

Table 43. R&D paid for by the company and others and performed by the company outside of the United States, by selected location: 2023

(Millions of U.S. dollars)

Location	Total		Paid for by the company		Paid for by others	
Total	151,801		137,392		14,409	i
Puerto Rico ^a	235		215		19	
Canada	12,080		11,158		922	
Latin America and other Western Hemisphere ^b	6,037		5,311		727	i
Argentina	604		407		197	i
Brazil	1,777		1,581		195	i
Chile	273		241		32	i
Mexico	1,892		1,659		233	i
Other Latin American and Western Hemisphere locations	1,493	i	1,422		70	i
Africa	517		337		180	i
South Africa	324	i	162		163	i
Other African locations	193		175		17	i
Asia and Pacific	53,532		49,720		3,811	i
Australia	2,287		2,042		246	i
China	13,098		12,051		1,047	
Hong Kong	368		346		22	i
India	20,716		19,991		725	i
Indonesia	72		70		2	i
Japan	4,727		3,824		903	i
Malaysia	1,033		1,015		18	i
New Zealand	393		355		38	i
Singapore	4,201		3,864		338	i
South Korea	1,780		1,580		200	i
Taiwan	3,298		3,193		105	i
Thailand	362		335		27	i
Other Asian or Pacific locations	1,194		1,053		140	i
Europe	69,314		60,750		8,563	i
Austria	770		669		101	i
Belgium	3,374		3,104		270	i
Czechia	1,089		953		136	i
Denmark	1,006		921		85	
Finland	762		694		69	i
France	4,650		3,880		769	
Germany	10,240		9,390		851	
Hungary	490		340		150	i
Ireland	5,170		4,967		203	i
Italy	2,156		1,796		360	i
Luxembourg	316	i	D		D	
Netherlands	4,247		3,881		367	
Norway	411		382		29	
Poland	1,732		1,513		219	i
Russia	303	i	179		124	i
Spain	2,125		1,792		333	i
Sweden	1,412		1,305		107	i
Switzerland	6,802		6,133		668	
Turkey	245		D		D	
United Kingdom	16,933		13,908		3,025	i
Other European locations	5,080		4,492		587	i
Middle East	9,714		9,543		171	i
Israel	9,210		9,051		158	i
Other Middle Eastern locations	504		491		13	i

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Location	Total		Paid for by the company		Paid for by others	
Undistributed ^c	373	i	357	i	15	i

D = data withheld to avoid disclosing operations of individual companies; 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 Undistributed 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.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2023.