# Iowa Environmental Public Health Tracking Network

## Nationally Consistent Data Measures for Childhood Lead

## County Level Childhood Blood Lead Testing, Year 2000 Birth Cohort

Presented below are data that represent the nationally consistent data measures related to childhood blood lead testing in Iowa for the Year 2000 birth cohort:

This report contains the following NCDMs at the County Level

- The number of children tested for lead prior to 36 months of age
- The percent of children tested for lead prior to 36 months of age

The percent for a county can be greater than 100%. This will happen if the number of children born in 2000 and tested in a county prior to 36 months of age is greater than the number of children born in 2000 to resident mothers in the county. This can occur due to families moving county to county or into a county from other states.

Example: For the 2006 birth cohort in Hardin County

Numerator: 203 children born in 2006 were blood lead tested prior to 36 months of age while living in Hardin County

Denominator: 196 children were born to Hardin County women in 2006

Measure: 203/196 = 1.0357 or 103.57%

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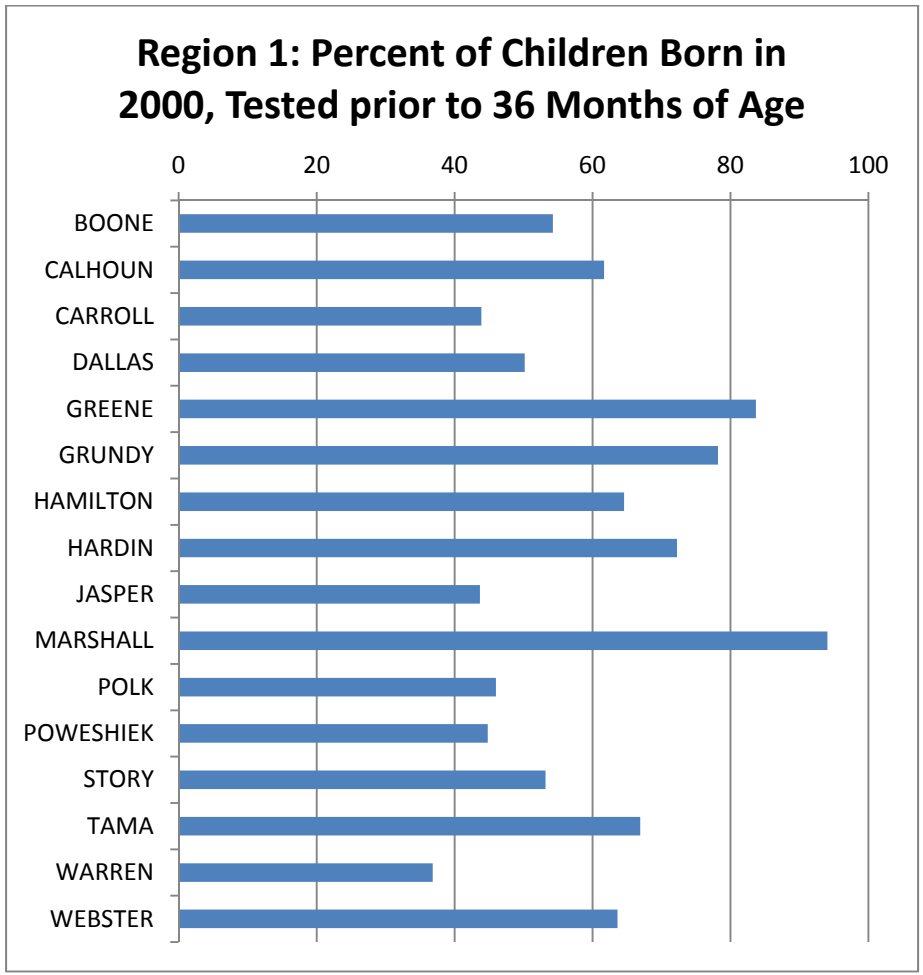
# Iowa Environmental Public Health Tracking Network

1. Counts and percent of children born in 2000 and blood lead tested prior to 36 months of age at County level by Public Health Region.

# Region 1

| Region 1: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Boone | 172 | 54.26 |
| Calhoun | 66 | 61.68 |
| Carroll | 115 | 43.89 |
| Dallas | 284 | 50.18 |
| Greene | 77 | 83.7 |
| Grundy | 104 | 78.2 |
| Hamilton | 124 | 64.58 |
| Hardin | 151 | 72.25 |
| Jasper | 200 | 43.67 |
| Marshall | 523 | 94.06 |
| Polk | 2861 | 45.99 |
| Poweshiek | 95 | 44.81 |
| Story | 500 | 53.19 |
| Tama | 168 | 66.93 |
| Warren | 189 | 36.84 |
| Webster | 313 | 63.62 |

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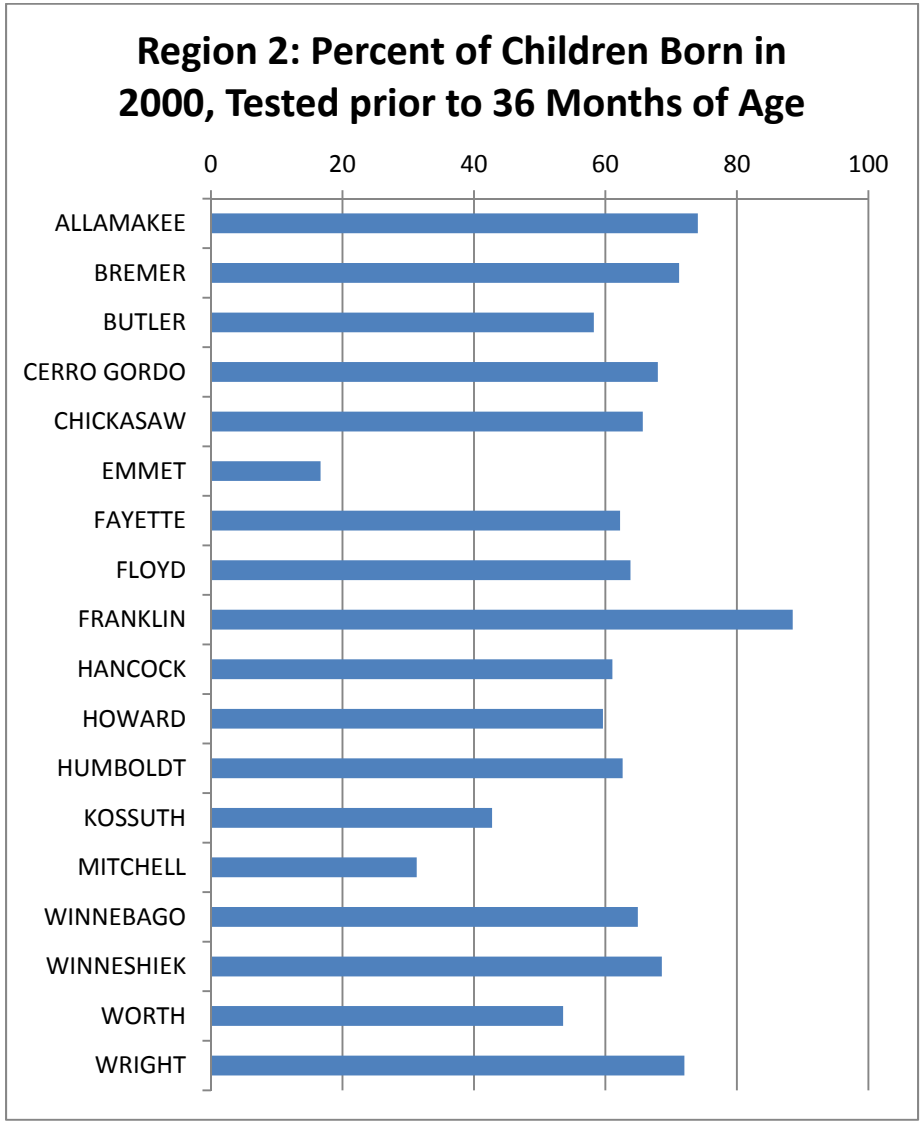
# Iowa Environmental Public Health Tracking Network

## Region 2

| Region 2: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Allamakee | 117 | 74.05 |
| Bremer | 178 | 71.2 |
| Butler | 99 | 58.24 |
| Cerro Gordo | 361 | 67.98 |
| Chickasaw | 111 | 65.68 |
| Emmet | 21 | 16.67 |
| Fayette | 145 | 62.23 |
| Floyd | 127 | 63.82 |
| Franklin | 100 | 88.5 |
| Hancock | 80 | 61.07 |
| Howard | 65 | 59.63 |
| Humboldt | 62 | 62.63 |
| Kossuth | 71 | 42.77 |
| Mitchell | 41 | 31.3 |
| Winnebago | 87 | 64.93 |
| Winneshiek | 131 | 68.59 |
| Worth | 45 | 53.57 |
| Wright | 121 | 72.02 |

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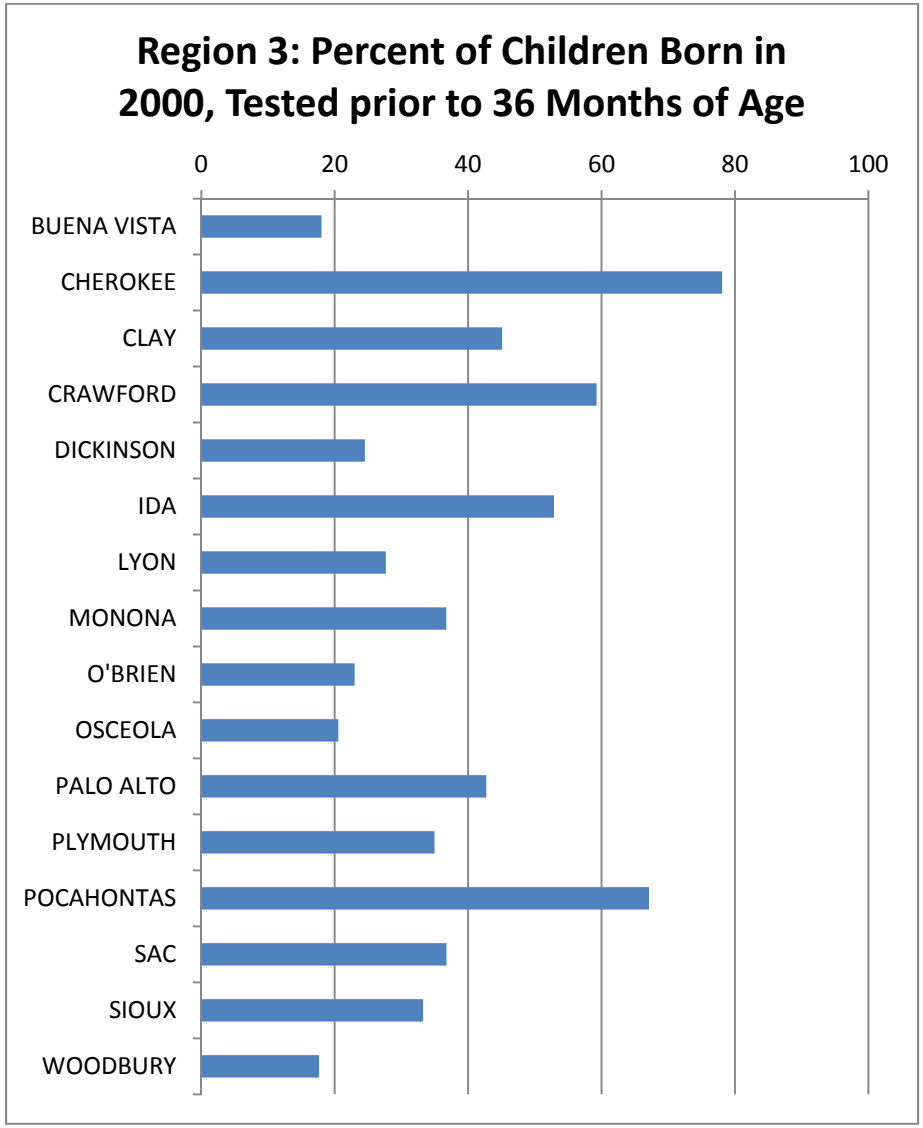
# Iowa Environmental Public Health Tracking Network

## Region 3

| Region 3: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Buena Vista | 42 | 18.03 |
| Cherokee | 114 | 78.08 |
| Clay | 92 | 45.1 |
| Crawford | 112 | 59.26 |
| Dickinson | 39 | 24.53 |
| Ida | 37 | 52.86 |
| Lyon | 44 | 27.67 |
| Monona | 36 | 36.73 |
| Obrien | 43 | 22.99 |
| Osceola | 15 | 20.55 |
| Palo Alto | 47 | 42.73 |
| Plymouth | 108 | 34.95 |
| Pocahontas | 49 | 67.12 |
| Sac | 50 | 36.76 |
| Sioux | 152 | 33.26 |
| Woodbury | 299 | 17.67 |

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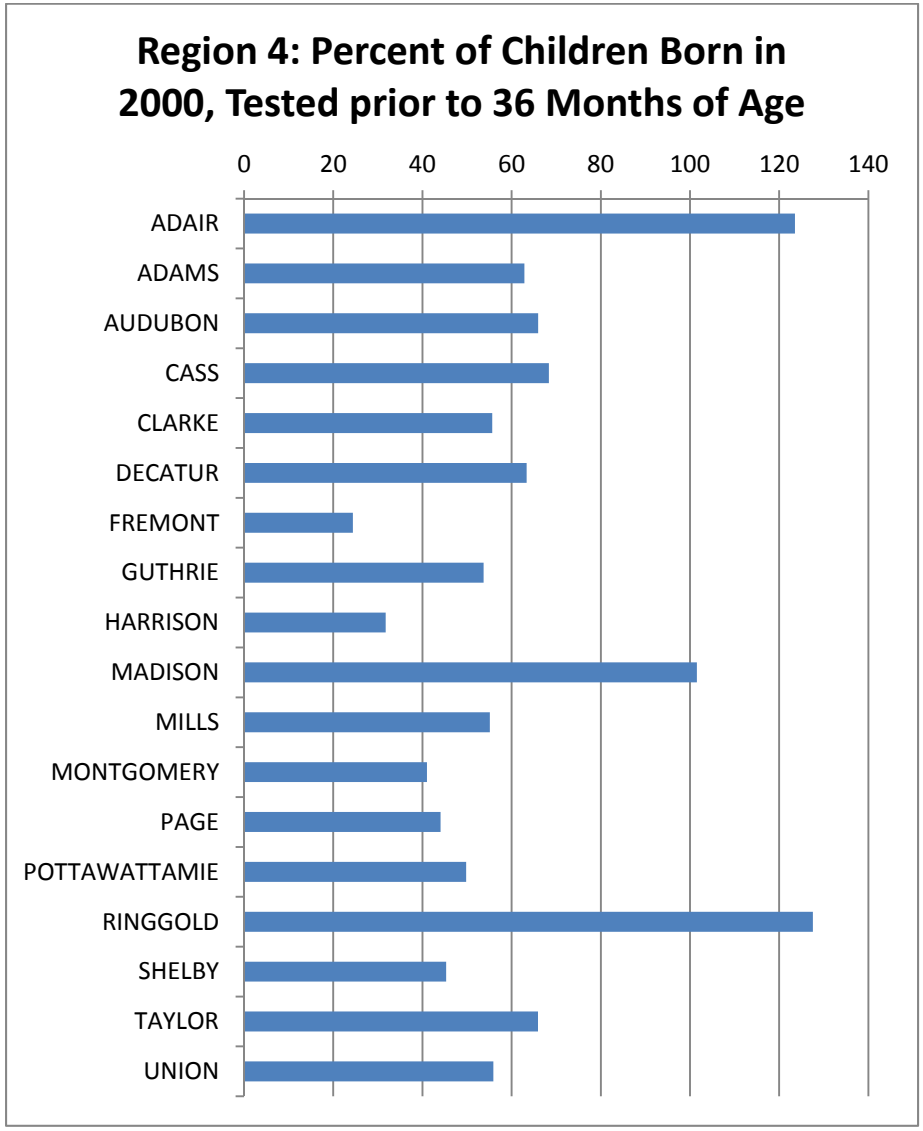
# Iowa Environmental Public Health Tracking Network

## Region 4

| Region 4: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Adair | 84 | 123.53 |
| Adams | 22 | 62.86 |
| Audubon | 31 | 65.96 |
| Cass | 108 | 68.35 |
| Clarke | 54 | 55.67 |
| Decatur | 64 | 63.37 |
| Fremont | 20 | 24.39 |
| Guthrie | 72 | 53.73 |
| Harrison | 61 | 31.77 |
| Madison | 199 | 101.53 |
| Mills | 86 | 55.13 |
| Montgomery | 57 | 41.01 |
| Page | 74 | 44.05 |
| Pottawattamie | 590 | 49.79 |
| Ringgold | 88 | 127.54 |
| Shelby | 68 | 45.33 |
| Taylor | 58 | 65.91 |
| Union | 71 | 55.91 |

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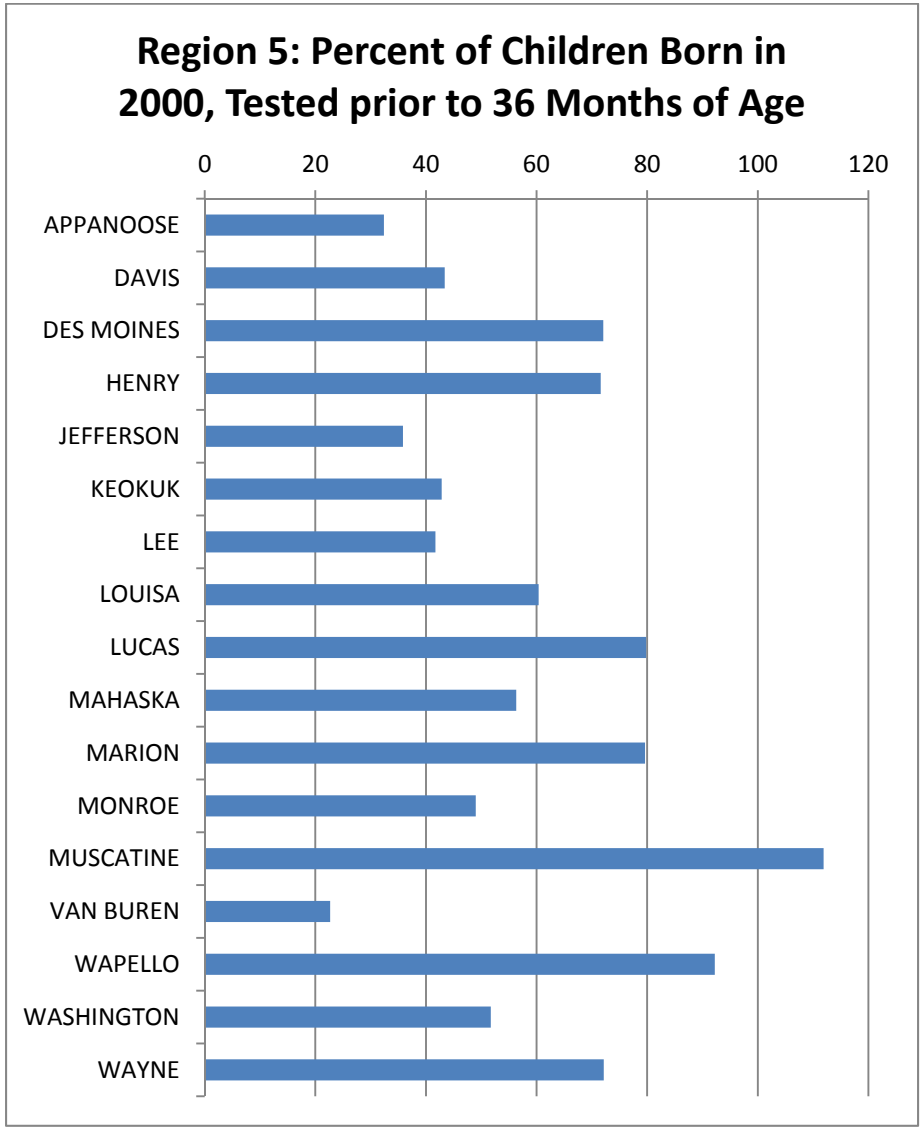
# Iowa Environmental Public Health Tracking Network

## Region 5

| Region 5: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Appanoose | 46 | 32.39 |
| Davis | 56 | 43.41 |
| Des Moines | 400 | 72.07 |
| Henry | 189 | 71.59 |
| Jefferson | 52 | 35.86 |
| Keokuk | 66 | 42.86 |
| Lee | 171 | 41.71 |
| Louisa | 99 | 60.37 |
| Lucas | 95 | 79.83 |
| Mahaska | 160 | 56.34 |
| Marion | 305 | 79.63 |
| Monroe | 50 | 49.02 |
| Muscatine | 714 | 111.91 |
| Van Buren | 22 | 22.68 |
| Wapello | 391 | 92.22 |
| Washington | 150 | 51.72 |
| Wayne | 57 | 72.15 |

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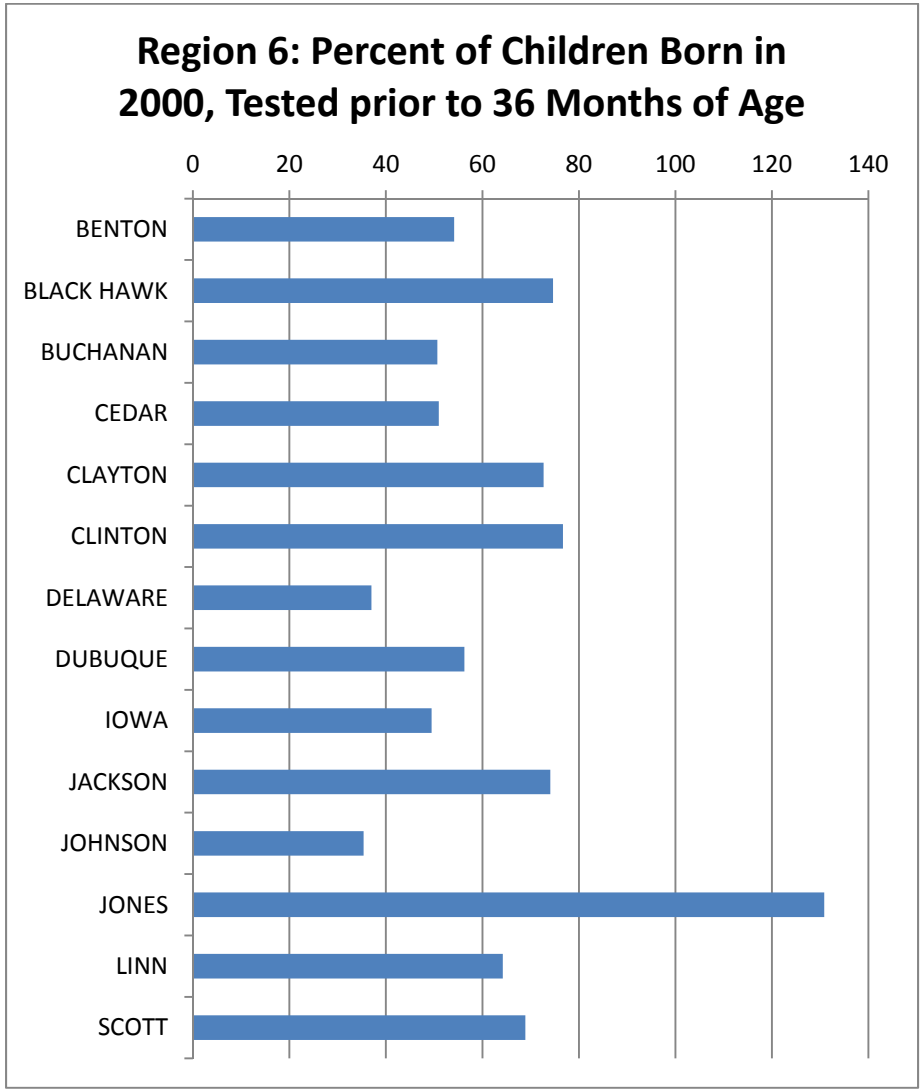
# Iowa Environmental Public Health Tracking Network

## Region 6

| Region 6: Incidence of Childhood Lead Testing in 2000 Birth Cohort | | |
|---|---|---|
| County | Children Tested | Percent |
| Benton | 176 | 54.15 |
| Black Hawk | 1159 | 74.63 |
| Buchanan | 153 | 50.66 |
| Cedar | 105 | 50.97 |
| Clayton | 141 | 72.68 |
| Clinton | 454 | 76.69 |
| Delaware | 84 | 37 |
| Dubuque | 687 | 56.27 |
| Iowa | 91 | 49.46 |
| Jackson | 177 | 74.06 |
| Johnson | 489 | 35.38 |
| Jones | 297 | 130.84 |
| Linn | 1745 | 64.23 |
| Scott | 1618 | 68.91 |

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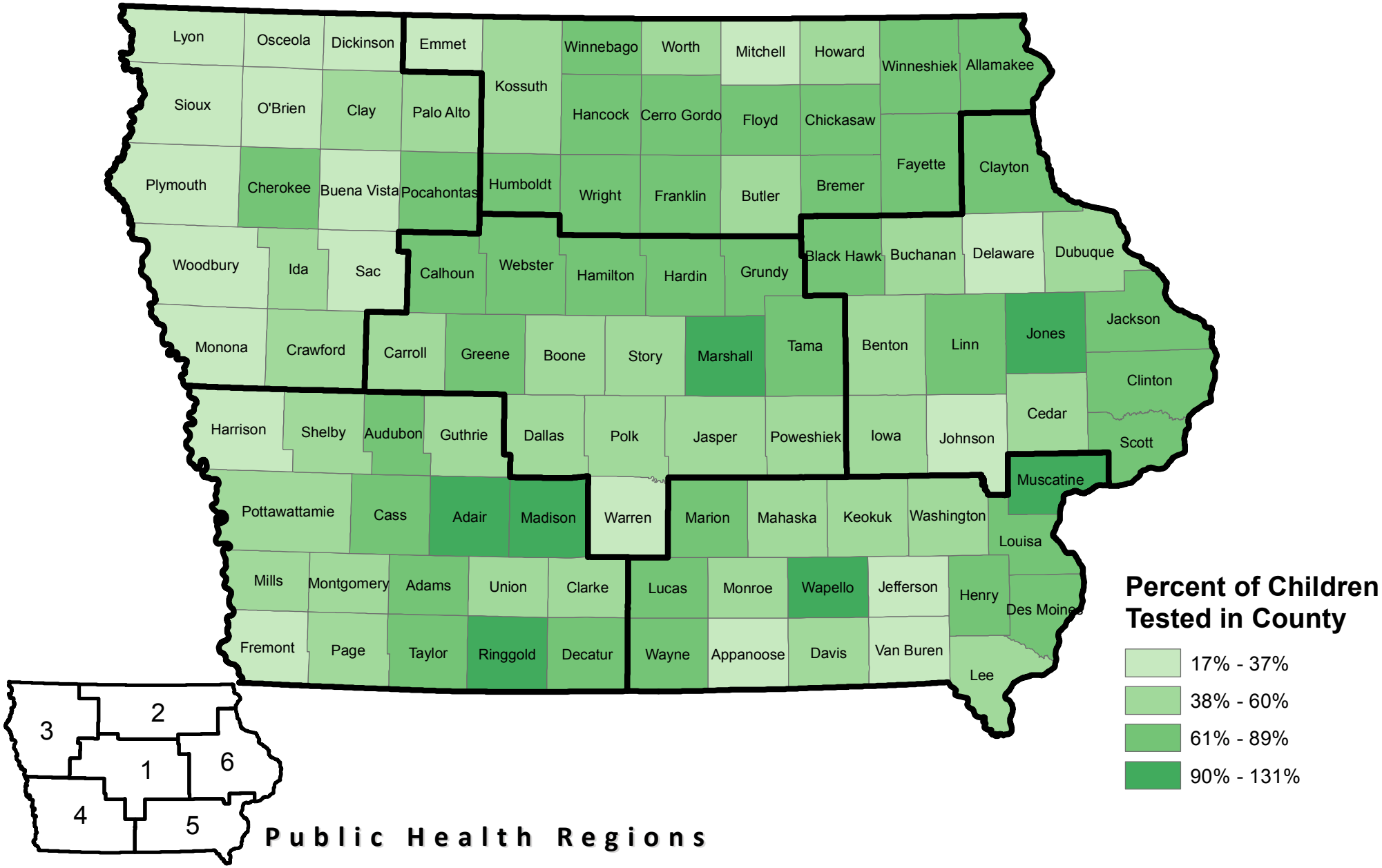
# Childhood Lead Poisoning: Percent of Children Born in 2000 Tested for Lead Before 36 Months of Age