

Groundwater Use in New Mexico

Overview¹

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)

*All totals and ratios are measures of freshwater only.

¹ US Geological Survey, November 2014 report on 2010 water use.

² New Mexico Office of the Engineer Well Point of Diversions Database

³ US EPA Federal Safe Drinking Water Information System Data for 2014.

⁴ *Ibid.*

⁵ *Ibid.*

⁶ Census of Agriculture 2013 Farm and Ranch Irrigation Survey.

Groundwater's Role in New Mexico's Economic Vitality

- Approximately 145,000 known residential wells statewide.²
- 535 community water systems use groundwater for 949,000 people³
- 136 non-community, non-transient water systems use groundwater for 46,400 people⁴
- 383 non-community, transient water systems use groundwater for 66,200 people⁵
- 8,760 irrigation wells used serving 4,030 farms and 405,000 acres⁶



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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.⁷

- 97 firms employ an estimated 1,200 people⁸
- Annual estimated sales of \$270 million

New Mexico's Scientists and Engineers Employment

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

Environmental Consulting⁹

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

Remediation¹⁰

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



⁷ InfoUSA, SIC 1781, March 2015.

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

⁹ Barnes Reports: Environmental Consulting Services Industry (NAICS 54162); C. Barnes & Co., 2015.

¹⁰ Barnes Reports: Remediation Services Industry (NAICS 56291); C. Barnes & Co., 2015.