Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Childhood Lead

County Level Childhood Blood Lead Testing, Year 2006 Birth Cohort

Presented below are data that represent the nationally consistent data measures related to childhood blood lead testing in Iowa for the Year 2006 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 2006 and tested in a county prior to 36 months of age is greater than the number of children born in 2006 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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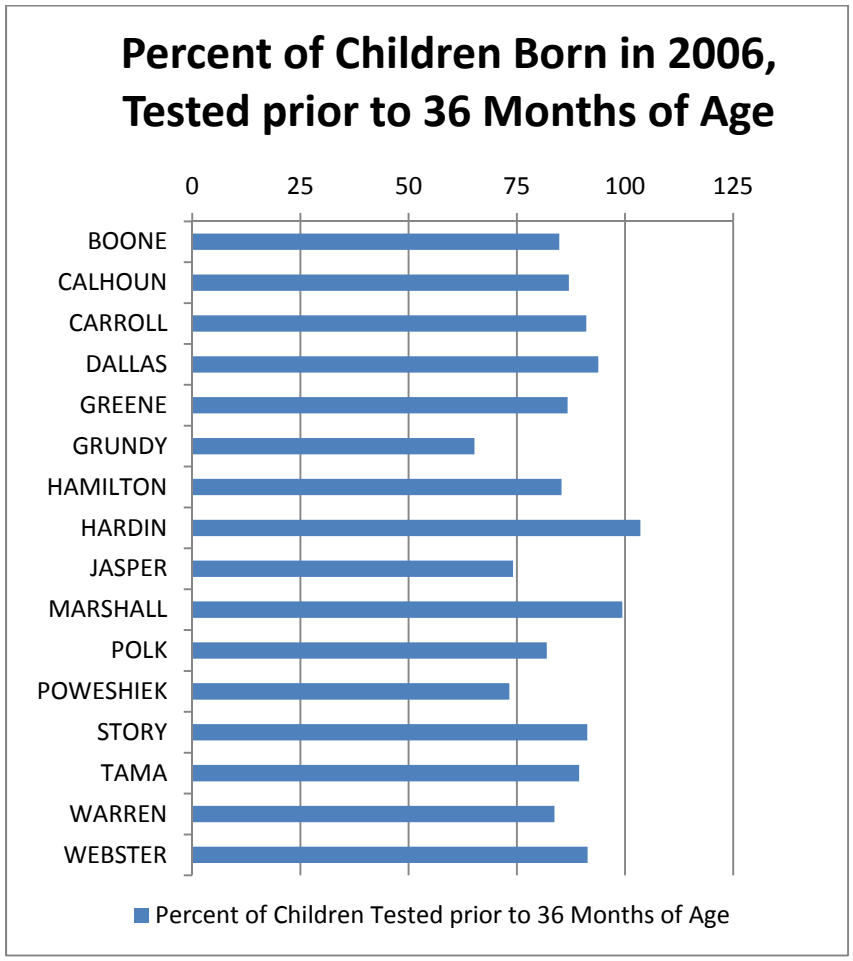
1. Counts and percent of children born in 2006 and blood lead tested prior to 36 months of age at County level by Public Health Region.

Region 1

Region 1: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	Children Tested	Percent
Boone	279	84.8
Calhoun	94	87.04
Carroll	275	91.06
Dallas	838	93.84
Greene	111	86.72
Grundy	90	65.22
Hamilton	157	85.33
Hardin	203	103.57
Jasper	298	74.13
Marshall	620	99.36
Polk	5661	81.91
Poweshiek	137	73.26
Story	912	91.29
Tama	202	89.38
Warren	432	83.72
Webster	443	91.34



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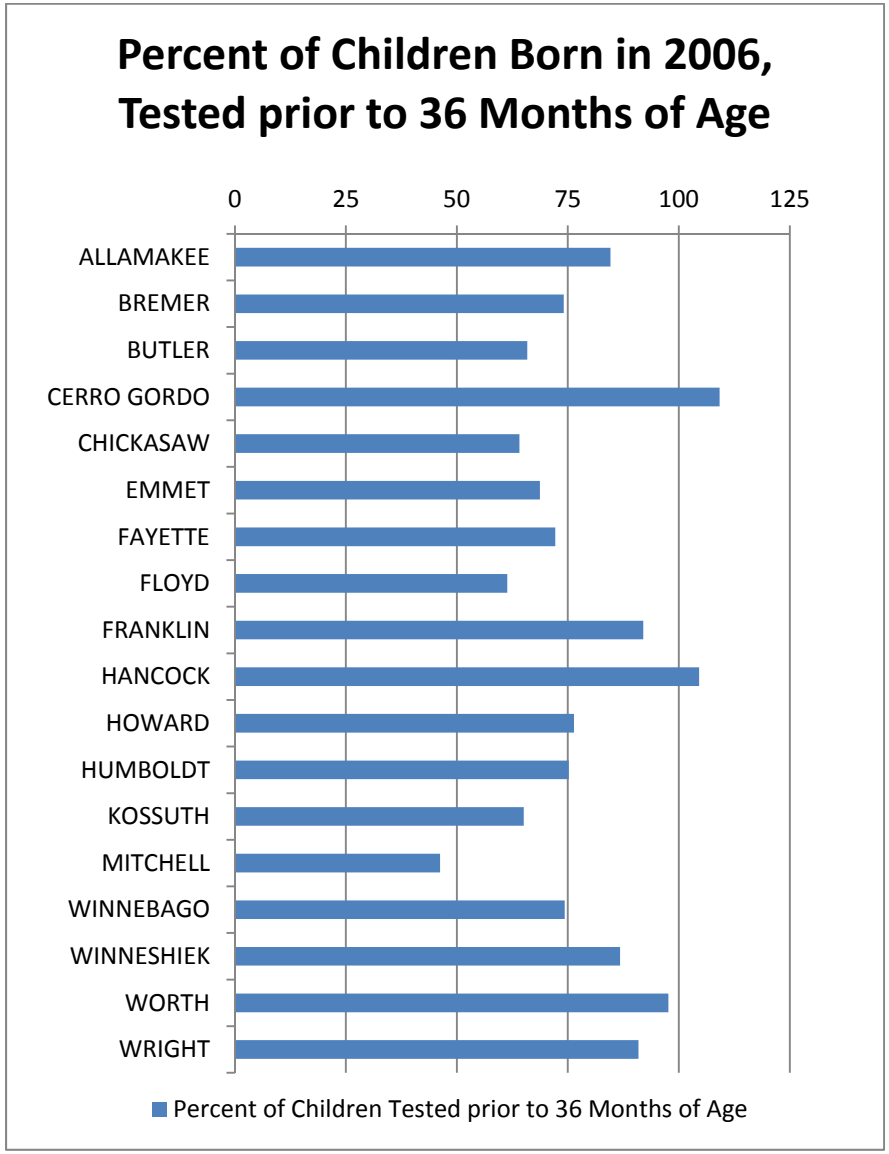
Region 2

Region 2: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	**Tests**	**Percent**
Allamakee	176	84.62
Bremer	220	74.07
Butler	112	65.88
Cerro Gordo	547	109.18
Chickasaw	100	64.1
Emmet	101	68.71
Fayette	166	72.17
Floyd	135	61.36
Franklin	115	92
Hancock	137	104.58
Howard	97	76.38
Humboldt	94	75.2
Kossuth	108	65.06
Mitchell	55	46.22
Winnebago	107	74.31
Winneshiek	164	86.77
Worth	84	97.67
Wright	160	90.91



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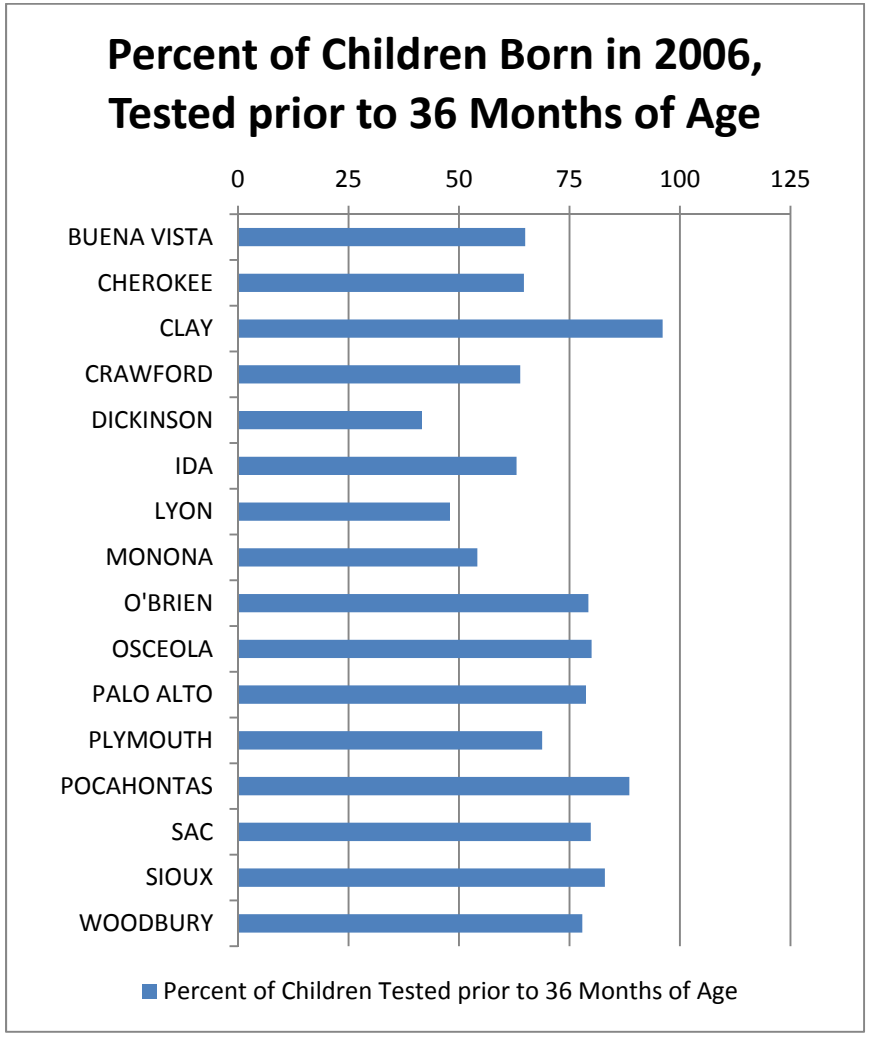
Region 3

Region 3: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	**Tests**	**Percent**
Buena Vista	169	65
Cherokee	77	64.71
Clay	197	96.1
Crawford	159	63.86
Dickinson	72	41.62
Ida	58	63.04
Lyon	83	47.98
Monona	65	54.17
Obrien	134	79.29
Osceola	56	80
Palo Alto	100	78.74
Plymouth	212	68.83
Pocahontas	62	88.57
Sac	95	79.83
Sioux	435	83.02
Woodbury	1322	77.9



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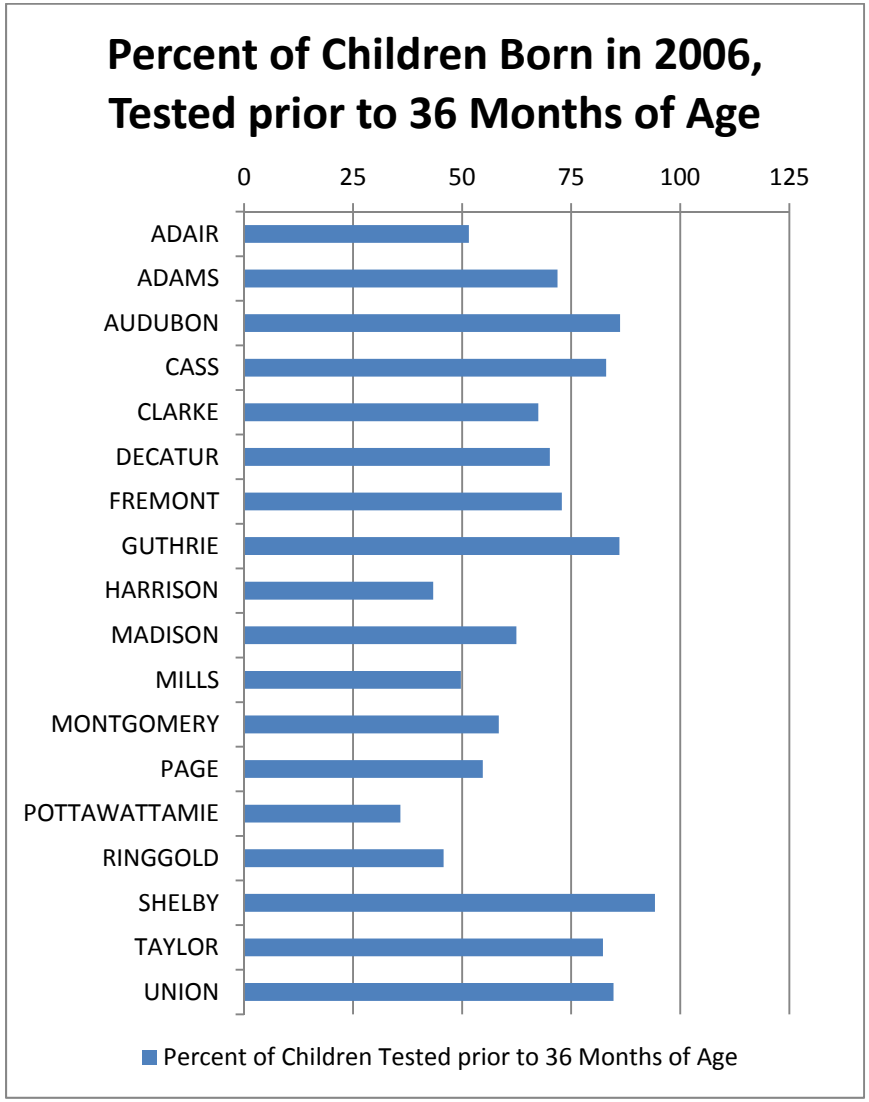
Region 4

Region 4: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	**Tests**	**Percent**
Adair	50	51.55
Adams	46	71.88
Audubon	50	86.21
Cass	132	83.02
Clarke	85	67.46
Decatur	68	70.1
Fremont	59	72.84
Guthrie	105	86.07
Harrison	75	43.35
Madison	128	62.44
Mills	89	49.72
Montgomery	80	58.39
Page	98	54.75
Pottawattamie	440	35.86
Ringgold	27	45.76
Shelby	114	94.21
Taylor	65	82.28
Union	144	84.71



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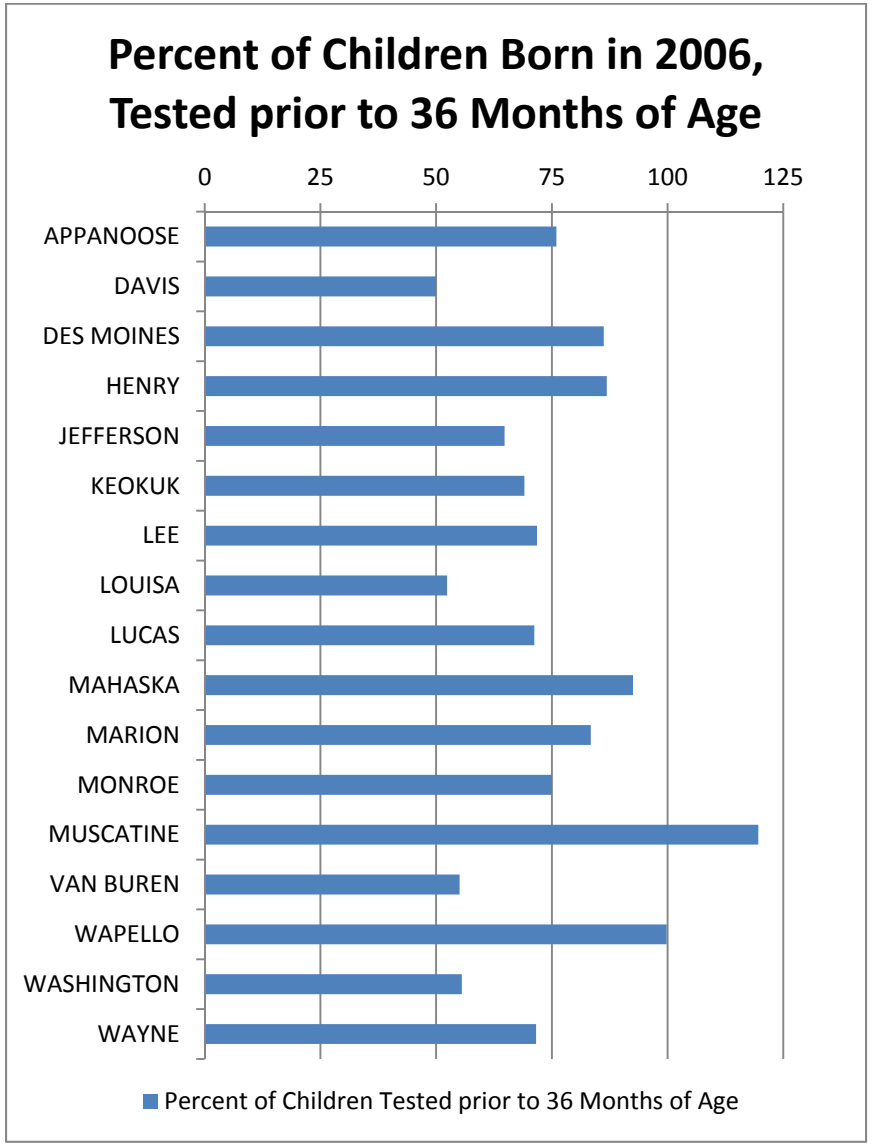
Region 5

Region 5: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	**Tests**	**Percent**
Appanoose	117	75.97
Davis	69	50
Des Moines	482	86.23
Henry	192	86.88
Jefferson	92	64.79
Keokuk	96	69.06
Lee	326	71.81
Louisa	77	52.38
Lucas	89	71.2
Mahaska	298	92.55
Marion	352	83.41
Monroe	72	75
Muscatine	757	119.59
Van Buren	49	55.06
Wapello	495	99.8
Washington	175	55.56
Wayne	63	71.59



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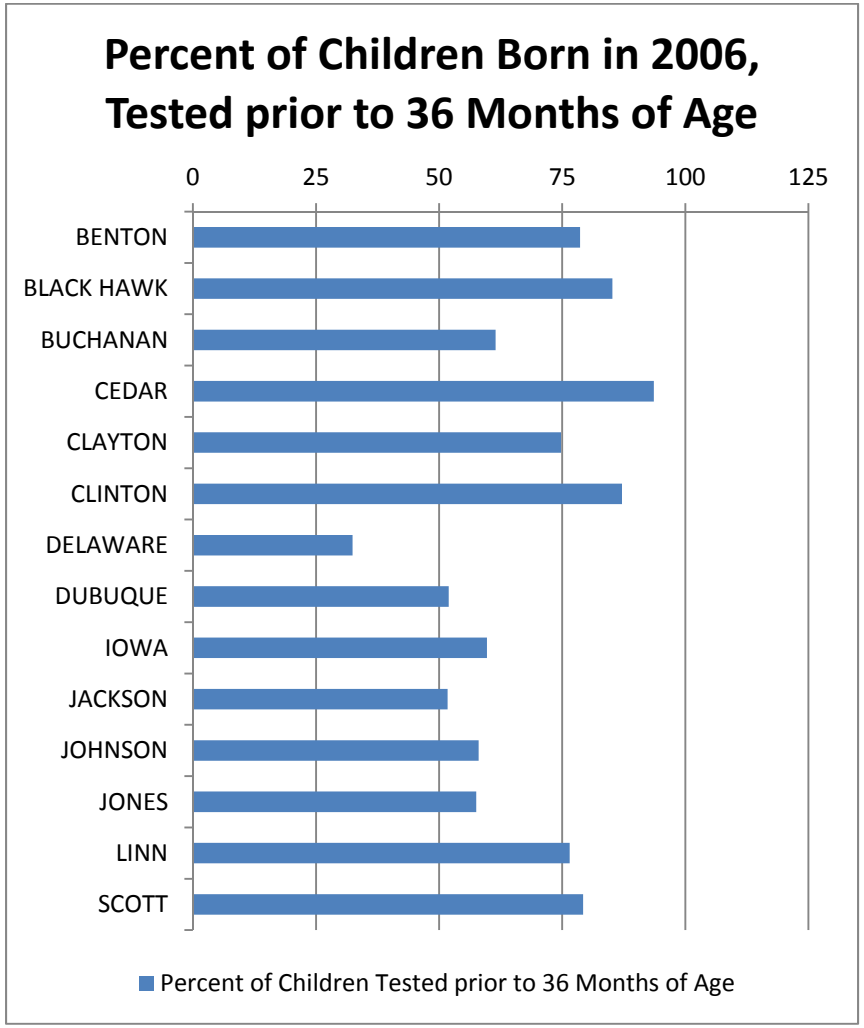
Region 6

Region 6: Incidence of Childhood Lead Testing in 2006 Birth Cohort		
County	**Tests**	**Percent**
Benton	243	78.64
Black Hawk	1514	85.2
Buchanan	209	61.47
Cedar	190	93.6
Clayton	169	74.78
Clinton	569	87.14
Delaware	70	32.41
Dubuque	627	51.95
Iowa	123	59.71
Jackson	119	51.74
Johnson	937	58.02
Jones	122	57.55
Linn	2196	76.52
Scott	1783	79.24



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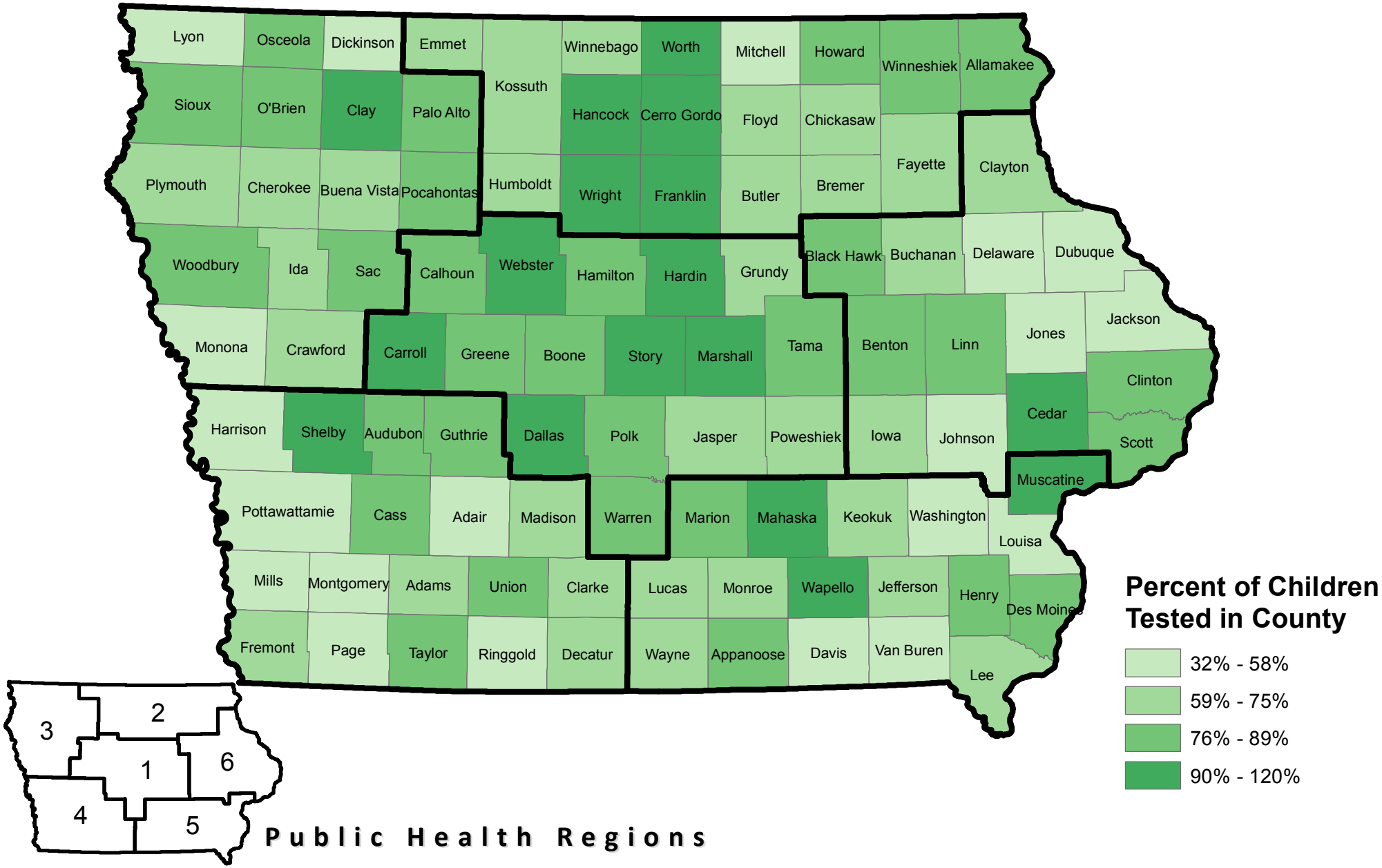
Childhood Lead Poisoning: Percent of Children Born in 2006 Tested for Lead Before 36 Months of Age