

International Energy Statistics

These reports contain international energy production and consumption data from 1990-2014. Additional datasets were merged to include UN population data and UN human development index (HDI) data.

The units for all energy types were standardized to terajoules.

The data presented here was extensively processed for use in these sample reports and is only for demonstration purposes. It should therefore not be assumed to be correct or true to the original data sources.

Data sources:

[UN energy data](#)

[UN population data](#)

[UN HDI data](#)

Energy Transaction

consumption

exports

imports

production

Energy type

Biofuels and Waste

Coal

Electricity and Heat

Natural Gas

Nuclear Electricity

Oil

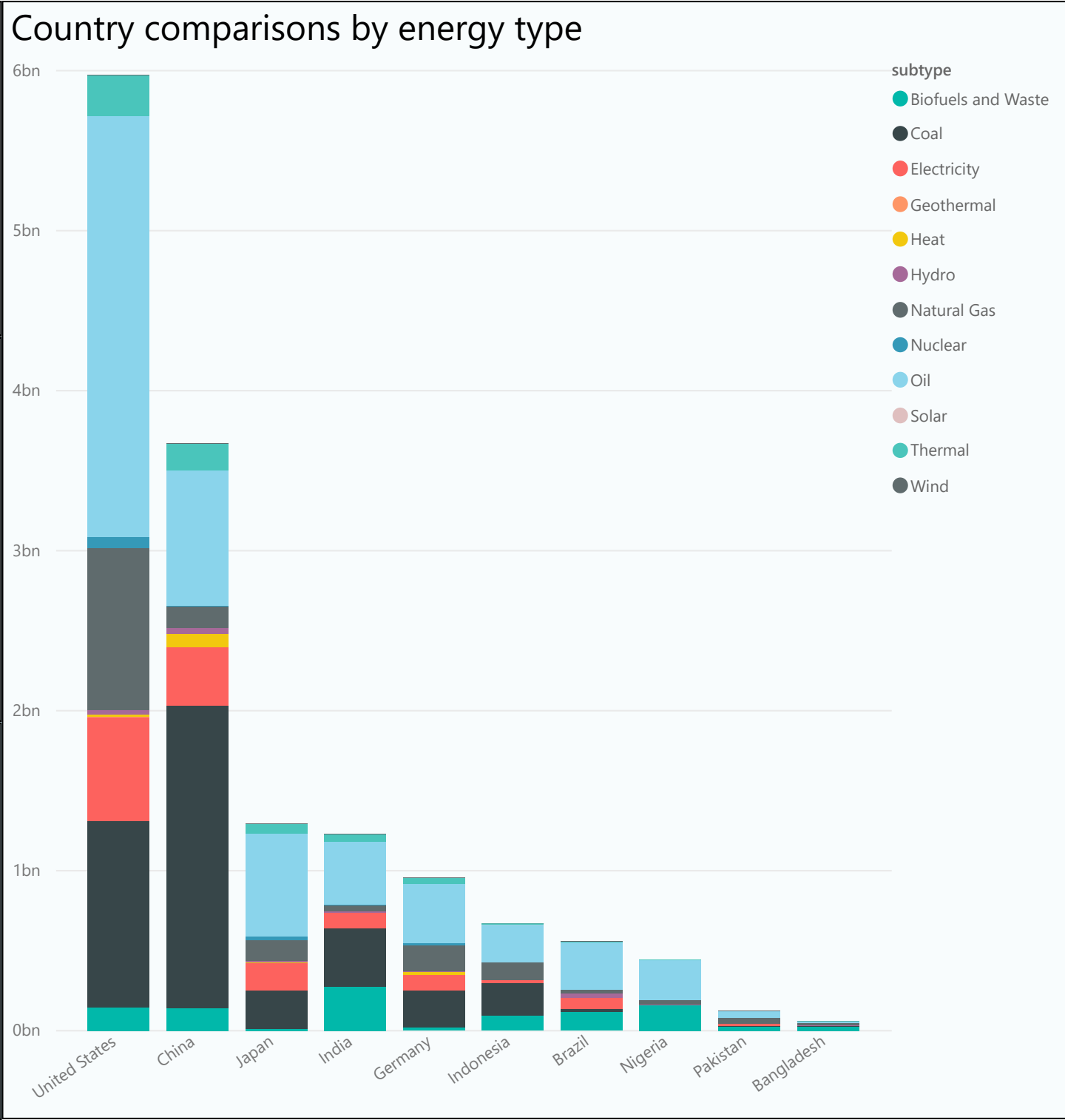
Primary Electricity, Renewable

Thermal Electricity

year

1990

2014



Population and Human Development Index

country	population	HDI
China	1,364,270,000	0.74
India	1,238,887,000	0.62
United States	318,563,456	0.92
Indonesia	252,164,786	0.68
Brazil	202,768,562	0.75
Pakistan	188,020,000	0.55
Nigeria	181,403,148	0.52
Bangladesh	156,880,000	0.58
Japan	128,063,676	0.90
Germany	82,520,176	0.93
Total	1,364,270,000	0.93

Energy transaction and quantity

country	transaction	quantity (TJ)
United States	production	3,630,743,965
China	production	2,455,436,324
United States	consumption	1,465,274,702
China	consumption	957,261,391
India	production	710,528,311
United States	imports	693,330,296
Japan	imports	551,923,797
Germany	production	438,692,396
Japan	production	428,480,474
Indonesia	production	356,101,631
India	consumption	352,495,963
Brazil	production	319,829,099
Total		14,987,840,748

Energy type

Biofuels and Waste

Coal

Natural Gas

Oil

Year

1990

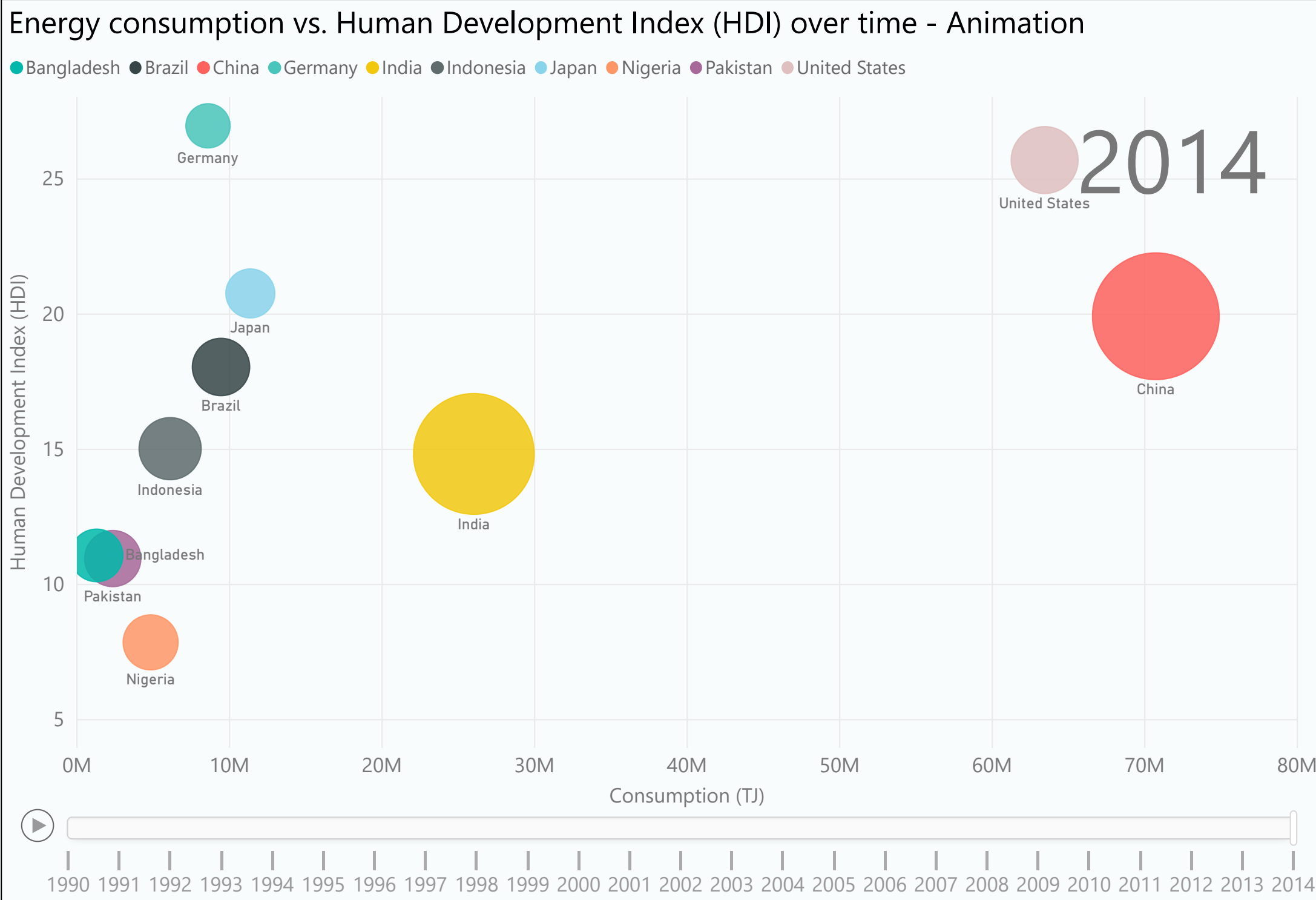
2014

Key points

Human development index (HDI) tends to rise with increased energy consumption, as in the case of China, but not always, as in the case of Germany.

Click the play button to the right, or manually move the slider for years to watch the animation over time.

* Size of data points is based on population. There were some data inconsistencies



Select year range

1990

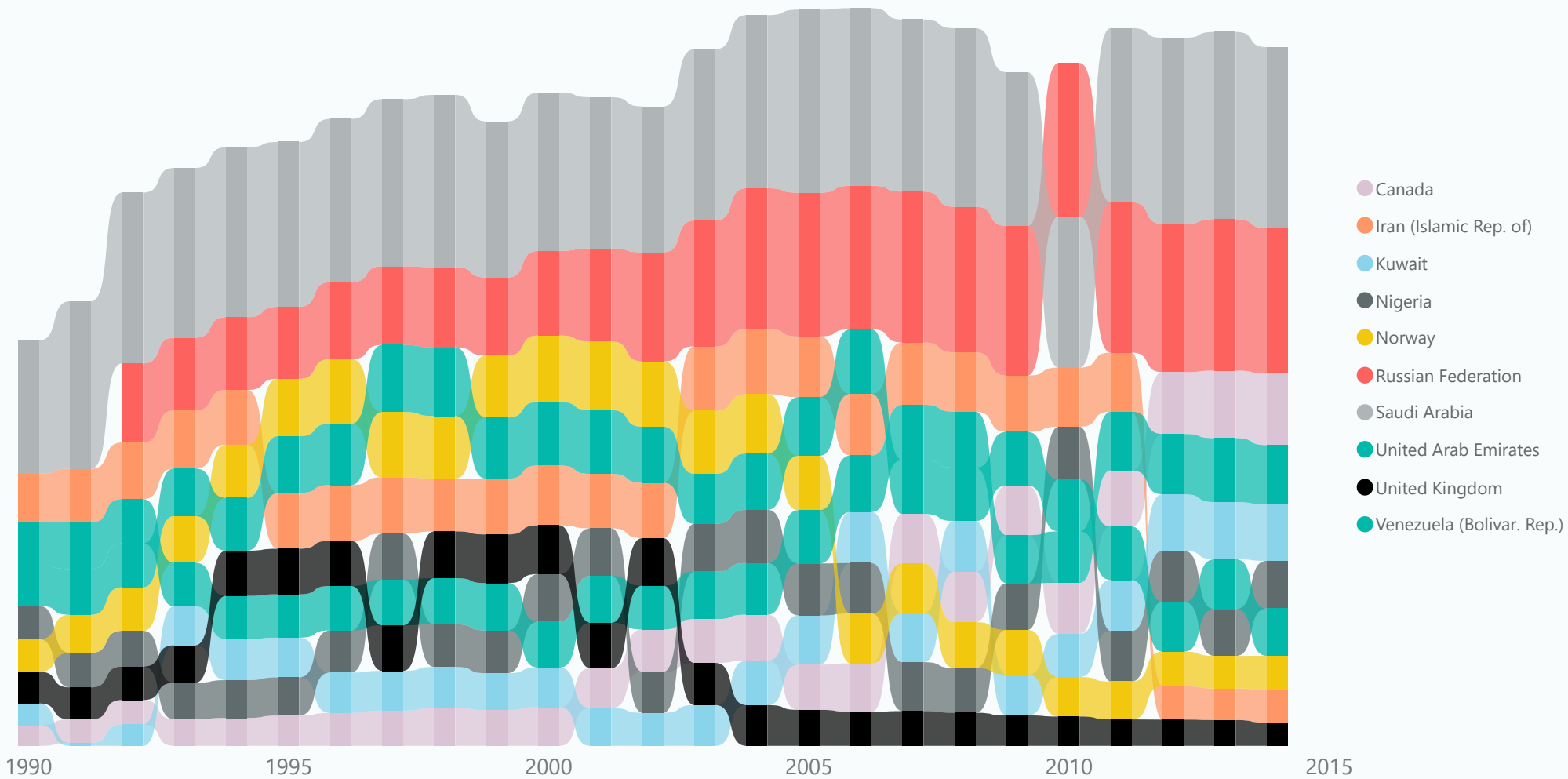
2014



Countries by Oil Exports

Country	Quantity (TJ)
Saudi Arabia	413,288,922
Russian Federation	261,768,899
Venezuela (Bolivar. Rep.)	135,567,204
Iran (Islamic Rep. of)	134,984,390
Norway	125,794,415
United Arab Emirates	123,217,308
Nigeria	110,615,465
Canada	104,619,340
Kuwait	101,384,702
United Kingdom	92,507,485
Total	1,603,748,128

Top 10 Oil Exporting Countries 1990-2014



Key Points

- The #1 oil exporting country for every year except 2010 was Saudi Arabia.
- Russia took the #1 spot in 2010 producing a fraction more than Saudi Arabia.
- Other Countries, such as Iran, have not been as consistent, which between 2011 and 2012 experienced a 44% drop in oil exports.