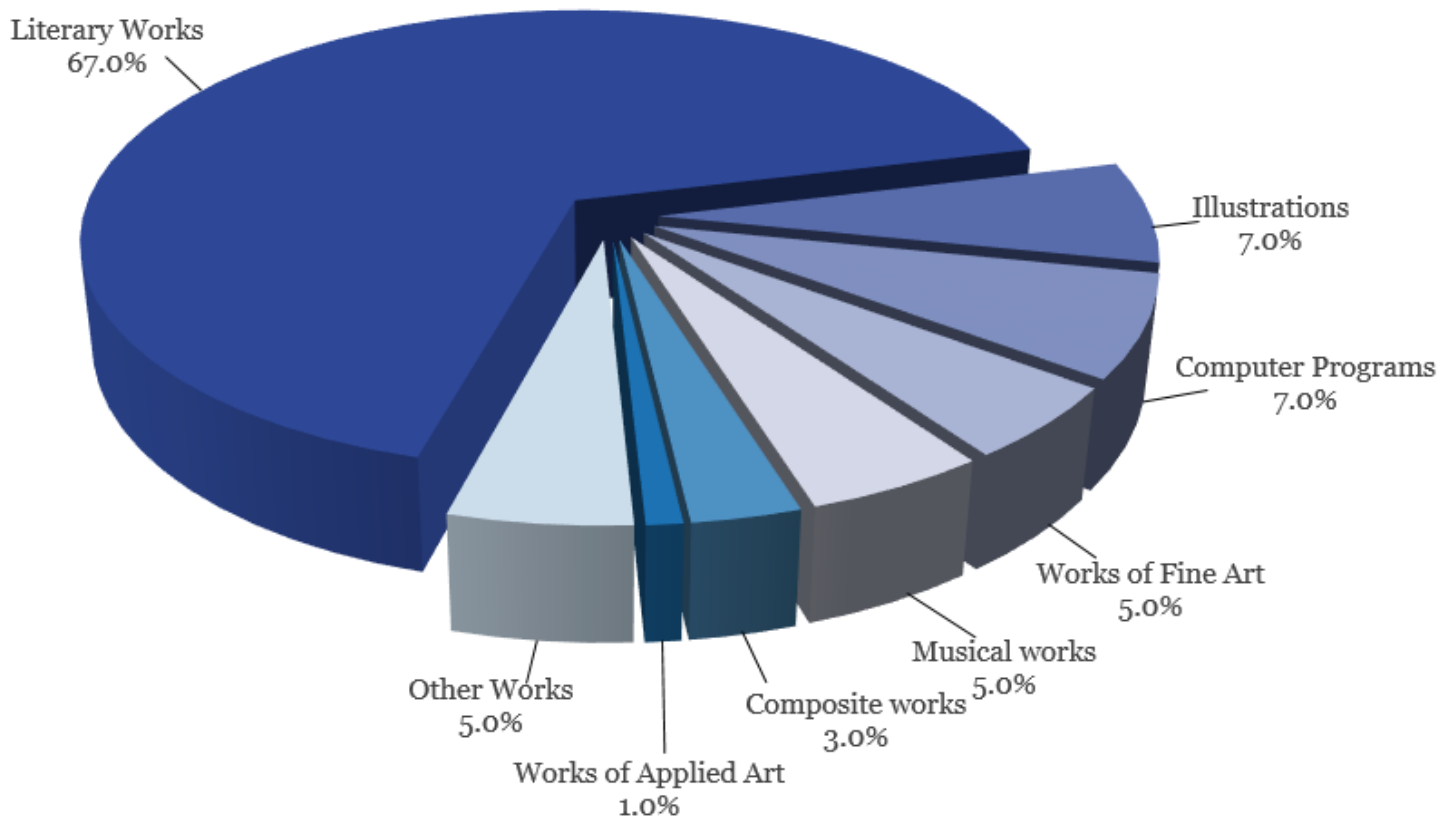


Figure 17. State Registrations of Copyright by Subject Matter in 2023

II. Analysis of Inventive Activity of National Applicants

1. Applications for Inventions and Utility Models

The current challenges for the intellectual property sector, creative and innovative sectors of Ukraine's economy make it possible to adapt quickly thanks to the creative potential of innovators. Intellectual property is an integral part of innovative recovery, as ensuring the implementation of new technologies and, accordingly, allocating of production facilities in Ukraine requires proper protection of intellectual assets. Thus, the post war recovery of the country depends on the development of the innovation sector. Analysis of statistical data on filing for inventions and utility models shows that the inventive activity of national applicants in 2023 increased by 42.5% compared to the previous year (table 14, figure 18).

Table 14. Inventions and Utility Models Applications by Residents in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	10,447	6,429	5,631	3,113	4,437	142.5%
Inventions, including	2,103	1,370	1,296	793	1,010	127.4%
legal entities	1,183	768	749	511	565	110.6%
individuals	920	602	547	282	445	157.8%
Utility models, including	8,344	5,059	4,335	2,320	3,427	147.7%
legal entities	5,659	3,191	2,838	1,492	2,148	144.0%
individuals	2,685	1,868	1,497	828	1,279	154.5%

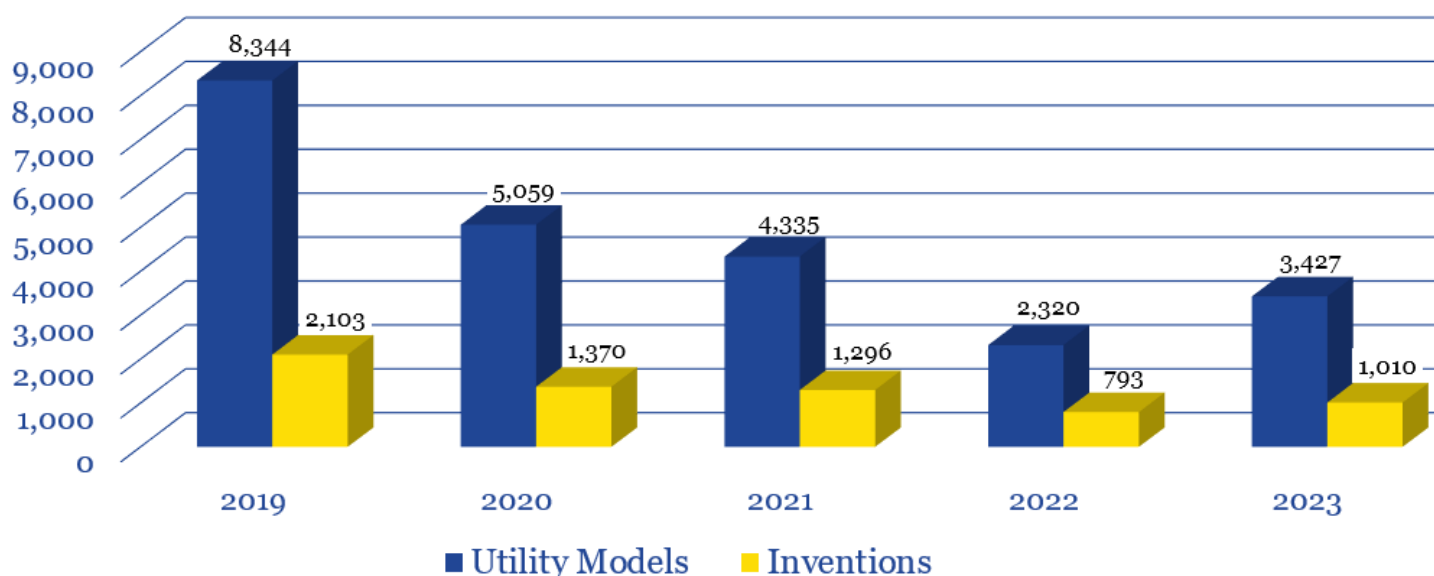


Figure 18. Dynamics of Inventions and Utility Models Applications by Residents in 2019-2023

Distribution of applications for inventions and utility models from resident legal entities in 2019-2023 categorized by economic activities and by government authorities is presented in annexes 3, 4, 5, 6.

Higher educational institutions and scientific organizations with the highest inventive activity are presented in annexes 7, 8.

The most active applicants among higher educational institutions under the Ministry of Education and Science of Ukraine in 2023 were the following applicants (figure 19):

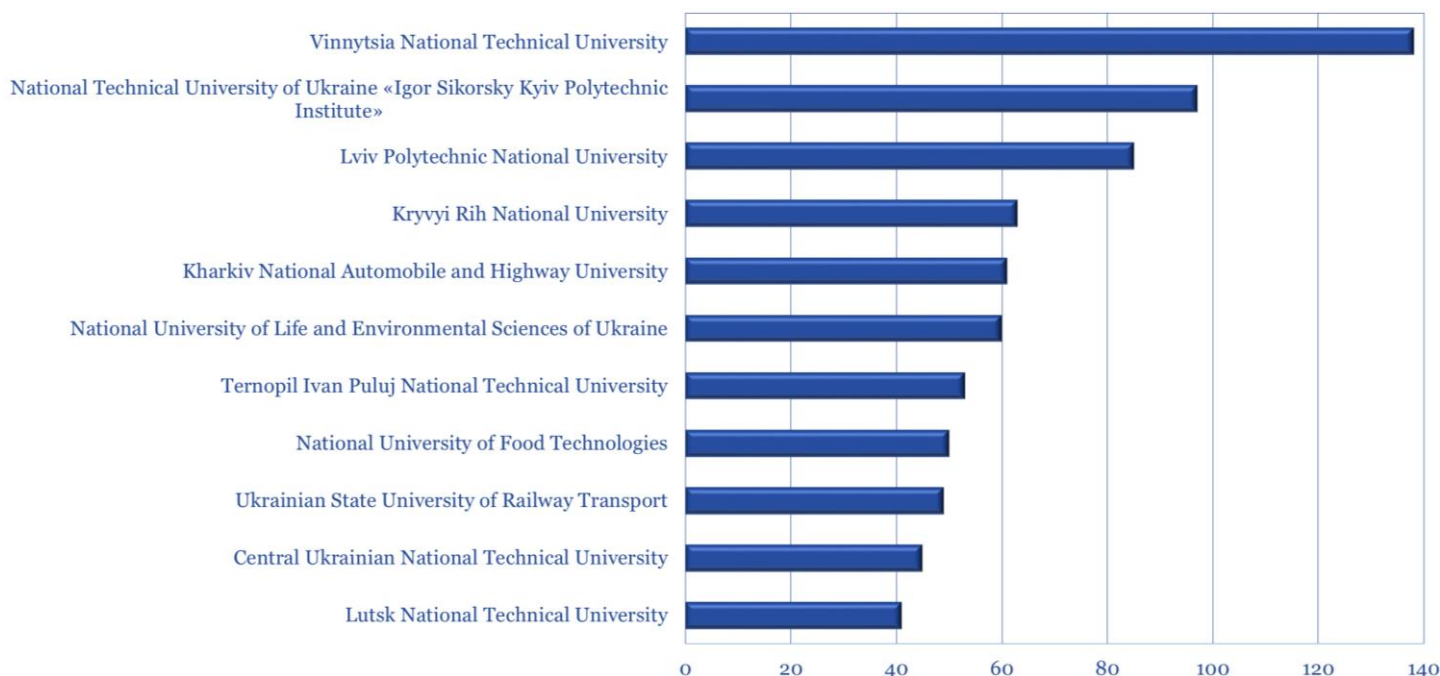


Figure 19. Higher Educational Institutions under the Ministry of Education and Science of Ukraine with the Highest Inventive Activity in 2023

Among institutions of the National Academy of Sciences (NAS) of Ukraine with the highest inventive activity in 2023 were (figure 20):

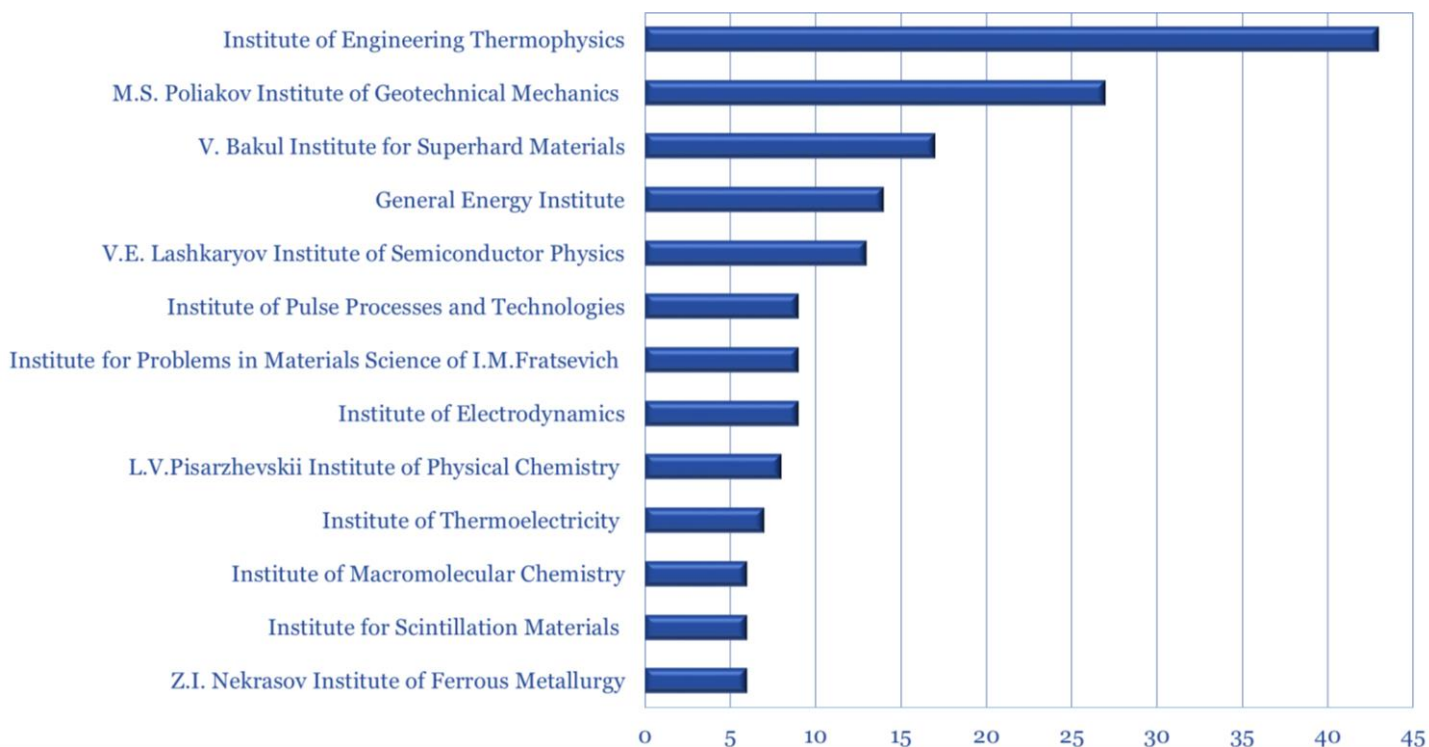


Figure 20. Institutions of National Academy of Sciences of Ukraine with the Highest Inventive Activity in 2023

The top region in applications for inventions and utility models under the national procedure remains Kyiv with 1253 applications (28.2% of the total number of resident applications). The leading regions on the list are: Kharkiv – 650 applications (14.6%), Dnipropetrovsk – 420 applications (9.5%), Lviv– 275 applications (6.2%), Vinnytsia – 271 applications (6.1%), Odesa – 171 applications (3.9%), Kyiv – 168 applications (3.8%), Ternopil – 128 applications (2.9%), regions (figure 21, annex 9, 10).

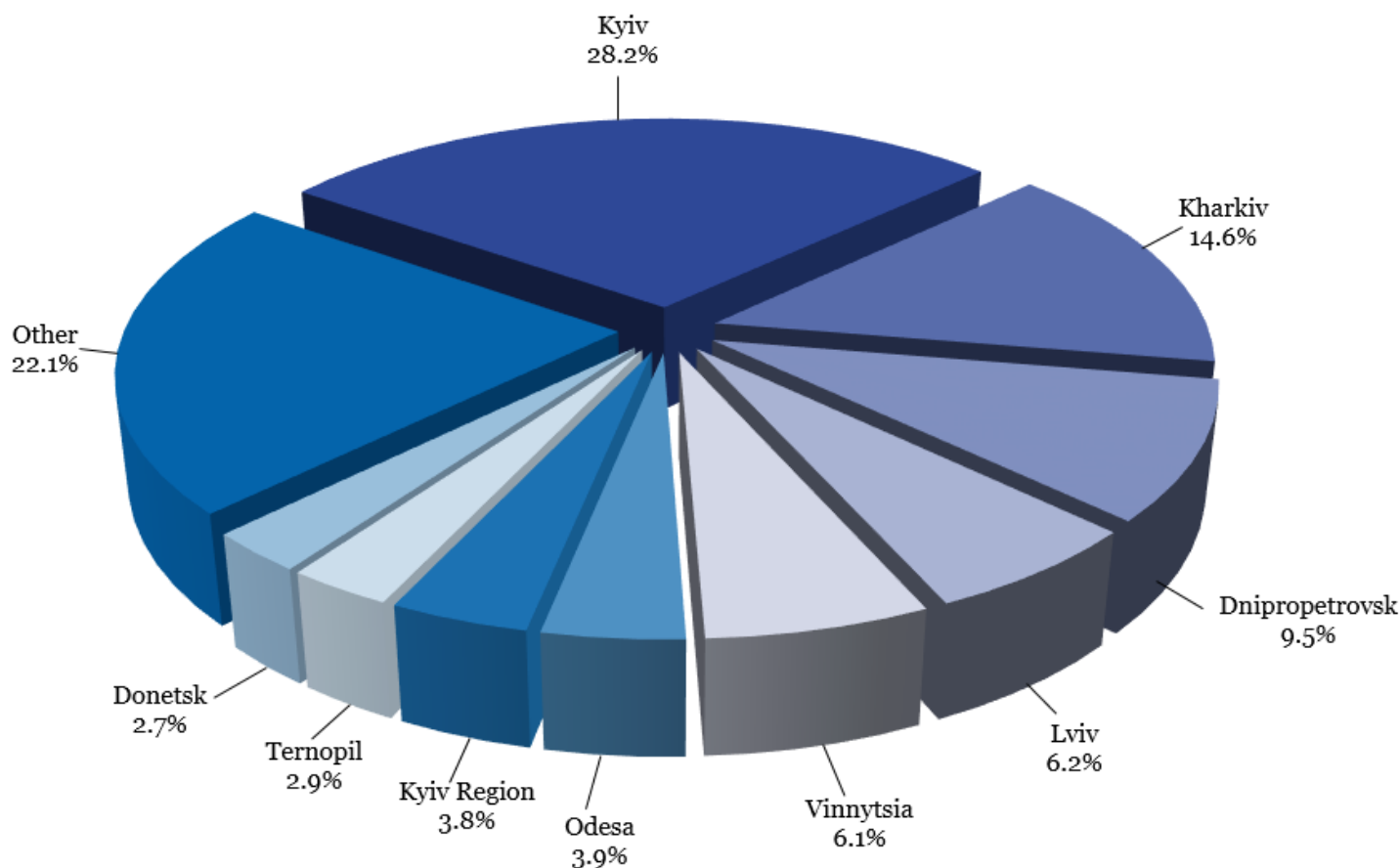


Figure 21. Applications for Inventions and Utility Models by Regions of Ukraine in 2023

2. Registration of Inventions and Utility Models

The total number of registrations of inventions and utility models by resident applicants amounted to 3,104, which is 16.6% more than the indicator of the previous year. Comparing the figures for 2022 and 2023, the number of utility model registrations increased by 31.7% (table 15, figure 22).

Table 15. Inventions and Utility Models Registrations by Residents in 2019-2023

	2019	2020	2021	2022	2023	2023 to 2022
Total	9,536	7,315	5,204	2,661	3,104	116.6%
Inventions, including						
legal entities	1,248	1,086	990	630	429	68.1%
individuals	838	723	675	380	301	79.2%
Utility models, including						
legal entities	410	363	315	250	128	51.2%
individuals	8,288	6,229	4,214	2,031	2,675	131.7%
legal entities	5,837	3,995	2,748	1,247	1,899	152.3%
individuals	2,451	2,234	1,466	784	776	99.0%

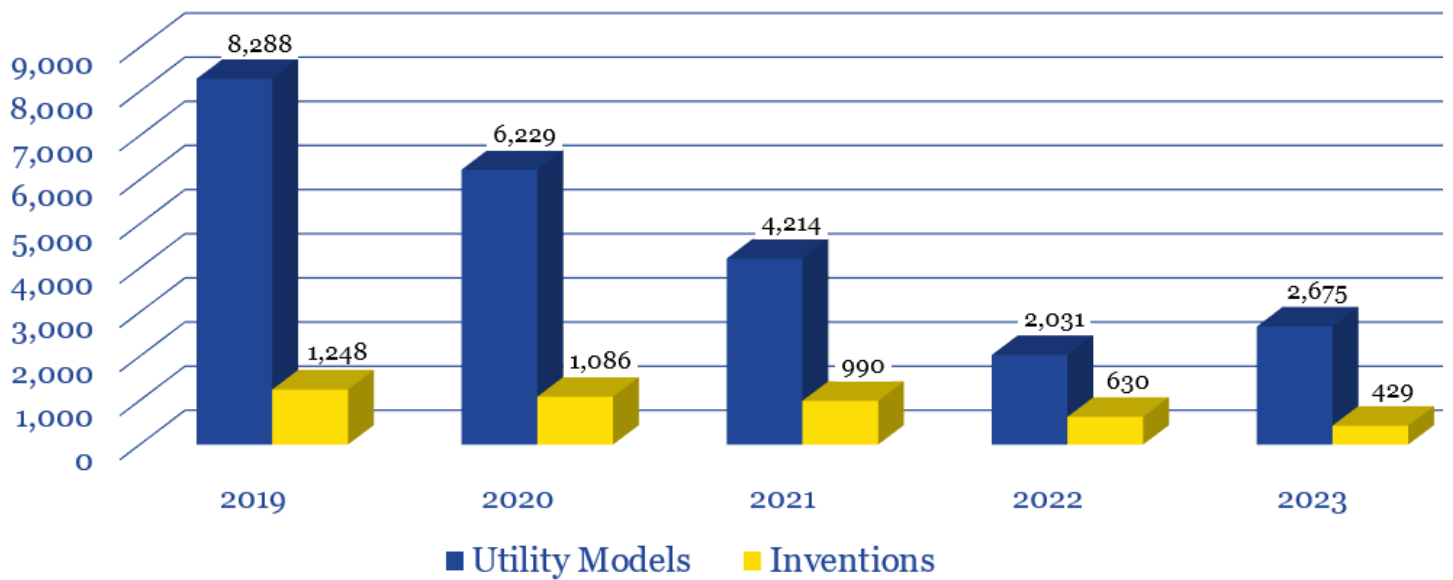


Figure 22. Dynamics of Inventions and Utility Models Registrations by Residents in 2019-2023

Distribution of registrations for inventions and utility models by regions of Ukraine in 2019-2023 is presented in annex 11.

Distribution of registrations for inventions and utility models from resident legal entities in 2019-2023 categorized by economic activities is presented in annex 12.

III. Business Activity Analysis

Trademarks serve as sign that distinguish one company's goods or services from others on the market. The subject of a trademark may be any sign or any combination of signs, in particular, words, including personal names, letters, numerals, figurative elements, colours, the shape of goods or their packaging, sounds etc. The value of trademarks lies in their ability to create brand identity on the market. Trademarks are long-term productive assets that contribute to economic growth and can be used in economic analysis of innovation.

One of the key factors defining trademarks is distinctiveness. The more unique, creative or distinctive a trademark is, the better it can protect against imitation or confusion. The characteristics of a trademark help to strengthen its potential by creating brand uniqueness, improving its recognition by consumers.

Another important aspect is exclusivity, which gives the trademark owner the right to use it in business. This exclusivity provides protection by preventing others from using the trademark. Only the owner of a registered trademark can contribute trademark rights to the authorized capital of an enterprise, as well as register a domain name in the ".ua" zone. Today, the number of Internet users has reached 2.5 billion people. In many developed countries, the Internet is used by almost 70% of the population, which indicates that there are only two types of companies in business: those that operate on the Internet and those that have "gone out of business".

1. Resident and Non-Resident Applicants with the Highest Number of Filed Applications for Trademarks

The 61.7% increase in the trademark filing under the national procedure by resident applicants indicates that the figures for 2023 are gradually approaching those of the pre-war years. This year, the share of resident applicants in the total number of trademark applications has increased significantly and amounts to 73.0%. The share of applications filed under the Madrid system by non-resident applicants is 66.9% (table 16, figure 23).

Table 16. Applications for Trademarks in 2019-2023¹

	2019	2020	2021	2022	2023 ²	2023 to 2022
Total	42,193	35,540	39,471	23,153	30,798	133.0%
By residents						
Under the national procedure	29,827	23,842	27,029	13,905	22,479	161.7%
By non-residents						
Under the national procedure	3,908	4,054	4,321	2,329	2,753	118.2%
Under the Madrid system	8,458	7,644	8,121	6,919	5,566	80.4%

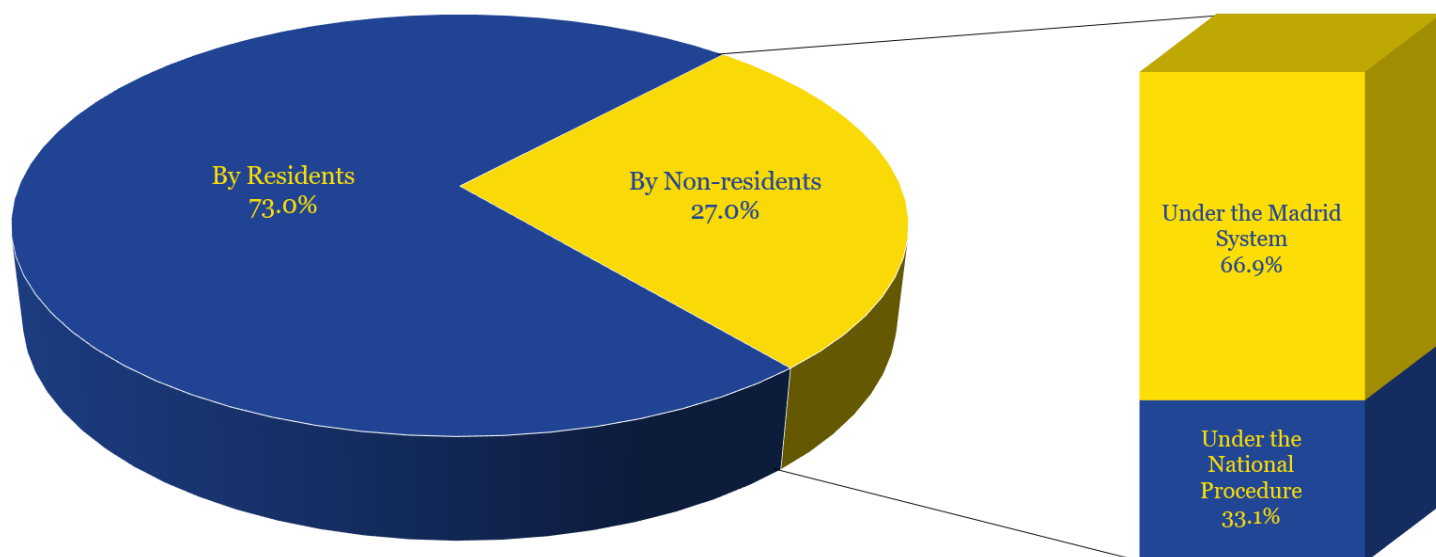


Figure 23. Correlation between Resident and Non-resident Applicants in 2023

2. Business Activity Priorities based on the Nice Classification

In 2023, the largest number of trademarks applications under the national procedure was filed under the Class 35 of the Nice Classification (9,264 applications), which primarily includes services related to business management, operation, organization, and administration of trade or industrial enterprises, as well as advertising, marketing, and sales promotion services (table 17).

Table 17. Distribution Priorities of Applications for Trademarks by NCL Classes under the National Procedure in 2023

NCL Class	Class Heading	qty	By Residents	By Non-residents
35	Advertising; business management, organization and administration; office functions.	9,264	8,829	435
41	Education; providing of training; entertainment; sporting and cultural activities.	3,199	3,004	195
5	Pharmaceuticals, medical and veterinary preparations; sanitary preparations for medical purposes; dietetic food and substances adapted for medical or veterinary use, food for babies; dietary supplements for human beings and animals; plasters, materials for dressings; material for stopping teeth, dental wax; disinfectants; preparations for destroying vermin; fungicides, herbicides.	2,431	1,670	761
30	Coffee, tea, cocoa and substitutes therefor; rice, pasta and noodles; tapioca and sago; flour and preparations made from cereals...	1,930	1,777	153
43	Services for providing food and drink; temporary accommodation.	1,922	1,874	48
44	Medical services; veterinary services; hygienic and beauty care for human beings or animals; agriculture, aquaculture, horticulture and forestry services.	1,671	1,594	77
25	Clothing, footwear, headwear.	1,608	1,520	88
42	Scientific and technological services, research and design relating thereto...	1,588	1,384	204
9	Scientific, research, navigation, surveying, photographic, cinematographic, audiovisual, optical, weighing, measuring, signalling, detecting, testing, inspecting, life-saving and teaching apparatus and instruments...	1,571	1,265	306
29	Meat, fish, poultry and game; meat extracts; preserved, frozen, dried and cooked fruits and vegetables; jellies, jams, compotes; eggs; milk, cheese, butter, yogurt and other milk products; oils and fats for food.	1,283	1,206	77
Other		16,757	14,324	2,433

The national enterprises with the highest number of filed applications for trademarks in 2023 (figure 24):

Limited Liability Company SPACEIKS (Kyiv)

Private Joint Stock Company OBOLON (Kyiv)

Limited Liability Company DELTA MEDICAL (Kyiv region)

Limited Liability Company KIDDISVIT (Dnipropetrovsk region)

Limited Liability Company GAMEDEV (Kyiv)

Joint Stock Company FARMAK (Kyiv)

Limited Liability Company RIVERGATE (Dnipropetrovsk region)

Limited Liability Company UKRAINIAN TOBACCO PRODUCTION (Rivne region)

Limited Liability Company "SLOTS U.A." (Kyiv)

Limited Liability Company "OTT UKRAINE" (Kyiv)

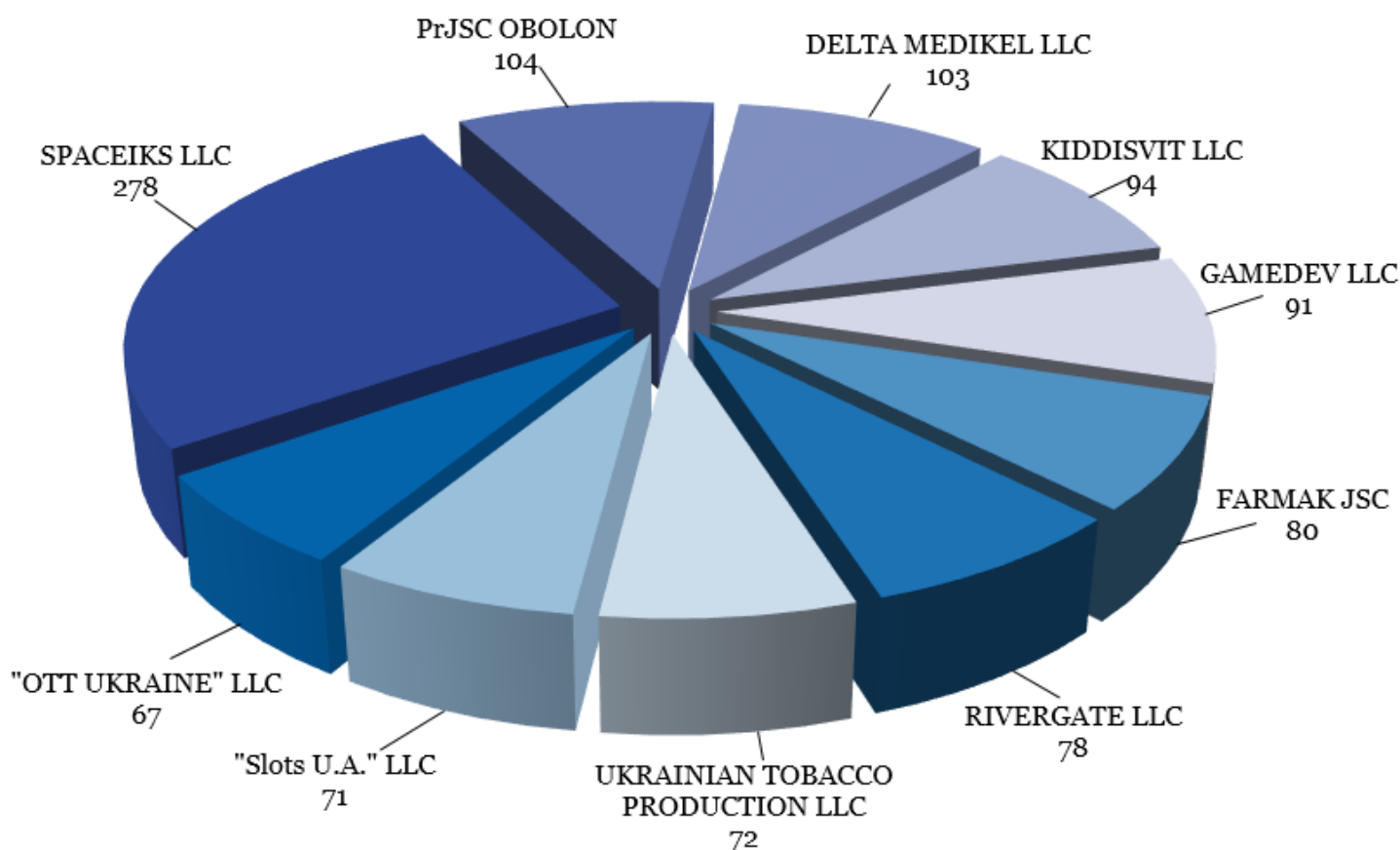


Figure 24. National Enterprises with the Highest Number of Trademark Applications in 2023

The leading foreign companies in terms of the number of applications for trademarks in 2023 (figure 25):

GSH Trademarks Limited (Cyprus)

Mistral Capital Management Limited (the United Kingdom)

Philip Morris Products S.A. (Switzerland)

RIA.com Marketplaces OU (Estonia)

British American Tobacco (Brands) Inc. (the USA)

British American Tobacco (Brands) Limited (the United Kingdom)

Aqua NRG Investments Limited (Cyprus)

Bayadera Management Limited (Cyprus)

Rothmans of Pall Mall Limited (Switzerland)

BiochemZusatzstoffe Handelsund Produktionsgesellschaft mbH (Germany)

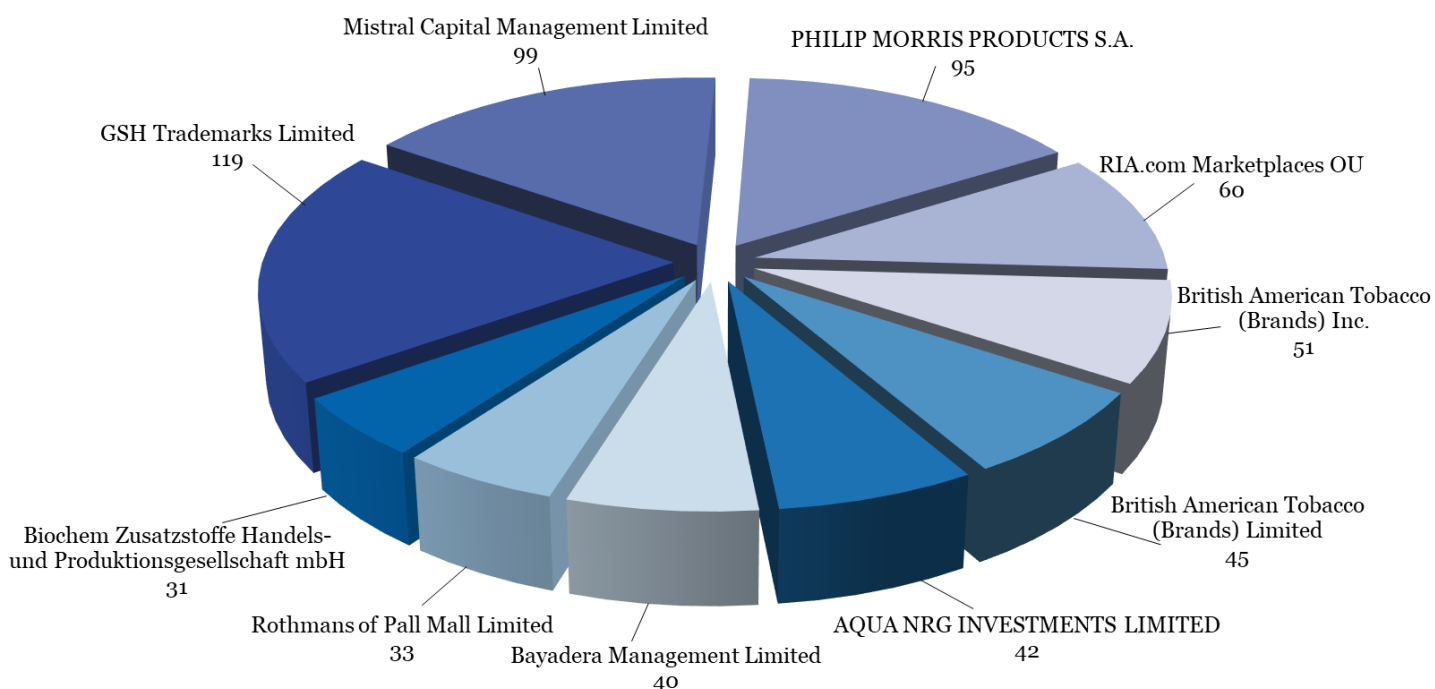


Figure 25. Foreign Companies with the Highest number of Trademark Applications in 2023

Distribution of Resident Applications for Inventions by Technology Fields in 2019-2023

	2019	2020	2021	2022	2023
Total	2,103	1,370	1,296	793	1,010
<i>Electrical engineering</i>					
Electrical machinery, apparatus, energy	96	70	62	35	44
Audio-visual technology	8	7	4	5	4
Telecommunications	15	21	13	2	7
Digital communication	6	7	3	–	1
Basic communication processes	11	16	12	7	7
Computer technology	31	27	32	14	15
IT methods for management	11	4	5	3	1
Semiconductors	9	5	4	3	4
<i>Instruments</i>					
Optics	12	6	15	6	8
Measurement	142	101	89	53	56
Analysis of biological materials	53	24	13	9	5
Control	42	25	27	17	7
Medical technology	147	98	61	27	48
<i>Chemistry</i>					
Organic fine chemistry	50	22	29	23	12
Biotechnology	27	17	12	11	12
Pharmaceuticals	154	76	65	30	43
Macromolecular chemistry, polymers	20	11	7	12	3
Food chemistry	103	55	46	44	28
Basic materials chemistry	62	43	45	15	13
Materials, metallurgy	82	77	81	60	70
Surface technology, coating	51	40	46	23	18
Micro-structural and nano-technology	13	7	12	10	6
Chemical engineering	113	62	48	36	32
Environmental technology	41	29	29	16	19
<i>Mechanical engineering</i>					
Handling	52	36	26	19	8
Machine tools	62	48	25	32	30
Engines, pumps, turbines	115	72	62	26	30
Textile and paper machines	14	3	4	5	8
Other special machines	156	86	110	76	68
Thermal processes and apparatus	46	30	19	14	20
Mechanical elements	59	26	40	15	14
Transport	88	46	75	45	28
<i>Others</i>					
Furniture, games	23	22	22	9	7
Other consumer goods	21	19	16	10	8
Civil engineering	108	67	74	36	52
Unknown	60	65	63	45	274

Distribution of Non-resident Applications for Inventions by Technology Fields in 2019-2023

	2019	2020	2021	2022	2023
Total	1,753	1,824	2,094	1,965	1,901
<i>Electrical engineering</i>					
Electrical machinery, apparatus, energy	32	24	38	40	45
Audio-visual technology	6	10	23	19	4
Telecommunications	2	5	6	5	2
Digital communication	3	17	12	12	4
Basic communication processes	1	4	1	—	1
Computer technology	18	24	20	25	18
IT methods for management	8	11	14	7	10
Semiconductors	—	—	1	1	4
<i>Instruments</i>					
Optics	2	1	1	2	3
Measurement	26	18	34	23	24
Analysis of biological materials	8	11	17	11	18
Control	9	7	13	7	8
Medical technology	44	40	35	32	25
<i>Chemistry</i>					
Organic fine chemistry	165	184	190	200	155
Biotechnology	194	171	200	226	169
Pharmaceuticals	352	395	454	407	332
Macromolecular chemistry, polymers	30	24	18	14	10
Food chemistry	63	63	52	62	52
Basic materials chemistry	157	143	174	148	145
Materials, metallurgy	75	79	78	80	94
Surface technology, coating	21	37	30	28	24
Micro-structural and nano-technology	—	—	1	1	1
Chemical engineering	48	45	41	38	42
Environmental technology	14	10	19	9	15
<i>Mechanical engineering</i>					
Handling	52	24	41	26	40
Machine tools	32	22	28	22	18
Engines, pumps, turbines	31	41	37	30	31
Textile and paper machines	21	10	17	18	15
Other special machines	108	97	103	102	103
Thermal processes and apparatus	21	18	22	23	24
Mechanical elements	20	30	20	21	20
Transport	24	38	28	26	32
<i>Others</i>					
Furniture, games	21	18	26	12	20
Other consumer goods	96	138	225	220	260
Civil engineering	45	47	66	54	60
Unknown	4	18	9	14	73

**Distribution of Resident Applications for Inventions from Legal Entities by Economic Activities
in 2019-2023**

	2019	2020	2021	2022	2023
Total	1,183	768	749	511	565
Agriculture, forestry and fishing	7	–	–	–	1
Mining and quarrying	2	–	–	–	4
Manufacturing, including	47	50	28	14	16
Manufacture of food products, beverages and tobacco	1	5	1	1	2
Manufacture of textiles and textile products, leather and leather products	–	–	–	–	1
Manufacture of wood and wood products, paper and paper products; publishing and printing	1	–	–	1	–
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	5	1	4	1	–
Manufacture of basic pharmaceutical products and pharmaceutical preparations	3	1	1	–	2
Manufacture of rubber and plastic products	7	3	–	–	–
Manufacture of fabricated metal products, except machinery and equipment	5	3	–	2	1
Manufacture of computer, electronic and optical products	6	5	3	2	2
Manufacture of electrical equipment	5	13	1	2	–
Manufacture of machinery and equipment n.e.c.	12	12	10	3	3
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	2	5	7	2	1
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	–	2	1	–	4
Electricity, gas, steam and air conditioning supply	–	1	–	–	–
Water supply; sewerage, waste management and remediation activities	–	1	–	–	–
Construction	–	1	3	–	2
Wholesale and retail trade; repair of motor vehicles and motorcycles	10	10	12	4	4
Transportation and storage	5	–	–	–	–
Information and communication	5	10	4	2	4
Financial and insurance activities	–	–	–	–	–
Real estate activities	–	–	–	–	–
Professional, scientific and technical activities	349	251	222	146	149
Scientific research and development	323	225	197	145	146
Administrative and support service activities	–	–	3	–	–
Education	733	435	471	323	339
Human health and social work activities	22	7	2	1	–
Other	3	2	4	21	46

Distribution of Resident Applications for Utility Models from Legal Entities by Economic Activities in 2019-2023

	2019	2020	2021	2022	2023
Total	5,659	3,191	2,838	1,492	2,148
Agriculture, forestry and fishing	7	10	3	2	6
Mining and quarrying	19	10	15	11	11
Manufacturing, including	203	166	117	52	50
Manufacture of food products, beverages and tobacco	16	7	7	–	2
Manufacture of textiles and textile products, leather and leather products	2	1	1	–	4
Manufacture of wood and wood products, paper and paper products; publishing and printing	4	5	1	1	–
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	5	3	2	2	–
Manufacture of basic pharmaceutical products and pharmaceutical preparations	9	–	4	5	3
Manufacture of rubber and plastic products	17	18	10	9	7
Manufacture of fabricated metal products, except machinery and equipment	17	18	13	5	4
Manufacture of computer, electronic and optical products	23	8	6	1	3
Manufacture of electrical equipment	14	12	4	5	2
Manufacture of machinery and equipment n.e.c.	73	58	44	8	18
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	19	33	18	15	5
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	4	3	7	1	2
Electricity, gas, steam and air conditioning supply	–	1	–	–	–
Water supply; sewerage, waste management and remediation activities	–	4	–	–	1
Construction	7	2	3	–	1
Wholesale and retail trade; repair of motor vehicles and motorcycles	38	43	27	21	20
Transportation and storage	8	7	4	5	5
Information and communication	26	10	14	–	5
Financial and insurance activities	2	1	2	–	–
Real estate activities	9	2	2	–	1
Professional, scientific and technical activities	1,514	517	483	282	351
Scientific research and development	1,465	477	445	276	342
Administrative and support service activities	4	4	1	–	4
Education	3,686	2,318	2,115	1,029	1,570
Human health and social work activities	114	68	25	11	7
Other	22	28	27	79	116

**Distribution of Resident Applications for Inventions and Utility Models from Legal Entities by
Economic Activities in 2019-2023**

	2019	2020	2021	2022	2023
Total	6,842	3,959	3,587	2,003	2,713
Agriculture, forestry and fishing	14	10	3	2	7
Mining and quarrying	21	10	15	11	15
Manufacturing, including	250	216	145	66	66
Manufacture of food products, beverages and tobacco	17	12	8	1	4
Manufacture of textiles and textile products, leather and leather products	2	1	1	–	5
Manufacture of wood and wood products, paper and paper products; publishing and printing	5	5	1	2	–
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	10	4	6	3	–
Manufacture of basic pharmaceutical products and pharmaceutical preparations	12	1	5	5	5
Manufacture of rubber and plastic products	24	21	10	9	7
Manufacture of fabricated metal products, except machinery and equipment	22	21	13	7	5
Manufacture of computer, electronic and optical products	29	13	9	3	5
Manufacture of electrical equipment	19	25	5	7	2
Manufacture of machinery and equipment n.e.c.	85	70	54	11	21
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	21	38	25	17	6
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	4	5	8	1	6
Electricity, gas, steam and air conditioning supply	–	2	–	–	–
Water supply; sewerage, waste management and remediation activities	–	5	–	–	1
Construction	7	3	6	–	3
Wholesale and retail trade; repair of motor vehicles and motorcycles	48	53	39	25	24
Transportation and storage	13	7	4	5	5
Information and communication	31	20	18	2	9
Financial and insurance activities	2	1	2	–	–
Real estate activities	9	2	2	–	1
Professional, scientific and technical activities	1,863	768	705	428	500
Scientific research and development	1,788	702	642	421	488
Administrative and support service activities	4	4	4	–	4
Education	4,419	2,753	2,586	1,352	1,909
Human health and social work activities	136	75	27	12	7
Other	25	30	31	100	162

Distribution of Resident Applications for Inventions and Utility Models from Legal Entities by Government Agencies in 2019-2023

	2019	2020	2021	2022	2023
Total	6,323	3,544	3,243	1,792	2,397
Ministry of Education and Science of Ukraine	3,264	1,951	2,033	1,157	1,526
The National Academy of Sciences of Ukraine	643	360	380	245	300
Ministry of Health of Ukraine	1,648	701	431	77	180
Ministry of Defence of Ukraine	46	45	42	51	109
The National Academy of Agrarian Sciences (NAAS) of Ukraine	168	155	120	72	90
State Emergency Service of Ukraine	68	54	64	46	58
National Academy of Medical Sciences of Ukraine	257	139	71	48	36
State Reserve Agency of Ukraine	–	–	9	15	27
Cabinet of Ministers of Ukraine	29	12	22	13	14
Ministry of Internal Affairs of Ukraine	21	22	20	22	14
The State Concern UkrOboronProm	18	11	7	23	14
Ministry of Economy of Ukraine	31	6	6	4	6
Security Service of Ukraine	1	14	5	4	4
Other	129	74	33	15	19

Higher Educational Institutions of Ukraine with the Highest Inventive Activity Based on Applications for Inventions and Utility Models in 2019-2023

	2019	2020	2021	2022	2023
Total	4,419	2,753	2,586	1,352	1,909
Vinnitsia National Technical University	110	71	105	32	138
National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»	196	44	48	51	97
Ivan Kozhedub National Air Force University	10	15	28	35	91
Lviv Polytechnic National University	79	64	63	72	85
Kryvyi Rih National University	30	37	34	36	63
Kharkiv National Automobile and Highway University	56	33	67	22	61
National University of Life and Environmental Sciences of Ukraine	218	98	99	61	60
National Pirogov Memorial Medical University, Vinnytsya	49	110	28	3	59
Ternopil Ivan Puluj National Technical University	52	54	17	27	53
National University of Food Technologies	243	61	42	35	50
Ukrainian State University of Railway Transport	12	21	83	91	49
National University of Civil Protection of Ukraine	58	41	55	41	48
Central Ukrainian National Technical University	46	32	39	27	45
Lutsk National Technical University	21	18	33	28	41
National Technical University «Kharkiv Polytechnic Institute»	171	56	67	24	33
Dnipro University of Technology	25	36	40	31	33
National University «Odessa Maritime Academy»»	10	20	26	14	28
Oles Honchar Dnipro National University	46	24	20	25	26
Sumy State University	50	46	38	25	26
Donetsk National Technical University	14	20	19	2	26
Volodymyr Dahl East Ukrainian National University	27	30	53	30	24
Uman National University of Horticulture	30	16	36	34	24
Odesa National University of Technology	94	44	30	21	23
Uzhhorod National University	69	66	46	31	22
Sumy National Agrarian University	28	25	6	15	22
Higher Educational Institution «Podillia State University»	11	1	12	12	22
Mykolayiv National Agrarian University	54	3	7	3	21
I. Horbachevsky Ternopil National Medical University	211	232	234	7	21
Ivan Franko National University of Lviv	26	12	7	17	21
The National University of Water and Environmental Engineering	45	30	19	29	21
Other	2,328	1,393	1,185	471	576

Scientific Organizations of Ukraine with the Highest Inventive Activity Based on Applications for Inventions and Utility Models in 2019-2023

	2019	2020	2021	2022	2023
Total	1,788	702	642	421	488
Institute of Engineering Thermophysics of NAS of Ukraine	35	25	26	10	43
The Ukrainian State Scientific Research Institute «Resurs»	–	–	9	15	27
M.S. Poliakov Institute of Geotechnical Mechanics of NAS of Ukraine	67	25	54	21	27
V. Bakul Institute for Superhard Materials	20	15	12	14	17
General Energy Institute of NAS of Ukraine	–	–	–	7	14
V.E. Lashkaryov Institute of Semiconductor Physics of NAS of Ukraine	26	11	14	17	13
Romodanov Neurosurgery Institute of National Academy of Medical Sciences of Ukraine	23	10	10	10	13
National Scientific Center «Institute of Experimental and Clinical Veterinary Medicine»	21	20	8	1	10
Institute of Pulse Processes and Technologies of NAS of Ukraine	16	11	5	5	9
Institute of Thermoelectricity	16	12	12	4	9
Institute for Problems in Materials Science of I.M.Fratsevich of NAS of Ukraine	17	8	12	–	9
L.V.Pisarzhevskii Institute of Physical Chemistry of NAS of Ukraine	27	7	11	15	8
Physical-Chemical Institute for Environmental and Human Protection under NAS and MES of Ukraine	16	25	9	9	8
Institute of Thermoelectricity under NAS and MES of Ukraine	17	6	10	5	7
Institute of Agricultural Microbiology and Agro-industrial Production of NAAS	4	3	2	–	7
Institute of Macromolecular Chemistry of NAS of Ukraine	24	5	6	11	6
Z.I. Nekrasov Institute of Ferrous Metallurgy of NAS of Ukraine	6	4	5	8	6
Institute for Scintillation Materials of NAS of Ukraine	11	6	5	5	6
Institute of Veterinary Medicine of NAAS of Ukraine	1	1	1	4	6
National Research Center "Institute of Agriculture of NAAS of Ukraine"	1	7	1	3	6
Institute of Vegetable and Melon of NAAS of Ukraine	2	4	–	1	6
E.O. Paton Electric Welding Institute of NAS of Ukraine	22	17	18	13	5
Sytenko Institute of Spine and Joint Pathology National Academy of Medical Sciences of Ukraine	13	7	7	4	5
Joint-Stock Company «Scientific and Technological Complex "ELECTROPRYLAD"»	–	–	2	4	5
O. V. Bogatsky Physico-Chemical Institute of NAS of Ukraine	8	5	5	3	5
Institute of Hydromechanics of NAS of Ukraine	5	–	1	3	5
Institute for Safety Problems of Nuclear Power Plants	–	–	5	3	5
V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry	19	7	–	2	5
Institute of Agroecology and Environmental Management of NAAS	10	1	5	1	5
Bukovina State Agricultural Experimental Station of NAAS of Ukraine	6	4	–	–	5
Other	1,355	456	387	223	186

Resident Applications for Inventions and Utility Models by Region of Ukraine in 2019-2023

	Utility Models					Inventions				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Total	8,344	5,059	4,335	2,320	3,427	2,103	1,370	1,296	793	1,010
The Autonomous Republic of Crimea	7	5	–	–	–	1	2	1	–	1
Vinnitsia	838	207	172	65	246	51	38	27	19	25
Volyn	57	62	58	40	71	4	6	10	6	3
Dnipropetrovsk	677	470	402	240	321	193	143	143	96	99
Donetsk	263	166	126	20	103	73	38	36	7	19
Zhytomyr	78	55	31	17	19	23	14	12	10	8
Zakarpattia	87	70	37	24	31	46	39	24	16	23
Zaporizhzhia	315	311	251	36	76	44	39	43	24	31
Ivano-Frankivsk	130	84	68	46	43	45	37	34	16	27
Kyiv Region	170	126	104	65	111	62	57	58	33	57
Kirovohrad	62	44	49	35	52	24	13	12	7	9
Luhansk	109	84	82	34	7	16	12	10	2	5
Lviv	341	204	188	145	184	96	59	74	62	91
Mykolayiv	144	64	64	20	53	25	18	18	9	8
Odesa	339	227	175	92	128	140	76	82	43	43
Poltava	220	152	136	89	99	26	18	16	2	9
Rivne	102	53	37	44	34	12	5	3	2	2
Sumy	117	81	73	60	81	23	24	33	20	23
Ternopil	342	320	302	56	101	30	24	11	9	27
Kharkiv	1,266	651	681	373	526	343	208	208	125	124
Kherson	117	85	56	22	21	24	23	13	5	5
Khmelnyskyi	83	58	63	47	73	9	9	4	1	5
Cherkasy	131	64	85	70	76	45	10	3	9	6
Chernivtsi	196	106	63	27	44	4	2	3	2	3
Chernihiv	47	23	30	21	24	17	14	9	2	4
Kyiv	2,104	1,285	1,001	630	900	727	442	408	266	353
Sevastopol	2	–	1	–	3	–	–	1	–	–
Objects with a limited access	–	2	–	2	–	–	–	–	–	–

Resident Applications for Inventions and Utility Models by Region of Ukraine in 2019-2023

	2019	2020	2021	2022	2023
Total	10,447	6,429	5,631	3,113	4,437
The Autonomous Republic of Crimea	8	7	1	–	1
Vinnitsia	889	245	199	84	271
Volyn	61	68	68	46	74
Dnipropetrovsk	870	613	545	336	420
Donetsk	336	204	162	27	122
Zhytomyr	101	69	43	27	27
Zakarpattia	133	109	61	40	54
Zaporizhzhia	359	350	294	60	107
Ivano-Frankivsk	175	121	102	62	70
Kyiv Region	232	183	162	98	168
Kirovohrad	86	57	61	42	61
Luhansk	125	96	92	36	12
Lviv	437	263	262	207	275
Mykolayiv	169	82	82	29	61
Odesa	479	303	257	135	171
Poltava	246	170	152	91	108
Rivne	114	58	40	46	36
Sumy	140	105	106	80	104
Ternopil	372	344	313	65	128
Kharkiv	1,609	859	889	498	650
Kherson	141	108	69	27	26
Khmelnyskyi	92	67	67	48	78
Cherkasy	176	74	88	79	82
Chernivtsi	200	108	66	29	47
Chernihiv	64	37	39	23	28
Kyiv	2,831	1,727	1,409	896	1,253
Sevastopol	2	–	2	–	3
Objects with a limited access	–	2	–	2	–

Resident Registrations for Inventions and Utility Models by Region of Ukraine in 2019-2023

	Utility Models					Inventions				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Total	8,288	6,229	4,214	2,031	2,675	1,248	1,086	990	630	429
The Autonomous Republic of Crimea	8	4	5	–	–	2	3	1	–	1
Vynnytsia	758	314	166	63	231	19	17	22	8	8
Volyn	42	39	54	26	68	4	3	4	1	4
Dnipropetrovsk	647	526	442	216	233	118	122	85	83	37
Donetsk	269	220	114	31	47	32	34	36	12	13
Zhytomyr	68	60	30	13	19	15	14	11	2	1
Zakarpattia	77	77	51	14	24	20	21	26	12	14
Zaporizhzhia	403	245	259	64	47	29	25	19	14	14
Ivano-Frankivsk	121	102	62	38	46	30	20	19	14	11
Kyiv Region	125	135	112	48	75	47	31	24	32	21
Kirovohrad	71	56	51	30	46	18	15	16	6	1
Luhansk	128	89	85	29	–	10	3	9	2	1
Lviv	331	263	180	98	160	66	61	58	35	14
Mykolayiv	151	84	61	29	27	22	12	13	8	3
Odesa	328	287	152	88	76	104	92	62	35	16
Poltava	231	183	126	79	69	5	11	9	8	5
Rivne	97	67	45	24	39	3	1	–	–	2
Sumy	81	116	62	40	56	11	17	15	9	8
Ternopil	332	357	292	44	63	11	10	18	8	7
Kharkiv	1,208	937	538	397	453	201	176	149	91	62
Kherson	106	88	58	20	22	6	4	3	2	2
Khmelnyskyi	105	66	60	35	57	4	2	2	1	1
Cherkasy	83	98	71	36	76	9	7	14	4	4
Chernivtsi	211	140	79	37	23	4	3	3	2	1
Chernihiv	55	30	28	18	16	12	14	9	7	3
Kyiv	2,249	1,644	1,031	513	700	446	367	363	234	175
Sevastopol	3	–	–	1	–	–	1	–	–	–
Objects with a limited access	–	2	–	–	2	–	–	–	–	–

Distribution of Resident Registrations for Both Inventions and Utility Models from Legal Entities by Economic Activities in 2019-2023

	2019	2020	2021	2022	2023
Total	6,675	4,718	3,423	1,627	2,200
Agriculture, forestry and fishing	14	9	4	–	3
Mining and quarrying	29	11	15	8	14
Manufacturing, including	209	196	180	54	63
Manufacture of food products, beverages and tobacco	13	11	13	1	–
Manufacture of textiles and textile products, leather and leather products	–	2	1	1	2
Manufacture of wood and wood products, paper and paper products; publishing and printing	6	5	2	1	–
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	5	5	5	–	3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	19	5	7	2	3
Manufacture of rubber and plastic products	11	17	25	9	8
Manufacture of fabricated metal products, except machinery and equipment	27	15	15	10	3
Manufacture of computer, electronic and optical products	19	16	9	6	5
Manufacture of electrical equipment	13	14	13	3	11
Manufacture of machinery and equipment n.e.c.	66	77	53	15	8
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	22	23	31	5	19
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	8	6	6	1	1
Electricity, gas, steam and air conditioning supply	1	1	–	–	–
Water supply; sewerage, waste management and remediation activities	1	1	2	–	1
Construction	7	2	4	1	–
Wholesale and retail trade; repair of motor vehicles and motorcycles	35	39	44	10	23
Transportation and storage	10	5	6	3	4
Information and communication	32	17	18	14	2
Financial and insurance activities	2	–	3	–	–
Real estate activities	6	5	2	–	1
Professional, scientific and technical activities	1,607	982	633	393	401
Scientific research and development	1548	907	584	364	398
Administrative and support service activities	3	5	2	1	–
Education	4,590	3,286	2,451	1,090	1,571
Human health and social work activities	96	121	24	8	15
Other	33	38	35	45	102

**Non-resident Applications for Trademarks under the National Procedure
by Origin in 2019-2023**

	2019	2020	2021	2022	2023
Total	3,913	4,059	4,327	2,344	2,767
The United States of America	447	623	438	283	392
Cyprus	778	789	862	479	392
Switzerland	409	423	459	202	300
The United Kingdom	232	196	207	155	237
China	284	205	300	172	185
Germany	100	152	225	106	147
Poland	98	79	107	68	141
Estonia	30	27	45	13	71
Japan	94	119	81	46	59
India	199	107	147	38	47
The Republic of Korea	106	115	88	83	45
Hong Kong, China	26	55	35	34	43
France	68	61	121	29	39
Singapore	27	33	34	23	39
Lithuania	52	37	27	15	37
The Netherlands	43	68	79	68	36
Türkiye	34	51	65	30	36
Latvia	32	10	9	5	33
Austria	24	33	44	14	27
Portugal	3	2	6	3	26
Israel	46	45	24	18	26
The United Arab Emirates	36	45	87	26	23
Bulgaria	11	16	14	3	21
Other	734	768	823	431	365

Trademark Applications Filed (under the Madrid system) by Country of Origin in 2023

	Madrid registration procedure		
	Protocol	Protocol	Total
Total	2,473	3,093	5,566
European Union Intellectual Property Office (EUIPO)	1,019	–	1,019
China	–	715	715
The United States of America	514	–	514
Germany	–	474	474
France	–	316	316
Switzerland	–	290	290
Türkiye	248	–	248
Italy	–	244	244
The United Kingdom	180	–	180
Benelux Office for Intellectual Property (BOIP)	–	162	162
Bulgaria	–	142	142
The Republic of Korea	141	–	141
Japan	108	–	108
Hungary	–	83	83
Austria	–	76	76
Poland	–	74	74
The Czech Republic	–	57	57
Australia	46	–	46
Spain	–	43	43
Singapore	42	–	42
Canada	–	38	38
Israel	35	–	35
Other	140	379	519