Iowa Department of	2012 - 2016 Iowa Adult Blood Lead Data											
Public Health			Α	nnual A	verages	Adults	Tested 1	for Lead	by Coun	ty		
County Name	Adults Tested (Ave)	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	% < 10 BLL
ADAIR	2	0	0	0	2	0	0%	100%	0	2	0%	100%
ADAMS	5	0	3	1	2	3	65%	35%	3	3	50%	50%
ALLAMAKEE	9	0	0	0	8	1	9%	91%	1	8	9%	91%
APPANOOSE	47	16	15	6	10	37	79%	21%	31	16	65%	35%
AUDUBON	7	1	2	1	2	5	71%	29%	4	3	53%	47%
BENTON	13	1	2	2	9	4	32%	68%	2	10	17%	83%
BLACK HAWK	83	2	1	5	74	9	11%	89%	4	79	4%	96%
BOONE	18	0	1	2	15	2	14%	86%	1	17	3%	97%
BREMER	20	0	0	1	19	1	6%	94%	0	20	1%	99%
BUCHANAN	61	17	18	7	19	42	69%	31%	35	26	58%	42%
BUENA VISTA	7	0	0	0	6	1	15%	85%	1	6	9%	91%
BUTLER	7	0	0	1	6	1	16%	84%	0	7	3%	97%
CALHOUN	7	0	0	0	6	0	3%	97%	0	7	0%	100%
CARROLL	11	0	0	2	9	2	18%	82%	0	11	2%	98%
CASS	29	1	12	9	6	22	78%	22%	13	15	46%	54%
CEDAR	11	0	1	2	9	2	22%	78%	1	10	7%	93%
CERRO GORDO	47	0	0	4	43	4	9%	91%	0	47	0%	100%
CHEROKEE	2	0	0	1	2	1	27%	73%	0	2	0%	100%
CHICKASAW	4	0	0	1	4	1	18%	82%	0	4	0%	100%
CLARKE	4	1	1	0	2	2	45%	55%	2	2	45%	55%
CLAY	5	0	0	0	5	0	7%	93%	0	5	7%	93%
CLAYTON	62	21	27	5	10	53	85%	15%	48	14	77%	23%
CLINTON	62	2	1	5	53	9	14%	86%	4	58	6%	94%
CRAWFORD	5	0	0	0	4	0	4%	96%	0	4	4%	96%
DALLAS	30	0	1	2	27	3	9%	91%	1	29	3%	97%
DAVIS	4	0	1	1	2	2	45%	55%	1	3	27%	73%
DECATUR	11	4	2	1	4	7	67%	33%	6	5	55%	45%
DELAWARE	259	94	118	30	17	242	94%	6%	212	47	82%	18%
DES MOINES	22	0	1	1	19	3	13%	87%	1	20	6%	94%

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DICKINSON	9	0	0	0	8	1	7%	93%	0	8	5%	95%
DUBUQUE	190	33	65	45	47	143	75%	25%	99	91	52%	48%
EMMET	4	0	1	1	3	1	33%	67%	1	4	14%	86%
FAYETTE	34	7	8	5	14	20	60%	40%	15	18	46%	54%
FLOYD	6	0	0	1	5	1	13%	87%	0	6	0%	100%
FRANKLIN	5	0	0	0	4	1	13%	88%	0	5	4%	96%
FREMONT	6	0	2	1	3	3	50%	50%	2	4	31%	69%
GREENE	5	0	0	0	5	0	0%	100%	0	5	0%	100%
GRUNDY	6	1	0	0	5	1	14%	86%	1	5	11%	89%
GUTHRIE	6	0	0	0	5	0	7%	93%	0	5	4%	96%
HAMILTON	23	1	0	0	22	1	4%	96%	1	22	3%	97%
HANCOCK	6	0	0	1	5	1	18%	82%	0	5	4%	96%
HARDIN	11	0	0	2	9	2	18%	82%	0	11	0%	100%
HARRISON	4	0	0	1	4	1	18%	82%	0	4	5%	95%
HENRY	14	0	0	2	12	2	16%	84%	1	13	4%	96%
HOWARD	6	0	0	0	5	0	7%	93%	0	6	3%	97%
HUMBOLDT	7	0	0	0	7	0	6%	94%	0	7	0%	100%
IDA	2	0	0	0	2	0	0%	100%	0	2	0%	100%
IOWA	8	0	0	1	7	1	8%	93%	0	8	0%	100%
JACKSON	23	4	3	5	10	13	56%	44%	7	15	32%	68%
JASPER	19	0	0	1	17	2	8%	92%	1	18	3%	97%
JEFFERSON	49	3	9	15	22	27	55%	45%	12	37	24%	76%
JOHNSON	88	1	2	4	81	7	8%	92%	2	85	3%	97%
JONES	17	1	2	3	11	6	37%	63%	3	14	17%	83%
KEOKUK	16	1	2	4	9	7	44%	56%	3	13	17%	83%
KOSSUTH	5	0	0	1	4	1	13%	88%	0	5	0%	100%
LEE	39	0	2	5	32	7	17%	83%	2	37	5%	95%
LINN	169	11	11	14	133	36	21%	79%	22	147	13%	87%
LOUISA	12	0	0	2	9	2	20%	80%	1	11	7%	93%

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LUCAS	39	14	12	7	7	32	83%	17%	25	14	65%	35%
LYON	2	0	0	0	2	0	8%	92%	0	2	8%	92%
MADISON	8	0	1	0	7	1	17%	83%	1	7	12%	88%
MAHASKA	51	0	6	12	32	19	37%	63%	7	44	13%	87%
MARION	15	1	1	2	12	3	22%	78%	1	14	9%	91%
MARSHALL	23	2	1	2	18	5	21%	79%	3	19	14%	86%
MILLS	13	0	4	3	6	7	52%	48%	4	9	29%	71%
MITCHELL	3	0	0	0	3	0	13%	88%	0	3	13%	88%
MONONA	3	0	0	0	3	0	13%	88%	0	3	13%	88%
MONROE	11	2	3	2	5	6	57%	43%	4	6	40%	60%
MONTGOMERY	41	0	22	13	6	35	85%	15%	22	19	54%	46%
MUSCATINE	45	0	1	8	36	10	22%	78%	2	44	4%	96%
O' BRIEN	5	0	0	0	5	0	0%	100%	0	5	0%	100%
OSCEOLA	1	0	0	0	1	0	17%	83%	0	1	0%	100%
PAGE	21	0	9	6	6	15	72%	28%	9	12	42%	58%
PALO ALTO	4	0	0	0	4	0	5%	95%	0	4	0%	100%
PLYMOUTH	6	0	0	0	6	0	7%	93%	0	6	0%	100%
POCAHONTAS	4	0	0	0	2	1	33%	67%	1	3	22%	78%
POLK	261	2	4	13	242	19	7%	93%	6	254	2%	98%
POTTAWATTAMIE	26	0	2	1	24	3	10%	90%	2	24	8%	92%
POWESHIEK	12	0	0	1	11	1	9%	91%	0	11	3%	97%
RINGGOLD	2	0	0	0	1	0	25%	75%	0	2	0%	100%
SAC	9	0	0	0	9	0	2%	98%	0	9	0%	100%
SCOTT	237	5	10	29	192	45	19%	81%	15	222	6%	94%
SHELBY	5	1	1	1	2	3	63%	38%	2	3	46%	54%
SIOUX	7	0	0	0	6	1	9%	91%	1	6	9%	91%
STORY	67	1	1	3	63	4	7%	93%	2	65	2%	98%
TAMA	10	0	0	0	10	0	4%	96%	0	10	0%	100%
TAYLOR	4	0	0	1	3	1	15%	85%	0	4	0%	100%

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UNION	2	0	0	0	2	0	8%	92%	0	2	8%	92%
VAN BUREN	8	0	0	2	5	2	32%	68%	1	7	11%	89%
WAPELLO	37	3	5	7	22	15	40%	60%	7	29	20%	80%
WARREN	25	2	1	2	21	4	17%	83%	3	23	10%	90%
WASHINGTON	20	0	0	1	19	1	6%	94%	0	20	2%	98%
WAYNE	165	59	40	24	42	123	75%	25%	99	66	60%	40%
WEBSTER	0	0	0	0	0	0	100%	0%	0	0	0%	100%
WINNEBAGO	6	0	0	1	5	1	13%	87%	0	6	0%	100%
WINNESHIEK	11	0	0	1	10	1	9%	91%	0	11	4%	96%
WOODBURY	46	3	3	4	37	9	20%	80%	5	41	11%	89%
WORTH	4	0	0	0	4	0	10%	90%	0	4	5%	95%
WRIGHT	8	0	0	1	7	1	8%	92%	0	8	0%	100%
STATE TOTALS	2907	324	443	350	1790	1117	38%	62%	767	2140	26%	74%

Data and inclusion criteria:

- 1) The person tested was an lowa 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.