Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Childhood Lead

County Level Childhood Blood Lead Testing, Year 2002 Birth Cohort

Presented below are data that represent the nationally consistent data measures related to childhood blood lead testing in Iowa for the Year 2002 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 2002 and tested in a county prior to 36 months of age is greater than the number of children born in 2002 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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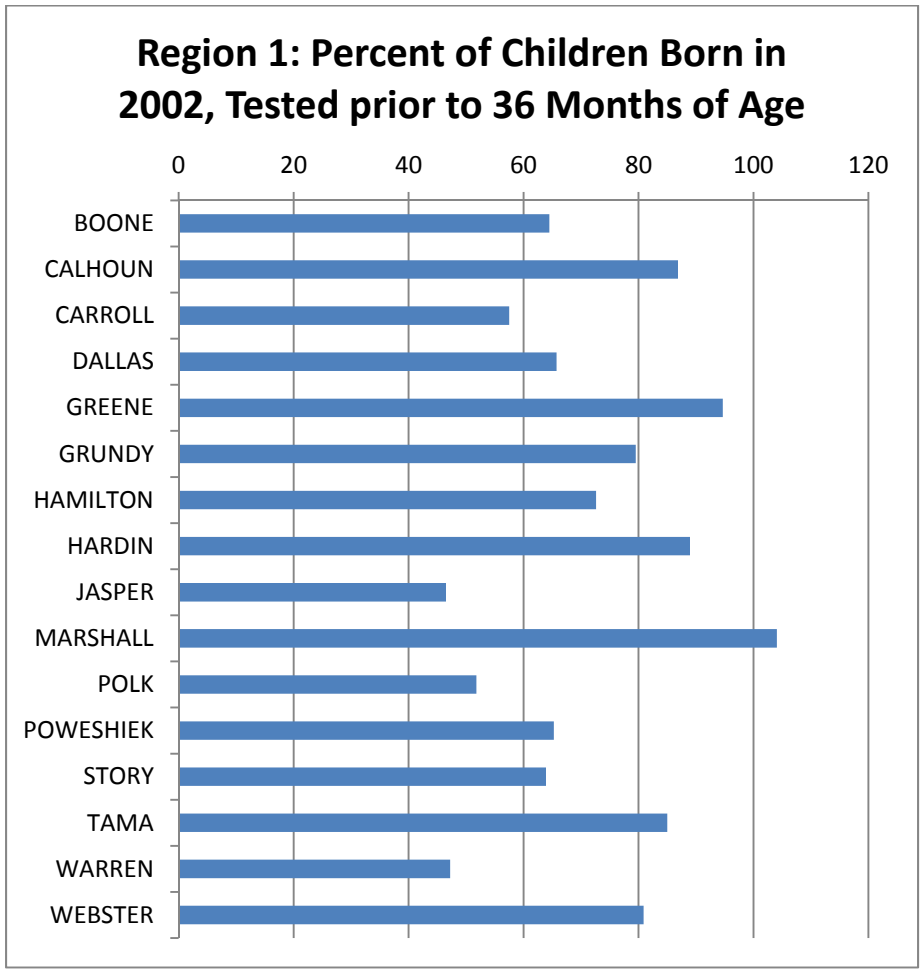
1. Counts and percent of children born in 2002 and blood lead tested prior to 36 months of age at County level by Public Health Region.

Region 1

Region 1: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Boone	187	64.48
Calhoun	86	86.87
Carroll	138	57.5
Dallas	397	65.73
Greene	89	94.68
Grundy	101	79.53
Hamilton	130	72.63
Hardin	169	88.95
Jasper	213	46.51
Marshall	561	104.08
Polk	3181	51.8
Poweshiek	126	65.28
Story	590	63.92
Tama	187	85
Warren	231	47.24
Webster	381	80.89



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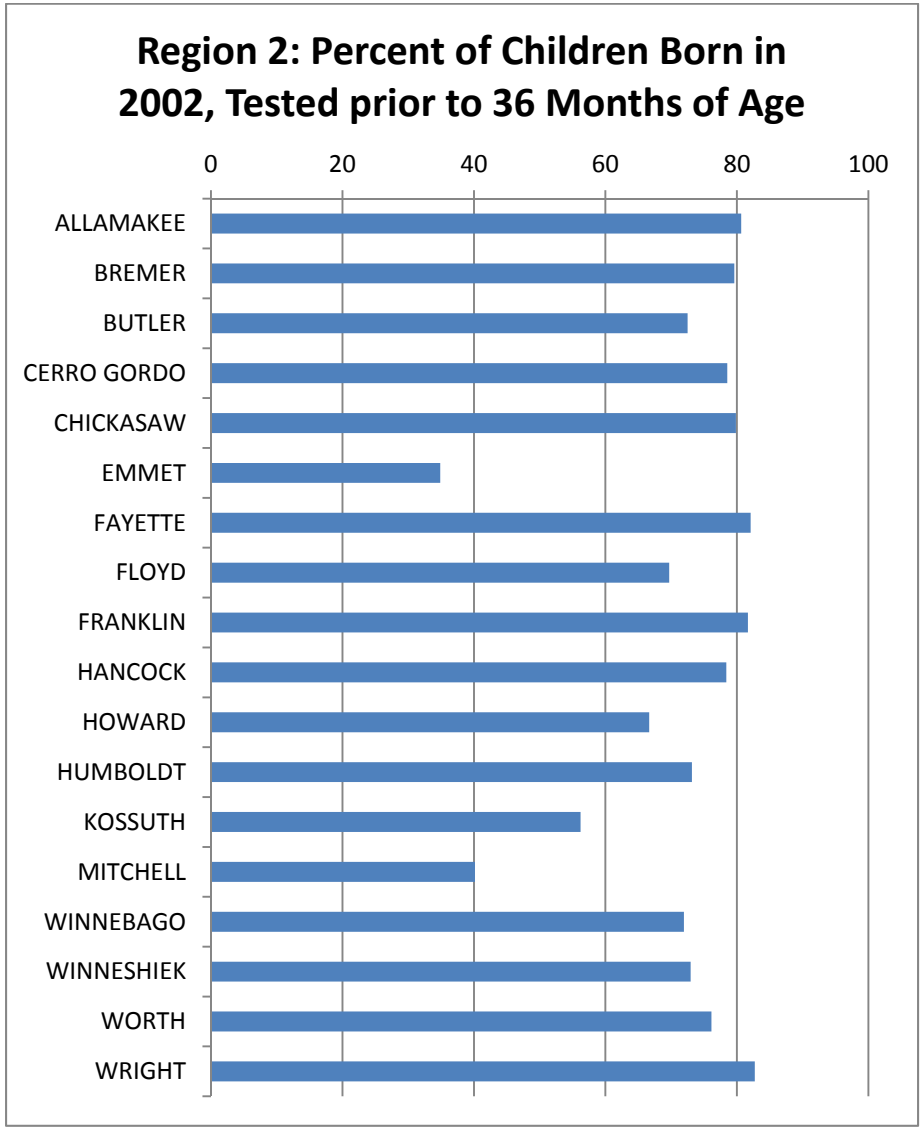
Region 2

Region 2: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Allamakee	150	80.65
Bremer	203	79.61
Butler	116	72.5
Cerro Gordo	395	78.53
Chickasaw	107	79.85
Emmet	45	34.88
Fayette	165	82.09
Floyd	122	69.71
Franklin	98	81.67
Hancock	87	78.38
Howard	74	66.67
Humboldt	79	73.15
Kossuth	95	56.21
Mitchell	51	40.16
Winnebago	82	71.93
Winneshiek	143	72.96
Worth	51	76.12
Wright	134	82.72



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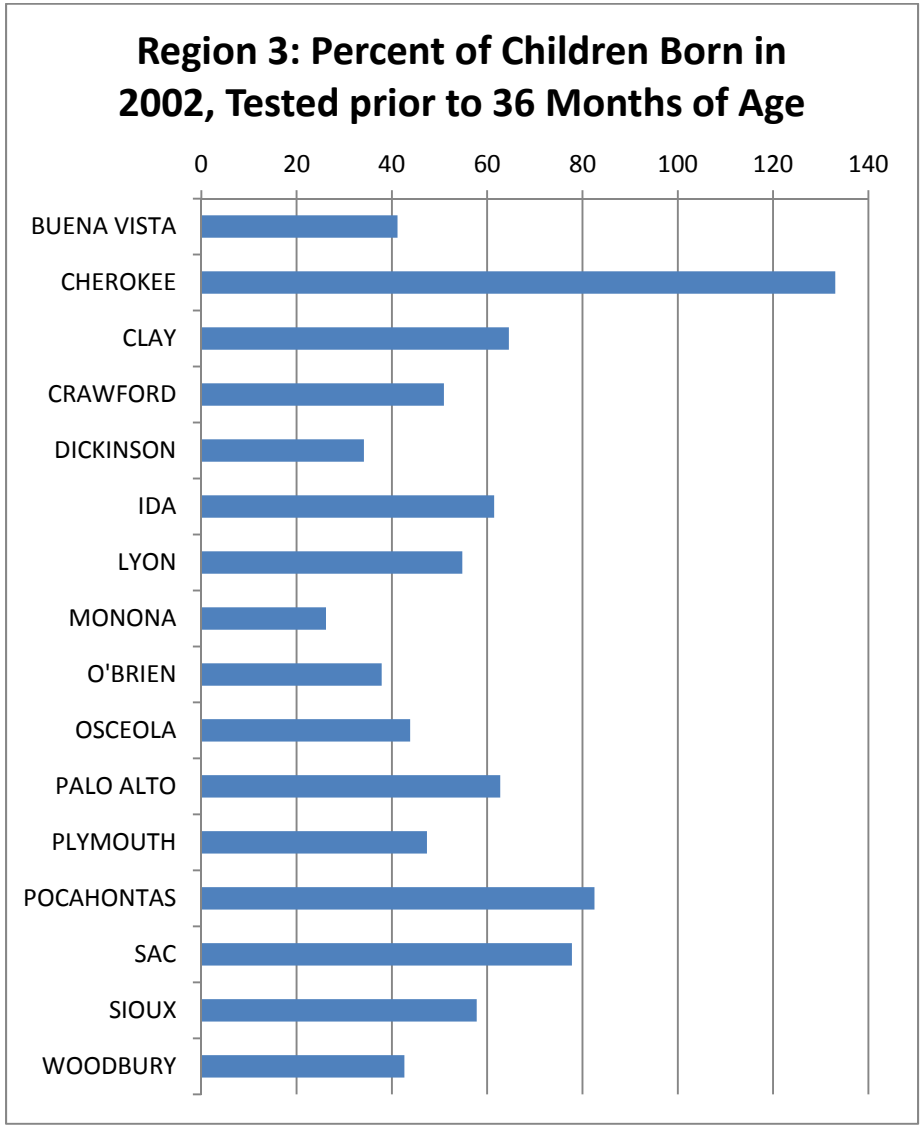
Region 3

Region 3: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Buena Vista	105	41.18
Cherokee	153	133.04
Clay	122	64.55
Crawford	111	50.92
Dickinson	58	34.12
Ida	59	61.46
Lyon	86	54.78
Monona	28	26.17
Obrien	64	37.87
Osceola	32	43.84
Palo Alto	69	62.73
Plymouth	143	47.35
Pocahontas	66	82.5
Sac	70	77.78
Sioux	267	57.79
Woodbury	678	42.61



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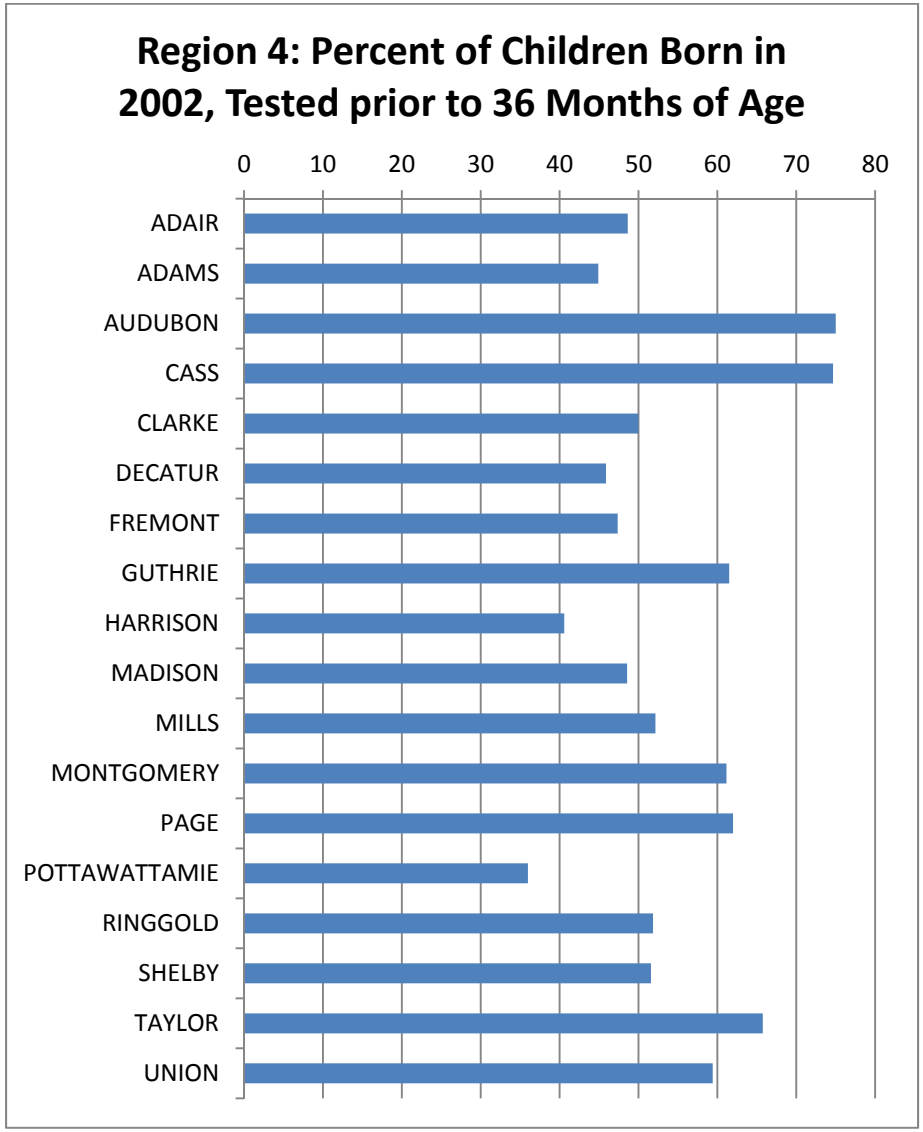
Region 4

Region 4: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Adair	36	48.65
Adams	22	44.9
Audubon	36	75
Cass	109	74.66
Clarke	55	50
Decatur	39	45.88
Fremont	36	47.37
Guthrie	91	61.49
Harrison	69	40.59
Madison	101	48.56
Mills	85	52.15
Montgomery	85	61.15
Page	106	61.99
Pottawattamie	425	35.99
Ringgold	28	51.85
Shelby	81	51.59
Taylor	48	65.75
Union	82	59.42



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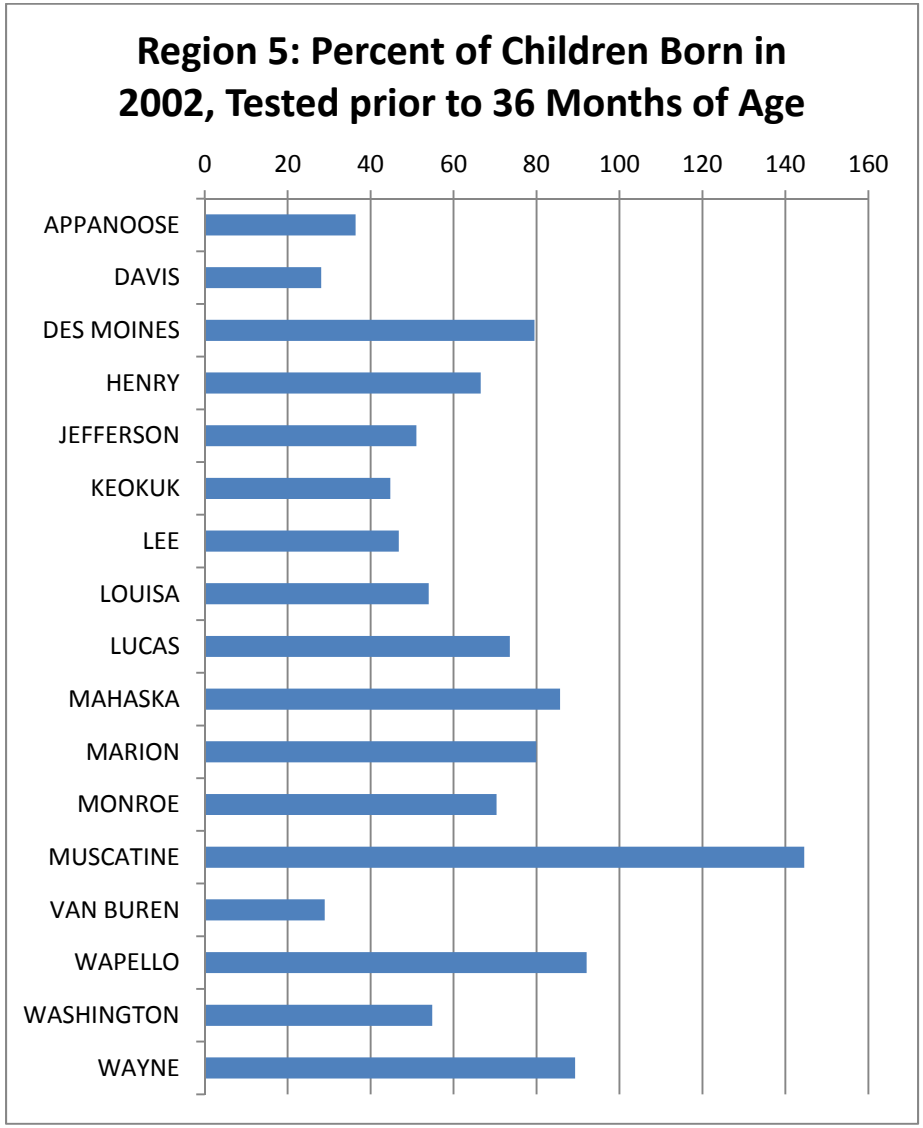
Region 5

Region 5: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Appanoose	56	36.36
Davis	32	28.07
Des Moines	396	79.52
Henry	159	66.53
Jefferson	75	51.02
Keokuk	64	44.76
Lee	189	46.78
Louisa	108	54
Lucas	78	73.58
Mahaska	215	85.66
Marion	338	79.91
Monroe	57	70.37
Muscatine	912	144.53
Van Buren	24	28.92
Wapello	406	92.06
Washington	169	54.87
Wayne	75	89.29



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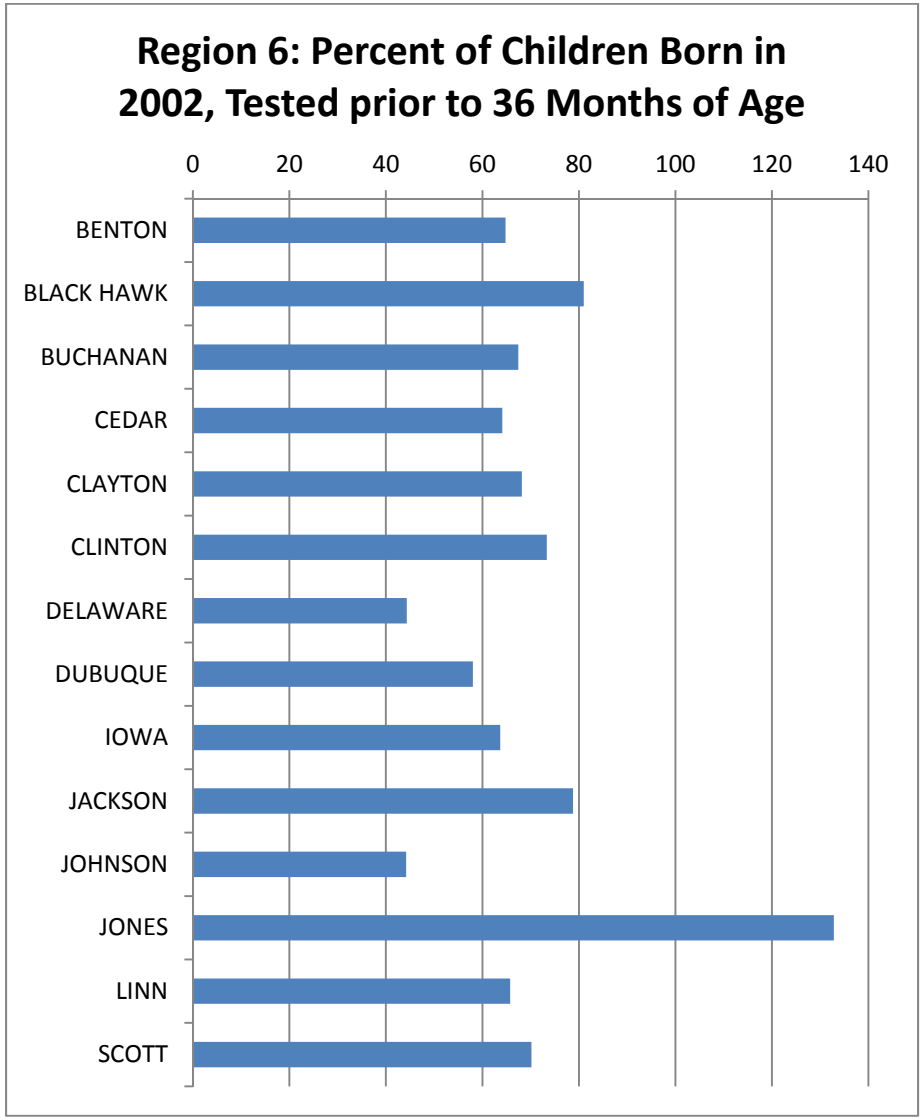
Region 6

Region 6: Incidence of Childhood Lead Testing in 2002 Birth Cohort		
County	Children Tested	Percent
Benton	197	64.8
Black Hawk	1298	81.02
Buchanan	205	67.43
Cedar	118	64.13
Clayton	120	68.18
Clinton	435	73.36
Delaware	94	44.34
Dubuque	668	58.04
Iowa	114	63.69
Jackson	167	78.77
Johnson	638	44.21
Jones	275	132.85
Linn	1809	65.76
Scott	1596	70.15



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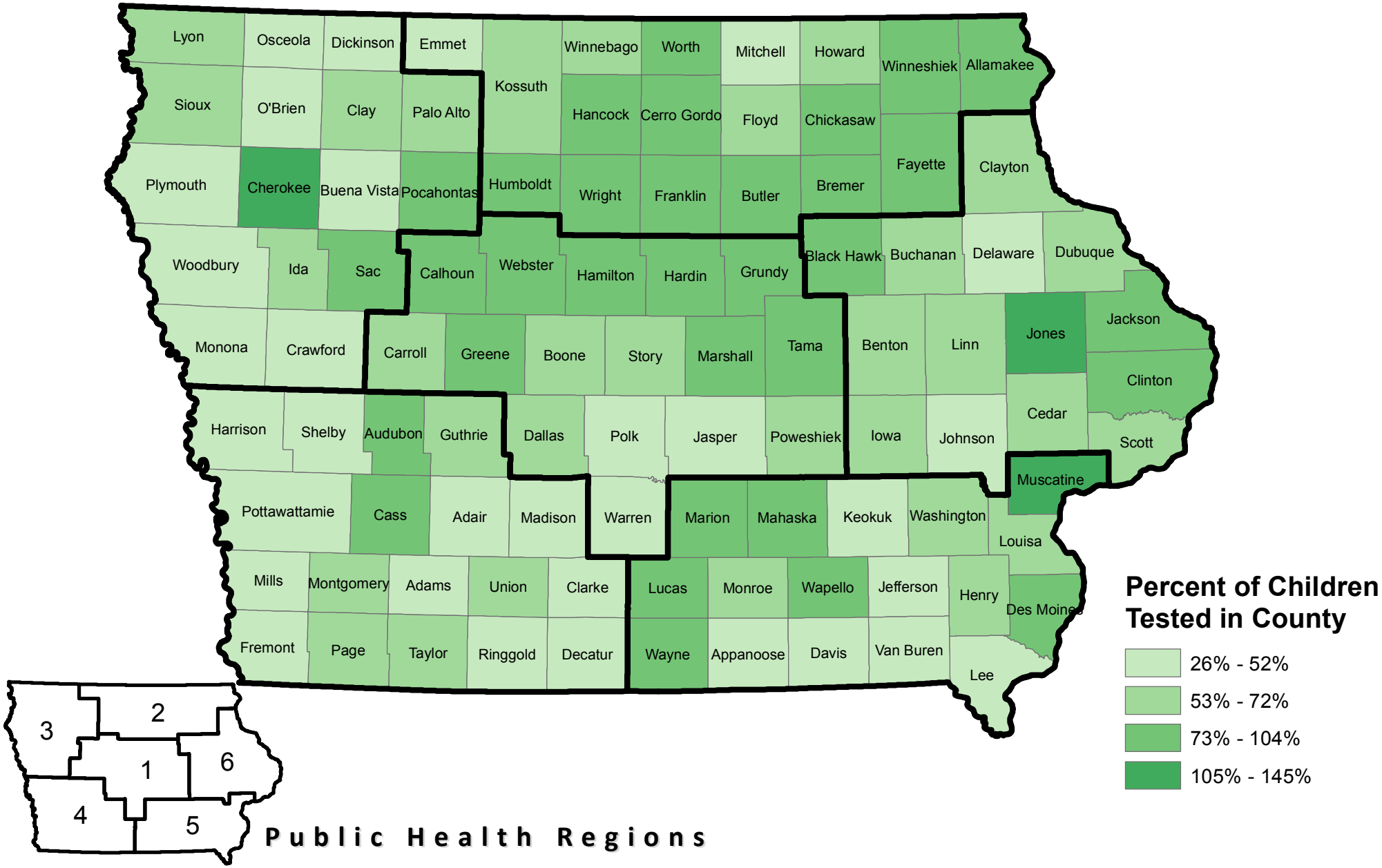
Childhood Lead Poisoning: Percent of Children Born in 2002 Tested for Lead Before 36 Months of Age