

WATER IN NEW MEXICO

TODAY AND IN THE FUTURE

WATER SUPPLY:

New Mexico relies on surface water and groundwater

Over **170** lakes and reservoirs

Over **1 million** acres of wetlands

WATER USE:

New Mexicans use a total of approximately **three million acre-feet** of surface and groundwater per year

Nearly **200,000** miles of rivers and streams

Over **30** groundwater basins and aquifer systems



There are nearly **25,000** commercial farms and ranches in New Mexico

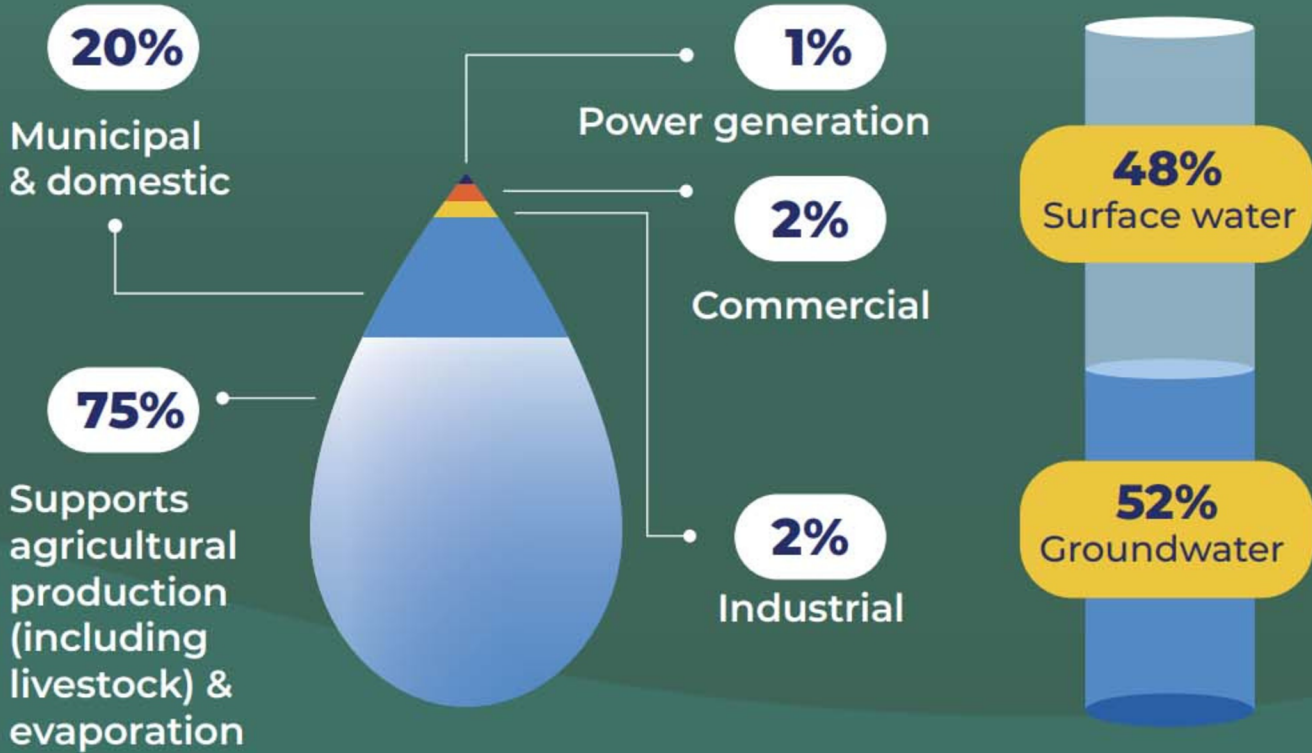
On average New Mexico residents use

81 gallons

per person per day in and around the home

Approximately 60% is used indoors.

CURRENT WATER USE:



HOW MUCH IS AN ACRE-FOOT?



Over 16,000 showers



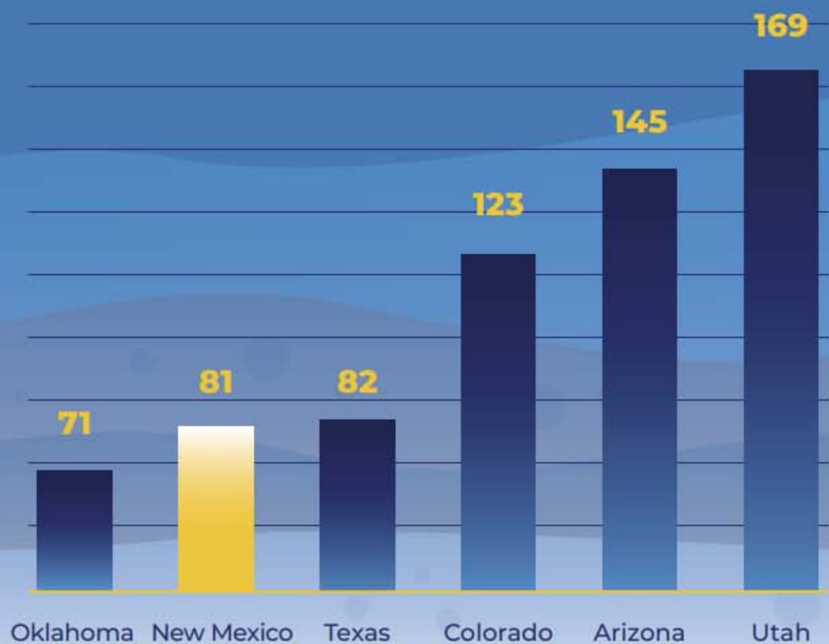
The water needed to produce $\frac{1}{4}$ acre of green chile plants



Enough to support three four-person households per year

COMPARISON WITH OTHER STATES

Total domestic per capita use (gallons/day)



NEW MEXICO'S WATER FUTURE:

Scientists predict over the next 50 years...



New Mexico will have approximately 25% less water available in rivers and aquifers



New Mexico will be hotter and drier



Historical weather patterns, including precipitation, will change significantly



There will be more significant weather events, such as fires, flooding and drought

Without action, New Mexico will not have enough water to meet our needs

Within the next 50 years New Mexico will have a shortage of **750,000 acre feet of water**

Conservation, protection of existing water resources and development of new water resources will be required to meet this shortfall



WHAT WE ARE DOING TO INCREASE WATER SECURITY:

50-Year Water Action Plan.

The Water Plan actions will help address the reality of a reduced supply in the future.

Water Conservation

EST. IMPACT:
660,000 AF PER YEAR

- A1 Develop a public education campaign
- A2 Incentivise agricultural water conservation
- A3 Reduce leaks in drinking water infrastructure and increase municipal conservation
- A4 Improve water storage and delivery systems

New Water Supplies

EST. IMPACT:
150,000 AF PER YEAR

- B1 Establish a \$500M strategic water supply to spur investments in desalination and wastewater treatment
- B2 Adopt policies to expand potable and nonpotable water reuse
- B3 Improve groundwater mapping and monitoring

Water and Watershed Protection

- C1 Cleanup contaminated groundwater sites
- C2 Protect surface water by controlling pollution through a discharge permitting program
- C3 Modernize wastewater treatment plants and stormwater infrastructure
- C4 Protect and restore watersheds