

GlobalIndex 2002: Definitions and Sources

Indices and Variables	Source	Definition
A. Economic Globalization		
i) Economic Flows		
Trade (% of GDP)	WB05	Trade is the sum of exports and imports of goods and services measured as a share of gross domestic product.
Foreign Direct Investment (% of GDP)	WB05	Gross foreign direct investment is the sum of the absolute values of inflows and outflows of foreign direct investment recorded in the balance of payments financial account. It includes equity of the balance of payments financial account. It includes equity inflows and outflows of foreign direct investment recorded in capital, reinvestment of earnings, other long-term capital, and short-term capital. This indicator differs from the standard measure of foreign direct investment, which captures only inward investment.
Portfolio Investment (% of GDP)	IMF, IFS	Sum of the absolute values of inflows and outflows of portfolio investment recorded in the balance of payments.
Income Payments to Foreign Nationals (% of GDP)	WB05	Income payments refer to employee compensation paid to nonresident workers and investment income (payments on direct investment, portfolio investment, other investments). Income derived from the use of intangible assets is excluded from income and recorded under business services.
ii) Economic Restrictions		
Hidden Import Barriers	GW	No barriers other than published tariffs and quotas.
Mean Tariff Rate	GW	As the mean tariff rate increases, countries are assigned lower ratings. The rating declines toward zero as the mean tariff rate approaches 50%.
Taxes on International Trade (% of current revenue)	WB05	Taxes on international trade include import duties, export duties, profits of export or import monopolies, exchange profits, and exchange profits, and exchange taxes. Current revenue includes all revenue from taxes and non repayable receipts (other than grants) from the sale of land, intangible assets, government stocks, or fixed capital assets, or from capital transfers from nongovernmental sources. It also includes fines, fees, recoveries, inheritance taxes, and non recurrent levies on capital.
B. Socio-technical Interconnectedness		
i) Personal Contact		
Outgoing Telephone Traffic	WB05	Outgoing traffic refers to telephone traffic, measured in minutes per 1000 population. (Minutes per subscriber, that originated in the country with a destination outside the country multiplied with number of telephone mainlines per 1000 population.)

Transfers (% of GDP)	WB05	Sum of gross inflows and gross outflows of goods, services, income, or financial items without a quid pro quo.
International Tourism	WB05	Sum of arrivals and departures of international tourists as a share of population.
Foreign Population (% of total population)	WB05	Foreign (or foreign-born) population is the number of foreign or foreign-born residents in a country.
ii) Information Flows		
Internet Hosts (per capita)	ITU	Internet hosts per capita.
Internet Users (per capita)	WB05	Internet users are people with access to the worldwide internet network.
Cable Television (per 1000 people)	WB05	Cable television subscribers are households that subscribe to a multichannel television service delivered by a fixed line connection, per 1,000 people. Some countries also report subscribers to pay television using wireless technology or those cabled to community antenna systems.
Daily Newspapers (per 1000 people)	WB05	Daily newspapers refer to those published at least four times a week.
Radios (per 1000 people)	WB05	Radios refer to radio receivers in use for broadcasts to the general public.
International Trade in Books and Pamphlets (in \$ per capita)	UNESCO	Books and pamphlets correspond to code 892.11 of the Standard International Trade Classification (SITC) Revision 1; newspapers and periodicals correspond to code 892.2. Export values are f.o.b. (free on board) at the frontier of the exporting country. f.o.b. (free on board) at the frontier of the exporting country. Import values are c.i.f. (cost, insurance, freight) except for Canada and Australia where they are f.o.b. Export data include, where appropriate, re-exports.
International Trade in Newspapers and Periodicals (in \$ per capita)	UNESCO	International Trade in Books and Pamphlets (in \$ per capita)
Fixed Line and Mobile Phone Subscribers (per 1000 people)	WB04	Fixed lines are telephone mainlines connecting a customer's equipment to the public switched telephone network. Mobile phone subscribers refer to users of portable telephones subscribing to an automatic public mobile telephone service using cellular technology that provides access to the public switched telephone network.
C. Cultural Globalization		
Source		
Definition		
i) Logic of Expansion		
Urban Population (% of total population)	WB04	Urban population is the share of the total population living in areas defined as urban in each country.
High-technology exports (% of manufactured exports)	WB06	High-technology exports are products with high R&D intensity, such as in aerospace, computers, pharmaceuticals, scientific instruments, and electrical machinery.

Total gross domestic expenditure on R&D (as percentage of gross domestic product)	UNESCO	Gross domestic expenditure on R&D (GERD) is the total intramural expenditure on R&D performed on the national territory during a given period. There are five categories of funding sources: Business enterprise funds, Government funds, Public enterprises funds, Higher education funds and Private non
ii) Values and Standards		
Freedom House Index (civil liberties / political rights)	FH	Civil liberties allow for the freedoms of expression and belief, associational and organizational rights, rule of law, and personal autonomy without interference from the state. Political rights enable people to participate freely in the political process, including the right to vote freely for distinct alternatives in legitimate elections, compete for public office, join political parties and organizations, and elect representatives who have a decisive impact on public policies and are accountable to the electorate.
School enrollment, primary (% net)	WB04	Net enrollment ratio is the ratio of the number of children of official school age (as defined by the national education system) who are enrolled in school to the population of the corresponding official school age. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music. Based on the International Standard Classification of Education, 1976 (ISCED76) and 1997 (ISCED97).
School enrollment, primary, female (% net)	WB06	School enrollment, primary (% net)
Public spending on education, total (% of GDP)	WB06	Public expenditure on education consists of public spending on public education plus subsidies to private education at the primary, secondary, and tertiary levels.
Number of McDonald's Restaurants (per 100,000 people)	MCD	Number of McDonald's Restaurants (per 100000 people).
D. Political Globalization	Source	Definition
Embassies in Country	EWY	Absolute number of embassies in a country.
Membership in International Organizations	UoIA	Absolute number of inter-governmental international organizations.
Participation in U.N. Security Council Missions	DoPO	Absolute number of U.N. Security Council Missions participated.

References:

WB06	Worldbank, WDI (2006)
WB05	Worldbank, WDI (2005) (following Dreher*)
WB04	Worldbank, WDI (2004)
IMF, IFS:	International Monetary Fund (2005), International Financial Statistics Indicators, CD-Rom. (following Dreher*)
GW:	Gwartney, James and Robert Lawson with Erik Gartzke (2005), Economic Freedom of the World: 2005 Annual Report, http://www.freetheworld.org/ (following Dreher*)
UNESCO:	United Nations Educational, Scientific, and Cultural Organization (UNESCO) Institute for Statistics.
ITU:	International Telecommunications Union, Yearbook of Statistics und International Telecommunications Union, World Telecommunication Indicators Database (following Dreher*)
FH :	www.FreedomHouse.org
MCD :	www.mcdonalds.com (following Dreher*)
EWY:	Europa World Yearbook (following Dreher*)
UoIA:	Union of international associations (Yearbook of international organizations) und Central Intelligence Agency (following Dreher*)
DoPO:	Department of Peacekeeping Operations, UN und http://www.uno.de/frieden/frieden/50Jahre/dpi2004/index.htm (following Dreher*)

*Dreher, Axel (2006) Does Globalization Affect Growth? Evidence from a new Index of Globalization, Applied Economics 38, 10: 1091-1110