

D-17 各行業研究發展家數及經費

行 業 別	研究發展經費 (新台幣千元) R&D Expenditures (NT\$1,000)			
	105年 2016	106年 2017	107年 2018	108年 2019
總計	-	530 598 384	558 120 372	565 235 217
製造業	-	530 598 384	558 120 372	565 235 217
食品及飼品業	-	2 811 398	3 043 335	3 108 315
飲料及菸草業	-	698 619	859 278	956 329
紡織業	-	2 498 208	2 040 950	2 359 495
成衣及服飾品業	-	226 600	290 436	287 494
皮革毛皮製品業	-	3 949 107	4 177 740	4 303 859
木竹製品業	-	74 649	30 803	33 254
紙漿、紙及紙製品業	-	344 640	722 179	401 413
印刷及資料儲存媒體複製業	-	649 762	671 112	766 316
石油及煤製品業	-	1 285 037	1 535 755	1 811 724
化學原材料、肥料、氮化合物、 塑橡膠原料及人纖業	-	10 184 563	10 064 974	10 772 766
其他化學製品業	-	6 323 312	6 611 673	6 584 175
藥品及醫用化學製品業	-	9 951 368	10 280 081	10 416 459
橡膠製品業	-	2 324 034	2 636 040	2 576 721
塑膠製品業	-	3 004 476	3 091 024	2 918 150
非金屬礦物製品業	-	1 402 211	1 681 889	1 549 918
基本金屬業	-	3 075 256	4 151 071	3 882 019
金屬製品業	-	4 356 124	4 382 373	4 856 405
電子零組件業	-	295 252 549	306 877 771	306 955 912
電腦電子產品及光學製品業	-	130 469 448	132 871 169	136 909 339
電力設備及配備業	-	13 042 755	19 106 701	22 438 507
機械設備業	-	17 780 960	19 891 826	17 959 944
汽車及其零件業	-	8 641 378	9 545 775	8 227 329
其他運輸工具及其零件業	-	5 801 902	6 390 376	6 774 300
家具業	-	162 071	175 975	139 735
其他業	-	6 255 055	6 948 165	8 114 210
產業用機械設備維修及安裝業	-	32 902	41 901	131 129
非製造業	-	-	-	-

資料來源：經濟部統計處。

附註：1. 行業別係採行政院主計處頒定之中華民國行業標準分類（第10次修訂版）。

2. 配合工業及服務業普查，105年未辦理工廠校正及營運調查。

3. *表工廠家數不及3家，資料不予公布。

D-17 R&D Companies and Expenditures by Industry

研究發展工廠家數 (家)				Industry
Number of Factories with R&D Activities (Establishments)				
105年 2016	106年 2017	107年 2018	108年 2019	
-	7 096	7 316	7 377	Total
-	7 096	7 316	7 377	Manufacturing
-	476	501	506	Food Products and Prepared Animal Feeds Manufacturing
-	50	57	53	Beverages and Tobacco Manufacturing
-	195	207	216	Textiles Mills
-	17	25	35	Wearing Apparel and Clothing Accessories Manufacturing
-	26	27	27	Leather, Fur and Related Products Manufacturing
-	13	15	10	Wood and Bamboo Products Manufacturing
-	45	51	44	Paper and Paper Products Manufacturing
-	57	60	59	Printing and Reproduction of Recorded Media
-	12	15	17	Petroleum and Coal Products Manufacturing
-	256	254	263	Chemical Material, Fertilizers and Nitrogen Compounds, Plastic and Rubber Materials, Man-made Fibres Manufacturing
-	361	363	354	Other Chemical Products Manufacturing
-	193	192	211	Pharmaceuticals and Medicinal Chemical Products Manufacturing
-	102	93	87	Rubber Products Manufacturing
-	265	289	280	Plastic Products Manufacturing
-	181	167	177	Other Non-metallic Mineral Products Manufacturing
-	141	146	154	Basic Metal Manufacturing
-	577	593	613	Fabricated Metal Products Manufacturing
-	1 210	1 240	1 224	Electronic Parts and Components Manufacturing
-	818	833	849	Computers, Electronic and Optical Products Manufacturing
-	421	424	404	Electrical Equipment Manufacturing
-	815	853	902	Machinery and Equipment Manufacturing
-	239	262	259	Motor Vehicles and Parts Manufacturing
-	174	187	181	Other Transport Equipment and Parts Manufacturing
-	62	64	56	Furniture Manufacturing
-	384	391	386	Other Manufacturing
-	6	7	10	Repair and Installation of Industrial Machinery and Equipment
-	-	-	-	Non-Manufacturing

Source : Department of Statistics, M. O. E. A.,

Note : 1. The Standard Industrial Classification (The 10th Amendment) published by DGBAS of Executive Yuan.

2. The Industrial Census was temporarily suspended by Industry and Service Census of DGBAS, Executive Yuan in 2016.

3. (*)Data will not be posted when the number of factory is less than 3.