

INTELLECTUAL PROPERTY IN FIGURES

Activity indicators in the field of
intellectual property
for 9 months of 2024

2024

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

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Kyiv – 2024

The statistical and analytical booklet «Intellectual Property in Figures» of the UANIPIO (IP Office) reflects information on the main indicators of activity in the field of intellectual property for 9 months of 2024, in particular: statistics on the filing and registration for industrial property rights protection (inventions, utility models, industrial designs, trademarks) and copyright objects, as well as analysis of the inventive activity of resident applicants and business activity in Ukraine.

The booklet can be used by a wide range of stakeholders who are interested not only in numbers themselves, but also in how they reflect changes in real time and thus provide important information for analysis, comparison, and decision-making.

IP Office:

- Address: 1 Dmytro Hodzenko Str.(1 Hlazunov Str.), Kyiv, 01601, Ukraine
- E-mail: office@nipo.gov.ua
- Website: <http://nipo.gov.ua>
- Facebook: <https://www.facebook.com/UANIPIO>
- Instagram: https://www.instagram.com/uanipio_official
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I. Main Performance Indicators

1. Common Tendencies

Ukraine's economy continues to adapt to the challenges of wartime. One of these challenges, which has a significant impact on the field of intellectual property, is the shortage of qualified workers caused by migration and mobilization processes. According to the UN Refugee Agency, as of September 16, 2024, 6.79 million Ukrainian citizens were recorded worldwide who were forced to flee their country escaping from war.

In the Global Innovation Index 2024 (GII-2024) published by the World Intellectual Property Organization (WIPO), Ukraine ranked 60th, down 5 positions from last year, but continues to lead in terms of the number of filed utility model applications. According to WIPO, one of the main weaknesses of the Ukrainian economy is human capital. However, despite the deterioration of Ukraine's GII-2024 ranking as a result of the Russian invasion, which caused the destruction of infrastructure, population outflow and a tragic humanitarian crisis, global recovery is becoming an important element of the national economy's sustainability and innovative reconstruction of the war-torn country.

A total of 23,604 applications for industrial property rights protection were filed in 9 months of 2024 (Table 1, Figure 1), including:

- 1,920 patents filed (↘ 7.7%);
- 2,741 applications for utility models (↗ 9.3%);
- 820 applications for industrial designs (↘ 2.8%);
- 18,123 trademark applications (↘ 0.1%).

**Table 1. Applications for Industrial Property Rights Protection
in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	28,094	30,557	16,356	23,575	23,604	100.1%
Inventions, including PCT applications	2,276	2,428	1,934	2,080	1,920	92.3%
Utility models, including PCT applications	4,025	3,095	1,706	2,507	2,741	109.3%
Industrial designs (under the national procedure)	1,503	1,481	653	844	820	97.2%
Trademarks (under the national procedure)	20,290	23,553	12,061	18,144	18,123	99.9%

¹ Data for previous years have been updated

² Previous data

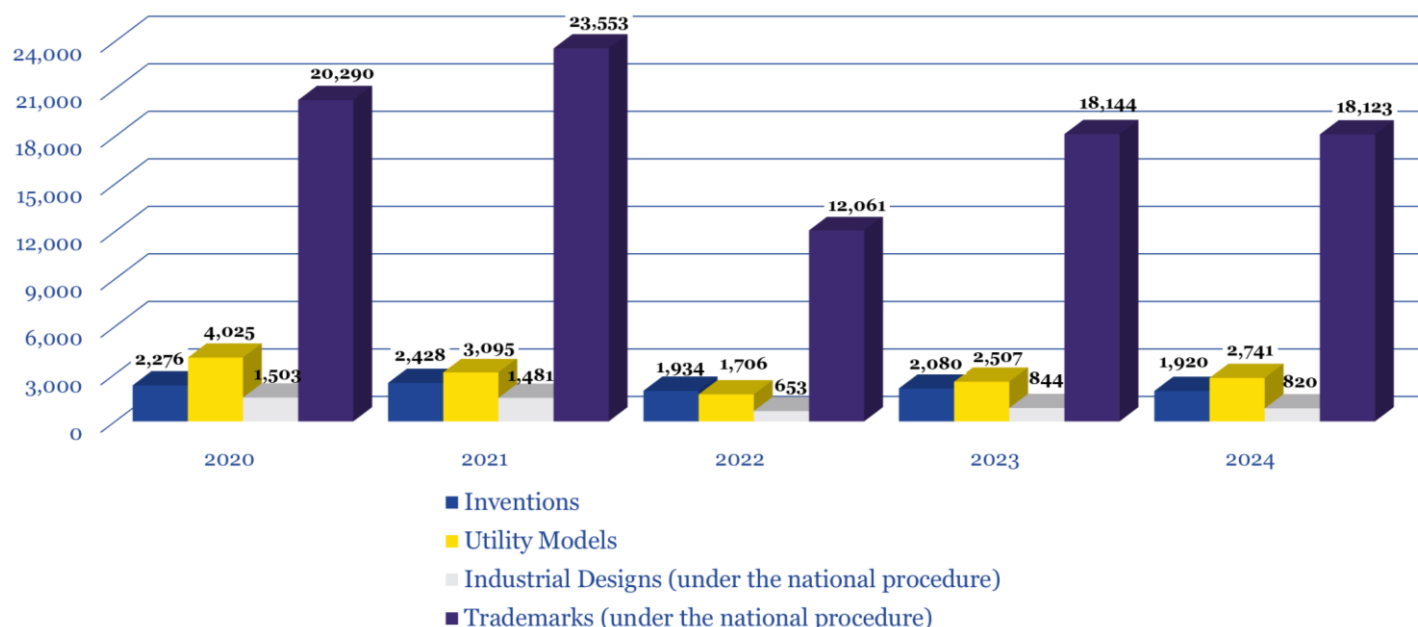


Figure 1. Dynamics of Applications for Industrial Property Rights Protection in 9 Months of the Year from 2020 to 2024

Following the results of 9 months of 2024, the registration rates for industrial property rights protection (Table 2, Figure 2) continue to grow. A total number of 15,222 industrial property objects rights were registered (↗ 10.4%), including:

- 903 inventions (↘ 1.2%);
- 2,408 utility models (↗ 30.6%);
- 731 industrial designs (↗ 62.4%);
- 11,180 trademark applications (↗ 5.7%).

Table 2. Industrial Property Rights Registrations in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024	2024 to 2023
Total	22,386	23,380	18,304	13,790	15,222	110.4%
Inventions, including PCT applications	1,614	1,756	1,373	914	903	98.8%
Utility models, including PCT applications	5,092	3,193	1,810	1,844	2,408	130.6%
Industrial designs (under the national procedure)	1,579	1,451	600	450	731	162.4%
Trademarks (under the national procedure)	14,101	16,980	14,521	10,582	11,180	105.7%

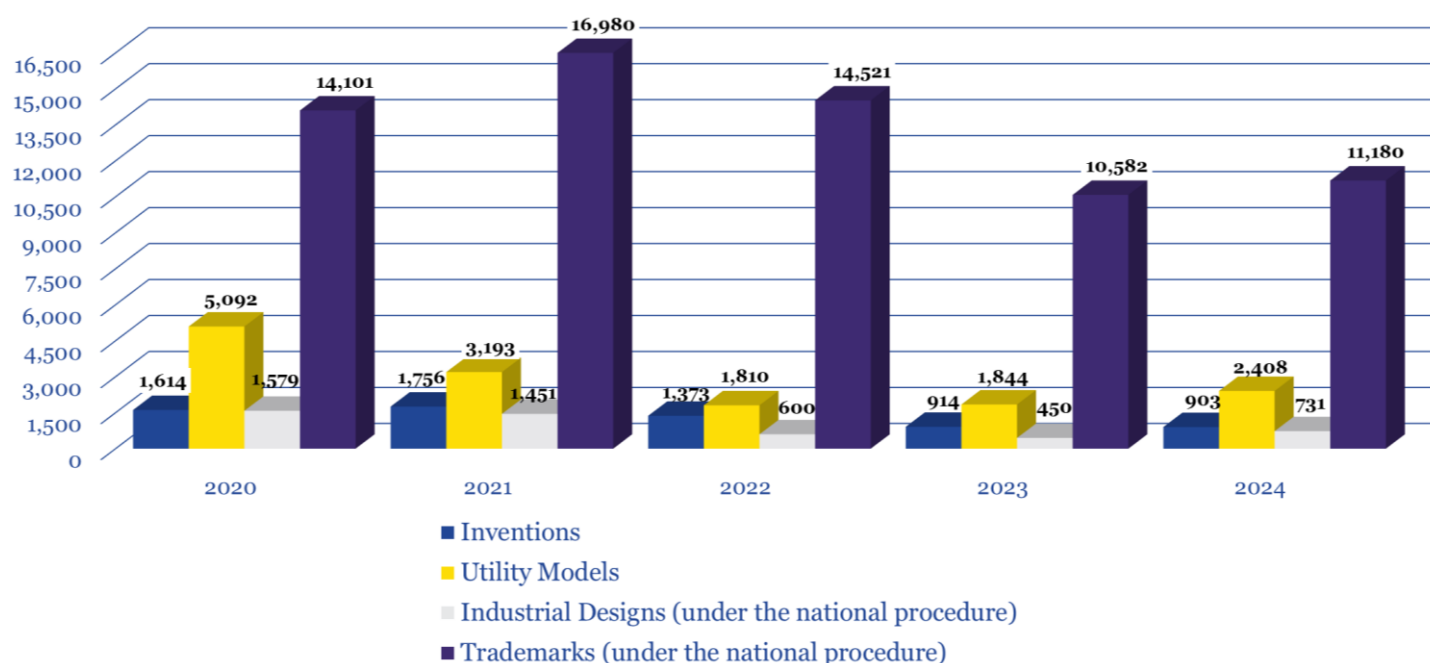


Figure 2. Dynamics of Industrial Property Rights Registrations in 9 Months of the Year from 2020 to 2024

Evaluating the indicators of filed applications and registrations for industrial property rights protection, it can be stated that the trends in the field of industrial property are generally positive.

2. Inventions

The number of applications for inventions filed in the first 9 months of 2024 remains at the same level as the previous war years.

A total of 1,920 applications for inventions were filed (↘ 7.7%), including: 831 (↘ 2.5%) – under the national procedure, and 1,089 (↘ 11.3%) – under the PCT procedure. Comparing the indicators of applications filed by resident and non-resident applicants for 9 months of 2020-2024, it can be noted that the share of applications filed by non-resident applicants in the current period continues to prevail and amounts to 64.4% (Table 3, Figure 3).

Table 3. Patents Filed in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	2,276	2,428	1,934	2,080	1,920	92.3%
Under the national procedure	1,141	1,114	674	852	831	97.5%
by resident applicants	940	903	502	719	682	94.9%
by non-resident applicants	201	211	172	133	149	112.0%
Under the PCT procedure	1,135	1,314	1,260	1,228	1,089	88.7%
including by resident applicants	1	5	2	4	2	50.0%

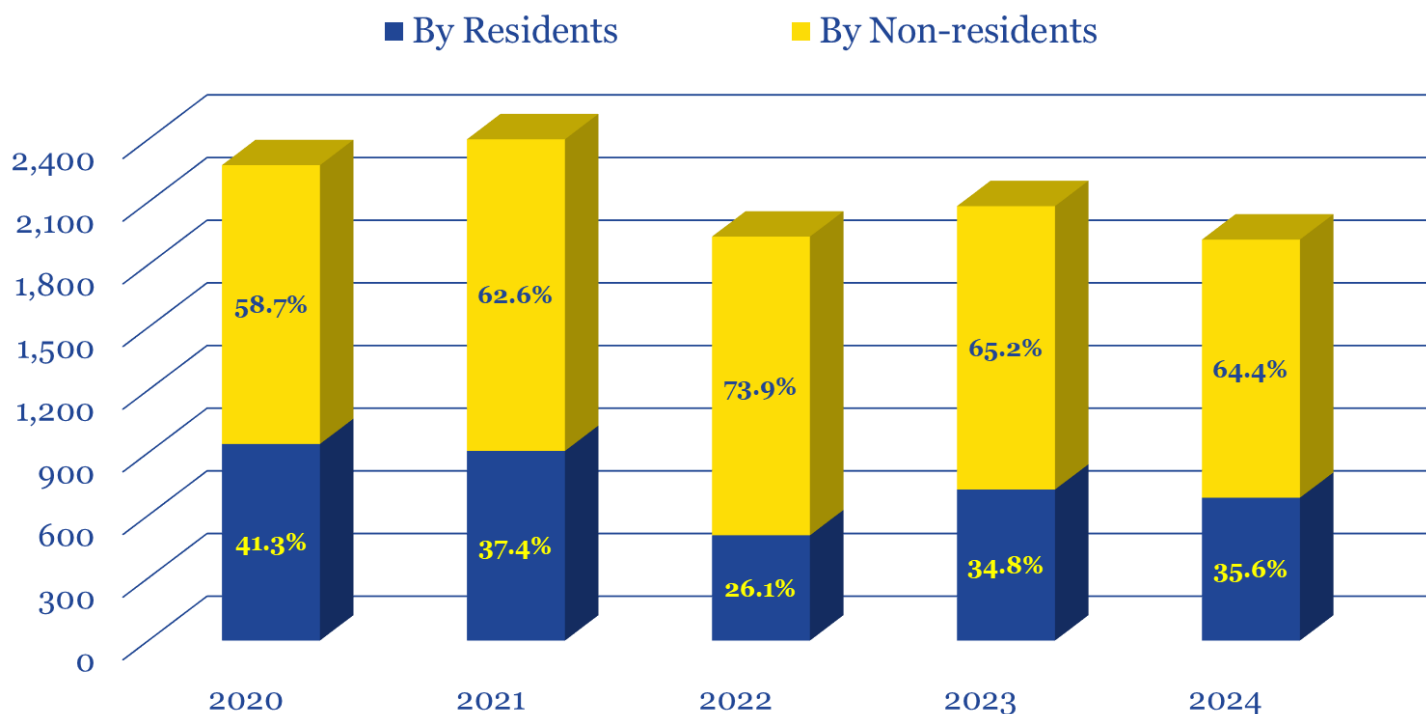


Figure 3. Dynamics of Patents Filed in 9 Months of the Year from 2020 to 2024

Applications filed under the PCT procedure (87.9%) significantly prevail among applications from non-resident applicants (Figure 4).

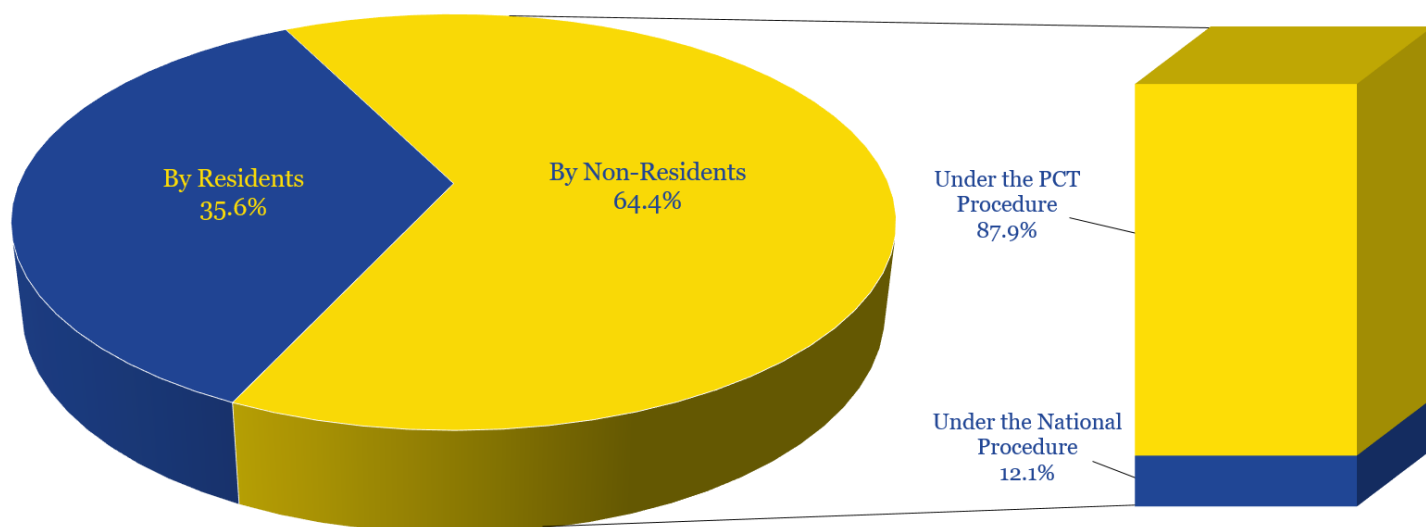


Figure 4. Correlation between Applications Filed by Resident and Non-Resident Applicants for 9 Months of 2024

In the first 9 months of 2024, the total number of applications for inventions from non-resident applicants decreased by 8.9% compared to the same period in 2023. The United States, the United Kingdom, Germany and Switzerland continue to be the leaders in filing applications. At the same time, the number of applications filed from such countries as Belgium (\nearrow 68.2%) and China (\nearrow 33.3%) increased significantly (Table 4, Figure 5).

Table 4. Non-Resident Applications by Origin in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	1,335	1,520	1,430	1,357	1,236	91.1%
United States of America	363	429	409	357	341	95.5%
United Kingdom	78	117	137	155	144	92.9%
Germany	171	155	147	141	116	82.3%
Switzerland	144	153	165	175	97	55.4%
Luxembourg	54	40	50	51	61	119.6%
China	69	99	65	36	48	133.3%
France	36	52	47	46	47	102.2%
Japan	41	51	51	38	37	97.4%
Belgium	21	35	40	22	37	168.2%
Italy	41	27	23	26	34	130.8%
Netherlands (Kingdom of the)	31	38	27	35	29	82.9%
Sweden	13	24	22	34	29	85.3%
Republic of Korea	24	39	27	48	28	58.3%
Denmark	31	20	36	11	16	145.5%
Other	218	241	184	182	172	94.5%

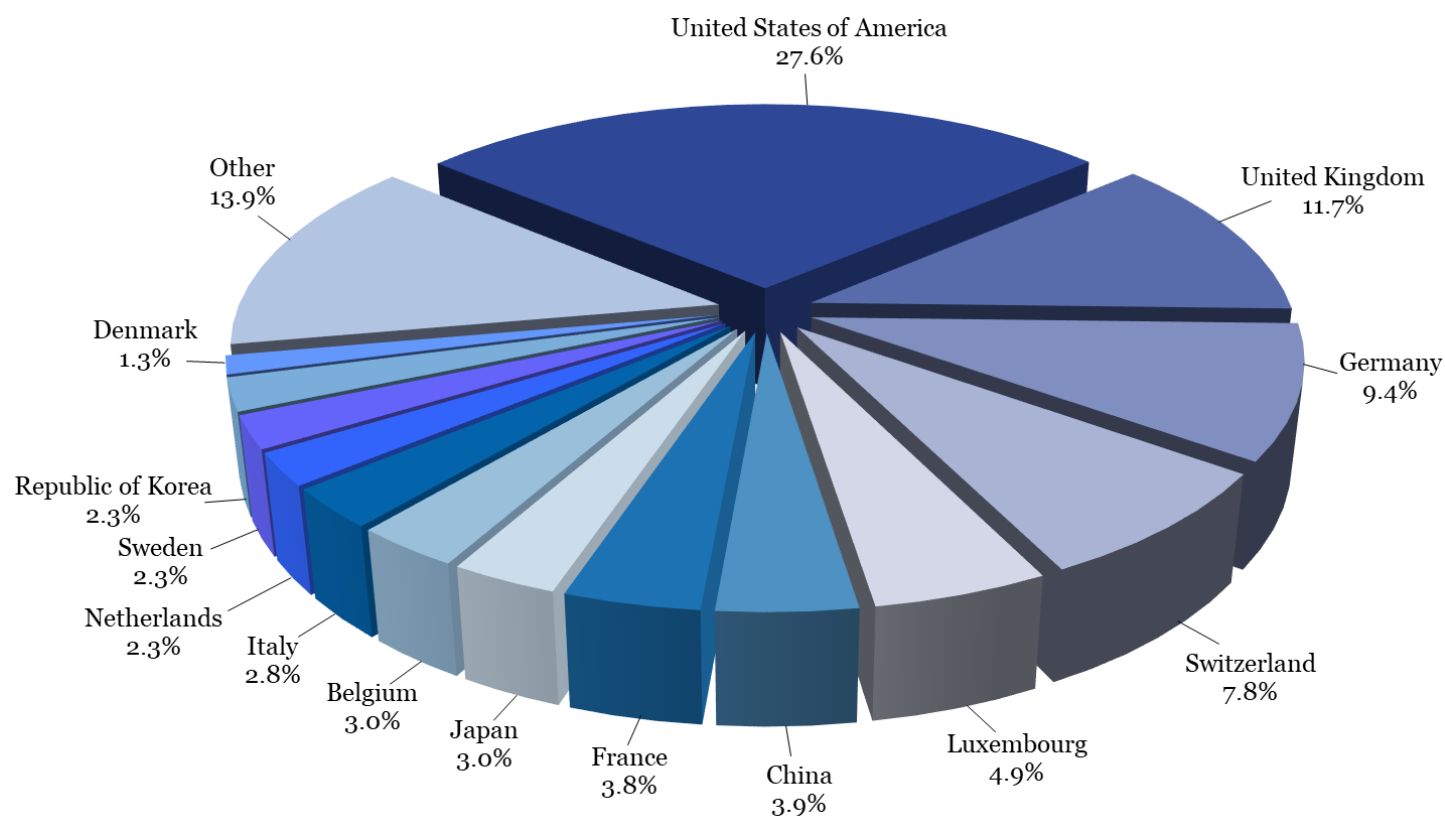


Figure 5. Non-Resident Applications for Inventions by Origin for 9 Months of 2024

Summarizing the indicators for the first 9 months of 2024, the number of registered inventions in the name of non-resident applicants increased (↗ 7.8%), while in the name of resident applicants slightly decreased (↘ 16.7%). Similarly to the filing indicators, the share of patents registered in the name of non-resident applicants has prevailed for the past 5 years (Table 5, Figure 6).

Table 5. Patents Granted in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024	2024 to 2023
Total	1,614	1,756	1,373	914	903	98.8%
to residents	793	753	550	336	280	83.3%
to non-residents	821	1,003	823	578	623	107.8%

■ By Residents ■ By Non-residents

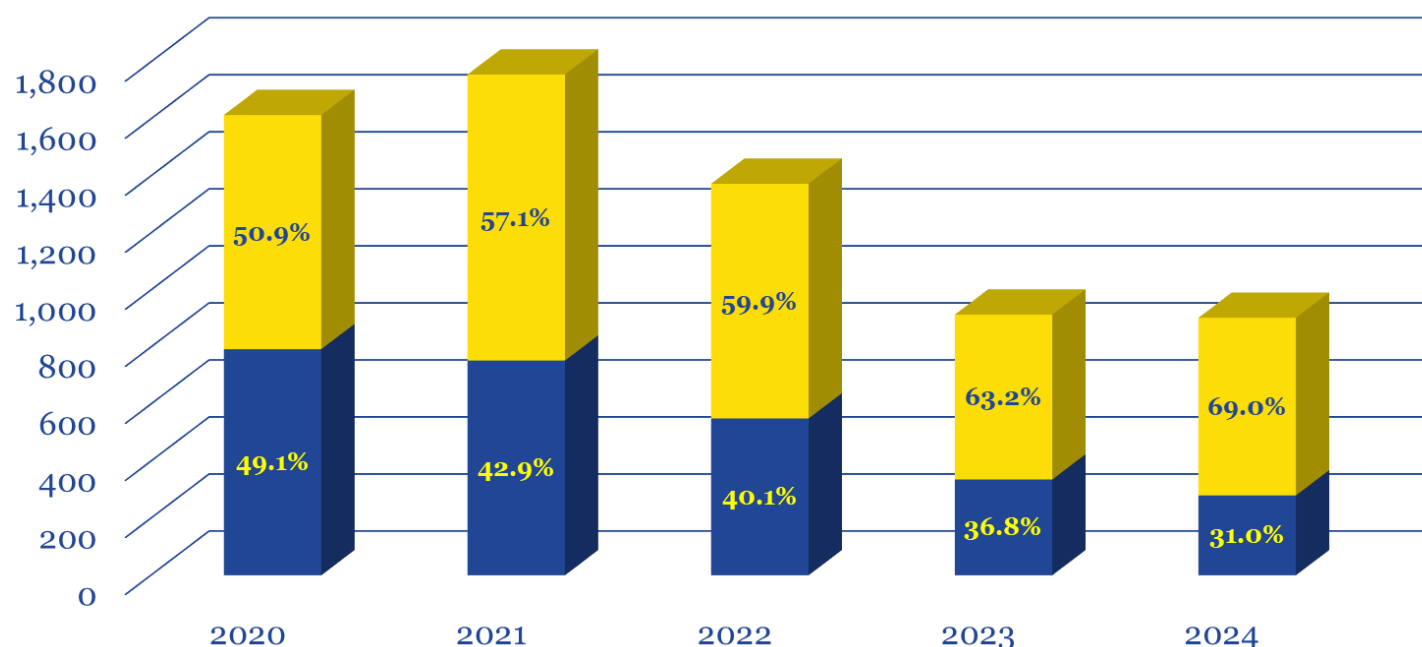


Figure 6. Dynamics of Patents Granted in 9 Months of the Year from 2020 to 2024

3. Utility Models

Following the results of 9 months of 2024, the indicator of filed applications for utility model shows a growth (\nearrow 9.3%) due to an increase in the number of applications from resident applicants – 2,689 (\nearrow 10.0%). However, utility models are not popular among non-resident applicants: a total of 52 applications were filed (Table 6, Figure 7).

Table 6. Applications for Utility Models in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	4,025	3,095	1,706	2,507	2,741	109.3%
Under the national procedure	4,018	3,091	1,702	2,503	2,740	109.5%
by residents	3,825	3,026	1,664	2,444	2,689	110.0%
by non-residents	193	65	38	59	51	86.4%
Under the PCT procedure	7	4	4	4	1	25.0%
including by residents	–	–	–	2	–	–

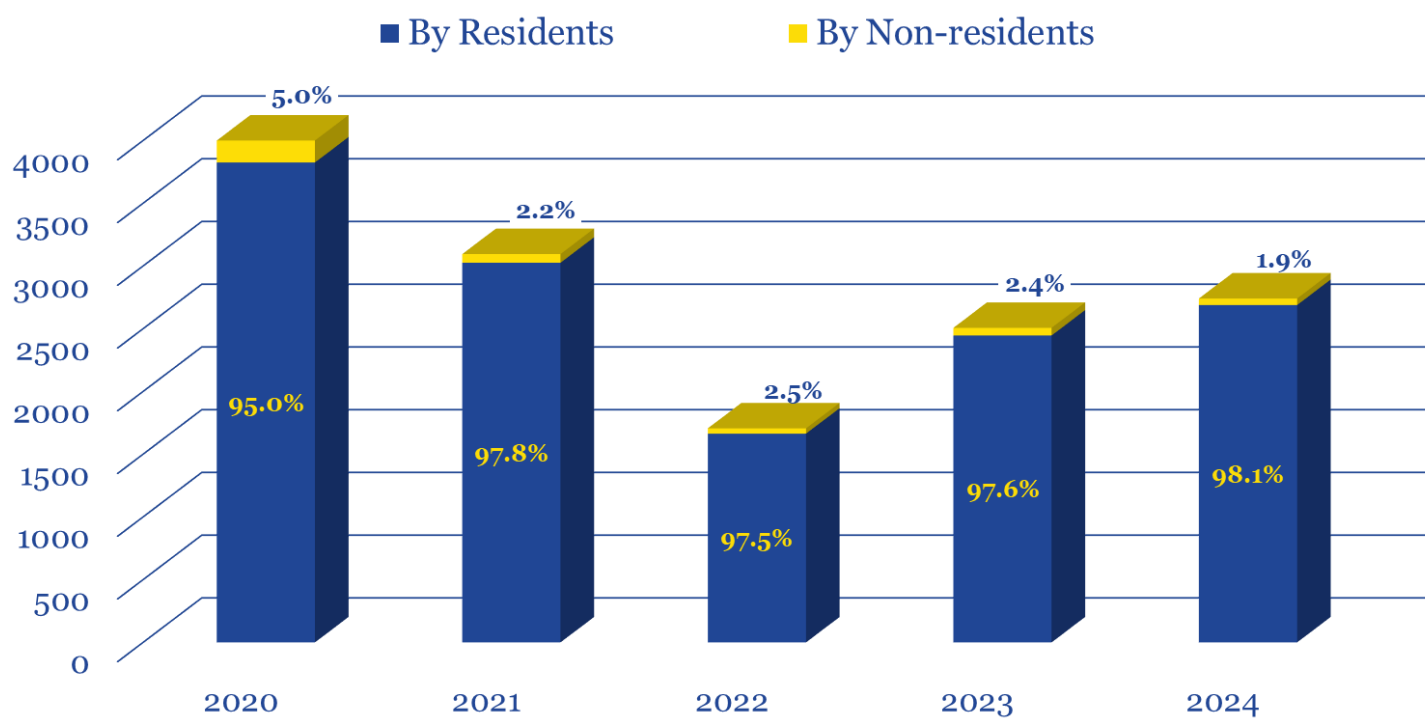


Figure 7. Dynamics of Applications for Utility Models Filed in 9 Months of the Year from 2020 to 2024

In the first 9 months of 2024, the number of utility model registrations increased significantly, both in the name of resident applicants – 2,351 patents (\nearrow 29.2%) and non-resident applicants – 57 patents (\nearrow 128.0%) (Table 7, Figure 8).

Table 7. Utility Models Registrations in the 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024	2024 to 2023
Total	5,092	3,193	1,810	1,844	2,408	130.6%
to residents	4,996	3,070	1,774	1,819	2,351	129.2%
to non-residents	96	123	36	25	57	228.0%

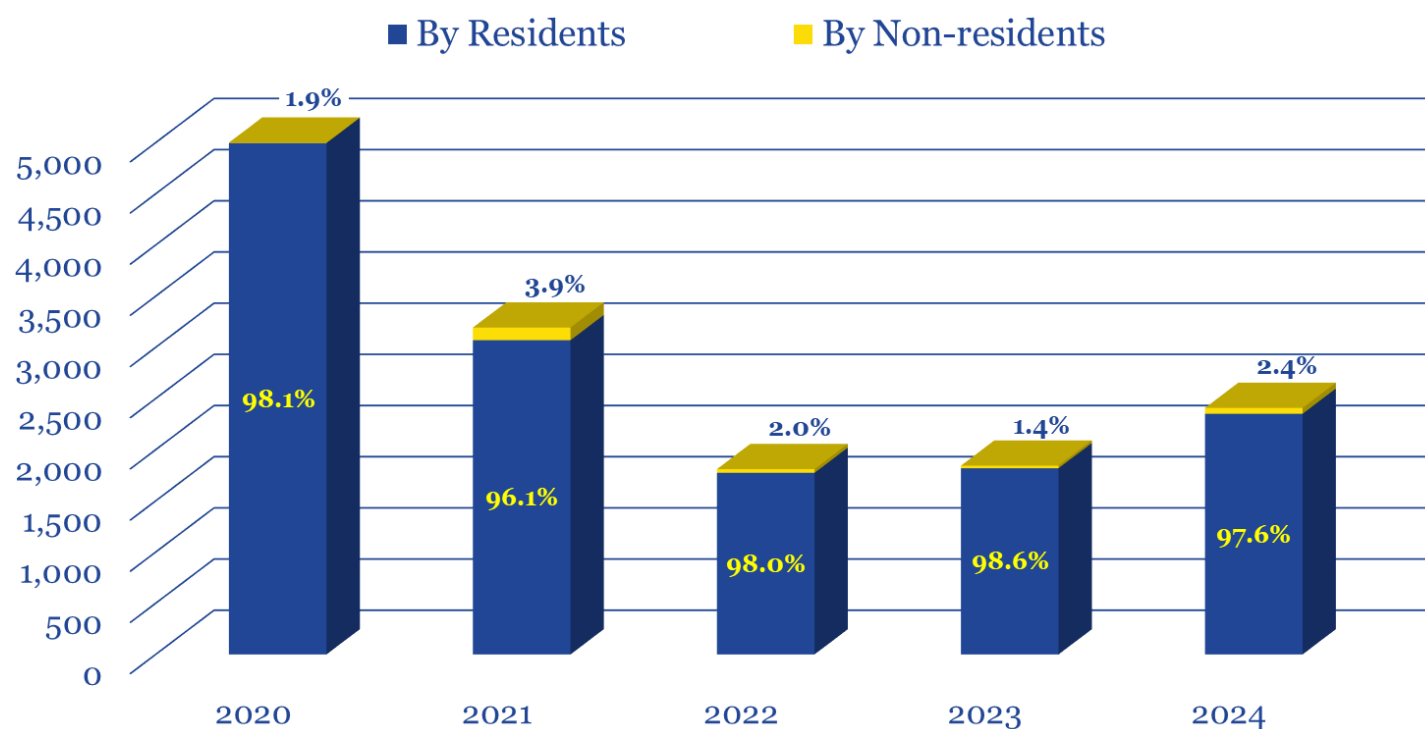


Figure 8. Dynamics of Utility Models Registrations in 9 Months of the Year from 2020 to 2024

4. Industrial Designs

After the recession in 2022, the number of industrial design applications filed by resident applicants gradually increased and reached 751 applications (↗ 1.1%). The share of applications from non-resident applicants, as in previous years, is insignificant – 8.4% (69 applications) (Table 8, Figure 9).

Table 8. Applications for Industrial Designs (under the National Procedure) Filed in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	1,503	1,481	653	844	820	97.2%
by residents	1,316	1,356	581	743	751	101.1%
by non-residents	187	125	72	101	69	68.3%

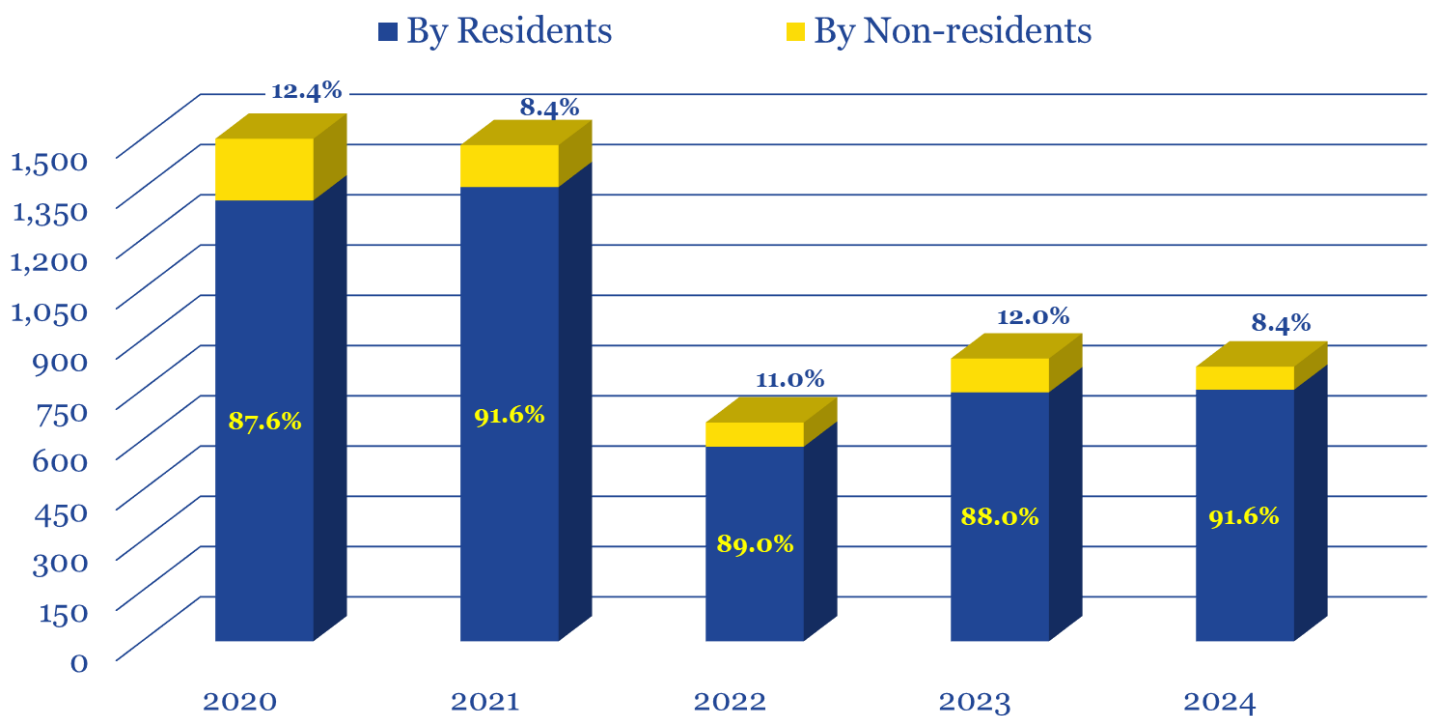


Figure 9. Dynamics of Industrial Designs Applications (under the National Procedure) Filed in 9 Months of the Year from 2020 to 2024 *

Following the results of 9 months of 2024, the number of industrial design registrations exceeds the indicators of 2022 and 2023 (Table 9, Figure 10). The number of industrial design registrations increased significantly both in the name of non-resident applicants – 119 (↗ 124.5%) and in the name of resident applicants – 612 (↗ 54.2%). The share of registrations in the name of non-resident applicants increased and amounted to 16.3%, which is the highest indicator for the last 5 years.

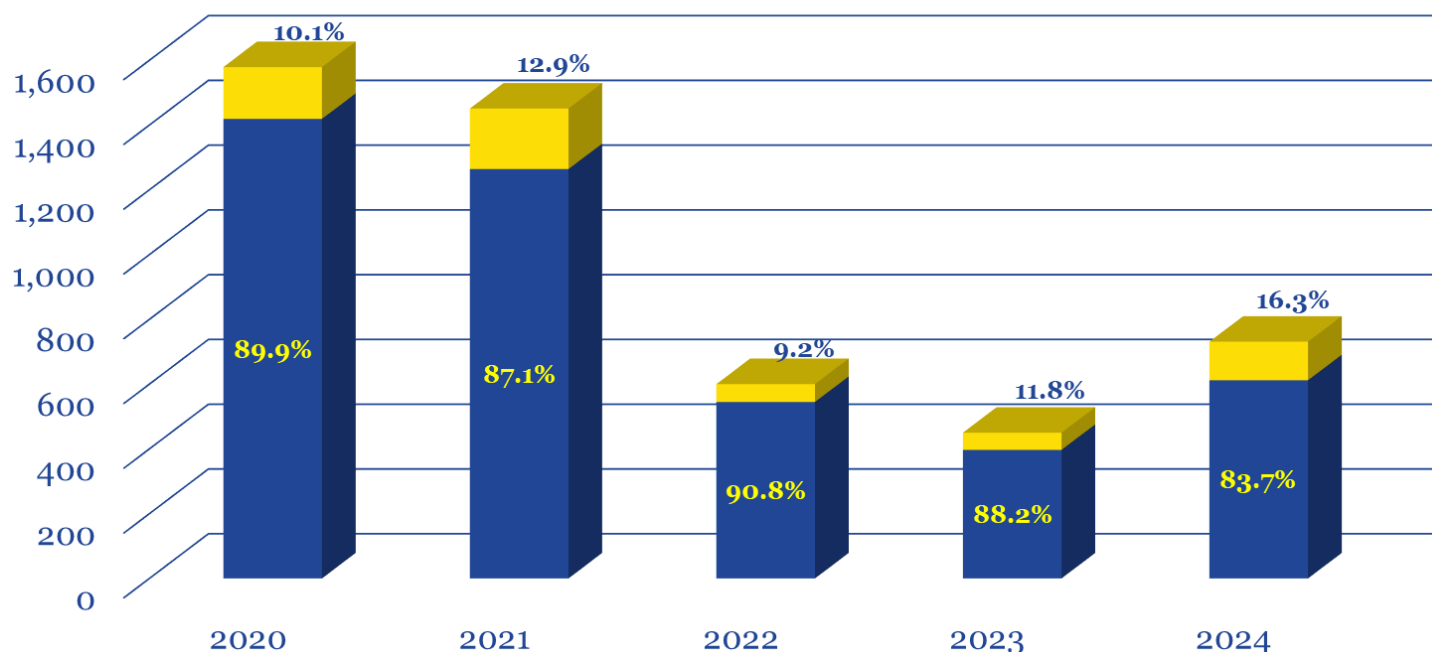
* Industrial design applications by regions of Ukraine are implemented in a form of Interactive Regional Maps, that are available on <https://nipo.gov.ua/en/statistics-reports/>

**Table 9. Industrial Design Registrations (under the National Procedure)
in 9 Months of the Year from 2020 to 2024**

	2020	2021	2022	2023	2024	2024 to 2023
Total	1,579	1,451	600	450	731	162.4%
to residents	1,419	1,264	545	397	612	154.2%
to non-residents	160	187	55	53	119	224.5%

■ By Residents

■ By Non-residents



**Figure 10. Dynamics of Industrial Design Registrations (under the National Procedure)
in the 9 Months of the Year from 2020 to 2024**

During the first 9 months of 2024, under the Hague Agreement Concerning the International Registration of Industrial Designs, the International Bureau of WIPO published information on 341 international registrations designating Ukraine for legal protection. The largest number of them are from the following countries: 96 (28.2% of the total) – from Switzerland, 29 (8.5%) – France, 24 (7.0%) – Italy, 21 (6.1%) – Germany, 20 (5.9%) – the USA, 17 (5.0%) – China and Czechia, 16 (4.7%) – Ukraine, 11 (3.2%) – Netherlands (Kingdom of the) and Spain (Figure 11).

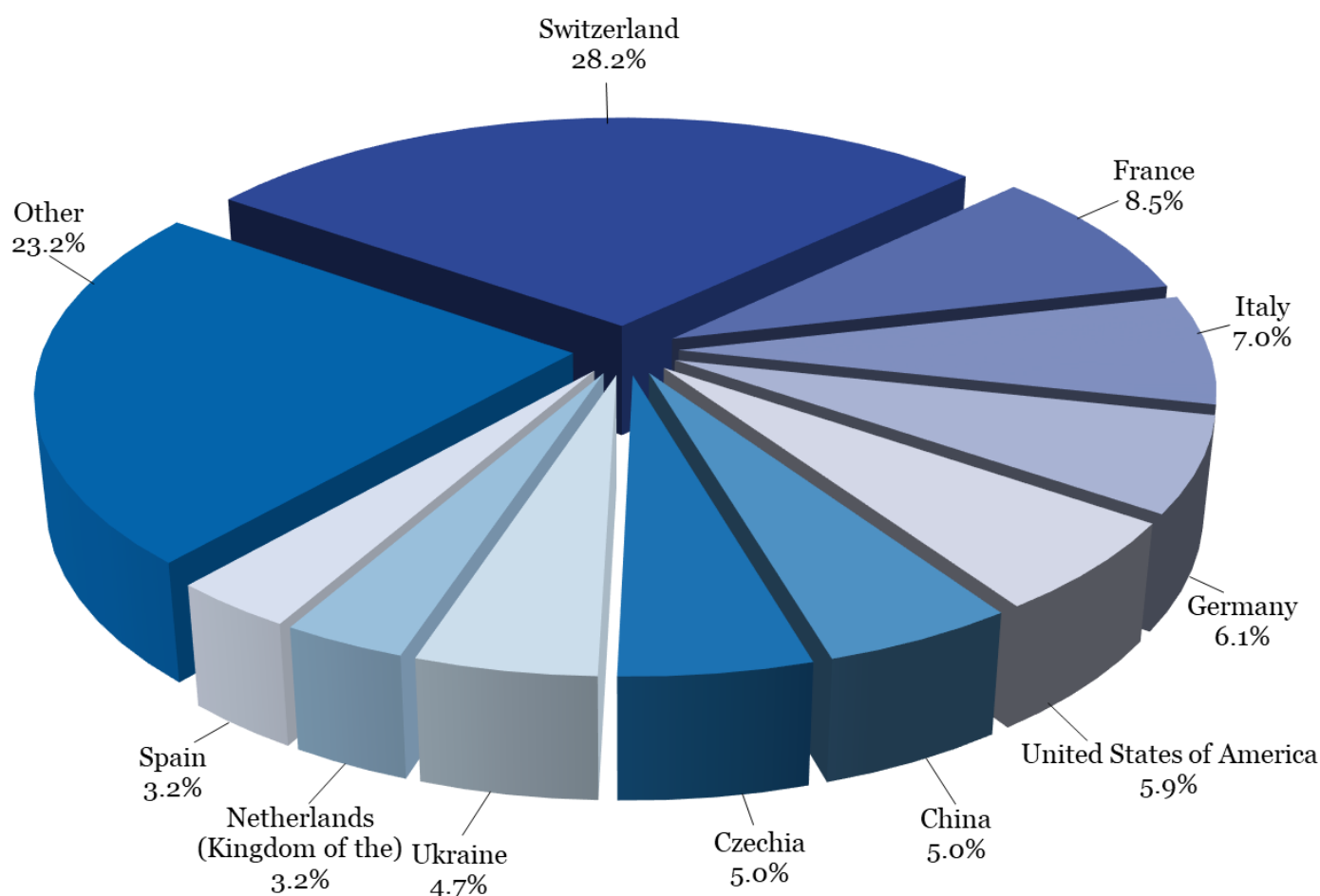


Figure 11. Registrations under the Hague Agreement by Origin for 9 Months of 2024

Most of the international registrations belong to classes: 10 (Clocks and watches and other measuring instruments, checking and signalling instruments) – 57 registrations, 9 (Packaging and containers for the transport or handling of goods) – 35 registrations, 7 (Household goods, not elsewhere specified) – 34 registrations, 12 (Means of transport or hoisting) – 31 registrations, 2 (Articles of clothing and haberdashery) and 11 (Articles of adornment) – 20 registrations each, 23 (Fluid distribution equipment, sanitary, heating, ventilation and air-conditioning equipment, solid fuel) – 19 registrations, 21 (Games, toys, tents and sports goods) – 14 registrations.

5. Trademarks

Comparing the indicators of trademark applications filed in the first 9 months of 2023 and 2024, it can be stated that their number has not changed significantly (Table 10, Figure 12) and amounts to 21,979 applications ($\downarrow 1.7\%$), including 18,123 applications under the national procedure, which is only 0.1% less than in the last year's indicator of the correspondent period.

The number of applications filed under the national procedure by non-resident applicants has increased – 2,150 applications ($\uparrow 9.5\%$), and by residents slightly decreased – 15,973 applications ($\downarrow 1.3\%$).

There has been a gradual decrease in the number of applications received under the Madrid system for the past 3 years. Thus, in the first 9 months of 2024, there were 3,856 received applications ($\downarrow 8.6\%$).

Table 10. Trademark Applications Filed in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	25,998	29,329	17,389	22,361	21,979	98.3%
Under the national procedure	20,290	23,553	12,061	18,144	18,123	99.9%
by residents	17,382	20,409	10,334	16,180	15,973	98.7%
by non-residents	2,908	3,144	1,727	1,964	2,150	109.5%
Under the Madrid System	5,708	5,776	5,328	4,217	3,856	91.4%

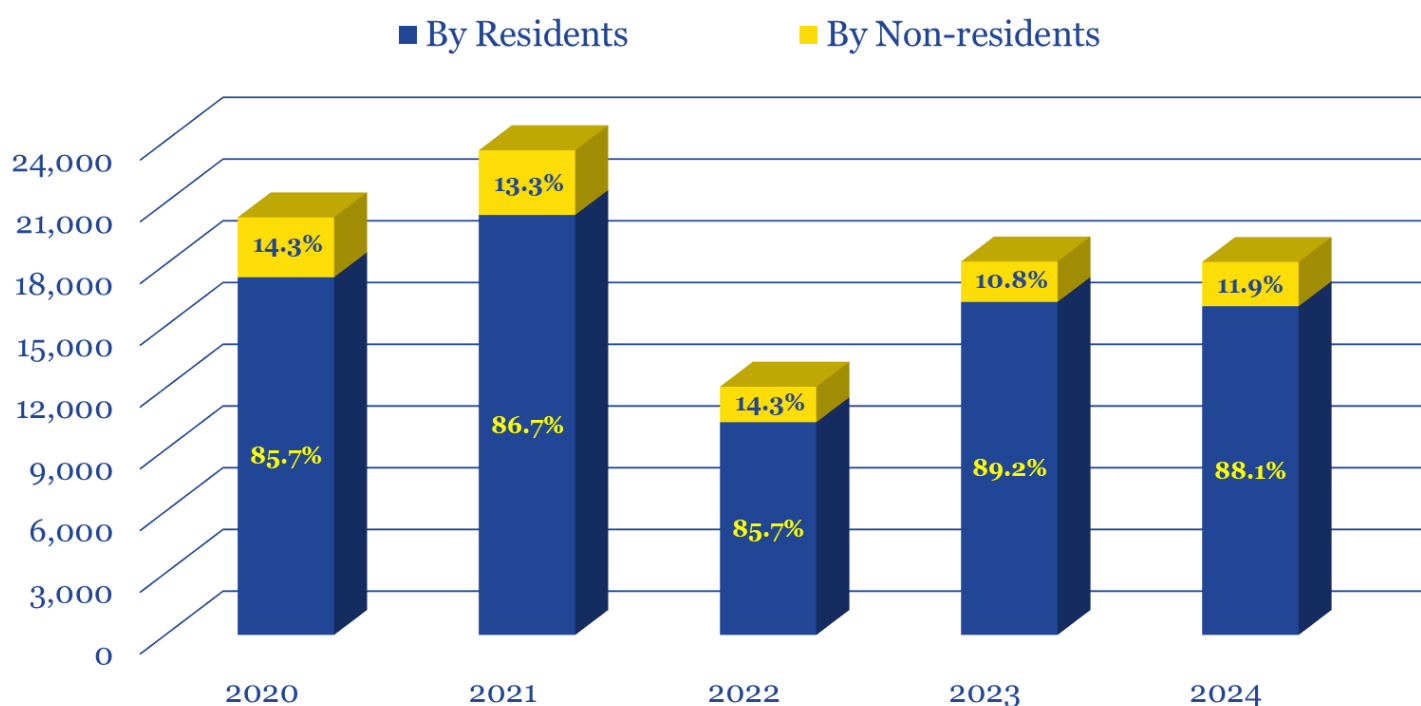


Figure 12. Dynamics of Trademark Applications (under the National Procedure) in 9 Months of the Year from 2020 to 2024

Among non-resident applicants, the United States, Switzerland and Cyprus continue to be the leaders in filing trademark applications. In the reporting period, the number of applications filed by applicants from the United States, Mauritius, India and Spain increased significantly compared to previous years (Figure 13, Annex 11).

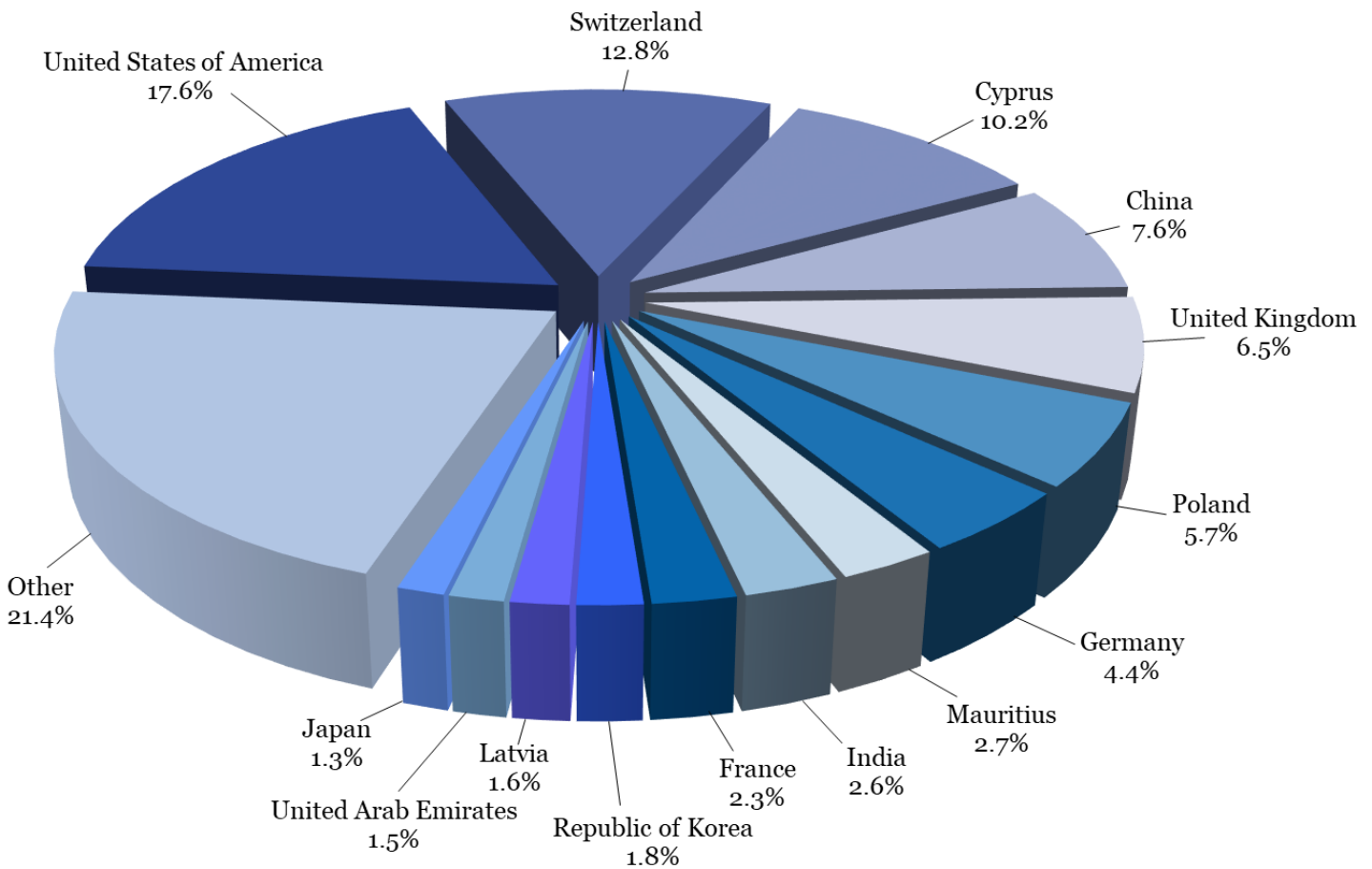


Figure 13. Trademark Applications (under the National Procedure) by Non-residents by Origin for 9 Months of 2024

During the first 9 months of 2024, the largest number of applications for international trademark registration under the Madrid system came from: China (650 applications), Germany (438 applications), the United States and France (278 applications each), Italy (239 applications), Switzerland (229 applications), Hungary (176 applications), Türkiye (154 applications), Bulgaria (119 applications), the United Kingdom (112 applications), the Republic of Korea (89 applications) and Poland (87 applications) (Figure 14).

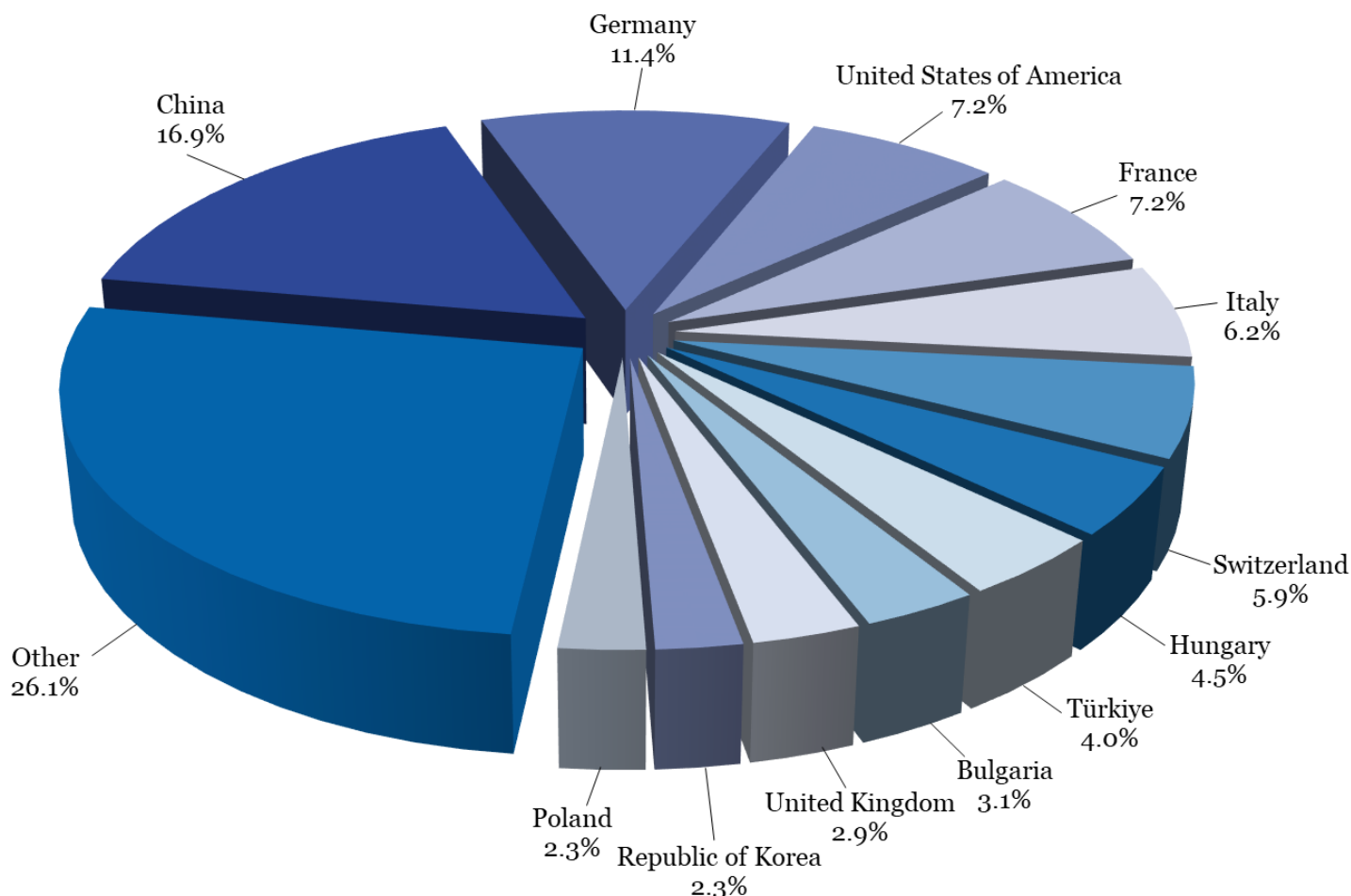


Figure 14. Trademark Applications (under the Madrid System) by Origin for 9 Months of 2024

Among the total number of trademark applications, the share of applications from resident applicants (72.7%) continues to prevail the share of applications from non-resident applicants, which is 27.3%. During 9 months of 2024, non-resident applicants filed 35.8% of applications under the national procedure and 64.2% under the Madrid system (Figure 15).

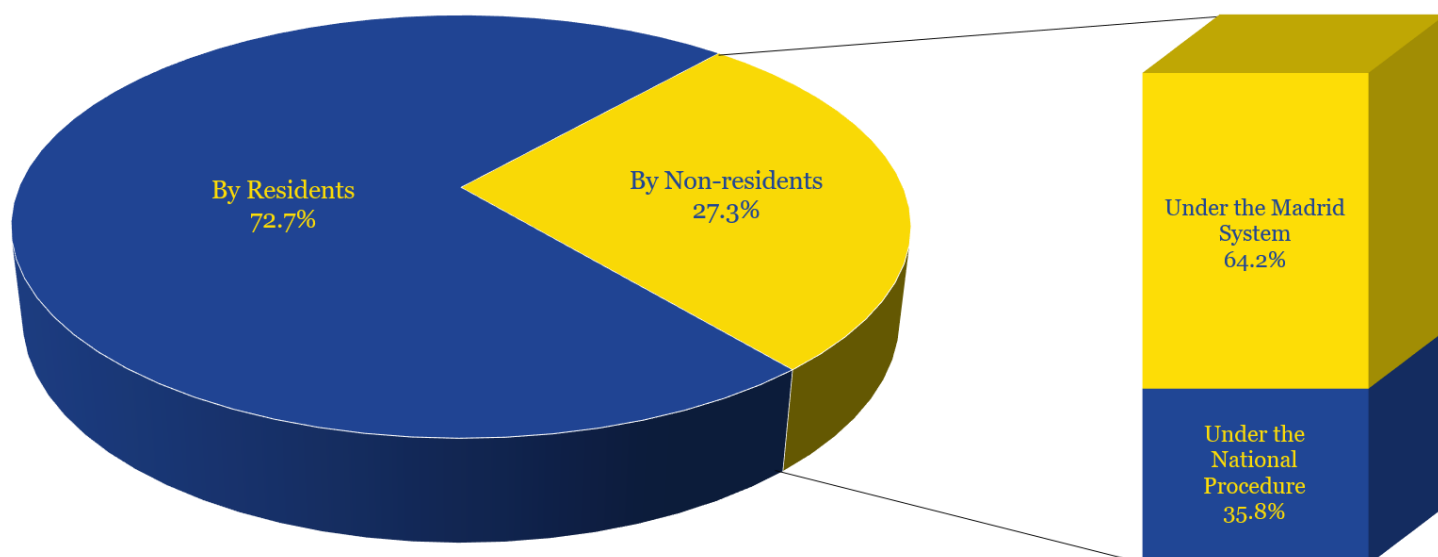


Figure 15. Trademark Applications Correlation between by Resident and Non-Resident Applicants for 9 Months of 2024

The number of registered trademarks under the national procedure for 9 months of 2024 amounted to 11,180, which is 5.7% more than last year's indicators of the correspondent period. The number of registered trademarks increased both in the name of resident applicants (↗ 4.9%) and in the name of non-resident applicants (↗ 9.7%) (Table 11, Figure 16).

Table 11. Trademark Registrations (under the National Procedure) in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024	2024 to 2023
Total	14,101	16,980	14,521	10,582	11,180	105.7%
to residents	12,066	14,774	11,819	8,860	9,291	104.9%
to non-residents	2,035	2,206	2,702	1,722	1,889	109.7%

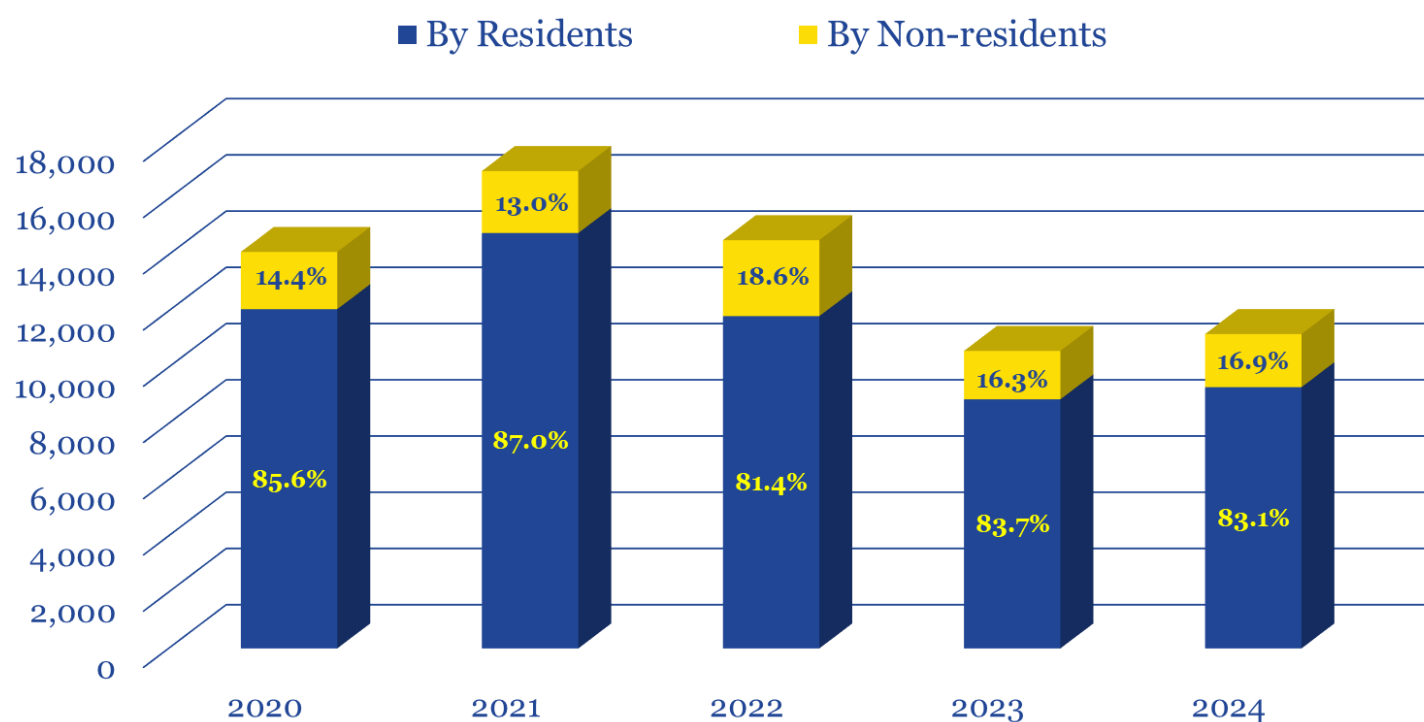


Figure 16. Dynamics of Trademark Registrations (under the National Procedure) in 9 Months of the Year from 2020 to 2024

6. Copyright

Summarizing the results of the first 9 months of 2024, it can be stated that the number of filed contracts relating to the author's right in a work slightly decreased – 289 (↘ 5.9%), but the number of applications for registration of copyright in a work increased and amounted to 7,935 (↗ 14.5%) (Table 12, Figure 17).

Table 12. Applications for Registration of Copyright and Contracts Relating to the Author's Right in a Work in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024 ²	2024 to 2023
Copyright in a Work	4,800	6,951	4,565	6,933	7,935	114.5%
Contracts Relating to the Author's Right in a Work	297	367	171	307	289	94.1%

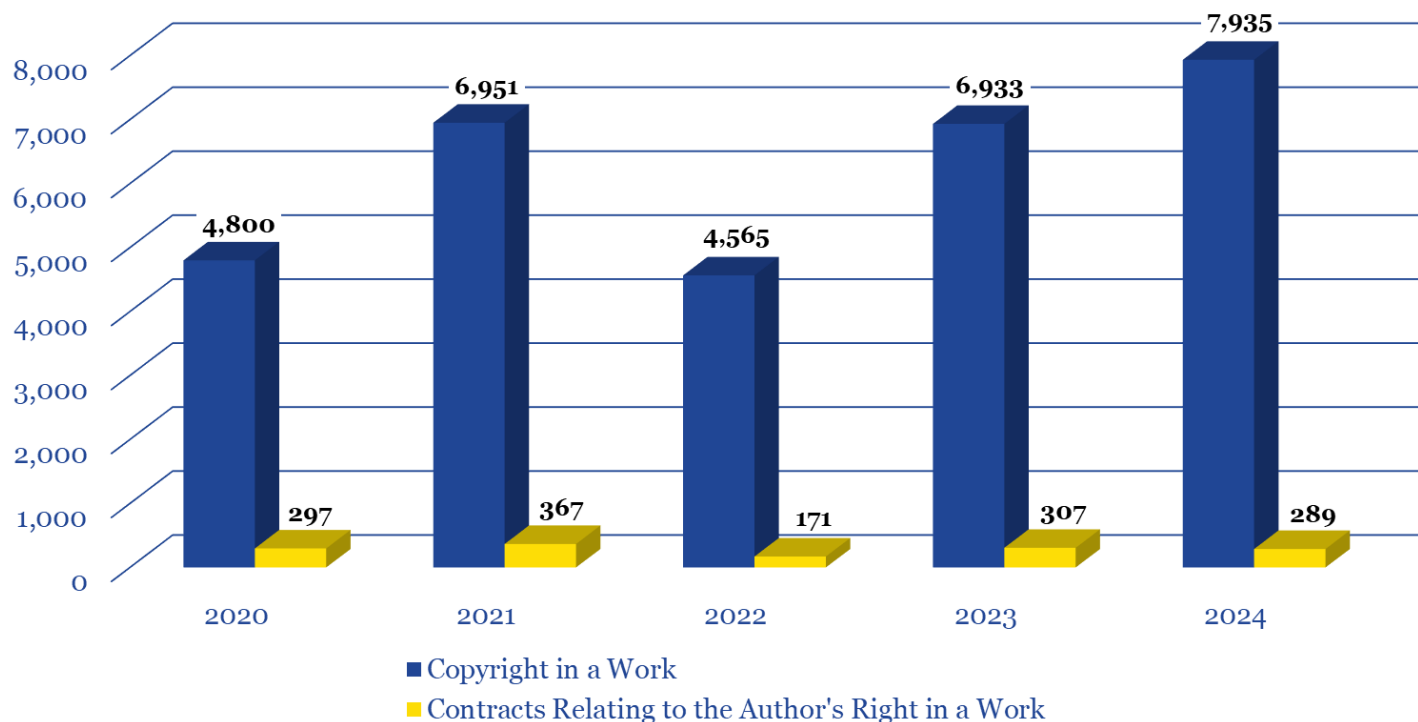


Figure 17 Dynamics of Applications for Registration of Copyright and Contracts Relating to the Author's Right in a Work in 9 Months of the Year from 2020 to 2024

In the reporting period, compared to the indicators for 9 months of 2023, there was an increase in the number of registrations of copyright – 7,680 (\uparrow 33.1%), and registrations of contracts relating to the author's right to a work – 299 (\uparrow 20.6%) (Table 13, Figure 18).

In general, there are positive trends in the field of copyright, which may indicate not only an increase in creative activity, but also the development of digital platforms and services, where it is also important to protect authors' rights from unlawful use.

Table 13. Registrations of Copyright and Contracts Relating to the Author's Right in a Work in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024 ²	2024 to 2023
Copyright in a Work	4,897	6,793	4,313	5,770	7,680	133.1%
Contracts Relating to the Author's Right in a Work	300	337	136	248	299	120.6%

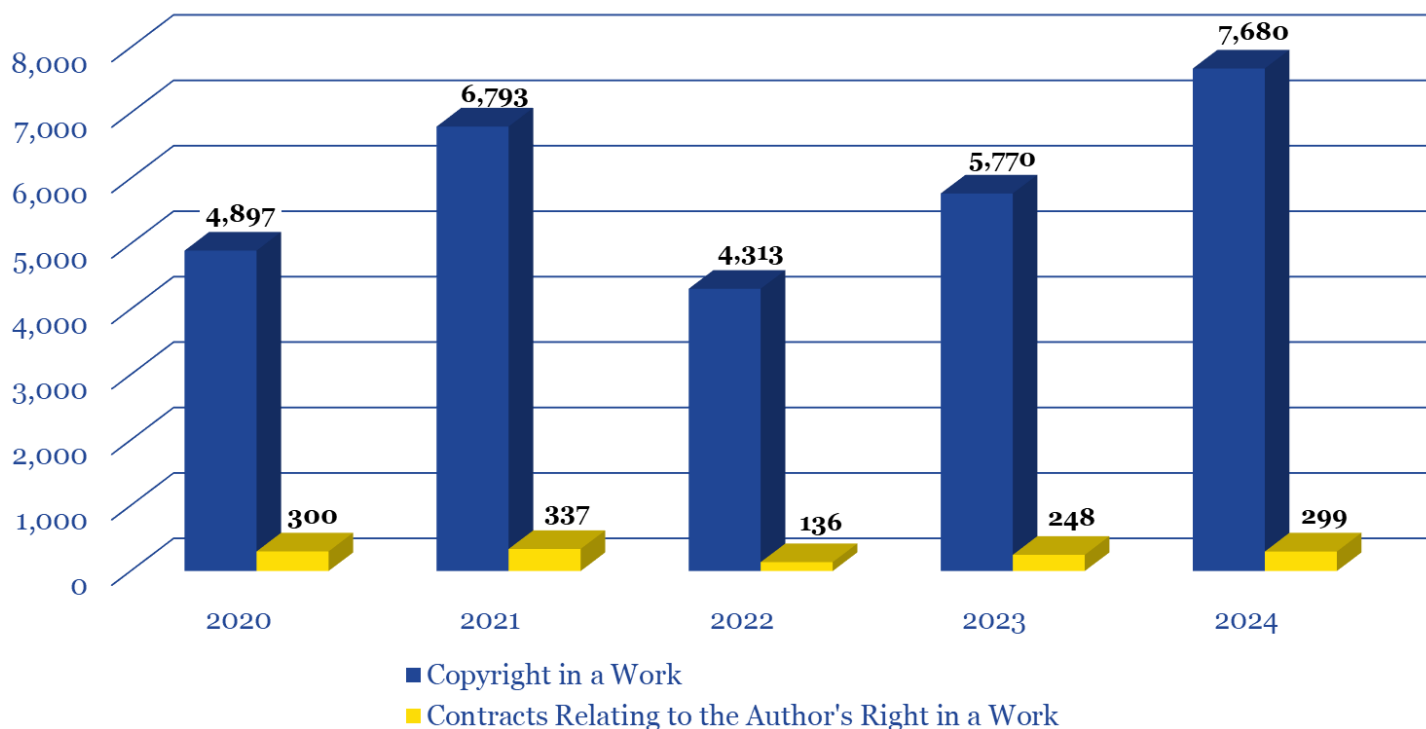


Figure 18. Dynamics of Registrations of Copyright and Contracts Relating to the Author's Right in a Work in 9 Months of the Year from 2020 to 2024

During 9 months of 2024, among the registered subject matters of copyright literary works has the largest number of copyright registrations – their share is 68.6% of the total number. Literary works are followed by: computer programs – 8.0%, works of fine arts – 6.2%, illustrations – 4.8%, musical works – 4.4%, composite works – 3.9%, and oral works – 0.7% (Figure 19).

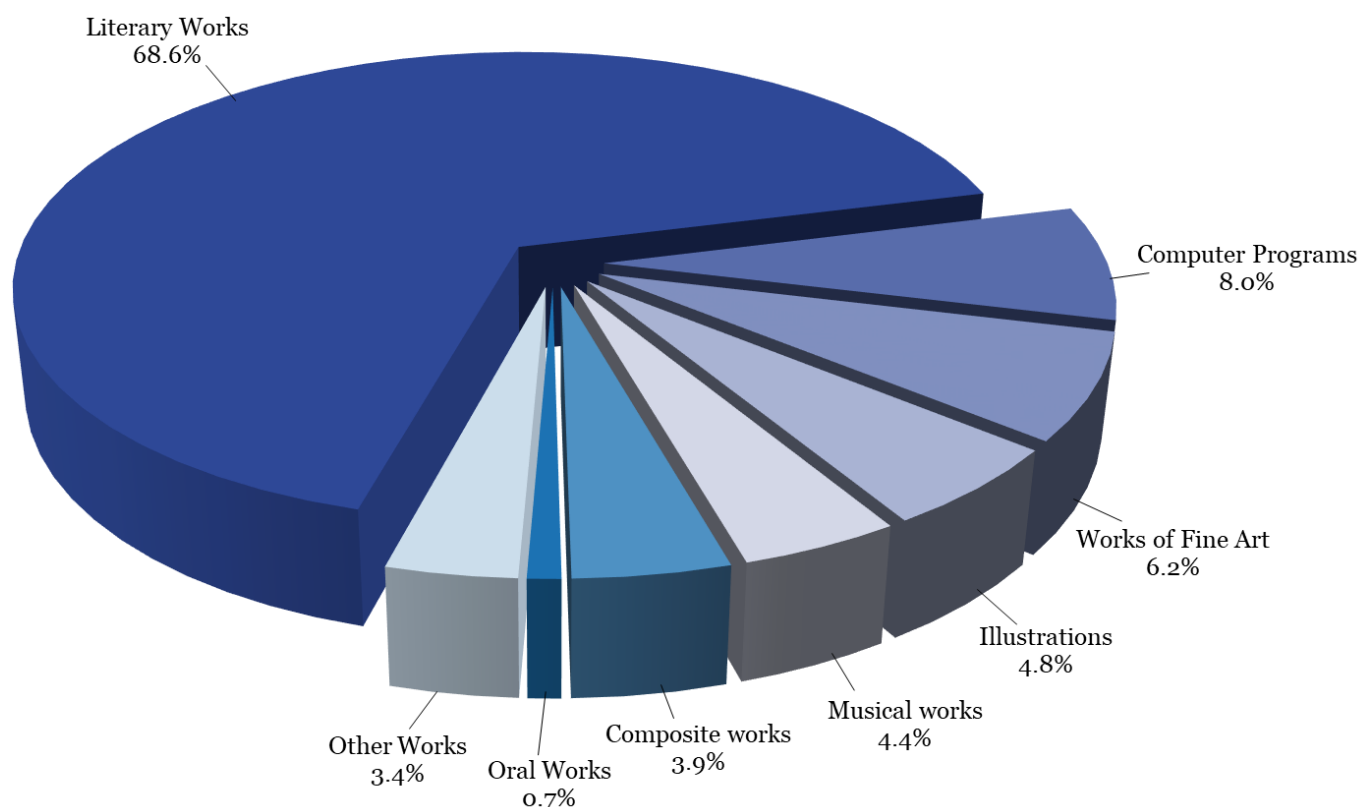


Figure 19. State Registrations of Copyright in a Work by Subject Matter for 9 Months of 2024

II. Analysis of Inventive Activity of Resident Applicants

1. Applications for Inventions and Utility Models

Innovation is the main driver of economic growth. Country's innovation potential, competitiveness and economic growth depend on the inventive activity of resident applicants. The best way to ensure economic progress is to provide innovators with resources and opportunities.

During the difficult times of Russian aggression, Ukrainian inventors face another challenge: obtaining legal protection for innovative solutions that help on the battlefield. This can be an important factor in economic development in the long run, as new military technologies are of interest to all developed countries. Despite the staff shortage and wartime challenges, in the field of intellectual property, the indicators of inventive activity of national applicants increased in the first 9 months of 2024 (Table 14, Figure 20) – the total number of applications for inventions and utility models increased by 6.4%. In total, 3,373 applications for inventions and utility models were filed, of which a significant part – 1,794 applications for utility models – were filed by legal entities.

Table 14. Inventions and Utility Models Applications by Residents in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²	2024 to 2023
Total	4,766	3,934	2,168	3,169	3,373	106.4%
Inventions, including	941	908	504	723	684	94.6%
by legal entities	511	492	299	392	364	92.9%
by individuals	430	416	205	331	320	96.7%
Utility models, including	3,825	3,026	1,664	2,446	2,689	109.9%
by legal entities	2,394	1,910	1,035	1,525	1,794	117.6%
by individuals	1,431	1,116	629	921	895	97.2%

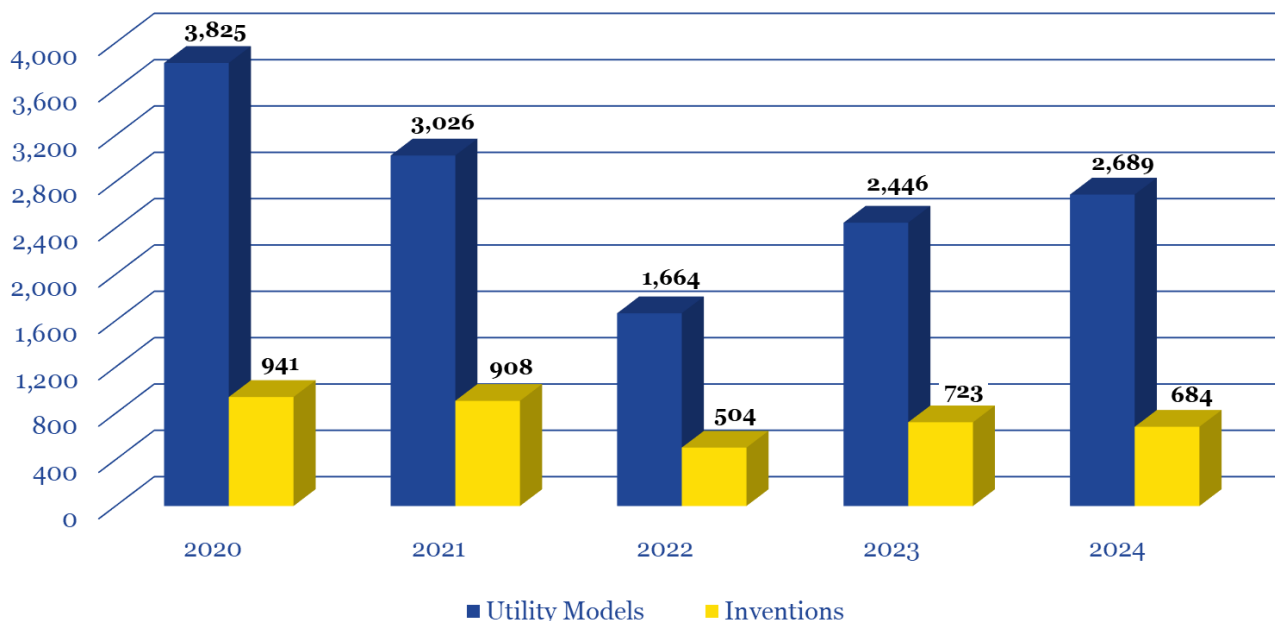


Figure 20. Dynamics of Inventions and Utility Models Applications by Residents in 9 Months of the Year from 2020 to 2024

In comparison to the same period in 2023, educational institutions prevail among national legal entities in terms of the number of filed applications – 1,580 applications (\nearrow 15.3%), representing 73.2% of the total. The number of applications filed by research institutions remains almost at the same level – 316 applications (\searrow 1.3%), and their share in the reporting year is 14.6%. The share of applications from other organizations and enterprises is 12.2% (Figure 21, Annex 3).

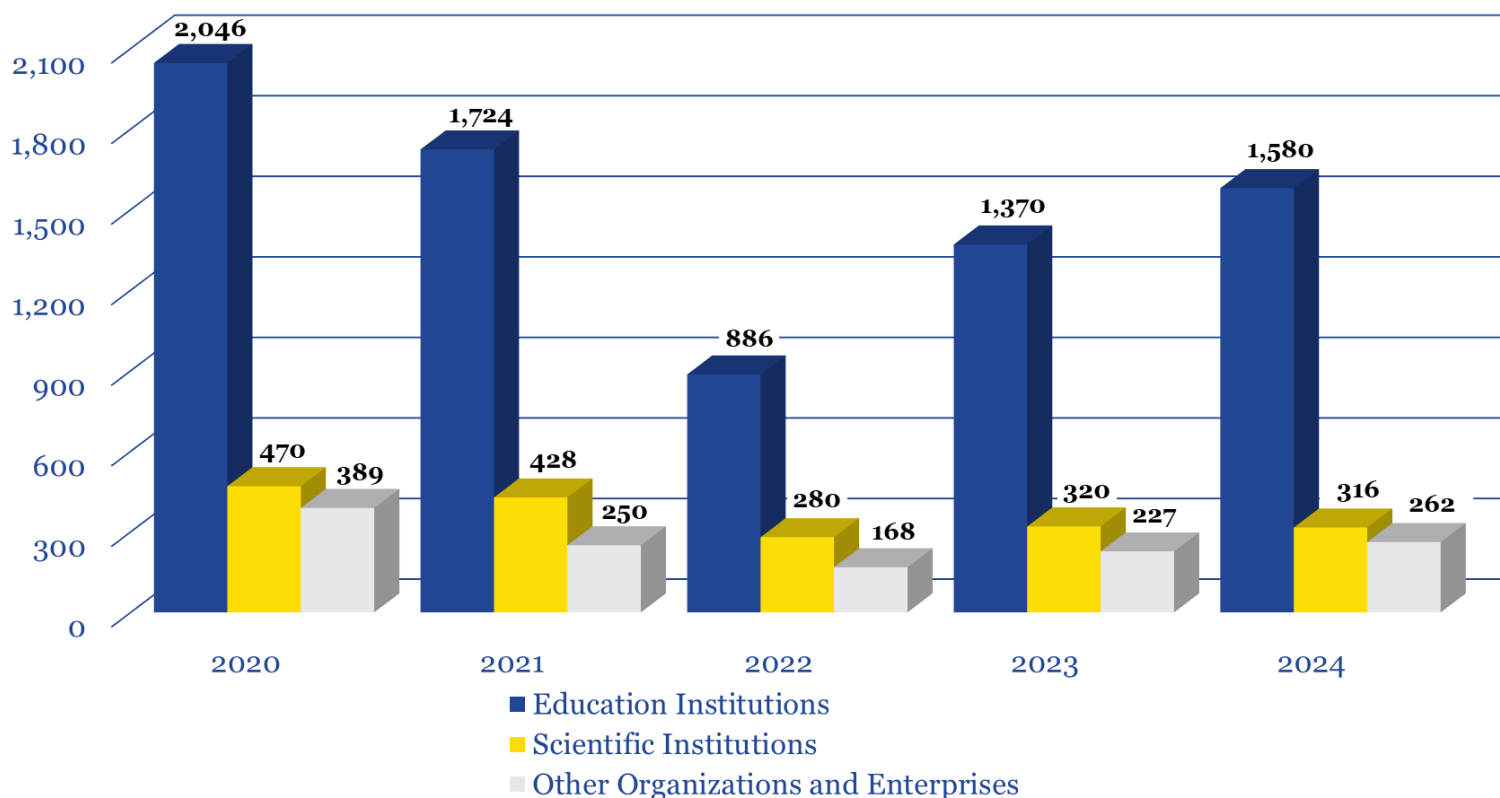


Figure 21. Dynamics of Inventions and Utility Models Applications by Resident Legal Entities in 9 Months of the Year from 2020 to 2024

Following the results of 9 months of 2024, among the government authorities the most active in filing applications for inventions and utility models were organizations subordinated to the Ministry of Education and Science of Ukraine – 1,294 applications (\nearrow 20.8%), the National Academy of Sciences of Ukraine – 228 applications (\nearrow 10.7%), the Ministry of Health of Ukraine – 137 applications (\searrow 1.4%), the Ministry of Defense of Ukraine – 77 applications (\searrow 1.3%) (Annex 4).

The most active higher education institutions under the Ministry of Education and Science of Ukraine were (Figure 22):

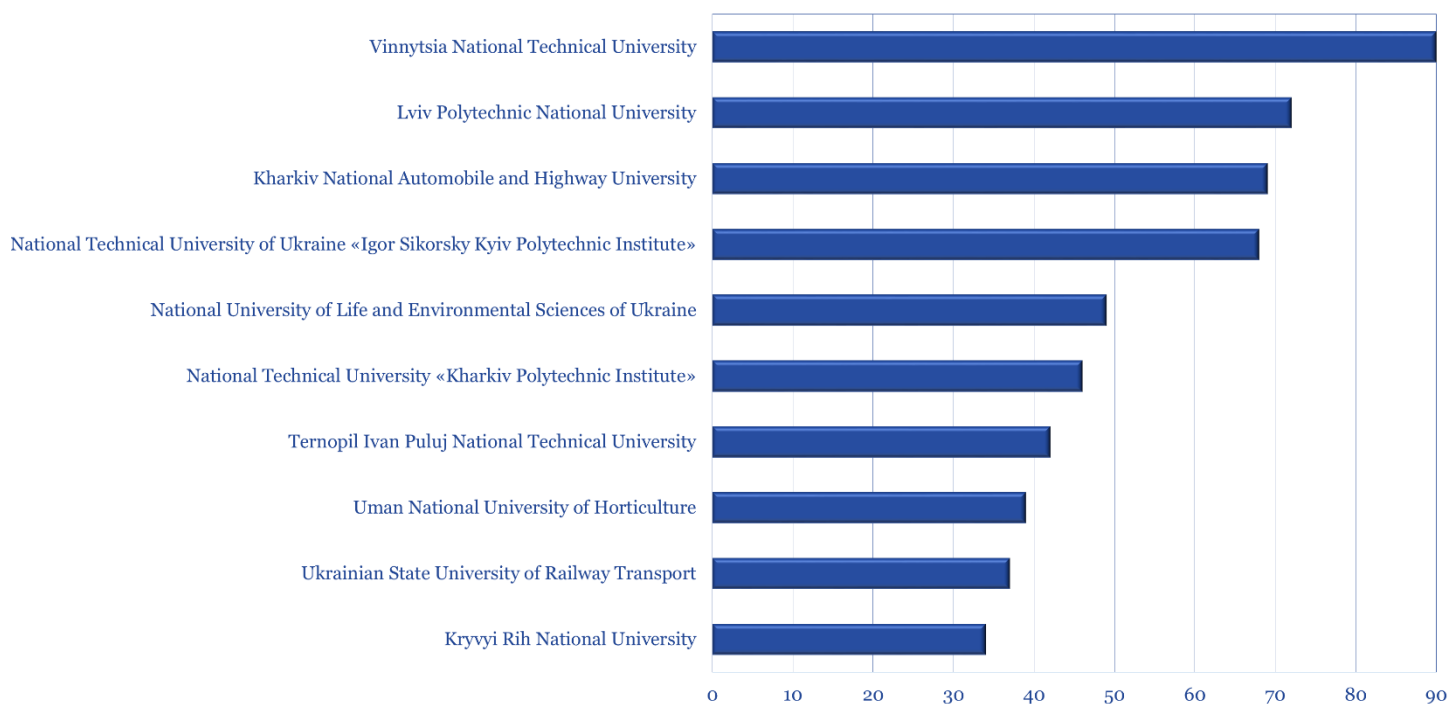


Figure 22. Higher Educational Institutions under the Ministry of Education and Science of Ukraine with the Highest Inventive Activity for 9 Months of 2024

Among institutions of the National Academy of Sciences (NAS) of Ukraine, the highest inventive activity in the reporting period was observed in (Figure 23):

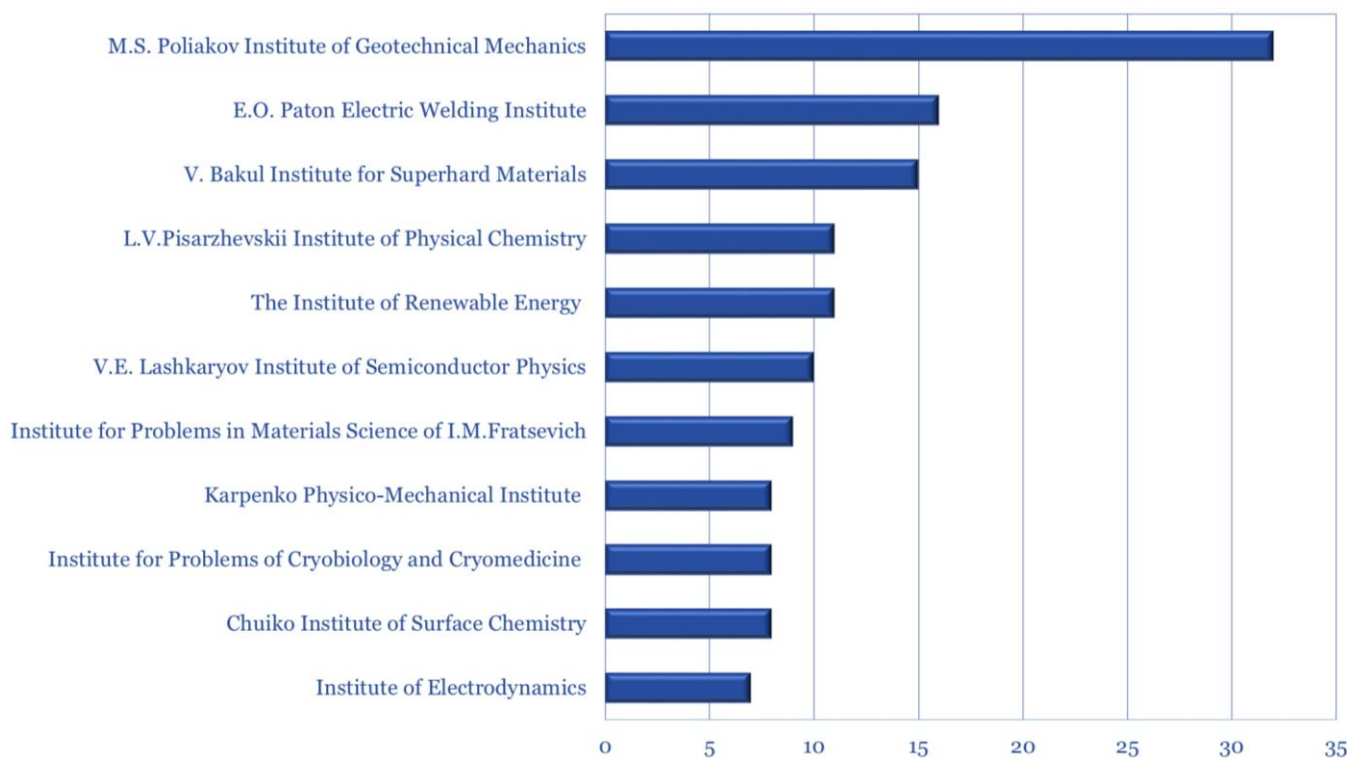


Figure 23. Institutions of NAS of Ukraine with the Highest Inventive Activity for 9 Months of 2024

Higher educational institutions and scientific organizations with the highest inventive activity are presented in annexes 5, 6.

In the regional distribution* (Figure 24, Annexes 7 and 8), the largest number of applications for inventions and utility models was filed by applicants from Kyiv City – 855 applications (25.3% of the total number of applications filed by resident applicants).

Other regions were distributed as following:

- Kharkiv – 549 applications (16.3%);
- Dnipropetrovsk – 314 applications (9.3%);
- Lviv – 204 applications (6.0%);
- Vinnytsia – 158 applications (4.7%);
- Odesa – 151 applications (4.5%);
- Kyiv – 129 applications (3.8%);
- Poltava – 121 applications (3.6%);
- Ternopil – 104 applications (3.1%);
- Donetsk – 93 applications (2.8%).

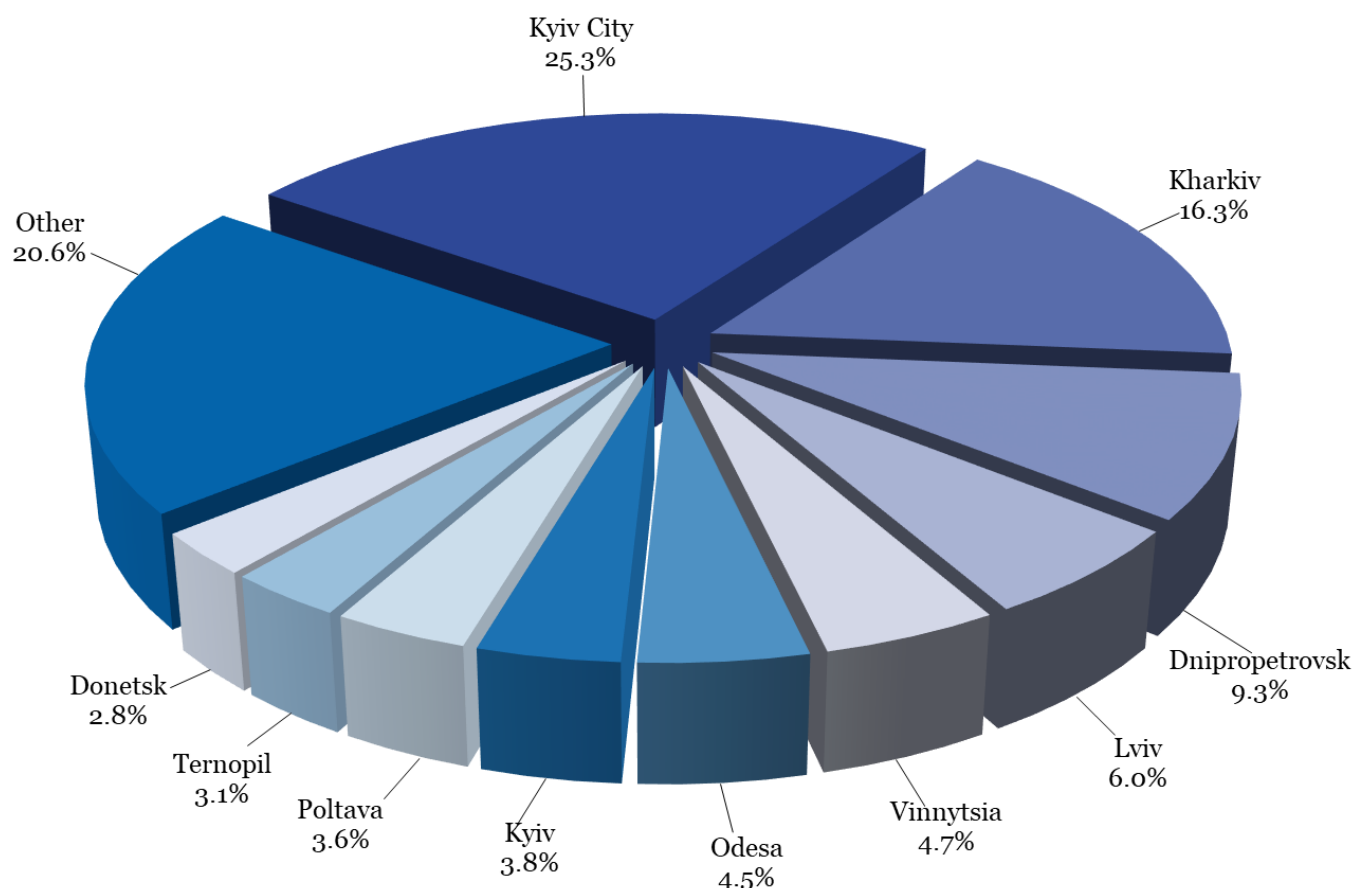


Figure 24. Applications for Inventions and Utility Models by Regions of Ukraine for 9 Months of 2024

* Applications for inventions and utility models by regions of Ukraine are implemented in a form of Interactive Regional Maps, that are available on <https://nipo.gov.ua/en/statistics-reports/>

2. Registration of Inventions and Utility Models

Following the results of 9 months of 2024, the total number of registered inventions and utility models increased to 2,631 (↗ 22.1%), mainly due to an increase in registered utility models – 2,351 (↗ 29.2%), of which 1,551 (↗ 19.6%) were registered in the name of legal entities and 800 (↗ 53.3%) in the name of individuals (Table 15, Figure 25).

Table 15. Inventions and Utility Models Grants to Residents in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024	2024 to 2023
Total	5,789	3,823	2,324	2,155	2,631	122.1%
Inventions, including	793	753	550	336	280	83.3%
to legal entities	529	506	335	231	226	97.8%
to individuals	264	247	215	105	54	51.4%
Utility models, including	4,996	3,070	1,774	1,819	2,351	129.2%
to legal entities	3,237	1,950	1,072	1,297	1,551	119.6%
to individuals	1,759	1,120	702	522	800	153.3%

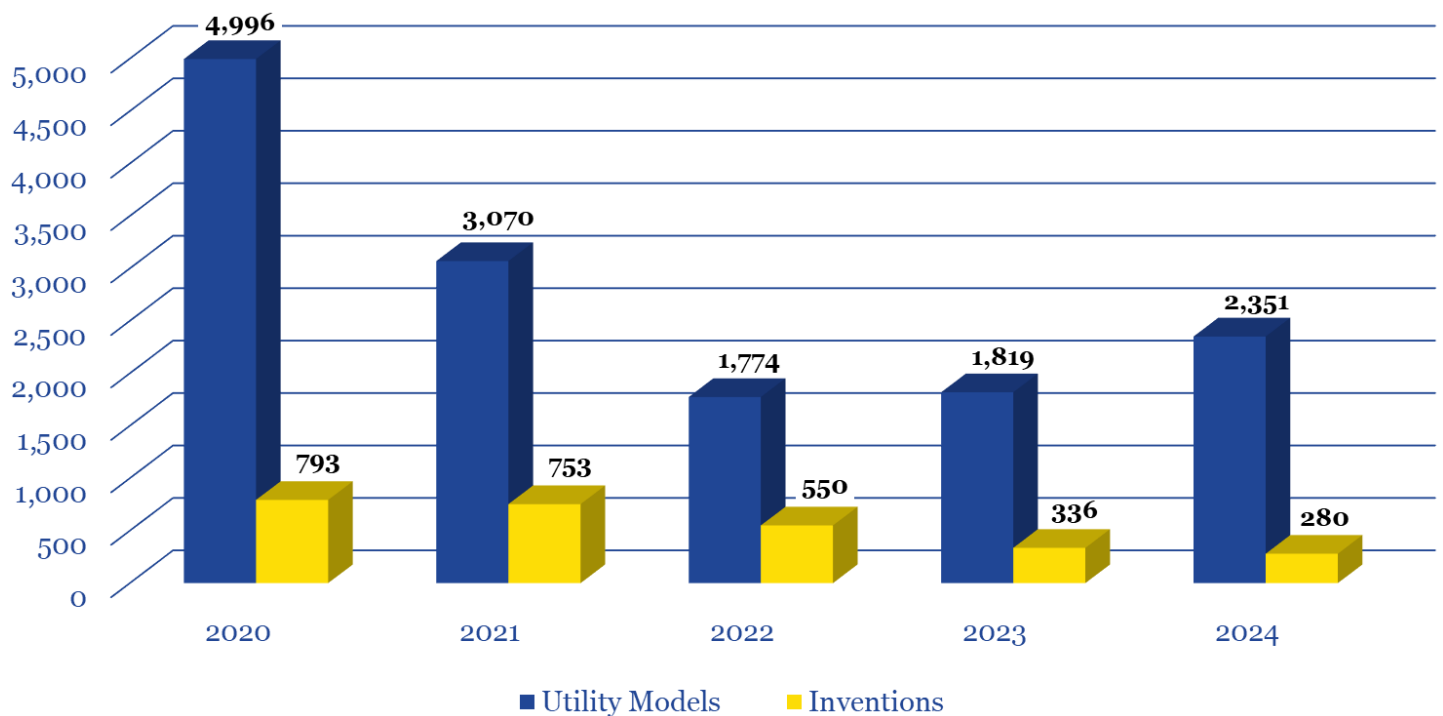


Figure 25. Dynamics of Inventions and Utility Models Grants to Residents in 9 Months of the Year from 2020 to 2024

The distribution of inventions and utility models registrations by regions* of Ukraine in 2020-2024 (9 months) is shown in Annex 9. Annex 10 shows the distribution of registrations for inventions and utility models by resident legal entities by economic activities in 2020-2024 (9 months).

III. Business Activity Analysis

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

"A brand for a company is like a reputation for a person. You earn reputation by trying to do hard things well" – said Jeff Bezos, founder of the tech giant Amazon. Trademark protection is essential for businesses of all sizes, playing a crucial role in establishing and maintaining brand identity and market presence. In addition, successful brands not only foster loyalty and trust among consumers, but also have the ability to attract and retain employees. A trademark is also a key element in promoting brands globally.

Among the national enterprises with the largest number of filed trademark applications (Figure 26) in the reporting period are the following:

- Limited Liability Company PHARMIC LTD (Kharkiv);
- Limited Liability Company GGBET (Kyiv);
- Private Joint Stock Company OBOLON (Kyiv);
- Limited Liability Company REAL BARGAIN (Poltava);
- Limited Liability Company BETTING COMPANY FAVBET (Kyiv);
- Joint Stock Company FARMAK (Kyiv);
- Limited Liability Company ALARTE (Dnipropetrovsk);
- Private Joint Stock Company CARLSBERG UKRAINE (Zaporizhzhia);
- Limited Liability Company KIDDISVIT (Dnipropetrovsk);
- Limited Liability Company DELTA MEDICAL (Kyiv region);
- Limited Liability Company Aqua-Polyana (Zakarpattia);
- Limited Liability Company VORWARTS PHARMA (Kyiv).

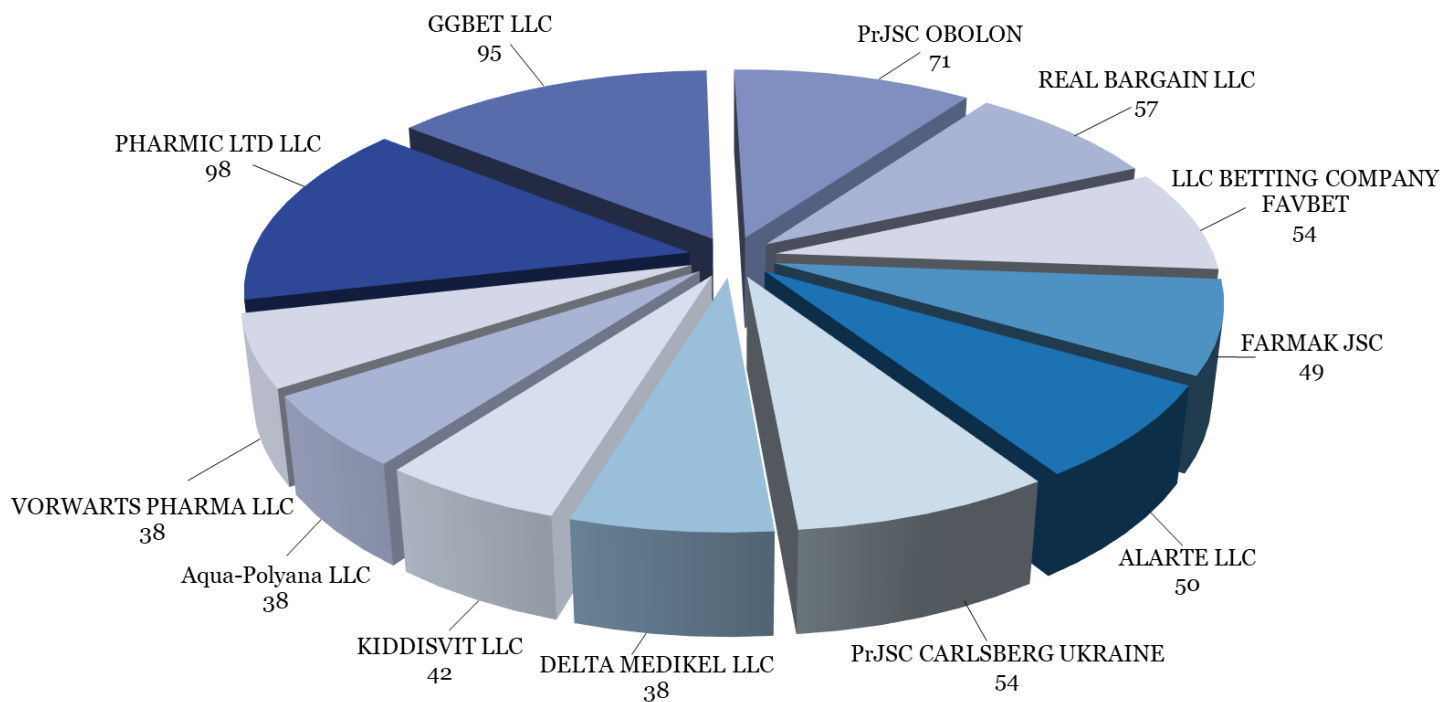


Figure 26. National Enterprises with the Highest Number of Trademark Applications (under the National Procedure) for 9 Months of 2024

The foreign companies with the highest number of trademark applications for 9 months of 2024 (Figure 27):

- Rothmans of Pall Mall Limited (Switzerland);
- GSH Trademarks Limited (Cyprus);
- Danjaq, LLC (USA);
- British American Tobacco (Brands) Limited (United Kingdom);
- British American Tobacco (Brands) Inc. (USA);
- Nemiroff Intellectual Property Establishment (Liechtenstein);
- PepsiCo, Inc. (USA);
- Puig France (France);
- Adidas AG (Germany);
- Evyap (Türkiye);
- Winso Int. Sp. z o.o. (Poland).

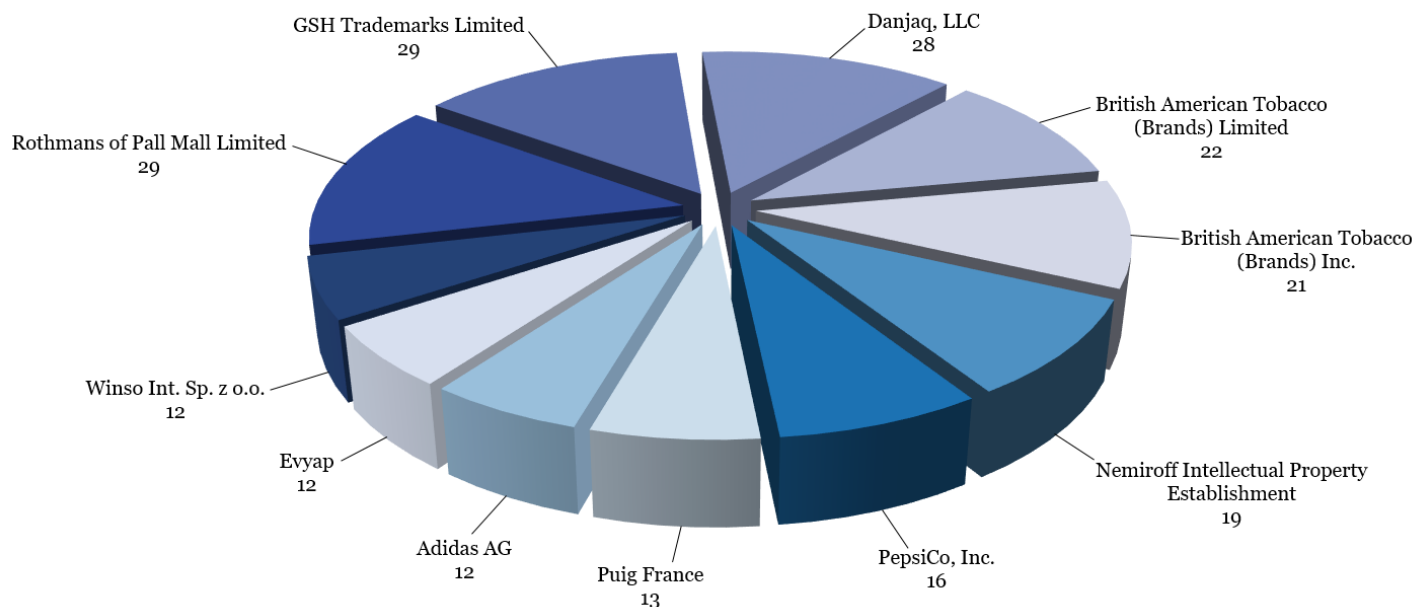


Figure 27. Foreign Companies with the Highest Number of Trademark Applications (under the National Procedure) for 9 Months of 2024

In the corresponding period the largest number of applications under the Madrid system was filed by the following foreign companies (Figure 28):

- Richter Gedeon Nyrt. (Hungary);
- Euro Games Technology Ltd. (Bulgaria);
- L'Oréal (France);
- Egis Gyogyszergyar Zrt. (Hungary);
- Boehringer Ingelheim International GmbH (Germany);
- Albaugh tovarna kemicnih izdelkov d.o.o. (Slovenia);
- Philip Morris Products S.A. (USA);
- Novartis AG (Switzerland);
- Apple Inc. (USA);
- Royal Armenia JV LTD (Armenia);
- Louis Vuitton Malletier (France).

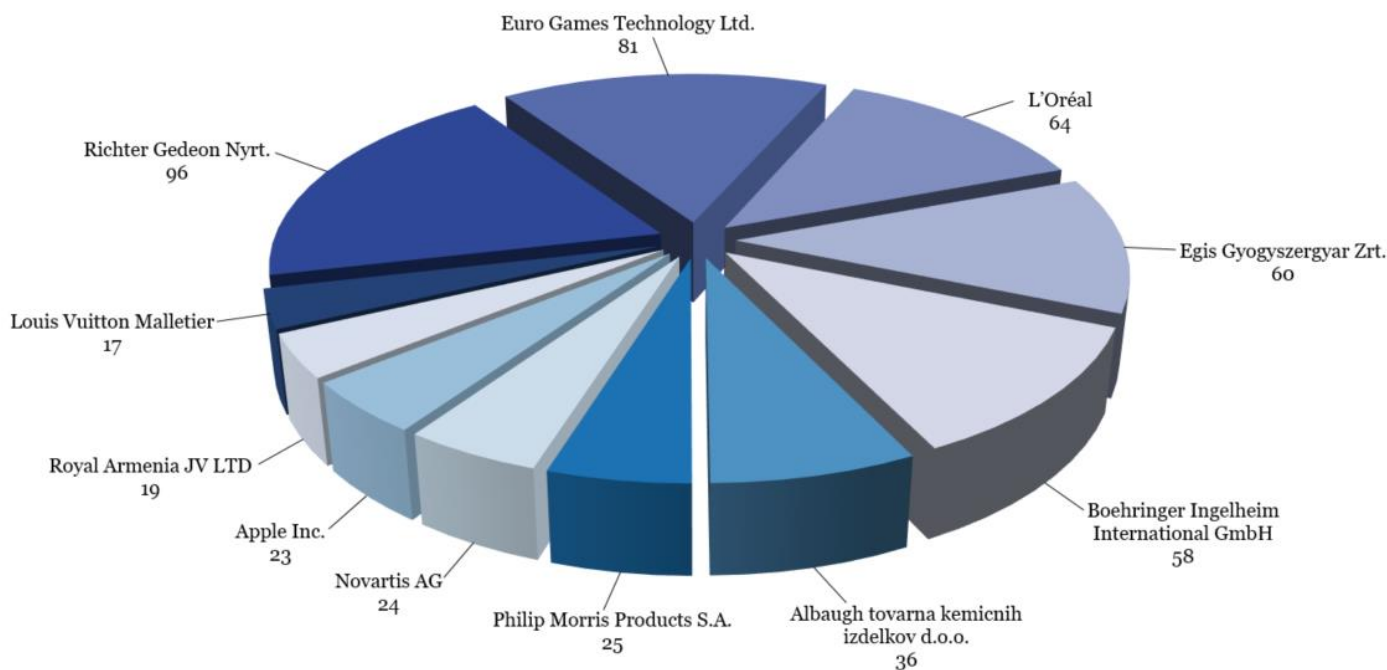


Figure 28. Foreign Companies with the Highest Number of Trademark Applications (under the Madrid System) for 9 Months of 2024

2. Business Activity Priorities based on the Nice Classification

The largest number of trademarks applications under the national procedure in the first 9 months of 2024 was filed under the Class 35 of the Nice Classification (6,754 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 16, Figure 29).

Table 16. List of NCL Classes under the National Procedure with the Highest Number of Filed Trademark Applications for 9 Months of 2024²

NCL Class	Class Heading	qty	By Residents	By Non-residents
35	Advertising; business management, organization and administration; office functions.	6,754	6,403	351
41	Education; providing of training; entertainment; sporting and cultural activities.	2,515	2,359	156
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.	2,011	1,415	596
43	Services for providing food and drink; temporary accommodation.	1,394	1,353	41
30	Coffee, tea, cocoa and substitutes therefor; rice, pasta and noodles; tapioca and sago; flour and preparations made from cereals...	1,370	1,281	89
25	Clothing, footwear, headwear.	1,244	1,137	107

Table 16 (continued)

NCL Class	Class Heading	qty	By Residents	By Non-residents
9	Scientific, research, navigation, surveying, photographic, cinematographic, audiovisual, optical, weighing, measuring, signalling, detecting, testing, inspecting, life-saving and teaching apparatus and instruments...	1,223	984	239
44	Medical services; veterinary services; hygienic and beauty care for human beings or animals; agriculture, aquaculture, horticulture and forestry services.	1,206	1,160	46
42	Scientific and technological services and research and design relating thereto...	1,139	975	164
3	Non-medicated cosmetics and toiletry preparations; non-medicated dentifrices; perfumery, essential oils; bleaching preparations and other substances for laundry use; cleaning, polishing and abrasive preparations.	1,123	884	239

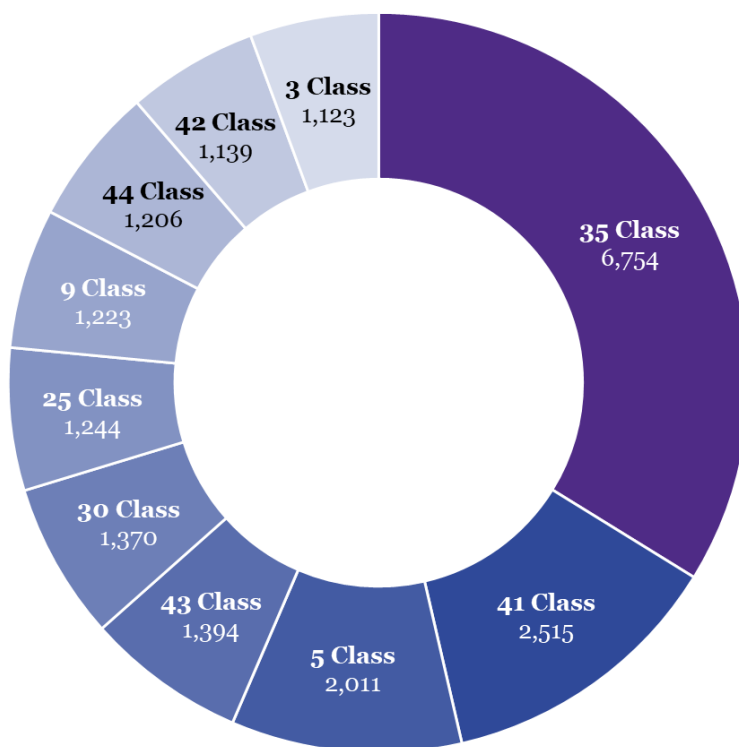


Figure 29. Distribution Priorities of Applications for Trademarks (under the National Procedure) by NCL Classes for 9 Months of 2024

The vast majority of trademark applications under the Class 35 were filed by resident applicants – 6,403 applications (Figure 30).

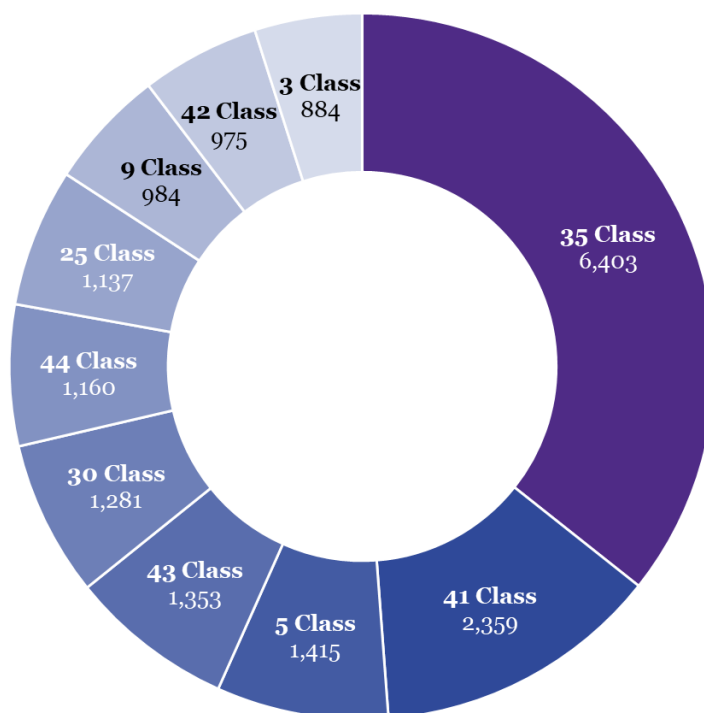


Figure 30. Distribution Priorities of Applications for Trademarks by Residents (under the National Procedure) by NCL Classes for 9 Months of 2024

During the first 9 months of 2024, non-resident applicants filed the largest number of trademark applications under the national procedure (Figure 31) under the Class 5 of the Nice Classification (596 applications), which includes Pharmaceuticals, medical and veterinary preparations; sanitary preparations for medical purposes; dietetic food and substances adapted for medical or veterinary use.

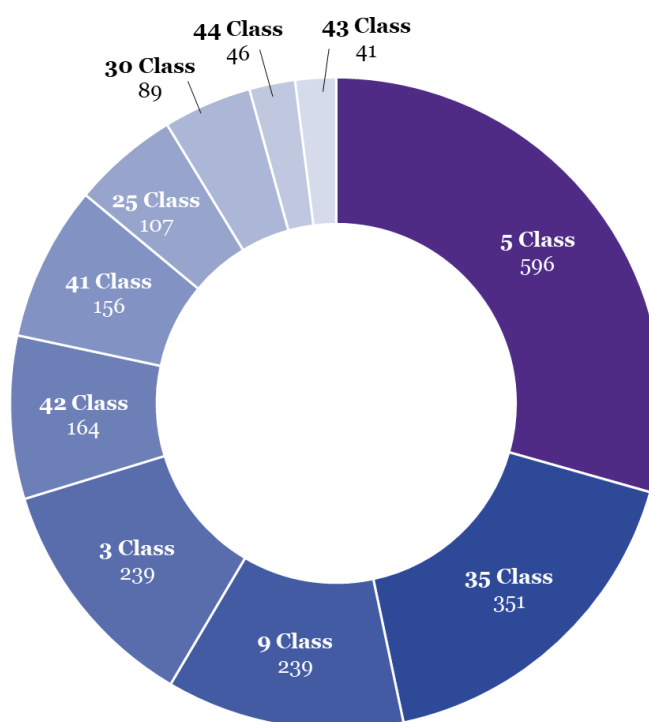


Figure 31. Distribution Priorities of Applications for Trademarks by Non-Residents (under the National Procedure) by NCL Classes for 9 Months of 2024

**Resident Applications for Inventions by Technology Fields
in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024 ²
Total	941	908	504	723	684
<i>Electrical engineering</i>					
Electrical machinery, apparatus, energy	43	42	19	35	14
Audio-visual technology	4	4	3	4	–
Telecommunications	12	7	–	7	5
Digital communication	4	3	–	1	2
Basic communication processes	12	8	5	7	7
Computer technology	13	20	12	15	2
IT methods for management	2	2	3	3	1
Semiconductors	5	5	3	3	–
<i>Instruments</i>					
Optics	2	11	3	8	3
Measurement	70	55	42	56	25
Analysis of biological materials	18	12	5	6	1
Control	19	18	12	6	10
Medical technology	76	46	18	45	17
<i>Chemistry</i>					
Organic fine chemistry	18	22	17	11	17
Biotechnology	8	7	8	11	1
Pharmaceuticals	57	40	17	38	27
Macromolecular chemistry, polymers	8	6	5	2	4
Food chemistry	37	38	31	29	11
Basic materials chemistry	28	35	8	14	10
Materials, metallurgy	49	60	38	62	23
Surface technology, coating	28	33	17	16	22
Micro-structural and nano-technology	4	6	6	6	1
Chemical engineering	46	38	29	27	15
Environmental technology	19	20	8	18	11
<i>Mechanical engineering</i>					
Handling	26	23	10	8	5
Machine tools	35	18	20	30	15
Engines, pumps, turbines	56	38	16	32	22
Textile and paper machines	2	2	3	8	4
Other special machines	58	69	40	59	44
Thermal processes and apparatus	24	9	10	14	9
Mechanical elements	21	27	8	9	4
Transport	27	46	21	25	15
<i>Others</i>					
Furniture, games	17	16	5	9	4
Other consumer goods	17	14	8	8	5
Civil engineering	36	54	28	47	23
Unknown	40	54	26	44	305

**Non-Resident Applications for Inventions by Technology Fields
in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024 ²
Total	1,335	1,520	1,430	1,357	1,236
<i>Electrical engineering</i>					
Electrical machinery, apparatus, energy	20	23	31	33	22
Audio-visual technology	8	19	18	1	4
Telecommunications	3	4	3	2	7
Digital communication	10	8	10	2	4
Basic communication processes	3	1	—	—	2
Computer technology	19	15	18	14	10
IT methods for management	8	13	6	7	4
Semiconductors	—	—	—	1	1
<i>Instruments</i>					
Optics	1	1	1	1	1
Measurement	12	23	14	19	20
Analysis of biological materials	9	13	7	14	5
Control	6	11	6	6	5
Medical technology	35	25	23	24	22
<i>Chemistry</i>					
Organic fine chemistry	131	134	141	117	96
Biotechnology	112	152	161	120	121
Pharmaceuticals	289	341	297	247	198
Macromolecular chemistry, polymers	21	13	11	8	5
Food chemistry	47	35	46	35	32
Basic materials chemistry	97	125	100	109	109
Materials, metallurgy	60	53	64	63	55
Surface technology, coating	31	21	22	17	23
Micro-structural and nano-technology	—	1	1	—	—
Chemical engineering	39	30	31	31	22
Environmental technology	9	14	7	11	9
<i>Mechanical engineering</i>					
Handling	17	26	18	31	23
Machine tools	18	20	18	11	13
Engines, pumps, turbines	21	21	21	23	12
Textile and paper machines	6	13	14	12	10
Other special machines	71	73	70	79	65
Thermal processes and apparatus	15	17	14	14	8
Mechanical elements	23	15	18	12	9
Transport	36	20	17	30	24
<i>Others</i>					
Furniture, games	14	18	8	17	8
Other consumer goods	100	162	170	196	163
Civil engineering	34	54	37	46	27
Unknown	10	6	7	4	97

**Resident Applications for Inventions from Legal Entities by Economic Activities
in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024²
Total	2,905	2,402	1,334	1,917	2,158
Agriculture, forestry and fishing	9	3	2	1	1
Mining and quarrying	6	12	6	13	1
Manufacturing, including	168	108	63	48	51
Manufacture of food products, beverages and tobacco	11	7	1	4	1
Manufacture of textiles and textile products, leather and leather products	–	1	–	4	3
Manufacture of wood and wood products, paper and paper products; publishing and printing	4	2	2	–	3
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	2	4	3	–	1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	5	4	1	1
Manufacture of rubber and plastic products	15	9	9	7	2
Manufacture of fabricated metal products, except machinery and equipment	17	7	6	1	10
Manufacture of computer, electronic and optical products	7	6	3	3	5
Manufacture of electrical equipment	19	5	7	2	1
Manufacture of machinery and equipment n.e.c.	55	40	9	15	14
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	32	17	17	5	9
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	5	5	2	6	1
Electricity, gas, steam and air conditioning supply	2	–	–	–	–
Water supply; sewerage, waste management and remediation activities	1	–	–	1	–
Construction	3	4	2	3	–
Wholesale and retail trade; repair of motor vehicles and motorcycles	35	30	18	17	15
Transportation and storage	2	3	2	4	1
Information and communication	16	12	–	8	2
Financial and insurance activities	–	2	–	–	–
Real estate activities	2	2	–	1	–
Professional, scientific and technical activities	518	466	288	329	325
Scientific research and development	470	428	280	320	316
Administrative and support service activities	4	5	–	4	–
Education	2,046	1,724	886	1,370	1,580
Human health and social work activities	80	25	12	5	3
Other	13	6	55	113	179

Resident Applications for Inventions and Utility Models from Legal Entities by Government Agencies in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024²
Total	2,590	2,168	1,186	1,688	1,889
Ministry of Education and Science of Ukraine	1,338	1,277	750	1,071	1,294
The National Academy of Sciences of Ukraine	234	263	177	206	228
Ministry of Health of Ukraine	644	350	47	139	137
Ministry of Defence of Ukraine	25	30	44	78	77
The National Academy of Agrarian Sciences (NAAS) of Ukraine	92	92	50	55	48
State Emergency Service of Ukraine	33	51	34	50	37
Ministry of Internal Affairs of Ukraine	8	10	7	11	17
Cabinet of Ministers of Ukraine	12	18	7	10	15
National Academy of Medical Sciences of Ukraine	123	37	21	16	13
The State Concern “UkrOboronProm”	6	6	18	13	11
Other Government Agencies	75	34	31	39	12

Higher Educational Institutions of Ukraine with the Highest Inventive Activity Based on Applications for Inventions and Utility Models in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024 ²
Total	2,046	1,724	886	1,370	1,580
Vinnitsia National Technical University	46	63	22	123	90
Lviv Polytechnic National University	44	45	57	63	72
Kharkiv National Automobile and Highway University	28	17	8	58	69
National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»	28	25	36	64	68
Ivan Kozhedub National Air Force University	12	18	30	61	56
National University of Life and Environmental Sciences of Ukraine	46	52	34	23	49
National Technical University «Kharkiv Polytechnic Institute»	39	45	13	22	46
Ternopil Ivan Puluj National Technical University	45	11	18	48	42
Uman National University of Horticulture	12	32	32	16	39
Ukrainian State University of Railway Transport	13	26	2	15	37
Kyryvyi Rih National University	19	25	35	50	34
Uzhhorod National University	51	41	24	22	32
National University of Food Technologies	40	26	22	32	32
The National University of Water and Environmental Engineering	16	16	23	18	32
Donetsk National Technical University	17	12	2	13	30
National University of Civil Protection of Ukraine	28	42	30	41	29
National Pirogov Memorial Medical University, Vinnytsya	105	7	3	55	29
Dnipro State Agrarian and Economic University	15	27	21	1	26
Poltava State Agrarian University	14	31	19	13	25
Danylo Halytsky Lviv National Medical University	24	3	6	9	24
Taras Shevchenko National University of Kyiv	17	23	12	11	24
National University «Odessa Maritime Academy»	16	21	7	15	23
Odesa National University of Technology	35	24	10	17	22
Admiral Makarov National University of Shipbuilding	8	19	–	3	22
Lutsk National Technical University	8	26	15	33	22
National Aviation University	34	19	3	6	21
Volodymyr Dahl East Ukrainian National University	26	46	22	24	20
Central Ukrainian National Technical University	21	21	16	25	20
Higher educational institution «Podillia State University»	1	9	11	21	19
Poltava State Medical University	–	2	2	16	18
Oles Honchar Dnipro National University	15	16	15	16	18
Sumy State University	33	20	5	9	18
Dnipro University of Technology	12	21	23	15	18
Other	1,178	893	308	412	454

Scientific Organizations of Ukraine with the Highest Inventive Activity Based on Applications for Inventions and Utility Models in 9 Months of the Year from 2020 to 2024¹

	2020	2021	2022	2023	2024²
Total	470	428	280	320	316
M.S. Poliakov Institute of Geotechnical Mechanics of NAS of Ukraine	16	39	12	19	32
E.O. Paton Electric Welding Institute of NAS of Ukraine	10	11	9	3	16
V. Bakul Institute for Superhard Materials	15	12	13	10	15
The Institute of Renewable Energy	5	6	1	4	11
L.V.Pisarzhevskii Institute of Physical Chemistry of NAS of Ukraine	6	9	11	6	11
V.E. Lashkaryov Institute of Semiconductor Physics of NAS of Ukraine	7	11	14	7	10
Institute for Problems in Materials Science of I.M.Fratsevich of NAS of Ukraine	8	6	–	7	9
Chuiko Institute of Surface Chemistry	5	9	1	4	8
Institute for Problems of Cryobiology and Cryomedicine	7	6	2	2	8
Karpenko Physico-Mechanical Institute	4	6	2	1	8
Institute of Electrodynamics	10	10	3	7	7
Ivchenko-Progress State Enterprise	2	–	1	2	6
L. M. Litvinenko Institute of Physical-Organic Chemistry and Coal Chemistry	–	2	2	2	6
Institute of Engineering Thermophysics of NAS of Ukraine	7	16	7	24	6
Sytenko Institute of Spine and Joint Pathology National Academy of Medical Sciences of Ukraine	5	2	3	5	5
National Scientific Center «Institute of Experimental and Clinical Veterinary Medicine»	16	7	1	4	5
Thermal Energy Technology Institute	–	1	–	–	4
Institute of Molecular Biology and Genetics	4	4	1	2	4
Institute of Pharmacology and Toxicology	–	6	4	–	4
The National Scientific Center «Institute of Agriculture of NAAS of Ukraine»	–	1	1	3	4
O.Ya. Usikov Institute for Radiophysics and Electronics	–	–	–	4	4
O.O. Bogomoletz Institute of Physiology of NAS of Ukraine	1	1	2	3	4
V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry	5	–	–	5	4
Institute of pig breeding and agricultural production	4	4	7	3	4
Other	333	259	183	193	121

**Resident Applications for Inventions and Utility Models by Region of Ukraine
in 9 Months of the Year from 2020 to 2024¹**

	Utility Models					Inventions				
	2020	2021	2022	2023	2024 ²	2020	2021	2022	2023	2024 ²
Total	3,825	3,026	1,664	2,446	2,689	941	908	504	723	684
The Autonomous Republic of Crimea	5	–	–	–	–	1	1	–	–	–
Vinnitsia	166	102	46	219	146	31	21	12	25	12
Volyn	48	46	24	60	43	1	6	5	3	4
Dnipropetrovsk	317	297	169	217	240	89	101	70	56	74
Donetsk	92	60	11	68	77	23	18	3	14	16
Zhytomyr	47	23	14	13	17	13	9	9	6	6
Zakarpattia	53	31	18	27	50	30	21	12	17	41
Zaporizhzhia	243	100	24	43	48	27	32	17	21	22
Ivano-Frankivsk	65	53	34	34	39	25	24	14	11	12
Kyiv Region	77	72	54	89	95	39	45	18	47	34
Kirovohrad	29	32	21	30	25	13	9	4	7	4
Luhansk	45	25	5	5	2	4	8	–	3	1
Lviv	154	141	114	136	154	30	56	45	76	50
Mykolayiv	37	56	11	35	45	12	13	6	7	3
Odesa	186	134	67	87	114	56	67	34	31	37
Poltava	126	98	76	68	100	13	15	1	8	21
Rivne	31	30	34	27	46	1	2	1	2	2
Sumy	68	50	31	58	47	16	25	13	18	13
Ternopil	297	268	46	83	82	18	9	7	23	22
Kharkiv	515	438	227	364	465	147	114	54	90	84
Kherson	68	42	19	10	31	14	11	2	2	2
Khmelnyskyi	38	45	30	57	56	8	2	–	5	7
Cherkasy	47	68	61	49	78	9	2	8	5	4
Chernivtsi	81	38	24	21	18	1	2	1	2	5
Chernihiv	17	25	19	12	20	11	8	1	3	4
Kyiv	971	751	484	631	651	309	286	167	241	204
Sevastopol	–	1	–	3	–	–	1	–	–	–
Objects with limited access	2	–	1	–	–	–	–	–	–	–

**Resident Applications for Inventions and Utility Models by Region of Ukraine
in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024²
Total	4,766	3,934	2,168	3,169	3,373
The Autonomous Republic of Crimea	6	1	–	–	–
Vinnitsia	197	123	58	244	158
Volyn	49	52	29	63	47
Dnipropetrovsk	406	398	239	273	314
Donetsk	115	78	14	82	93
Zhytomyr	60	32	23	19	23
Zakarpattia	83	52	30	44	91
Zaporizhzhia	270	132	41	64	70
Ivano-Frankivsk	90	77	48	45	51
Kyiv Region	116	117	72	136	129
Kirovohrad	42	41	25	37	29
Luhansk	49	33	5	8	3
Lviv	184	197	159	212	204
Mykolayiv	49	69	17	42	48
Odesa	242	201	101	118	151
Poltava	139	113	77	76	121
Rivne	32	32	35	29	48
Sumy	84	75	44	76	60
Ternopil	315	277	53	106	104
Kharkiv	662	552	281	454	549
Kherson	82	53	21	12	33
Khmelnyskyi	46	47	30	62	63
Cherkasy	56	70	69	54	82
Chernivtsi	82	40	25	23	23
Chernihiv	28	33	20	15	24
Kyiv	1,280	1,037	651	872	855
Sevastopol	–	2	–	3	–
Objects with limited access	2	–	1	–	–

**Resident Registrations for Inventions and Utility Models by Region of Ukraine
in 9 Months of the Year from 2020 to 2024**

	Utility Models					Inventions				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Total	4,996	3,070	1,774	1,819	2,351	793	753	550	336	280
The Autonomous Republic of Crimea	4	5	–	–	–	2	–	–	–	–
Vinnitsia	253	128	56	108	116	14	13	7	5	7
Volyn	20	45	23	46	32	3	4	1	3	3
Dnipropetrovsk	432	351	186	160	224	88	63	76	30	15
Donetsk	120	63	21	27	88	22	24	11	13	5
Zhytomyr	45	23	13	14	9	11	11	2	1	2
Zakarpattia	57	39	14	22	23	17	15	11	13	6
Zaporizhzhia	216	244	61	32	112	23	15	13	12	11
Ivano-Frankivsk	82	45	33	35	24	15	13	14	10	6
Kyiv Region	108	87	44	55	71	21	21	32	18	2
Kirovohrad	49	36	26	30	33	12	14	5	1	–
Luhansk	33	29	9	–	7	3	4	1	1	1
Lviv	211	124	87	111	120	52	51	29	8	28
Mykolayiv	72	40	26	18	28	12	10	8	3	1
Odesa	210	119	80	52	81	52	40	32	15	9
Poltava	135	99	68	49	74	7	8	6	4	3
Rivne	58	37	19	26	30	1	–	–	2	1
Sumy	90	46	37	45	61	11	12	7	7	7
Ternopil	268	64	41	45	73	7	10	7	6	2
Kharkiv	759	397	348	314	425	124	115	82	42	45
Kherson	70	43	18	17	13	2	3	1	1	1
Khmelnyskyi	51	51	27	38	40	2	2	1	1	1
Cherkasy	87	56	30	44	52	5	12	4	4	4
Chernivtsi	122	71	36	17	25	2	1	1	1	–
Chernihiv	23	19	10	11	12	12	7	6	2	–
Kyiv	1,420	809	460	502	574	272	285	193	133	120
Sevastopol	–	–	1	–	3	1	–	–	–	–
Objects with limited access	1	–	–	1	1	–	–	–	–	–

Resident Registrations for Both Inventions and Utility Models from Legal Entities by Economic Activities in 9 Months of the Year from 2020 to 2024

	2020	2021	2022	2023	2024
Total	3,766	2,456	1,407	1,528	1,777
Agriculture, forestry and fishing	7	4	–	3	3
Mining and quarrying	8	11	5	11	5
Manufacturing, including	157	151	51	45	41
Manufacture of food products, beverages and tobacco	9	13	–	–	2
Manufacture of textiles and textile products, leather and leather products	2	1	2	2	1
Manufacture of wood and wood products, paper and paper products; publishing and printing	5	2	1	–	1
Manufacture of coke and refined petroleum products	–	–	–	–	–
Manufacture of chemicals and chemical products	4	4	–	1	–
Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	5	2	2	3
Manufacture of rubber and plastic products	9	24	7	7	4
Manufacture of fabricated metal products, except machinery and equipment	11	12	8	2	3
Manufacture of computer, electronic and optical products	15	6	6	2	2
Manufacture of electrical equipment	14	11	3	7	1
Manufacture of machinery and equipment n.e.c.	60	42	16	5	17
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	18	25	5	17	5
Manufacture of furniture, Other products, Repair and installation of machinery and equipment	5	6	1	–	2
Electricity, gas, steam and air conditioning supply	–	–	–	–	–
Water supply; sewerage, waste management and remediation activities	–	1	–	1	–
Construction	2	3	2	–	–
Wholesale and retail trade; repair of motor vehicles and motorcycles	32	28	20	19	14
Transportation and storage	2	1	2	1	1
Information and communication	13	9	5	–	3
Financial and insurance activities	–	2	–	–	–
Real estate activities	4	3	–	–	–
Professional, scientific and technical activities	767	473	343	296	283
Scientific research and development	714	437	327	293	268
Administrative and support service activities	6	2	1	–	2
Education	2,640	1,721	937	1,081	1,341
Human health and social work activities	104	25	13	11	5
Other	24	22	28	60	79

**Non-Resident Applications for Trademarks under the National Procedure
by Origin in 9 Months of the Year from 2020 to 2024¹**

	2020	2021	2022	2023	2024²
Total	2,908	3,144	1,727	1,964	2,150
United States of America	594	591	325	297	378
Switzerland	302	330	169	213	275
Cyprus	406	347	226	296	220
China	141	206	131	139	163
United Kingdom	111	144	87	178	139
Poland	62	72	51	98	123
Germany	106	125	91	84	95
Mauritius	2	7	13	6	58
India	90	122	35	19	55
France	48	102	20	25	49
Republic of Korea	99	61	57	33	39
Latvia	8	6	4	26	34
United Arab Emirates	35	61	23	17	33
Japan	81	65	33	38	28
Estonia	21	34	7	54	26
Lithuania	29	23	9	27	26
Spain	13	49	10	3	23
Türkiye	26	49	25	18	21
Hong Kong, China	50	21	13	34	19
Liechtenstein	12	13	2	12	19
Armenia	4	–	–	1	18
Bulgaria	13	7	3	8	17
Austria	25	28	14	27	16
Netherlands (Kingdom of the)	47	66	37	26	16
Denmark	4	11	15	11	16
Sweden	21	8	9	6	15
Italy	21	47	10	15	14
Luxembourg	15	12	5	3	13
Canada	16	12	9	7	13
Monaco	1	1	–	–	13
Other	505	524	294	243	176