newsrelease
經濟部智慧財產局
INTELLECTUAL PROPERTY OFFICE
MINISTRY OF ECONOMIC AFFAIRS

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Table 1 Top 10 Domestic Patent Applicants in 2021

Unit: Case

Rank	ID	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
1	22099131	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	1,950	0	0	1,950	78%
2	84149738	AU OPTRONICS CORPORATION	460	4	7	471	1%
3	20828393	ACER INCORPORATED	312	55	95	462	-12%
4	22671299	REALTEK SEMICONDUCTOR CORPORATION	440	0	2	442	5%
5	02750963	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	392	11	1	404	15%
6	89390656	NANYA TECHNOLOGY CORPORATION	290	0	0	290	116%
7	84149961	MEDIATEK INC.	249	12	0	261	-21%
8	04322046	INVENTEC CORPORATION	230	3	0	233	-1%
9	30414175	CHINA STEEL CORPORATION	125	86	0	211	17%
10	34051920	DELTA ELECTRONICS, INC.	163	30	12	205	18%

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Table 2 Top 10 Foreign Patent Applicants in 2021

Unit: Case

Rank	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
1	QUALCOMM INCORPORATED	845	0	0	845	17%
2	APPLIED MATERIALS, INC.	758	1	34	793	22%
3	NITTO DENKO CORPORATION	529	0	0	529	15%
4	SAMSUNG ELECTRONICS CO., LTD.	510	0	10	520	98%
5	TOKYO ELECTRON LIMITED	463	0	14	477	4%
6	KIOXIA CORPORATION	457	0	1	458	36%
7	SUMITOMO CHEMICAL CO., LTD.	276	0	0	276	4%
8	ASML NETHERLANDS B.V.	265	0	0	265	10%
9	FUJIFILM CORPORATION	262	0	0	262	1%
10	DISCO CORPORATION	225	0	0	225	-23%

Reporting Date: January 11, 2022

Table 3 Banks Among Top 100 Domestic Patent Applicants in 2021

Unit: Case

Rank	ID	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
15	03705903	MEGA INTERNATIONAL COMMERCIAL BANK CO., LTD.	25	140	0	165	85%
17	03077208	CTBC BANK CO., LTD.	39	116	0	155	70%
18	70799128	TAIWAN COOPERATIVE BANK CO., LTD.	11	133	0	144	53%
44	03700301	LAND BANK OF TAIWAN	6	73	0	79	-41%
62	03742301	HUA NAN COMMERCIAL BANK, LTD.	46	13	0	59	-9%
77	03557311	BANK OF TAIWAN	6	43	1	50	-60%

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Table 4 Colleges Among Top 100 Domestic Patent Applicants in 2021

Unit: Case

Rank	ID	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
14	29902611	TAIPEI CHENGSHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	7	163	0	170	-6%
19	87557573	NATIONAL YANG MING CHIAO TUNG UNIVERSITY	135	6	0	141	--
26	69115908	NATIONAL CHENG KUNG UNIVERSITY	102	8	3	113	-13%
29	73502016	FAR-EAST-UNIVERSITY	32	76	0	108	-39%
31	57301337	NATIONAL CHINYI UNIVERSITY OF TECHNOLOGY	71	29	0	100	-11%
33	03734301	NATIONAL TAIWAN UNIVERSITY	86	9	0	95	10%
37	46804804	NATIONAL TSING HUA UNIVERSITY	86	2	0	88	-16%
40	87900886	SHU-TE UNIVERSITY	18	34	30	82	-6%
46	76014406	NATIONAL KAOHSIUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	64	13	1	78	-16%
47	66024658	WUFENG UNIVERSITY	1	74	0	75	3%
49	02612809	CHANG GUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	28	1	43	72	-15%
51	04126516	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	62	7	0	69	-25%
51	43642383	VANUNG UNIVERSITY	6	42	21	69	-37%
55	45002545	LUNGHWA UNIVERSITY OF SCIENCE AND TECHNOLOGY	40	24	1	65	30%
57	69795525	CHENG SHIU UNIVERSITY	22	41	1	64	-9%
58	73502108	KUN SHAN UNIVERSITY	58	1	4	63	-6%
58	92021164	NATIONAL TAIPEI UNIVERSITY OF TECHNOLOGY	55	6	2	63	-19%
62	64967512	NATIONAL FORMOSA UNIVERSITY	52	7	0	59	-18%
69	52024101	NATIONAL CHUNG HSING UNIVERSITY	52	3	0	55	6%
71	61604220	NAN KAI UNIVERSITY OF TECHNOLOGY	39	14	0	53	-30%
76	91004103	NATIONAL PINGTUNG UNIVERSITY OF SCIENCE	40	8	3	51	9%
78	76211194	NATIONAL SUN YAT-SEN UNIVERSITY	44	4	1	49	2%
78	06195262	NATIONAL YUNLIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	33	11	5	49	14%
78	33503910	ASIA EASTERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	29	16	4	49	-29%
94	52010606	NATIONAL TAICHUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY	7	32	1	40	-18%

Table 4 Colleges Among Top 100 Domestic Patent Applicants in 2021 (continued)

Unit: Case

Rank	ID	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
97	45002931	NATIONAL CENTRAL UNIVERSITY	32	6	0	38	-25%
100	52006700	HSIUPING UNIVERSITY OF SCIENCE AND TECHNOLOGY	6	31	0	37	42%
100	38201034	TUNGNAN UNIVERSITY	1	33	3	37	61%

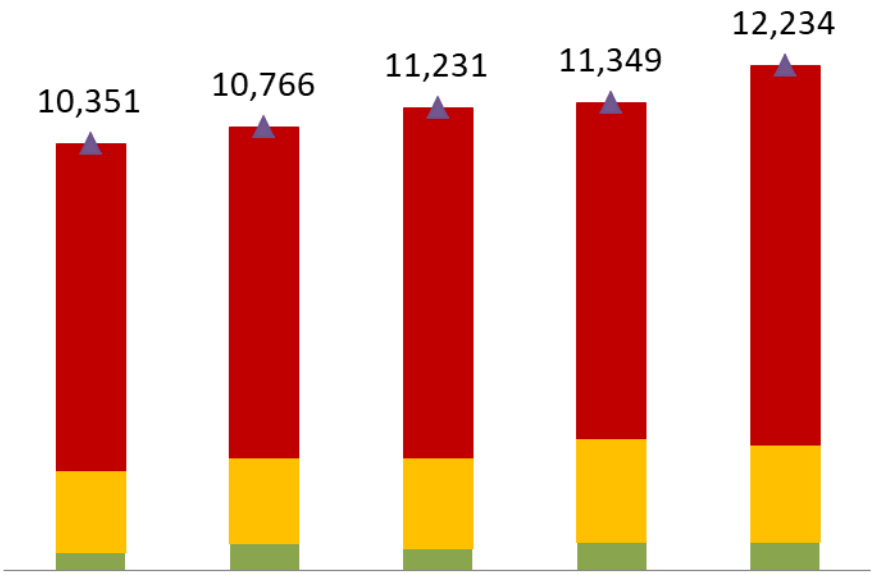
Note: 1. National Yang Ming University and National Chiao Tung University formally merged into the "National Yang Ming Chiao Tung University" on February 1, 2021.
2. Reporting Date: January 11, 2022

Table 5 Research Institutions Among Top 100 Domestic Patent Applicants in 2021

Unit: Case

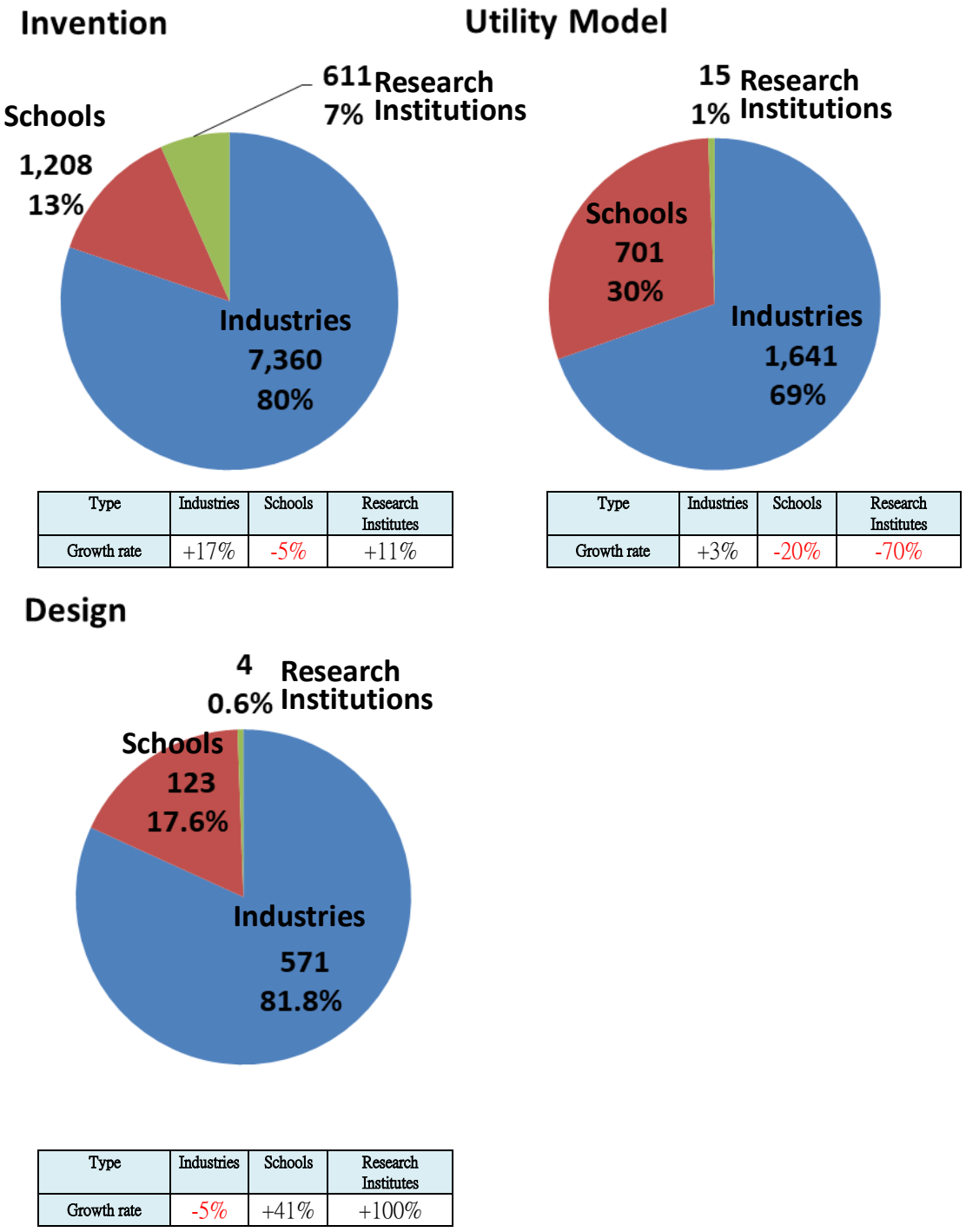
Rank	ID	Applicant	Invention	Utility Model	Design	Overall	Growth Rate
5	02750963	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	392	11	1	404	15%
36	83300307	METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE	82	4	3	89	-8%
83	02717206	INSTITUTE OF NUCLEAR ENERGY RESEARCH, ATOMIC ENERGY COUNCIL, EXECUTIVE YUAN, R.O.C	47	0	0	47	18%
88	03811209	ACADEMIA SINICA	45	0	0	45	41%
88	05076416	INSTITUTE FOR INFORMATION INDUSTRY	45	0	0	45	-12%

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	2017	2018	2019	2020	2021	
Invention	7,920	8,041	8,486	8,137	9,179	↑13%
Utility Model	1,993	2,067	2,230	2,524	2,357	↓ 7%
Design	438	658	515	688	698	↑ 1%
Share of Invention	77%	75%	76%	72%	75%	
Share of Utility Model	19%	19%	20%	22%	19%	
Share of Design	4%	6%	4%	6%	6%	
▲Total	10,351	10,766	11,231	11,349	12,234	↑ 8%

Figure 1 Patent Applications by Domestic Applicants among the Top 100

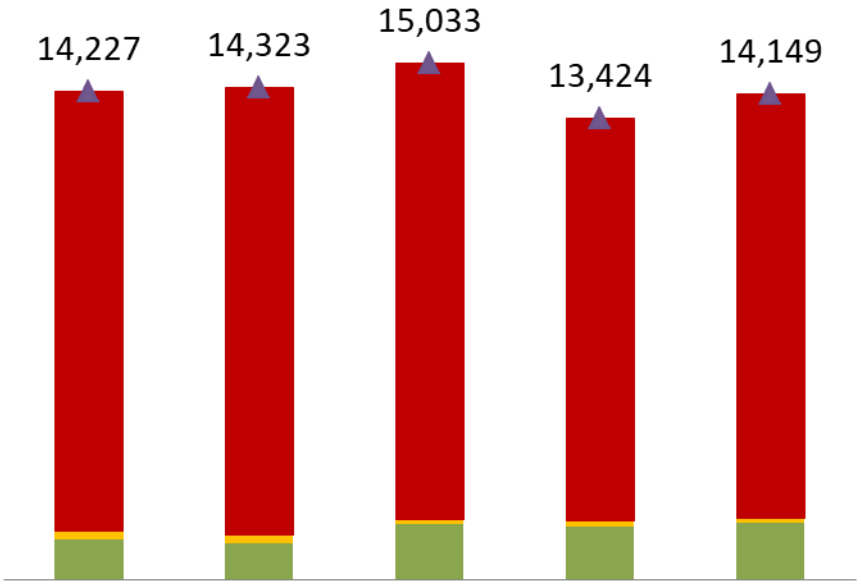


Type	Industries	Schools	Research Institutes
Growth rate	+17%	-5%	+11%

Type	Industries	Schools	Research Institutes
Growth rate	+3%	-20%	-70%

Type	Industries	Schools	Research Institutes
Growth rate	-5%	+41%	+100%

Figure 2 Patent Applications by Domestic Applicants among the Top 100



	2017	2018	2019	2020	2021	
Invention	12,818	12,999	13,271	11,715	12,335	↑5%
Utility Model	214	239	130	144	148	↑3%
Design	1,195	1,085	1,632	1,565	1,666	↑6%
Share of Invention	90%	91%	88%	87%	87%	
Share of Utility Model	2%	2%	1%	1%	1%	
Share of Design	8%	7%	11%	12%	12%	
▲Total	14,227	14,323	15,033	13,424	14,149	↑5%

Figure 3 Patent Applications by Foreign Applicants among the Top 100