

TABLE 52

R&D paid for by the company and others and performed by the company outside of the United States, by selected location: 2019

(Millions of U.S. dollars)

Location	Total	Paid for by the company	Paid for by others
Total	104,464	93,944	10,519 i
Puerto Rico ^a	539 i	519 i	20
Canada	6,862	6,193	669
Latin America and Other Western Hemisphere	5,407 i	4,944	463 i
Argentina	402	287	115 i
Brazil	1,493	1,347	146 i
Chile	117	95	23 i
Mexico	1,022	937	85 i
Other Latin American and Western Hemisphere locations	2,373 i	2,278 i	95
Africa	372	280	92 i
South Africa	229 i	142	87 i
Other African locations	143	138	5 i
Asia and Pacific	32,458	30,227	2,231 i
Australia	2,032	1,873	159 i
China	8,195	7,666	528
Hong Kong	396	375	21 i
India	9,846	9,484	362 i
Indonesia	24	23	1 i
Japan	4,090	3,461	629 i
Malaysia	838	827	11 i
New Zealand	274	239	35
Singapore	2,376	2,187	189 i
South Korea	1,451	1,308	143 i
Taiwan	1,775	1,677	98
Thailand	380	355	25 i
Other Asian or Pacific locations	780	751	29 i
Europe	48,764	43,111	5,652 i
Austria	651 i	595 i	56 i
Belgium	2,324	2,150	174 i
Czechia	527	464	62 i
Denmark	593	551	42 i
Finland	600	564	35
France	3,313	2,831	481
Germany	8,879	8,399	480 i
Hungary	246	163	84 i
Ireland	4,207	4,071	135
Italy	1,611	1,382	229
Luxembourg	274	269	5
Netherlands	2,108	1,832	276 i
Norway	363	354	9
Poland	958	800	159 i
Russia	492	364	128 i
Spain	1,033	843	190 i
Sweden	1,247	1,185	62 i
Switzerland	4,536	4,025	512
Turkey	159	136	23 i
United Kingdom	11,797	9,545	2,252 i
Other European locations	2,847	2,588	259 i
Middle East	6,342	6,231	112 i
Israel	5,974	5,870	104 i

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Location	Total	Paid for by the company	Paid for by others
Other Middle Eastern locations	369 i	361 i	8 i
Undistributed	3,720 i	2,441 i	1,279 i

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

^a 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 Census Bureau, Business Enterprise Research and Development Survey, 2019.