

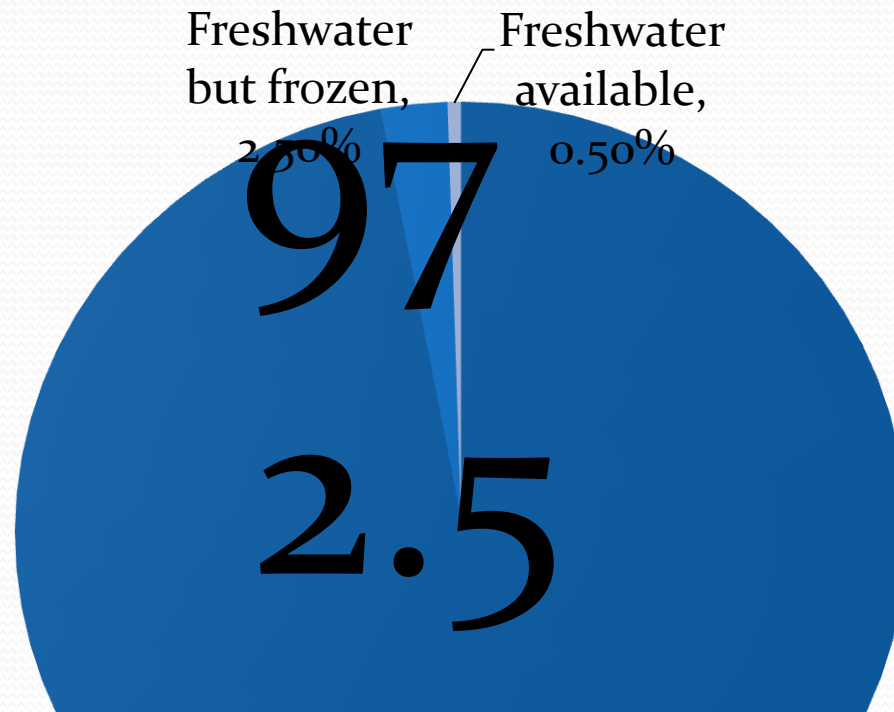
Number Does Matter

WATER CRISIS: The Flaw of Average



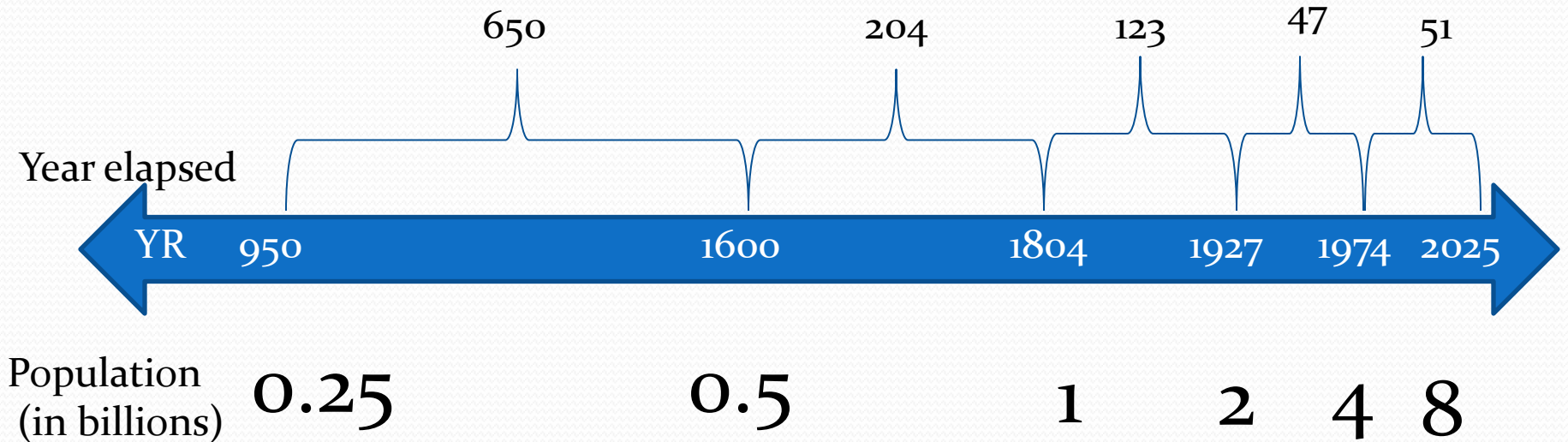
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Freshwater available



Less than 1% of the world's fresh water is readily accessible for direct human use

Warning Sign: Population Growth



50-Years for population to double

2030: over 8 billion

2050: by 9 billion

Projection: how much water we need

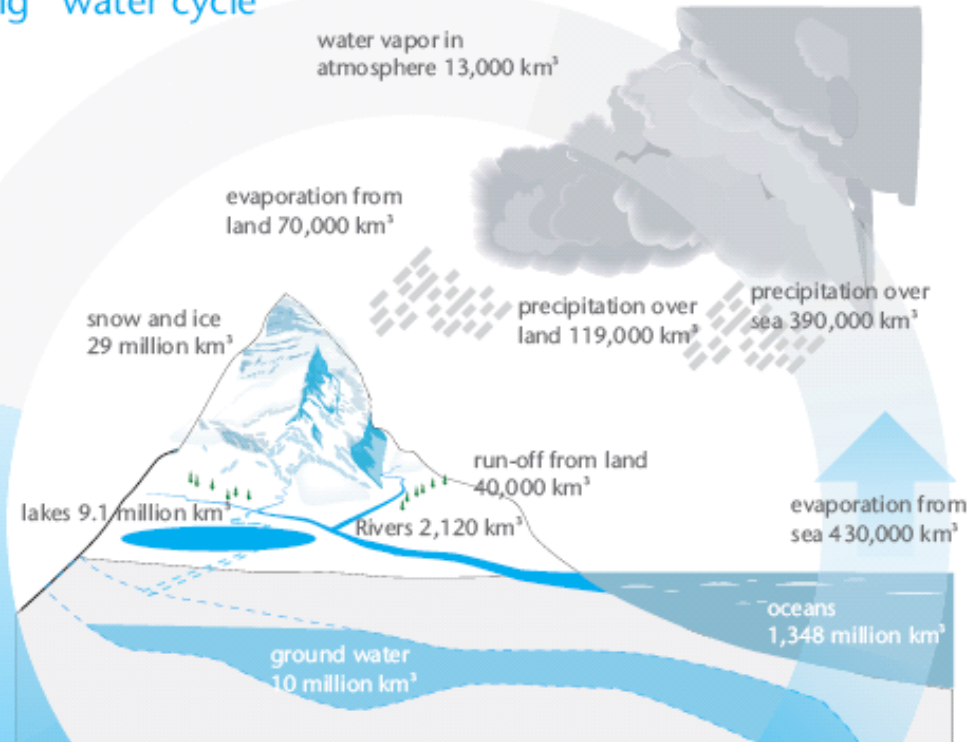
- Now: 5 cubic meter per capita X 365 days X 6.7 billion =

12, 227 km³

- In 2050: 5 cubic meter per capita X 365 days X 9 billion=

17,118 km³

The "big" water cycle⁴



The Flaw of Average

WORLDWIDE & UNEP,
"Fresh Water and
Sustainable Development", 1998.

What causes the crisis?

- The world is not “running out of water,” but it is not always available when and where people need it.
- Inequality
- The aging of infrastructure



How bad is the water crisis!!

- **8 seconds** one child death by water-related diseases
- **3.575** million die from water-related disease
- **1/8** world population lack access to safe water supplier
- Over **20%** of estimated **10,000** freshwater fish species endangered or extinct
- Water use increased **six-fold** during the last century, more than **twice** the rate of population growth
- **Half** of the world's wetlands have disappeared over the last century, with some rivers now no longer reaching the sea

A Matter of Life and Death

There is a water crisis today. But the crisis is not about having too little water to satisfy our needs. It is a crisis of managing water so badly that billions of people - and the environment - suffer badly." World Water Vision Report

Q&A

