

Groundwater Use in Oregon

Overview¹

Total

Groundwater (mgd — fresh, not saline)..... 2,130
Percentage of total freshwater* supply for state..... 31.7%

Public Supply

Groundwater (mgd) 114
Percentage of total groundwater..... 5.35%
Percentage of total public supply 21.4%

Individual Household

Groundwater (mgd) 60.0
Percentage of total groundwater..... 2.82%
Percentage of total individual household supply 89.4%

Irrigation

Groundwater (mgd) 1,910
Percentage of total groundwater..... 89.7%
Percentage of total irrigation..... 36.3%

Livestock/Aquaculture

Groundwater (mgd) 36.4
Percentage of total groundwater..... 1.71%
Percentage of total livestock/aquaculture..... 4.99%

Industrial, Self-Supplied

Groundwater (mgd) 2.62
Percentage of total groundwater..... 0.12%
Percentage of total industrial, self-supplied 2.08%

Mining

Groundwater (mgd) 7.47
Percentage of total groundwater..... 0.35%
Percentage of total mining..... 86.5%

Thermoelectric

Groundwater (mgd) 1.48
Percentage of total groundwater..... 0.07%
Percentage of total thermoelectric..... 11.7%

(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 Oregon Water Resources Department

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 Oregon's Economic Vitality

- Approximately 225,000 known residential wells statewide.²
- 655 community water systems use groundwater for 564,000 people³
- 307 non-community, non-transient water systems use groundwater for 64,400 people⁴
- 1,260 non-community, transient water systems use groundwater for 169,000 people⁵
- 8,780 irrigation wells used serving 4,800 farms and 510,000 acres⁶



Address 601 Dempsey Road, Westerville, Ohio 43081-8978 U.S.A.
Phone 800 551.7379 • 614 898.7791 **Fax** 614 898.7786
Email ngwa@ngwa.org **Websites** NGWA.org and WellOwner.org

Oregon's Groundwater Industry Employment

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

Oregon'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

- 104 firms employ an estimated 609 people⁸
- Annual estimated sales of \$165 million

Oregon'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.

- 551 firms employ an estimated 2,000 people
- Annual estimated sales of \$315 million

Remediation¹⁰

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

- 80 firms employ an estimated 886 people
- Annual estimated sales of \$130 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.