


MEDIA Sovereignty, Freedom, and Development

Saudi Arabia unveils plans for 'entertainment city' near Riyadh

© 8 April 2017

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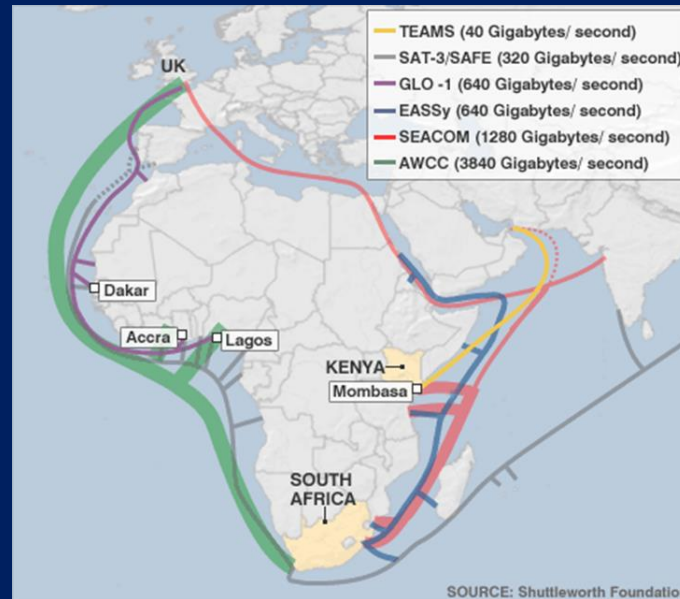
The new complex will be built on the edge of Riyadh (pictured)

REUTERS

Saudi Arabia has unveiled plans for an entertainment city on the edge of Riyadh which will be 50 times the size of Gibraltar once complete.

The 334 sq km (129 sq mile) attraction - about the same as Las Vegas - will offer cultural, sporting and entertainment activities - including a Six Flags park and a safari park.

The announcement boasts it will be the first of its kind in the world.



Challenges & Opportunities

"MEDIA DEVELOPMENT"

- **Media Development** = Increasing the **quantity** AND **improving the QUALITY** of the available kinds of media, **USEFUL INFORMATION**, or means of communication. Implied notion of progress.
- **"Media"** = TRIPLE (x3) Meaning:
 1. The **Physical Technologies** used to transmit OR distribute information/messages → Books, TVs, Satellites, Fiber optics, computers, newspapers
 2. The **ORGANIZATIONS People, & Services who use the technology**, (e.g., BBC, Microsoft, FaceBook, Google, Associated Press, Oprah, John Stewart, Gaga, United Nations, Corporations, Governments, Journalists, PR/Advertising, etc.)
 3. The **"interactions," "transactions," and resulting "resonance"** that happen during and b/c of media use/consumption.

⇒ This implies a **BREAK from older colonial power** and an overcoming large scale **inequalities** (gender, economic, political, age, etc.), **insecurities** (food, political, fear, etc.). **HOWEVER**, it may not actually be true!

Physical/Geographic Barriers to Sovereignty & Development

- **Geographic BARRIERS**

- Islands, Mountains, Water (Oceans), Time Zones



Indonesia = 18,307 islands across 3,500 miles

Micronesia = 1,500 islands across 1,800 miles



Geography & Infrastructure --

Roads, Bridges, Buildings

Scarcity and or Abundance of Resources (Water, Arable Land, Gas/oil, Electricity, Paper, Food)
Trans-Bolivian Highway
(Andes→Amazon)

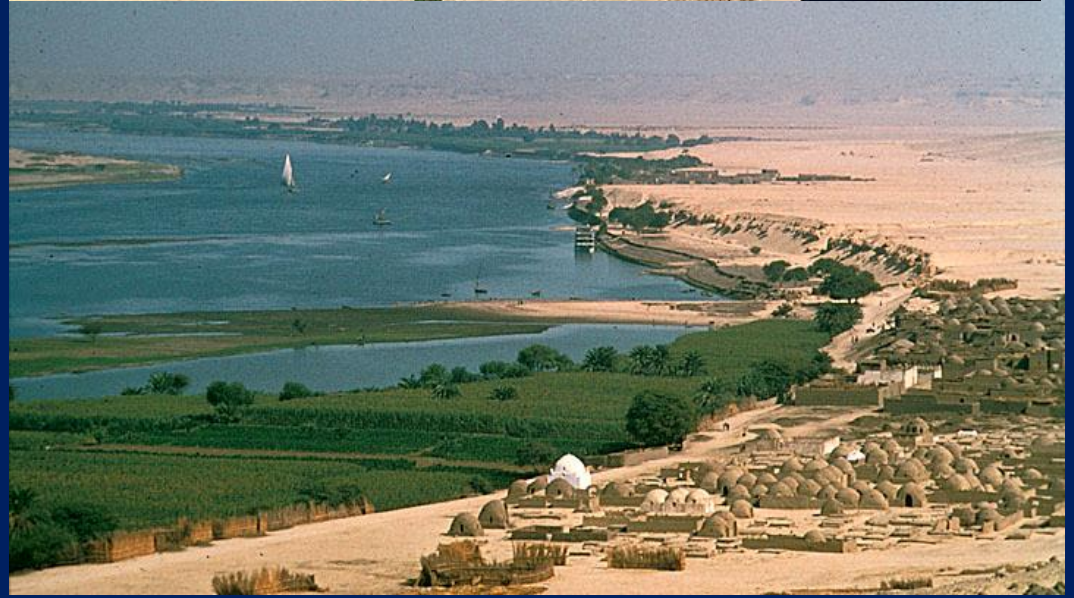


India: Western Himalayas



Haiti – Dominican Republic





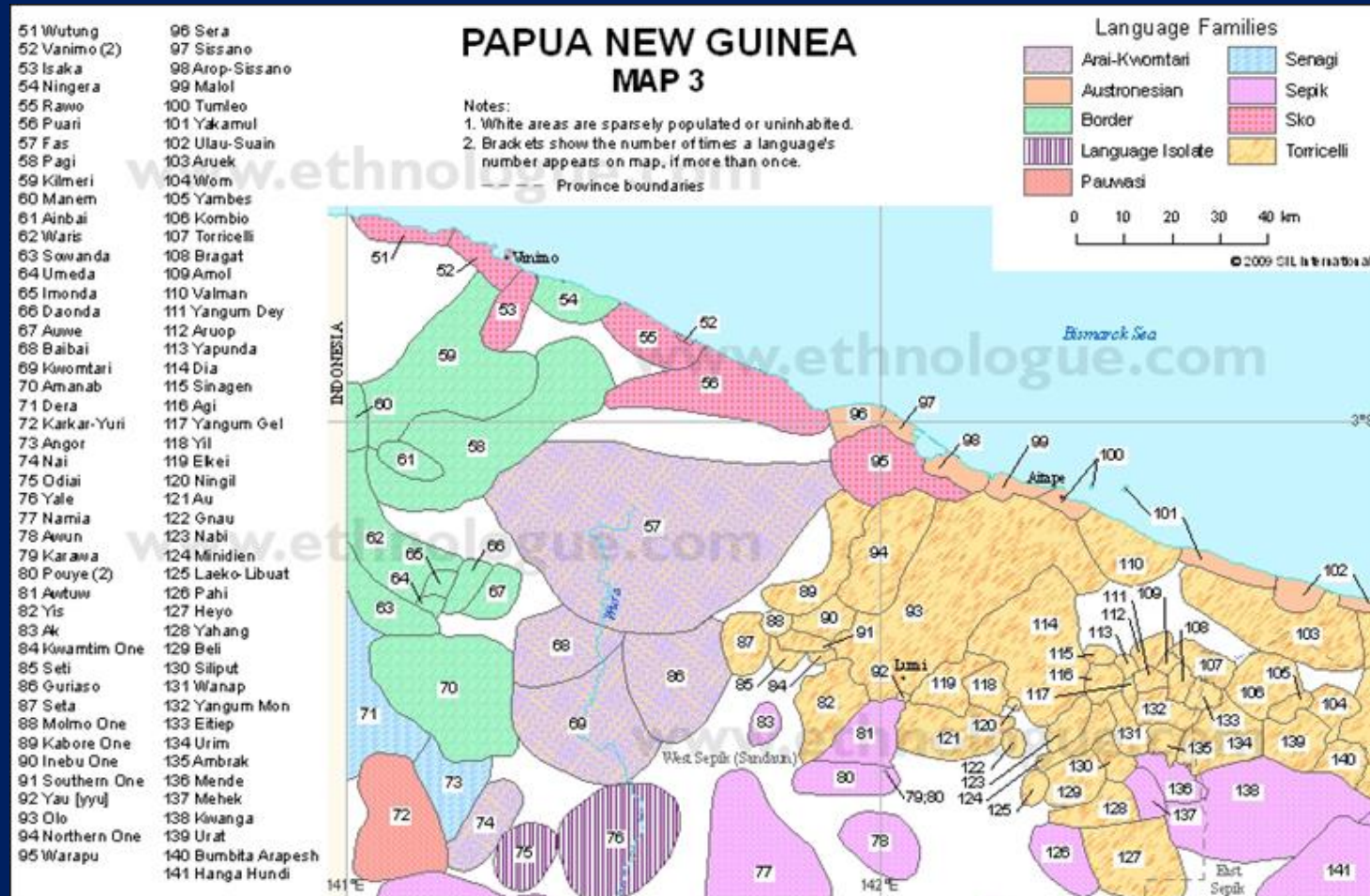
Linguistic Barriers/Hurdles to Sovereignty

Linguistic Diversity within Nations

Country	# of languages	% of world languages	Official or national language(s)	Total population (July 2005 est.)
Papua New Guinea	820	11.86%	Hiri Motu, Tok Pisin, English	5,545,268
Indonesia	742	10.73%	Indonesian	241,973,879
Nigeria	516	7.47%	Edo, Efik, Adamawa Fulfulde, Hausa, Idoma, Igbo, Central Kanuri, Yoruba, English	128,771,988
India	427	6.18%	<i>Lingua franca:</i> English & Hindi <i>Official languages:</i> Assamese, Bengali, Bodo, Dogri, Gujarati, Hindi, Kannada, Kashmiri, Konkani, Maithili, Malayalam, Marathi, Meitei, Nepali, Oriya, Eastern Panjabi, Sanskrit, Santali, Sindhi, Tamil, Telugu, Urdu.	1,080,264,388
Mexico	297	4.30%	Spanish	106,202,903
Cameroon	280	4.05%	English, French	16,380,005
Australia	275	3.98%	English	20,090,437
China	241	3.49%	Mandarin Chinese <i>Regional:</i> Daur, Kalmyk-Oirat, Lu, Peripheral Mongolian, Central Tibetan, Uyghur, Xibe, Northern Zhuang	1,306,313,812
Dem Rep Congo	216	3.12%	Koongo, Lingala, Luba-Kasai, Congo Swahili, French	60,085,804
Brazil	200	2.89%	Portuguese	186,112,794
Philippines	180	2.60%	Filipino, English	87,857,473
Malaysia	147	2.13%	Malay	23,953,136
Canada	145	2.10%	English, French	32,805,041
Sudan	134	1.94%	Standard Arabic	40,187,486
Chad	122	1.92%	Standard Arabic, French	9,826,419
Russia	129	1.87%	Russian	143,420,309
Tanzania	128	1.85%	Swahili, English	36,766,356
Nepal	125	1.81%	Nepali	27,676,547
Vanuatu	115	1.66%	Bislama, English	205,754

Linguistic Barriers/Hurdles to Sovereignty

Linguistic Diversity within Nations



- **Multilingualism**--Logistics of communicating across language lines (accents, dialects, creoles)

Linguistic Barriers/Hurdles to Sovereignty

Linguistic Diversity within Nations

- **Multilingualism**= Multiple languages **commonly** spoken.
 - Logistics of communicating across language lines.
- **2nd Language Dominance**—
 - “National Language” different from the language of **the people**.
 - Colonial Linguistic ties.
 - English as a “Global Language”
- **LANGUAGE FUSIONS**
 - (**PIDGINS**, creoles, dialects, accents).
 - **PIDGIN** = a grammatically simplified means of communication that develops between two or more groups that do not have a common/shared language



BBC Pidgin + Google's Noto

Pidgin - West African lingua franca

16 November 2016 | Africa

f t s e Share



Akwasi Sarpong from Ghana and Didi Akinyelure from Nigeria speak Pidgin

The BBC is launching 11 new language services and one of them is English-based Pidgin, which is one of the most widely spoken languages across West Africa, even though it is not officially recognised.

What is Pidgin?

The Oxford English Dictionary definition of Pidgin is: A language containing lexical



Creating Noto for Google

Educational Barriers & Opportunities

Access/Costs/Funding for Schools

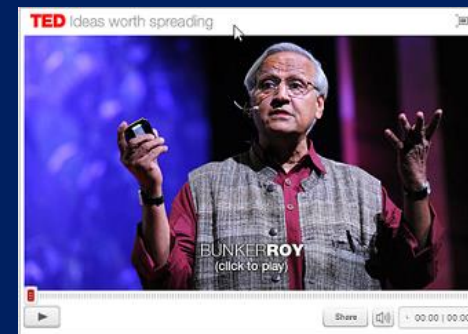
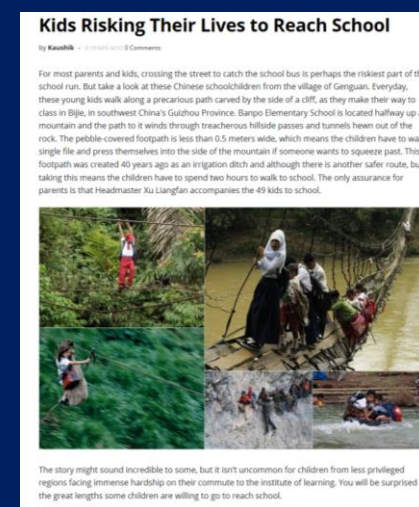
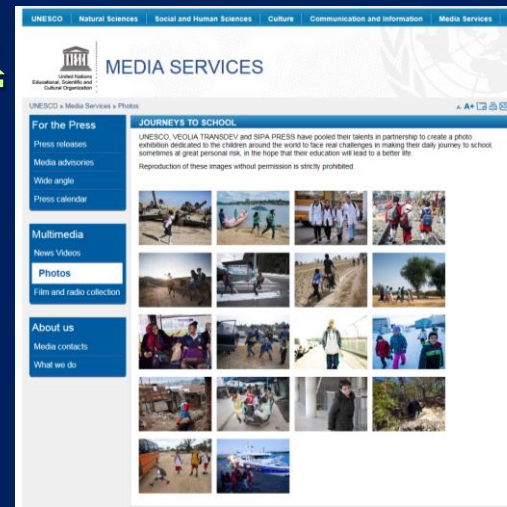
- Daily Transportation/Travel to School
- Job/financial loss for low income families
- School Uniforms
- Books
- Government/State/Local → Tax base
- Yearly Budget? Approval?
- International Organizations (Strings Attached)?
- Funding for teacher Training?

Priorities/Allegiances of Schools/Teaching

- Gender
- Income
- Religious/Cultural
- Math/Science
- Reading/Writing
- Test taking

Time spent in Educational Environments

- Formal schooling?
- Informal schooling (Media/work)?



Bunker Roy



Media and Education

- “Container Schools”
- 3D Programming and Positive Emotional Contagion Psychology
- Replicating Drugs in H.S. Chemistry



Special Presentation by
Mr Thierry Boulanger

IT and Business to Business Director
Samsung

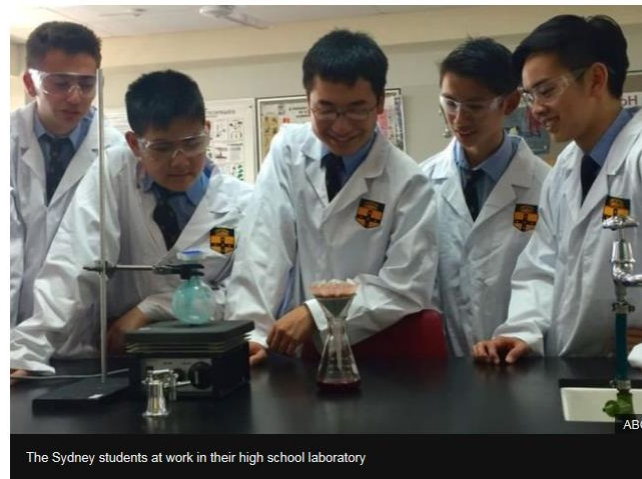


Innovation Africa 2013
15-17 October, Gaborone, Botswana



Martin Shkreli: Australian boys recreate life-saving drug

1 December 2016 | Australia



The man who sparked outrage last year by hiking the price of a life-saving drug may have met his match in some Australian schoolboys.

US executive Martin Shkreli became a symbol of greed when he raised the price of a tablet of Daraprim from \$13.50 (£11) to \$750.

Now, Sydney school students have recreated the drug's key ingredient for just \$20.

Daraprim is an anti-parasitic drug used by malaria and Aids patients.

Martin Shkreli: 'The most hated man in America'

The Sydney Grammar boys, all 17, synthesised the active ingredient, pyrimethamine, in their school science laboratory.



Smiling 'helps children in the classroom'

26 September 2013 Last updated at 18:08 BST

At Reykjavik University, a lot of important learning goes on. The Icelandic education system is often lauded as the best in the world. But it is not just traditional teaching methods that are used in the country.

LA Sues Apple/Pearson

- 43,000 class iPads
+ 77,000 testing
iPads
- Poor schools
- Tech education

US schools seek refund over \$1.3bn iPad project

17 April 2015 | Technology

Share



The US is running a nationwide initiative to improve computers and communications in schools

Schools in Los Angeles are seeking compensation from Apple over a \$1.3bn (£870m) iPad-based education project that has gone awry.

They have sent letters to Apple and its project partners seeking refunds.

The project began in 2013 and aimed to give iPads and other computers to about 650,000 students.

It hit problems when students were able to bypass security systems on the tablets and because the computer-based curriculum was incomplete.

Cutting ties

In the letters, the LA Unified School District (LAUSD) said it was "extremely dissatisfied" with the way the project has been handled, **according to a report in the LA Times**.

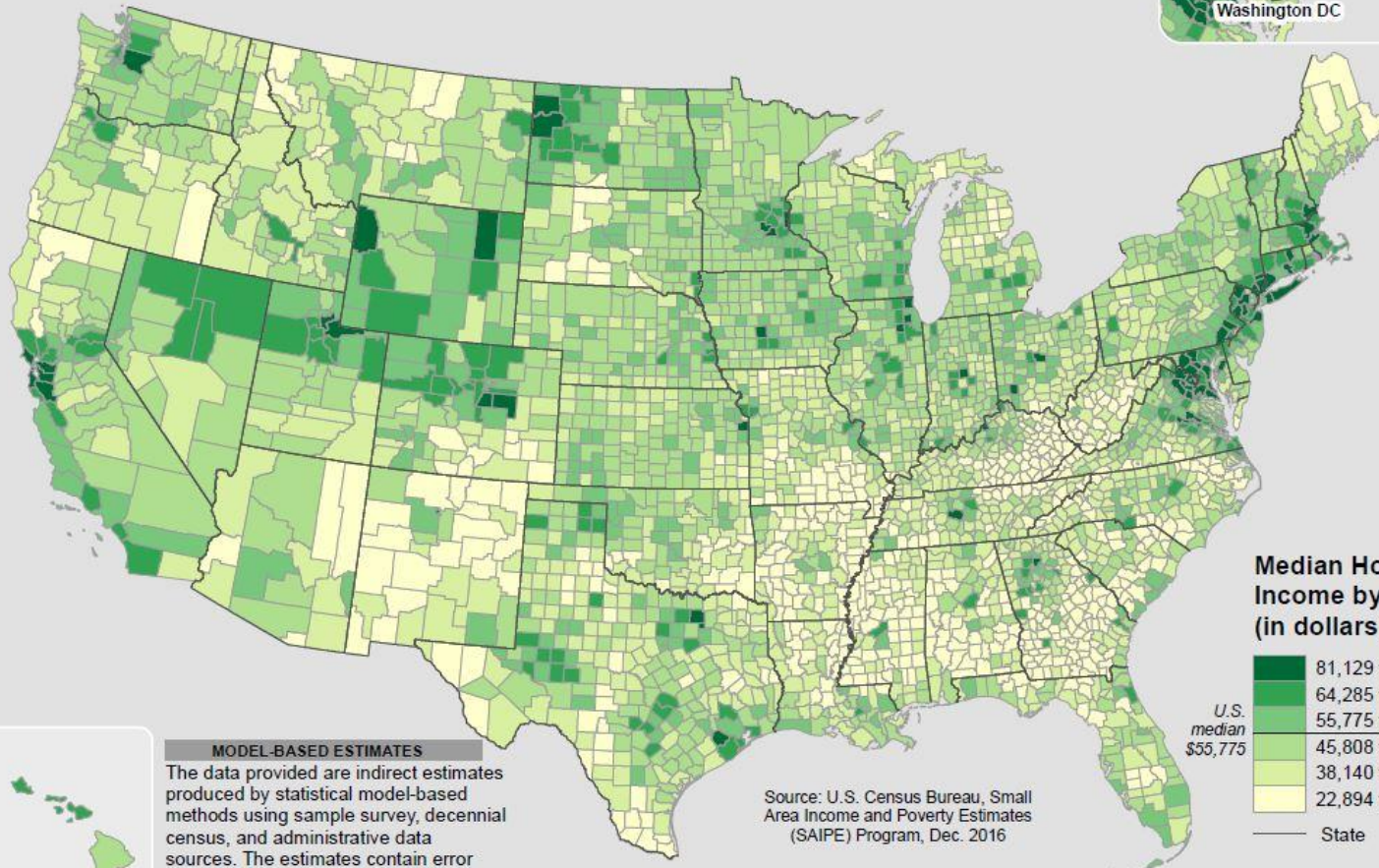
The scheme was intended to be a way for poorer pupils to keep up with wealthier peers who already enjoyed access to tablets and other computer-based study aids.

The LA school district initially bought 43,261 iPads loaded with a maths and English curriculum designed by educational and training firm Pearson. A further 77,000 iPads were bought to be used in standardised tests.

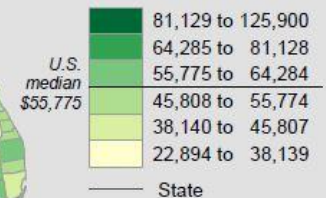
Teachers, school heads and administrators were also expected to use the gadgets to improve lessons and the way schools were run.

Income Distribution across geography

Median Household Income of the Total Population by County: 2015



Median Household Income by County (in dollars)

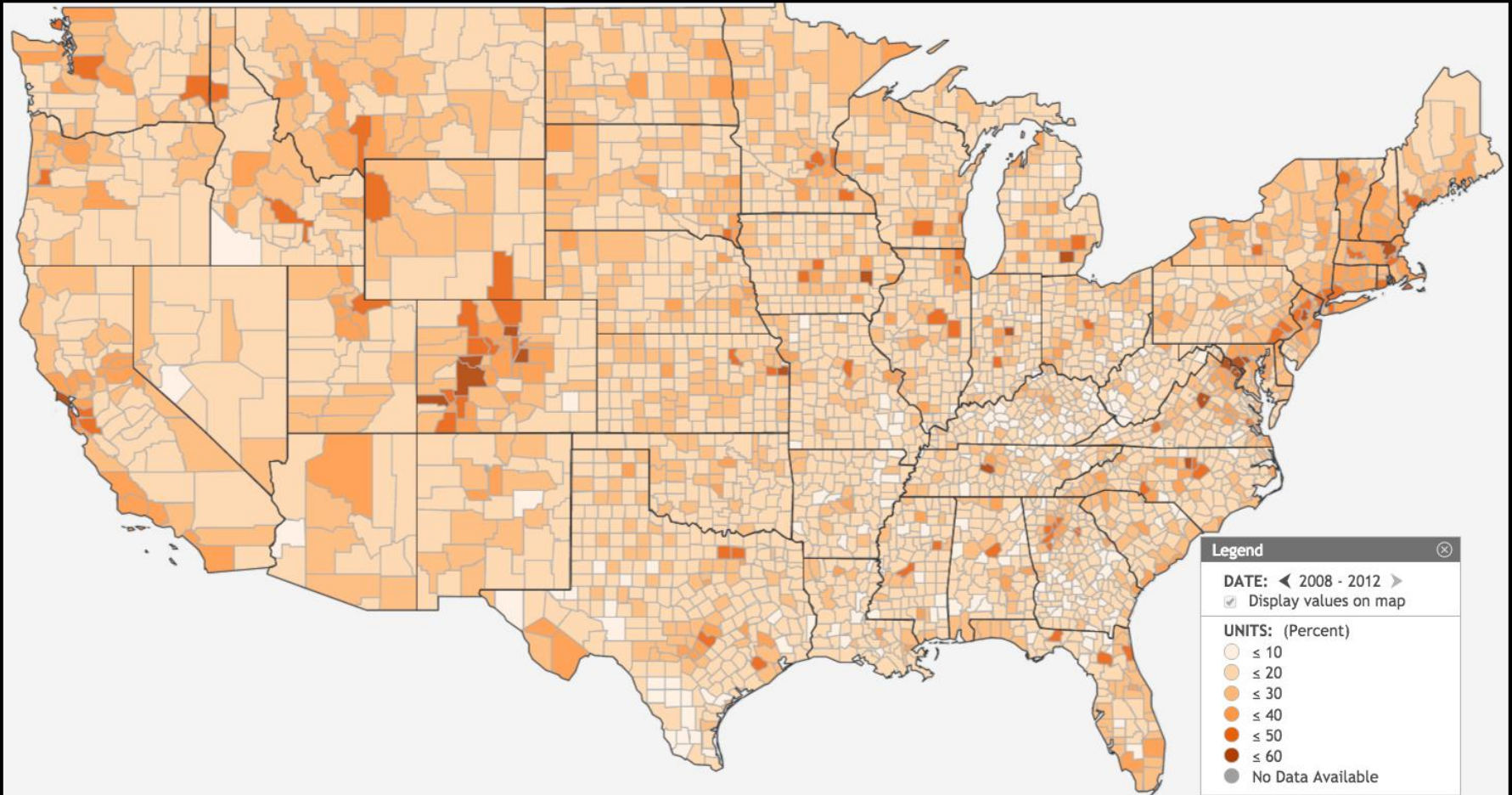


MODEL-BASED ESTIMATES

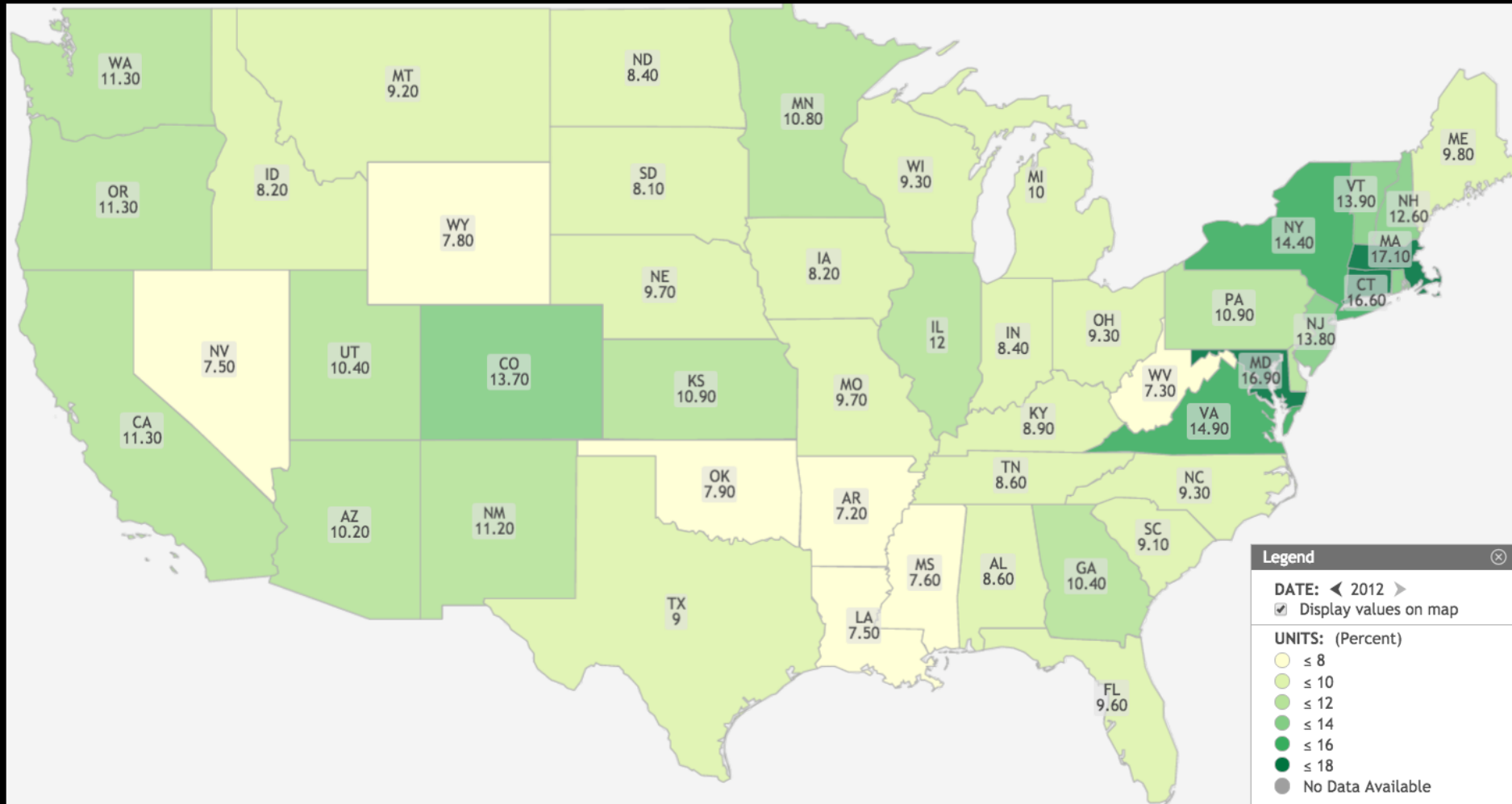
The data provided are indirect estimates produced by statistical model-based methods using sample survey, decennial census, and administrative data sources. The estimates contain error stemming from model error, sampling error, and nonsampling error.

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE) Program, Dec. 2016

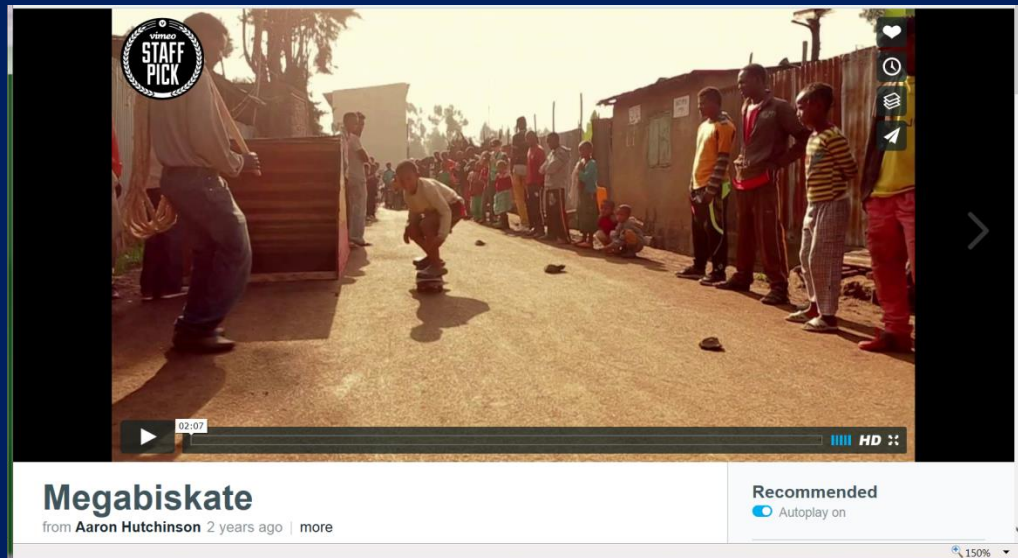
Bachelor's Degree or Higher by County



People 25+ Completed Advanced Degree



Ingenuity



Wade Davis

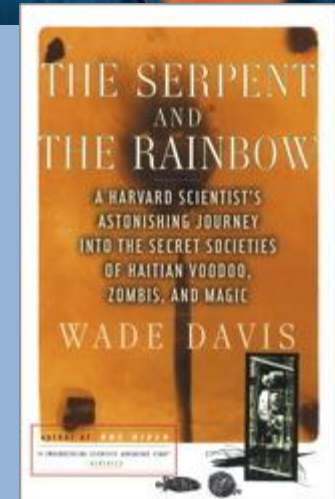
Anthropologist-Ethnobotanist-
Photographer-Filmmaker.



Wade Davis

Background

- Canadian (British Columbia)
- Formal Education: (Harvard)
- **Disciplines:** anthropologist, ethnobotanist, and photographer, filmmaker.
- **Explorer-in-Residence at the National Geographic Society.**
- **Professional Scholar-Speaker on major issues of indigenous peoples and GLOBAL environmental policy.**
- Recent work in East Africa, Borneo, Nepal, Peru, Polynesia, Tibet, Mali, Benin, Togo, New Guinea, Australia, Colombia, Vanuatu, Mongolia and the high Arctic of Nunuvut (Canada) and Greenland.
- **Recent TV Series:** National Geographic four-hour series, *Ancient Voices/Modern World*: Australia, Mongolia, and Colombia
- **Notable Books:**
 - Serpent and the Rainbow (1986)
 - *Other books: Penan: Voice for the Borneo Rain Forest* (1990), *Shadows in the Sun* (1993), *Nomads of the Dawn* (1995), *The Clouded Leopard* (1998), *Rainforest* (1998), *Light at the Edge of the World* (2001), *The Lost Amazon* (2004), *Grand Canyon* (2008), *Book of Peoples of the World* (ed. 2008)

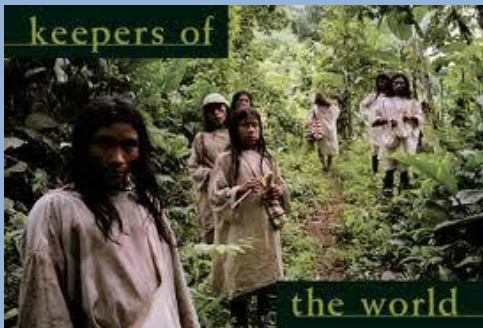
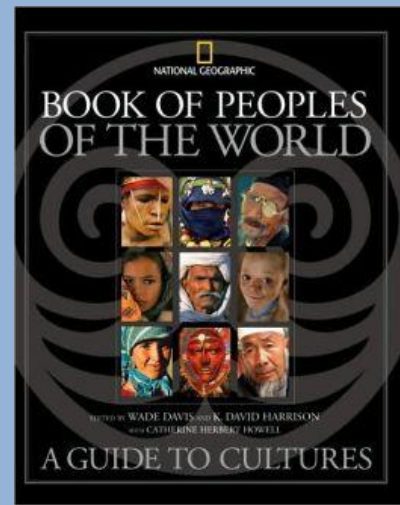


Wade Davis

Focal Points:

- ✓ **Worldwide indigenous cultures AND THE Preservation of Global Cultural Diversity.**
- ✓ **Ethnobotany** (from ethnology, study of culture, and botany, study of plants) is the scientific study of the relationships that exist between people and plants.
- ✓ **Cultural Rituals/Patterns of Behavior—Food**, medicine, intoxicants, spiritual transcendents, etc.
- ✓ Beliefs, myths, magic, narrative traditions, media
- ✓ Comparative Culture Codes — tatoos, piercings, fashion, grafitti, body language, verbal/non-verbal communication
- ✓ Language and Culture
- ✓ Sustainable cultural interactions with local biological environments

“To have that powder blown up your nose is rather like being shot out of a rifle barrel lined with baroque paintings and landing on a sea of electricity.”



YOU KNOW, ONCE
SOMETHING FREEZES,
IT'S SOLID. THAT'S
THE KEY TO THE
ARCTIC. THEY DIDN'T
FEAR THE COLD. THEY
MADE USE OF IT.

The world in which
you were born is just
one model of reality.
*Other cultures are not
failed attempts at
being you; they are
unique manifestations
of the human spirit.*

- Wade Davis

MotherTongues.com



Your/My Connections



Harold Innis- World History of Communication
The Bias of Communication



Neil Postman -Technopoly
Amusing Ourselves to Death



Jon Hyde and Kimberly Sultze
Media Education, Health, and Happiness



Marshall McLuhan – The Global Village
Understanding Media
“The Medium is the Message”



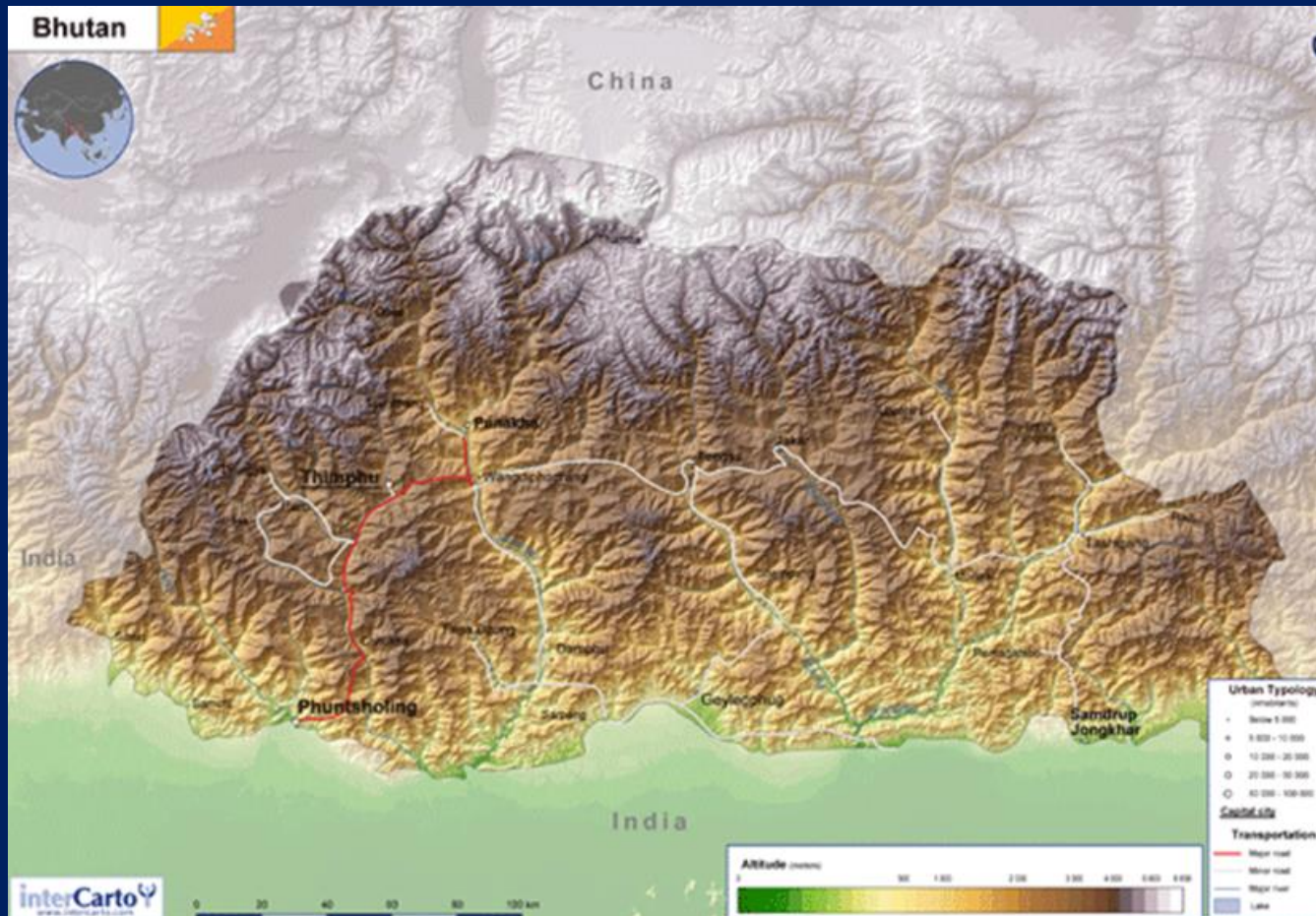
Wade Davis – Book of Peoples of the World



You!?

Bhutan

Bordering China & India



Media Evolution & “Development” in Bhutan

LARGER TRANSFORMATIONS

- Compulsory Education
- ~ 58% Literacy
- **LANGUAGES:**
 - **Dzongkha** + Nepali + Tshangla + English
- 1970s to Present: Electricity
- Bhutan gets first stoplight
- Bhutan Takes down only stoplight
- 60% of population is under 25

21ST CENTURY Media Transformations:

- **1999:** Television Enters (Satellite TV 45→200 Channels)
- **2000:** The Web/Internet COMES TO BHUTAN!
- **2005:** Cell Phone Telecom
- 1970s to Present: Electricity to rural areas
- Bhutan gets first stoplight
- Bhutan Takes down only stoplight
- **2010:** The Credit Card arrives!

Urban/Rural Divide

Nepalize Minority

GLOBAL TOURISM!!!



SMC-BCMD Media Education Project

MEDIA NOMADS!

- 12 month – Educational Service/Learning Project on (Cross-cultural Media Literacy)
- 25 Bhutanese Students/Teachers
- 4 SMC MJD Students
 - Kayle Schnell, Lynne Anderson, Bobby Gaglini, Alex Greene
- 2 SMC Faculty (Profs. Hyde/Kusserow)
- BCMD Faculty & Staff



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Social Profiles



Announcements and News

[Tender for Jurwa TV series](#)

[Vacancy Announcement](#)

[First Youth Summit to be held at Punakha](#)

[Youth Initiative \(YI\)- Call-for-Application](#)

[Call for quotation for BCMD T-Shirt](#)



SMC-BCMD Media Education Project

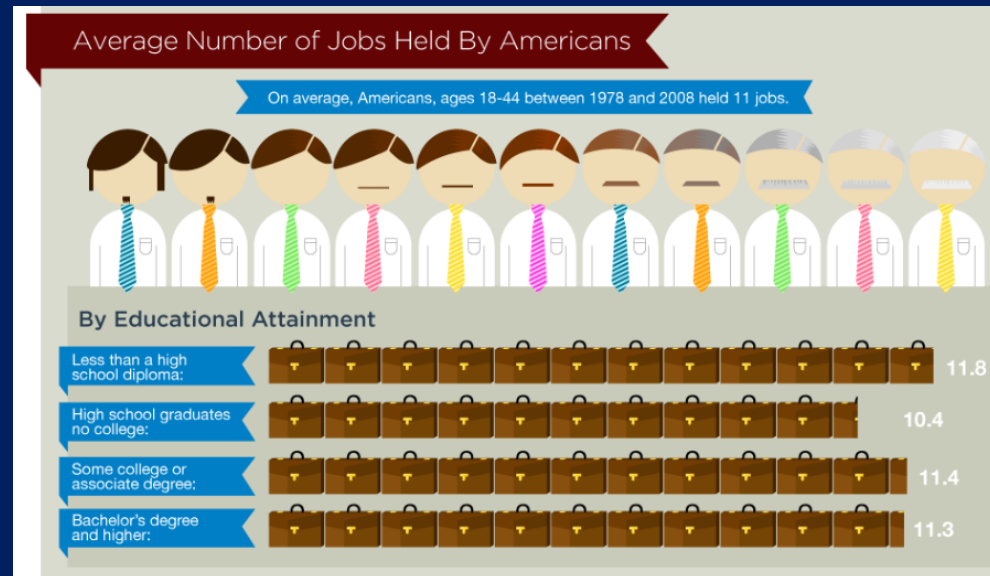
Topics:

- Media Gross National Happiness
- Media Literacy/Education
- Global Media
- Media Use/Addiction
- Advertising/Consumerism
- Media & Health/Well-Being
- Media Violence/Fear
- Media and Democracy



Education → Opportunity

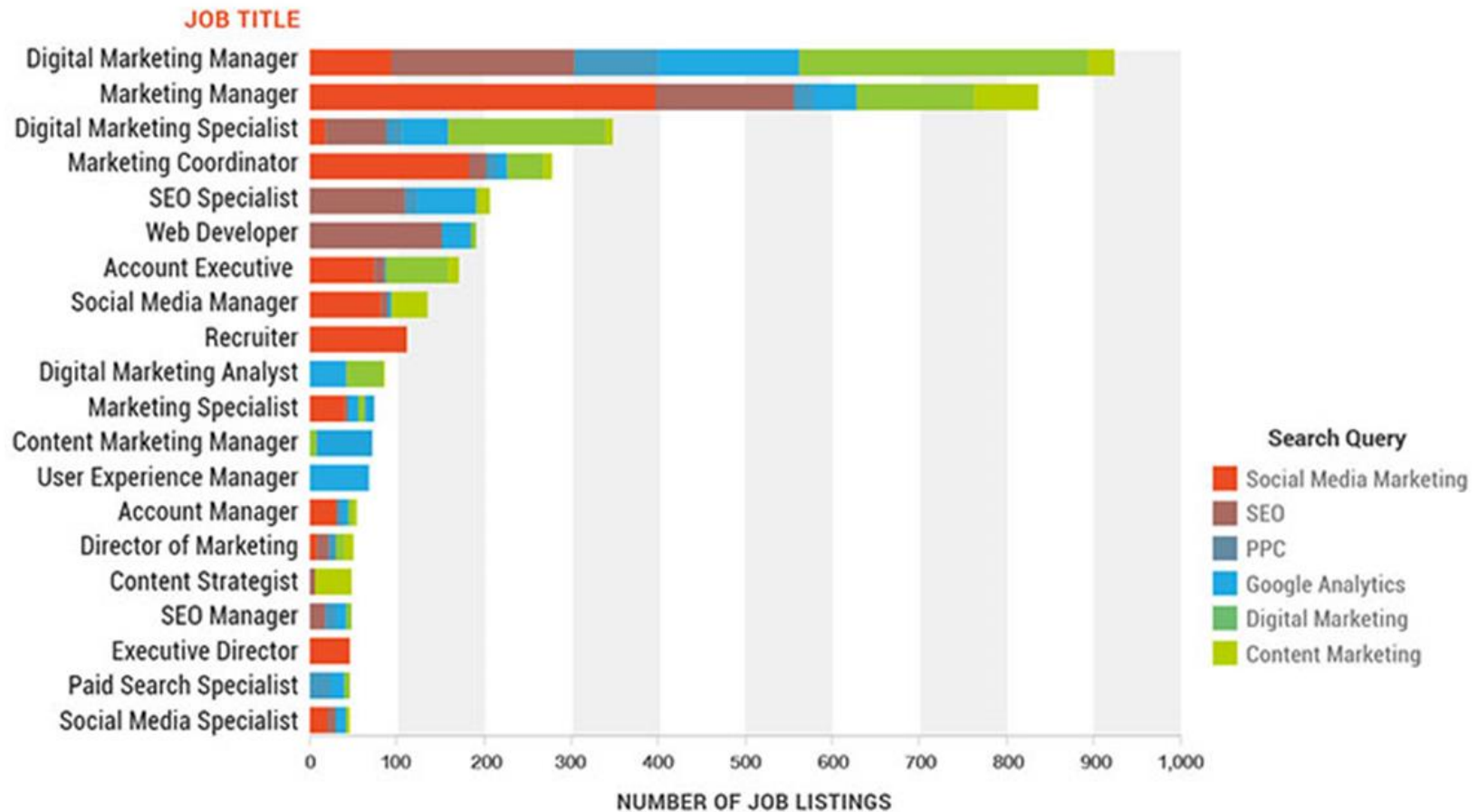
- Americans **change jobs 10-15 times (avg.)** during the course of their working lives.
- National average salary for someone with a **bachelor's degree is \$57,026**, compared to **\$34,197** for someone with just a high school diploma.
- B.A. = **\$1-1.5 million over the course of a lifetime**
- Quality of Life**
 - 69% of college graduates, as opposed to 45% of high school graduates, reported exercising each week.
 - 39% of those with a bachelor's degree volunteered in 2015, as opposed to 16% with a high school diploma.
 - 45% more college graduates voted than did high school graduates (20%) in the same age group.
 - The children of college graduates were more likely to be involved in a variety of educational activities with their families.



Almost **one third** of Americans have **completely changed fields** since starting their first job.

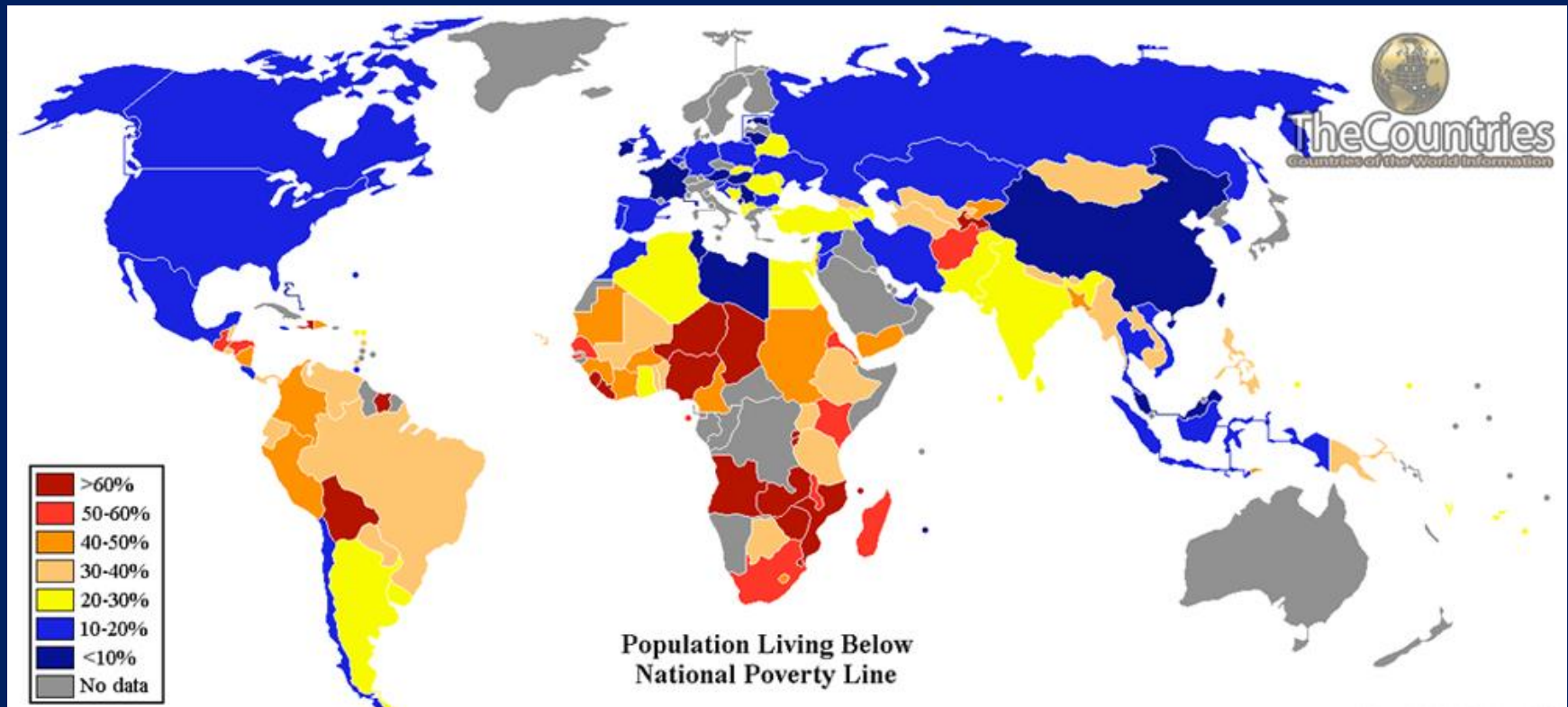
Education → Opportunity

20 MOST COMMON JOB TITLES



Economic Barriers to Sovereignty and Development

- ➔ **20%** - 1.2 billion people - of the world's people exist on less than \$1 per day. (World Bank)
- ➔ More than **3 billion people** exist on less than \$3 per day (\$90month/\$1,000yr) (World Bank)
- ➔ **Women are the poorest of all** across cultures. They do 67% of the world's work, earn 10% of the world's pay, and own only 1% of the world's land.
- ➔ **Strong Link between Literacy, Media and Economics\$\$:** 50-70% Wage loss if you can't read/write



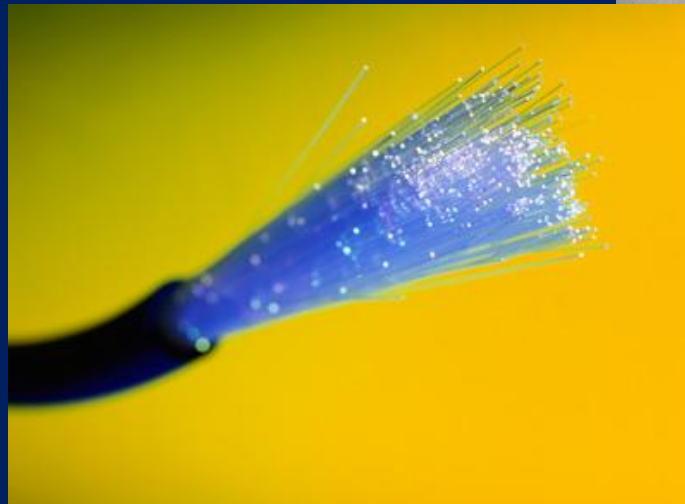
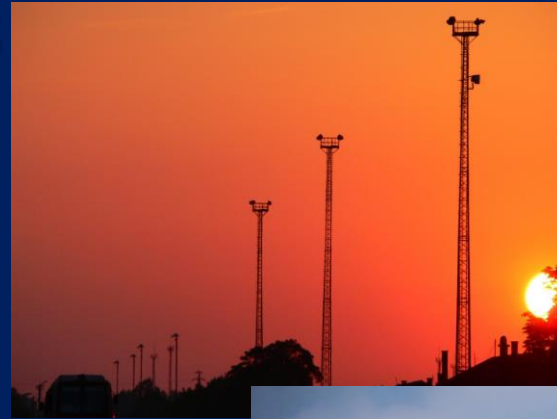
Economic Barriers

to Sovereignty and Development

→ Lack of \$\$\$ to FUND:

→ **TECHNOLOGY INFRASTRUCTURE DEVELOPMENT, EDUCATION, and MAINTENANCE** in a sustainable fashion.

- Cell Towers
- Transmission amplifiers, relays, or repeaters
- Satellites-Uplink/Down Link stations
- Radio/TV towers,
- Cable/Fiber Optics
- Printing Presses
- Network System Hubs
- Computers,
- Cameras, etc.



Economic Barriers

to Sovereignty and Development

→ **Organizational Costs** of sustaining Media Organizations in a digital era when GLOBAL MEDIA is largely controlled in the WEALTHIEST NATIONS→US, UK, FRANCE, S. KOREA, CHINA, JAPAN, etc.

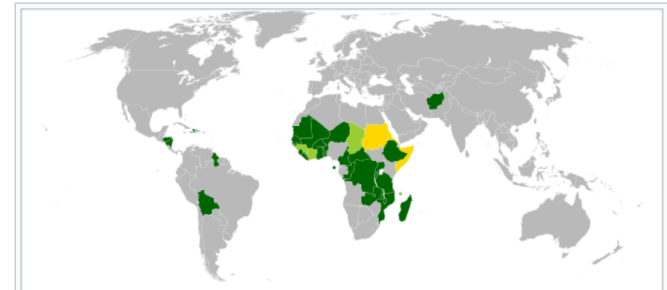
→ **External Debt**--Owed to the International Monetary Fund, The World Bank, or other Financial Institutions

→ **Monopolistic Economic Practices** by either PUBLIC or PRIVATE organizations inside/outside the country.

Heavily indebted poor countries

From Wikipedia, the free encyclopedia

The heavily indebted poor countries (HIPC) are a group of 38 developing countries with high levels of poverty and debt overhang which are eligible for special assistance from the International Monetary Fund (IMF) and the World Bank.



The states recognized as the Heavily Indebted Poor Countries (HIPC).

- Countries qualifying for full HIPC relief.
- Countries qualifying for partial HIPC relief.
- Countries eligible for HIPC relief but not yet meeting the necessary conditions.

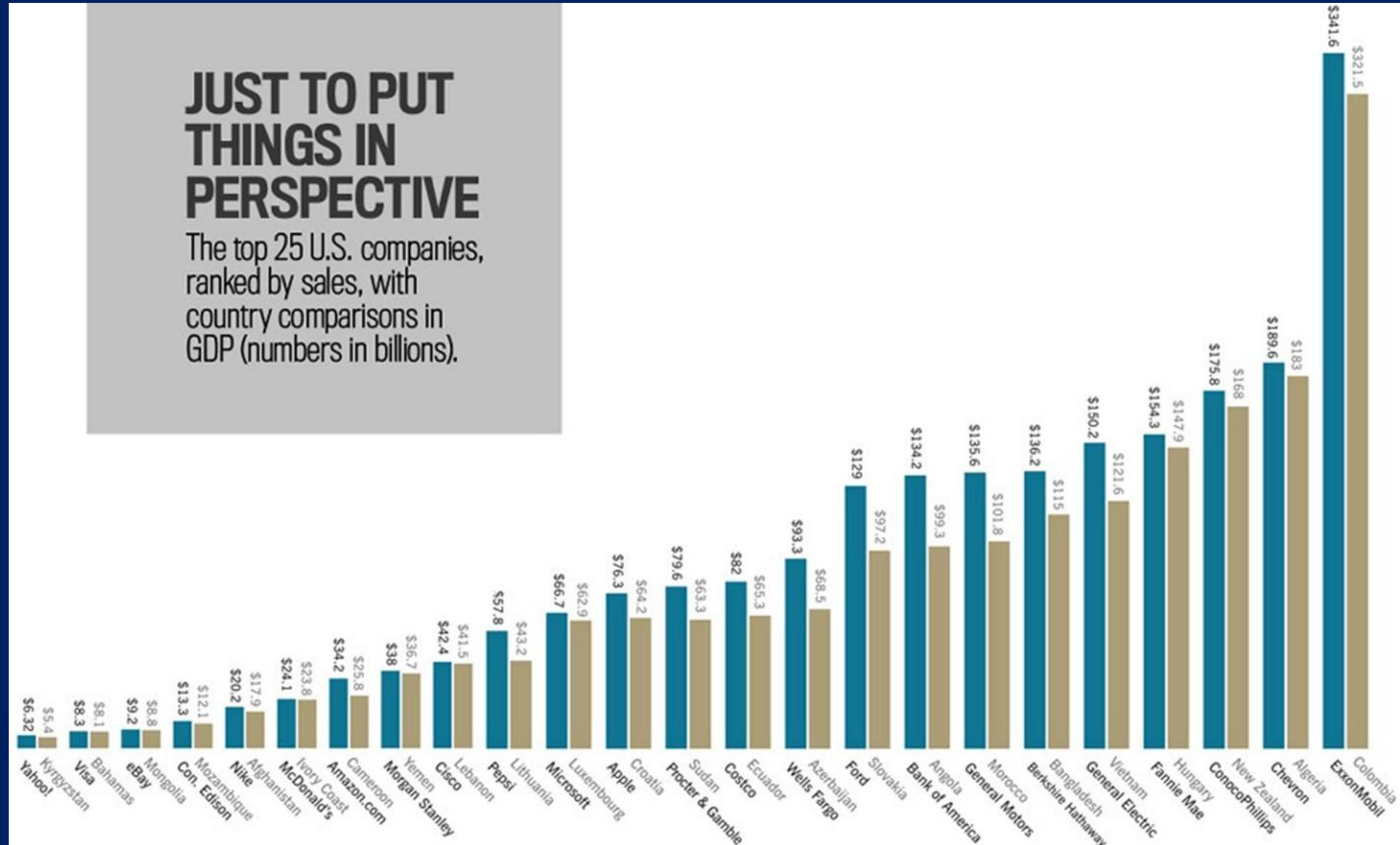
Contents [hide]

- 1 [HIPC Initiative](#)
 - 1.1 [Funding](#)
 - 1.2 [Criticism](#)
 - 1.3 [Response to criticism](#)
- 2 [See also](#)

How individual countries stack up against private corporations

JUST TO PUT THINGS IN PERSPECTIVE

The top 25 U.S. companies, ranked by sales, with country comparisons in GDP (numbers in billions).



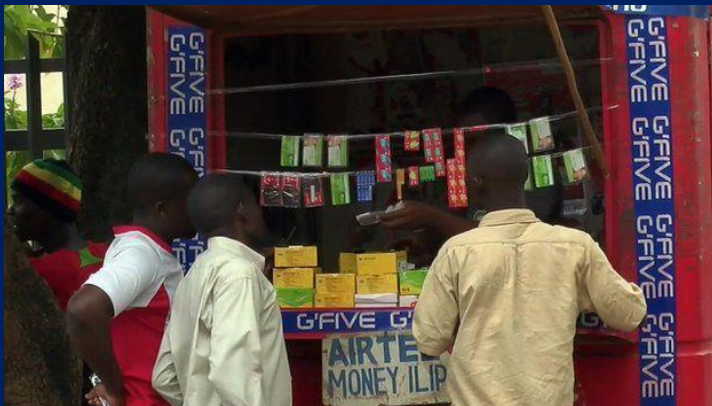
Editor's note: On Wednesday, Feb. 29, Apple announced that its market capitalization had topped \$500 billion -- giving the company a value greater than the GDP of Poland (\$469.44 billion).

Media TECH BARRIERS to Cultural Sovereignty

Mobile Phone Costs→As a Percentage of Monthly Income

World's most expensive phone costs:

- **Malawi** - **56.29%** of average monthly earnings
- **Madagascar** - **52.55%** of average monthly earnings
- **Central African Republic** - **51.63%** of average monthly earnings



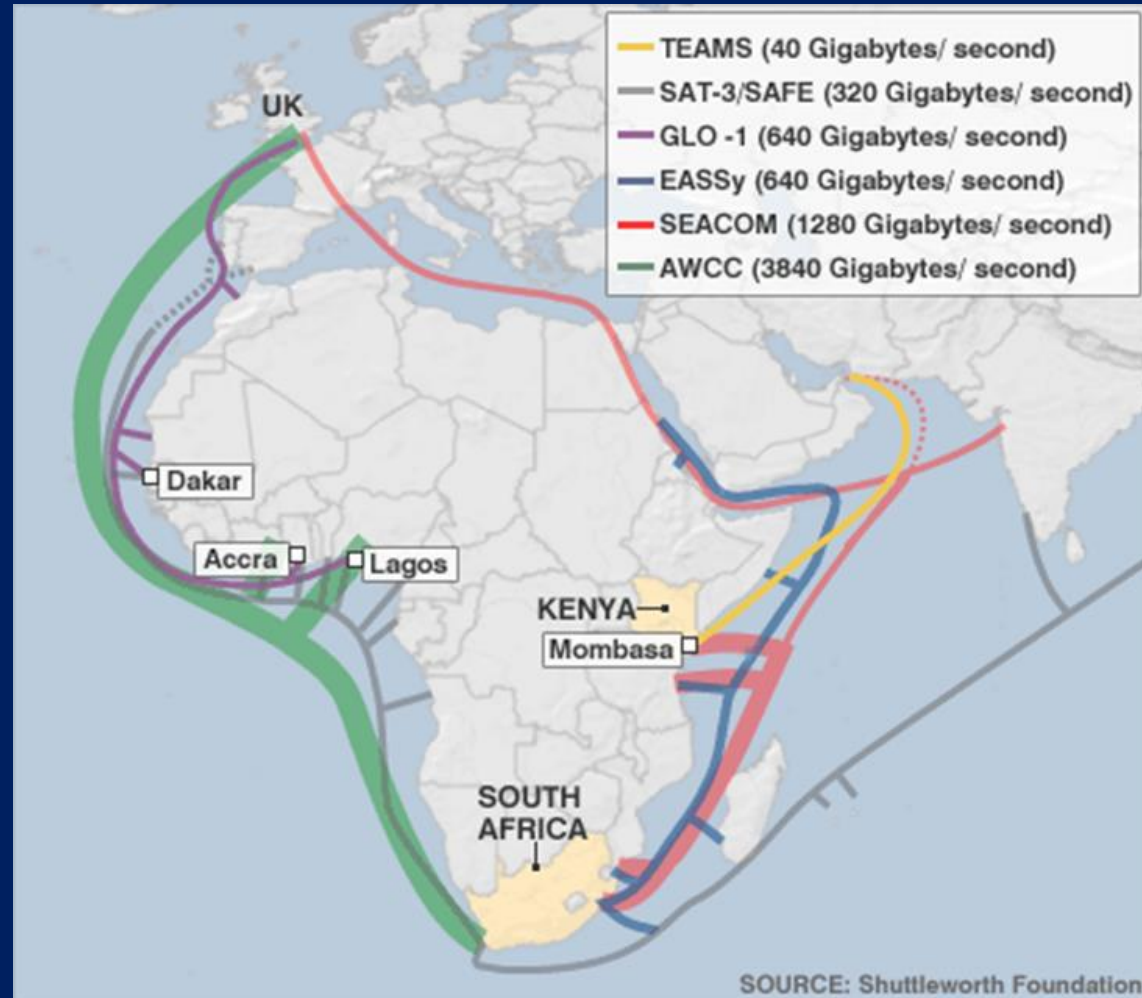
World's Cheapest phone costs:

- **Macau, China** - **0.11%** of average monthly earnings
- **Hong Kong, China** - **0.18 %** of average monthly earnings
- **Denmark** - **0.19%** of average monthly earnings

Africa: Sub Marine Cables

Of the 945 million people living on the continent, just 104 million use the internet regularly.

South Africa is currently connected to Europe and Spain through a **SINGLE** fibre-optic cable.



New Developments: Saudi Arabia & Estonia

Saudi Arabia unveils plans for 'entertainment city' near Riyadh

🕒 8 April 2017

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The new complex will be built on the edge of Riyadh (pictured)

Saudi Arabia has unveiled plans for an entertainment city on the edge of Riyadh which will be 50 times the size of Gibraltar once complete.

The 334 sq km (129 sq mile) attraction - about the same as Las Vegas - will offer cultural, sporting and entertainment activities - including a Six Flags park and a safari park.

The announcement boasts it will be the first of its kind in the world.

Could Estonia be the first 'digital' country?

Bryan Lufkin
October 2017

Estonia, the Baltic nation of 1.3m, has been pursuing a grand idea since 1997: putting their entire government online. But is the idea a grand one, or a complicated one?

futurenow

Your guide to a fast-changing world

More articles

Over the next month, we're celebrating technology and innovation in a new series called Bright Sparks. As part of the series, we're bringing back some of our favourite articles about the people and ideas that are changing the world with technology.

We've all been there: standing in an interminable queue in a stark government building, staring into space, waiting for what seems like endless hours to fill out reams of forms at the tax office or department of motor vehicles.

The **e-Estonia website** says the programme is "the evolution of the e-state".

Launched in 1997, it's let citizens file taxes online since 2000 (95% of Estonians file taxes online), and allows Estonians to obtain medical prescriptions and test results, sign documents, even vote and allow foreigners to become e-residents, all online.

"Today, the information is stored inside the country," says Anna Piperal, a spokesperson for e-Estonia. "But we are working on a governmental cloud that will be backed up in Estonian embassies around the world."

e-Estonia pumps out technical roles to support the system

And they're not alone. Finland, Japan and Cyprus have all taken cues from Estonia, either working with Estonian companies to build e-tax platforms in their own countries, for example, or borrowing the Estonian ID card system, which assigns each citizen a **catch-all ID** that can be used for purposes ranging from social security to voting to disaster response.

"The country has made more progress than any other," says Darrell West, vice president and director of governance studies at the Brookings Institute think tank in Washington DC.

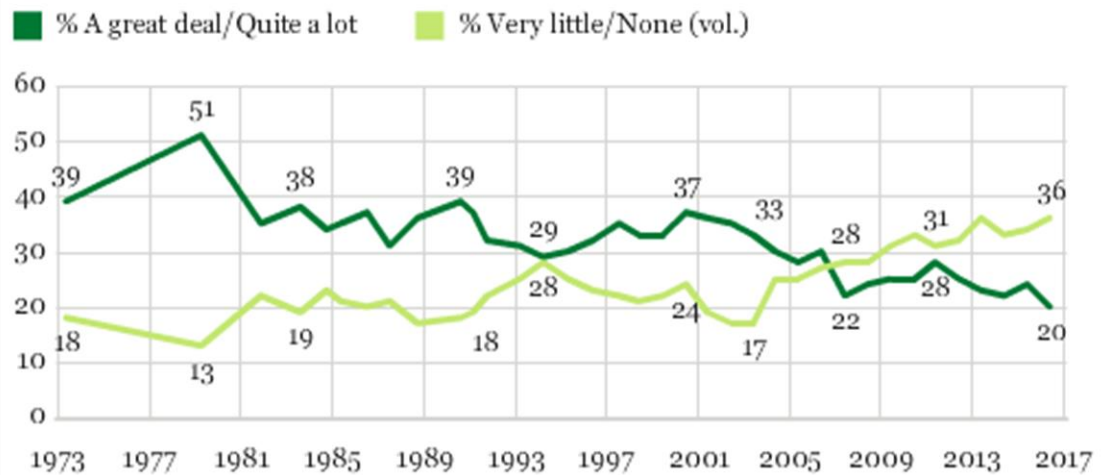
Mistrust of the News Media

■ Fear or Hatred of "The Media."

■ "Untrustworthy"

1. Politically partisan news
2. Sensationalized
3. "Dangerous" Ideas
4. Disconnected:
 1. Does not reflect ME
 2. Geographic focus
 3. Subjective POVs
 4. "Relevance"
 5. Trivializing
 6. Traumatizing
 7. Condescending
5. Too Little Time.

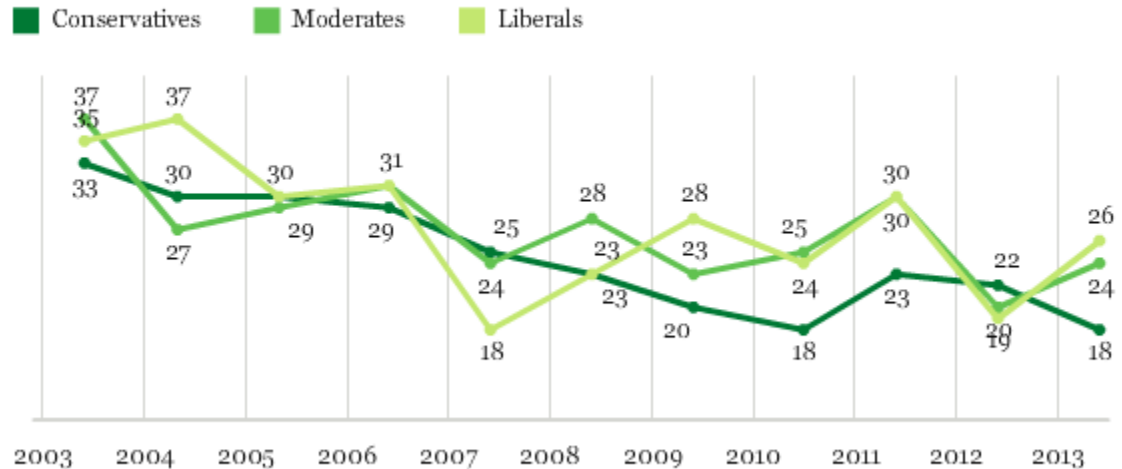
Americans' Confidence in Newspapers, 1973-2016



GALLUP

Americans' Confidence in Television News by Ideology, 2003-2013 Trend

% Who have "a great deal"/"quite a lot" of confidence



GALLUP