

| Iowa Department of Public Health | 2013 - Iowa Adult Blood Lead Data Adults Tested for Lead by County | | | | | | | | | | | |
|----------------------------------|---|---------------|---------|--------------|------------|--------|--------------|----------|----------|---------------|----------------|-----------|
| | County Name | Adults Tested | BLL 20+ | BLL 10 to 19 | BLL 5 to 9 | BLL <5 | 5+ BLL Total | % 5+ BLL | % <5 BLL | 10+ BLL Total | < 10 BLL Total | % 10+ BLL |
| ADAIR | 4 | 0 | 0 | 0 | 4 | 0 | 0% | 0% | 0 | 4 | 0% | 100% |
| ADAMS | 5 | 0 | 2 | 1 | 2 | 3 | 60% | 40% | 2 | 3 | 40% | 60% |
| ALLAMAKEE | 11 | 0 | 0 | 0 | 11 | 0 | 0% | 100% | 0 | 11 | 0% | 100% |
| APPANOOSE | 54 | 20 | 18 | 6 | 10 | 44 | 81% | 19% | 38 | 16 | 70% | 30% |
| AUDUBON | 4 | 0 | 2 | 0 | 2 | 2 | 50% | 50% | 2 | 2 | 50% | 50% |
| BENTON | 15 | 1 | 2 | 4 | 8 | 7 | 47% | 53% | 3 | 12 | 20% | 80% |
| BLACK HAWK | 88 | 3 | 0 | 5 | 80 | 8 | 9% | 91% | 3 | 85 | 3% | 97% |
| BOONE | 20 | 0 | 0 | 3 | 17 | 3 | 15% | 85% | 0 | 20 | 0% | 100% |
| BREMER | 15 | 0 | 0 | 1 | 14 | 1 | 7% | 93% | 0 | 15 | 0% | 100% |
| BUCHANAN | 54 | 21 | 14 | 5 | 14 | 40 | 74% | 26% | 35 | 19 | 65% | 35% |
| BUENA VISTA | 5 | 1 | 1 | 1 | 2 | 3 | 60% | 40% | 2 | 3 | 40% | 60% |
| BUTLER | 7 | 1 | 0 | 1 | 5 | 2 | 29% | 71% | 1 | 6 | 14% | 86% |
| CALHOUN | 7 | 0 | 0 | 0 | 7 | 0 | 0% | 100% | 0 | 7 | 0% | 100% |
| CARROLL | 22 | 0 | 0 | 4 | 18 | 4 | 18% | 82% | 0 | 22 | 0% | 100% |
| CASS | 6 | 0 | 2 | 2 | 2 | 4 | 67% | 33% | 2 | 4 | 33% | 67% |
| CEDAR | 15 | 0 | 1 | 3 | 11 | 4 | 27% | 73% | 1 | 14 | 7% | 93% |
| CERRO GORDO | 22 | 0 | 0 | 3 | 19 | 3 | 14% | 86% | 0 | 22 | 0% | 100% |
| CHEROKEE | 3 | 0 | 0 | 1 | 2 | 1 | 33% | 67% | 0 | 3 | 0% | 100% |
| CHICKASAW | 4 | 0 | 0 | 1 | 3 | 1 | 25% | 75% | 0 | 4 | 0% | 100% |
| CLARKE | 4 | 1 | 1 | 0 | 2 | 2 | 50% | 50% | 2 | 2 | 50% | 50% |
| CLAY | 2 | 0 | 0 | 0 | 2 | 0 | 0% | 100% | 0 | 2 | 0% | 100% |
| CLAYTON | 76 | 28 | 28 | 4 | 16 | 60 | 79% | 21% | 56 | 20 | 74% | 26% |
| CLINTON | 77 | 2 | 2 | 7 | 66 | 11 | 14% | 86% | 4 | 73 | 5% | 95% |
| CRAWFORD | 4 | 0 | 0 | 0 | 4 | 0 | 0% | 100% | 0 | 4 | 0% | 100% |
| DALLAS | 32 | 0 | 0 | 1 | 31 | 1 | 3% | 97% | 0 | 32 | 0% | 100% |
| DAVIS | 3 | 0 | 1 | 1 | 1 | 2 | 67% | 33% | 1 | 2 | 33% | 67% |
| DECATUR | 13 | 4 | 3 | 1 | 5 | 8 | 62% | 38% | 7 | 6 | 54% | 46% |
| DELAWARE | 278 | 129 | 113 | 16 | 20 | 258 | 93% | 7% | 242 | 36 | 87% | 13% |
| DES MOINES | 17 | 0 | 1 | 1 | 15 | 2 | 12% | 88% | 1 | 16 | 6% | 94% |

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| DICKINSON | 8 | 0 | 0 | 0 | 8 | 0 | 0% | 100% | 0 | 8 | 0% | 100% |
| DUBUQUE | 180 | 46 | 67 | 32 | 35 | 145 | 81% | 19% | 113 | 67 | 63% | 37% |
| EMMET | 9 | 0 | 0 | 3 | 6 | 3 | 33% | 67% | 0 | 9 | 0% | 100% |
| FAYETTE | 35 | 9 | 6 | 5 | 15 | 20 | 57% | 43% | 15 | 20 | 43% | 57% |
| FLOYD | 6 | 0 | 0 | 1 | 5 | 1 | 17% | 83% | 0 | 6 | 0% | 100% |
| FRANKLIN | 2 | 0 | 0 | 0 | 2 | 0 | 0% | 100% | 0 | 2 | 0% | 100% |
| FREMONT | 7 | 0 | 2 | 3 | 2 | 5 | 71% | 29% | 2 | 5 | 29% | 71% |
| GREENE | 10 | 0 | 0 | 0 | 10 | 0 | 0% | 100% | 0 | 10 | 0% | 100% |
| GRUNDY | 9 | 1 | 0 | 0 | 8 | 1 | 11% | 89% | 1 | 8 | 11% | 89% |
| GUTHRIE | 7 | 0 | 0 | 0 | 7 | 0 | 0% | 100% | 0 | 7 | 0% | 100% |
| HAMILTON | 12 | 0 | 0 | 0 | 12 | 0 | 0% | 100% | 0 | 12 | 0% | 100% |
| HANCOCK | 6 | 0 | 1 | 0 | 5 | 1 | 17% | 83% | 1 | 5 | 17% | 83% |
| HARDIN | 20 | 0 | 0 | 7 | 13 | 7 | 35% | 65% | 0 | 20 | 0% | 100% |
| HARRISON | 10 | 0 | 0 | 2 | 8 | 2 | 20% | 80% | 0 | 10 | 0% | 100% |
| HENRY | 13 | 0 | 0 | 2 | 11 | 2 | 15% | 85% | 0 | 13 | 0% | 100% |
| HOWARD | 7 | 0 | 0 | 0 | 7 | 0 | 0% | 100% | 0 | 7 | 0% | 100% |
| HUMBOLDT | 5 | 0 | 0 | 1 | 4 | 1 | 20% | 80% | 0 | 5 | 0% | 100% |
| IDA | 1 | 0 | 0 | 0 | 1 | 0 | 0% | 100% | 0 | 1 | 0% | 100% |
| IOWA | 5 | 0 | 0 | 0 | 5 | 0 | 0% | 100% | 0 | 5 | 0% | 100% |
| JACKSON | 23 | 2 | 3 | 4 | 14 | 9 | 39% | 61% | 5 | 18 | 22% | 78% |
| JASPER | 21 | 0 | 0 | 0 | 21 | 0 | 0% | 100% | 0 | 21 | 0% | 100% |
| JEFFERSON | 60 | 1 | 16 | 26 | 17 | 43 | 72% | 28% | 17 | 43 | 28% | 72% |
| JOHNSON | 83 | 2 | 1 | 1 | 79 | 4 | 5% | 95% | 3 | 80 | 4% | 96% |
| JONES | 19 | 1 | 4 | 3 | 11 | 8 | 42% | 58% | 5 | 14 | 26% | 74% |
| KEOKUK | 17 | 0 | 4 | 5 | 8 | 9 | 53% | 47% | 4 | 13 | 24% | 76% |
| KOSSUTH | 8 | 0 | 0 | 0 | 8 | 0 | 0% | 100% | 0 | 8 | 0% | 100% |
| LEE | 27 | 0 | 1 | 4 | 22 | 5 | 19% | 81% | 1 | 26 | 4% | 96% |
| LINN | 167 | 10 | 8 | 15 | 134 | 33 | 20% | 80% | 18 | 149 | 11% | 89% |
| LOUISA | 15 | 0 | 2 | 3 | 10 | 5 | 33% | 67% | 2 | 13 | 13% | 87% |

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| LUCAS | 50 | 22 | 14 | 6 | 8 | 42 | 84% | 16% | 36 | 14 | 72% | 28% |
| LYON | 3 | 0 | 0 | 0 | 3 | 0 | 0% | 100% | 0 | 3 | 0% | 100% |
| MADISON | 13 | 0 | 1 | 0 | 12 | 1 | 8% | 92% | 1 | 12 | 8% | 92% |
| MAHASKA | 54 | 1 | 8 | 19 | 26 | 28 | 52% | 48% | 9 | 45 | 17% | 83% |
| MARION | 13 | 0 | 0 | 3 | 10 | 3 | 23% | 77% | 0 | 13 | 0% | 100% |
| MARSHALL | 27 | 1 | 0 | 3 | 23 | 4 | 15% | 85% | 1 | 26 | 4% | 96% |
| MILLS | 17 | 0 | 4 | 4 | 9 | 8 | 47% | 53% | 4 | 13 | 24% | 76% |
| MITCHELL | 4 | 1 | 1 | 0 | 2 | 2 | 50% | 50% | 2 | 2 | 50% | 50% |
| MONONA | 5 | 0 | 0 | 0 | 5 | 0 | 0% | 100% | 0 | 5 | 0% | 100% |
| MONROE | 14 | 4 | 5 | 1 | 4 | 10 | 71% | 29% | 9 | 5 | 64% | 36% |
| MONTGOMERY | 48 | 0 | 26 | 14 | 8 | 40 | 83% | 17% | 26 | 22 | 54% | 46% |
| MUSCATINE | 70 | 1 | 2 | 15 | 52 | 18 | 26% | 74% | 3 | 67 | 4% | 96% |
| O' BRIEN | 8 | 0 | 0 | 0 | 8 | 0 | 0% | 100% | 0 | 8 | 0% | 100% |
| OSCEOLA | 1 | 0 | 0 | 0 | 1 | 0 | 0% | 100% | 0 | 1 | 0% | 100% |
| PAGE | 25 | 0 | 8 | 9 | 8 | 17 | 68% | 32% | 8 | 17 | 32% | 68% |
| PALO ALTO | 5 | 0 | 0 | 1 | 4 | 1 | 20% | 80% | 0 | 5 | 0% | 100% |
| PLYMOUTH | 6 | 0 | 0 | 1 | 5 | 1 | 17% | 83% | 0 | 6 | 0% | 100% |
| POCAHONTAS | 4 | 1 | 0 | 1 | 2 | 2 | 50% | 50% | 1 | 3 | 25% | 75% |
| POLK | 291 | 0 | 3 | 14 | 274 | 17 | 6% | 94% | 3 | 288 | 1% | 99% |
| POTTAWATTAMIE | 38 | 0 | 1 | 2 | 35 | 3 | 8% | 92% | 1 | 37 | 3% | 97% |
| POWESHIEK | 15 | 0 | 0 | 2 | 13 | 2 | 13% | 87% | 0 | 15 | 0% | 100% |
| RINGGOLD | 2 | 0 | 0 | 1 | 1 | 1 | 50% | 50% | 0 | 2 | 0% | 100% |
| SAC | 11 | 0 | 0 | 1 | 10 | 1 | 9% | 91% | 0 | 11 | 0% | 100% |
| SCOTT | 335 | 7 | 14 | 47 | 267 | 68 | 20% | 80% | 21 | 314 | 6% | 94% |
| SHELBY | 2 | 1 | 0 | 0 | 1 | 1 | 50% | 50% | 1 | 1 | 50% | 50% |
| SIoux | 8 | 1 | 0 | 0 | 7 | 1 | 13% | 88% | 1 | 7 | 13% | 88% |
| STORY | 53 | 1 | 1 | 3 | 48 | 5 | 9% | 91% | 2 | 51 | 4% | 96% |
| TAMA | 9 | 0 | 0 | 0 | 9 | 0 | 0% | 100% | 0 | 9 | 0% | 100% |
| TAYLOR | 6 | 0 | 0 | 1 | 5 | 1 | 17% | 83% | 0 | 6 | 0% | 100% |

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| UNION | 4 | 0 | 1 | 0 | 3 | 1 | 25% | 75% | 1 | 3 | 25% | 75% |
| VAN BUREN | 5 | 0 | 0 | 1 | 4 | 1 | 20% | 80% | 0 | 5 | 0% | 100% |
| WAPELLO | 51 | 1 | 12 | 12 | 26 | 25 | 49% | 51% | 13 | 38 | 25% | 75% |
| WARREN | 21 | 2 | 1 | 1 | 17 | 4 | 19% | 81% | 3 | 18 | 14% | 86% |
| WASHINGTON | 20 | 0 | 0 | 2 | 18 | 2 | 10% | 90% | 0 | 20 | 0% | 100% |
| WAYNE | 174 | 70 | 36 | 20 | 48 | 126 | 72% | 28% | 106 | 68 | 61% | 39% |
| WEBSTER | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| WINNEBAGO | 5 | 0 | 0 | 0 | 5 | 0 | 0% | 100% | 0 | 5 | 0% | 100% |
| WINNESHIEK | 16 | 0 | 0 | 1 | 15 | 1 | 6% | 94% | 0 | 16 | 0% | 100% |
| WOODBURY | 65 | 3 | 4 | 10 | 48 | 17 | 26% | 74% | 7 | 58 | 11% | 89% |
| WORTH | 2 | 0 | 0 | 0 | 2 | 0 | 0% | 100% | 0 | 2 | 0% | 100% |
| WRIGHT | 7 | 0 | 0 | 1 | 6 | 1 | 14% | 86% | 0 | 7 | 0% | 100% |
| STATE TOTALS | 3166 | 400 | 448 | 385 | 1933 | 1233 | 39% | 61% | 848 | 2318 | 27% | 73% |

Data and inclusion criteria:

- 1) The person tested was an Iowa resident at the time of the test based on the reported address.
- 2) The person tested was 16 years of age or older at the time of the test.
- 3) Only the highest test result in the calendar year for each person was used in analysis.
- 4) Results are grouped by ranges of Blood Lead Level (BLL) results, which are given in micrograms per deciliter (mcg/dL).
- 5) As of December 2015, a BLL of 5 mcg/dL or higher was used as the reference level for a test to be considered an elevated blood lead level (EBL) by public health standards for adults in Iowa. Prior to December 2015, the public health EBL reference level for Iowa adults was 10 mcg/dL or higher. Regulatory standards under OSHA currently allow much higher exposures. See "NIOSH Chart of Blood Lead Level References for Adults in the US" posted at idph.iowa.gov/lpp/surveillance. Numbers and percentages are shown at both reference levels.