

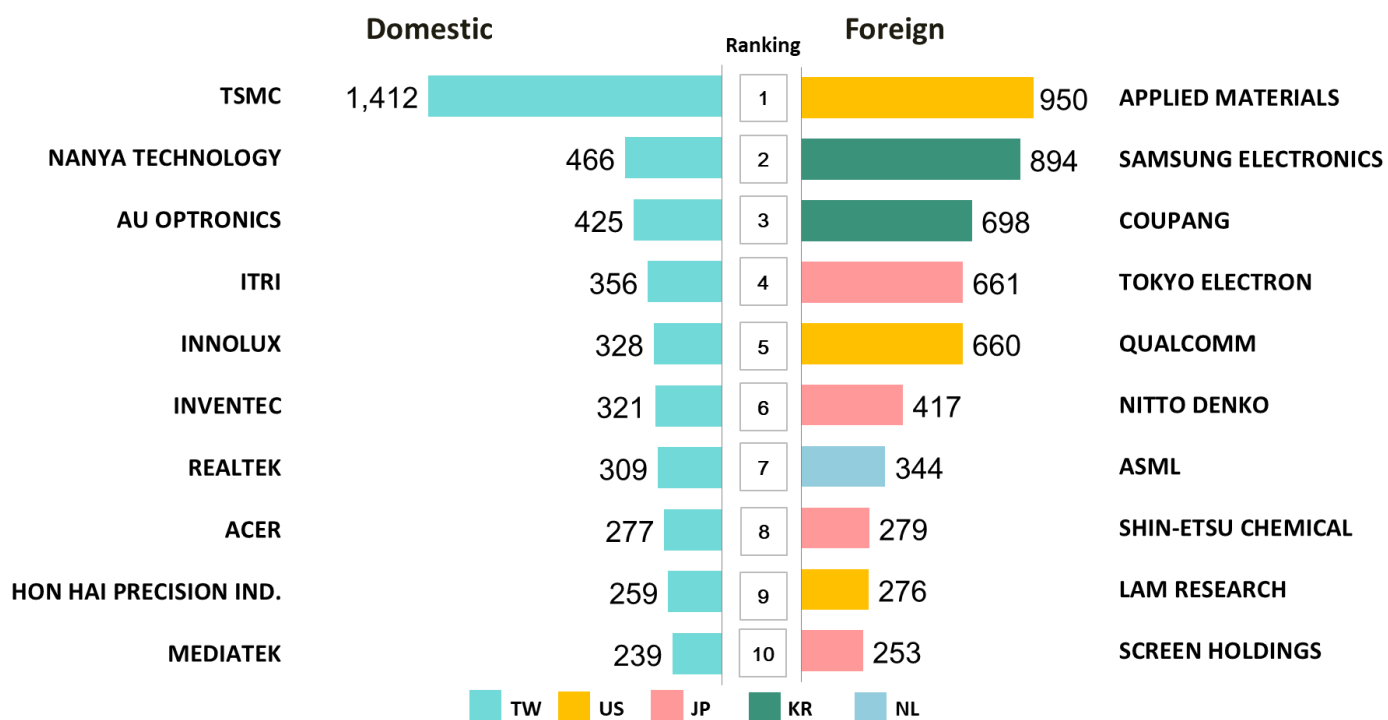


Fig Top 10 Invention Patent Applicants in 2024

Table 1 Top 20 Domestic Invention Patent Applicants in 2024

Unit: Case

Ranking	Change in position from 2023	Applicant	2023	2024	Growth Rate
1	0	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	1,956	1,412	-28%
2	2	NANYA TECHNOLOGY CORPORATION	373	466	25%
3	0	AU OPTRONICS CORPORATION	448	425	-5%
4	2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	310	356	15%
5	0	INNOLUX CORPORATION	324	328	1%
6	1	INVENTEC CORPORATION	303	321	6%
7	2	REALTEK SEMICONDUCTOR CORPORATION	271	309	14%
8	0	ACER INCORPORATED	292	277	-5%
9	7	HON HAI PRECISION INDUSTRY CO., LTD.	134	259	93%
10	-8	MEDIATEK INC.	541	239	-56%
11	-1	DELTA ELECTRONICS, INC.	188	230	22%
12	-1	UNITED MICROELECTRONICS CORP.	177	221	25%
13	10	WINBOND ELECTRONICS CORP.	101	160	58%
14	-2	CHUNGHWA TELECOM CO., LTD.	156	159	2%
15	11	NOVATEK MICROELECTRONICS CORP.	98	136	39%
16	0	CHINA STEEL CORPORATION	134	133	-1%
17	-4	POWERCHIP SEMICONDUCTOR MANUFACTURING CORPORATION	138	131	-5%
17	7	NUVOTON TECHNOLOGY CORPORATION	99	131	32%
19	-5	MACRONIX INTERNATIONAL CO., LTD.	137	125	-9%
20	2	HTC CORPORATION	105	122	16%

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Table 2 Top 10 Foreign Invention Patent Applicants in 2024

Unit: Case

Ranking	Change in position from 2023	Nationality	Applicant	2023	2024	Growth Rate
1	1	US	APPLIED MATERIALS, INC.	738	950	29%
2	-1	R. Korea	SAMSUNG ELECTRONICS CO., LTD.	977	894	-8%
3	3	R. Korea	COUPANG CORP.	454	698	54%
4	0	Japan	TOKYO ELECTRON LIMITED	547	661	21%
5	-2	US	QUALCOMM INCORPORATED	639	660	3%
6	-1	Japan	NITTO DENKO CORPORATION	478	417	-13%
7	0	Netherlands	ASML NETHERLANDS B.V.	309	344	11%
8	4	Japan	SHIN-ETSU CHEMICAL CO., LTD.	229	279	22%
9	1	US	LAM RESEARCH CORPORATION	247	276	12%
10	-1	Japan	SCREEN HOLDINGS CO., LTD.	259	253	-2%
11	0	Japan	RESONAC CORPORATION	243	251	3%
12	-4	Japan	FUJIFILM CORPORATION	275	249	-9%
13	1	Japan	KIOXIA CORPORATION	218	221	1%
14	3	Japan	SUMITOMO CHEMICAL CO., LTD.	193	213	10%
15	11	Japan	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	133	194	46%
16	-1	Japan	FANUC CORPORATION	208	193	-7%
17	7	Mainland China	HUAWEI TECHNOLOGIES CO., LTD.	144	184	28%
18	9	Switzerland	WONDERLAND SWITZERLAND AG	131	167	27%
19	0	Japan	AGC INC.	170	157	-8%
20	-4	Netherlands	ASM IP HOLDING B.V.	197	156	-21%

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Table 3 Research Institute Among Top 100 Domestic Invention Patent Applicants in 2024

Unit: Case

Research Institution Ranking	Ranking	Applicant	2023	2024	Growth Rate
1	4	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	310	356	15%
2	28	METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE	99	93	-6%
3	69	NATIONAL ATOMIC RESEARCH INSTITUTE	35	37	6%
4	81	TAIWAN TEXTILE RESEARCH INSTITUTE	40	31	-23%
5	100	ACADEMIA SINICA	19	24	26%

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Table 4 Universities Among Top 100 Domestic Invention Patent Applicants in 2024

Unit: Case

School Ranking	Ranking	Applicant	2023	2024	Growth Rate
1	21	NATIONAL CHENG KUNG UNIVERSITY	114	121	6%
2	26	NATIONAL TAIWAN UNIVERSITY	75	98	31%
3	29	NATIONAL TSING HUA UNIVERSITY	98	83	-15%
4	32	NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY	88	75	-15%
5	33	NATIONAL YANG MING CHIAO TUNG UNIVERSITY	91	74	-19%
6	40	NATIONAL PINGTUNG UNIVERSITY OF SCIENCE	56	60	7%
7	43	NATIONAL TAIPEI UNIVERSITY OF TECHNOLOGY	47	55	17%
8	49	NATIONAL SUN YAT-SEN UNIVERSITY	41	51	24%
9	51	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	52	49	-6%
10	53	NATIONAL CHUNG HSING UNIVERSITY	43	48	12%
11	54	TAIPEI MEDICAL UNIVERSITY	31	47	52%
12	56	KUN SHAN UNIVERSITY	52	46	-12%
13	59	NATIONAL KAOHSIUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	51	44	-14%
14	60	NATIONAL CENTRAL UNIVERSITY	56	43	-23%
15	63	CHANG GUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	42	41	-2%
15	63	ASIA EASTERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	26	41	58%
17	68	NATIONAL FORMOSA UNIVERSITY	29	38	31%
18	77	CHINA MEDICAL UNIVERSITY	29	33	14%
19	84	CHENG SHIU UNIVERSITY	22	30	36%
20	96	NAN KAI UNIVERSITY OF TECHNOLOGY	26	25	-4%
20	96	NATIONAL CHUNG-CHENG UNIVERSITY	22	25	14%

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Table 5 Universities Among Top 100 Domestic Patent Applicants in 2024

Unit: Case

School Ranking	Ranking	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
1	17	TAIPEI CITY UNIVERSITY OF SCIENCE AND TECHNOLOGY	16	161	0	177	26%
2	23	NATIONAL CHENG KUNG UNIVERSITY	121	13	2	136	4%
3	36	SHU TE UNIVERSITY	22	49	34	105	-11%
4	37	NATIONAL TAIWAN UNIVERSITY	98	4	0	102	24%
5	40	NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY	75	22	0	97	-16%
6	41	CHANG GUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	41	2	51	94	-20%
7	43	VANUNG UNIVERSITY	4	68	19	91	12%
8	45	NATIONAL TSING HUA UNIVERSITY	83	2	0	85	-15%
9	46	NATIONAL PINGTUNG UNIVERSITY OF SCIENCE	60	19	4	83	34%
10	50	NATIONAL YANG MING CHIAO TUNG UNIVERSITY	74	2	0	76	-22%
11	56	TAIPEI MEDICAL UNIVERSITY	47	15	1	63	62%
12	58	KUN SHAN UNIVERSITY	46	0	16	62	0%
13	62	NATIONAL TAIPEI UNIVERSITY OF TECHNOLOGY	55	3	3	61	17%
14	68	ASIA EASTERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	41	7	8	56	30%
15	70	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	49	5	1	55	-2%
15	70	CHENG SHIU UNIVERSITY	30	25	0	55	-15%
17	74	NATIONAL CHUNG HSING UNIVERSITY	48	6	0	54	13%
17	74	NATIONAL KAOHSIUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	44	8	2	54	-17%
19	78	NATIONAL SUN YAT-SEN UNIVERSITY	51	1	0	52	18%
19	78	NATIONAL FORMOSA UNIVERSITY	38	14	0	52	49%

School Ranking	Ranking	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
19	78	LUNGHWA UNIVERSITY OF SCIENCE AND TECHNOLOGY	16	36	0	52	-31%
22	88	NATIONAL CENTRAL UNIVERSITY	43	2	1	46	-19%
23	94	CHINA MEDICAL UNIVERSITY	33	8	0	41	21%
23	94	NAN KAI UNIVERSITY OF TECHNOLOGY	25	16	0	41	0%
25	100	CTBC UNIVERSITY OF SCIENCE AND TECHNOLOGY	11	29	0	40	-7%

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