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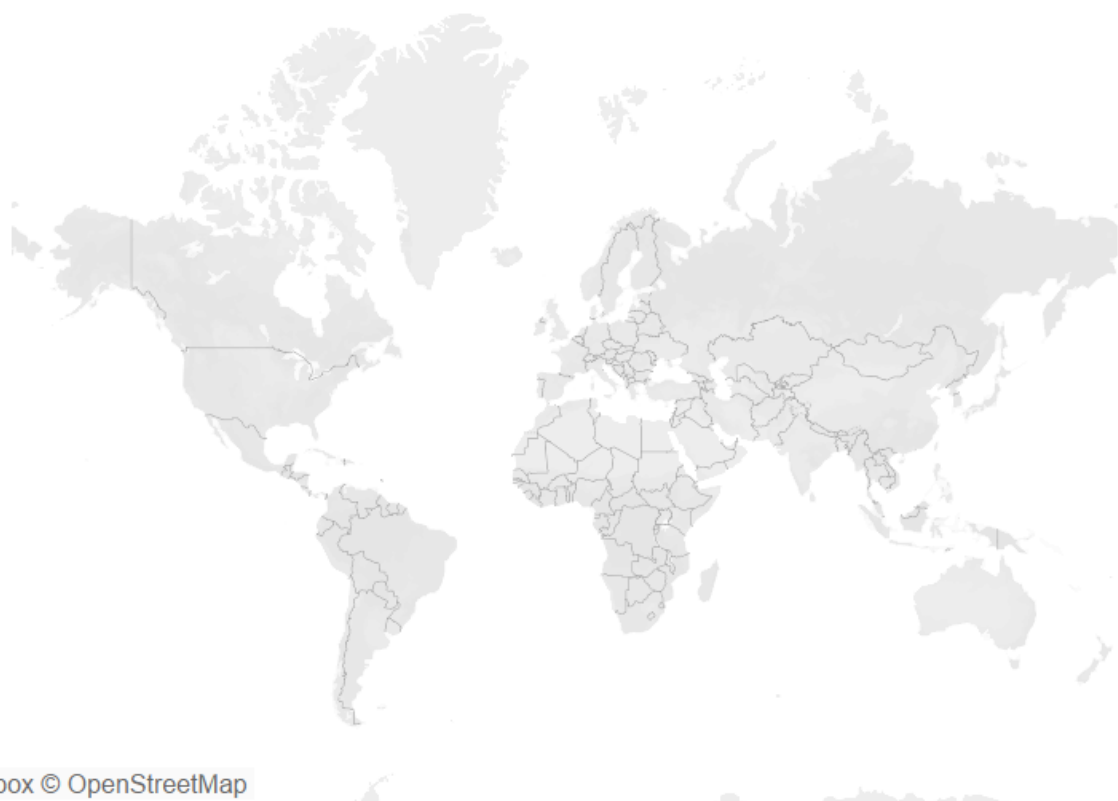
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UNDERSTATED RE..



Global Fresh Water Usage - 1962

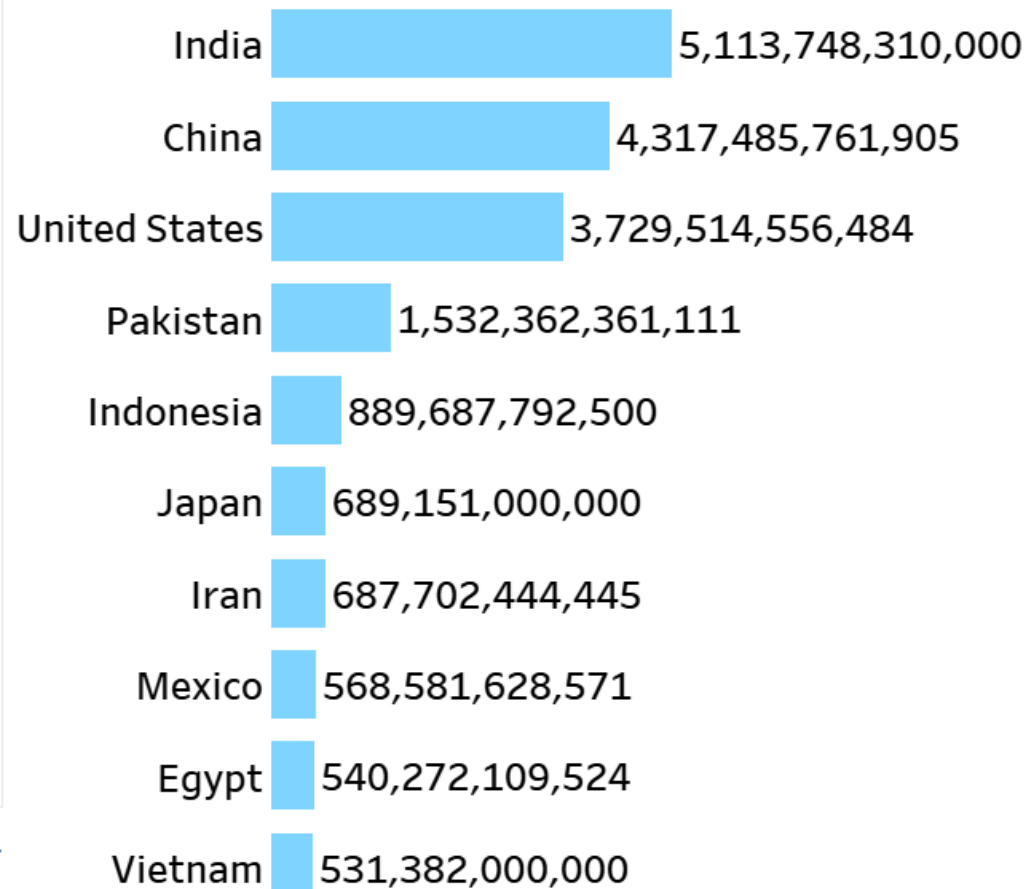


Year 1962

Show histo..

Aver 2 153 333 880 971 199 000

Top 10 countries withdrawing maximum freshwater



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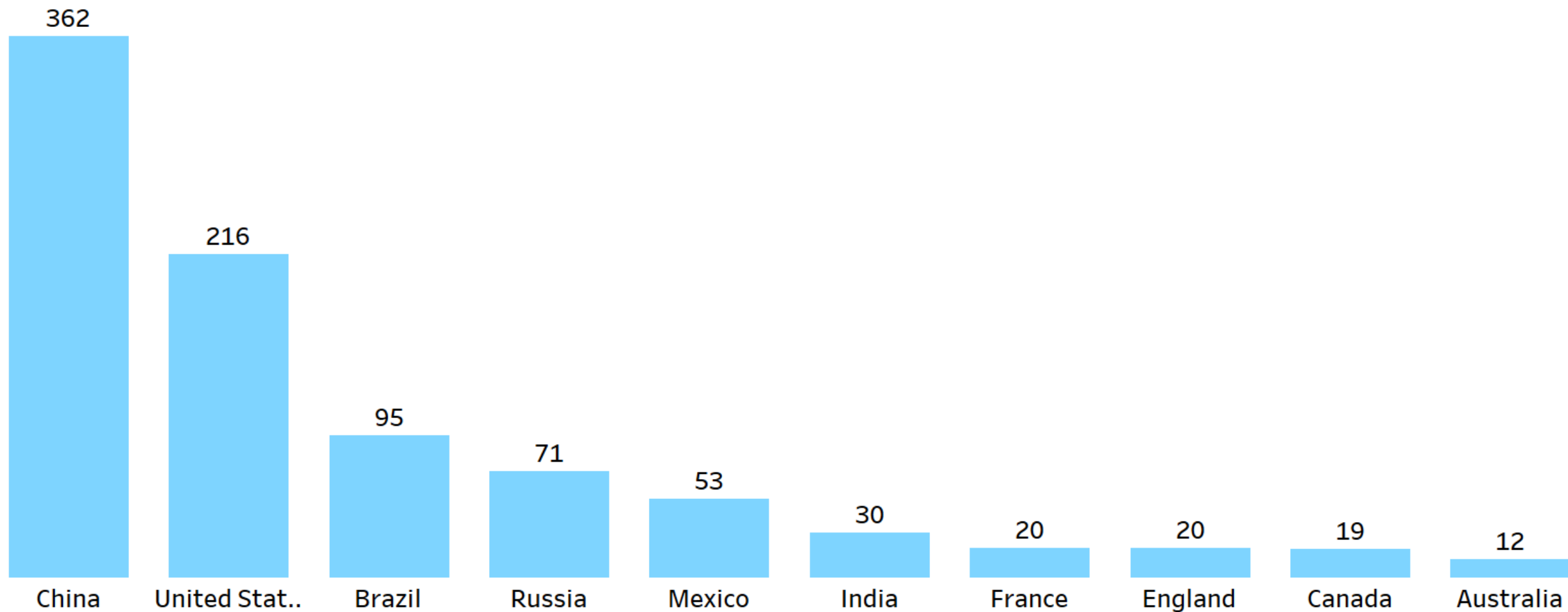
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Lake Mead (H..



We can observe a
50% deplete
in the resource.

Water Wastage (Trillion Gallons / Year)



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The amount of fresh water consumed to make the products



A car
151,416 litres



A cotton shirt
2,900 litres



A pair of leather shoes
8,000 litres



A smartphone
12,760 litres



A pair of jeans
10,000 litres

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Industrial Usage of Fresh Water



Fresh Water Withdrawals used in agriculture - 1965

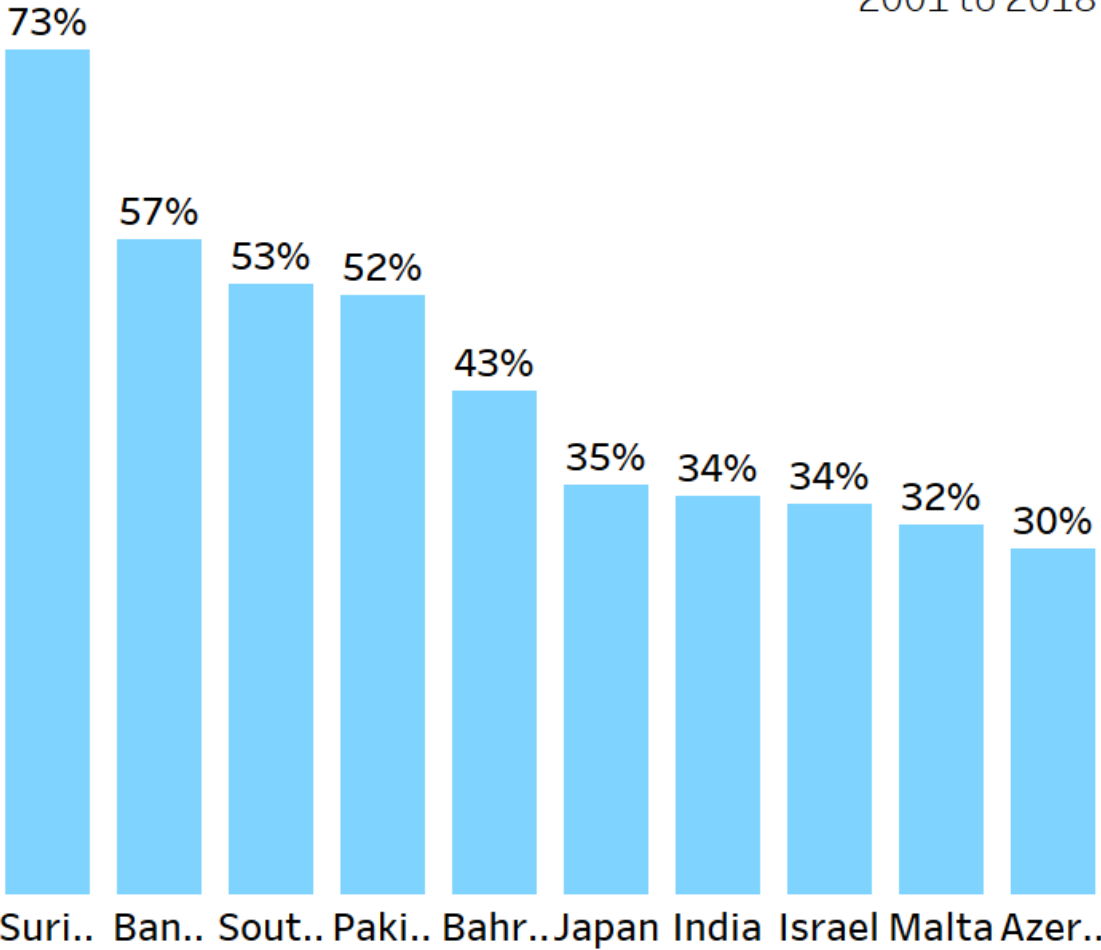


Year 1965 ☐ Show histo..

AVG .. 0.00 99.56

Percentage of Irrigable Land

Year 2001 to 2018



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DISPARITY IN LIVES - INDIA



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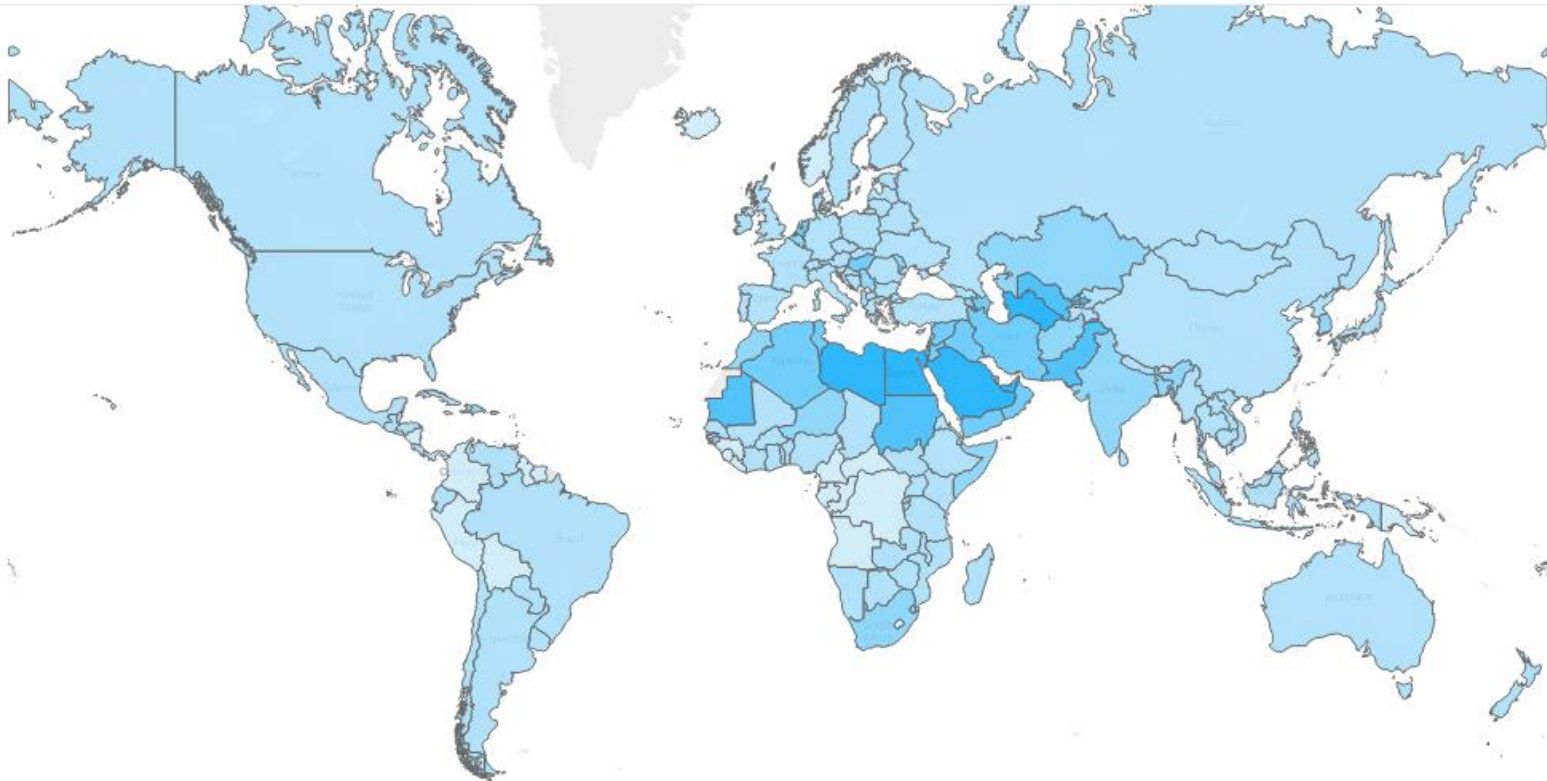
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Freshwater Stress Level

Annual freshwater withdrawals refer to total water withdrawals from agriculture, industry and municipal/domestic uses. Withdrawals can exceed 100% of total renewable resources where extraction from nonrenewable aquifers or desalination plants is considerable.

**Year**

2017

Stress Level

- Extremely ..
- High
- Medium to..

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Renewable freshwater resources per capita

Renewable internal freshwater resources flows refer to internal renewable resources (internal river flows and groundwater from rainfall) in the country.

Select Coun..

Multiple val..

Selected Co..

■ Argentina

■ China

■ Egypt

■ France

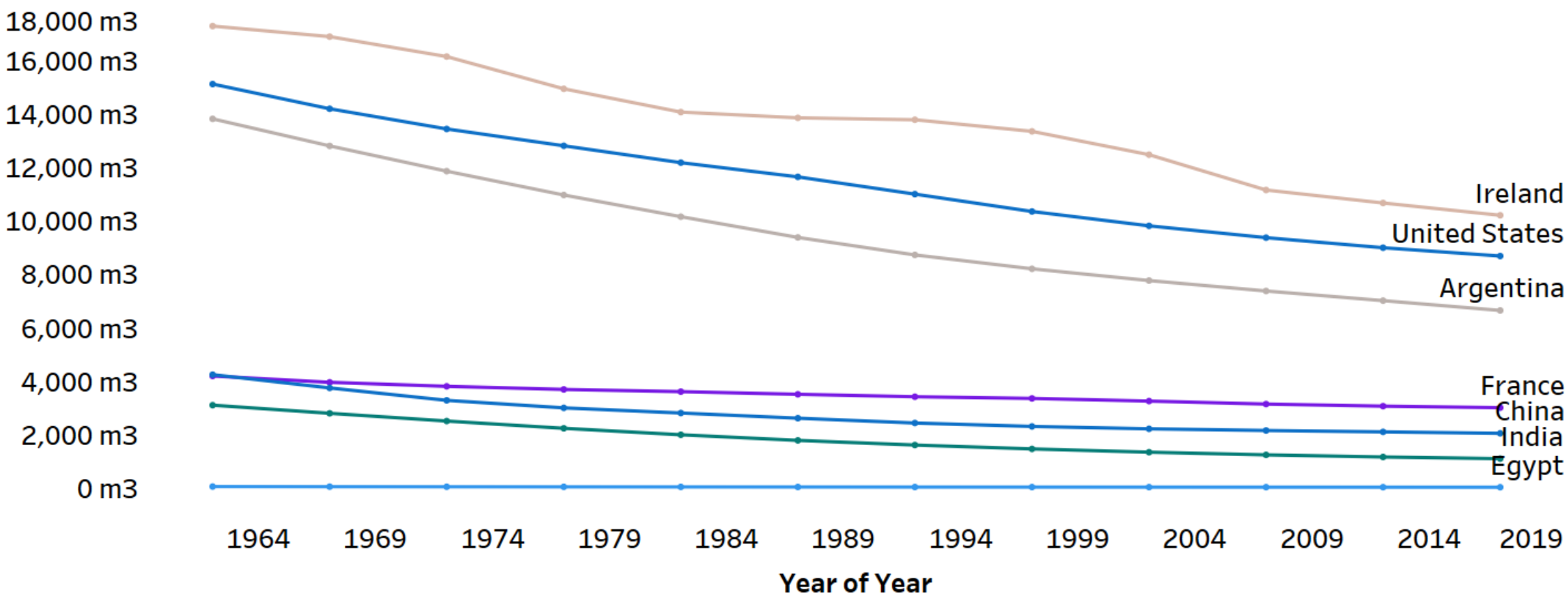
■ India

■ Ireland

■ United S..

Highlight E..

No items



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TOMATO

weight: 27g
waterfootprint: 5,78l



BEEF

weight: 150g
waterfootprint: 2312l



LETTUCE

weight: 15g
waterfootprint: 3,56l



BREAD

weight: 60g
waterfootprint: 96,48l

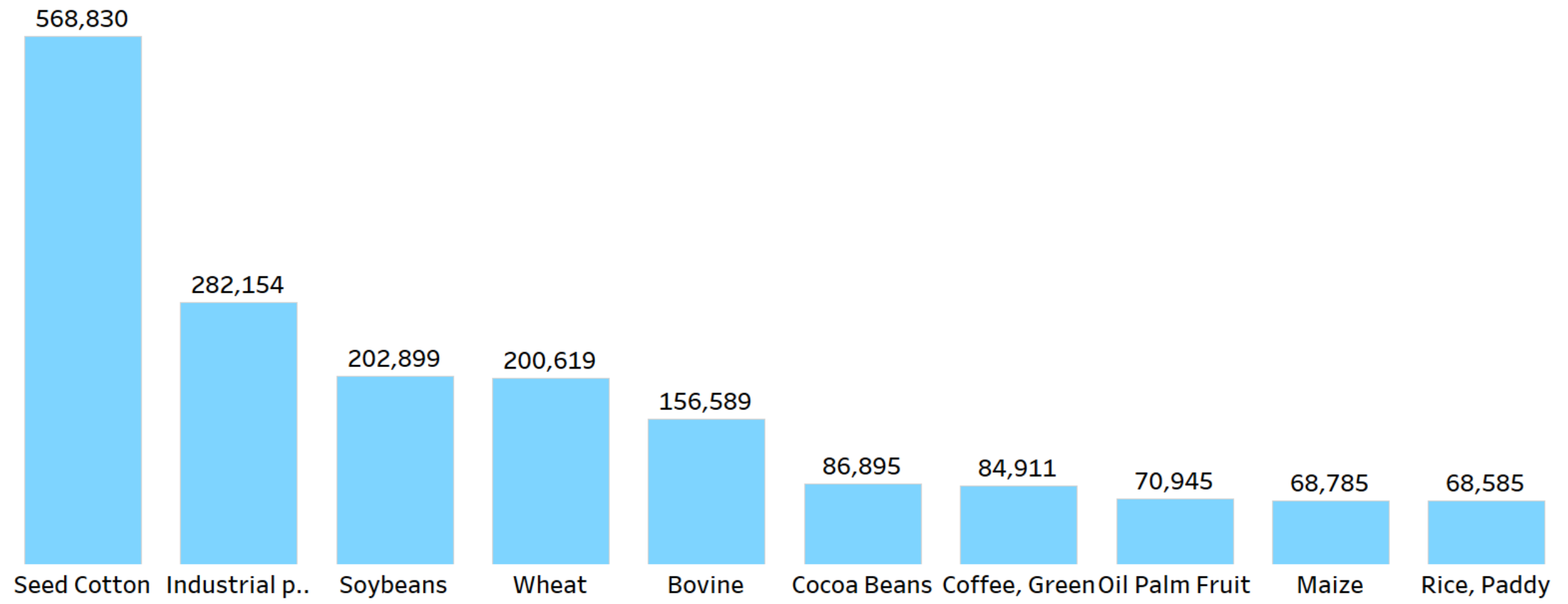


CHEESE

weight: 10g
waterfootprint: 31,78l

WATERFOOTPRINT OF A BURGER
apx. 2450 liters

Water usage in Food Items (Litres/Kg)



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” The next World War will be ove..



How to **AVOID** this from hap..

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Countries that are Breaking the Mold in Water Conservation



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Israel: A Global Leader in Water Management and Technology



The Shafdan wastewater treatment plant in central Israel



Decrease in per-capita consumption of RFNW (Renewable Fresh Natural Water) in million cubic meters per year



1967



2006



2015

source: <https://mfa.gov.il/MFA/AboutI..>

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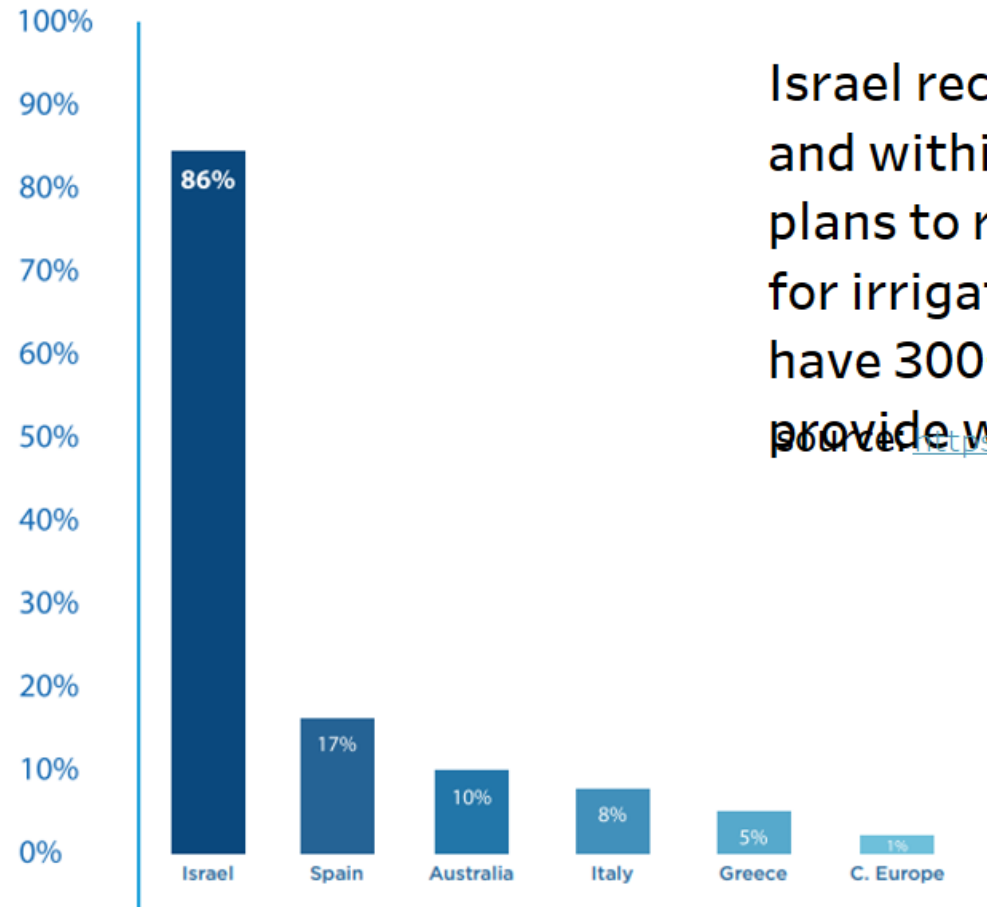
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Israel ranks first in the world in wastewater recycling



Israel recycles 85% of its wastewater and within the next three years, Israel plans to recycle 95% of its wastewater for irrigation by the end of 2025. They have 300+ desalination plants which provide water for the country.

source: <https://nrg.gov.il/NR4/ASSETS/Israel/Documents/wat..>

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Cape Town-Day Zero

DAY ZERO
IS WHEN THE WATER RUNS OUT

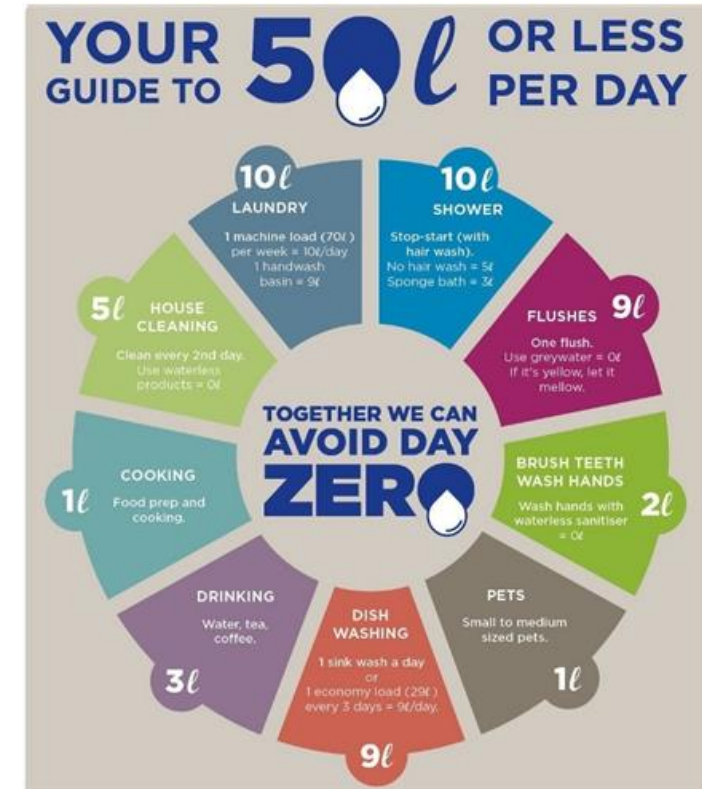
But, we need to consider what will happen
if our water runs out and we reach Day Zero...



Water Consumption (Day to Day)

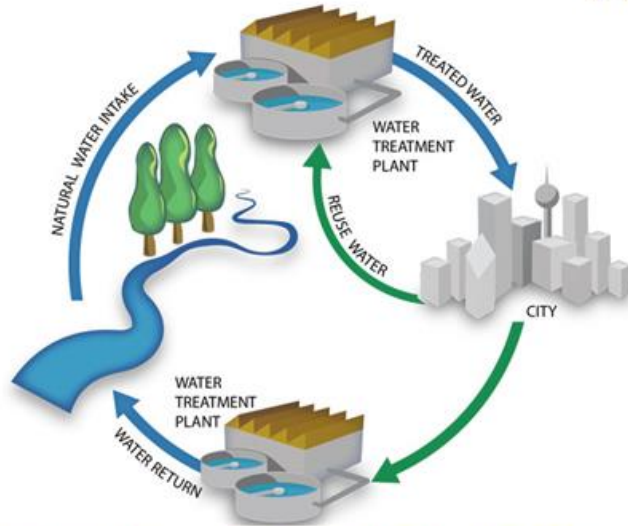


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Source: <https://www.watergen.com/blog/water-stre..>

Recommendations



Water Metering Technology

Desalination Techniques

More Initiatives for water recycling

Avoid wastage of Food





THANK YOU!

**Let us make the world a
better place!**