

PLUMBING POWERS PROSPERITY



Plumbing drives economic growth, improves public health, and promotes sustainability worldwide.

Plumbing creates jobs and drives innovation in water conservation, strengthening communities.

Investing in professional plumbing systems **enhances public health, reduces water waste, and boosts economic growth.**

Plumbing innovations lower utility bills, conserve water, and make buildings more efficient, benefiting businesses and individuals.

Skilled plumbers enable vital services like healthcare and education through reliable water supply and wastewater management.



MORE IMPACT

FACTS & FIGURES

4.5
trillion



\$4.56 trillion: Global plumbing industry revenue in 2021 (*WebFX*).

3 of 4
global jobs



3 of 4 global jobs depend on water availability (*UN*).

3.68
jobs created



Each job in the US water sector creates 3.68 jobs nationally (*US Department of Commerce*).

\$4.3
return



Every \$1 invested in water/sanitation yields \$4.3 in economic benefits (*UN*).



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PLUMBING ADVANCES WATER SOLUTIONS



Transforming water management through innovation, expertise, and global standards.

Plumbing professionals are essential for designing systems that conserve water, reduce energy use, and protect the environment.

Global plumbing advancements provide **tailored solutions to address local water shortages and build climate-resilient communities.**

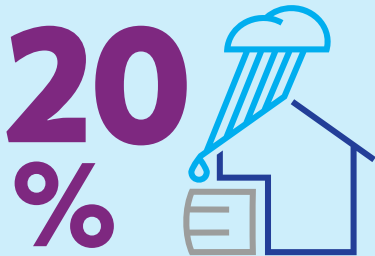
High professional standards ensure safe integration of technologies like greywater systems, rainwater harvesting, and smart water management.

Ongoing professional development equips plumbers with the latest sustainable technology expertise.

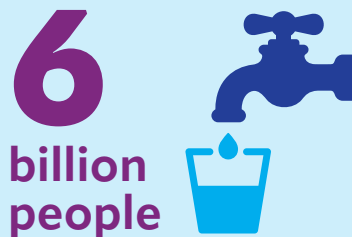


MORE INOVATION

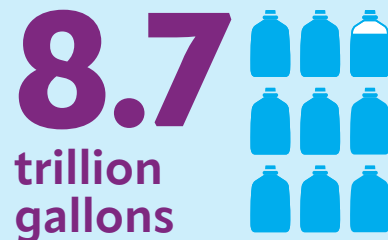
FACTS & FIGURES



Rainwater harvesting systems can reduce stormwater runoff volume by up to 20% in semiarid regions, helping to prevent flooding and soil erosion in urban areas. *(Journal of the American Water Resources Association)*



73% of the global population (6 billion people) had access to safely managed drinking water in 2022, up from 69% in 2015. *(World Health Organization)*



8.7 trillion gallons: Water saved since 2006 through U.S. EPA WaterSense partners, resulting in \$207 billion in utility bill savings. *(US EPA)*



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PLUMBING OFFERS FULLFILLING CAREERS



Diverse career paths with opportunities for growth, job security, and making a difference.

Plumbing opens doors to well-paying careers in system design, installation, sustainability consulting, communications, and entrepreneurship.

The industry is ever-evolving, providing ongoing opportunities for learning and skill development.

Plumbing combines technical skills and problem-solving with the reward of **making a real difference in people's lives**.

Skilled plumbers are in demand worldwide, ensuring job security and opportunities to build successful businesses.



MORE POSSIBILITIES

FACTS & FIGURES



Investment in water and wastewater infrastructure supports long-term job growth and economic resilience.



Upskilling and professional development foster continuous career growth and specialization.

\$61,550

annual salary

\$61,550: The median US annual wage for plumbers as of May 2023. (*Bureau of Labor Statistics*)



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PLUMBING PROTECTS COMMUNITIES



Ensuring clean water, preventing disease, and building resilience to environmental challenges.

Professional plumbing systems serve as a **critical defense against waterborne diseases and public health threats.**

Properly designed and maintained plumbing infrastructure enables communities to **withstand and recover from natural disasters.**

Plumbers play a vital role as emergency responders, restoring essential services after disruptions.

Resilient plumbing systems adapt to climate change impacts while safeguarding public health.



MORE RESILIENCY

FACTS & FIGURES

50%
failure to
meet demand



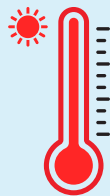
By 2071, nearly 50% of U.S. freshwater basins may fail to meet monthly water demand. *(Columbia University)*

\$1.4
trillion in
recovery cost



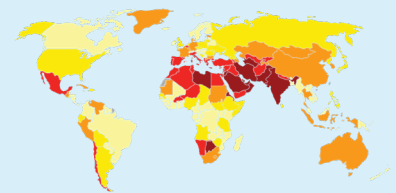
Since 2009, over 3,000 natural disasters worldwide have caused \$1.4 trillion in recovery costs, with significant impacts on water infrastructure. *(High Tide Technologies)*

2.8%
rise in
water stress



Global water stress rose 2.8% from 2015 to 2021, affecting 18.6% of the population. *(UN)*

10%
live in
water stress



10% of the world's population lives in countries with high or critical water stress levels. *(UN)*



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PLUMBING ENHANCES THE FUTURE



Advancing sustainable solutions for water, energy, and urban resilience.

The plumbing industry plays a critical role in building **greener, more resilient urban environments**.

Plumbers integrate sustainable technologies into plumbing systems that reduce **environmental impact while ensuring system performance**.

Emerging smart plumbing technologies address modern challenges, from water conservation to reducing carbon footprints.

The plumbing industry is evolving to meet future needs, incorporating renewable energy systems and improving water quality.



MORE PROBLEM SOLVING

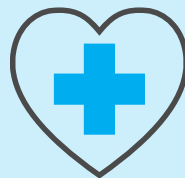
FACTS & FIGURES

\$177
billion in
property



\$177 billion in urban property and 15 million people could be protected by investing in flood protection infrastructure by 2030. *(World Resources Institute)*

1.4
million
lives

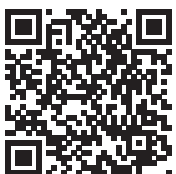


1.4 million lives per year could be saved by improving access to water, sanitation, and hygiene. *(World Health Organization)*

20
%



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PLUMBING DELIVERS FOR EVERYONE



Ensuring equitable access to safe water, sanitation, and economic opportunity for all.

Access to clean water and sanitation is a basic human right, and plumbing helps bridge the gap for underserved communities.

Equitable access to clean water and sanitation **improves public health outcomes across all demographics.**

Plumbers ensure safe, reliable water access, essential for health, dignity, and quality of life.

The plumbing industry provides **inclusive career opportunities that support community development.**



MORE EQUITY

FACTS & FIGURES

2,200,000,000
lack safe drinking water

2.2 billion people worldwide still lack safely managed drinking water services (*World Health Organization*).

443,000,000
school days lost

443 million school days are lost annually due to water-related diseases, primarily in underserved regions (*Change for Children*).

**Inequality
& Food Scarcity**

High water stress disproportionately affects women and threatens food security in arid and semi-arid regions (*United Nations*).

\$8,580,000,000
cost of water insecurity

Water insecurity costs the U.S. economy approximately \$8.58 billion annually due to lost labor, reduced earnings, and increased healthcare costs (*Centers for Disease Control and Prevention*).

2,200,000
without plumbing

2.2 million Americans live in homes without running water or basic plumbing (*Centers for Disease Control and Prevention*).



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