

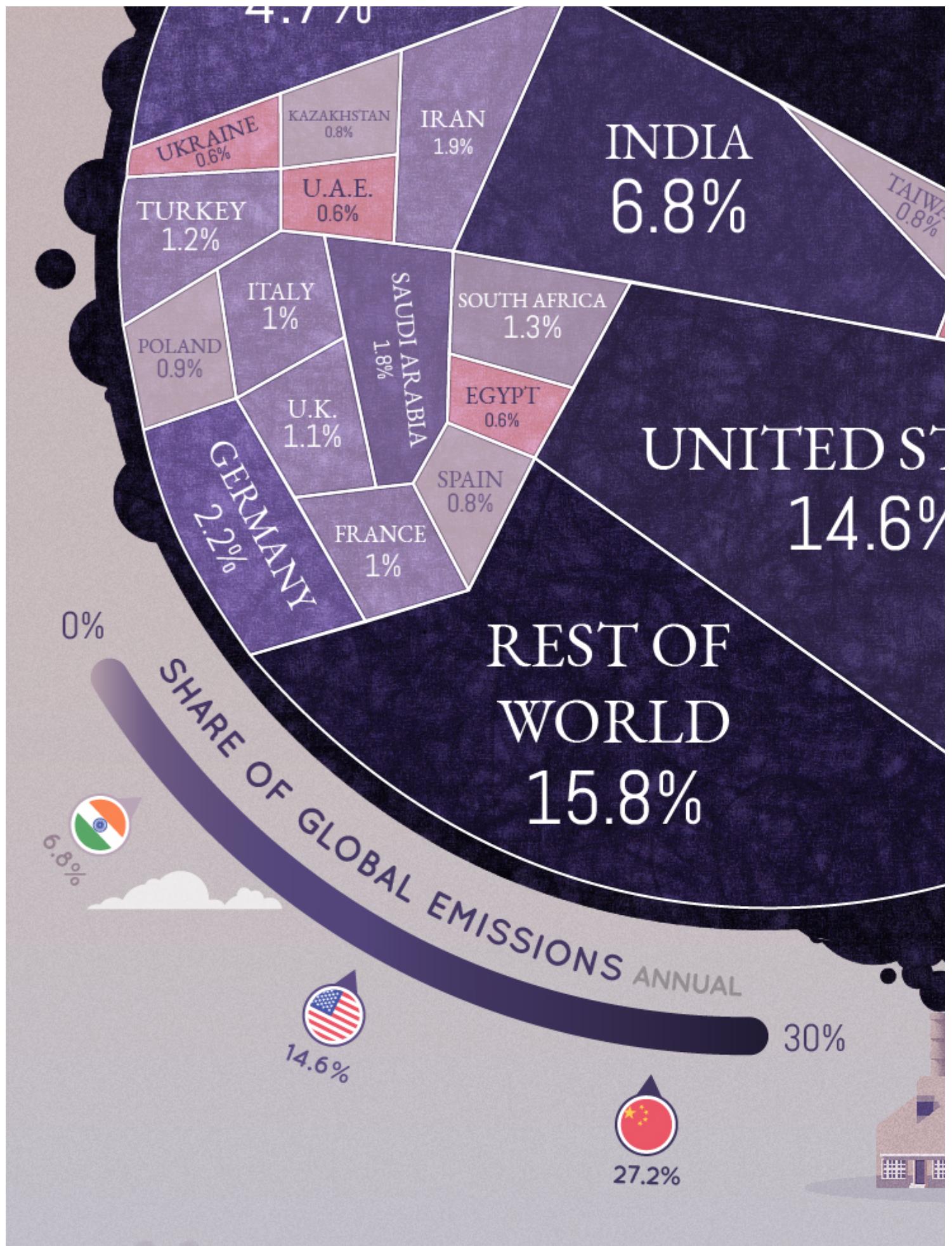
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# All the World's Carbon Emissio



Published 2 years ago on May 31, 2019

By **Iman Ghosh**Get this infographic as a [poster](#) (*and save 15% by be*

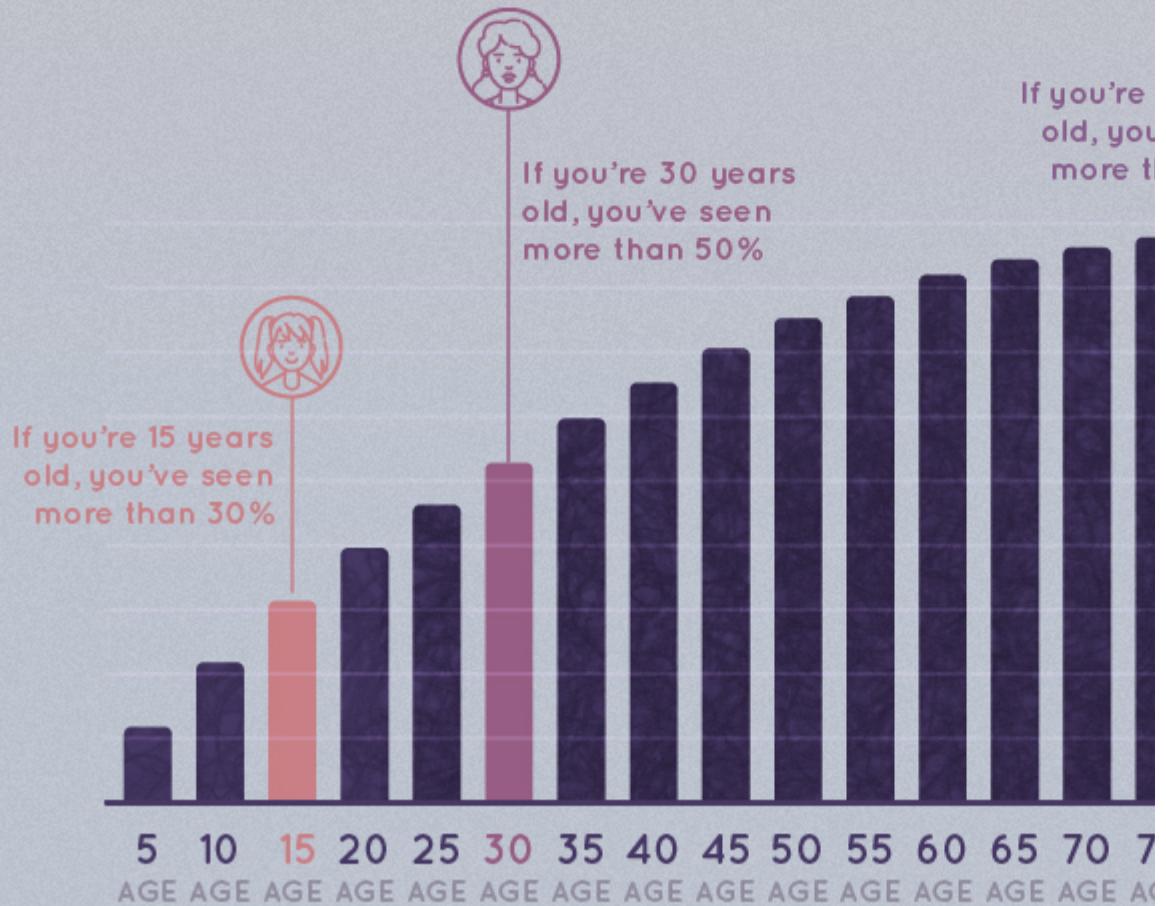




# What percentage of global fossil fuel emissions (since 1751) have occurred in my lifetime?



@neilrkaye



SOURCE: Global Carbon Atlas 2017, Neil Kaye, Global Carbon Project, CDIAC



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# All the World's Carbon Emissions in One Chart

Two degrees Celsius may not seem like much, but on our planet, it could be the difference between thriving life and a disastrous climate.

Over two centuries of burning fossil fuels have added up, and global decision-makers and business leaders are focusing in on carbon emissions as a key issue.

## Emissions by Country

This week's chart uses the most recent data from [Global Carbon Atlas](#) to demonstrate where of the world's CO<sub>2</sub> emissions come from, sorted by country.

Rank	Country	Emissions in 2017 (MtCO <sub>2</sub> )	% of Global Emissions
#1	-China	9,839	27.2%
#2	-United States	5,269	14.6%
#3	-India	2,467	6.8%
#4	-Russia	1,693	4.7%
#5	-Japan	1,205	3.3%
#6	-Germany	799	2.2%
#7	-Iran	672	1.9%
#8	-Saudi Arabia	635	1.8%
#9	-South Korea	616	1.7%
#10	-Canada	573	1.6%
#11	-Mexico	490	1.4%
#12	-Indonesia	487	1.3%
#13	-Brazil	476	1.3%
#14	-South Africa	456	1.3%
#15	-Turkey	448	1.2%
Top 15		26,125	72.2%
<b>Rest of World</b>		<b>10,028</b>	<b>27.7%</b>

In terms of absolute emissions, the heavy hitters are immediately obvious. Large economies like China, the United States, and India alone account for almost half the world's emissions. Digging out a little further, and it's even clearer that just a handful of countries are responsible for the majority of emissions.

Of course, absolute emissions don't tell the full story. The world is home to over 7.5 billion people, but they aren't distributed evenly across the globe. How do these carbon emissions shake out on a per capita basis?

Here are the 20 countries with the highest emissions per capita:

<b>Qatar</b> 49.2 tCO <sub>2</sub> /PERSON	<b>Bahrain</b> 23.1 tCO <sub>2</sub> /PERSON	<b>Saudi Arabia</b> 19.3 tCO <sub>2</sub> /PERSON	<b>Kazakhstan</b> 16.1 tCO <sub>2</sub> /PERSON	<b>U.S.</b> 16.0 tCO <sub>2</sub> /PERSON
<b>Trinidad &amp; Tobago</b> 29.7 tCO <sub>2</sub> /PERSON	<b>Australia</b> 16.9 tCO <sub>2</sub> /PERSON	<b>South Korea</b> 12.1 tCO <sub>2</sub> /PERSON	<b>Turkmenistan</b> 12.6 tCO <sub>2</sub> /PERSON	<b>Ge</b> 9.7 tCO <sub>2</sub> /PERSON
<b>Kuwait</b> 25.2 tCO <sub>2</sub> /PERSON	<b>Estonia</b> 15.1 tCO <sub>2</sub> /PERSON	<b>Canada</b> 15.6 tCO <sub>2</sub> /PERSON	<b>Taiwan</b> 11.5 tCO <sub>2</sub> /PERSON	<b>M</b> 9.9 tCO <sub>2</sub> /PERSON
<b>United Arab Emirates</b> 24.7 tCO <sub>2</sub> /PERSON	<b>Oman</b> 14.1 tCO <sub>2</sub> /PERSON		<b>Russia</b> 11.8 tCO <sub>2</sub> /PERSON	<b>Czech Republic</b> 10.2 tCO <sub>2</sub> /PERSON

Source: [Global Carbon Atlas](#). Note: We've only included places with a population above one million, which excludes islands and areas such as Curaçao, Brunei, Luxembourg, Iceland, Greenland, and Bermuda.

Out of the original 30 countries in the main visualization, six countries show up again as top emitters when adjusted for population count: Saudi Arabia, the United States, Canada, Sc

Korea, Russia, and Germany.

## The CO<sub>2</sub> Conundrum

We know that rapid urbanization and industrialization have had an impact on carbon emissions entering the atmosphere, but at what rate?

Climate data scientist Neil Kaye answers the question from a different perspective, by making what percentage of emissions have been created during your lifetime since the Industrial Revolution:

Your Age	% of Total Global Emissions
15 years old	You've been alive for more than 30% of emissions
30 years old	You've been alive for more than 50% of emissions
85 years old	You've been alive for more than 90% of emissions

Put another way, the running total of emissions is growing at an accelerating rate. This is seen in the dramatic shortening between the time periods taken for 400 billion tonnes of CO<sub>2</sub> to enter the atmosphere:

- First period: 217 years (1751 to 1967)
- Second period: 23 years (1968 to 1990)
- Third period: 16 years (1991 to 2006)
- Fourth period: 11 years (2007 to 2018)

*In order to be a decarbonised economy by 2050, we have to bend the (emissions) curve by 2020... Not only is it urgent and necessary, but actually we are very nicely on our way to achieving it.*

— Christiana Figueres, Convenor of Mis

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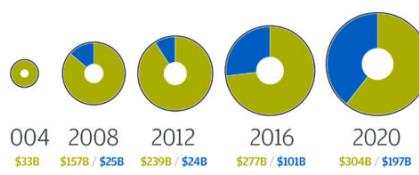
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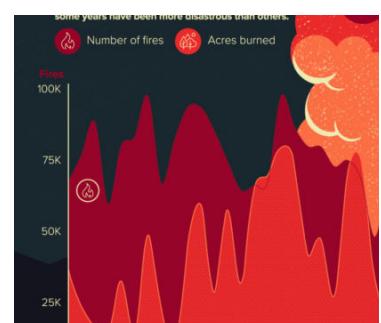
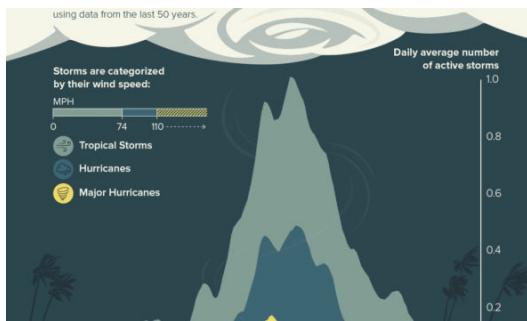
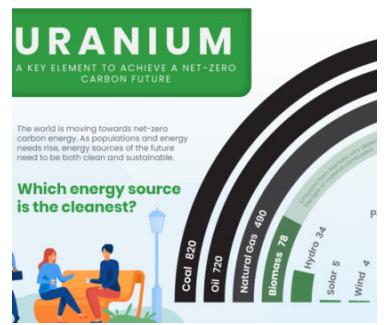


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## All of the World's Carbon Emissions in One Giant Chart



ENERGY

# Ranked: The 50 Companies That Use the Highest Percentage of Green Energy

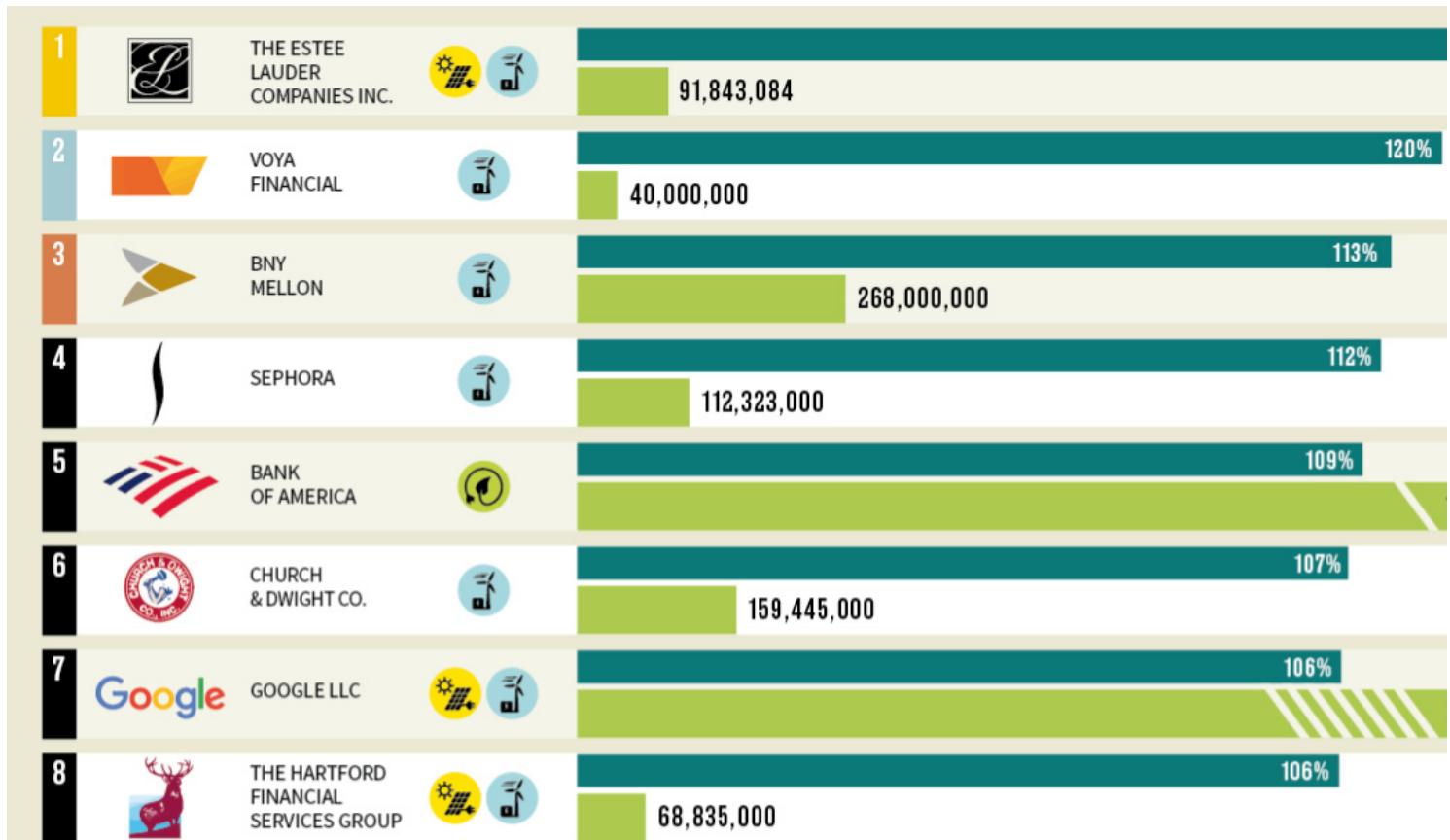
Which U.S. companies use the most green energy as a percentage of total energy?  
Here are the 50 highest ranked companies according to the EPA.



Published 1 day ago on September 27, 2021

By **Anshool Deshmukh**





### Which Companies Use the Most Green Energy?

Green energy was once a niche segment of the wider energy industry, but it's quickly becoming an essential energy source in many regions and nations across the globe.

Based on data from the Environmental Protection Agency (EPA), this infographic by SolarPower.Guide shows the top 50 greenest companies, based on the highest proportion of green energy used in their overall consumption mix.

## Leaders in Green Energy Use

As green energy becomes more affordable, some major businesses like Google, Wells Fargo, and Apple are embracing it in a big way.

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**GREEN**

# The World's 25 Largest Lakes, Side by Side

This unique map graphic uses the Great Lakes region as a point of comparison for the 25 largest lakes in the world.



Published 3 weeks ago on September 7, 2021

By **Nick Routley**



## The World's 25 Largest Lakes, Side by Side

In many parts of the world, you don't have to look very far to find a lake.

According to satellite data, there are roughly 100 million lakes larger than one hectare (2.47 acres) to be found globally. The largest lakes, which rival the size of entire nations, are more of a rarity.

One might expect the world's largest lakes to be very alike, but from depth to saline content, their properties can be quite different. As well, the ranking of the world's largest lakes is far from static, as human activity can turn a massive body of water in a desert within a single generation.

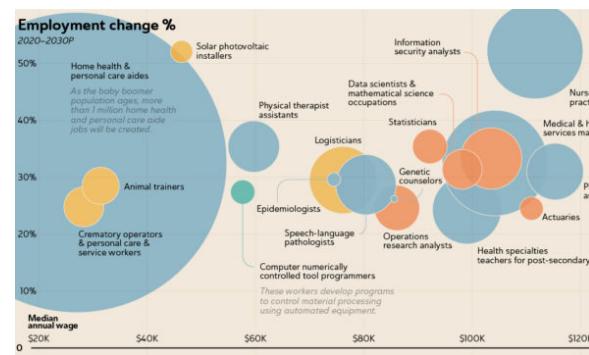
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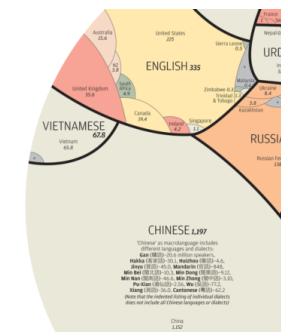
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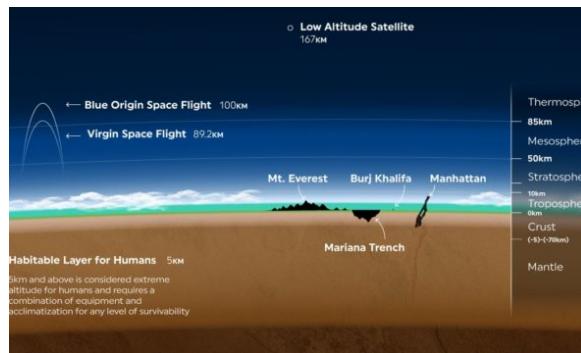
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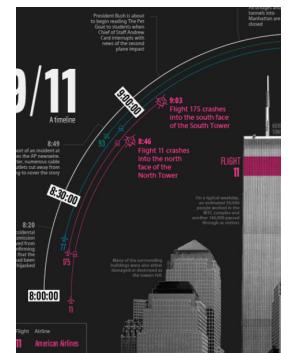
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