

TABLE 6-3

Total R&D cost for companies with 5–9 employees, by selected industry and source of funds: 2017

(Thousands of U.S. dollars)

Industry	NAICS code	Total	Paid for by the company	Foreign owner	Another U.S. company	Other businesses outside the United States	U.S. university or college	U.S. nonprofit organization	U.S. federal government	U.S. state or local government	All other organizations outside the United States
All selected industries	31–33, 42, 51, 5413, 5415, 5417	3,129,946	2,539,152	100,877	72,625	26,530	6,649	5,533	355,263	7,915	15,403
Manufacturing industries	31–33	280,177	244,626	6,570	5,619	S	351	0	22,344	522	S
Food, beverage, and tobacco products	311–12	2,735	2,735	0	0	0	0	0	0	0	0
Textile, apparel, and leather products	313–16	S	S	0	0	0	0	0	0	0	0
Wood products	321	0	0	0	0	0	0	0	0	0	0
Paper	322	0	0	0	0	0	0	0	0	0	0
Printing and related support activities	323	0	0	0	0	0	0	0	0	0	0
Petroleum and coal products	324	S	0	0	0	0	0	0	S	0	0
Pharmaceuticals and medicines	3254	39,030	31,302	1,793	5,212	0	0	0	723	0	0
Chemicals, excluding pharmaceuticals	325 (excluding 3254)	13,717	12,815	0	0	S	S	0	827	0	0
Plastics and rubber products	326	8,632	8,632	0	0	0	0	0	0	0	0
Nonmetallic mineral products	327	1,836	1,340	0	S	0	0	0	S	0	0
Primary metals	331	0	0	0	0	0	0	0	0	0	0
Fabricated metal products	332	S	S	0	0	0	0	0	0	0	0
Machinery	333	27,976	26,775	0	294	0	343	0	392	171	0
Computer and electronic products	334	144,870	120,406	4,777	101	0	0	0	19,158	350	S
Electrical equipment, appliances, and components	335	10,757	10,757	0	0	0	0	0	0	0	0
Transportation equipment	336	2,055	2,055	0	0	0	0	0	0	0	0
Furniture and related products	337	0	0	0	0	0	0	0	0	0	0
Miscellaneous manufacturing	339	25,993	25,993	0	0	0	0	0	0	0	0
Selected nonmanufacturing industries	42, 51, 5413, 5415, 5417	2,849,769	2,294,527	94,307	67,005	26,462	6,298	5,533	332,919	7,393	15,325
Wholesale trade	42	79,414	78,132	0	0	S	0	0	947	305	0
Information	51	388,034	379,500	14	941	471	0	0	7,108	0	0
Software publishers	5112	216,041	214,095	14	941	471	0	0	521	0	0

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Information, excluding software publishers	51 (excluding 5112)	171,992 r	165,406 r	0	0	0	0	0	6,587 r	0	0
Architectural, engineering, and related services	5413	216,146	119,285	6,442	7,838	8,071 r	2,392 r	0	69,509	2,608 r	0
Computer systems design and related services	5415	904,128	862,413	5,945	10,783	1,337 r	149 r	460	13,377	159 r	9,505 r
Scientific research and development services	5417	1,262,048	855,197	81,906	47,443	16,553	3,757	5,073	241,978	4,322	5,819

r = relative standard error > 50%; S = data withheld to avoid disclosing operations of individual companies.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding. Industry classification is based on the dominant establishment payroll. Statistics are representative of companies located in the United States that performed or funded R&D.

Source(s):

National Center for Science and Engineering Statistics and U.S. Census Bureau, Annual Business Survey, 2017.