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Gross domestic expenditure on research and development

As a percentage of GDP and by source of funds

Dépenses intérieures brutes de recherche et développement

En pourcentage du PIB et répartition par source de financement

Country or area Pays ou zone	Year Année	Expenditure on R&D as a % of GDP Dépenses en R&D en % du PIB	Source of funds (%) / Source de financement (%)					
			Business enterprises Entreprises	Government Etat	Higher education Enseignement supérieur	Private non-profit Institut. privées sans but lucratif	Funds from abroad Fonds de l'étranger	Not specified Non précisé
Albania	2007	*0.1	*1.6	*79.7	*6.8	0.0	*12.0	0.0
Albanie	2008	*0.2	*3.3	*80.8	*8.6	0.0	*7.4	0.0
Algeria *	2003	0.2	...	...	...	...	...	...
Algérie *	2004	0.2	...	...	...	...	...	...
	2005	0.1	...	...	...	...	...	...
Argentina	2010	0.5	22.3	72.7	3.4	1.1	0.6	0.0
Argentine	2011	0.5	23.9	71.6	2.9	1.1	0.5	0.0
	2012	0.6	21.3	74.0	3.1	1.0	0.6	0.0
Armenia	2011	*0.3	...	*59.4	0.0	...	*3.4	*37.2
Arménie	*2012	0.3	...	...	...	...	...	...
	*2013	0.2	...	66.3	...	...	2.8	30.9
Australia	2008	2.4	61.9	34.6	0.1	1.8	1.6	...
Australie	*2010	2.4	...	...	...	...	...	...
	*2011	2.3	...	...	...	...	...	...
Austria *	2012	2.8	44.0	39.4 ¹	...	0.5	16.2	...
Autriche *	2013	2.8	44.1	39.1 ¹	...	0.5	16.4	...
	2014	2.8	44.5	38.7 ¹	...	0.5	16.4	...
Azerbaijan	2011	0.2	9.5	89.7	0.1	0.7	0.0	0.0
Azerbaïdjan	2012	0.2	9.6	88.6	0.2	1.5	0.1	0.0
	2013	0.2	#30.5	#68.2	#0.8	0.3	0.2	0.0
Bahrain * ²	2011	0.0	...	...	...	...	...	...
Bahreïn * ²	2012	0.0	...	...	...	...	...	...
	2013	0.0	0.0	68.4	0.0	1.2	30.4	0.0
Belarus	2011	0.7	45.8	45.5	0.0	0.0	8.7	0.0
Bélarus	2012	0.7	46.6	43.9	...	...	9.5	0.0
	2013	0.7	43.8	48.3	...	...	8.0	0.0
Belgium	2011	2.2	60.2	23.4	2.9	0.6	13.0	...
Belgique	*2012	2.2	...	...	...	...	...	...
	*2013	2.3	...	...	...	...	...	...
Bermuda ³	2011 ⁴	0.3	...	...	...	...	...	...
Bermudes ³	2012 ⁵	0.2	...	...	...	...	...	...
	2013 ⁴	0.2	...	...	...	...	...	...
Bolivia (Plur. State of)	2001	0.3	18.0	21.0	33.0	17.0	11.0	0.0
Bolivie (État plur. de)	2002	0.3	16.0	20.0	31.0	19.0	14.0	0.0
	#2009	0.2	5.2	51.2	26.6	2.1	1.9	13.2
Bosnia and Herzegovina	*2009	0.0	...	...	...	...	...	...
Bosnie-Herzégovine	2012	#0.3	1.2	24.8	0.0	0.0	48.7	25.3
	2013	0.3	1.8	25.4	0.0	0.0	53.9	18.9
Botswana	2005	0.5	...	...	...	...	...	...
Botswana	#2012	0.3	5.8	73.9	12.6	0.7	6.8	0.2
Brazil	2010	1.2	47.0	51.1	1.9	...	...	0.0
Brésil	2011	1.1	45.2	52.9	1.9	...	...	0.0
	2012	1.2	43.1	54.9	2.0	...	...	0.0
Brunei Darussalam	2002	*0.0	8.8	91.2	0.0	0.0	0.0	0.0
Brunéi Darussalam	2003	*0.0	6.7	86.8	0.0	0.0	6.6	0.0
	2004	* #0.0	#1.6	#91.0	#7.4	0.0	0.0	0.0
Bulgaria	2011	0.6	16.9	38.8	0.2	0.2	43.9	0.0
Bulgarie	2012	0.6	20.8	31.5	0.2	1.3	46.3	0.0
	2013	0.7	19.5	31.6	0.1	0.5	48.3	0.0
Burkina Faso	#2007	*0.1	...	72.3	...	...	24.5	3.2
Burkina Faso	2008	0.2	16.5	#10.3	21.9	1.2	#43.5	6.6
	2009	0.2	11.9	9.1	12.2	1.3	59.6	5.9
Burundi *	2009	0.1	...	...	...	...	...	...
Burundi *	2010	0.1	...	...	...	...	...	...
	2011	0.1

Gross domestic expenditure on research and development (*continued*)

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Dépenses intérieures brutes de recherche et développement (*suite*)

En pourcentage du PIB et répartition par source de financement

Country or area Pays ou zone	Year Année	Expenditure on R&D as a % of GDP Dépenses en R&D en % du PIB	Source of funds (%) / Source de financement (%)						
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Cabo Verde									
Cabo Verde	2011	*0.1 ²	...	*100.0 ²	0.0
Cambodia *									
Cambodge *	2002	0.1	...	17.9	...	43.0	28.4	10.6	
Canada									
Canada	2011	1.8	48.4	*34.4	*7.5	3.7	6.0	...	
	2012	1.7	47.4	*34.3	*8.6	3.8	5.9	...	
	*2013	1.6	46.5	34.9	8.9	3.9	6.0	...	
Chile									
Chili	2010	0.3	25.4	40.4	12.7	1.7	19.8	...	
	2011	0.4	33.9	33.7	9.6	1.6	21.3	...	
	2012	0.4	35.0	36.0	9.4	2.1	17.5	...	
China ⁶									
Chine ⁶	2011	1.8	73.9 ⁷	21.7 ⁷	...	...	1.3 ⁷	...	
	2012	1.9	74.0 ⁷	21.6 ⁷	...	...	1.0 ⁷	...	
	2013	2.0	74.6 ⁷	21.1 ⁷	...	...	0.9 ⁷	...	
China, Hong Kong SAR									
Chine, Hong Kong RAS	2010	0.8	47.7 ⁸	47.3	0.1	...	4.9	0.0	
	2011	0.7	...	...	...	...	...	...
	2012	0.7	49.7 ⁸	45.6	0.0	...	4.7	...	
China, Macao SAR									
Chine, Macao RAS	*2011	0.0	...	...	...	...	...	...
	*2012	0.1	...	...	...	...	...	...
	2013	*0.1	...	90.6	8.1	1.3	0.0	0.0	
Colombia									
Colombie	2011	0.2	29.8	46.0	16.3	5.6	2.3	0.0	
	2012	0.2	34.2	42.0	16.4	5.0	2.4	0.0	
	2013	0.2	29.0	45.8	14.8	8.0	2.4	0.0	
Costa Rica									
Costa Rica	2009	0.5	28.7	53.0	...	2.8	1.7	13.7	
	2010	0.5	20.7	62.6	...	0.4	11.8	4.6	
	2011	0.5	18.9	62.0	...	0.7	6.5	11.9	
Croatia									
Croatie	2011	0.8	38.2	48.2	1.7	0.3	11.7	0.0	
	2012	0.8	38.2	45.5	1.7	0.3	14.4	0.0	
	2013	0.8	42.8	39.7	1.7	0.3	15.5	0.0	
Cuba									
Cuba	2011	#0.3	15.0	80.0	...	...	5.0	0.0	
	2012	#0.4	15.0	80.0	...	...	5.0	...	
	2013	0.5	20.0	70.0	...	...	10.0	0.0	
Cyprus									
Chypre	2011	0.5	11.0	70.6	3.9	0.5	14.1	0.0	
	2012	0.4	10.9	66.4	4.6	0.7	17.5	0.0	
	*2013	0.5	...	...	...	...	...	...
Czech Republic									
République tchèque	2011	1.6	37.7	41.7	0.9	0.0	19.7	...	
	2012	1.8	36.4	36.8	0.9	0.0	25.9	...	
	2013	1.9	37.6	34.7	0.5	0.1	27.2	...	
Dem. Rep. of the Congo									
Rép. dém. du Congo	2007	0.1 ^{9,10}	...	100.0	...	...	...	...
	2008	0.1 ^{9,10}	...	100.0	...	...	...	...
	2009	0.1 ^{9,10}	...	100.0	...	...	...	...
Denmark									
Danemark	2011	3.0	61.2	28.2	...	3.6	7.1	...	
	2012	3.0	*60.0	*29.1	...	*3.8	*7.2	...	
	*2013	3.1	59.8	29.3	...	3.8	7.2	...	
Ecuador									
Équateur	#2009	0.4	0.2 ¹¹	41.2 ¹¹	7.5 ¹¹	0.5 ¹¹	9.8 ¹¹	40.8 ¹²	
	2010	0.4	1.0 ¹¹	40.2 ¹¹	9.6 ¹¹	0.5 ¹¹	5.3 ¹¹	43.4 ¹²	
	2011	0.3	0.4 ¹¹	28.5 ¹¹	8.1 ¹¹	0.5 ¹¹	4.5 ¹¹	58.1 ¹²	
Egypt ^{11,13}									
Égypte ^{11,13}	2011	0.5	...	...	...	...	...	...
	2012	0.5	...	...	...	...	...	...
	2013	0.7	...	...	...	...	...	...
El Salvador									
El Salvador	2010	0.1	0.6	70.1	20.8	0.0	8.3	0.1	
	2011	0.0	1.4	24.9	54.2	0.2	19.3	0.1	
	2012	0.0	2.8	11.7	74.3	2.6	9.2	0.0	
Estonia									
Estonie	2011	2.3	55.0	32.8	0.3	0.1	11.9	0.0	
	2012	2.2	51.3	38.3	0.3	0.1	10.0	0.0	
	2013	1.7	42.1	47.2	0.3	0.1	10.3	0.0	

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Country or area Pays ou zone	Year Année	Expenditure on R&D as a % of GDP Dépenses en R&D en % du PIB	Source of funds (%) / Source de financement (%)					
			Business entreprises Entreprises	Government Etat	Higher education Enseigne- ment supérieur ¹⁴	Private non-profit Institut. privées sans but lucratif	Funds from abroad Fonds de l'étranger	Not specified Non précisé
Ethiopia	2007	*0.2	...	71.7	0.0 ¹⁴	0.7	27.0	0.5
Éthiopie	2010	#0.2	10.8	56.0	1.1	0.0	30.0	2.2
	2013	0.6	0.8	79.1	1.8	0.2	2.2	16.0
Faroe Islands								
Îles Féroé	2003	...	20.4	...	...	0.3	18.7	60.6 ^{3,15,16}
Finland	2011	3.6	67.0	#25.0	0.2	1.3	6.5	...
Finlande	2012	3.4	63.1	26.7	0.2	1.3	8.8	...
	2013	3.3	60.8	26.0	0.2	1.4	11.5	...
France	2011	2.2	55.0	35.2	1.3	0.8	7.8	...
France	2012	2.2	55.4	35.0	1.2	0.8	7.6	...
	*2013	2.2	...	...	...	...	...	...
Gabon	2007	0.4	...	95.6	0.4	...	4.0	0.0
Gabon	2008	0.5	19.7	76.5	0.5	...	3.3	0.0
	2009	0.6	29.3	58.1	9.6	...	3.1	0.0
Gambia	*2008	0.0	...	...	...	...	...	...
Gambie	*2009	0.0	...	...	...	...	...	...
	2011	0.1 ³	...	38.5 ³	...	45.6 ³	15.9 ³	0.0
Georgia	2005	0.2	...	...	...	...	...	...
Géorgie	#2013 ¹⁷	0.1	...	...	...	...	...	...
	2014 ¹⁷	0.2	...	...	...	...	...	...
Germany	2011	2.8	65.6	29.8	...	0.4	4.2	...
Allemagne	2012	2.9	66.1	29.2	...	0.4	4.3	...
	*2013	2.9	...	...	...	...	...	...
Ghana	2007	0.2	50.9	36.6	0.7	0.0	12.0	0.0
Ghana	2010	#0.4	#0.1	#68.3	0.3	0.1	31.2	0.0
Greece	2011	0.7	32.7	49.2	2.3	1.0	14.8	...
Grèce	2012	0.7	31.0	50.4	2.0	0.9	15.8	...
	2013	0.8	30.3	52.3	2.6	0.9	14.0	...
Guam								
Guam	2001	...	...	100.0	...	...	...	...
Guatemala	2010	*0.0	...	*18.3	*30.9	...	*50.8	0.0
Guatemala	2011	*0.1	...	*19.9	*27.7	...	*52.4	0.0
	2012	*0.0	...	*23.5	*27.5	...	*49.0	0.0
Honduras	2002	0.0	...	...	...	...	...	...
Honduras	2003	0.0	...	...	...	...	...	...
	2004	0.0	...	...	...	...	...	...
Hungary	2011	1.2	47.5	38.1	...	1.0	13.5	...
Hongrie	2012	1.3	46.9	36.9	...	0.9	15.4	...
	2013	1.4	46.8	35.9	...	0.8	16.6	...
Iceland	2008	2.5	50.4	38.8	0.0	0.8	10.0	...
Islande	2009	2.7	47.8	40.2	0.0	0.6	11.4	...
	#2011	2.5	49.9	40.0	1.4	0.6	8.2	...
India	2009	0.8	...	...	...	...	...	...
Inde	*2010	0.8	...	...	...	...	...	...
	*2011	0.8	...	...	...	...	...	...
Indonesia	2001	*0.1	*14.7 ⁸	84.5	0.2	0.0 ¹⁸	...	0.7
Indonésie	* #2009	0.1	...	...	...	...	...	...
	*2013	0.1	...	...	...	...	...	...
Iran (Islamic Rep. of)	2008	0.8	30.9	61.6	7.5	...	...	0.0
Iran (Rép. islamique d')	#2009 ^{13,19}	0.3	...	...	...	...	...	...
	2010 ^{13,19}	0.3	...	...	...	...	...	...
Iraq	2009	0.1 ^{11,13,17}	...	100.0 ¹⁵	...	...	...	0.0
Iraq	2010	0.0 ^{11,13,17}	...	100.0 ¹⁵	...	...	...	0.0
	2011	0.0 ^{11,13,17}	0.0	100.0 ¹⁵	...	0.0	0.0	0.0

Gross domestic expenditure on research and development (*continued*)

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Dépenses intérieures brutes de recherche et développement (*suite*)

En pourcentage du PIB et répartition par source de financement

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			Business entreprises Entreprises	Government Etat	Higher education Enseigne- ment supérieur	Private non-profit Institut. privées sans but lucratif	Funds from abroad Fonds de l'étranger	Not specified Non précisé
Ireland *	2010	1.6	52.2	29.4	0.9	0.5	17.0	...
Irlande *	2011	1.5	49.7	28.3	0.8	0.5	20.8	...
	2012	1.6	50.3	27.3	0.6	0.4	21.4	...
Israel ²⁰	2011	4.1	39.3	11.4	2.2	1.8	45.5	...
Israël ²⁰	2012	4.3	35.6	12.1	1.8	1.7	48.8	...
	2013	4.2	...	...	...	...	...	...
Italy	2011	1.2	45.1	41.9	0.9	3.1	9.1	...
Italie	2012	1.3	44.3	42.6	0.9	2.8	9.5	...
	*2013	1.3	...	...	...	...	...	...
Jamaica	2001	0.1	...	...	...	...	...	...
Jamaïque	2002	0.1	...	...	...	...	...	...
Japan	2011	3.4	76.5	*16.4	*5.8	0.8	0.5	...
Japon	2012	3.3	76.1	*16.8	*5.8	0.8	0.5	...
	2013	3.5	75.5	*17.3	*5.9	0.8	0.5	...
Jordan	2002	0.3	...	...	...	...	...	...
Jordanie	2008	0.4	...	...	...	...	...	...
Kazakhstan	2011	0.2	51.6	24.9	16.4	6.9	0.3	0.0
Kazakhstan	2012	0.2	...	...	...	...	...	...
	2013	0.2	28.9	63.7	...	...	0.8	6.6
Kenya	2007	*0.4	16.8	26.2	26.2	13.2	17.6	0.0
Kenya	2010	#0.8	#4.3	#26.0	#19.0	#3.5	#47.1	0.0
Kuwait	2011 ⁹	*0.1	5.2	94.8	...	0.0	...	...
Koweït	*2012 ⁹	0.1	...	...	...	...	...	...
	2013 ^{11,13}	#0.3	1.4	93.0	0.2	5.5	0.0	0.0
Kyrgyzstan	2009	0.2	...	...	...	...	...	...
Kirghizistan	2010	0.2	...	...	...	...	...	...
	2011	0.2	#38.6	#57.7	#1.4	0.0	#0.9	#1.5
Lao People's Dem. Rep. Rép. dém. pop. lao	2002	*0.0	*36.0	*8.0	*2.0	0.0 ¹⁴	*54.0	0.0
Latvia	2011	0.7	24.9	22.5	1.6	...	51.0	0.0
Lettonie	2012	0.7	23.7	23.9	2.0	...	50.4	0.0
	2013	0.6	21.8	23.9	2.7	...	51.6	0.0
Lesotho *	2004	0.1	...	...	...	...	...	...
Lesotho *	2009	0.0	3.4	15.0	2.8	...	...	78.9
	2011	0.0 ²	...	...	44.7 ¹⁶	...	3.5	51.9
Lithuania	2011	0.9	28.2	42.2	1.0	0.2	28.4	0.0
Lituanie	2012	0.9	26.5	39.7	0.5	0.2	33.2	0.0
	2013	1.0	27.5	34.5	0.1	0.8	37.1	0.0
Luxembourg	2011	1.4	47.8	30.5	0.1	1.2	20.4	...
Luxembourg	#2012	1.2	...	...	...	...	...	...
	*2013	1.2	20.5	...	0.1	1.6	...	...
Madagascar	2009	*0.2	...	89.4 ¹⁵	...	...	10.6	...
Madagascar	#2010	*0.1	...	100.0 ¹⁵	...	...	...	...
	2011	*0.1	...	100.0 ¹⁵	...	...	...	0.0
Malaysia	2010	1.1	59.6	36.4	3.6	0.0	0.4	0.1
Malaisie	2011	1.1	55.0	41.4	3.1	0.0	0.3	0.2
	2012	1.1	60.2	29.7	2.5	0.0	4.6	3.0
Mali	2007	*0.3 ¹⁹	*10.1	*40.9	0.0	0.0	*49.0	0.0
Mali	2010	0.7 ¹¹	...	#91.2	...	...	8.8	0.0
Malta	2011	0.7	51.0	28.5	2.0	0.3	18.1	0.0
Malte	2012	0.9	45.0	32.1	1.3	0.3	21.3	0.0
	2013	*0.9	*44.4	*33.9	*1.3	*0.2	*20.3	0.0
Mauritius	2004 ^{3,17}	0.4	...	100.0
Maurice	2005 ^{3,17}	0.4	...	100.0
	2012	#0.2 ¹¹	0.3 ¹¹	72.4 ¹¹	20.7 ¹¹	0.1 ¹¹	6.4 ¹¹	0.0

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Mexico	2011	0.4	36.8	59.6	2.2	0.7	0.7	...
Mexique	2012	0.4	35.7	60.8	1.9	0.8	0.8	...
	2013	0.5	31.7	65.5	1.5	0.7	0.7	...
Monaco *	2004	0.0	...	97.0	...	...	...	3.0
Monaco *	2005	0.0	...	98.8	...	...	...	1.2
Mongolia	2011	*0.2	*11.4	*65.5	*1.3	0.0	*3.9	*18.0
Mongolie	*2012	0.2	...	...	...	...	...	...
	*2013	0.2	8.3	74.0	1.8	...	4.9	11.0
Montenegro	2007	1.2	...	...	...	...	...	...
Monténégro	2011	#0.4	22.3	44.6	17.9	0.0	15.3	0.0
	#2013	0.4	42.3	31.7	3.5	0.0	22.5	0.0
Morocco	2003	0.7	12.3	40.3	47.4	...	...	0.0
Maroc	2006	0.6	22.7	26.1	48.6	...	2.6	0.0
	2010	0.7	29.9	23.1	45.3	...	1.7	0.0
Mozambique	2006 ⁹	0.5	...	...	...	...	...	...
Mozambique	2008	*0.2 ^{11,21}	...	31.1	...	4.6	64.3	...
	2010	#0.4 ¹¹	...	18.8 ¹⁵	...	3.0	78.1	0.0
Myanmar *	2000	0.1	...	...	...	...	...	...
Myanmar *	2001	0.1	...	...	...	...	...	...
	2002	0.2	...	...	...	...	...	...
Namibia								
Namibie	2010	*0.1 ¹⁹	19.8	78.6	0.0	0.0	1.5	0.0
Nepal * ¹⁷	2008	0.1	...	...	...	...	...	...
Népal * ¹⁷	#2009	0.3	...	...	...	...	...	...
	2010	0.3	...	...	...	...	...	...
Netherlands	#2011	1.9	49.9	35.5	0.3	3.3	10.9	...
Pays-Bas	2012	2.0	48.2	35.0	0.5	4.0	12.3	...
	*2013	2.0	47.1	34.3	0.4	3.9	14.3	...
New Zealand	2007	1.2	40.7	42.2	8.7	3.7	4.8	...
Nouvelle-Zélande	2009	1.3	39.0	44.7	8.3	2.8	5.2	...
	2011	1.3	40.0	41.4	9.5	2.8	6.3	...
Nicaragua								
Nicaragua	2002	0.0	...	...	...	...	...	...
Nigeria								
Nigéria	2007	0.2 ¹¹	0.2	96.4	0.1	1.7	1.0	0.6
Norway	2011	1.6	44.2	46.6	0.4	1.1	7.8	...
Norvège	2012	1.6	...	...	...	...	...	...
	2013	1.7	43.2	45.8	0.5	1.0	9.5	...
Oman	*2011	0.1	4.6	41.6	32.1	...	0.0	21.7
Oman	2012	0.2	29.9	47.8	22.0	0.3	0.0	0.0
	2013	0.2	24.6	48.6	24.4	0.1	0.0	*2.3
Pakistan	2009	0.5 ^{11,13}	...	84.0	12.1	1.7	0.9	1.3
Pakistan	2011	0.3 ^{11,13}	...	83.9	12.3	1.7	0.9	1.3
	2013 ^{11,13}	0.3	...	75.3	20.0	1.7	1.3	1.7
Panama	2009	0.1	3.6	50.0	5.0	16.4	25.0	0.0
Panama	2010	0.2	3.4	53.9	6.0	14.0	22.7	0.0
	2011	0.2	18.9	46.7	5.0	8.7	20.7	0.0
Paraguay	2008	0.1	0.3	76.2	9.2	2.1	12.3	0.0
Paraguay	2011	0.1	4.3	57.8	18.9	2.1	16.9	0.0
	2012	0.1	0.9	82.6	3.7	2.9	7.7	2.3
Peru	2002	0.1	...	...	...	...	...	...
Pérou	2003	0.1	...	...	...	...	...	...
	2004	0.2	...	...	...	...	...	...
Philippines	2003	0.1	69.1	21.9	4.8	0.4	3.8	0.1
Philippines	2005	0.1	62.6	25.6	6.0	0.7	4.8	0.3
	2007	0.1	62.0	26.1	6.4	0.9	4.1	0.6

Gross domestic expenditure on research and development (*continued*)

As a percentage of GDP and by source of funds

Dépenses intérieures brutes de recherche et développement (*suite*)

En pourcentage du PIB et répartition par source de financement

Country or area Pays ou zone	Year Année	Expenditure on R&D as a % of GDP Dépenses en R&D en % du PIB	Source of funds (%) / Source de financement (%)					
			Business entreprises Entreprises	Government Etat	Higher education Enseigne- ment supérieur	Private non-profit Institut. privées sans but lucratif	Funds from abroad Fonds de l'étranger	Not specified Non précisé
Poland	2011	0.8	28.1	55.8	2.4	0.3	13.4	...
Pologne	2012	0.9	32.3	51.3	2.6	0.4	13.4	...
	2013	0.9	37.3	47.2	2.1	0.2	13.1	...
Portugal	2011	1.5	44.7	41.8	5.4	2.1	6.0	...
Portugal	2012	1.4	46.0	43.1	3.6	2.1	5.2	...
	*2013	1.4	...	...	...	...	...	...
Puerto Rico	2009	0.5	...	...	...	...	...	...
Porto Rico	2013	0.4	65.4	24.9	8.9	0.5	0.0	0.3
Qatar								
Qatar	2012	0.5	24.2	31.2	36.6	5.6	2.4	0.1
Republic of Korea	2011	3.7	73.7	24.9	0.7	0.4	0.2	...
République de Corée	2012	4.0	74.7	23.9	0.6	0.5	0.3	...
	2013	4.2	75.7	22.8	0.7	0.5	0.3	...
Republic of Moldova	2011	0.4	...	...	...	...	9.4	90.6
République de Moldova	2012	0.4	...	...	...	...	...	...
	2013	0.4	...	...	...	...	11.8	88.2
Romania	#2011	0.5	37.4	49.1	1.2	0.2	12.1	...
Roumanie	2012	0.5	34.4	50.0	1.0	0.2	14.4	...
	2013	0.4	31.0	52.3	1.2	0.0	15.5	...
Russian Federation	2011	1.1	27.7	67.1	0.8	0.2	4.3	...
Fédération de Russie	2012	1.1	27.2	67.8	0.8	0.1	4.0	...
	2013	1.1	28.2	67.6	1.0	0.1	3.0	...
Saint Vincent-Grenadines	2001	0.0	...	...	...	...	...	...
Saint-Vincent-Grenadines	2002	0.1	...	...	...	...	...	...
Saudi Arabia *	2007 ¹⁷	0.1	...	...	...	...	...	...
Arabie saoudite *	2008	0.1	...	...	...	...	...	...
	2009	0.1	...	...	...	...	...	...
Senegal	2008	0.4	4.0	57.1	0.3	0.3	38.3	0.1
Sénégal	2010	0.5	4.1	47.6	0.0	3.2	40.5	4.5
Serbia	2011	0.7 ²²	9.2	63.5	21.8	0.1	5.5	0.0
Serbie	2012	0.9 ²²	5.8	51.3	33.7	0.1	9.2	0.0
	2013	0.7	7.5	59.5	25.1	0.0	7.8	0.0
Seychelles	2003	0.4	...	...	...	...	...	...
Seychelles	2004	0.4	...	...	...	...	...	...
	2005	0.3	...	...	...	...	...	...
Singapore	2010	2.0	53.1	40.2	1.8	...	4.9	...
Singapour	2011	2.2	55.3	38.1	1.6	...	5.0	...
	2012	2.0	53.4	38.5	2.2	...	5.9	...
Slovakia	2011	0.7	33.9	49.8 ²³	1.9	0.4	14.2	...
Slovaquie	2012	0.8	37.7	41.6 ²³	1.7	0.3	18.7	...
	2013	0.8	40.2	38.9 ²³	2.7	0.2	18.0	...
Slovenia	#2011	2.4	61.2	31.5	0.2	0.0	7.0	...
Slovénie	2012	2.6	62.2	28.7	0.4	0.1	8.6	...
	2013	2.6	63.9	26.9	0.4	0.0	8.9	...
South Africa	2010	0.7	40.1	44.5	0.1	3.2	12.1	...
Afrique du Sud	2011	0.7	39.0	43.1	0.1	2.8	15.0	...
	2012	0.7	38.3	45.4	0.8	2.5	13.1	...
Spain	2011	1.3	44.3	44.5	4.0	0.6	6.7	...
Espagne	2012	1.3	45.6	43.1	3.9	0.6	6.7	...
	2013	1.2	46.3	41.6	4.1	0.6	7.4	...
Sri Lanka	2006	0.2	19.1 ⁸	65.2 ¹⁵	0.0 ²⁴	0.0 ¹⁸	4.8	10.9
Sri Lanka	2008	0.1	19.9 ⁸	71.8 ¹⁵	0.0 ²⁴	0.0 ¹⁸	4.3	4.0
	2010	0.2	#40.9	55.9	0.2	0.0	2.7	0.3
Sudan * ³	2003	0.3	...	...	...	...	...	...
Soudan * ³	2004	0.3	...	...	...	...	...	...
	2005	0.3	...	...	...	...	...	...

Dépenses intérieures brutes de recherche et développement (*suite*)

En pourcentage du PIB et répartition par source de financement

Country or area Pays ou zone	Year Année	Expenditure on R&D as a % of GDP Dépenses en R&D en % du PIB	Source of funds (%) / Source de financement (%)					
			Business entreprises Entreprises	Government Etat	Higher education Enseigne- ment supérieur	Private non-profit Institut. privées sans but lucratif	Funds from abroad Fonds de l'étranger	Not specified Non précisé
Sweden Suède	2011	3.2	57.3	27.7	0.9	3.0	11.1	...
	*2012	3.3	...	...	...	...	...	...
	2013 ²³	3.3	61.0	28.2	1.0	3.1	6.8	...
Switzerland Suisse	2004	2.7	69.7	22.7	1.5	0.8	5.2	...
	2008	2.7	68.2	22.8	2.3	0.7	6.0	...
	2012	3.0	60.8	25.4	1.2	0.6	12.1	...
Tajikistan Tadjikistan	2011	0.1 ^{11,13}	1.7 ^r	82.1 ^r	0.1 ^r	...	...	15.1 ^r
	2012 ^{11,13}	0.1	...	...	...	...	...	...
	2013	0.1 ^{11,13}	...	92.5	0.2	...	0.2	7.1
Thailand Thaïlande	2007	0.2	43.9	36.7	13.5	0.9	1.6	3.5
	2009	0.3	41.4	37.9	17.8	0.3	1.0	1.6
	2011	0.4	51.7	30.5	13.5	0.5	2.5	1.3
TFYR of Macedonia ex-R.Y. de Macédoine	2011	0.2	...	...	...	...	...	...
	2012	0.3	...	...	...	...	...	...
	2013	0.4	...	...	...	...	...	...
Togo Togo	2010	0.3 ¹¹	...	88.3	...	...	11.7	...
	2012	0.2 ¹¹	...	84.9	...	3.1	12.1	...
Trinidad and Tobago Trinité-et-Tobago	2010	0.1	...	...	...	...	...	...
	2011	0.0	...	...	...	...	...	...
	2012	0.1	...	...	...	...	...	...
Tunisia Tunisie	2010	0.7	17.1	78.1 ¹⁵	...	0.0	4.8	0.0
	2011	0.7	17.9	77.5 ¹⁵	...	0.0	4.6	0.0
	2012	0.7	18.7	76.9 ¹⁵	...	0.0	4.4	0.0
Turkey Turquie	2011	0.9	45.8	29.3	20.9	3.4	0.7	...
	2012	0.9	46.8	28.2	21.1	3.4	0.6	...
	2013	0.9	48.9	26.6	20.4	3.3	0.8	...
Uganda Ouganda	2008	0.3	4.3	52.3	0.0	0.1	43.2	0.0
	2009	0.4	8.2	48.1	17.6	0.1	26.1	0.0
	2010	0.5	13.7	21.9	1.0	6.1	57.3	0.0
Ukraine Ukraine	2011	0.7	27.2	46.0	0.2	0.0	25.8	0.8
	2012	0.8	...	...	...	...	...	...
	2013	0.8	29.0	47.7	0.2	0.1	21.6	1.3
United Arab Emirates * Émirats arabes unis *	2011	0.5	...	...	...	...	...	...
United Kingdom Royaume-Uni	2011	1.7	45.9	30.5	1.2	4.8	17.8	...
	*2012	1.6	45.6	28.7	1.2	4.7	19.8	...
	*2013	1.6	46.6	27.0	1.1	4.7	20.7	...
United Rep. of Tanzania Rép.-Unie de Tanzanie	2007	*0.3 ¹¹	...	60.6	0.0	1.1	38.4	...
	2010	*0.4 ¹¹	0.1	57.5	0.3	0.1	42.0	0.0
United States États-Unis	2010	2.7 ⁴	#57.2 ⁴	32.6 ⁴	3.0 ⁴	3.5 ⁴	3.7 ¹⁴	...
	2011	2.8 ⁴	58.6 ⁴	31.2 ⁴	3.0 ⁴	3.4 ⁴	3.8 ¹⁴	...
	2012	*2.8 ⁴	*59.1 ⁴	*30.8 ⁴	*3.0 ⁴	*3.3 ⁴	3.8 ¹⁴	...
United States Virgin Is. * Îles Vierges américaines *	2005	...	...	100.0	...	...	...	...
	2006	...	...	100.0	...	...	...	...
	2007	...	...	100.0	...	...	...	...
Uruguay Uruguay	2010	0.4	47.1	22.9	26.6	0.9	1.7	0.8
	2011	0.4	8.5	30.8	45.2	0.1	6.5	8.9
	2012	0.2	15.0	33.0	43.4	0.9	7.7	0.0
Viet Nam Viet Nam	2002	0.2	18.1	74.1	0.7 ⁸	0.0 ²⁵	6.3	0.8
	2011	0.2	28.4	64.5	3.1	0.0	4.0	0.0
Zambia Zambie	*2004	0.0	...	...	...	...	...	...
	*2005	0.0	...	...	...	...	...	...
	2008	#0.3	#3.2	#94.8	...	#0.3	#1.6	0.0

Source:

United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics, Montreal, the UNESCO Institute of Statistics database, last accessed November 2015.

- 1 Including other classes.
- 2 Higher Education only.
- 3 Overestimated or based on overestimated data.
- 4 Excluding most or all capital expenditures.
- 5 Current costs only.
- 6 For statistical purposes, the data for China do not include those for the Hong Kong Special Administrative Region (Hong Kong SAR), Macao Special Administrative Region (Macao SAR) and Taiwan Province of China.
- 7 The sum of the breakdown does not add to the total.
- 8 Including private non-profit.
- 9 Government only.
- 10 S&T budget instead of R&D expenditure.
- 11 Excluding business enterprise.
- 12 Including business enterprise.
- 13 Excluding private non-profit.
- 14 Included elsewhere.
- 15 Including higher education.
- 16 Including Government.
- 17 R&D budget instead of R&D expenditure or based on R&D budget.
- 18 Included in business enterprise.
- 19 Excluding government.
- 20 Excluding Defence (all or mostly).
- 21 Excluding Higher Education.
- 22 Excluding data from some regions, provinces or states.
- 23 Underestimated or based on underestimated data.
- 24 Included in government.
- 25 Included in Higher education.

Source:

L'Institut de statistique de l'Organisation des Nations Unies pour l'éducation, la science et la culture (UNESCO), Montréal, la base de données de l'Institut de statistique de l'UNESCO, dernier accès novembre 2015.

- 1 Comprend d'autres catégories.
- 2 Enseignement supérieur seulement.
- 3 Surestimé ou fondé sur des données surestimées.
- 4 A l'exclusion des dépenses d'équipement (en totalité ou en grande partie).
- 5 Coût actuel seulement.
- 6 Pour la présentation des statistiques, les données pour la Chine ne comprennent pas la Région Administrative Spéciale de Hong Kong (Hong Kong RAS), la Région Administrative Spéciale de Macao (Macao RAS) et la province de Taiwan.
- 7 La somme de toutes les valeurs diffère du total.
- 8 Y compris les fonds privés à but non lucratif.
- 9 Etat seulement.
- 10 Budget pour la science et technologie au lieu des dépenses de recherche et développement.
- 11 Ne comprend pas les entreprises commerciales.
- 12 Y compris les fonds d'entreprises.
- 13 Non compris les organisations privées à but non lucratif.
- 14 Inclus ailleurs.
- 15 Y compris l'enseignement supérieur.
- 16 Y compris l'état.
- 17 Basé sur le budget de la recherche-développement au lieu des dépenses.
- 18 Compris dans les entreprises commerciales.
- 19 Non compris l'état.
- 20 A l'exclusion de la défense (en totalité ou en grande partie).
- 21 Non compris l'enseignement supérieur.
- 22 Non compris les données de certaines régions, provinces ou états.
- 23 Sous-estimé ou basé sur des données sous-estimées.
- 24 Compris dans gouvernement.
- 25 Compris dans Enseignement supérieur.