



The human right to science is recognized in Article 27 of the Universal Declaration of Human Rights and Article 15(b) of the International Covenant on Economic, Social and Cultural Rights. These provisions create States' obligations to adopt measures to ensure the right to access scientific knowledge, facilitate participation in science, guarantee scientific freedom, promote conservation, development and diffusion, and promote international cooperation.

Approach

As other human rights, the realization of the right to science is progressive and, to date, not fully realized. With these indicators, we aim at measuring the degree to which the right is been realized. The Right to Science Index is in completion and only some indicators appear in the current form of the Index. So far, we have assembled the following indicators: government expenditure on R&D and education, internet usage, male/female ration in tertiary education and beyond, and publication output.

Data sources

Data were collected from the following sources:

National Science Foundation, Science and Engineering Indicators | UN-UNESCO Institute for Statistics | International Telecommunication Union, World Telecommunication/ICT Development Report and database | World Bank: Women, Business and the Law | National Science Foundation, Science and Engineering Indicators



Right to Science Indicator

List Nations	Tot
Afghanistan	2
Albania	13
Algeria	10
Angola	0
Argentina	37
Armenia	12
Australia	56
Austria	40
Azerbaijan	14
Bahamas	9
Bangladesh	9
Belarus	10
Belgium	56
Belize	7
Benin	10
Bhutan	13
Bolivia	8
Bosnia and Herzegovina	8
Botswana	17
Brazil	37
Brunei	13
Bulgaria	16

List Nations	Tot
Burkina Faso	4
Burundi	10
Cambodia	7
Cameroon	9
Canada	57
Central African Republic	3
Chad	7
Chile	35
China	57
Colombia	31
Congo - Brazzaville	5
Costa Rica	34
Ivory Coast	8
Croatia	13
Cuba	6
Cyprus	20
Czech Republic	39
Congo - Kinshasa	10
North Korea	0
Denmark	34
Djibouti	3
Dominican Republic	10



Right to Science Indicator

List Nations	Tot
Ecuador	15
Egypt	12
El Salvador	5
Equatorial Guinea	5
Eritrea	4
Estonia	28
Ethiopia	15
Fiji	7
Finland	38
France	52
Gabon	8
Gambia	8
Georgia	10
Germany	55
Ghana	13
Greece	23
Guatemala	11
Guinea	9
Guinea-Bissau	2
Guyana	4
Haiti	1
Honduras	23

List Nations	Tot
Hungary	21
Iceland	26
India	35
Indonesia	14
Iran	19
Iraq	4
Ireland	32
Israel	38
Italy	37
Jamaica	13
Japan	49
Jordan	15
Kazakhstan	17
Kenya	20
South Korea	47
Kuwait	15
Kyrgyzstan	7
Laos	9
Latvia	22
Lebanon	15
Lesotho	13
Liberia	7



Right to Science Indicator

List Nations	Tot
Libya	5
Lithuania	23
Luxembourg	23
Republic of Macedonia	8
Madagascar	11
Malawi	9
Malaysia	28
Mali	12
Malta	21
Mauritania	10
Mexico	37
Moldova	13
Mongolia	9
Montenegro	12
Morocco	14
Mozambique	8
Myanmar	2
Northern Cyprus	14
Namibia	15
Nepal	9
Netherlands	53
New Caledonia	4

List Nations	Tot
New Zealand	44
Nicaragua	11
Niger	5
Nigeria	8
Norway	36
Oman	14
Pakistan	10
Panama	14
Papua New Guinea	4
Paraguay	10
Peru	11
Philippines	28
Poland	37
Portugal	37
Puerto Rico	16
Qatar	18
Romania	31
Russia	34
Rwanda	9
South Sudan	4
Saudi Arabia	18
Senegal	16



Right to Science Indicator

List Nations	Tot
Serbia	15
Sierra Leone	42
Slovakia	24
Slovenia	29
Solomon Islands	4
South Africa	33
Spain	45
Sri Lanka	11
Sudan	2
Suriname	2
Swaziland	8
Sweden	43
Switzerland	43
Syria	7
Taiwan	22
Tajikistan	11
Tanzania	12
Thailand	24
East Timor	1
Togo	5
Trinidad and Tobago	13
Tunisia	15

List Nations	Tot
Turkey	28
Turkmenistan	5
Uganda	11
Ukraine	27
United Arab Emirates	14
United Kingdom	60
United States	65
Uruguay	16
Uzbekistan	2
Vanuatu	5
Vietnam	27
Western Sahara	0
Yemen	3
Zambia	11

