

TABLE 11

Total R&D cost for companies with 1–9 employees, by state and company size: 2017

(Thousands of U.S. dollars)

State	All companies		1–4 employees		5–9 employees	
	Companies (number)	Amount	Companies (number)	Amount	Companies (number)	Amount
All states	18,395	6,655,717	13,003	3,525,771	5,392	3,129,946
Alabama	136	41,998	92	22,451	44	19,547
Alaska	10	1,762	S	S	S	S
Arizona	284	93,726	205	45,073	79	48,653
Arkansas	83	41,854	44	19,632	39	22,223
California	4,036	1,883,619	2,950	969,084	1,087	914,535
Colorado	551	212,766	351	105,448	200	107,319
Connecticut	247	76,256	157	40,008	90	36,248
Delaware	125	44,481	104	31,336	21	13,145
District of Columbia	47	31,798	23	8,204	24	23,594
Florida	942	289,938	684	216,993	259	72,944
Georgia	430	119,150	328	81,911	102	37,238
Hawaii	43	7,096	35	3,870	S	S
Idaho	45	8,927	27	4,494	18	4,433
Illinois	542	154,752	377	73,105	165	81,648
Indiana	200	40,120	131	18,893	69	21,227
Iowa	146	28,418	130	23,388	16	5,029
Kansas	113	30,652	79	19,543	34	11,109
Kentucky	136	24,491	81	11,900	55	12,591
Louisiana	90	30,128	58	16,438	32	13,690
Maine	57	20,348	26	10,555	31	9,793
Maryland	503	203,806	347	98,805	155	105,001
Massachusetts	859	383,529	561	168,926	298	214,603
Michigan	308	80,825	220	47,198	89	33,627
Minnesota	330	110,546	233	61,981	96	48,564
Mississippi	38	4,856	30	2,744	S	S
Missouri	175	56,914	113	40,134	62	16,780
Montana	82	17,957	62	13,106	20	4,851
Nebraska	60	8,451	37	4,383	23	4,068
Nevada	131	40,025	110	29,193	21	10,832
New Hampshire	122	36,500	64	13,552	58	22,948
New Jersey	879	257,043	650	164,268	229	92,775
New Mexico	123	37,502	70	11,538	52	25,964
New York	1,131	409,416	807	240,033	324	169,382
North Carolina	501	193,409	343	76,419	157	116,990
North Dakota	34	10,060	24	8,497	10	1,563
Ohio	511	149,355	352	113,361	159	35,994
Oklahoma	85	14,671	45	5,903	39	8,768
Oregon	325	198,541	178	44,516	147	154,025
Pennsylvania	583	242,738	432	102,264	151	140,475
Rhode Island	53	23,157	30	3,863	22	19,294
South Carolina	129	58,175	84	23,866	45	34,308
South Dakota	25	5,057	15	1,483	10	3,574
Tennessee	141	49,173	95	30,169	46	19,004
Texas	1,157	329,140	876	212,492	281	116,648
Utah	223	79,606	146	35,488	77	44,117
Vermont	32	7,375	29	6,846	S	S
Virginia	692	161,665	541	88,908	151	72,757
Washington	576	216,907	367	91,551	208	125,356
West Virginia	10	1,355	S	S	S	S

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Wisconsin	269	62,366	217	47,261	51	15,105
Wyoming	31	12,602	27	11,969	S	S
Undistributed	16	r 10,717	S	S	14	r 9,725

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

Note(s):

Detail may not add to total because of rounding. 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.