## Overview

**Total**
- Groundwater (mgd — fresh, not saline) ............................................ 187
- Percentage of total freshwater* supply for state .................. 13.6%

**Public Supply**
- Groundwater (mgd) .............................................................. 35.4
- Percentage of total groundwater ........................................ 18.9%
- Percentage of total public supply ........................................ 42.0%

**Individual Household**
- Groundwater (mgd) .............................................................. 3.69
- Percentage of total groundwater ........................................ 1.97%
- Percentage of total individual household supply ............... 100%

**Irrigation**
- Groundwater (mgd) .............................................................. 102.0
- Percentage of total groundwater ........................................ 54.5%
- Percentage of total irrigation ............................................. 43.8%

**Livestock/Aquaculture**
- Groundwater (mgd) .............................................................. 12.5
- Percentage of total groundwater ........................................ 6.68%
- Percentage of total livestock/aquaculture ..................... 47.9%

**Industrial, Self-Supplied**
- Groundwater (mgd) .............................................................. 6.18
- Percentage of total groundwater ........................................ 3.30%
- Percentage of total industrial, self-supplied .................. 31.5%

**Mining**
- Groundwater (mgd) .............................................................. 26.2
- Percentage of total groundwater ........................................ 14.01%
- Percentage of total mining ................................................. 85.3%

**Thermoelectric**
- Groundwater (mgd) .............................................................. 0.42
- Percentage of total groundwater ........................................ 0.22%
- Percentage of total thermoelectric .................................... 0.04%

*(mgd = million gallons per day)*

**Groundwater’s Role in North Dakota’s Economic Vitality**

- Approximately 26,500 known residential wells statewide.
- 218 community water systems use groundwater for 241,100 people.
- 7 non-community, non-transient water systems use groundwater for 716 people.
- 72 non-community, transient water systems use groundwater for 5,800 people.
- 1,480 irrigation wells used serving 326 farms and 155,000 acres.

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*North Dakota State Water Commission Water Permit Database.


*Census of Agriculture 2013 Farm and Ranch Irrigation Survey.*
North Dakota’s Groundwater Industry Employment

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

North Dakota’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

- 33 firms employ an estimated 1,203 people
- Annual estimated sales of $448.9 million

North Dakota’s Scientists and Engineers Employment
Geologists, hydrogeologists, engineers, geochemists, geophysicists, microbiologists, regulators.

Environmental Consulting8
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.

- 54 firms employ an estimated 179 people
- Annual estimated sales of $34.2 million

Remediation9
NAICS 56291: Establishments include those engaged in remediation and cleanup of contaminated buildings, mine sites, soil, or groundwater.

- 33 firms employ an estimated 226 people
- Annual estimated sales of $53.7 million

Public Service and Universities, Colleges, and Research Centers
- Many more dedicated individuals

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7 InfoUSA, SIC 1781, June 2019.