

TABLE 44

R&D paid for by the company and others and performed by the company outside of the United States, by selected location: 2021

(Millions of U.S. dollars)

Location	Total		Paid for by the company		Paid for by others	
Total	135,412		120,270		15,142	i
Puerto Rico ^a	743	i	698	i	44	
Canada	9,283		8,354		929	
Latin America and other Western Hemisphere ^b	5,376		4,794		581	i
Argentina	456	i	270		186	i
Brazil	1,387		1,226		161	i
Chile	233		205		28	i
Mexico	1,505		1,363		142	i
Other Latin American and Western Hemisphere locations	1,795	i	1,731		64	i
Africa	605		457		148	i
South Africa	345	i	206		139	i
Other African locations	260		251		9	i
Asia and Pacific	45,196		41,804		3,392	i
Australia	2,566		2,342		224	i
China	11,639		10,775		864	
Hong Kong	643		620		23	i
India	14,314		13,814		501	i
Indonesia	41		37		4	i
Japan	5,241		4,316		925	i
Malaysia	1,094		1,070		24	i
New Zealand	356		232		124	i
Singapore	3,237		2,944		293	i
South Korea	1,998		1,781		218	i
Taiwan	2,662		2,528		134	
Thailand	470		446		24	i
Other Asian or Pacific locations	934		898		36	i
Europe	64,996		55,148		9,848	i
Austria	563		481		82	i
Belgium	3,033		2,774		259	i
Czechia	654		582		72	i
Denmark	951		912		39	i
Finland	646		599		47	
France	4,165		3,282		883	i
Germany	10,450		9,531		919	i
Hungary	366		242		124	i
Ireland	5,704		5,484		221	i
Italy	1,927		1,646		281	i
Luxembourg	506	i	428		78	i
Netherlands	4,086		3,028		1,058	i
Norway	434		413		21	
Poland	1,232		1,040		192	i
Russia	669		523		147	i
Spain	2,179	i	1,395		784	i
Sweden	1,730		1,549		181	i
Switzerland	5,700		4,907		794	
Turkey	314		283		31	i
United Kingdom	16,229		13,002		3,227	i
Other European locations	3,458		3,047		410	i
Middle East	8,757		8,606		152	i
Israel	8,232		8,123		109	i
Other Middle Eastern locations	525		483		42	i

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(Millions of U.S. dollars)

Location	Total		Paid for by the company		Paid for by others	
Undistributed ^c	457	i	409	i	48	

i = more than 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.

^b Other Western Hemisphere is defined as Argentina, Brazil, Chile, Mexico, and other Latin America.

^c Includes data reported that were not allocated to a specific country.

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. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D and are not comparable 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, 2021.