

Groundwater Use in New Mexico

Total

Groundwater (mgd — fresh, not saline).....	1,570
Percentage of total freshwater* supply for state.....	49.7%

Public Supply

Groundwater (mgd)	211
Percentage of total groundwater.....	13.4%
Percentage of total public supply	74.6%

Individual Household

Groundwater (mgd)	25.8
Percentage of total groundwater.....	1.64%
Percentage of total individual household supply	100%

Irrigation

Groundwater (mgd)	1240
Percentage of total groundwater.....	79.0%
Percentage of total irrigation.....	45.9%

Livestock/Aquaculture

Groundwater (mgd)	48.6
Percentage of total groundwater.....	3.10%
Percentage of total livestock/aquaculture.....	86.9%

Industrial, Self-Supplied

Groundwater (mgd)	10.3
Percentage of total groundwater.....	0.66%
Percentage of total industrial, self-supplied	92.8%

Mining

Groundwater (mgd)	27.4
Percentage of total groundwater.....	1.75%
Percentage of total mining	73.9%

Thermoelectric

Groundwater (mgd)	9.59
Percentage of total groundwater.....	0.61%
Percentage of total thermoelectric.....	18.5%

(mgd = million gallons per day)

Groundwater's Role in New Mexico's Economic Vitality

- Few states can accurately or confidently determine how many residential wells are in place. For each region, the American Housing Survey by the U.S. Census provides regional data. The South region includes the states of Maryland, Delaware, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Texas, Oklahoma, Arkansas, Tennessee, and Kentucky. The last American Housing Survey indicates this region had 4,360,000¹ households served by residential wells, with an average of 2.71² persons per household. The U.S. Census stopped asking citizens their source of water supply following the 1990 Census. The USGS estimates the population of self-supplied water supply users in New Mexico to be 303,000³.
- 535 community water systems use groundwater for 949,000 people⁴.
- 136 non-community, non-transient water systems use groundwater for 46,400 people⁴.
- 383 non-community, transient water systems use groundwater for 66,200 people⁴.
- 8,760 irrigation wells are in use serving 4,030 farms and 405,000 acres⁵.

¹ U.S. Census Bureau 2013 American Housing Survey.

² U.S. Census Bureau 2013 American Community Survey.

³ U.S. Geological Survey, November 2014 report on 2010 water use.

⁴ U.S. EPA Federal Safe Drinking Water Information System Data for 2014.

⁵ Census of Agriculture 2013 Farm and Ranch Irrigation Survey.

* All totals and ratios are measures of freshwater only.

New Mexico's Groundwater Industry Employment

Men and women working to provide and protect New Mexico's groundwater resources for the benefit of people, business, and our environment.

New Mexico's Contracting Employment

Drill and service water wells, install and service pumps, install and service point-of-use water treatment devices. This portion of the industry is characterized by small firms, many of which are multi-generation family-owned and operated.

- 97 firms employ an estimated 1,200 people⁶
- Annual estimated sales of \$270 million⁶

New Mexico's Scientists and Engineers Employment

Geologists, hydrogeologists, engineers, geochemists, geophysicists, microbiologists, regulators.

Environmental Consulting⁷

NAICS 54162: Establishments primarily engaged in providing advice and assistance on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials.

- 381 firms employ an estimated 1,260 people
- Annual estimated sales of \$184 million

Remediation⁸

NAICS 56291: Establishments include those engaged in remediation and cleanup of contaminated buildings, mine sites, soil, or groundwater.

- 58 firms employ an estimated 799 people
- Annual estimated sales of \$123 million

Public Service and Universities, Colleges, and Research Centers

- Many more dedicated individuals



⁶ InfoUSA, SIC 1781, March 2015.

⁷ Barnes Reports: Environmental Consulting Services Industry (NAICS 54162); C. Barnes & Co., 2015.

⁸ Barnes Reports: Remediation Services Industry (NAICS 56291); C. Barnes & Co., 2015.