

New Mexico Private Wells Inventory

Arsenic Test Results Summary November 1973 – October 2018

| County | Number of tests | % Tests above MCL (10 mcg/L) | Concentration of Arsenic in Micrograms per Liter (mcg/L) | | | | | | |
|------------|-----------------|------------------------------|--|--------------------|-------|-----------------|--------|----------------|-------------------------|
| | | | Mean | Standard Deviation | Max | 95th Percentile | Median | 5th Percentile | Minimum Detected Value* |
| Bernalillo | 425 | 10.4 | 5.2 | 9.1 | 100.0 | 23.4 | 2.0 | 0.5 | 0.10 |
| Catron | 53 | 7.5 | 4.2 | 3.9 | 20.0 | 13.0 | 3.0 | 0.5 | 0.50 |
| Chaves | 121 | 0.0 | 2.2 | 1.4 | 5.0 | 5.0 | 2.0 | 0.5 | 0.50 |
| Cibola | 39 | 2.6 | 3.4 | 3.1 | 15.0 | 10.0 | 2.0 | 2.0 | 0.63 |
| Colfax | 65 | 1.5 | 2.7 | 9.8 | 80.0 | 2.7 | 2.0 | 0.5 | 0.50 |
| Curry | 25 | 0.0 | 3.8 | 1.2 | 6.8 | 6.4 | 4.0 | 1.8 | 1.70 |
| De Baca | 23 | 4.3 | 2.8 | 2.8 | 15.0 | 12.8 | 2.0 | 0.7 | 0.40 |
| Doña Ana | 404 | 50.3 | 17.3 | 18.8 | 100.0 | 60.0 | 11.0 | 1.3 | 0.70 |
| Eddy | 13 | 0.0 | 2.3 | 1.4 | 5.0 | 5.0 | 2.0 | 0.5 | 0.50 |
| Grant | 114 | 8.8 | 3.8 | 5.6 | 39.0 | 14.3 | 1.0 | 1.0 | 0.50 |
| Guadalupe | 4 | 0.0 | 1.9 | 1.0 | 3.0 | 3.0 | 2.0 | 0.5 | 0.50 |
| Harding | 4 | 0.0 | 1.5 | 0.6 | 2.0 | 2.0 | 1.7 | 0.7 | 0.74 |
| Hidalgo | 9 | 55.6 | 18.7 | 18.4 | 50.0 | 50.0 | 15.0 | 2.5 | 2.50 |
| Lea | 19 | 5.3 | 3.9 | 3.4 | 15.0 | 15.0 | 2.1 | 2.0 | 2.00 |
| Lincoln | 24 | 4.2 | 4.6 | 5.7 | 30.0 | 25.0 | 2.5 | 1.3 | 1.00 |
| Los Alamos | 5 | 20.0 | 6.5 | 3.2 | 10.4 | 10.4 | 5.7 | 2.5 | 2.50 |
| Luna | 73 | 9.6 | 5.8 | 8.1 | 60.0 | 16.5 | 4.0 | 2.0 | 1.00 |
| McKinley | 4 | 0.0 | 1.4 | 0.8 | 2.0 | 2.0 | 1.5 | 0.5 | 0.50 |
| Mora | 42 | 0.0 | 3.0 | 1.4 | 7.0 | 4.5 | 3.0 | 0.5 | 0.50 |
| Otero | 206 | 1.9 | 3.8 | 3.3 | 33.0 | 9.0 | 2.6 | 0.5 | 0.08 |
| Quay | 20 | 0.0 | 2.6 | 0.9 | 4.0 | 4.0 | 2.0 | 2.0 | 2.00 |
| Rio Arriba | 185 | 10.8 | 4.7 | 7.2 | 70.0 | 14.9 | 2.1 | 0.5 | 0.33 |
| Roosevelt | 34 | 26.5 | 6.1 | 4.9 | 15.0 | 15.0 | 4.0 | 1.4 | 1.25 |
| San Juan | 752 | 1.2 | 0.8 | 1.5 | 11.7 | 3.1 | 0.3 | 0.2 | 0.03 |
| San Miguel | 37 | 8.1 | 5.9 | 13.9 | 80.0 | 35.0 | 2.1 | 0.7 | 0.50 |
| Sandoval | 431 | 22.3 | 9.1 | 15.6 | 150.0 | 34.4 | 4.0 | 0.5 | 0.30 |
| Santa Fe | 1737 | 13.9 | 5.9 | 10.7 | 200.0 | 20.0 | 2.8 | 0.6 | 0.03 |
| Sierra | 54 | 3.7 | 4.1 | 7.0 | 50.0 | 11.1 | 2.5 | 0.6 | 0.50 |
| Socorro | 300 | 35.3 | 11.3 | 15.2 | 150.0 | 40.0 | 6.0 | 0.7 | 0.25 |
| Taos | 635 | 3.8 | 2.6 | 9.5 | 207.0 | 8.0 | 1.0 | 0.3 | 0.16 |
| Torrance | 68 | 4.4 | 2.7 | 6.5 | 48.5 | 11.1 | 0.5 | 0.5 | 0.50 |
| Union | 19 | 5.3 | 3.0 | 5.4 | 25.0 | 25.0 | 1.6 | 0.6 | 0.60 |
| Valencia | 59 | 32.2 | 10.0 | 10.8 | 55.7 | 25.0 | 6.0 | 0.5 | 0.50 |

- Indicates insufficient data to calculate statistics; N/A indicates Not Applicable; *Minimum detected value calculated as half the detection limit (DL) for concentrations less than DL; DL varies

<https://nmtracking.doh.nm.gov/environment/water/Arsenic.html>

Data Sources: NMED Water Fairs, NMBMMR private Wells, USGS NWIS private wells, NMDOH biomonitoring, Bernalillo County, Santa Fe County
Last Updated 08/2022

