

TABLE 50

**R&D paid for by the company and others and performed by the company outside of the United States, by selected location: 2018**

(Millions of U.S. dollars)

Location	Total	Paid for by the company	Paid for by others
Total	100,376	90,429	9,947
Puerto Rico <sup>a</sup>	493	476	17
Canada	6,140	5,559	581
Latin America and Other Western Hemisphere	6,436	6,009	427
Argentina	298	180	118
Brazil	1,529	1,402	128
Chile	129	102	27
Mexico	1,532	1,448	84
Other Latin American and Western Hemisphere locations	2,948	2,877	71
Africa	328	223	105
South Africa	236	138	99
Other African locations	92	85	6
Asia and Pacific	33,045	30,826	2,218
Australia	1,953	1,786	168
China	7,867	7,392	475
Hong Kong	347	321	26
India	9,521	9,235	286
Indonesia	28	27	2
Japan	3,986	3,326	660
Malaysia	879	867	12
New Zealand	154	123	31
Singapore	3,889	3,625	264
South Korea	1,381	1,244	137
Taiwan	1,772	1,655	117
Thailand	362	342	19
Other Asian/Pacific locations	905	884	21
Europe	47,805	41,389	6,416
Austria	746	686	60
Belgium	2,549	2,335	214
Czechia	547	474	73
Denmark	641	607	34
Finland	578	535	43
France	3,332	2,783	549
Germany	8,391	7,820	572
Hungary	238	165	73
Ireland	4,043	3,898	146
Italy	1,670	1,385	285
Luxembourg	259	252	8
Netherlands	2,289	1,896	393
Norway	391	380	11
Poland	854	672	182
Russia	450	321	128
Spain	1,168	888	281
Sweden	1,311	1,219	92
Switzerland	4,434	3,888	546
Turkey	109	82	26
United Kingdom	11,278	8,931	2,347
Other European locations	2,527	2,175	352
Middle East	5,353	5,245	107
Israel	5,099	5,004	95

TABLE 50

**R&D paid for by the company and others and performed by the company outside of the United States, by selected location: 2018**

(Millions of U.S. dollars)

Location	Total		Paid for by the company		Paid for by others	
Other Middle Eastern locations	253		241		12	
Undistributed	777	i	702	i	75	i

i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

<sup>a</sup> Puerto Rico is not included in the U.S. total due to its classification as a U.S. territory

**Note(s):**

Detail may not add to total because of rounding. Country detail was not collected from companies reporting less than \$1 million of R&D paid for by the company or reporting less than \$1 million of R&D paid for by others. Beginning in survey year 2018, statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D. This change has affected the comparability of these estimates with estimates published for years prior to 2018.

**Source(s):**

National Center for Science and Engineering Statistics and U.S. Census Bureau, Business Research and Development Survey, 2018.