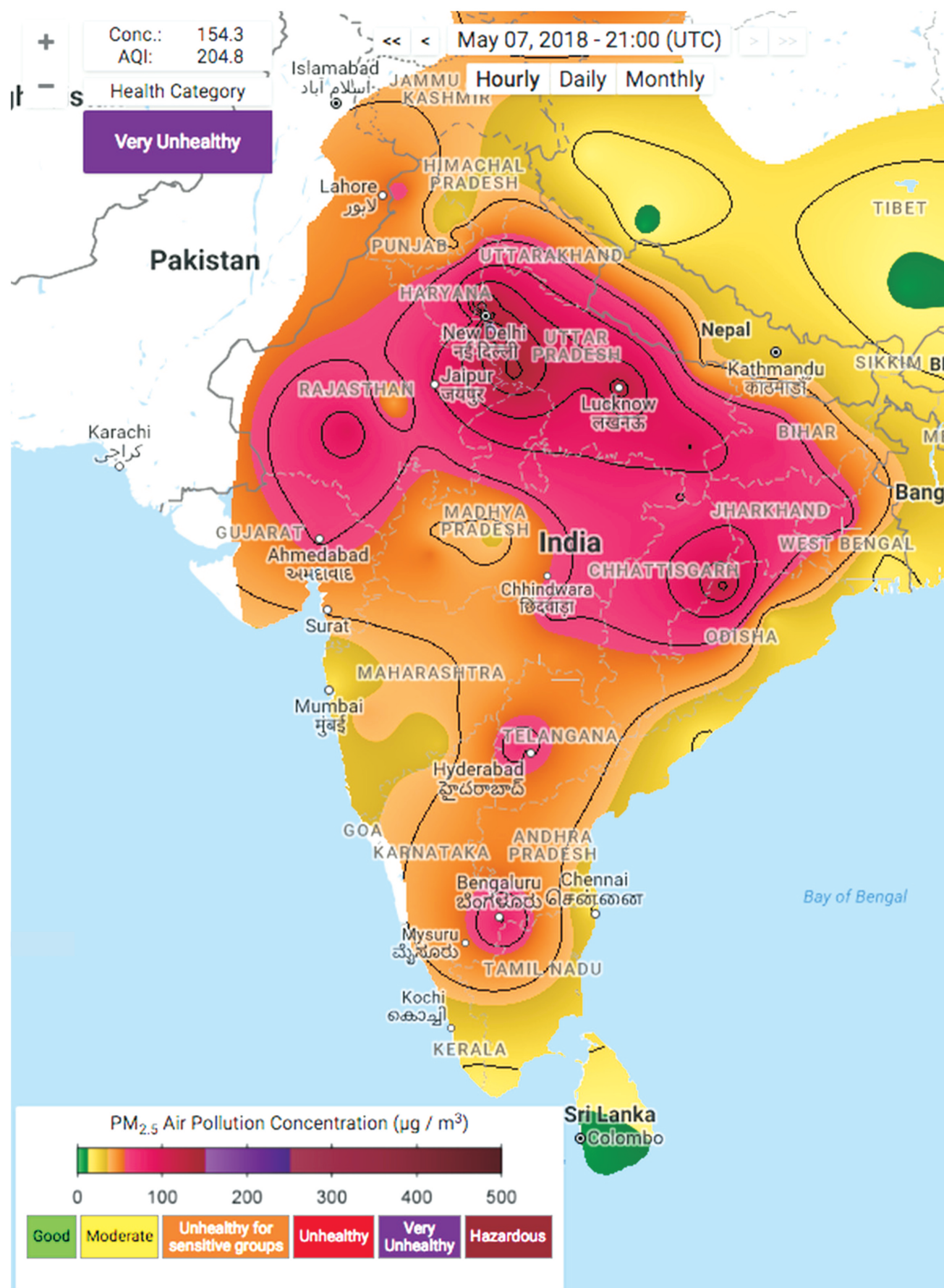
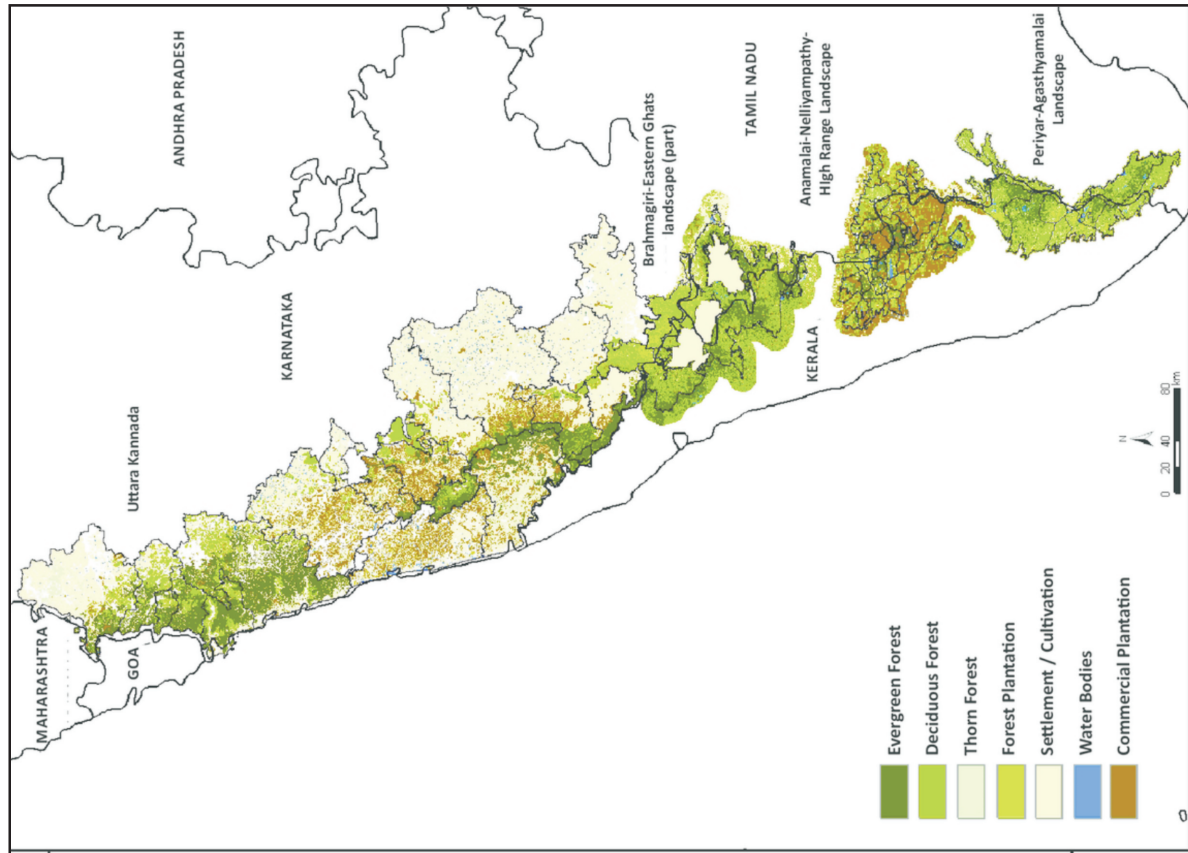
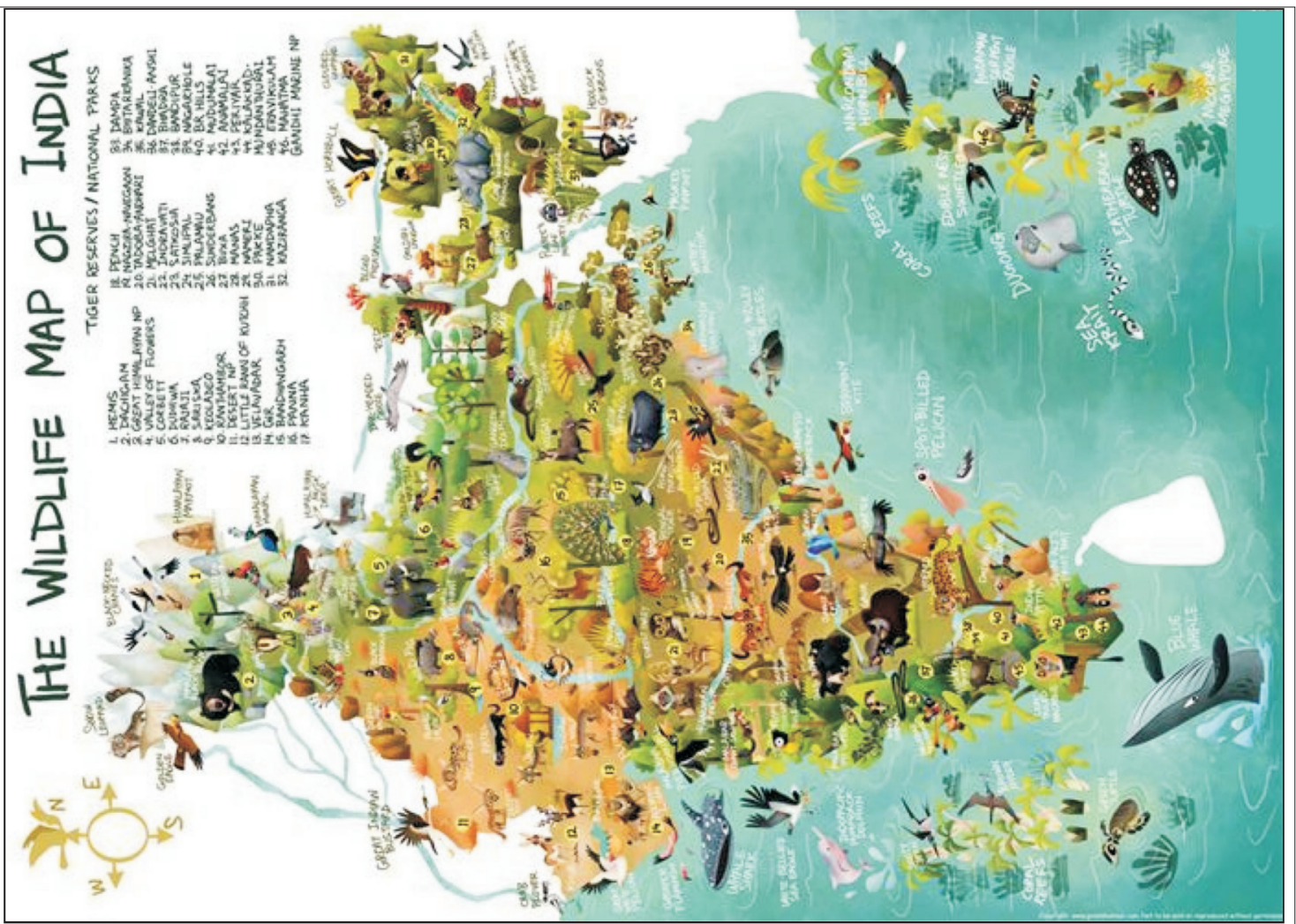
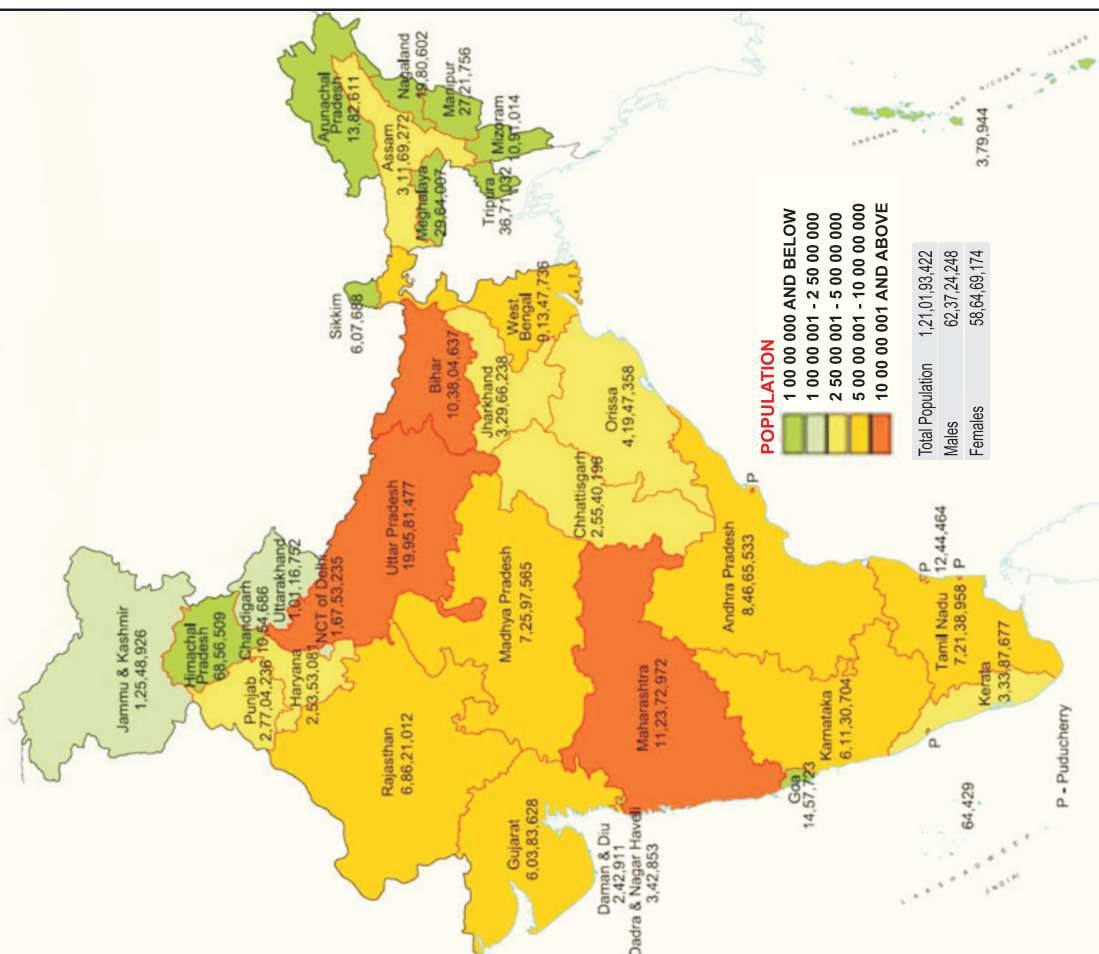






Population Map of India 2018



Forests on FIRE

Over 10,634 incidents of forest fire have been reported between April 1 and May 2, 2016. This is five times more than what was reported during the same period last year

● Number of forest fires between April 1 and May 2, 2016

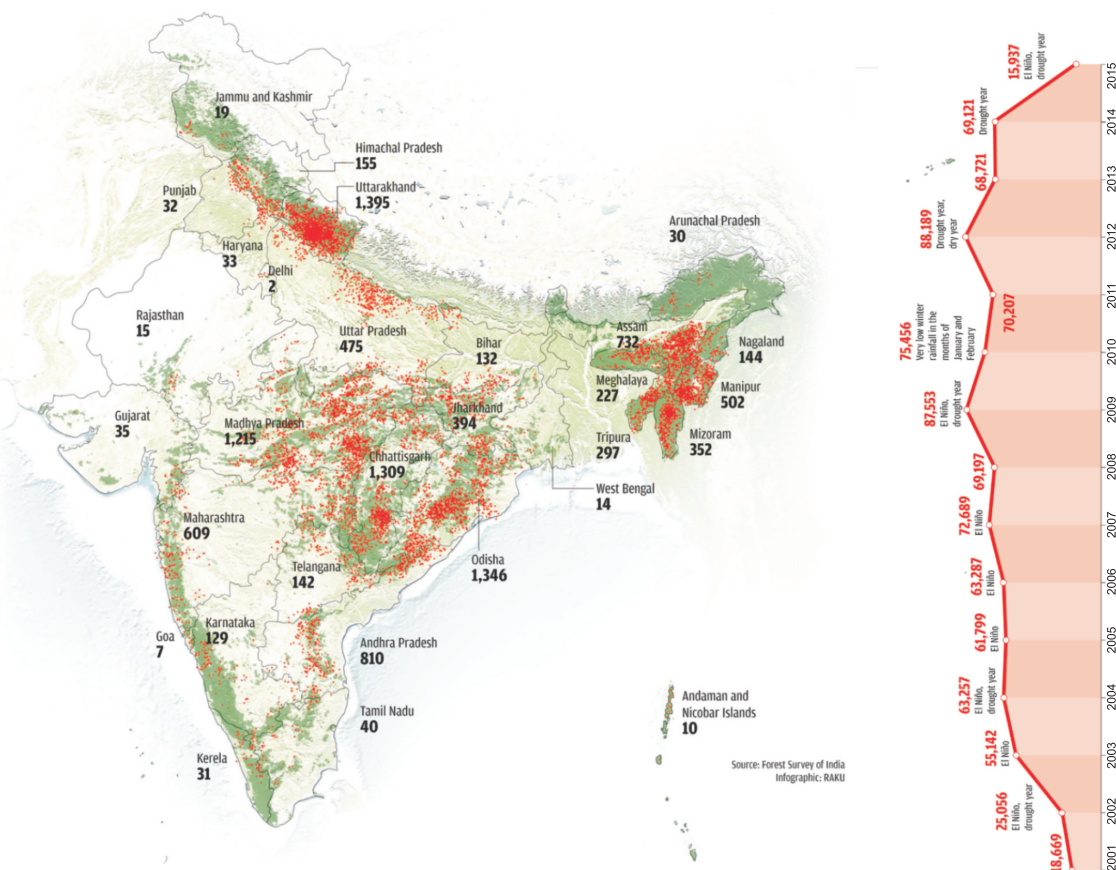
■ Forest areas in India

50 per cent
of forests in India are
vulnerable to fire

₹440 cr
is India's annual loss due
to forest fires

Burning red

Cases of forest fires over the years



STATE OF RIVER POLLUTION

30% sites have polluted water

Of the 222 sites monitored by the Central Water Commission for water quality between 2012-13 and 2016-17, water quality at 67 locations was beyond the permissible limits. Out of the 67 sites, 14 sites fell in category I (severely polluted) and 12 sites fell under category II. This excludes Ganga and Brahmaputra, the two most important and polluted river basin systems

What is Biochemical Oxygen Demand (BOD)

The amount of dissolved oxygen that must be present in water in order for microorganisms to decompose the organic matter in the water. It is used as a measure of the degree of pollution. The BOD value is most commonly expressed in milligrams of oxygen consumed per litre (mg/L). If the BOD level is higher than 3mg/L, it is unfit for drinking

THE OTHER STORIES

Rivers in distress | River pollution is threatening the supply of clean water to over 650 cities

275 rivers

are polluted out of the monitored 445 rivers. It was 121 in 2009

302

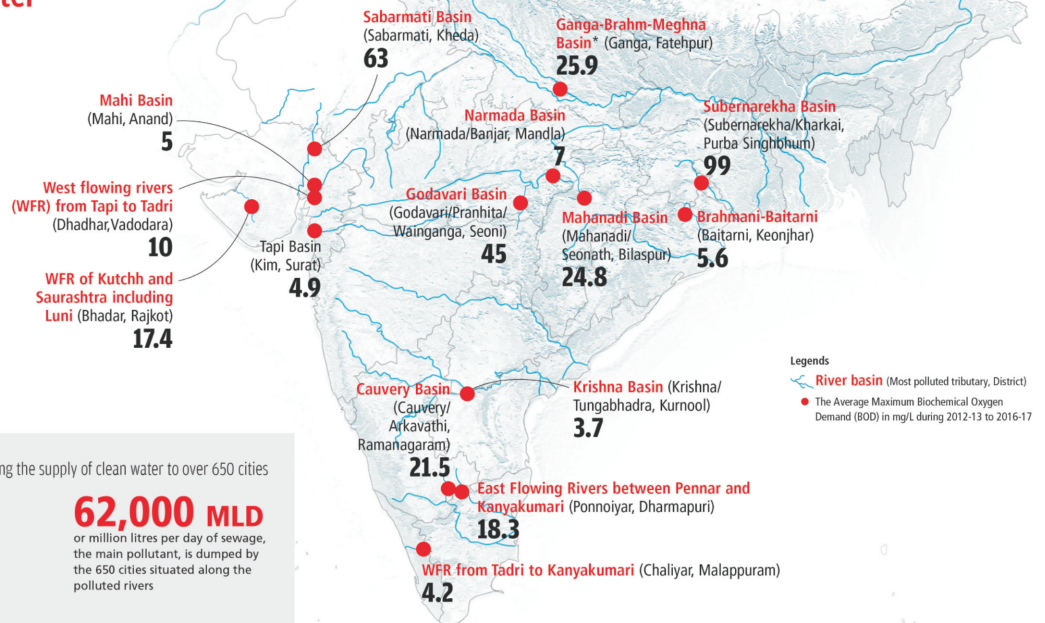
the number of polluted river stretches. It was 150 in 2009

62,000 MLD

or million litres per day of sewage, the main pollutant, is dumped by the 650 cities situated along the polluted rivers

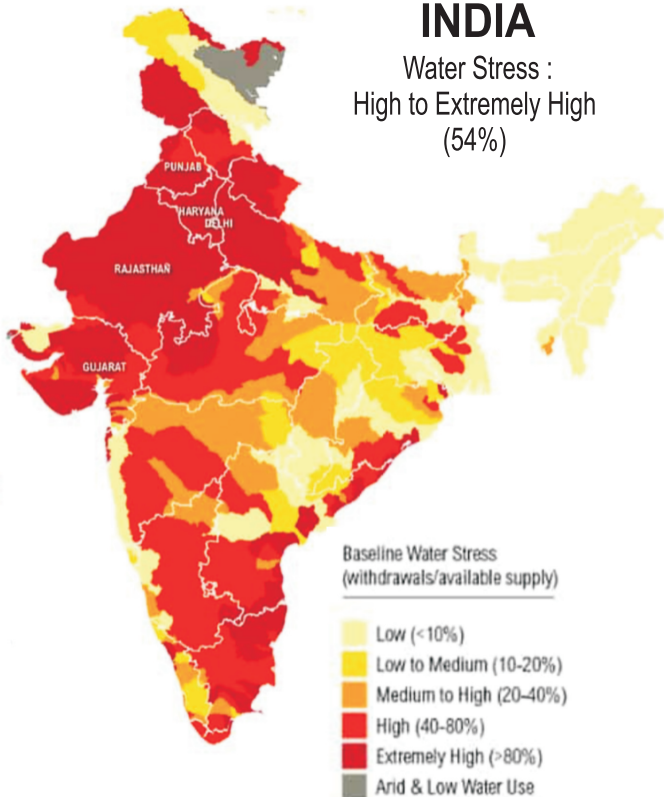
Polluted lifeline

Subernarekha and Sabarmati river basin systems registered the highest BOD levels



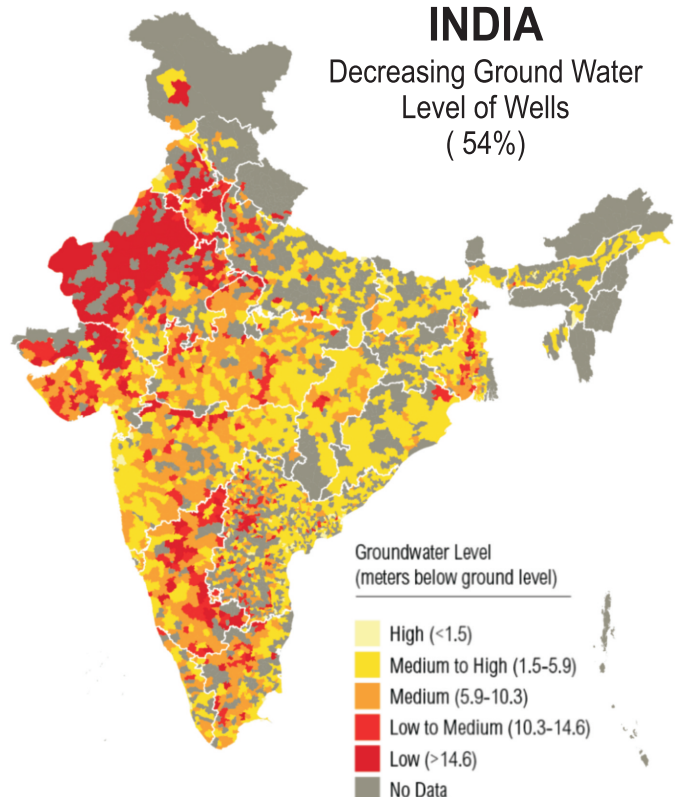
INDIA

Water Stress :
High to Extremely High
(54%)



INDIA

Decreasing Ground Water
Level of Wells
(54%)

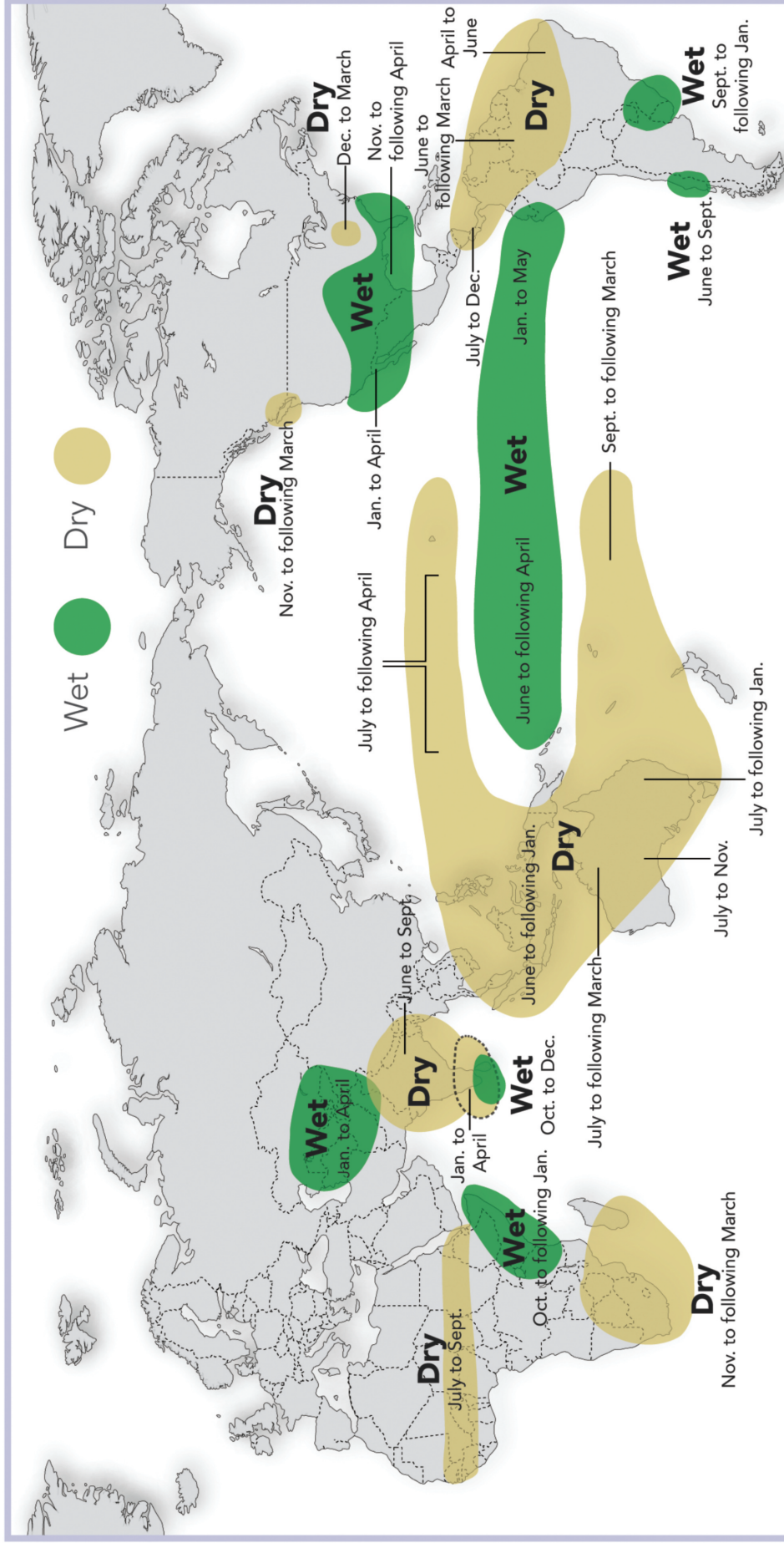


THE LITERAL TRANSLATION OF COUNTRY NAMES



El Niño and Rainfall

El Niño conditions in the tropical Pacific are known to shift rainfall patterns in many different parts of the world. Although they vary somewhat from one El Niño to the next, the strongest shifts remain fairly consistent in the regions and seasons shown on the map below.



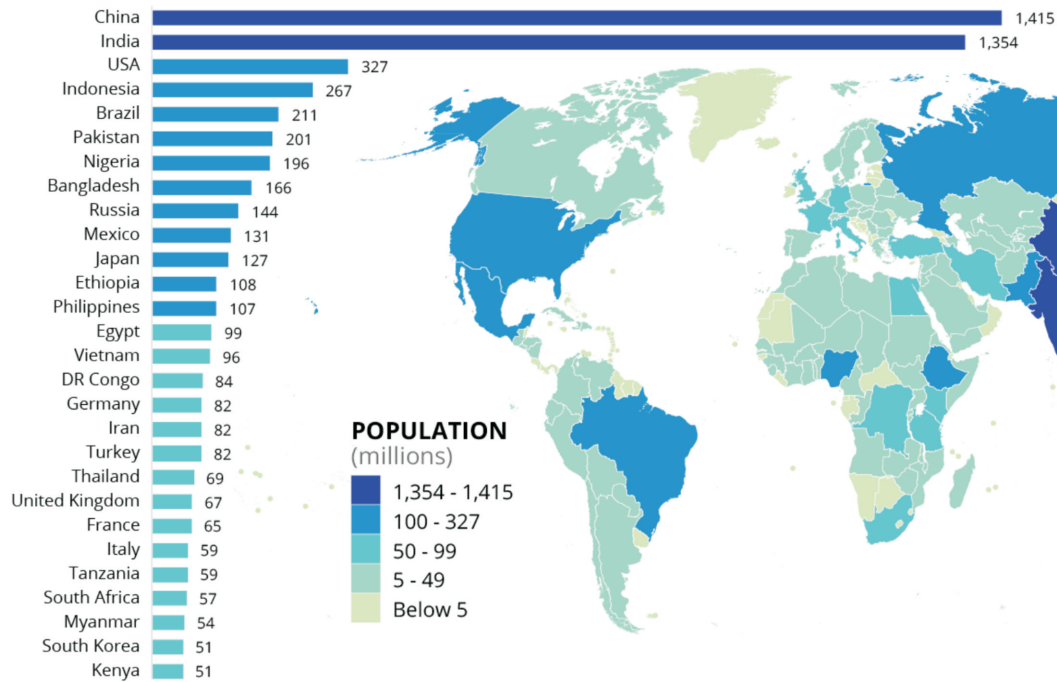
For more information on El Niño and La Niña, go to: <http://iri.columbia.edu/enso/>

Sources:

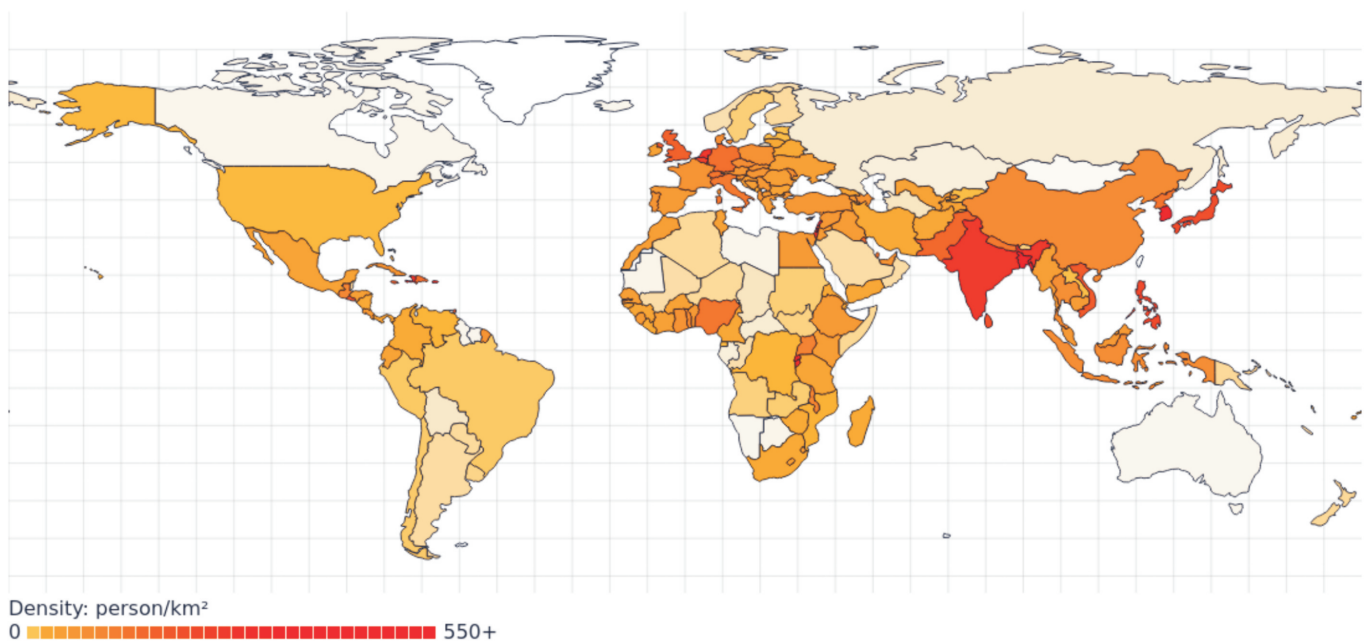
1. Ropelewski, C. F., and M. S. Halpert, 1987: Global and regional scale precipitation patterns associated with the El Niño Southern Oscillation. Mon. Wea. Rev., 115, 1606-1626;
2. Mason and Goddard, 2001. Probabilistic precipitation anomalies associated with ENSO. Bull. Am. Meteorol. Soc. 82, 619-638

POPULATION 2018

Largest countries by population (millions)

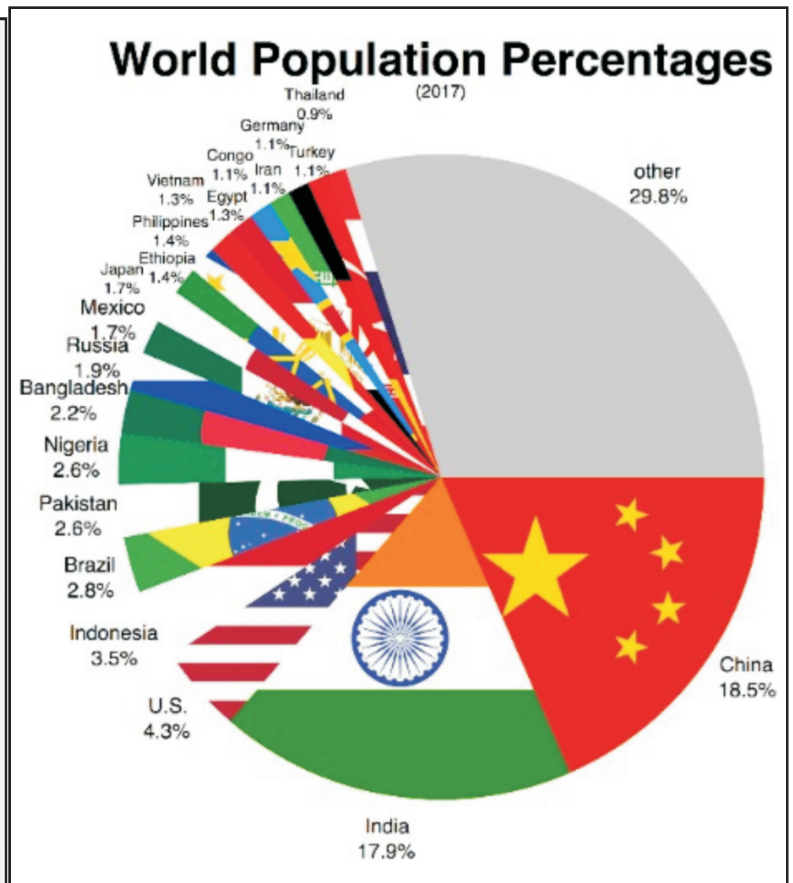
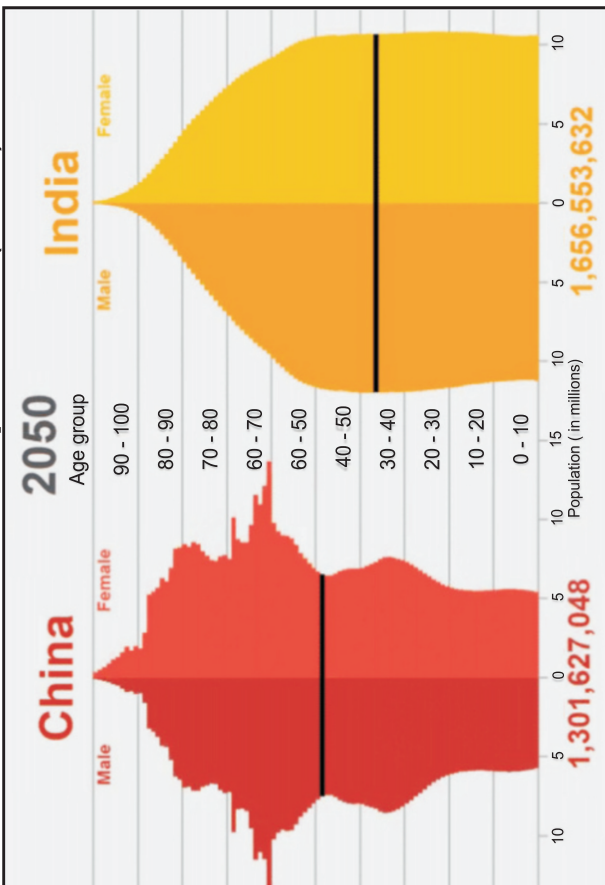


2017 Population Density



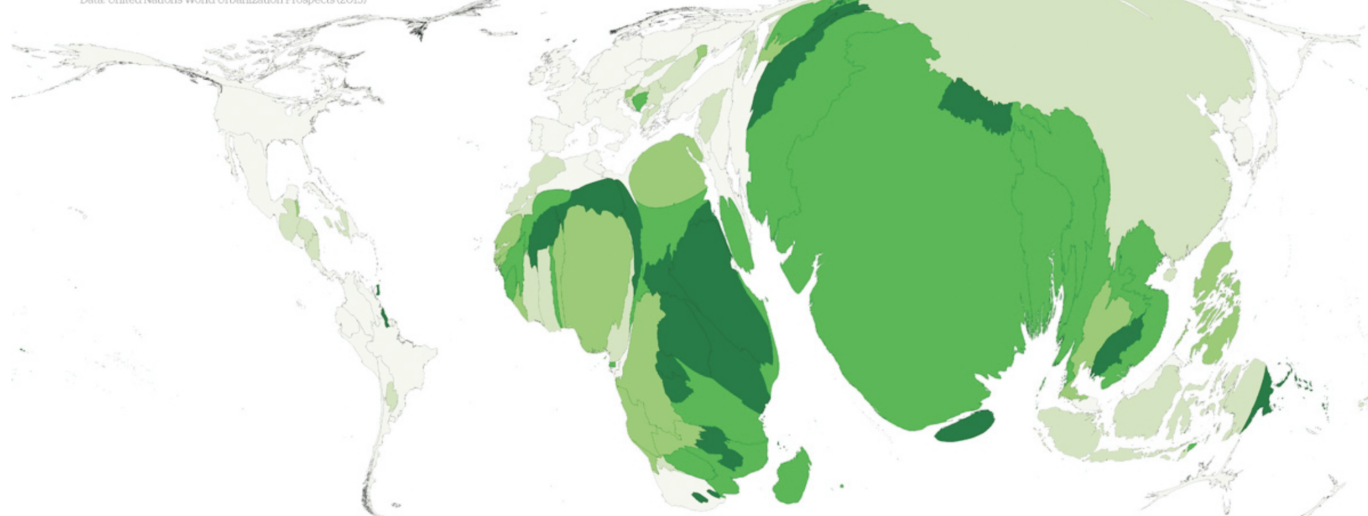


Prediction of Population (2050)

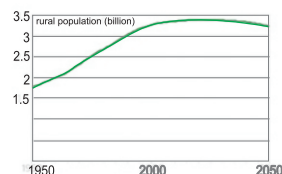
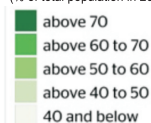


Country File Mapping rural-to-urban migration

Data: United Nations World Urbanization Prospects (2019)



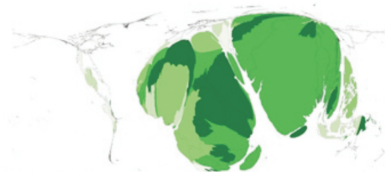
Share rural population (% of total population in 2016)



Global rural population development



Rural population decline between 1950 and 2050



Rural population increase between 1950 and 2050

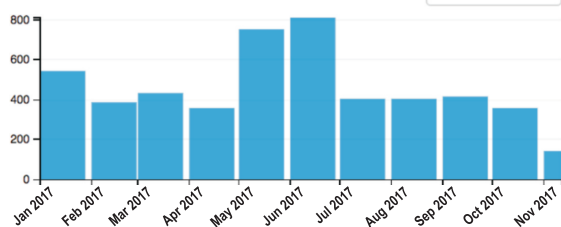
5,014 missing/dead migrants

For time period 01/01/2017 – 11/12/2017

Number of deaths over time

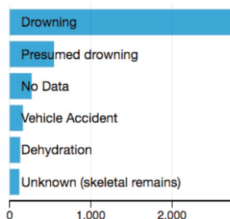
Current filter:

Animate graph



Cause of death

Current filter:



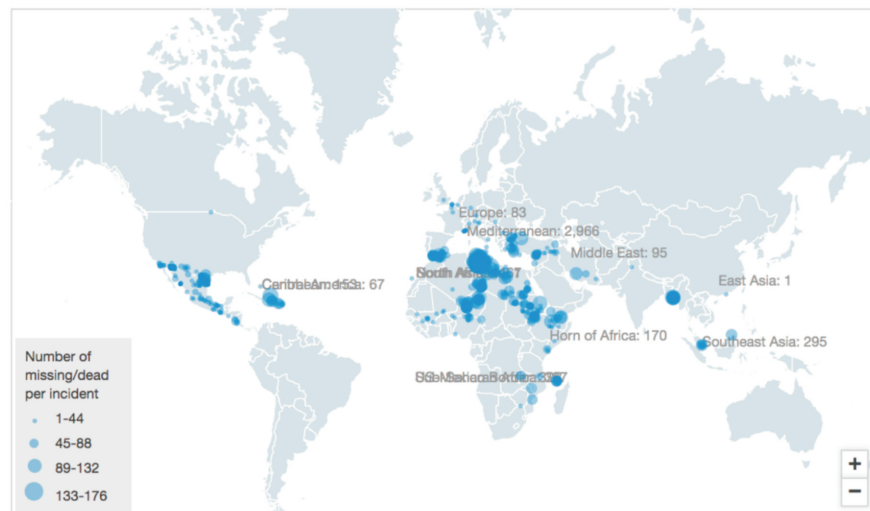
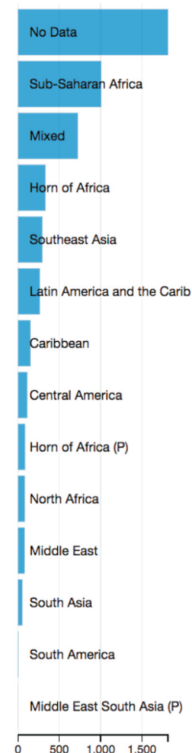
Region of Incident

Current filter:



Region of Origin

Current filter:



Automatic fabric weaving looms
textile industry india



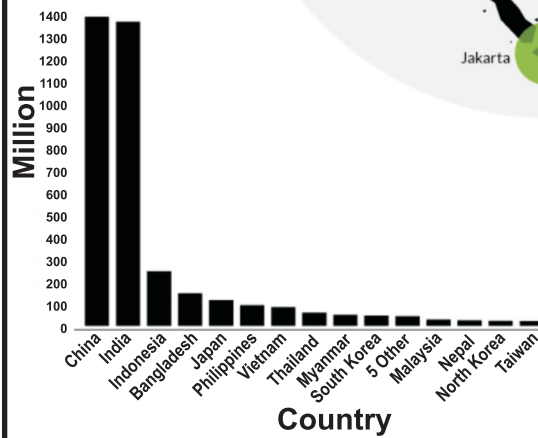
Handmade cloth industry



Megacities

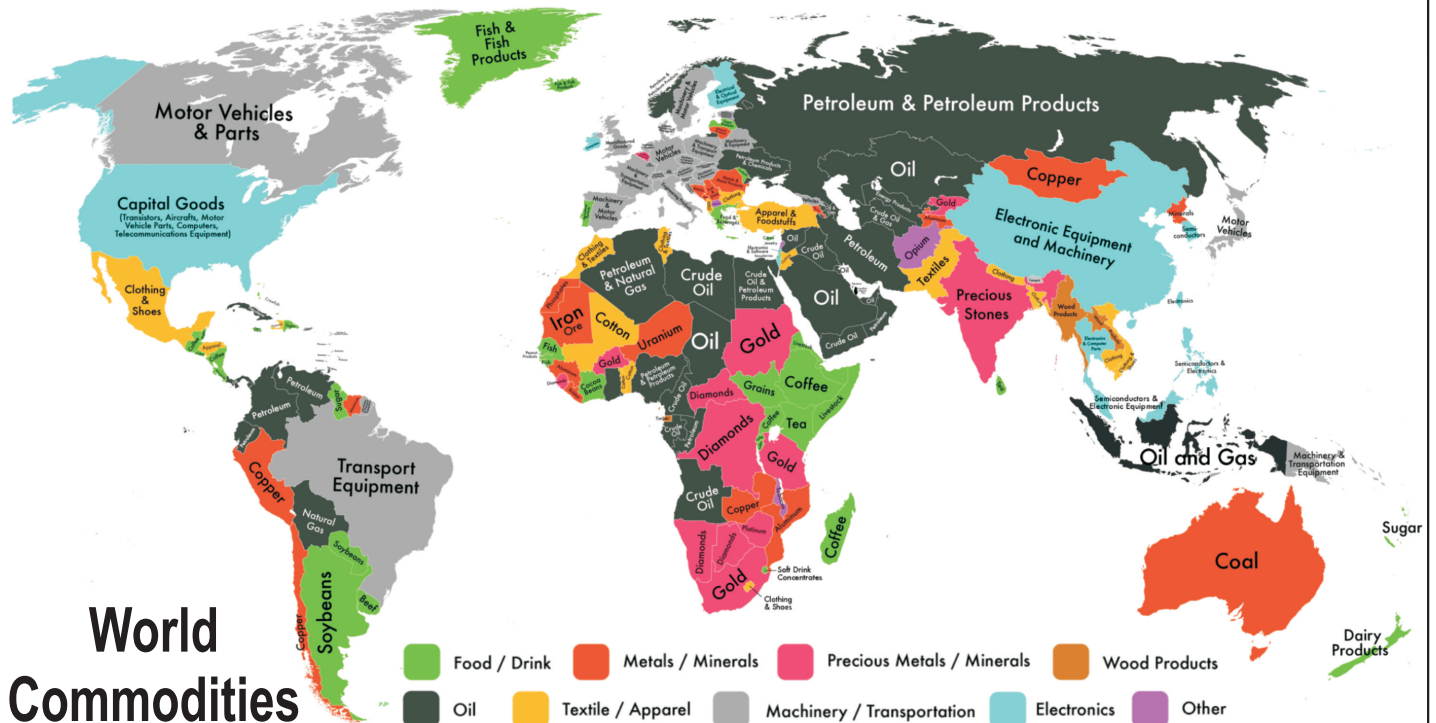
This circle contains 22 of the world's 37 megacities, which each hold at least 10 million people.

City Size
(in millions)

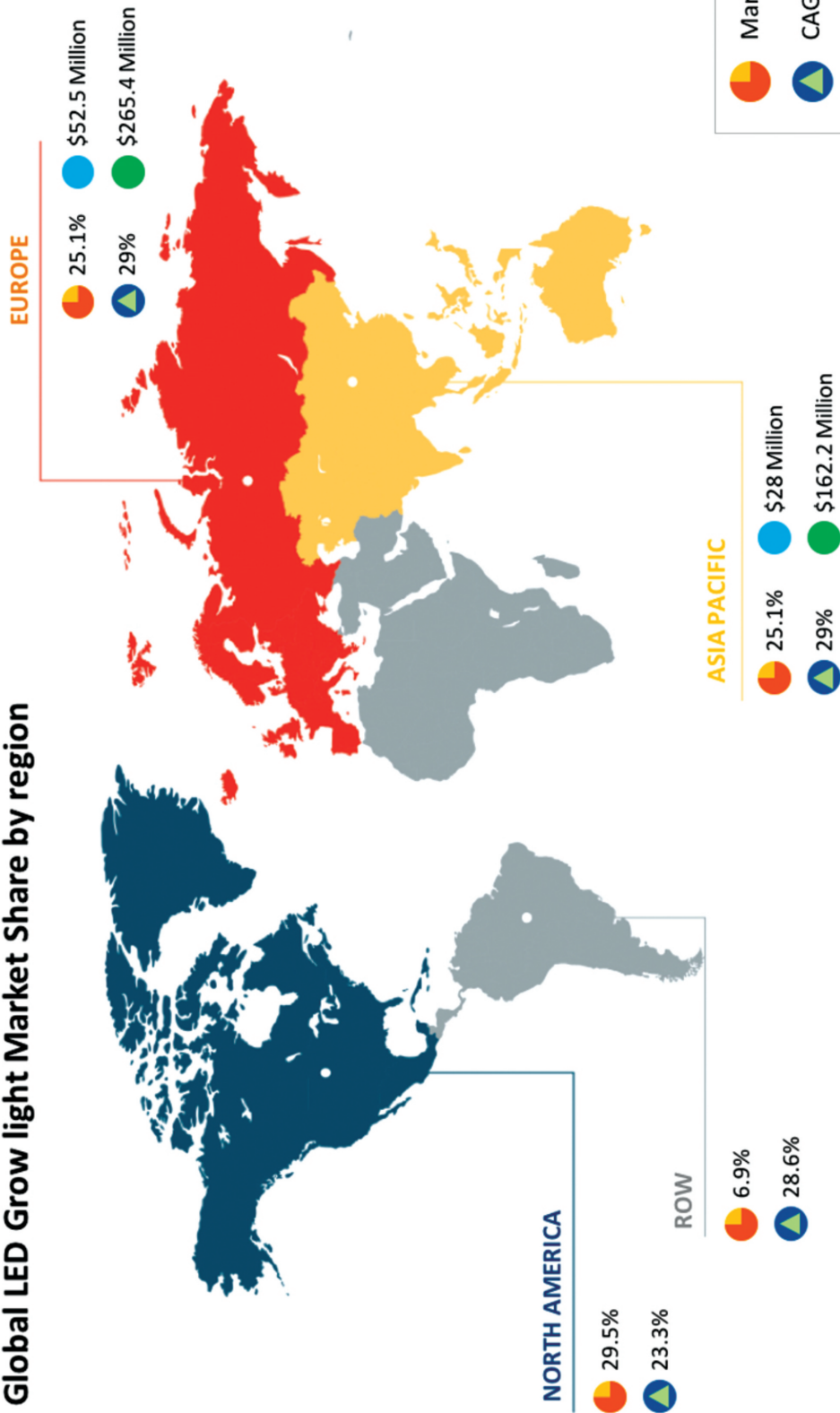


These 19 countries
represent more than half
of the world's population.

= (3,777,580,230)

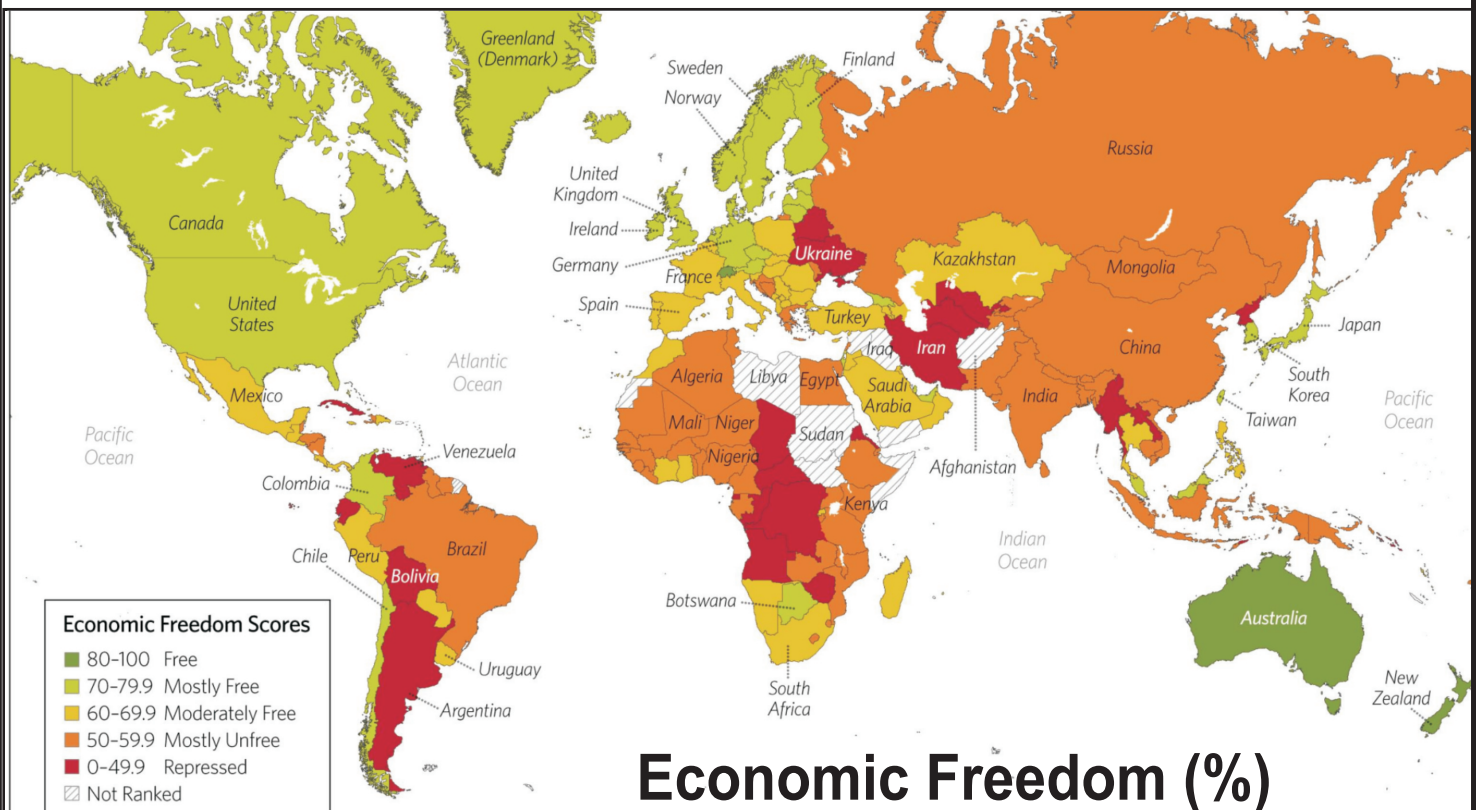
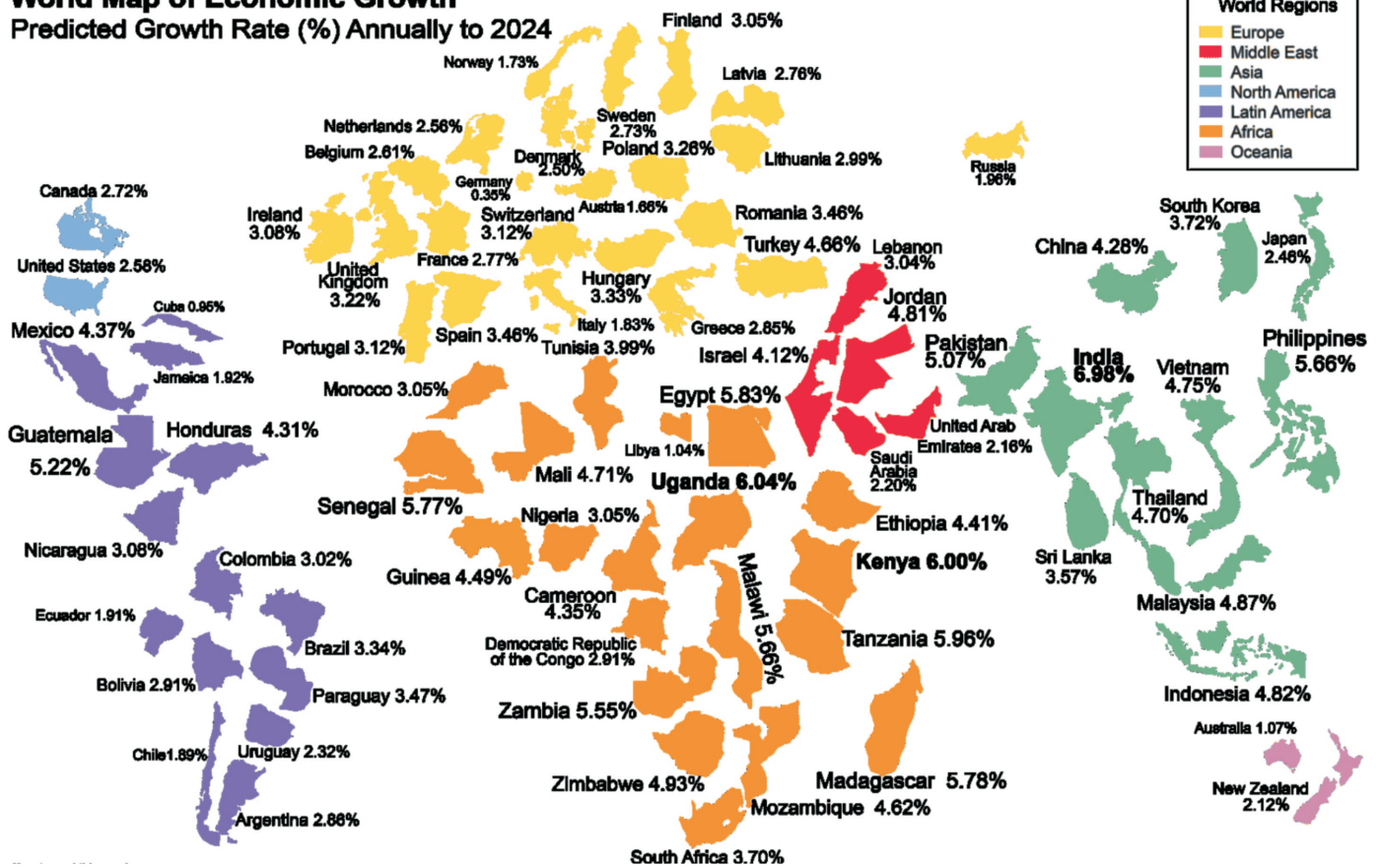


Global LED Grow light Market Share by region

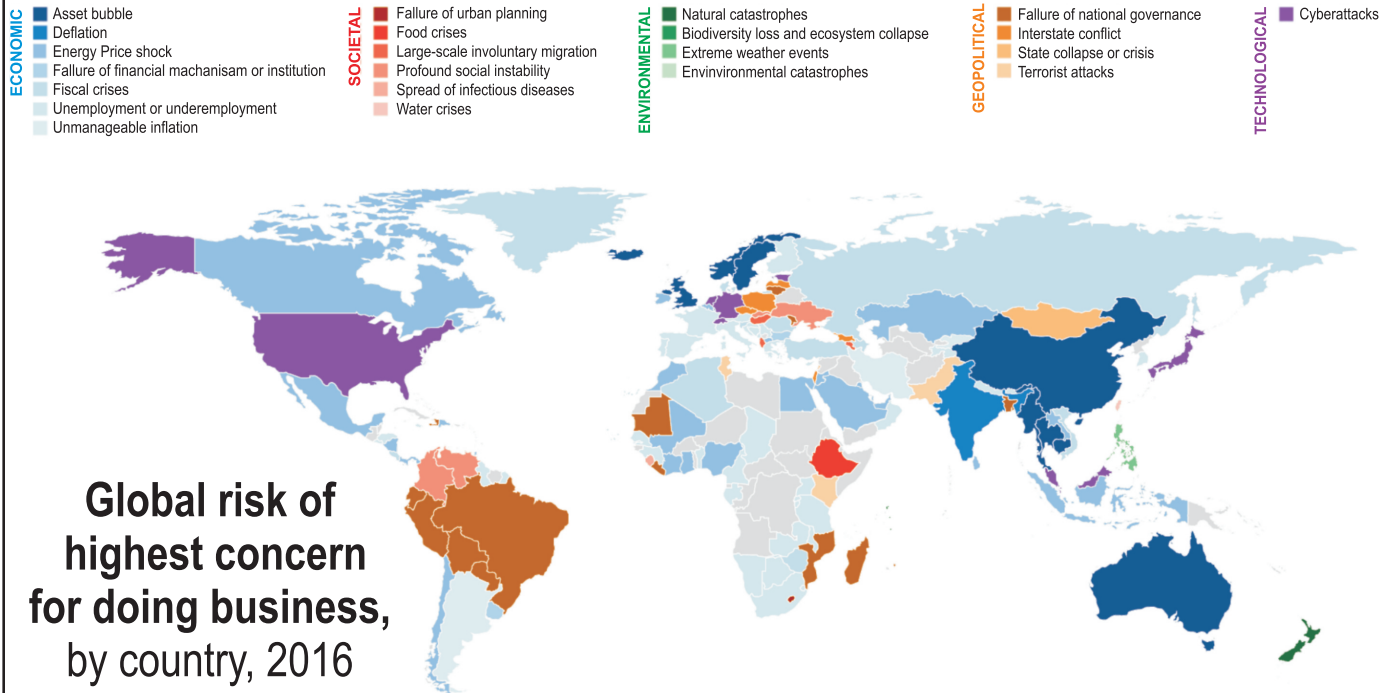


Sources: The U.S. Department of Agriculture, International Artificial Grow Light Association, International Society of Optics and Photonics (SPIE) Company Annual Reports, Investor Reports, Investor Presentations, Expert's Interviews, Industry Journals, Magazines, and MarketandMarkets Analysis.

World Map of Economic Growth Predicted Growth Rate (%) Annually to 2024

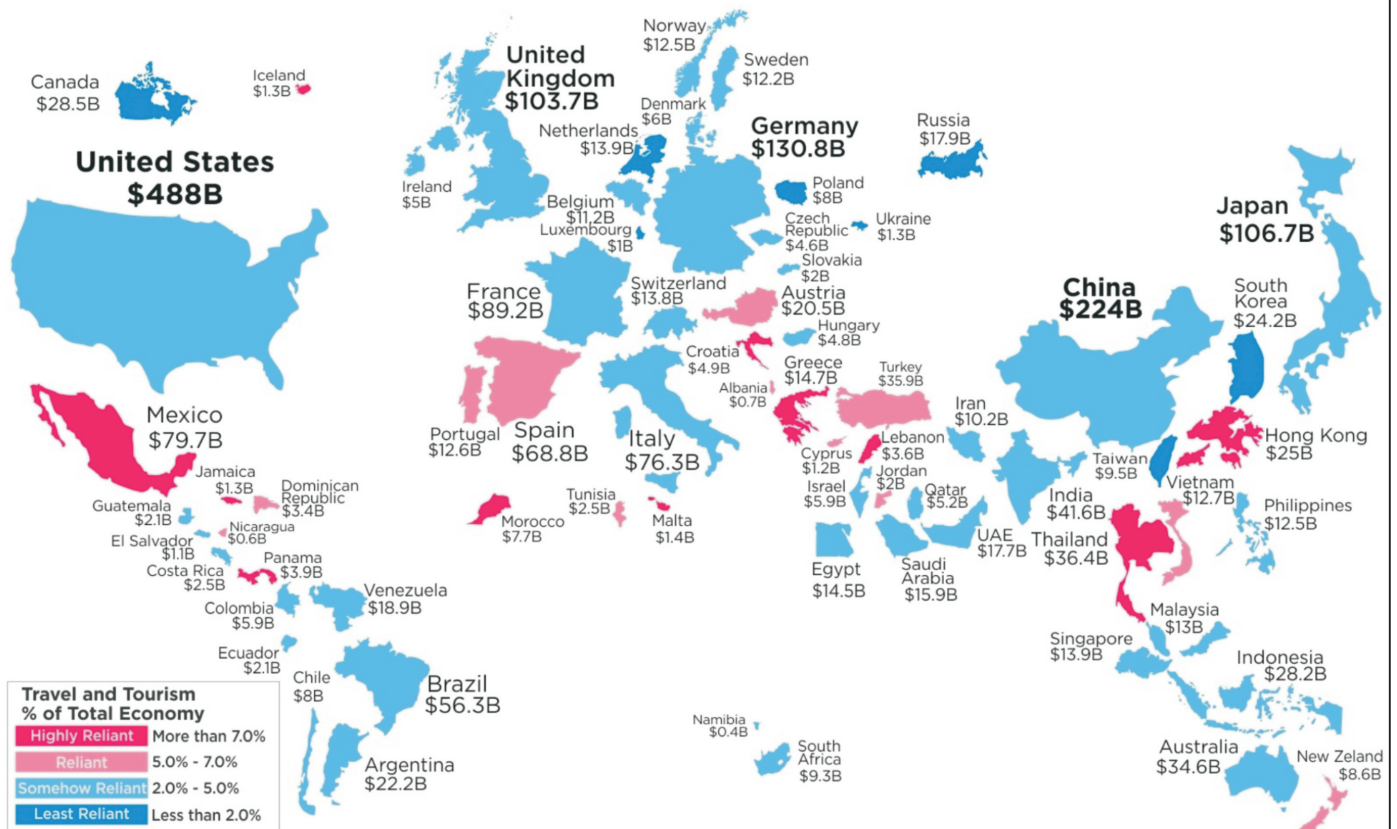


Economic Freedom (%)



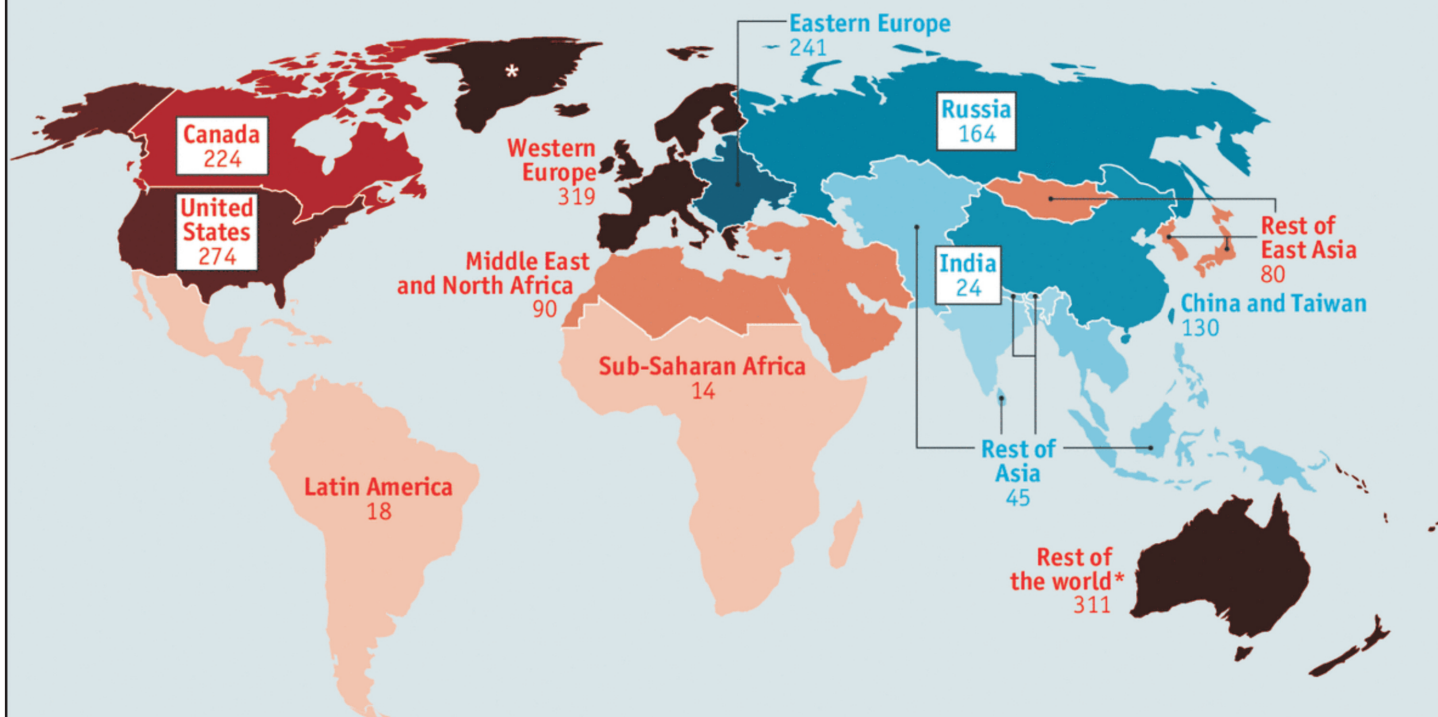
The Travel & Tourism Economy (2017)

Which Countries are Most Dependent on the Travel Industry?



It's an ill wind

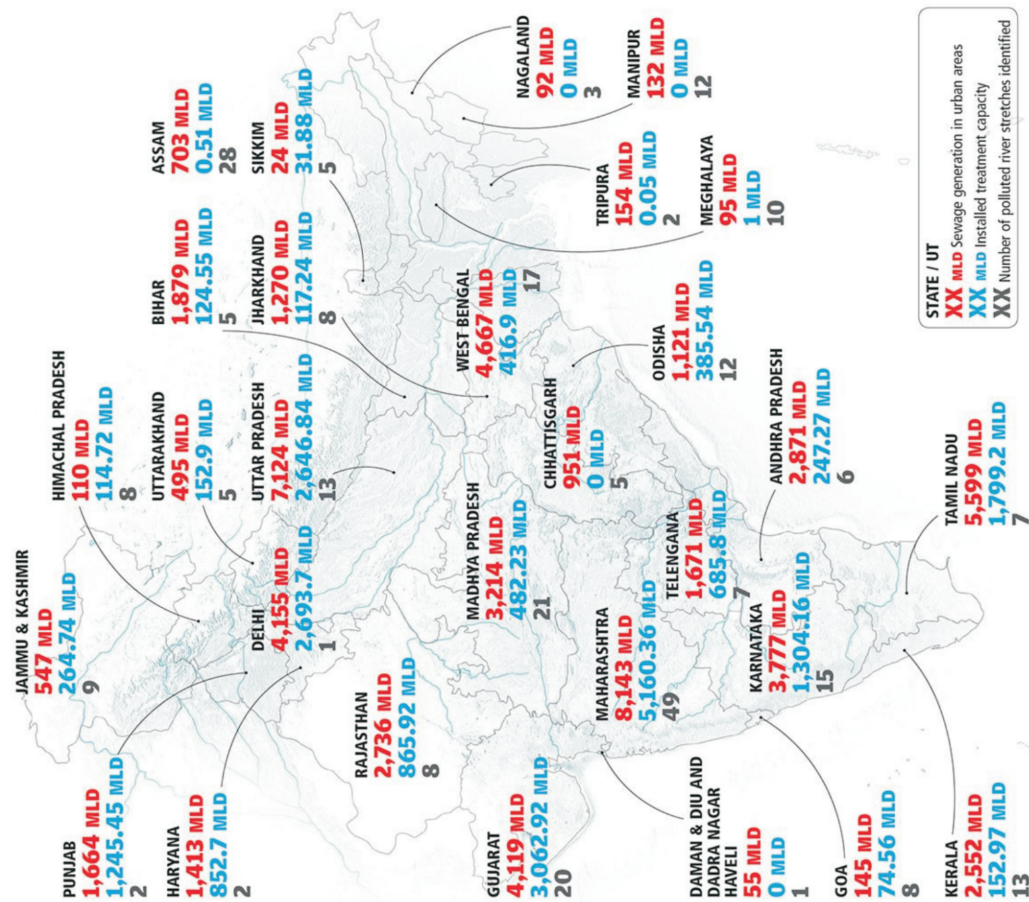
Deaths caused by pollution, net exported/imported
Per million residents, 2007

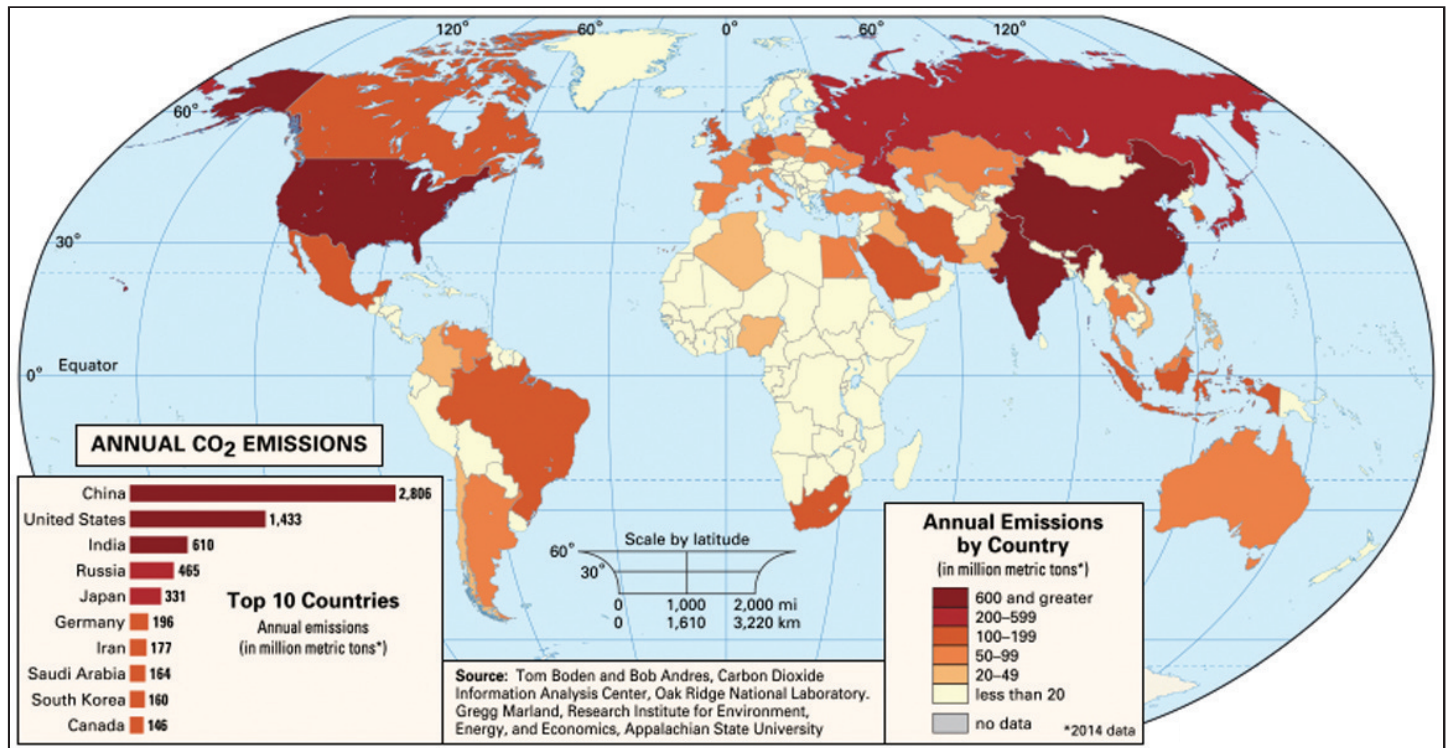


*"Rest of the world" includes Greenland

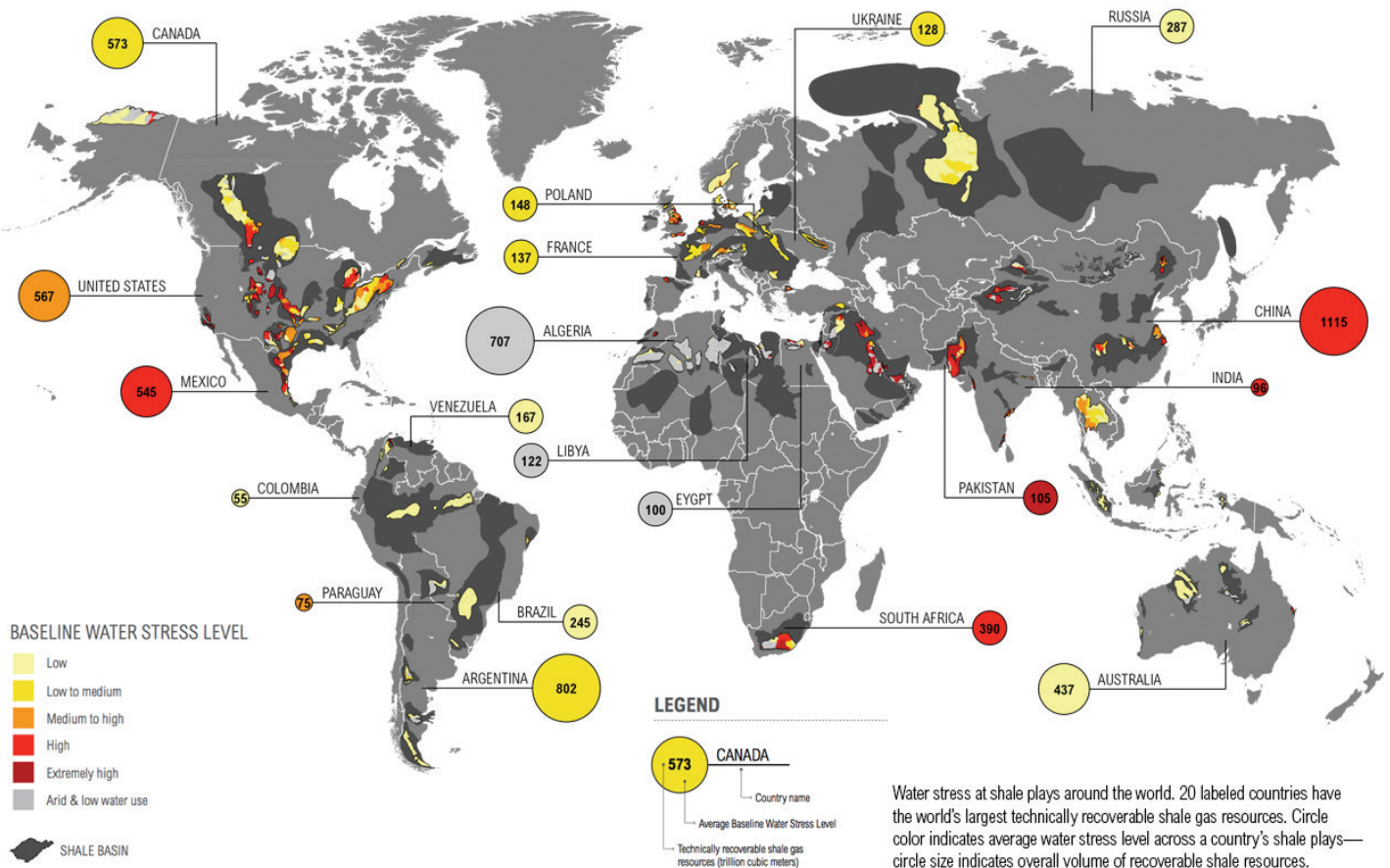
Extent of contamination

Spending enormous money, creating awareness and building sewage treatment plants have not helped cleanse India's polluted river stretches. The estimated polluted riverine length is 12,363km, about 5 times the length of Ganga main stem





Location of World's Shale Plays, Volume of Technically Recoverable Shale Gas in the 20 Countries with the Largest Resources, and the Level of Baseline Water Stress



The world: 4°C warmer

No one knows exactly what this world will look like, but models provide insights into forced human migrations and our future power generation

