

Scientific and technical journal articles (WB)

April 25, 2014

Note : ratio = (Scientific and technical journal articles/GDPPPP)*1000. Source : WB WDI

Count	
2009	3
2011	176

Table 1: Summary table of the year

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
1	DNK	Denmark	2011	6071.30	207.64	29239.97
2	CHE	Switzerland	2011	10018.60	353.57	28335.71
3	NZL	New Zealand	2011	3471.80	126.45	27454.83
4	ISR	Israel	2011	6096.00	236.99	25722.39
5	FIN	Finland	2011	4877.60	194.41	25088.99
6	SWE	Sweden	2011	9472.90	381.49	24831.64
7	AUS	Australia	2011	20602.60	920.75	22375.86
8	CAN	Canada	2009	29016.90	1311.06	22132.40
9	NLD	Netherlands	2011	15508.30	700.72	22131.86
10	SVN	Slovenia	2011	1239.30	58.30	21257.65

Table 2: Top 10 countries

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
169	MDV	Maldives	2011	0.30	2.90	103.41
170	DOM	Dominican Rep.	2011	9.10	93.38	97.45
171	TCD	Chad	2011	1.70	19.32	87.97
172	AGO	Angola	2011	6.00	116.25	51.61
173	GNQ	Equatorial Guinea	2011	0.70	18.57	37.70
174	TKM	Turkmenistan	2011	0.50	43.34	11.54
175	KIR	Kiribati	2011	0.00	0.60	0.00
176	KSV	Kosovo	2011	0.00	12.86	0.00
177	TUV	Tuvalu	2011	0.00	0.04	0.00
178	VCT	ST. VINCENT & GRENADINES	2011	0.00	1.26	0.00
179	WSM	Samoa	2011	0.00	1.09	0.00

Table 3: Bottom 10 countries

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
1	DNK	Denmark	2011	6071.30	207.64	29239.97
2	CHE	Switzerland	2011	10018.60	353.57	28335.71
3	NZL	New Zealand	2011	3471.80	126.45	27454.83
4	ISR	Israel	2011	6096.00	236.99	25722.39
5	FIN	Finland	2011	4877.60	194.41	25088.99
6	SWE	Sweden	2011	9472.90	381.49	24831.64
7	AUS	Australia	2011	20602.60	920.75	22375.86
8	CAN	Canada	2009	29016.90	1311.06	22132.40
9	NLD	Netherlands	2011	15508.30	700.72	22131.86
10	SVN	Slovenia	2011	1239.30	58.30	21257.65
11	ISL	Iceland	2011	258.30	12.40	20827.29
12	GBR	United Kingdom	2011	46035.40	2291.43	20090.25
13	EST	Estonia	2011	514.20	27.68	18573.91
14	PRT	Portugal	2011	4621.10	250.11	18475.97
15	BEL	Belgium	2011	7483.90	413.75	18088.15
16	NOR	Norway	2011	4777.10	264.36	18070.78
17	IRL	Ireland	2011	3186.40	187.09	17031.38
18	KOR	Korea	2011	25592.70	1554.12	16467.65
19	HRV	Croatia	2011	1288.60	78.58	16399.62
20	ESP	Spain	2011	22910.30	1405.79	16297.10
21	SRB	Serbia & Montenegro	2011	1269.10	78.72	16121.70
22	GRC	Greece	2011	4534.10	290.56	15604.75
23	USA	United States	2009	208600.80	13973.65	14928.15
24	DEU	Germany	2011	46258.80	3113.93	14855.44
25	AUT	Austria	2011	5102.50	349.94	14581.07
26	CZE	Czech Republic	2011	4126.50	285.48	14454.86
27	ITA	Italy	2011	26503.40	1844.39	14369.74
28	SGP	Singapore	2011	4542.80	316.59	14349.11
29	FRA	France	2011	31685.50	2213.78	14312.85
30	HUN	Hungary	2011	2289.30	195.43	11713.99
31	JPN	Japan	2011	47105.70	4457.56	10567.60
32	ARM	Armenia	2011	184.60	18.01	10249.86
33	TUN	Tunisia	2011	1015.50	99.90	10165.27
34	POL	Poland	2011	7564.20	771.09	9809.78
35	GRD	Grenada	2011	13.30	1.43	9307.21
36	JOR	Jordan	2011	341.80	36.94	9253.09
37	ZWE	Zimbabwe	2011	62.90	6.82	9225.58
38	CYP	Cyprus	2011	211.40	23.77	8892.07
39	SVK	Slovakia	2011	1098.80	127.00	8651.90
40	IRN	Islamic Republic of Iran	2011	8175.50	1000.40	8172.23
41	CHN	China	2011	89894.40	11305.77	7951.20
42	TUR	Turkey	2011	8328.40	1075.47	7743.96
43	LTU	Lithuania	2011	457.40	61.64	7420.39
44	CHL	Chile	2011	1979.20	298.57	6628.98
45	BGR	Bulgaria	2011	650.30	101.21	6425.51

Table 4: Countries sorted by ratio

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
46	MDA	Republic of Moldova	2011	76.20	12.04	6328.38
47	ROM	Romania	2011	1625.90	267.73	6072.93
48	RUS	Russia	2011	14150.90	2387.93	5926.01
49	LVA	Latvia	2011	203.50	34.68	5867.60
50	BRA	Brazil	2011	13148.10	2294.18	5731.07
51	URY	Uruguay	2011	290.40	50.91	5704.52
52	ZAF	South Africa	2011	3124.60	557.94	5600.28
53	FJI	Fiji	2011	22.60	4.14	5458.94
54	ARG	Argentina	2011	3862.80	716.45	5391.58
55	UKR	Ukraine	2011	1726.90	328.78	5252.40
56	IND	India	2011	22480.50	4425.64	5079.60
57	LUX	Luxembourg	2011	204.10	41.44	4925.55
58	EGY	Egypt	2011	2514.90	518.97	4845.96
59	GEO	Georgia	2011	117.60	24.59	4782.24
60	MYS	Malaysia	2011	2092.20	463.69	4512.08
61	MLT	Malta	2011	45.80	10.97	4173.88
62	MWI	Malawi	2011	56.70	13.76	4122.14
63	LBN	Lebanon	2011	250.70	61.15	4099.49
64	KEN	Kenya	2011	289.50	71.21	4065.61
65	VUT	Vanuatu	2011	4.70	1.18	3989.81
66	MNE	Montenegro	2011	27.80	7.21	3856.83
67	THA	Thailand	2011	2304.00	601.68	3829.27
68	BEN	Benin	2011	51.20	14.74	3472.36
69	CMR	Cameroon	2011	159.20	47.62	3342.85
70	UGA	Uganda	2011	158.20	48.31	3274.55
71	SEN	Senegal	2011	79.30	25.21	3144.95
72	MEX	Mexico	2009	4127.70	1467.72	2812.32
73	SLB	Solomon Islands	2011	4.90	1.76	2782.51
74	ZMB	Zambia	2011	59.60	21.94	2716.87
75	PAK	Pakistan	2011	1267.90	488.37	2596.18
76	SYC	Seychelles	2011	5.70	2.21	2573.36
77	BLR	Belarus	2011	341.60	142.03	2405.04
78	BFA	Burkina Faso	2011	52.50	22.10	2375.89
79	MAR	Morocco	2011	385.80	163.34	2361.97
80	BRB	Barbados	2011	16.30	6.93	2352.43
81	GNB	Guinea-Bissau	2011	4.50	1.92	2337.66
82	TTO	Trinidad & Tobago	2011	60.20	26.12	2304.66
83	DZA	Algeria	2011	599.30	261.45	2292.17
84	DMA	Dominica	2011	2.10	0.98	2142.86
85	JAM	Jamaica	2011	50.70	24.75	2048.90
86	SWZ	Swaziland	2011	12.10	6.22	1943.78
87	CRI	Costa Rica	2011	106.40	55.04	1933.28
88	BTN	Bhutan	2011	8.30	4.44	1870.63
89	MNG	Mongolia	2011	24.80	13.29	1865.78
90	LBR	Liberia	2011	4.40	2.42	1814.43

Table 5: Countries sorted by ratio

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
91	ETH	Former Ethiopia	2011	170.00	94.85	1792.34
92	SAU	Saudi Arabia	2011	1491.20	834.10	1787.80
93	TZA	Tanzania	2011	121.10	67.90	1783.40
94	OMN	Oman	2011	144.40	84.24	1714.09
95	BIH	Bosnia & Herzegovina	2011	54.10	31.57	1713.71
96	NPL	Nepal	2011	63.50	38.08	1667.54
97	BWA	Botswana	2011	49.70	29.85	1665.16
98	GHA	Ghana	2011	121.10	75.66	1600.67
99	MLI	Mali	2011	28.60	17.88	1599.55
100	AZE	Azerbaijan	2011	148.70	93.05	1598.00
101	RWA	Rwanda	2011	22.40	14.13	1585.50
102	MDG	Madagascar	2011	32.70	20.64	1584.53
103	MOZ	Mozambique	2011	37.90	24.00	1579.50
104	NER	Niger	2011	17.80	11.60	1535.14
105	COL	Colombia	2011	726.60	475.01	1529.64
106	LSO	Lesotho	2011	5.70	3.84	1484.76
107	UZB	Uzbekistan	2011	140.90	95.24	1479.45
108	VNM	Viet Nam	2011	431.50	299.98	1438.43
109	KWT	Kuwait	2011	202.10	141.14	1431.95
110	PAN	Panama, excluding Canal Zone	2011	66.90	50.67	1320.33
111	KGZ	Kyrgyzstan	2011	17.20	13.16	1306.59
112	BHR	Bahrain	2011	39.90	31.30	1274.64
113	TGO	Togo	2011	8.20	6.46	1268.56
114	ARE	United Arab Emirates	2011	323.50	256.52	1261.12
115	CIV	Cote d'Ivoire	2011	44.40	36.09	1230.33
116	LAO	Laos	2011	21.40	17.41	1228.83
117	PNG	Papua New Guinea	2011	21.10	17.20	1226.96
118	CAF	Central African Rep.	2011	4.20	3.67	1143.79
119	TJK	Tajikistan	2011	18.40	16.22	1134.33
120	HTI	Haiti	2011	14.00	12.37	1132.23
121	LKA	Sri Lanka	2011	130.30	116.60	1117.53
122	ALB	Albania	2011	26.90	25.32	1062.32
123	NGA	Nigeria	2011	439.30	414.03	1061.03
124	BGD	Bangladesh	2011	290.80	283.47	1025.86
125	KHM	Cambodia	2011	32.50	33.82	961.00
126	GAB	Gabon	2011	22.30	23.58	945.72
127	BOL	Bolivia (Plurinational State of)	2011	46.90	51.56	909.67
128	BLZ	Belize	2011	2.50	2.80	893.18
129	COG	Congo	2011	16.00	18.07	885.54
130	MUS	Mauritius	2011	15.90	19.21	827.61
131	NAM	Namibia	2011	13.00	15.82	821.74
132	MRT	Mauritania	2011	5.80	7.11	815.75
133	COD	Dem. Rep. Congo	2011	20.60	25.29	814.45
134	VEN	Venezuela	2011	302.10	374.11	807.53
135	STP	So Tom e Prncipe	2011	0.30	0.38	791.56

Table 6: Countries sorted by ratio

	ISO3	Country.Name	Year	Scientific and techni- cal journal articles	GDPPPP	ratio
136	SDN	Sudan	2011	69.30	87.63	790.83
137	SMR	San Marino	2011	1.00	1.38	724.11
138	BRN	Brunei	2011	14.60	21.03	694.15
139	NIC	Nicaragua	2011	17.10	24.90	686.72
140	FSM	Micronesia	2011	0.50	0.73	683.99
141	MHL	Marshall Islands	2011	0.30	0.46	656.46
142	BDI	Burundi	2011	3.40	5.18	655.86
143	TON	Tonga	2011	0.50	0.76	655.31
144	QAT	Qatar	2011	111.30	173.24	642.46
145	PHL	Philippines	2011	241.30	391.12	616.95
146	SLE	Sierra Leone	2011	4.00	6.79	589.28
147	DJI	Djibouti	2011	1.30	2.23	582.96
148	YEM	Yemen	2011	33.30	57.97	574.47
149	PER	Peru	2011	161.70	301.96	535.50
150	GUY	Guyana	2011	2.90	5.85	495.64
151	LBY	Libya, State of	2011	17.90	37.16	481.64
152	IRQ	Iraq	2011	95.60	216.20	442.19
153	KNA	Saint Kitts and Nevis	2011	0.40	0.92	433.37
154	ECU	Ecuador	2011	60.10	143.41	419.07
155	KAZ	Kazakhstan	2011	87.40	216.78	403.17
156	COM	Comoros	2011	0.30	0.84	358.42
157	GIN	Guinea	2011	4.00	11.50	347.74
158	ERI	Eritrea	2011	1.40	4.04	346.88
159	GTM	Guatemala	2011	22.20	75.05	295.82
160	HND	Honduras	2011	9.70	35.95	269.80
161	AFG	Afghanistan	2011	7.70	30.07	256.03
162	IDN	Indonesia	2011	269.90	1125.29	239.85
163	PRY	Paraguay	2011	9.20	40.64	226.36
164	SUR	Suriname	2011	1.40	6.36	220.13
165	SLV	El Salvador	2011	8.60	44.80	191.97
166	LCA	Saint Lucia	2011	0.40	2.17	184.50
167	ATG	Antigua & Barbuda	2011	0.20	1.53	130.98
168	MMR	Myanmar	2011	9.10	82.68	110.07
169	MDV	Maldives	2011	0.30	2.90	103.41
170	DOM	Dominican Rep.	2011	9.10	93.38	97.45
171	TCD	Chad	2011	1.70	19.32	87.97
172	AGO	Angola	2011	6.00	116.25	51.61
173	GNQ	Equatorial Guinea	2011	0.70	18.57	37.70
174	TKM	Turkmenistan	2011	0.50	43.34	11.54
175	KIR	Kiribati	2011	0.00	0.60	0.00
176	KSV	Kosovo	2011	0.00	12.86	0.00
177	TUV	Tuvalu	2011	0.00	0.04	0.00
178	VCT	ST. VINCENT & GRENADINES	2011	0.00	1.26	0.00
179	WSM	Samoa	2011	0.00	1.09	0.00

Table 7: Countries sorted by ratio