

# WATER CONSUMPTION BY SPECIFIC INDUSTRIES

Which industries consume the most water?

CLOSE OPEN

## MICROELECTRONICS

Manufacturing a large integrated circuit requires approximately **8,328 litres** of water in total, of which **5,678 litres** is ultrapure water.

## PHARMACEUTICALS

The total global pharmaceutical water footprint is on average **1240 m<sup>3</sup>/year per head**, varying from **2480 m<sup>3</sup>/year per head in US**, to **700 m<sup>3</sup>/year per head in China**



## MEAT INDUSTRY

**15,000 litres** of water to produce 1 kilogram of beef & over **10,000 litres** to bring 1 kilogram of sheep meat

## FASHION INDUSTRY

It takes on average **10,000-20,000 litres** of water to cultivate just 1 kilogram of raw cotton to produce just one cotton shirt requires approximately **2,500 litres** of water.



## PETROCHEMICAL INDUSTRY

A petrochemical complex produces **2 Mt** per year of ethylene and **4 Mt** per year of other byproducts. **180,000 m<sup>3</sup>** the hourly volume of cooling water used or the equivalent drinking water consumption of **25 million people**.

