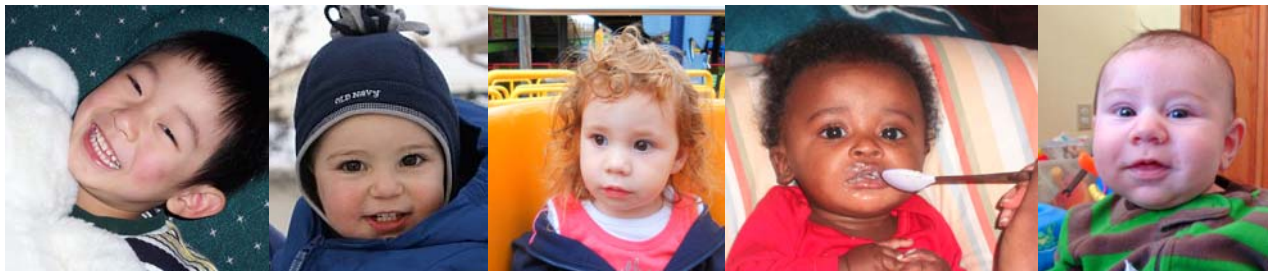


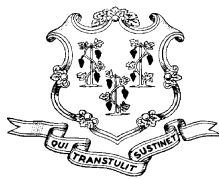


**Connecticut Department of Public Health**

# **Childhood Lead Poisoning in Connecticut**

## **2009 Surveillance Report**





# Childhood Lead Poisoning in Connecticut *CY 2009 Surveillance Report*

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Connecticut Department of Public Health

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CY 2009 Surveillance Report* contact:  
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February 17, 2011

Funding provided by the Centers for Disease Control and Prevention, Grant Number US7/CCU122845-03  
and  
U.S. Environmental Protection Agency, Grant Number PB-99108507-7

Suggested citation: Hung, T 2011. Childhood Lead Poisoning in Connecticut-  
CY 2009 Surveillance Report. Hartford, CT: Connecticut Department of Public Health.

# **ACKNOWLEDGEMENTS**

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## KEY FINDINGS

- **Statewide Screening:** In calendar year (CY) 2009, 85,354 (31.6%) CT children from birth to six years of age and 54,106 (61.4%) CT children from one to two years of age had at least one blood lead screening.
- **Prevalence of Elevated Blood Lead Levels (EBLLs):** Among children under 6 years of age who had a confirmed blood lead test in 2009, 737 (0.9%), 308 (0.4%), and 153 (0.2%) children were found to have blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$ ,  $\geq 15$   $\mu\text{g}/\text{dL}$ , and  $\geq 20$   $\mu\text{g}/\text{dL}$ , respectively.
- **Incidence of EBLLs:** Of the 737 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2009, 490 were new cases. Of the 153 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2009, 113 were new cases.
- **Race, Ethnicity, and Gender Associated with EBLLs:** Among children under 6 years of age who had a confirmed blood lead test in 2009, Blacks (1.6%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Whites (0.7%), Native Americans (0.2%), or Asians (0.6%); Hispanics (1.4%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Non-Hispanics (0.7%). Males (0.9%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than females (0.8%).
- **Screening among Children Enrolled in Medicaid during Federal Fiscal Year (FFY) 2009:** In CY 2009, 66.8% of children one and two years of age who were enrolled in Medicaid at any time during FFY 2009 (10/1/2008 to 9/30/2009) had a lead screening. Only 57.6% of children one and two years of age who were not enrolled in Medicaid at any time during federal fiscal year 2009 had a lead screening.
- **Screening Compliance by Medicaid Status:** Among children born in 2006, those who had ever been enrolled in Medicaid were more likely to have had at least one lead screening by 18 months of age (63.4% vs. 55.3%) and two lead screenings by 36 months (49.7% vs. 34.8%) than those who had never been enrolled in Medicaid.
- **EBLL by Medicaid Status:** Among children under 6 years of age who had a confirmed blood lead test in 2009, 1.4% of those who were enrolled in Medicaid at any time during FFY 2009 (10/1/2008 to 9/30/2009) had EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$ , while only 0.3% of those who were not enrolled in Medicaid had EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$ .
- **Environmental Lead Hazard Investigations:** Among the 127 dwelling units for which environmental investigations were conducted for children with EBLLs and where copies of complete inspection reports were provided to the CT Department of Public Health, 91.3% were identified with environmental lead hazards. Of the 127 dwelling units, 88.2% were identified with paint hazards, 59.8% were identified with dust hazards, 39.4% units were identified with soil hazards, and 3.2% with a drinking water hazard.

## UNDERSTANDING THE LEAD DATA

Laboratories are mandated to submit blood lead level reports to the Connecticut Department of Public Health (CT DPH) and local health departments per Connecticut General Statutes (CGS) Sec. 19a-110 -- *Report of lead poisoning*. Laboratories that perform blood lead tests are required to submit elevated blood lead test reports (i.e., findings equal to or greater than 10 micrograms per deciliter of lead in blood) within 48 hours of receipt of the test result to the CT DPH and the local health department serving the town where the person (child) resides. At least monthly, laboratories are required to submit to the CT DPH a comprehensive report of all blood lead test results for Connecticut residents.

The CT DPH has maintained a blood lead surveillance system since 1994. In late 2004, the CT DPH Lead Poisoning Prevention and Control Program (LPPCP) upgraded the original blood lead surveillance system to a more comprehensive system. The upgraded system has the ability to merge birth records, Medicaid data, and environmental data with child blood lead data. The upgraded surveillance system also has client and blood test de-duplication tools. The surveillance system application has had a significant positive impact on the LPPCP's capability to utilize surveillance data to enhance case management efforts and has resulted in cleaner and better data. In July 2010, LPPCP program transitioned to a new web-based surveillance system. The web-based functioning of the new system enables secure and remote log-in, data entry, and utilization by local health departments. The LPPCP will be offering the surveillance system to local health departments in 2011.

Starting with the 2004 report, the LPPCP has slightly modified the statistical analysis methods. The unit of analysis for elevated blood lead levels in the CY 2004 through CY 2009 Surveillance Reports was based on the number of individual children, whereas Surveillance Reports prior to 2004 were based on the number of valid or confirmed blood tests. Also, additional criteria have been added to the definition of confirmed blood tests.

Important Business Rules:

Children who had a blood sample collected for a lead screening in 2009 are included in this report regardless of whether the test was analyzed in 2009.

When a child had more than one lead screening in CY 2009, the child was only counted once and the highest confirmed lead result was used. If the child had multiple lead screenings while living in more than one town in CY 2009, the statistics regarding the child were applied to the town where the child lived when tested with the highest confirmed lead result.

Remarks:

Children who are 1 to 2 years old refer to those who are 12 through 35 months of age. Unless otherwise specified, “years” refer to calendar years within this report.





## LEAD SCREENING

**Lead Screening** – A person is considered to have a lead screening if he or she was tested for lead with either a venous or capillary blood draw.

The mandatory universal screening of young children took effect in calendar year 2009. Connecticut mandates that every child have a blood lead screening performed at age 12 months and again at age 24 months, effective January 1, 2009. Any child between 25-72 months of age who has not previously been screened shall also have a blood lead screen performed immediately, regardless of risk.

- The LPPCP received 92,566 blood lead tests for children under age of 6 during CY 2009.
- In CY 2009, 85,354 children under 6 years of age were tested for lead poisoning.
- Of the 85,354 children tested, 54,106 were 1 or 2 years old.

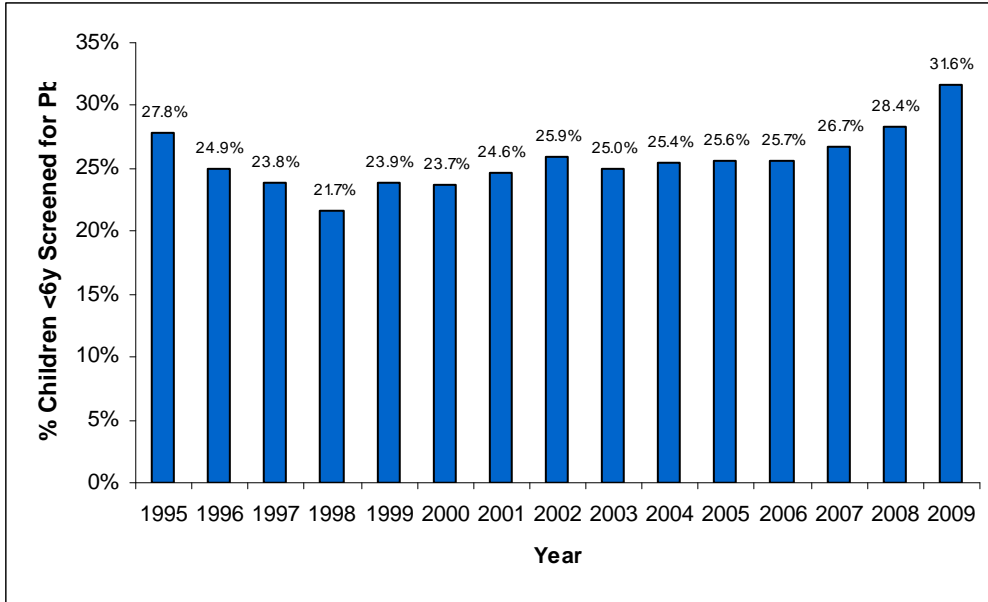
Per federal requirements, all children 6-72 months of age who are enrolled in HUSKY Part A Medicaid must be assessed for risk, and at a minimum, screened at 12 months and 24 months of age. In CY 2009, among the children under 6 years of age who had a lead screening, 41,517 (48.6%) were enrolled in Medicaid at some time during federal fiscal year 2009.

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### Demographics of children under 6 years of age who had a lead screening – Connecticut CY 2009 (N=85,354)

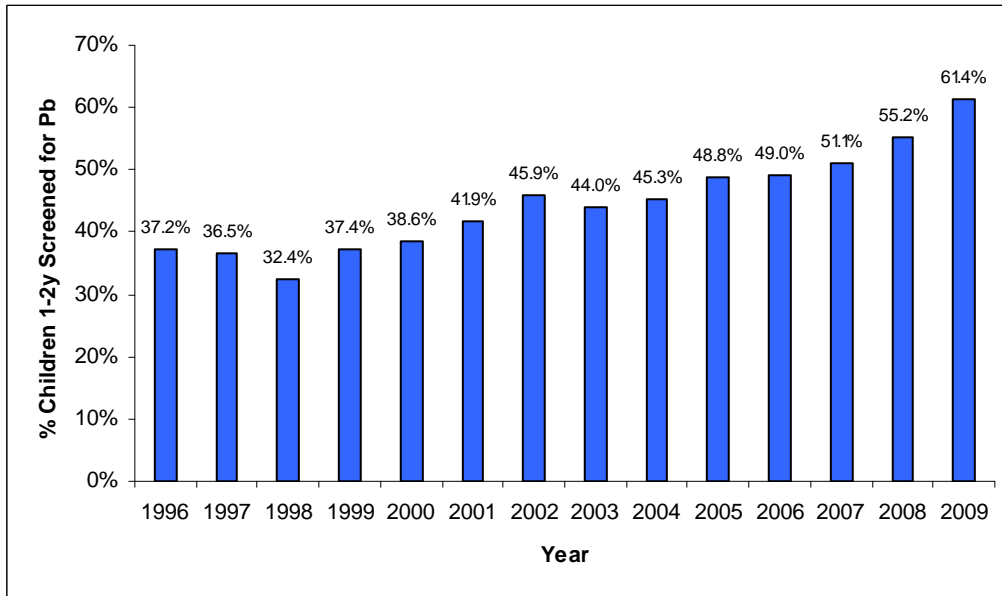
Demographics	Number	Percent
<b>Age Group</b>		
<12mo	6,657	7.8%
12-23 mo	28,425	33.3%
24-35 mo	25,681	30.1%
36-47 mo	10,644	12.5%
48-59 mo	8,598	10.1%
60-71 mo	5,349	6.2%
<b>Gender</b>		
Male	43,436	50.9%
Female	40,778	47.8%
Unknown	1,140	1.3%
<b>Race</b>		
White	58,159	68.1%
Black	12,018	14.1%
Asian	3,377	4.0%
Native American	431	0.5%
Hawaiian or Pacific Islander	13	<0.1%
Unknown	11,356	13.3%
<b>Ethnicity</b>		
Hispanic	22,068	25.9%
Non-Hispanic	54,838	64.2%
Unknown	8,448	9.9%

**Percentage of children under 6 years of age who had a lead screening, by calendar year – Connecticut 1995-2009**



In CY 2009, 85,354 (31.6%) children under 6 years of age had at least one lead screening. Over a seven-year period of time (CY 2001\* through CY 2007), prior to the enactment of universal screening, the percentages of children under 6 years of age who have been screened have been stably around 25% or 26%. There was a 3.2% increase in 2009 when compared to 2008, resulting in 8,632 more children being screened.

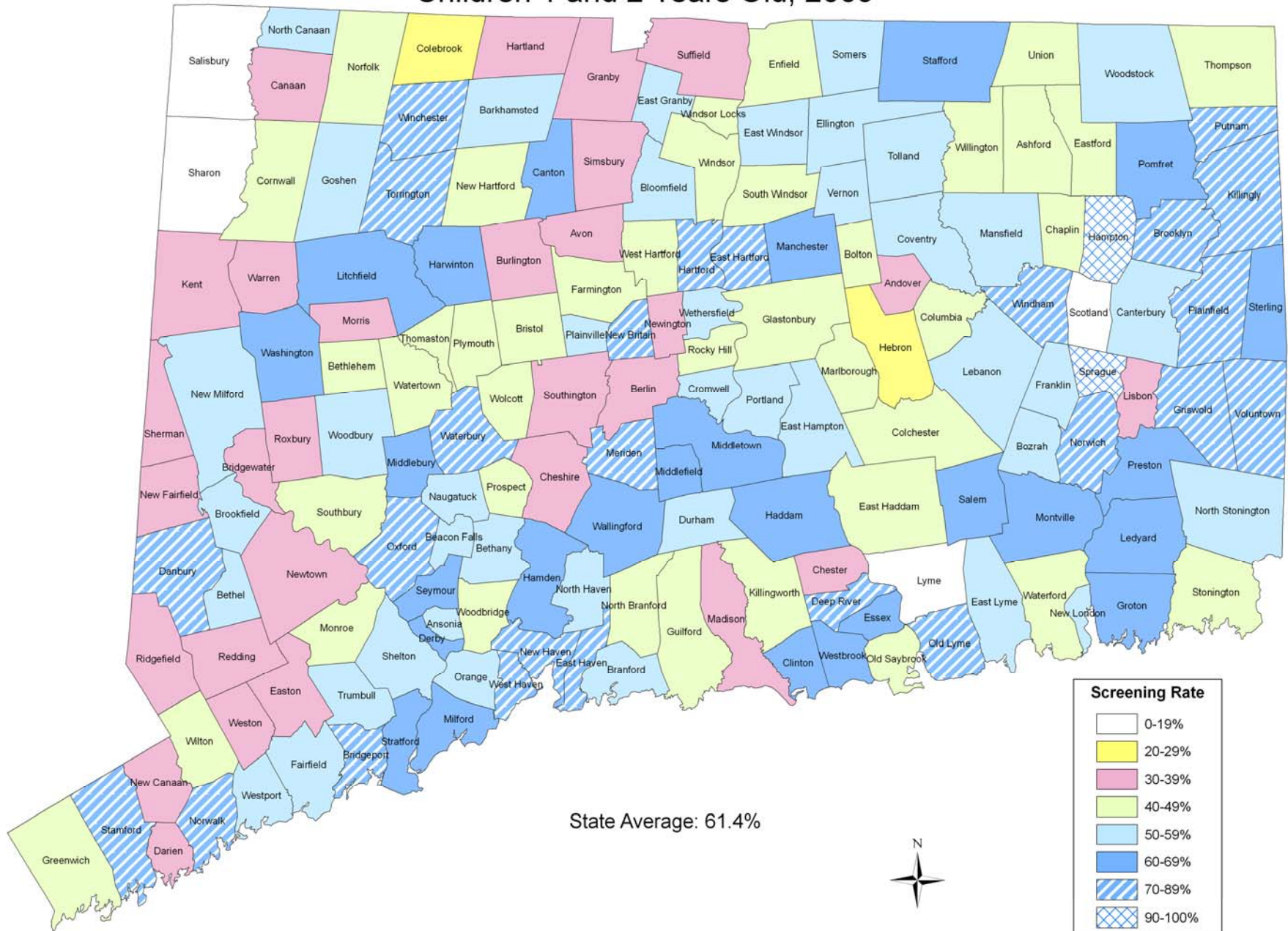
**Percentage of children 1-2 years of age who had a lead screening, by calendar year – Connecticut 1996-2009**



In CY 2009, 54,106 (61.4%) children from one to two years of age had at least one lead screening. There was a 6.2% increase in screening in 2009 when compared to 2008, which resulted in 5,512 more children being screened. A trend of increased screening rates has been observed from 2003 through 2009.

\* Data of 1995-2001 are based on analysis using number of tests instead of number of children screened as the unit of analysis. Data source of the 1995-2001 data is the previous published reports commonly known as Screening Data by Town.

# Connecticut By Town Blood Lead Screening Rate Children 1 and 2 Years Old, 2009



**Percentage of children under 6 years of age who had a lead screening, by town and by age at test – Connecticut CY 2009**

CY 2009 Data	Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened						
		Number	Percent		Number	Percent	Breakdown by Age at Test						
							0-11	12-23	24-35	36-47	48-59	60-71	
						mo	mo	mo	mo	mo	mo		
<b>Connecticut</b>													
CY 2002	270,187	69,857	25.9	88,094	40,452	45.9	7,779	22,853	17,599	8,998	7,991	4,637	
CY 2003	270,187	67,592	25.0	88,094	38,742	44.0	7,939	21,791	16,951	8,516	7,942	4,453	
CY 2004	270,187	68,606	25.4	88,094	39,894	45.3	8,170	22,474	17,420	8,320	7,706	4,516	
CY 2005	270,187	69,263	25.6	88,094	42,954	48.8	7,018	23,728	19,226	7,829	7,146	4,316	
CY 2006	270,187	69,315	25.7	88,094	43,193	49.0	6,828	23,739	19,454	7,851	7,121	4,322	
CY 2007	270,187	72,088	26.7	88,094	45,037	51.1	7,100	24,659	20,378	8,117	7,167	4,667	
CY 2008	270,187	76,722	28.4	88,094	48,594	55.2	6,822	26,856	21,738	8,688	7,665	4,953	
<b>CY 2009</b>	<b>270,187</b>	<b>85,354</b>	<b>31.6</b>	<b>88,094</b>	<b>54,106</b>	<b>61.4</b>	<b>6,657</b>	<b>28,425</b>	<b>25,681</b>	<b>10,644</b>	<b>8,598</b>	<b>5,349</b>	
<b>By-Town</b>													
1	ANDOVER	280	55	19.6	92	28	30.4	9	14	14	2	8	8
2	ANSONIA	1529	554	36.2	507	266	52.5	85	125	141	90	87	26
3	ASHFORD	306	67	21.9	102	46	45.1	4	26	20	9	7	1
4	AVON	1269	205	16.2	405	161	39.8	6	92	69	15	10	13
5	BARKHAMSTED	237	60	25.3	76	39	51.3	2	20	19	6	7	6
6	BEACON FALLS	408	118	28.9	132	68	51.5	19	30	38	13	10	8
7	BERLIN	1284	256	19.9	407	131	32.2	39	81	50	25	34	27
8	BETHANY	399	78	19.5	117	66	56.4	2	29	37	3	3	4
9	BETHEL	1505	375	24.9	471	268	56.9	67	119	149	20	12	8
10	BETHLEHEM	220	37	16.8	60	27	45.0	4	16	11	1	2	3
11	BLOOMFIELD	1206	331	27.4	405	227	56.0	43	147	80	26	26	9
12	BOLTON	380	70	18.4	113	50	44.2	3	28	22	4	12	1
13	BOZRAH	157	35	22.3	49	27	55.1	4	15	12	2	2	0
14	BRANFORD	1846	416	22.5	592	351	59.3	8	207	144	29	20	8
15	BRIDGEPORT	13635	7105	52.1	4464	3819	85.6	248	2038	1781	1183	1008	847
16	BRIDGEWATER	96	12	12.5	30	9	30.0	1	4	5	1	0	1
17	BRISTOL	4497	1077	23.9	1569	772	49.2	84	424	348	109	70	42
18	BROOKFIELD	1268	252	19.9	384	196	51.0	32	98	98	13	4	7

CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened							
			Breakdown by Age at Test						0-11	12-23	24-35	36-47	48-59	60-71	
			Number	Percent		Number	Percent	mo	mo	mo	mo	mo	mo		
19	BROOKLYN	471	194	41.2	143	109	76.2	5	64	45	14	60	6		
20	BURLINGTON	752	150	19.9	240	90	37.5	9	46	44	16	14	21		
21	CANAAN	73	10	13.7	20	6	30.0	0	4	2	0	2	2		
22	CANTERBURY	307	85	27.7	108	64	59.3	4	28	36	0	15	2		
23	CANTON	698	151	21.6	199	120	60.3	7	72	48	10	8	6		
24	CHAPLIN	187	33	17.6	52	23	44.2	3	10	13	4	2	1		
25	CHESHIRE	2010	422	21.0	676	261	38.6	12	145	116	66	39	44		
26	CHESTER	284	52	18.3	99	39	39.4	5	18	21	5	1	2		
27	CLINTON	1041	299	28.7	352	235	66.8	4	131	104	25	23	12		
28	COLCHESTER	1515	319	21.1	493	220	44.6	33	107	113	21	25	20		
29	COLEBROOK	115	12	10.4	34	9	26.5	0	3	6	1	0	2		
30	COLUMBIA	393	75	19.1	125	57	45.6	8	29	28	2	6	2		
31	CORNWALL	86	15	17.4	28	13	46.4	0	8	5	1	1	0		
32	COVENTRY	983	220	22.4	288	161	55.9	19	84	77	16	21	3		
33	CROMWELL	833	249	29.9	282	161	57.1	44	75	86	15	17	12		
34	DANBURY	5846	1951	33.4	1923	1386	72.1	209	692	694	180	116	60		
35	DARIEN	2442	473	19.4	810	293	36.2	143	89	204	20	10	7		
36	DEEP RIVER	318	90	28.3	102	82	80.4	0	50	32	4	2	2		
37	DERBY	927	348	37.5	320	198	61.9	48	82	116	53	33	16		
38	DURHAM	556	104	18.7	157	80	51.0	10	40	40	10	2	2		
39	EAST GRANBY	396	103	26.0	135	68	50.4	7	42	26	11	10	7		
40	EAST HADDAM	696	148	21.3	231	105	45.5	25	55	50	13	1	4		
41	EAST HAMPTON	853	258	30.2	289	155	53.6	56	69	86	19	12	16		
42	EAST HARTFORD	3885	1498	38.6	1302	974	74.8	67	595	379	231	151	75		
43	EAST HAVEN	1930	584	30.3	647	455	70.3	19	258	197	48	41	21		
44	EAST LYME	1086	267	24.6	346	181	52.3	16	93	88	33	20	17		
45	EAST WINDSOR	645	185	28.7	230	115	50.0	16	74	41	23	21	10		
46	EASTFORD	123	24	19.5	38	16	42.1	0	7	9	1	7	0		
47	EASTON	694	87	12.5	219	78	35.6	4	34	44	3	2	0		

CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened					
			Number	Percent		Number	Percent	Breakdown by Age at Test					
								0-11	12-23	24-35	36-47	48-59	60-71
						mo	mo	mo	mo	mo	mo		
48	ELLINGTON	1007	280	27.8	319	185	58.0	51	84	101	12	20	12
49	ENFIELD	3083	758	24.6	1008	426	42.3	28	241	185	169	78	57
50	ESSEX	511	113	22.1	154	95	61.7	4	43	52	5	6	3
51	FAIRFIELD	4910	1116	22.7	1698	934	55.0	60	463	471	64	32	26
52	FARMINGTON	1667	338	20.3	502	238	47.4	17	126	112	33	26	24
53	FRANKLIN	130	26	20.0	34	17	50.0	3	4	13	4	0	2
54	GLASTONBURY	2766	796	28.8	876	377	43.0	32	238	139	85	153	149
55	GOSHEN	173	39	22.5	48	27	56.3	2	15	12	4	2	4
56	GRANBY	872	147	16.9	280	102	36.4	12	63	39	23	4	6
57	GREENWICH	5221	1011	19.4	1679	687	40.9	63	429	258	100	102	59
58	GRISWOLD	782	283	36.2	232	192	82.8	32	101	91	31	17	11
59	GROTON	3836	1125	29.3	1275	788	61.8	66	467	321	122	99	50
60	GUILFORD	1571	248	15.8	502	203	40.4	6	121	82	16	17	6
61	HADDAM	515	151	29.3	171	104	60.8	27	40	64	9	8	3
62	HAMDEN	3675	1088	29.6	1235	836	67.7	66	497	339	76	78	32
63	HAMPTON	130	45	34.6	35	37	100.0*	2	19	18	1	5	0
64	HARTFORD	12134	5738	47.3	4033	3276	81.2	325	1815	1461	1182	639	316
65	HARTLAND	134	22	16.4	41	14	34.1	1	7	7	3	1	3
66	HARWINTON	366	112	30.6	118	82	69.5	2	38	44	10	9	9
67	HEBRON	928	170	18.3	298	85	28.5	31	38	47	11	20	23
68	KENT	215	36	16.7	75	27	36.0	0	14	13	4	4	1
69	KILLINGLY	1231	497	40.4	402	297	73.9	9	169	128	46	130	15
70	KILLINGWORTH	549	101	18.4	204	84	41.2	1	45	39	4	7	5
71	LEBANON	554	125	22.6	166	92	55.4	12	32	60	9	8	4
72	LEDYARD	1125	286	25.4	370	233	63.0	12	125	108	21	13	7
73	LISBON	307	48	15.6	109	35	32.1	5	21	14	5	1	2
74	LITCHFIELD	521	127	24.4	153	98	64.1	0	46	52	8	12	9
75	LYME	120	1	0.8	30	1	3.3	0	0	1	0	0	0
76	MADISON	1504	201	13.4	454	167	36.8	3	99	68	9	11	11

CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened					
			Breakdown by Age at Test										
			Number	Percent		Number	Percent	0-11	12-23	24-35	36-47	48-59	60-71
								mo	mo	mo	mo	mo	mo
77	MANCHESTER	4129	1267	30.7	1357	867	63.9	85	496	371	148	130	37
78	MANSFIELD	740	173	23.4	226	122	54.0	16	58	64	12	18	5
79	MARLBOROUGH	484	116	24.0	143	59	41.3	23	32	27	8	16	10
80	MERIDEN	4979	2135	42.9	1685	1329	78.9	80	738	591	380	221	125
81	MIDDLEBURY	434	133	30.6	141	87	61.7	15	55	32	9	14	8
82	MIDDLEFIELD	294	75	25.5	87	55	63.2	9	22	33	5	3	3
83	MIDDLETOWN	3330	1091	32.8	1123	674	60.0	213	260	414	102	60	42
84	MILFORD	3749	1000	26.7	1203	805	66.9	42	376	429	119	17	17
85	MONROE	1772	295	16.6	545	261	47.9	12	128	133	13	4	5
86	MONTVILLE	1267	325	25.7	395	248	62.8	23	131	117	23	20	11
87	MORRIS	157	29	18.5	49	17	34.7	0	7	10	6	4	2
88	NAUGATUCK	2593	763	29.4	839	454	54.1	47	245	209	100	105	57
89	NEW BRITAIN	5685	3142	55.3	1921	1382	71.9	420	638	744	516	426	398
90	NEW CANAAN	1934	346	17.9	557	221	39.7	99	71	150	14	7	5
91	NEW FAIRFIELD	1347	210	15.6	448	144	32.1	42	60	84	13	4	7
92	NEW HARTFORD	496	96	19.4	164	66	40.2	2	32	34	12	6	10
93	NEW HAVEN	10431	4744	45.5	3536	3036	85.9	144	1753	1283	702	538	324
94	NEW LONDON	2034	711	35.0	700	402	57.4	53	234	168	113	64	79
95	NEW MILFORD	2362	517	21.9	782	440	56.3	18	224	216	25	26	8
96	NEWINGTON	1873	369	19.7	603	214	35.5	55	122	92	32	36	32
97	NEWTOWN	2427	289	11.9	777	234	30.1	25	108	126	13	11	6
98	NORFOLK	120	27	22.5	40	16	40.0	0	11	5	7	0	4
99	NORTH BRANFORD	1113	225	20.2	364	171	47.0	13	122	49	19	16	6
100	NORTH CANAAN	217	38	17.5	51	26	51.0	4	19	7	5	1	2
101	NORTH HAVEN	1523	385	25.3	478	257	53.8	67	116	141	27	20	14
102	NORTH STONINGTON	348	97	27.9	108	62	57.4	14	27	35	7	8	6
103	NORWALK	6747	3063	45.4	2289	1815	79.3	358	830	985	385	357	148
104	NORWICH	2808	1167	41.6	891	740	83.1	112	359	381	129	105	81
105	OLD LYME	519	143	27.6	153	125	81.7	0	58	67	8	4	6

CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened					
			Number	Percent		Number	Percent	Breakdown by Age at Test					
								0-11	12-23	24-35	36-47	48-59	60-71
						mo	mo	mo	mo	mo	mo		
106	OLD SAYBROOK	727	139	19.1	238	116	48.7	5	68	48	9	5	4
107	ORANGE	931	189	20.3	304	169	55.6	6	81	88	8	5	1
108	OXFORD	795	240	30.2	240	185	77.1	28	82	103	9	12	6
109	PLAINFIELD	1157	443	38.3	398	288	72.4	8	155	133	44	88	15
110	PLAINVILLE	1035	312	30.1	339	173	51.0	53	91	82	34	19	33
111	PLYMOUTH	881	194	22.0	262	126	48.1	7	80	46	22	22	17
112	POMFRET	277	89	32.1	78	50	64.1	1	25	25	7	28	3
113	PORTLAND	738	196	26.6	244	124	50.8	28	50	74	14	18	12
114	PRESTON	260	61	23.5	84	53	63.1	2	23	30	3	2	1
115	PROSPECT	666	169	25.4	225	98	43.6	6	60	38	19	31	15
116	PUTNAM	645	262	40.6	219	177	80.8	4	109	68	22	49	10
117	REDDING	705	137	19.4	228	88	38.6	20	39	49	13	9	7
118	RIDGEFIELD	2356	467	19.8	741	292	39.4	60	135	157	41	45	29
119	ROCKY HILL	1104	313	28.4	372	182	48.9	61	102	80	32	16	22
120	ROXBURY	124	19	15.3	45	17	37.8	0	8	9	2	0	0
121	SALEM	316	80	25.3	92	63	68.5	5	30	33	10	1	1
122	SALISBURY	184	12	6.5	58	11	19.0	0	10	1	0	1	0
123	SCOTLAND	137	7	5.1	50	6	12.0	0	4	2	0	0	1
124	SEYMOUR	1104	383	34.7	358	220	61.5	78	86	134	47	26	12
125	SHARON	154	15	9.7	49	9	18.4	1	6	3	0	2	3
126	SHELTON	2817	673	23.9	955	505	52.9	70	260	245	41	41	16
127	SHERMAN	298	40	13.4	90	33	36.7	5	18	15	2	0	0
128	SIMSBURY	2044	296	14.5	647	205	31.7	20	122	83	35	24	12
129	SOMERS	559	127	22.7	159	83	52.2	6	39	44	19	11	8
130	SOUTH WINDSOR	1939	348	17.9	586	259	44.2	22	116	143	21	21	25
131	SOUTHBURY	1207	211	17.5	384	181	47.1	9	92	89	12	4	5
132	SOUTHINGTON	2866	659	23.0	969	378	39.0	44	193	185	90	65	82
133	SPRAGUE	185	78	42.2	55	59	100.0*	4	27	32	8	2	5
134	STAFFORD	886	205	23.1	255	157	61.6	15	86	71	13	9	11



CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened							
			Breakdown by Age at Test						0-11	12-23	24-35	36-47	48-59	60-71	
			Number	Percent		Number	Percent	mo	mo	mo	mo	mo	mo		
135	STAMFORD	9647	3547	36.8	3209	2274	70.9	652	1071	1203	295	241	85		
136	STERLING	286	85	29.7	87	58	66.7	0	28	30	8	16	3		
137	STONINGTON	1192	257	21.6	366	154	42.1	47	48	106	21	16	19		
138	STRATFORD	3613	1144	31.7	1140	796	69.8	94	382	414	135	73	46		
139	SUFFIELD	876	198	22.6	276	109	39.5	12	63	46	43	18	16		
140	THOMASTON	534	129	24.2	177	75	42.4	11	40	35	16	21	6		
141	THOMPSON	634	174	27.4	191	89	46.6	3	53	36	14	54	14		
142	TOLLAND	1213	286	23.6	396	219	55.3	30	86	133	6	23	8		
143	TORRINGTON	2513	966	38.4	843	605	71.8	25	326	279	153	108	75		
144	TRUMBULL	2849	608	21.3	947	528	55.8	27	278	250	26	20	7		
145	UNION	53	9	17.0	20	8	40.0	0	4	4	0	1	0		
146	VERNON	2069	612	29.6	686	392	57.1	103	201	191	61	39	17		
147	VOLUNTOWN	202	61	30.2	59	44	74.6	7	25	19	2	6	2		
148	WALLINGFORD	3216	942	29.3	1053	659	62.6	63	347	312	140	49	31		
149	WARREN	88	14	15.9	28	10	35.7	2	7	3	1	1	0		
150	WASHINGTON	190	40	21.1	49	34	69.4	3	22	12	1	0	2		
151	WATERBURY	9785	5435	55.5	3266	2585	79.1	205	1386	1199	1005	1011	629		
152	WATERFORD	1168	257	22.0	348	160	46.0	30	88	72	25	23	19		
153	WATERTOWN	1568	353	22.5	457	199	43.5	15	132	67	46	66	27		
154	WEST HARTFORD	4384	944	21.5	1437	640	44.5	81	366	274	101	62	60		
155	WEST HAVEN	3896	1453	37.3	1296	1028	79.3	77	569	459	165	126	57		
156	WESTBROOK	423	107	25.3	122	85	69.7	3	48	37	8	4	7		
157	WESTON	1014	147	14.5	305	120	39.3	11	50	70	12	3	1		
158	WESTPORT	2392	485	20.3	720	428	59.4	23	220	208	20	5	9		
159	WETHERSFIELD	1684	478	28.4	545	275	50.5	71	149	126	45	54	33		
160	WILLINGTON	351	75	21.4	113	54	47.8	9	28	26	8	3	1		
161	WILTON	1725	353	20.5	528	230	43.6	85	70	160	25	7	6		
162	WINCHESTER	731	283	38.7	238	174	73.1	5	89	85	45	37	22		
163	WINDHAM	1773	616	34.7	596	476	79.9	17	253	223	67	40	16		

CY 2009 Data		Population Under Age 6 <sup>a</sup>	Number and Percent of Children Under Age 6 Screened <sup>b</sup>		Population Age 1-2y <sup>a</sup>	Number and Percent of Children Age 1-2y Screened <sup>b</sup>		Number of Children Under Age 6 Screened					
			Number	Percent		Number	Percent	Breakdown by Age at Test					
								0-11	12-23	24-35	36-47	48-59	60-71
						mo	mo	mo	mo	mo	mo		
164	WINDSOR	2065	494	23.9	652	317	48.6	52	207	110	61	48	16
165	WINDSOR LOCKS	842	189	22.4	257	124	48.2	7	63	61	32	14	12
166	WOLCOTT	1192	309	25.9	377	166	44.0	15	99	67	41	61	26
167	WOODBIDGE	636	117	18.4	201	99	49.3	3	59	40	5	4	6
168	WOODBURY	671	154	23.0	208	122	58.7	3	72	50	8	14	7
169	WOODSTOCK	499	161	32.3	158	90	57.0	2	50	40	12	47	10

a Population data obtained from 2000 U.S. Census. Statewide and by town statistics are calculated using the 2000 U.S. Census as the denominator.

b Any test (capillary or venous) in CLPPP from 01/01/2009 - 12/31/2009.

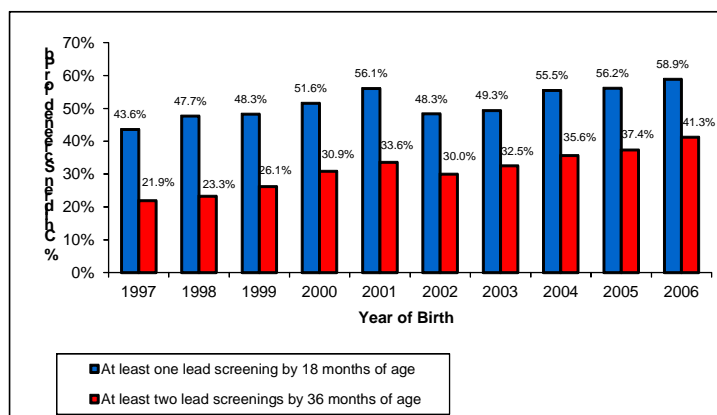
\* Screening rate rounded down to 100%.

NOTE: Children are counted only once, regardless of the number of times they are tested.

# COMPLIANCE WITH LEAD SCREENING MANDATE

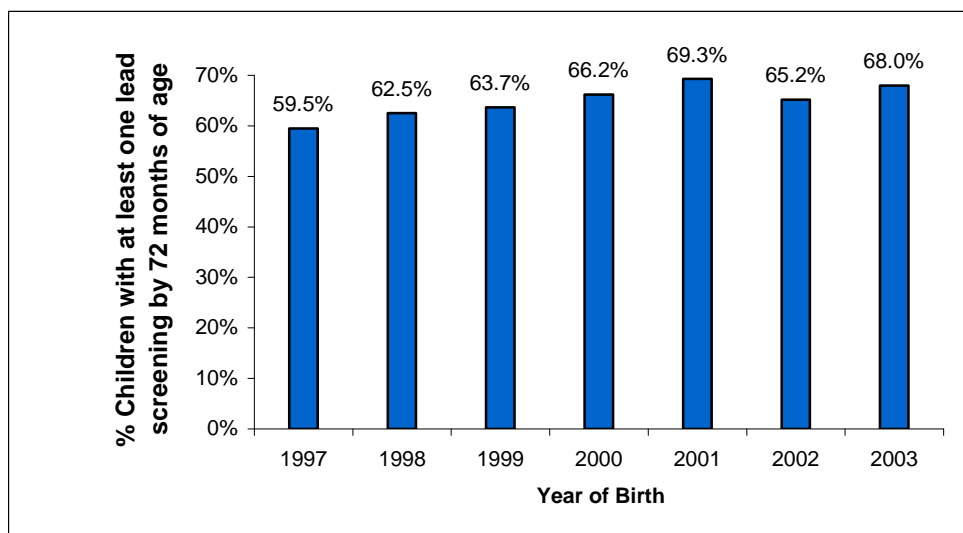
Starting January 1, 2009, it became mandatory that all healthcare providers in Connecticut screen every child for lead poisoning at age 12 months and again at age 24 months. Prior to 2009, lead screening of one and two year old children was recommended rather than mandated. Compliance with this mandate is assessed by measuring the proportion of children born in Connecticut during a given year who have had at least one blood lead test by 18 months of age, and at least two blood lead tests by 36 months of age.

## Percentage of children who have had at least one/two screening(s) by 18/36 months of age, by year of birth – Connecticut 1997-2006



For children born in 2006, 58.9% had at least one lead screening by 18 months of age and 41.3% had at least two lead screenings by 36 months of age. When comparing the 2005 birth cohort to the 2006 birth cohort, the percentage of children who have been screened at least once by 18 months of age increased 2.7% and at least twice by 36 months of age increased 3.9%. There was a decline in the compliance with the screening guidelines in the 2002 cohort, after rising steadily in the prior 5 birth cohorts (1997-2001 cohorts). After the decline in the 2002 cohort, an increased trend is resumed for the four following consecutive cohorts (2003 through 2006).

**Percentage of children who have had at least one screening by 72 months of age, by year of birth – Connecticut 1997-2003**



(Note: Birth cohorts beyond 2003 are not included here because those children had not yet reached 71 months of age by the time this report was prepared)

For children born in 2003, 68% had at least one lead screening by 72 months of age. There was a 2.8% increase in screening among the 2003 birth cohort when compared to the 2002 cohort.

**Percentage of children who have had at least one/two screening(s) by 18/36 months of age, by town and by year of birth – Connecticut 1998-2006**

CY 2009 Data	Percent of Children with At Least One Lead Screening by 18 Months of Age by Year of Birth										Percent of Children with At Least Two Lead Screenings by 36 Months of Age by Year of Birth								
	1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006	
<b>Connecticut</b>																			
	47.7	48.3	51.6	56.1	48.3	49.3	55.5	56.2	58.9	23.3	26.1	30.9	33.6	30.0	32.5	35.6	37.4	41.3	
<b>By-Town</b>																			
1	ANDOVER	26.9	12.5	14.3	14.0	11.1	10.3	20.9	35.7	46.9	1.9	2.1	4.8	0.0	0.0	7.7	7.0	26.2	21.9
2	ANSONIA	56.6	53.4	55.0	67.4	51.9	60.9	64.1	65.1	69.3	22.5	32.4	42.7	46.0	42.0	47.8	47.1	52.4	63.2
3	ASHFORD	39.1	27.1	24.4	35.9	23.1	28.6	41.9	39.2	31.9	10.9	8.3	13.3	7.7	15.4	8.2	12.9	17.6	21.3
4	AVON	42.8	45.0	49.1	50.6	30.0	41.7	38.3	40.3	48.1	19.1	21.1	24.2	25.9	20.0	26.1	24.0	23.4	20.8
5	BARKHAMSTED	29.2	20.6	31.6	36.2	25.0	26.1	30.8	27.9	41.5	20.8	0.0	7.9	14.9	5.0	8.7	10.3	11.6	14.6
6	BEACON FALLS	42.9	63.1	71.4	60.9	58.2	65.6	71.8	62.7	79.1	12.9	23.1	44.3	27.5	46.3	40.6	42.3	40.3	59.7
7	BERLIN	37.4	38.9	43.0	36.0	31.0	35.9	47.0	42.1	44.5	5.5	6.8	14.5	14.6	10.9	13.4	24.6	15.3	19.7
8	BETHANY	48.2	60.9	53.2	51.9	65.3	66.7	51.9	60.0	56.4	10.7	15.9	14.9	27.8	32.7	20.4	25.0	30.0	35.9
9	BETHEL	62.3	68.4	68.3	73.4	57.6	63.1	68.1	65.6	66.3	18.2	26.3	22.4	32.7	25.3	42.7	52.7	48.9	51.8
10	BETHLEHEM	58.8	54.5	75.0	72.7	66.7	66.7	63.6	68.0	60.0	14.7	18.2	25.0	22.7	16.7	30.3	9.1	28.0	16.0
11	BLOOMFIELD	58.1	54.8	57.6	65.2	53.6	52.0	54.5	61.2	63.8	18.6	18.6	32.8	34.8	26.8	35.2	29.1	32.4	37.8
12	BOLTON	18.9	27.8	23.1	34.1	20.0	15.6	37.8	24.3	35.1	3.8	3.7	9.6	9.1	4.0	8.9	18.9	2.7	8.1
13	BOZRAH	23.1	68.0	88.2	81.0	73.1	61.9	57.1	68.2	73.9	7.7	32.0	67.6	61.9	69.2	52.4	38.1	54.5	73.9
14	BRANFORD	42.8	36.5	40.4	41.9	32.5	31.4	44.9	43.9	52.5	10.8	18.2	20.2	18.2	14.2	14.4	18.7	19.7	30.3
15	BRIDGEPORT	59.3	59.8	64.0	69.0	58.4	59.7	64.0	64.8	62.1	44.0	44.8	48.8	53.0	45.2	48.7	49.0	48.8	50.9
16	BRIDGEWATER	52.9	35.7	50.0	66.7	8.3	71.4	53.8	37.5	75.0	0.0	14.3	0.0	8.3	0.0	71.4	7.7	18.8	75.0
17	BRISTOL	46.7	42.7	58.4	70.5	57.1	56.9	57.6	61.7	64.7	5.3	8.4	18.7	22.4	21.1	24.3	26.1	30.7	32.6
18	BROOKFIELD	50.6	57.7	55.0	55.2	45.2	54.9	57.6	57.4	63.6	12.6	16.9	18.7	22.9	14.6	39.6	41.2	39.2	47.5
19	BROOKLYN	51.7	53.8	50.0	50.8	39.4	60.8	65.6	64.0	72.3	31.7	30.8	30.0	36.1	29.6	48.1	50.8	52.3	55.4
20	BURLINGTON	24.0	26.8	38.6	34.3	29.0	35.5	29.2	38.6	36.8	6.7	8.0	11.4	10.1	15.9	12.9	15.1	19.3	20.0
21	CANAAN	48.3	51.9	60.0	40.0	33.3	15.0	33.3	11.1	33.3	6.9	7.4	8.0	8.0	22.2	5.0	4.8	5.6	16.7
22	CANTERBURY	37.5	53.7	52.9	73.5	62.7	52.5	64.3	63.8	56.1	27.1	31.5	35.3	57.4	49.3	47.5	52.4	42.6	39.0
23	CANTON	35.0	39.5	46.7	48.2	42.5	46.0	48.0	39.4	56.3	18.0	14.0	25.6	20.9	16.1	22.1	22.0	17.2	28.6
24	CHAPLIN	16.7	28.6	29.2	28.6	30.4	21.4	29.4	4.8	35.0	0.0	4.8	16.7	7.1	4.3	7.1	0.0	0.0	10.0

CY 2009 Data	Percent of Children with At Least One Lead Screening by 18 Months of Age by Year of Birth										Percent of Children with At Least Two Lead Screenings by 36 Months of Age by Year of Birth								
	1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006	
25	CHESHIRE	45.3	45.8	41.8	41.6	36.0	38.6	43.1	41.8	45.7	10.9	27.5	27.2	22.8	20.5	20.7	23.3	22.1	28.6
26	CHESTER	64.4	71.4	60.0	69.2	64.2	75.0	81.4	81.8	77.4	44.4	50.0	45.7	53.8	35.8	62.5	72.1	72.7	71.0
27	CLINTON	61.5	58.4	57.6	55.4	53.0	53.6	54.6	61.5	62.6	29.7	32.0	31.6	36.2	32.2	35.3	33.3	41.4	42.2
28	COLCHESTER	24.8	49.6	51.6	48.9	47.4	41.6	46.8	52.5	58.5	12.2	27.9	37.1	32.0	37.1	30.0	40.4	41.0	40.9
29	COLEBROOK	0.0	7.1	16.7	11.1	0.0	0.0	10.0	0.0	33.3	7.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	33.3
30	COLUMBIA	15.5	15.7	13.1	11.7	19.6	20.7	19.1	29.8	44.7	0.0	0.0	3.3	3.3	9.8	13.8	8.5	19.3	27.7
31	CORNWALL	41.7	30.0	40.0	50.0	33.3	0.0	23.1	25.0	33.3	0.0	0.0	0.0	10.0	8.3	0.0	7.7	0.0	22.2
32	COVENTRY	18.8	21.8	23.2	24.4	23.0	19.7	29.6	35.9	40.2	4.5	3.4	7.1	5.3	5.2	9.9	11.3	12.0	13.6
33	CROMWELL	48.4	35.3	41.6	48.6	33.8	38.0	46.7	50.6	56.2	21.7	17.6	25.5	36.2	30.0	22.5	30.7	26.0	35.4
34	DANBURY	57.3	60.0	63.2	62.0	51.1	57.1	59.0	48.2	57.8	18.1	22.9	23.3	28.2	19.1	33.5	33.1	34.1	41.3
35	DARIEN	43.7	38.6	48.3	51.7	48.0	50.2	50.5	54.2	51.9	24.4	23.5	32.1	43.2	40.1	40.3	39.3	42.9	39.8
36	DEEP RIVER	75.0	66.0	53.8	66.7	72.2	65.1	82.1	64.7	83.3	60.4	53.2	40.0	57.6	51.9	51.2	69.6	51.0	63.3
37	DERBY	54.3	49.0	52.8	62.7	63.9	55.5	71.1	74.7	75.9	24.3	28.2	33.7	43.3	44.2	39.7	56.0	59.6	61.2
38	DURHAM	66.3	47.8	50.6	48.2	55.9	48.1	45.2	51.5	53.4	31.3	26.7	32.1	35.3	39.7	36.4	33.3	33.3	29.3
39	EAST GRANBY	55.4	50.0	54.1	53.4	52.0	52.8	47.4	48.2	48.8	7.7	18.0	13.1	17.2	12.0	20.8	15.8	16.1	18.6
40	EAST HADDAM	49.5	50.0	48.6	48.8	34.5	51.4	56.6	44.9	53.1	32.6	35.6	38.3	38.4	30.1	43.0	50.5	38.2	42.0
41	EAST HAMPTON	33.8	39.7	42.7	38.2	32.7	33.3	43.4	33.3	41.5	17.5	24.3	24.5	18.8	22.4	18.2	26.3	23.6	25.1
42	EAST HARTFORD	39.8	39.4	41.3	42.7	36.2	38.4	48.1	49.3	50.5	20.0	20.7	23.5	24.1	21.9	27.1	27.6	30.4	36.0
43	EAST HAVEN	44.3	37.5	40.2	46.4	30.4	30.2	40.4	47.5	61.0	16.5	17.8	27.4	24.2	15.2	19.4	13.8	21.0	25.5
44	EAST LYME	51.8	58.8	59.9	61.5	64.6	57.1	63.0	60.1	55.8	27.7	36.5	40.1	39.9	40.9	41.0	45.9	44.2	41.3
45	EAST WINDSOR	36.5	28.8	33.1	36.0	23.9	21.8	33.7	37.0	44.8	11.9	21.2	15.8	14.0	12.8	10.0	17.8	24.0	27.1
46	EASTFORD	47.1	31.6	30.8	66.7	30.0	66.7	22.2	47.1	57.1	29.4	15.8	23.1	66.7	20.0	50.0	0.0	41.2	35.7
47	EASTON	62.2	67.4	67.6	77.0	67.9	64.6	70.6	59.2	62.3	41.1	45.3	53.3	57.0	58.0	51.9	47.1	49.0	44.3
48	ELLINGTON	41.1	37.0	38.3	38.5	34.4	37.0	42.5	50.7	57.1	13.7	11.4	18.2	20.1	22.3	26.7	18.8	26.4	29.9
49	ENFIELD	26.8	25.7	25.8	31.6	23.1	25.1	31.3	35.7	49.3	15.3	11.8	15.5	18.7	14.5	17.4	23.0	26.1	26.8
50	ESSEX	71.7	84.9	76.5	83.3	77.2	78.3	84.8	66.0	74.5	60.4	69.9	61.2	73.3	73.4	65.0	68.4	52.8	67.3
51	FAIRFIELD	59.0	63.4	62.8	74.3	67.2	66.6	76.1	74.9	70.4	40.4	44.5	48.4	59.5	55.7	54.3	62.0	59.1	60.2
52	FARMINGTON	24.7	23.8	37.3	35.8	23.3	34.9	37.1	41.3	48.0	8.0	5.7	15.9	15.9	10.7	19.1	20.0	22.7	24.0
53	FRANKLIN	27.8	30.4	41.2	50.0	57.1	45.0	47.1	55.0	61.9	11.1	17.4	23.5	50.0	50.0	45.0	41.2	45.0	38.1

CY 2009 Data		Percent of Children with At Least One Lead Screening by 18 Months of Age by Year of Birth									Percent of Children with At Least Two Lead Screenings by 36 Months of Age by Year of Birth								
		1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006
54	GLASTONBURY	14.8	15.4	15.7	21.2	15.4	13.5	16.8	16.3	37.1	2.8	2.2	7.0	6.9	6.7	7.7	7.8	9.2	10.5
55	GOSHEN	7.4	10.0	11.8	13.3	26.3	15.4	31.6	61.1	35.0	0.0	0.0	5.9	6.7	0.0	3.8	0.0	38.9	25.0
56	GRANBY	42.8	40.7	45.8	48.9	40.4	43.1	57.7	39.6	51.5	5.8	7.4	14.2	13.5	9.2	15.5	16.3	14.9	19.4
57	GREENWICH	12.5	9.4	12.4	14.6	10.3	14.7	14.2	12.8	27.8	4.9	4.8	7.0	8.0	6.4	9.4	9.5	6.2	8.5
58	GRISWOLD	35.3	51.7	67.7	75.2	72.7	66.7	68.8	68.6	60.6	19.6	29.3	54.8	57.3	49.6	53.2	52.9	53.7	49.6
59	GROTON	49.9	51.0	53.1	55.4	49.2	47.4	46.1	41.1	50.4	10.9	11.7	14.7	12.7	14.7	20.5	21.5	20.5	28.2
60	GUILFORD	47.8	36.2	36.2	42.5	44.8	42.5	46.5	44.5	55.2	14.4	8.6	11.7	10.3	14.9	14.2	12.5	19.9	23.8
61	HADDAM	39.8	45.5	48.2	60.5	51.4	59.0	67.5	62.2	53.8	31.3	30.9	37.6	43.2	45.8	44.6	52.5	47.3	47.3
62	HAMDEN	59.3	50.8	55.2	57.0	51.6	48.3	54.4	58.9	60.1	28.8	28.0	35.4	31.3	30.2	28.5	30.0	35.8	39.6
63	HAMPTON	47.4	36.4	46.7	15.0	37.5	23.1	29.6	42.9	50.0	10.5	9.1	6.7	10.0	18.8	0.0	14.8	33.3	33.3
64	HARTFORD	63.2	62.5	64.7	68.1	60.4	56.0	66.3	67.1	67.4	52.0	50.6	51.0	55.2	47.8	48.0	55.2	55.2	57.4
65	HARTLAND	30.0	18.8	30.0	25.0	27.3	52.0	47.6	36.8	25.0	5.0	12.5	5.0	12.5	13.6	8.0	14.3	10.5	25.0
66	HARWINTON	19.1	21.2	21.4	15.2	19.0	16.1	47.2	32.2	38.3	0.0	0.0	5.4	6.5	0.0	1.8	7.5	13.6	30.0
67	HEBRON	12.2	15.1	16.2	12.3	18.2	21.1	25.5	26.8	46.4	2.7	5.0	5.6	5.7	9.9	7.3	15.1	13.4	22.3
68	KENT	44.7	40.0	37.5	44.4	34.6	44.1	40.7	61.9	57.7	2.6	0.0	6.3	5.6	0.0	32.4	18.5	42.9	42.3
69	KILLINGLY	61.9	57.8	62.4	68.8	67.6	55.5	64.9	71.6	72.0	38.5	31.7	42.7	46.0	41.4	40.2	49.8	51.1	57.7
70	KILLINGWORTH	59.3	48.8	53.8	49.4	50.6	61.3	75.3	61.2	80.0	30.2	31.4	39.6	31.8	40.2	38.7	50.6	44.8	58.0
71	LEBANON	21.3	28.4	47.3	38.0	35.4	35.1	36.4	42.5	47.8	13.8	10.8	36.5	26.8	26.2	31.1	26.0	29.9	34.3
72	LEDYARD	55.4	65.0	71.1	75.4	55.8	58.4	65.4	65.5	68.0	6.5	8.6	16.8	15.0	13.6	23.2	37.7	35.1	43.5
73	LISBON	27.5	65.6	70.4	78.1	53.8	61.9	60.0	66.7	76.7	2.5	40.6	55.6	68.8	48.7	50.0	47.5	48.7	53.3
74	LITCHFIELD	14.5	25.0	25.7	25.4	17.1	30.5	47.1	39.0	50.0	6.0	5.6	4.3	9.0	2.9	7.3	8.8	20.3	28.6
75	LYME	64.7	81.8	72.2	81.3	76.2	80.0	68.8	71.4	100.0	41.2	59.1	61.1	50.0	19.0	53.3	18.8	71.4	0.0
76	MADISON	58.6	50.3	59.4	55.6	54.7	51.4	53.9	63.5	62.7	21.7	24.1	31.3	34.9	33.5	24.6	27.9	36.5	42.1
77	MANCHESTER	27.4	26.9	23.0	26.3	20.8	22.0	31.4	32.5	36.1	11.1	12.4	12.0	13.7	9.4	12.1	14.0	17.9	18.9
78	MANSFIELD	27.7	24.8	26.5	16.5	19.8	16.7	22.9	26.2	35.5	8.9	6.9	8.8	6.1	9.0	4.6	6.7	8.4	10.9
79	MARLBOROUGH	20.3	19.4	18.2	24.7	21.3	20.5	17.8	21.1	31.0	7.6	6.5	9.1	3.5	6.7	9.6	8.2	9.9	8.3
80	MERIDEN	56.5	57.6	59.8	70.4	52.0	52.8	64.5	65.3	64.4	22.2	42.2	42.4	48.4	39.9	40.9	48.4	51.3	51.7
81	MIDDLEBURY	61.3	56.3	66.2	80.3	56.4	61.0	72.0	67.7	69.2	20.0	20.8	20.0	29.6	25.5	26.0	29.3	26.2	29.2
82	MIDDLEFIELD	41.9	52.4	50.0	53.3	40.4	35.9	52.9	52.5	67.4	20.9	28.6	29.2	42.2	26.9	33.3	33.3	42.5	44.2

CY 2009 Data		Percent of Children with At Least One Lead Screening by 18 Months of Age by Year of Birth									Percent of Children with At Least Two Lead Screenings by 36 Months of Age by Year of Birth								
		1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006
83	MIDDLETOWN	47.6	47.8	51.2	53.3	53.3	48.0	52.2	55.6	54.4	29.8	36.5	39.9	39.6	35.7	33.5	36.8	42.8	43.2
84	MILFORD	45.7	45.1	51.0	63.1	58.6	58.3	63.8	63.3	65.9	22.6	22.8	25.9	28.9	31.6	26.2	31.5	34.3	43.2
85	MONROE	56.5	53.2	58.1	60.2	55.1	60.1	61.5	69.3	73.7	33.9	38.7	42.6	47.2	39.9	39.9	47.1	52.7	57.5
86	MONTVILLE	41.7	63.3	61.4	64.8	59.8	54.9	62.5	63.6	65.0	17.1	29.8	38.6	40.2	41.3	39.8	48.0	48.8	51.5
87	MORRIS	18.8	18.4	22.7	26.9	37.9	38.9	57.9	60.9	50.0	0.0	0.0	0.0	3.8	17.2	11.1	5.3	26.1	30.0
88	NAUGATUCK	43.3	45.9	46.2	47.9	44.9	46.3	65.6	60.5	70.5	12.8	13.8	19.6	21.1	21.1	18.9	30.8	27.2	35.4
89	NEW BRITAIN	54.8	53.7	62.6	67.6	51.6	59.7	61.8	65.4	67.7	27.4	30.1	37.8	38.8	31.2	38.7	46.7	48.3	52.7
90	NEW CANAAN	60.2	52.5	58.3	67.9	72.7	68.3	77.2	68.4	78.6	43.1	35.1	47.1	50.9	53.2	44.6	50.3	43.2	57.2
91	NEW FAIRFIELD	53.3	50.6	60.5	56.7	58.8	61.1	66.1	63.4	69.2	21.1	26.3	30.5	31.7	35.3	49.3	48.8	53.6	50.5
92	NEW HARTFORD	16.9	17.3	29.7	22.1	20.3	22.4	45.7	41.3	39.7	6.5	9.3	14.9	9.3	5.4	11.8	27.1	28.0	23.3
93	NEW HAVEN	62.4	58.6	58.4	63.8	52.8	53.8	61.6	62.5	62.9	47.2	45.0	46.6	50.0	41.9	37.8	42.2	44.3	47.4
94	NEW LONDON	56.2	56.4	59.4	64.2	56.1	46.7	53.9	44.1	44.9	30.2	35.0	36.6	36.0	25.5	26.1	34.0	24.1	28.9
95	NEW MILFORD	47.0	51.1	49.6	56.4	50.3	50.1	57.9	57.1	60.5	4.2	4.0	6.9	7.7	10.8	10.5	15.2	27.5	51.5
96	NEWINGTON	23.5	23.8	28.8	27.6	28.8	28.8	31.1	33.0	34.7	3.8	8.4	5.8	10.9	10.1	12.1	16.5	18.2	17.9
97	NEWTOWN	61.1	59.6	68.8	62.8	62.6	57.7	64.1	51.6	51.4	25.6	26.7	33.4	34.2	36.0	40.9	38.3	30.2	32.4
98	NORFOLK	26.1	8.7	0.0	10.5	25.0	0.0	11.8	0.0	14.3	4.3	4.3	0.0	0.0	6.3	0.0	0.0	0.0	7.1
99	NORTH BRANFORD	44.2	36.3	32.9	36.8	30.0	37.8	32.5	42.2	53.5	18.8	14.5	16.4	19.4	15.8	17.5	13.8	17.0	29.9
100	NORTH CANAAN	22.2	10.5	6.3	27.3	11.1	33.3	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
101	NORTH HAVEN	44.2	43.2	45.3	39.4	41.7	35.0	48.4	44.2	52.5	14.7	23.5	20.3	23.9	27.2	20.2	24.9	23.8	31.2
102	NORTH STONINGTON	33.3	33.9	39.0	40.4	36.7	32.8	60.0	63.2	60.6	6.3	6.8	13.6	14.9	14.3	22.4	46.0	42.1	48.5
103	NORWALK	44.3	53.0	61.7	67.6	54.1	61.0	70.0	71.9	72.6	27.3	32.0	44.0	51.2	41.6	49.2	55.8	58.0	61.0
104	NORWICH	47.6	60.5	64.0	69.3	60.3	61.7	63.3	66.7	67.5	22.3	31.9	50.2	51.1	42.8	46.9	44.2	49.9	54.0
105	OLD LYME	56.3	68.0	67.8	69.7	62.2	69.1	72.7	74.0	79.3	36.6	44.0	42.4	62.1	56.8	54.4	62.3	68.5	77.6
106	OLD SAYBROOK	82.0	77.5	73.2	80.6	70.8	77.8	76.5	77.9	72.2	67.6	59.6	64.3	67.7	63.3	55.6	62.2	66.2	70.9
107	ORANGE	67.4	60.0	63.6	71.1	67.0	68.4	70.4	75.2	81.6	15.3	10.8	21.8	10.1	24.1	21.4	17.6	38.9	57.0
108	OXFORD	67.5	74.2	65.9	72.5	71.0	64.7	71.2	72.0	68.5	24.6	30.6	39.1	44.4	47.3	46.3	48.5	49.3	52.0
109	PLAINFIELD	56.1	61.0	69.6	73.3	70.8	70.0	61.5	72.9	63.3	35.7	35.2	48.5	56.8	51.6	54.0	48.7	61.3	48.9
110	PLAINVILLE	40.1	41.0	56.8	56.8	55.5	53.6	60.1	54.6	55.4	4.5	12.1	19.9	23.1	23.2	28.2	36.6	30.3	36.2



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	1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006	
111 PLYMOUTH	44.6	47.1	56.1	67.5	55.0	54.7	65.1	57.7	62.1	5.8	11.6	13.5	21.1	17.8	18.2	29.4	15.4	31.1	
112 POMFRET	62.9	50.0	56.1	71.7	66.7	57.1	69.0	78.0	74.2	45.7	29.6	36.6	58.7	51.5	52.4	54.8	63.4	64.5	
113 PORTLAND	50.0	51.3	52.3	47.4	42.6	46.5	47.3	36.4	54.0	25.8	35.4	37.9	34.5	29.5	40.4	30.4	28.3	35.6	
114 PRESTON	33.3	65.2	70.3	78.0	57.1	62.3	75.9	70.2	68.4	16.7	23.9	56.8	53.7	40.8	49.1	48.3	59.6	34.2	
115 PROSPECT	59.6	50.0	47.7	59.1	46.4	52.4	60.0	55.3	62.5	15.7	17.3	15.9	21.5	15.5	16.7	20.0	23.3	21.3	
116 PUTNAM	58.3	50.0	54.9	58.8	59.5	55.1	59.2	72.5	72.7	25.9	30.4	41.8	38.7	38.0	43.3	44.7	55.0	53.4	
117 REDDING	67.0	62.4	65.1	64.0	47.9	50.0	65.5	60.2	62.3	25.5	23.8	27.7	43.2	38.5	36.7	52.9	45.8	49.2	
118 RIDGEFIELD	70.7	71.4	54.6	48.1	39.4	42.1	40.2	34.7	51.9	14.5	19.3	22.4	19.9	23.1	25.0	24.0	22.2	24.8	
119 ROCKY HILL	25.1	27.6	31.2	33.7	31.6	38.4	46.5	50.3	46.7	1.6	4.7	18.3	25.9	24.7	20.7	29.2	27.9	26.7	
120 ROXBURY	50.0	62.5	66.7	61.1	57.1	55.6	64.3	76.9	75.0	16.7	12.5	13.3	16.7	38.1	16.7	7.1	38.5	60.0	
121 SALEM	28.8	53.7	58.3	58.1	62.2	56.4	61.1	63.0	62.5	9.6	34.1	33.3	34.9	42.2	38.5	36.1	45.7	50.0	
122 SALISBURY	25.0	25.7	45.7	48.0	24.1	33.3	6.9	14.3	8.3	2.8	0.0	11.4	0.0	3.4	4.2	0.0	4.8	0.0	
123 SCOTLAND	15.8	28.6	7.7	31.6	6.7	7.7	44.4	26.7	18.8	0.0	14.3	7.7	26.3	6.7	7.7	33.3	26.7	6.3	
124 SEYMOUR	63.8	61.2	60.6	69.5	71.4	56.2	64.0	71.4	69.9	18.1	27.9	42.2	50.7	50.3	44.9	45.0	56.0	59.7	
125 SHARON	37.5	30.0	51.9	33.3	11.8	44.4	35.0	16.7	31.3	4.2	0.0	0.0	0.0	0.0	3.7	10.0	5.6	18.8	
126 SHELTON	66.0	59.3	60.5	70.4	62.8	63.6	69.6	69.5	69.3	33.8	28.6	40.2	46.9	38.4	42.1	47.4	47.9	53.8	
127 SHERMAN	50.0	72.7	61.3	51.1	46.9	62.1	56.5	57.7	61.8	8.8	12.1	19.4	21.3	15.6	31.0	34.8	30.8	44.1	
128 SIMSBURY	50.8	44.6	40.7	50.0	34.8	35.6	46.4	50.3	49.5	17.1	11.4	13.8	14.7	13.6	13.8	15.2	16.6	17.2	
129 SOMERS	30.9	30.6	25.5	42.6	28.6	39.3	46.8	44.3	47.4	19.1	18.1	18.4	11.7	20.0	25.0	35.1	25.3	33.3	
130 SOUTHBURY	76.1	72.0	75.5	70.4	25.7	29.6	24.8	24.5	28.7	37.7	37.6	38.0	44.0	8.4	14.2	9.6	10.0	12.6	
131 SOUTHLINGTON	29.3	30.8	39.9	44.7	71.7	62.1	67.6	76.6	71.9	3.5	9.6	15.8	17.5	38.8	38.5	43.4	52.6	51.1	
132 SOUTH WINDSOR	29.4	26.5	26.9	29.2	35.8	36.6	40.6	40.0	44.9	4.5	4.0	5.9	9.4	16.2	18.7	19.4	25.2	22.5	
133 SPRAGUE	25.8	64.3	48.6	75.0	47.1	55.6	65.5	71.1	64.6	16.1	17.9	42.9	56.3	38.2	38.9	37.9	52.6	52.1	
134 STAFFORD	41.0	34.8	31.3	32.6	35.5	28.1	53.5	63.1	63.0	14.4	20.5	10.7	17.4	17.8	20.7	39.5	48.5	46.7	
135 STAMFORD	42.3	38.0	46.3	64.5	53.8	54.5	63.5	64.7	63.4	21.7	24.3	32.7	42.1	36.0	40.0	45.8	45.6	45.4	
136 STERLING	50.0	62.2	74.3	76.5	64.3	53.3	84.6	76.7	82.1	26.5	51.4	68.6	61.8	50.0	42.2	65.4	63.3	71.4	
137 STONINGTON	35.1	35.9	54.3	52.6	36.5	41.0	60.6	61.6	60.8	8.3	8.8	16.4	8.5	7.4	19.1	36.9	37.3	48.1	
138 STRATFORD	57.2	59.5	58.9	64.7	58.0	62.1	63.4	71.3	69.1	36.9	37.5	42.0	47.3	40.1	44.2	48.1	52.2	55.7	
139 SUFFIELD	42.1	34.7	34.3	30.6	27.0	21.6	35.4	33.3	50.0	19.0	15.7	14.9	14.3	16.2	16.0	26.0	13.3	25.5	

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	1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006	
140 THOMASTON	47.4	46.8	57.3	63.7	48.1	50.0	56.8	62.8	71.6	6.2	12.7	14.6	14.2	12.3	10.2	17.3	20.5	27.0	
141 THOMPSON	27.6	36.6	28.8	45.8	35.6	35.1	49.5	69.2	71.9	16.1	16.1	20.7	32.5	16.4	24.7	36.6	55.8	54.4	
142 TOLLAND	39.1	31.7	38.2	34.2	28.3	27.0	35.5	38.9	43.4	8.2	12.9	16.1	5.4	13.3	9.4	16.3	14.0	26.3	
143 TORRINGTON	8.5	8.5	6.3	5.9	8.1	13.7	26.8	24.8	29.6	3.7	2.5	3.3	1.5	1.8	3.6	5.2	14.9	23.6	
144 TRUMBULL	46.9	45.8	50.0	60.8	56.9	57.0	61.4	71.5	65.4	26.4	27.1	34.2	34.5	33.8	37.9	41.0	50.8	49.7	
145 UNION	33.3	40.0	33.3	40.0	14.3	36.4	71.4	50.0	100.0	0.0	40.0	0.0	0.0	0.0	9.1	0.0	33.3	50.0	
146 VERNON	35.1	37.8	39.2	40.7	44.4	37.9	45.5	46.5	52.8	13.5	16.9	16.3	17.7	20.8	15.2	18.4	15.6	25.8	
147 VOLUNTOWN	38.2	62.9	60.6	71.0	72.7	63.0	62.5	95.0	62.5	17.6	34.3	42.4	54.8	39.4	44.4	53.1	65.0	54.2	
148 WALLINGFORD	58.3	62.7	61.6	65.8	57.3	55.9	68.2	64.6	65.6	10.5	32.1	36.3	37.7	35.7	38.2	41.2	44.9	47.3	
149 WARREN	50.0	20.0	25.0	66.7	70.0	50.0	60.0	66.7	37.5	0.0	0.0	0.0	8.3	0.0	0.0	10.0	38.9	50.0	
150 WASHINGTON	54.8	60.6	52.8	86.2	60.5	52.9	77.8	81.8	79.2	6.5	6.1	8.3	0.0	13.2	11.8	14.8	36.4	62.5	
151 WATERBURY	53.6	54.7	57.9	64.4	53.7	57.9	65.2	64.0	65.7	30.1	32.1	36.4	36.9	32.1	39.3	41.3	40.9	45.8	
152 WATERFORD	40.2	45.5	64.1	52.6	41.6	45.9	49.1	44.4	43.8	17.2	20.8	30.9	21.1	16.8	28.7	32.9	24.3	25.6	
153 WATERTOWN	53.9	61.3	62.7	66.0	53.0	55.5	62.7	68.3	68.8	7.8	15.3	12.7	17.2	12.1	16.6	13.3	22.6	23.3	
154 WEST HARTFORD	47.8	48.0	47.0	40.5	36.7	36.4	39.6	42.8	43.4	13.0	11.0	21.9	15.9	15.3	23.4	23.4	27.8	26.8	
155 WEST HAVEN	47.1	52.4	53.2	63.5	56.6	58.8	63.5	66.2	65.7	22.4	30.3	25.8	34.2	26.9	31.5	28.3	35.9	43.1	
156 WESTBROOK	70.6	73.4	72.8	67.7	68.3	56.3	56.7	54.7	72.1	49.0	54.4	55.6	52.3	46.7	40.6	43.3	34.0	54.1	
157 WESTON	40.5	52.3	72.3	81.4	74.0	72.1	78.8	75.0	74.7	26.6	35.2	53.3	63.6	63.6	58.7	64.4	61.5	56.6	
158 WESTPORT	33.0	69.5	75.0	79.7	71.0	74.1	79.8	75.1	82.8	20.0	45.7	57.7	60.0	58.0	65.6	67.3	63.6	67.5	
159 WETHERSFIELD	26.6	26.1	28.6	31.1	27.1	28.1	37.0	38.0	40.4	6.6	8.4	17.7	18.7	19.4	18.0	21.0	20.8	20.0	
160 WILLINGTON	35.8	36.2	30.5	20.5	26.1	30.0	47.3	42.5	48.8	5.7	6.9	13.6	4.5	17.4	10.0	14.5	17.5	23.3	
161 WILTON	53.5	63.7	64.9	76.4	68.1	71.9	85.6	76.8	80.1	30.4	46.3	51.8	64.4	57.4	59.1	71.3	63.7	66.7	
162 WINCHESTER	9.8	11.0	8.4	11.5	8.7	12.2	16.8	21.5	26.1	3.8	3.4	4.5	4.1	1.6	5.3	8.0	15.0	24.3	
163 WINDHAM	24.6	25.3	19.3	28.2	16.3	18.8	25.6	20.0	23.9	10.5	12.6	10.5	14.9	9.3	10.1	8.4	8.2	14.8	
164 WINDSOR	45.5	40.9	47.9	44.1	38.3	41.0	40.1	45.3	45.8	11.8	10.8	17.2	19.8	19.7	22.4	17.3	23.0	23.7	
165 WINDSOR LOCKS	38.8	35.9	32.4	35.0	23.5	28.6	34.4	29.6	41.2	6.0	14.1	7.2	9.4	8.7	15.2	20.8	16.3	24.6	
166 WOLCOTT	59.0	57.4	70.9	63.9	60.6	61.3	62.3	69.1	66.1	15.9	17.9	15.9	20.0	21.9	20.9	20.5	18.1	22.6	
167 WOODBRIDGE	51.1	55.4	48.4	66.2	67.3	64.1	72.9	72.4	77.0	12.8	18.5	14.1	23.0	21.8	24.4	23.7	25.9	49.2	
168 WOODBURY	65.4	63.6	71.3	77.1	71.0	64.2	75.3	77.9	72.8	28.8	26.2	30.7	31.4	26.9	43.4	30.3	40.3	45.7	

CY 2009 Data	Percent of Children with At Least One Lead Screening by 18 Months of Age by Year of Birth									Percent of Children with At Least Two Lead Screenings by 36 Months of Age by Year of Birth								
	1998	1999	2000	2001	2002	2003	2004	2005	2006	1998	1999	2000	2001	2002	2003	2004	2005	2006
169 WOODSTOCK	50.8	57.6	50.7	54.3	37.8	58.9	49.3	75.0	73.5	33.3	33.3	31.5	35.7	29.7	41.1	40.8	59.1	58.8

Note: Birth cohorts beyond 2006 are not included here because those children had not yet turned 36 months of age by the time this report was prepared.

# PREVALENCE OF ELEVATED BLOOD LEAD LEVELS

**Confirmation of Test Results** – A lead test is considered ‘confirmed’ if it was:

- 1) A venous blood draw,
- 2) A capillary blood draw with a result of  $<10 \mu\text{g/dL}$ ,
- 3) The second of two capillary blood draws, if both screenings results were  $\geq 10 \mu\text{g/dL}$  and the blood tests were drawn within 12 weeks of one another, or
- 4) A capillary blood draw with a result of  $\geq 10 \mu\text{g/dL}$ , if the previous lead test was a confirmed elevated blood lead level of  $\geq 10 \mu\text{g/dL}$ , regardless of the time lag between tests.

## **Prevalence of Elevated Blood Lead Levels** –

Prevalence of elevated blood lead levels is defined as the proportion of children under 6 years of age with a confirmed lead test in CY 2009 whose blood lead levels were  $\geq 10 \mu\text{g/dL}$ .

## **Prevalence of Environmental Intervention Blood Lead Levels** –

Per Connecticut General Statutes, local health departments are required to conduct epidemiological investigations and comprehensive inspections of residences to determine the source of lead exposure when children under 6 years of age are identified with a venous lead test  $\geq 20 \mu\text{g/dL}$ .

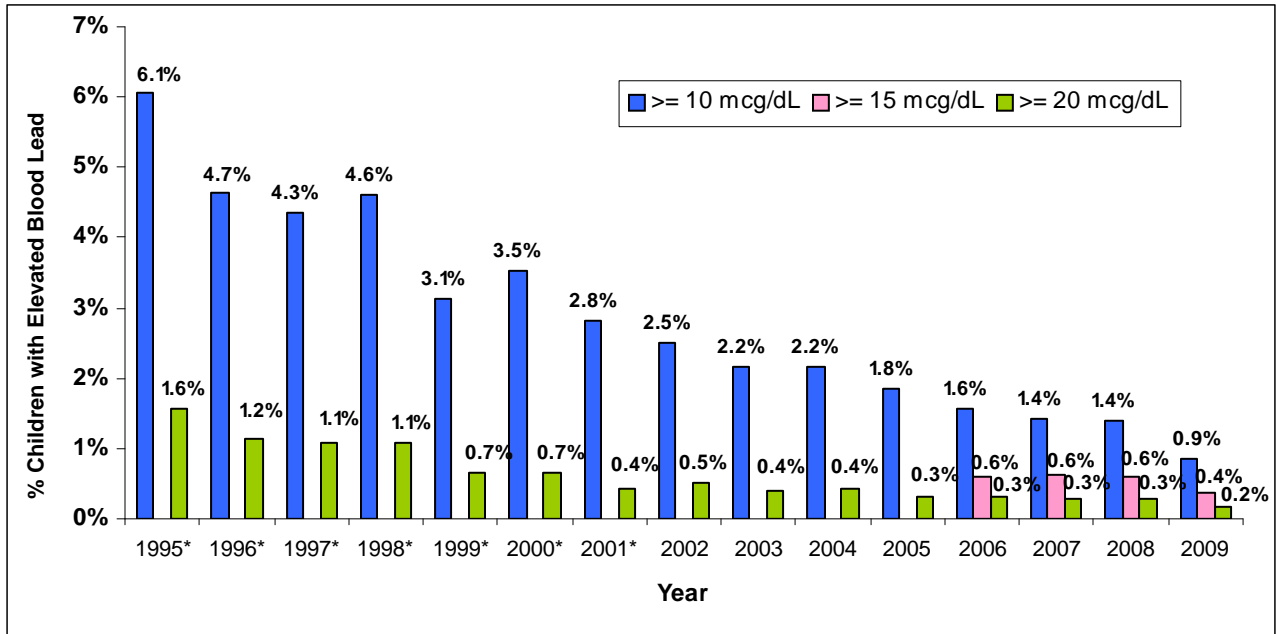
Effective January 1, 2009, local health departments are required to conduct on-site inspections of residences to determine the source of lead when children under 6 years of age have been identified with a venous lead result between 15 to 19  $\mu\text{g/dL}$  in two tests taken at least 3 months apart.

Some local health departments opt to respond at even lower levels of lead poisoning. Those environmental data elements are included in this report.

- Prevalence of elevated blood lead levels  $\geq 15 \mu\text{g/dL}$  is defined as the proportion of children under 6 years of age with a confirmed lead test in CY 2009 whose blood lead levels were  $\geq 15 \mu\text{g/dL}$ .
- Prevalence of elevated blood lead levels  $\geq 20 \mu\text{g/dL}$  is defined as the proportion of children under 6 years of age with a confirmed lead test whose blood lead levels were  $\geq 20 \mu\text{g/dL}$  in CY2009.

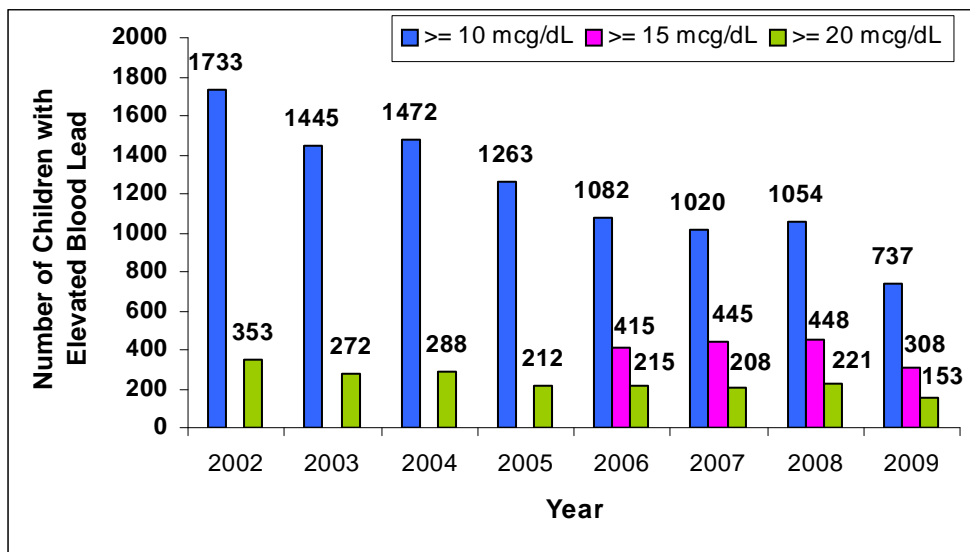


**Prevalence of children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 1995-2009\***



Among children under 6 years of age who had a confirmed blood lead test in 2009, 0.9%, 0.4%, and 0.2% of children were found to have blood lead levels of  $\geq 10 \mu\text{g/dL}$ ,  $\geq 15 \mu\text{g/dL}$ , and  $\geq 20 \mu\text{g/dL}$ , respectively. The prevalence of elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  continued to decrease from CY 1995 to CY 2009 and has dropped below 1% in CY 2009.

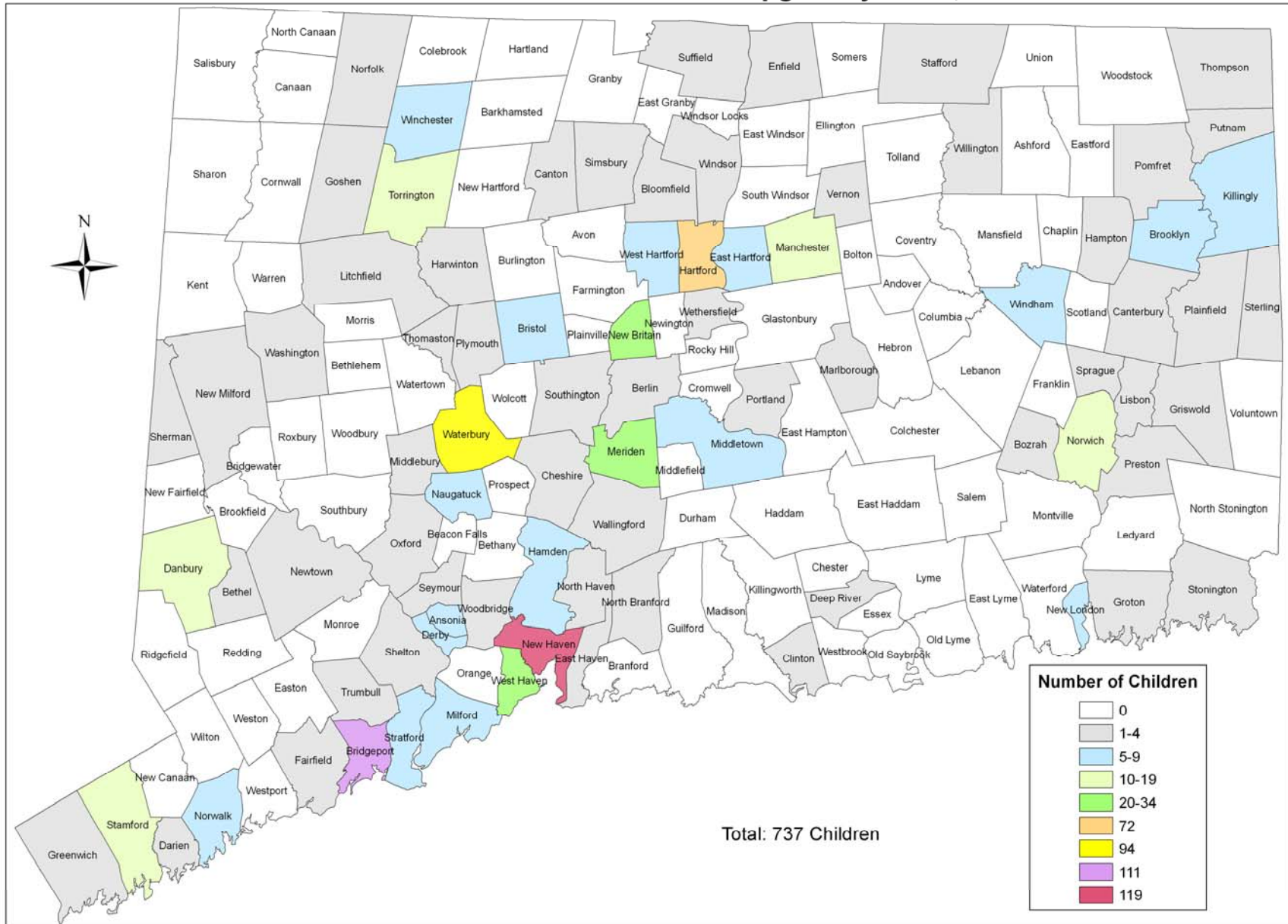
**Number of children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 2002-2009**



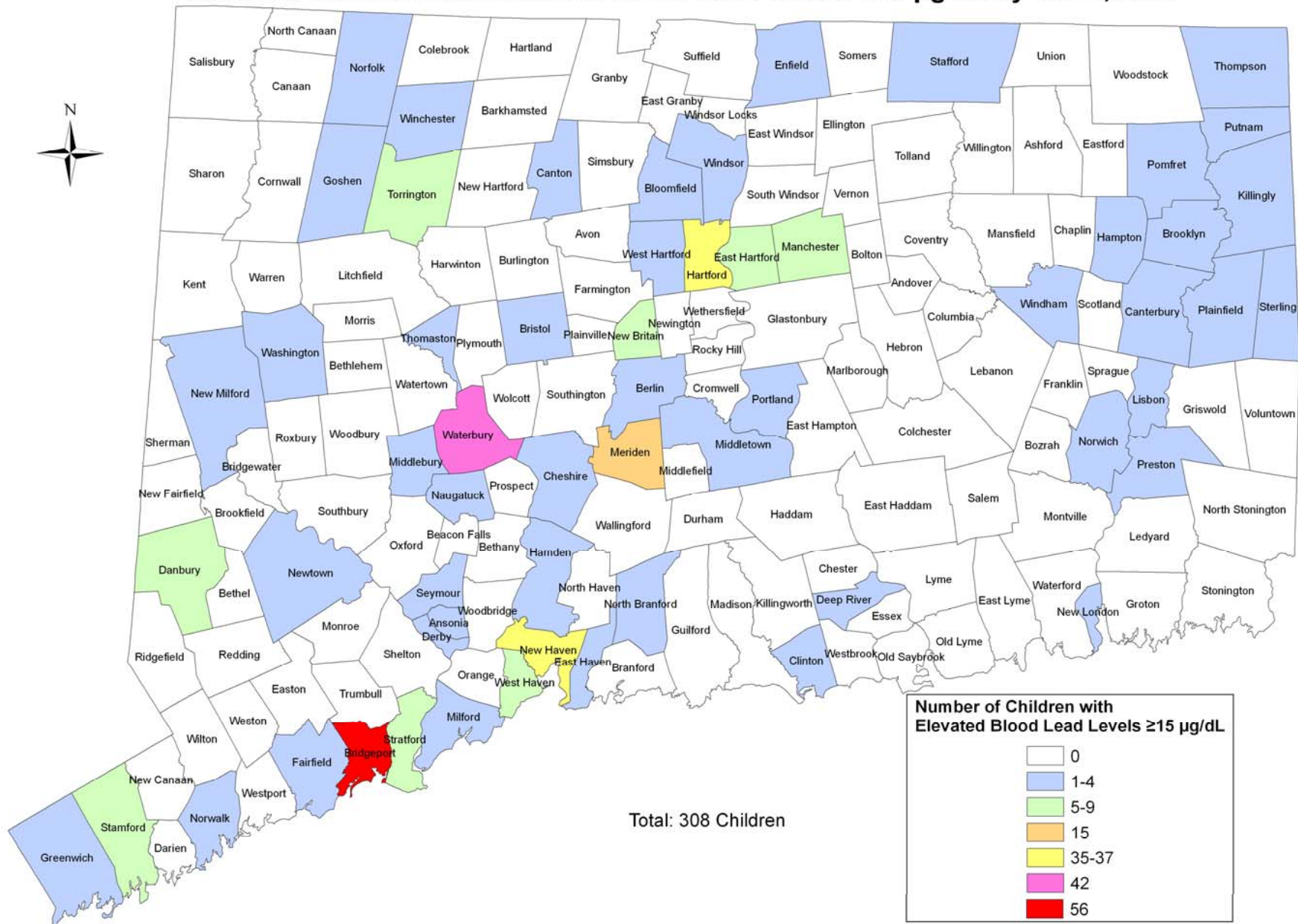
There is a trend of steady decline in the prevalence of elevated blood lead levels from CY 2002 to 2009 except for the CY 2004 and 2008. Among children under 6 years of age, there was a decrease of 317, 140 and 68 children who were found to have blood lead levels of  $\geq 10 \mu\text{g/dL}$ ,  $\geq 15 \mu\text{g/dL}$ , and  $\geq 20 \mu\text{g/dL}$ , respectively, from CY 2008 to CY 2009.

\* Data of 1995-2001 are based on analysis using number of tests instead of number of children screened as the unit of analysis. Data source of the 1995-2001 data is the previous published reports commonly known as Screening Data by Town.

## Number of Connecticut Children under 6 Years Old with Elevated Blood Lead Levels $\geq 10 \mu\text{g/dL}$ by Town, 2009



## Connecticut Children under 6 Years Old Number of Children with Elevated Blood Lead Levels $\geq 15 \mu\text{g/dL}$ by Town, 2009



**Percentage of children under 6 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2009**

		Numbers and Percents of Confirmed Blood Lead Levels among Children Aged Less Than Six Years with a Confirmed Lead Test															
CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Connecticut</b>																	
CY 2002	69,062	67,329	96.4	999	1.4	381	0.5	333	0.5	20	<0.1	1,733	2.5			353	0.5
CY 2003	66,847	65,402	97.8	878	1.3	295	0.4	252	0.4	20	<0.1	1,445	2.2			272	0.4
CY 2004	67,688	66,216	97.8	891	1.3	293	0.4	270	0.4	18	<0.1	1,472	2.2			288	0.4
CY 2005	68,757	67,494	98.2	821	1.2	230	0.3	198	0.3	14	<0.1	1,263	1.8			212	0.3
CY 2006	68,828	67,746	98.4	667	1.0	200	0.3	194	0.3	21	<0.1	1,082	1.6	415	0.6	215	0.3
CY 2007	71,627	70,607	98.6	575	0.8	237	0.3	190	0.3	18	<0.1	1,020	1.4	445	0.6	208	0.3
CY 2008	76,367	75,313	98.6	606	0.8	227	0.3	198	0.3	23	<0.1	1,054	1.4	448	0.6	221	0.3
<b>CY 2009</b>	<b>85,138</b>	<b>84,401</b>	<b>99.1</b>	<b>429</b>	<b>0.5</b>	<b>155</b>	<b>0.2</b>	<b>136</b>	<b>0.2</b>	<b>17</b>	<b>&lt;0.1</b>	<b>737</b>	<b>0.9</b>	<b>308</b>	<b>0.4</b>	<b>153</b>	<b>0.2</b>
<b>By-Town</b>																	
1 ANDOVER	55	55	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2 ANSONIA	554	547	98.7	3	0.5	2	0.4	2	0.4	0	0.0	7	1.3	4	0.7	2	0.4
3 ASHFORD	67	67	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 AVON	205	205	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5 BARKHAMSTED	60	60	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
6 BEACON FALLS	118	118	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7 BERLIN	256	255	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4	1	0.4
8 BETHANY	77	77	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
9 BETHEL	374	373	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
10 BETHLEHEM	37	37	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11 BLOOMFIELD	331	330	99.7	0	0.0	1	0.3	0	0.0	0	0.0	1	0.3	1	0.3	0	0.0
12 BOLTON	70	70	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13 BOZRAH	35	34	97.1	1	2.9	0	0.0	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0

<sup>a</sup> Inclusive with blood lead levels ≥15 µg/dL and ≥20 µg/dL

<sup>b</sup> Inclusive with blood lead levels ≥20 µg/dL



Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics							
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
14 BRANFORD	416	416	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15 BRIDGEPORT	7083	6972	98.4	55	0.8	41	0.6	15	0.2	0	0.0	111	1.6	56	0.8	15	0.2		
16 BRIDGEWATER	12	12	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
17 BRISTOL	1074	1066	99.3	4	0.4	1	0.1	3	0.3	0	0.0	8	0.7	4	0.4	3	0.3		
18 BROOKFIELD	252	252	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
19 BROOKLYN	194	189	97.4	4	2.1	1	0.5	0	0.0	0	0.0	5	2.6	1	0.5	0	0.0		
20 BURLINGTON	150	150	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
21 CANAAN	10	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
22 CANTERBURY	85	84	98.8	0	0.0	0	0.0	1	1.2	0	0.0	1	1.2	1	1.2	1	1.2	1	1.2
23 CANTON	149	148	99.3	0	0.0	0	0.0	1	0.7	0	0.0	1	0.7	1	0.7	1	0.7	1	0.7
24 CHAPLIN	33	33	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25 CHESHIRE	421	419	99.5	1	0.2	0	0.0	1	0.2	0	0.0	2	0.5	1	0.2	1	0.2	1	0.2
26 CHESTER	52	52	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
27 CLINTON	299	298	99.7	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	1	0.3	1	0.3	1	0.3
28 COLCHESTER	317	317	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
29 COLEBROOK	12	12	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30 COLUMBIA	75	75	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 CORNWALL	15	15	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
32 COVENTRY	220	220	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
33 CROMWELL	248	248	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
34 DANBURY	1949	1935	99.3	9	0.5	2	0.1	1	0.1	2	0.1	14	0.7	5	0.3	3	0.2		
35 DARIEN	472	471	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0
36 DEEP RIVER	90	89	98.9	0	0.0	1	1.1	0	0.0	0	0.0	1	1.1	1	1.1	0	0.0		
37 DERBY	348	342	98.3	4	1.1	2	0.6	0	0.0	0	0.0	6	1.7	2	0.6	0	0.0		
38 DURHAM	104	104	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
39 EAST GRANBY	103	103	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40 EAST HADDAM	148	148	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics							
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
41 EAST HAMPTON	257	257	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
42 EAST HARTFORD	1496	1488	99.5	3	0.2	3	0.2	1	0.1	1	0.1	8	0.5	5	0.3	2	0.1		
43 EAST HAVEN	584	582	99.7	1	0.2	0	0.0	1	0.2	0	0.0	2	0.3	1	0.2	1	0.2		
44 EAST LYME	265	265	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
45 EAST WINDSOR	184	184	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
46 EASTFORD	24	24	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
47 EASTON	87	87	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
48 ELLINGTON	279	279	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
49 ENFIELD	756	753	99.6	0	0.0	2	0.3	0	0.0	1	0.1	3	0.4	3	0.4	1	0.1		
50 ESSEX	113	113	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
51 FAIRFIELD	1115	1112	99.7	2	0.2	1	0.1	0	0.0	0	0.0	3	0.3	1	0.1	0	0.0		
52 FARMINGTON	336	336	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
53 FRANKLIN	26	26	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
54 GLASTONBURY	795	795	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
55 GOSHEN	39	38	97.4	0	0.0	0	0.0	1	2.6	0	0.0	1	2.6	1	2.6	1	2.6		
56 GRANBY	147	147	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
57 GREENWICH	1007	1003	99.6	2	0.2	2	0.2	0	0.0	0	0.0	4	0.4	2	0.2	0	0.0		
58 GRISWOLD	282	281	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0		
59 GROTON	1124	1123	99.9	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0		
60 GUILFORD	248	248	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
61 HADDAM	151	151	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
62 HAMDEN	1087	1080	99.4	6	0.6	0	0.0	1	0.1	0	0.0	7	0.6	1	0.1	1	0.1		
63 HAMPTON	45	44	97.8	0	0.0	1	2.2	0	0.0	0	0.0	1	2.2	1	2.2	0	0.0		
64 HARTFORD	5729	5657	98.7	37	0.6	19	0.3	14	0.2	2	0.0	72	1.3	35	0.6	16	0.3		
65 HARTLAND	22	22	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
66 HARWINTON	110	109	99.1	1	0.9	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0		
67 HEBRON	170	170	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
68 KENT	36	36	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
69 KILLINGLY	495	490	99.0	1	0.2	3	0.6	1	0.2	0	0.0	5	1.0	4	0.8	1	0.2
70 KILLINGWORTH	101	101	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
71 LEBANON	125	125	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
72 LEDYARD	284	284	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
73 LISBON	48	47	97.9	0	0.0	0	0.0	1	2.1	0	0.0	1	2.1	1	2.1	1	2.1
74 LITCHFIELD	127	125	98.4	2	1.6	0	0.0	0	0.0	0	0.0	2	1.6	0	0.0	0	0.0
75 LYME	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
76 MADISON	201	201	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
77 MANCHESTER	1263	1252	99.1	4	0.3	2	0.2	3	0.2	2	0.2	11	0.9	7	0.6	5	0.4
78 MANSFIELD	172	172	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
79 MARLBOROUGH	116	115	99.1	1	0.9	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0
80 MERIDEN	2124	2098	98.8	11	0.5	6	0.3	9	0.4	0	0.0	26	1.2	15	0.7	9	0.4
81 MIDDLEBURY	132	131	99.2	0	0.0	0	0.0	1	0.8	0	0.0	1	0.8	1	0.8	1	0.8
82 MIDDLEFIELD	75	75	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
83 MIDDLETOWN	1090	1085	99.5	2	0.2	2	0.2	1	0.1	0	0.0	5	0.5	3	0.3	1	0.1
84 MILFORD	1000	995	99.5	3	0.3	1	0.1	1	0.1	0	0.0	5	0.5	2	0.2	1	0.1
85 MONROE	295	295	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
86 MONTVILLE	325	325	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
87 MORRIS	29	29	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
88 NAUGATUCK	761	755	99.2	5	0.7	0	0.0	1	0.1	0	0.0	6	0.8	1	0.1	1	0.1
89 NEW BRITAIN	3137	3103	98.9	25	0.8	3	0.1	6	0.2	0	0.0	34	1.1	9	0.3	6	0.2
90 NEW CANAAN	346	346	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
91 NEW FAIRFIELD	210	210	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92 NEW HARTFORD	96	96	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
93 NEW HAVEN	4722	4603	97.5	82	1.7	13	0.3	20	0.4	4	0.1	119	2.5	37	0.8	24	0.5
94 NEW LONDON	710	704	99.2	3	0.4	2	0.3	1	0.1	0	0.0	6	0.8	3	0.4	1	0.1

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
95 NEW MILFORD	517	514	99.4	2	0.4	1	0.2	0	0.0	0	0.0	3	0.6	1	0.2	0	0.0
96 NEWINGTON	369	369	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
97 NEWTOWN	289	288	99.7	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	1	0.3	1	0.3
98 NORFOLK	26	25	96.2	0	0.0	1	3.8	0	0.0	0	0.0	1	3.8	1	3.8	0	0.0
99 NORTH BRANFORD	225	224	99.6	0	0.0	0	0.0	0	0.0	1	0.4	1	0.4	1	0.4	1	0.4
100 NORTH CANAAN	38	38	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
101 NORTH HAVEN	385	384	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
102 NORTH STONINGTON	97	97	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
103 NORWALK	3060	3052	99.7	4	0.1	1	0.0	3	0.1	0	0.0	8	0.3	4	0.1	3	0.1
104 NORWICH	1162	1150	99.0	10	0.9	0	0.0	2	0.2	0	0.0	12	1.0	2	0.2	2	0.2
105 OLD LYME	142	142	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
106 OLD SAYBROOK	139	139	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
107 ORANGE	189	189	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
108 OXFORD	240	239	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
109 PLAINFIELD	441	438	99.3	2	0.5	0	0.0	1	0.2	0	0.0	3	0.7	1	0.2	1	0.2
110 PLAINVILLE	312	312	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
111 PLYMOUTH	194	193	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
112 POMFRET	89	87	97.8	1	1.1	1	1.1	0	0.0	0	0.0	2	2.2	1	1.1	0	0.0
113 PORTLAND	196	195	99.5	0	0.0	1	0.5	0	0.0	0	0.0	1	0.5	1	0.5	0	0.0
114 PRESTON	61	60	98.4	0	0.0	1	1.6	0	0.0	0	0.0	1	1.6	1	1.6	0	0.0
115 PROSPECT	169	169	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
116 PUTNAM	262	261	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0
117 REDDING	137	137	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
118 RIDGEFIELD	467	467	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
119 ROCKY HILL	313	313	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120 ROXBURY	19	19	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
121 SALEM	80	80	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

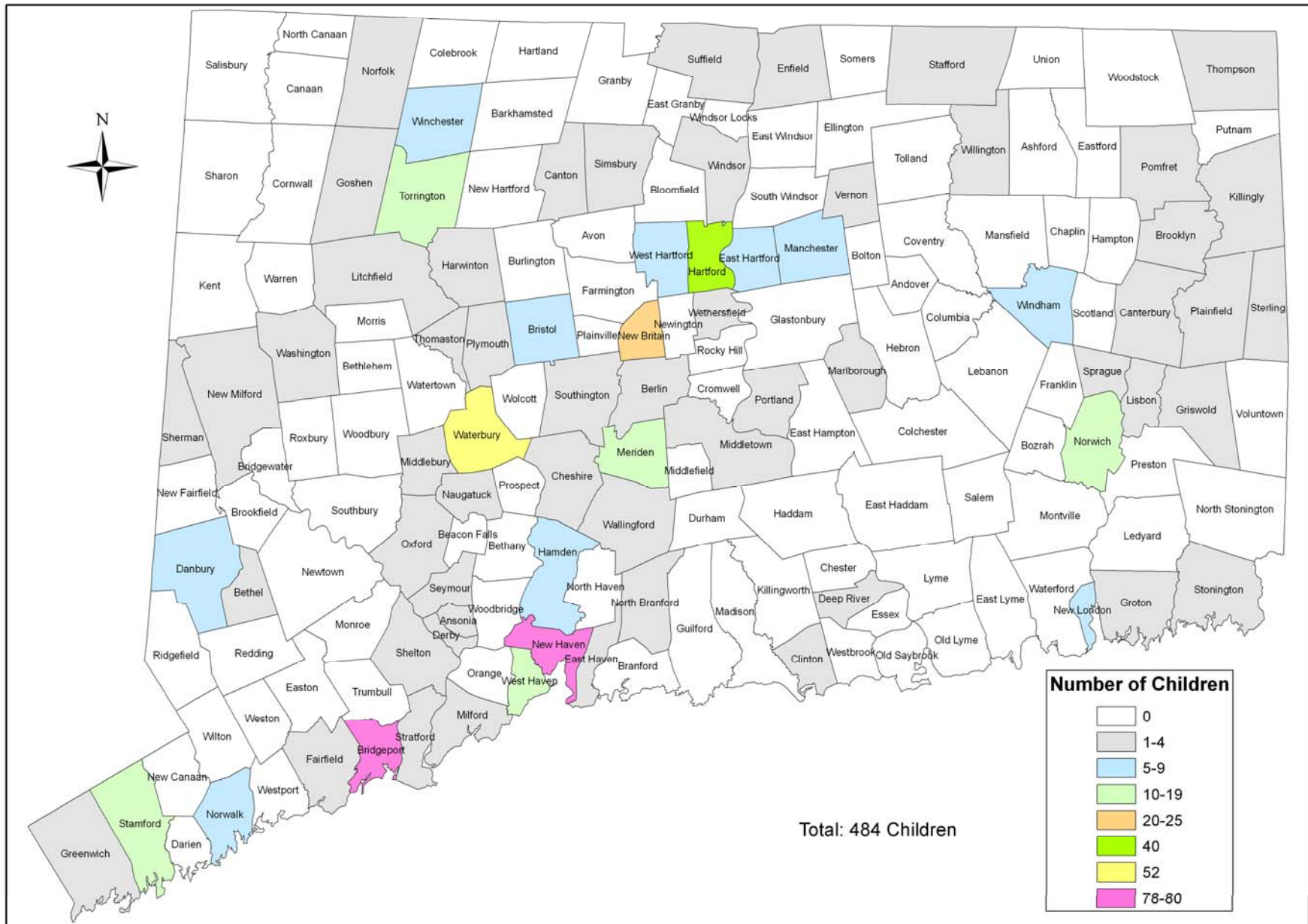
Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
122 SALISBURY	11	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
123 SCOTLAND	7	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
124 SEYMOUR	383	381	99.5	1	0.3	0	0.0	1	0.3	0	0.0	2	0.5	1	0.3	1	0.3
125 SHARON	15	15	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
126 SHELTON	673	671	99.7	2	0.3	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	0	0.0
127 SHERMAN	40	39	97.5	1	2.5	0	0.0	0	0.0	0	0.0	1	2.5	0	0.0	0	0.0
128 SIMSBURY	295	293	99.3	2	0.7	0	0.0	0	0.0	0	0.0	2	0.7	0	0.0	0	0.0
129 SOMERS	127	127	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
130 WINDSOR	348	348	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
131 SOUTHBURY	211	211	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
132 SOUTHINGTON	656	655	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
133 SPRAGUE	77	76	98.7	1	1.3	0	0.0	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0
134 STAFFORD	202	199	98.5	1	0.5	1	0.5	1	0.5	0	0.0	3	1.5	2	1.0	1	0.5
135 STAMFORD	3543	3525	99.5	13	0.4	2	0.1	3	0.1	0	0.0	18	0.5	5	0.1	3	0.1
136 STERLING	85	84	98.8	0	0.0	0	0.0	1	1.2	0	0.0	1	1.2	1	1.2	1	1.2
137 STONINGTON	256	254	99.2	2	0.8	0	0.0	0	0.0	0	0.0	2	0.8	0	0.0	0	0.0
138 STRATFORD	1141	1134	99.4	1	0.1	3	0.3	2	0.2	1	0.1	7	0.6	6	0.5	3	0.3
139 SUFFIELD	195	194	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
140 THOMASTON	129	126	97.7	2	1.6	1	0.8	0	0.0	0	0.0	3	2.3	1	0.8	0	0.0
141 THOMPSON	172	170	98.8	1	0.6	1	0.6	0	0.0	0	0.0	2	1.2	1	0.6	0	0.0
142 TOLLAND	286	286	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
143 TORRINGTON	964	947	98.2	11	1.1	4	0.4	2	0.2	0	0.0	17	1.8	6	0.6	2	0.2
144 TRUMBULL	607	606	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
145 UNION	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
146 VERNON	609	606	99.5	3	0.5	0	0.0	0	0.0	0	0.0	3	0.5	0	0.0	0	0.0
147 VOLUNTOWN	61	61	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
148 WALLINGFORD	942	940	99.8	2	0.2	0	0.0	0	0.0	0	0.0	2	0.2	0	0.0	0	0.0

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2009 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
149 WARREN	14	14	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
150 WASHINGTON	40	39	97.5	0	0.0	0	0.0	1	2.5	0	0.0	1	2.5	1	2.5	1	2.5
151 WATERBURY	5397	5303	98.3	52	1.0	20	0.4	20	0.4	2	0.0	94	1.7	42	0.8	22	0.4
152 WATERFORD	255	255	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
153 WATERTOWN WEST	353	353	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
154 HARTFORD	944	939	99.5	4	0.4	1	0.1	0	0.0	0	0.0	5	0.5	1	0.1	0	0.0
155 WEST HAVEN	1450	1430	98.6	13	0.9	2	0.1	5	0.3	0	0.0	20	1.4	7	0.5	5	0.3
156 WESTBROOK	107	107	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
157 WESTON	147	147	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
158 WESTPORT	485	485	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
59 WETHERSFIELD	477	476	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
160 WILLINGTON	74	73	98.6	1	1.4	0	0.0	0	0.0	0	0.0	1	1.4	0	0.0	0	0.0
161 WILTON	353	353	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
162 WINCHESTER	280	272	97.1	4	1.4	2	0.7	2	0.7	0	0.0	8	2.9	4	1.4	2	0.7
163 WINDHAM	611	602	98.5	7	1.1	0	0.0	2	0.3	0	0.0	9	1.5	2	0.3	2	0.3
164 WINDSOR	493	490	99.4	2	0.4	0	0.0	0	0.0	1	0.2	3	0.6	1	0.2	1	0.2
165 WINDSOR LOCKS	188	188	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
166 WOLCOTT	309	309	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
167 WOODBRIDGE	116	115	99.1	1	0.9	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0
168 WOODBURY	154	154	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
169 WOODSTOCK	160	160	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

# Connecticut Children 1 and 2 Years Old Number of Children with Elevated Blood Lead Levels $\geq 10 \mu\text{g}$ By Town, 2009



**Percentage of children 1 and 2 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2009**

		Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test																
CY 2009 Data (1 to 2 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics						
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<b>Connecticut</b>																		
CY 2002	39,984	39,002	97.5	539	1.3	228	0.6	203	0.5	12	<0.1	982	2.5			215	0.5	
CY 2003	38,299	37,480	97.9	476	1.2	159	0.4	171	0.4	13	<0.1	819	2.1			184	0.5	
CY 2004	39,344	38,485	97.8	504	1.3	177	0.4	166	0.4	12	<0.1	859	2.2			178	0.5	
CY 2005	42,639	41,870	98.2	477	1.1	151	0.4	133	0.3	8	<0.1	769	1.8			141	0.3	
CY 2006	42,901	42,267	98.6	379	0.9	116	0.3	128	0.3	11	<0.1	634	1.5	255	0.6	139	0.3	
CY 2007	44,777	44,156	98.6	343	0.8	146	0.3	124	0.3	8	<0.1	621	1.4	278	0.6	137	0.3	
CY 2008	48,390	47,699	98.6	389	0.8	144	0.3	146	0.3	12	<0.1	691	1.4	302	0.6	158	0.3	
<b>CY 2009</b>	<b>53,968</b>	<b>53,484</b>	<b>99.1</b>	<b>282</b>	<b>0.5</b>	<b>101</b>	<b>0.2</b>	<b>90</b>	<b>0.2</b>	<b>11</b>	<b>&lt;0.1</b>	<b>484</b>	<b>0.9</b>	<b>202</b>	<b>0.4</b>	<b>101</b>	<b>0.2</b>	
<b>By-Town</b>																		
1	ANDOVER	28	28	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2	ANSONIA	266	262	98.5	2	0.8	2	0.8	0	0.0	0	0.0	4	1.5	2	0.8	0	0.0
3	ASHFORD	46	46	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4	AVON	161	161	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5	BARKHAMSTED	39	39	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
6	BEACON FALLS	68	68	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7	BERLIN	131	130	99.2	0	0.0	0	0.0	1	0.8	0	0.0	1	0.8	1	0.8	1	0.8
8	BETHANY	66	66	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
9	BETHEL	267	266	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
10	BETHLEHEM	27	27	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11	BLOOMFIELD	227	227	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
12	BOLTON	50	50	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

<sup>a</sup> Inclusive with blood lead levels ≥15 µg/dL and ≥20 µg/dL

<sup>b</sup> Inclusive with blood lead levels ≥20 µg/dL



Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged One to Two Years with a Confirmed Lead Test

CY 2009 Data (1 to 2 years old)		Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
13	BOZRAH	27	27	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
14	BRANFORD	351	351	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15	BRIDGEPORT	3807	3729	98.0	38	1.0	32	0.8	8	0.2	0	0.0	78	2.0	40	1.1	8	0.2
16	BRIDGEWATER	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
17	BRISTOL	770	765	99.4	3	0.4	1	0.1	1	0.1	0	0.0	5	0.6	2	0.3	1	0.1
18	BROOKFIELD	196	196	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
19	BROOKLYN	109	106	97.2	3	2.8	0	0.0	0	0.0	0	0.0	3	2.8	0	0.0	0	0.0
20	BURLINGTON	90	90	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
21	CANAAN	6	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
22	CANTERBURY	64	63	98.4	0	0.0	0	0.0	1	1.6	0	0.0	1	1.6	1	1.6	1	1.6
23	CANTON	119	118	99.2	0	0.0	0	0.0	1	0.8	0	0.0	1	0.8	1	0.8	1	0.8
24	CHAPLIN	23	23	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25	CHESHIRE	260	258	99.2	1	0.4	0	0.0	1	0.4	0	0.0	2	0.8	1	0.4	1	0.4
26	CHESTER	39	39	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
27	CLINTON	235	234	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4	1	0.4
28	COLCHESTER	219	219	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
29	COLEBROOK	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30	COLUMBIA	57	57	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31	CORNWALL	13	13	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
32	COVENTRY	161	161	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
33	CROMWELL	160	160	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
34	DANBURY	1384	1375	99.3	6	0.4	1	0.1	1	0.1	1	0.1	9	0.7	3	0.2	2	0.1
35	DARIEN	292	292	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
36	DEEP RIVER	82	81	98.8	0	0.0	1	1.2	0	0.0	0	0.0	1	1.2	1	1.2	0	0.0
37	DERBY	198	196	99.0	1	0.5	1	0.5	0	0.0	0	0.0	2	1.0	1	0.5	0	0.0

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged One to Two Years with a Confirmed Lead Test

CY 2009 Data (1 to 2 years old)		Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
38	DURHAM	80	80	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
39	EAST GRANBY	68	68	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40	EAST HADDAM	105	105	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
41	EAST HAMPTON	155	155	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
42	EAST HARTFORD	972	966	99.4	3	0.3	2	0.2	1	0.1	0	0.0	6	0.6	3	0.3	1	0.1
43	EAST HAVEN	455	453	99.6	1	0.2	0	0.0	1	0.2	0	0.0	2	0.4	1	0.2	1	0.2
44	EAST LYME	180	180	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
45	EAST WINDSOR	114	114	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
46	EASTFORD	16	16	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
47	EASTON	78	78	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
48	ELLINGTON	184	184	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
49	ENFIELD	426	424	99.5	0	0.0	1	0.2	0	0.0	1	0.2	2	0.5	2	0.5	1	0.2
50	ESSEX	95	95	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
51	FAIRFIELD	934	932	99.8	2	0.2	0	0.0	0	0.0	0	0.0	2	0.2	0	0.0	0	0.0
52	FARMINGTON	238	238	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
53	FRANKLIN	17	17	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
54	GLASTONBURY	376	376	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
55	GOSHEN	27	26	96.3	0	0.0	0	0.0	1	3.7	0	0.0	1	3.7	1	3.7	1	3.7
56	GRANBY	102	102	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
57	GREENWICH	687	684	99.6	2	0.3	1	0.1	0	0.0	0	0.0	3	0.4	1	0.1	0	0.0
58	GRISWOLD	191	190	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
59	GROTON	787	786	99.9	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
60	GUILFORD	203	203	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
61	HADDAM	104	104	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
62	HAMDEN	835	829	99.3	5	0.6	0	0.0	1	0.1	0	0.0	6	0.7	1	0.1	1	0.1

Numbers and Percents of Confirmed Blood Lead Levels  
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			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
63	HAMPTON	37	37	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
64	HARTFORD	3269	3229	98.8	23	0.7	9	0.3	6	0.2	2	0.1	40	1.2	17	0.5	8	0.2
65	HARTLAND	14	14	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
66	HARWINTON	80	79	98.8	1	1.3	0	0.0	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0
67	HEBRON	85	85	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
68	KENT	27	27	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
69	KILLINGLY	297	295	99.3	1	0.3	0	0.0	1	0.3	0	0.0	2	0.7	1	0.3	1	0.3
70	KILLINGWORTH	84	84	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
71	LEBANON	92	92	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
72	LEDYARD	231	231	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
73	LISBON	35	34	97.1	0	0.0	0	0.0	1	2.9	0	0.0	1	2.9	1	2.9	1	2.9
74	LITCHFIELD	98	97	99.0	1	1.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0
75	LYME	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
76	MADISON	167	167	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
77	MANCHESTER	864	857	99.2	2	0.2	2	0.2	2	0.2	1	0.1	7	0.8	5	0.6	3	0.3
78	MANSFIELD	122	122	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
79	MARLBOROUGH	59	58	98.3	1	1.7	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0
80	MERIDEN	1319	1301	98.6	7	0.5	5	0.4	6	0.5	0	0.0	18	1.4	11	0.8	6	0.5
81	MIDDLEBURY	86	85	98.8	0	0.0	0	0.0	1	1.2	0	0.0	1	1.2	1	1.2	1	1.2
82	MIDDLEFIELD	55	55	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
83	MIDDLETOWN	673	669	99.4	2	0.3	1	0.1	1	0.1	0	0.0	4	0.6	2	0.3	1	0.1
84	MILFORD	805	802	99.6	2	0.2	1	0.1	0	0.0	0	0.0	3	0.4	1	0.1	0	0.0
85	MONROE	261	261	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
86	MONTVILLE	248	248	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
87	MORRIS	17	17	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
88	NAUGATUCK	453	449	99.1	3	0.7	0	0.0	1	0.2	0	0.0	4	0.9	1	0.2	1	0.2
89	NEW BRITAIN	1380	1358	98.4	16	1.2	3	0.2	3	0.2	0	0.0	22	1.6	6	0.4	3	0.2
90	NEW CANAAN	221	221	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
91	NEW FAIRFIELD	144	144	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92	NEW HARTFORD	66	66	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
93	NEW HAVEN	3018	2938	97.3	54	1.8	9	0.3	14	0.5	3	0.1	80	2.7	26	0.9	17	0.6
94	NEW LONDON	402	397	98.8	2	0.5	2	0.5	1	0.2	0	0.0	5	1.2	3	0.7	1	0.2
95	NEW MILFORD	440	439	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
96	NEWINGTON	214	214	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
97	NEWTOWN	234	234	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
98	NORFOLK	15	14	93.3	0	0.0	1	6.7	0	0.0	0	0.0	1	6.7	1	6.7	0	0.0
99	NORTH BRANFORD	171	170	99.4	0	0.0	0	0.0	0	0.0	1	0.6	1	0.6	1	0.6	1	0.6
100	NORTH CANAAN	26	26	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
101	NORTH HAVEN	257	257	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
102	NORTH STONINGTON	62	62	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
103	NORWALK	1813	1807	99.7	4	0.2	0	0.0	2	0.1	0	0.0	6	0.3	2	0.1	2	0.1
104	NORWICH	737	727	98.6	9	1.2	0	0.0	1	0.1	0	0.0	10	1.4	1	0.1	1	0.1
105	OLD LYME	124	124	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
106	OLD SAYBROOK	116	116	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
107	ORANGE	169	169	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
108	OXFORD	185	184	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
109	PLAINFIELD	287	285	99.3	1	0.3	0	0.0	1	0.3	0	0.0	2	0.7	1	0.3	1	0.3
110	PLAINVILLE	173	173	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
111	PLYMOUTH	126	125	99.2	1	0.8	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0
112	POMFRET	50	49	98.0	1	2.0	0	0.0	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0

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			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
113	PORTLAND	124	123	99.2	0	0.0	1	0.8	0	0.0	0	0.0	1	0.8	1	0.8	0	0.0
114	PRESTON	53	53	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
115	PROSPECT	98	98	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
116	PUTNAM	177	177	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
117	REDDING	88	88	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
118	RIDGEFIELD	292	292	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
119	ROCKY HILL	182	182	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120	ROXBURY	17	17	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
121	SALEM	63	63	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
122	SALISBURY	10	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
123	SCOTLAND	6	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
124	SEYMOUR	220	218	99.1	1	0.5	0	0.0	1	0.5	0	0.0	2	0.9	1	0.5	1	0.5
125	SHARON	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
126	SHELTON	505	504	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
127	SHERMAN	33	32	97.0	1	3.0	0	0.0	0	0.0	0	0.0	1	3.0	0	0.0	0	0.0
128	SIMSBURY	204	202	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0	0	0.0
129	SOMERS	83	83	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
130	SOUTH WINDSOR	259	259	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
131	SOUTHBURY	181	181	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
132	SOUTHINGTON	378	377	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
133	SPRAGUE	58	57	98.3	1	1.7	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0
134	STAFFORD	155	152	98.1	1	0.6	1	0.6	1	0.6	0	0.0	3	1.9	2	1.3	1	0.6
135	STAMFORD	2271	2261	99.6	7	0.3	1	0.0	2	0.1	0	0.0	10	0.4	3	0.1	2	0.1
136	STERLING	58	57	98.3	0	0.0	0	0.0	1	1.7	0	0.0	1	1.7	1	1.7	1	1.7
137	STONINGTON	153	151	98.7	2	1.3	0	0.0	0	0.0	0	0.0	2	1.3	0	0.0	0	0.0

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged One to Two Years with a Confirmed Lead Test

CY 2009 Data (1 to 2 years old)		Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
138	STRATFORD	793	789	99.5	0	0.0	2	0.3	2	0.3	0	0.0	4	0.5	4	0.5	2	0.3
139	SUFFIELD	107	106	99.1	1	0.9	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0
140	THOMASTON	75	73	97.3	1	1.3	1	1.3	0	0.0	0	0.0	2	2.7	1	1.3	0	0.0
141	THOMPSON	88	86	97.7	1	1.1	1	1.1	0	0.0	0	0.0	2	2.3	1	1.1	0	0.0
142	TOLLAND	219	219	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
143	TORRINGTON	604	593	98.2	7	1.2	3	0.5	1	0.2	0	0.0	11	1.8	4	0.7	1	0.2
144	TRUMBULL	528	528	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
145	UNION	8	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
146	VERNON	390	388	99.5	2	0.5	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0	0	0.0
147	VOLUNTOWN	44	44	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
148	WALLINGFORD	659	657	99.7	2	0.3	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	0	0.0
149	WARREN	10	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
150	WASHINGTON	34	33	97.1	0	0.0	0	0.0	1	2.9	0	0.0	1	2.9	1	2.9	1	2.9
151	WATERBURY	2565	2513	98.0	26	1.0	12	0.5	13	0.5	1	0.0	52	2.0	26	1.0	14	0.5
152	WATERFORD	158	158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
153	WATERTOWN	199	199	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
154	WEST HARTFORD	640	635	99.2	4	0.6	1	0.2	0	0.0	0	0.0	5	0.8	1	0.2	0	0.0
155	WEST HAVEN	1026	1014	98.8	6	0.6	1	0.1	5	0.5	0	0.0	12	1.2	6	0.6	5	0.5
156	WESTBROOK	85	85	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
157	WESTON	120	120	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
158	WESTPORT	428	428	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
159	WETHERSFIELD	275	274	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
160	WILLINGTON	53	52	98.1	1	1.9	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	0	0.0
161	WILTON	230	230	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
162	WINCHESTER	172	165	95.9	3	1.7	2	1.2	2	1.2	0	0.0	7	4.1	4	2.3	2	1.2

Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged One to Two Years with a Confirmed Lead Test

CY 2009 Data (1 to 2 years old)		Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL <sup>a</sup>		≥ 15 µg/dL <sup>b</sup>		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
163	WINDHAM	472	465	98.5	6	1.3	0	0.0	1	0.2	0	0.0	7	1.5	1	0.2	1	0.2
164	WINDSOR	316	314	99.4	1	0.3	0	0.0	0	0.0	1	0.3	2	0.6	1	0.3	1	0.3
165	WINDSOR LOCKS	123	123	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
166	WOLCOTT	166	166	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
167	WOODBURGE	98	98	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
168	WOODBURY	122	122	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
169	WOODSTOCK	90	90	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

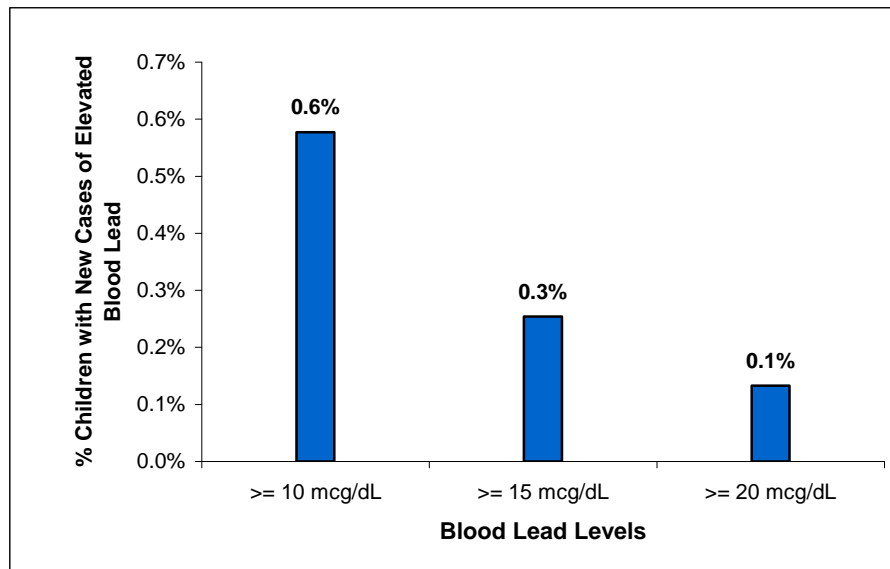
# INCIDENCE OF ELEVATED BLOOD LEAD LEVELS

**Incidence of Elevated Blood Lead Levels** – Incidence of elevated blood lead levels (i.e., new cases of elevated blood lead) is defined as the proportion of children under 6 years of age who had a confirmed lead test of  $\geq 10$   $\mu\text{g}/\text{dL}$  for the first time in 2009 compared to all children under 6 years of age who were screened for lead in 2009 AND had not had a result of  $\geq 10$   $\mu\text{g}/\text{dL}$  prior to 2009.

**Incidence of Environmental Intervention Blood Lead Levels** – Incidence of elevated blood lead levels of  $\geq 20$   $\mu\text{g}/\text{dL}$  (i.e., new cases of blood lead  $\geq 20$   $\mu\text{g}/\text{dL}$ ) is defined as the proportion of children under 6 years of age who had a confirmed lead test of  $\geq 20$   $\mu\text{g}/\text{dL}$  for the first time in 2009 compared to all children under 6 years of age who were screened for lead in 2009 AND who had not had a result of  $\geq 20$   $\mu\text{g}/\text{dL}$  prior to 2009.

Incidence of elevated blood lead levels of  $\geq 15$   $\mu\text{g}/\text{dL}$  (i.e., new cases of blood lead  $\geq 15$   $\mu\text{g}/\text{dL}$ ) is defined as the proportion of children under 6 years of age who had a confirmed lead test of  $\geq 15$   $\mu\text{g}/\text{dL}$  for the first time in 2009 compared to all children under 6 years of age who were tested for lead in 2009 AND who had not had a result of  $\geq 15$   $\mu\text{g}/\text{dL}$  prior to 2009.

## Incidence of elevated blood lead among children under 6 years of age, by blood lead levels – Connecticut CY 2009

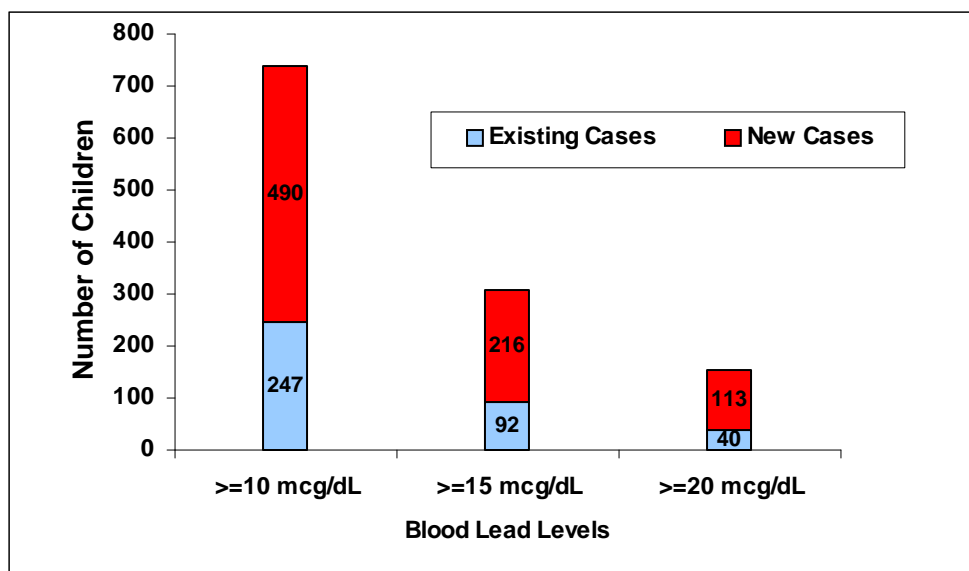


Number of new cases identified and incidence of EBLLs in 2009:

- 490 (0.6%)  $\geq 10$   $\mu\text{g}/\text{dL}$
- 216 (0.3%)  $\geq 15$   $\mu\text{g}/\text{dL}$
- 113 (0.1%)  $\geq 20$   $\mu\text{g}/\text{dL}$



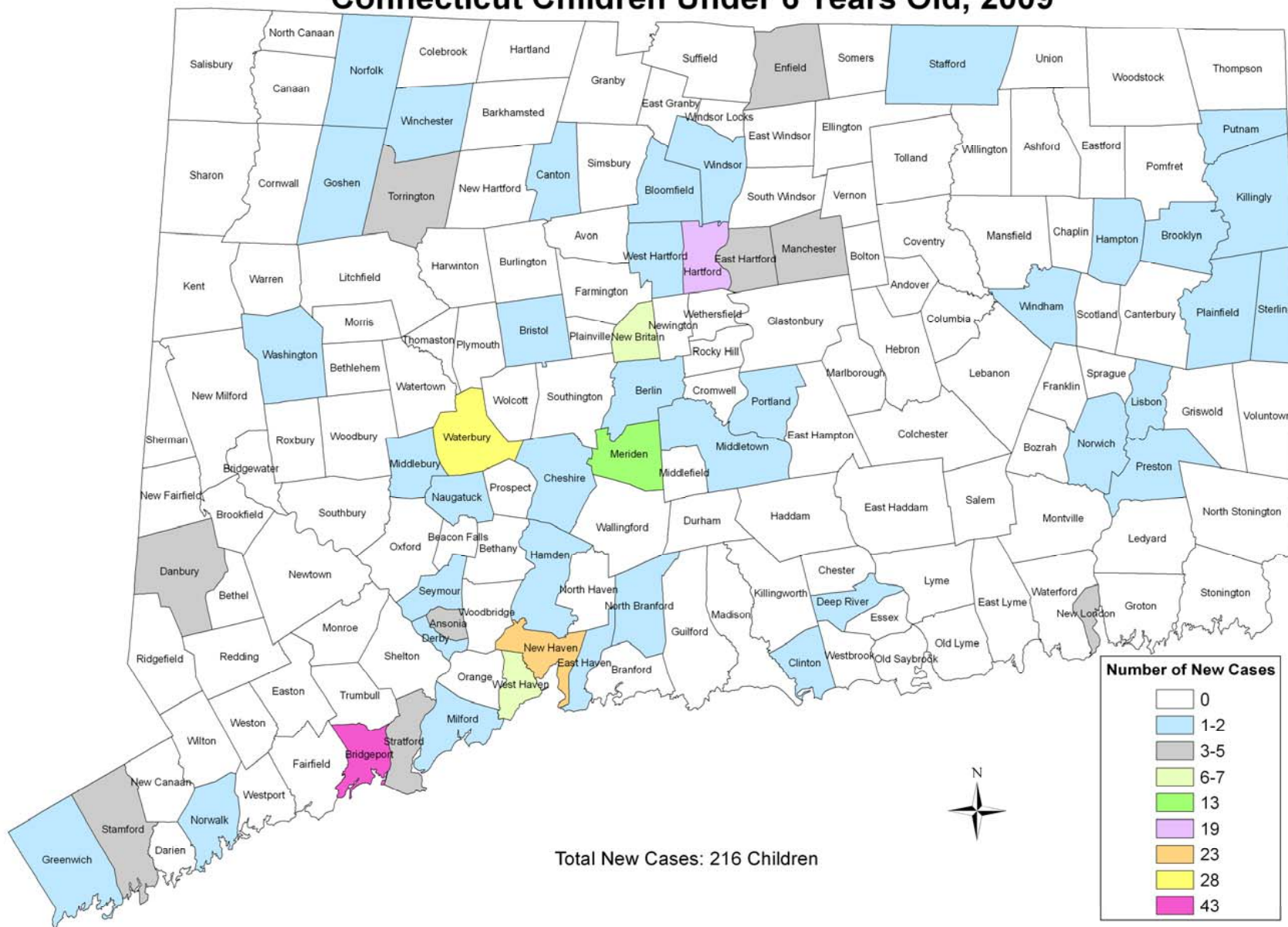
### Number of existing and new cases of elevated blood lead among children under 6 years of age, by blood lead levels – Connecticut CY 2009



Of the 737 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2009, 490 (66.5%) were new cases. Of the 308 children who were found to have blood lead levels  $\geq 15$   $\mu\text{g}/\text{dL}$  in 2009, 216 (70.1%) were new cases. Of the 153 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2009, 113 (73.9%) were new cases.



## Number of New Cases $\geq 15 \mu\text{g/dL}$ by Town Connecticut Children Under 6 Years Old, 2009



**Incidence of elevated blood lead among children under six years of age, by town and by blood lead levels – Connecticut CY 2009**

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age									
CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	<b>Connecticut</b>								
	<b>490</b>	<b>84891</b>	<b>0.6</b>	<b>216</b>	<b>84940</b>	<b>0.3</b>	<b>113</b>	<b>84988</b>	<b>0.1</b>
<b>By-Town</b>									
1ANDOVER	0	55	0.0	0	55	0.0	0	55	0.0
2ANSONIA	5	552	0.9	3	552	0.5	1	552	0.2
3ASHFORD	0	67	0.0	0	67	0.0	0	67	0.0
4AVON	0	205	0.0	0	205	0.0	0	205	0.0
5BARKHAMSTED	0	60	0.0	0	60	0.0	0	60	0.0
6BEACON FALLS	0	118	0.0	0	118	0.0	0	118	0.0
7BERLIN	1	256	0.4	1	256	0.4	1	256	0.4
8BETHANY	0	77	0.0	0	77	0.0	0	77	0.0
9BETHEL	0	373	0.0	0	373	0.0	0	374	0.0
10BETHLEHEM	0	37	0.0	0	37	0.0	0	37	0.0
11BLOOMFIELD	1	331	0.3	1	331	0.3	0	331	0.0
12BOLTON	0	70	0.0	0	70	0.0	0	70	0.0
13BOZRAH	1	35	2.9	0	35	0.0	0	35	0.0
14BRANFORD	0	416	0.0	0	416	0.0	0	416	0.0
15BRIDGEPORT	82	7054	1.2	43	7057	0.6	12	7064	0.2
16BRIDGEWATER	0	12	0.0	0	12	0.0	0	12	0.0
17BRISTOL	5	1071	0.5	2	1071	0.2	1	1071	0.1
18BROOKFIELD	0	252	0.0	0	252	0.0	0	252	0.0
19BROOKLYN	3	192	1.6	1	192	0.5	0	192	0.0
20BURLINGTON	0	150	0.0	0	150	0.0	0	150	0.0
21CANAAN	0	10	0.0	0	10	0.0	0	10	0.0
22CANTERBURY	0	84	0.0	0	84	0.0	0	84	0.0
23CANTON	1	149	0.7	1	149	0.7	1	149	0.7
24CHAPLIN	0	33	0.0	0	33	0.0	0	33	0.0
25CHESHIRE	2	421	0.5	1	421	0.2	1	421	0.2

Numbers and Percents of New Confirmed Blood Lead Levels  
among Children Less Than Six Years of Age

CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	26CHESTER	0	52	0.0	0	52	0.0	0	52
27CLINTON	1	299	0.3	1	299	0.3	1	299	0.3
28COLCHESTER	0	317	0.0	0	317	0.0	0	317	0.0
29COLEBROOK	0	12	0.0	0	12	0.0	0	12	0.0
30COLUMBIA	0	75	0.0	0	75	0.0	0	75	0.0
31CORNWALL	0	15	0.0	0	15	0.0	0	15	0.0
32COVENTRY	0	220	0.0	0	220	0.0	0	220	0.0
33CROMWELL	0	248	0.0	0	248	0.0	0	248	0.0
34DANBURY	11	1946	0.6	4	1946	0.2	3	1949	0.2
35DARIEN	1	472	0.2	0	472	0.0	0	472	0.0
36DEEP RIVER	1	90	1.1	1	90	1.1	0	90	0.0
37DERBY	3	345	0.9	1	345	0.3	0	345	0.0
38DURHAM	0	104	0.0	0	104	0.0	0	104	0.0
39EAST GRANBY	0	103	0.0	0	103	0.0	0	103	0.0
40EAST HADDAM	0	148	0.0	0	148	0.0	0	148	0.0
41EAST HAMPTON	0	257	0.0	0	257	0.0	0	257	0.0
42EAST HARTFORD	5	1493	0.3	3	1493	0.2	1	1493	0.1
43EAST HAVEN	2	584	0.3	1	584	0.2	1	584	0.2
44EAST LYME	0	265	0.0	0	265	0.0	0	265	0.0
45EAST WINDSOR	0	184	0.0	0	184	0.0	0	184	0.0
46EASTFORD	0	24	0.0	0	24	0.0	0	24	0.0
47EASTON	0	87	0.0	0	87	0.0	0	87	0.0
48ELLINGTON	0	279	0.0	0	279	0.0	0	279	0.0
49ENFIELD	3	756	0.4	3	756	0.4	1	756	0.1
50ESSEX	0	113	0.0	0	113	0.0	0	113	0.0
51FAIRFIELD	2	1114	0.2	0	1114	0.0	0	1114	0.0
52FARMINGTON	0	336	0.0	0	336	0.0	0	336	0.0
53FRANKLIN	0	26	0.0	0	26	0.0	0	26	0.0
54GLASTONBURY	0	795	0.0	0	795	0.0	0	795	0.0
55GOSHEN	1	39	2.6	1	39	2.6	1	39	2.6

Numbers and Percents of New Confirmed Blood Lead Levels

among Children Less Than Six Years of Age

CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	56GRANBY	0	147	0.0	0	147	0.0	0	147
57GREENWICH	2	1005	0.2	1	1005	0.1	0	1005	0.0
58GRISWOLD	0	281	0.0	0	281	0.0	0	281	0.0
59GROTON	1	1124	0.1	0	1124	0.0	0	1124	0.0
60GUILFORD	0	248	0.0	0	248	0.0	0	248	0.0
61HADDAM	0	151	0.0	0	151	0.0	0	151	0.0
62HAMDEN	6	1086	0.6	1	1086	0.1	1	1086	0.1
63HAMPTON	0	44	0.0	1	45	2.2	0	45	0.0
64HARTFORD	40	5697	0.7	19	5703	0.3	9	5709	0.2
65HARTLAND	0	22	0.0	0	22	0.0	0	22	0.0
66HARWINTON	0	109	0.0	0	109	0.0	0	109	0.0
67HEBRON	0	170	0.0	0	170	0.0	0	170	0.0
68KENT	0	36	0.0	0	36	0.0	0	36	0.0
69KILLINGLY	3	493	0.6	2	493	0.4	1	494	0.2
70KILLINGWORTH	0	101	0.0	0	101	0.0	0	101	0.0
71LEBANON	0	125	0.0	0	125	0.0	0	125	0.0
72LEDYARD	0	284	0.0	0	284	0.0	0	284	0.0
73LISBON	1	48	2.1	1	48	2.1	1	48	2.1
74LITCHFIELD	0	125	0.0	0	126	0.0	0	126	0.0
75LYME	0	1	0.0	0	1	0.0	0	1	0.0
76MADISON	0	201	0.0	0	201	0.0	0	201	0.0
77MANCHESTER	6	1258	0.5	5	1259	0.4	3	1261	0.2
78MANSFIELD	0	172	0.0	0	172	0.0	0	172	0.0
79MARLBOROUGH	0	115	0.0	0	116	0.0	0	116	0.0
80MERIDEN	16	2114	0.8	13	2119	0.6	8	2119	0.4
81MIDDLEBURY	1	132	0.8	1	132	0.8	1	132	0.8
82MIDDLEFIELD	0	75	0.0	0	75	0.0	0	75	0.0
83MIDDLETOWN	4	1089	0.4	2	1089	0.2	1	1089	0.1
84MILFORD	3	998	0.3	1	999	0.1	1	999	0.1
85MONROE	0	295	0.0	0	295	0.0	0	295	0.0

Numbers and Percents of New Confirmed Blood Lead Levels  
among Children Less Than Six Years of Age

CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	86MONTVILLE	0	325	0.0	0	325	0.0	0	325
87MORRIS	0	29	0.0	0	29	0.0	0	29	0.0
88NAUGATUCK	4	759	0.5	1	759	0.1	1	759	0.1
89NEW BRITAIN	24	3127	0.8	7	3129	0.2	4	3130	0.1
90NEW CANAAN	0	346	0.0	0	346	0.0	0	346	0.0
91NEW FAIRFIELD	0	210	0.0	0	210	0.0	0	210	0.0
92NEW HARTFORD	0	96	0.0	0	96	0.0	0	96	0.0
93NEW HAVEN	73	4676	1.6	23	4686	0.5	17	4695	0.4
94NEW LONDON	6	710	0.8	3	710	0.4	1	710	0.1
95NEW MILFORD	1	515	0.2	0	515	0.0	0	516	0.0
96NEWINGTON	0	369	0.0	0	369	0.0	0	369	0.0
97NEWTOWN	0	288	0.0	0	288	0.0	0	288	0.0
98NORFOLK	1	26	3.8	1	26	3.8	0	26	0.0
NORTH 99BRANFORD	1	225	0.4	1	225	0.4	1	225	0.4
100NORTH CANAAN	0	38	0.0	0	38	0.0	0	38	0.0
101NORTH HAVEN	0	384	0.0	0	384	0.0	0	385	0.0
NORTH 102STONINGTON	0	97	0.0	0	97	0.0	0	97	0.0
103NORWALK	5	3057	0.2	2	3058	0.1	1	3058	0.0
104NORWICH	8	1158	0.7	1	1158	0.1	1	1159	0.1
105OLD LYME	0	142	0.0	0	142	0.0	0	142	0.0
106OLD SAYBROOK	0	139	0.0	0	139	0.0	0	139	0.0
107ORANGE	0	189	0.0	0	189	0.0	0	189	0.0
108OXFORD	1	240	0.4	0	240	0.0	0	240	0.0
109PLAINFIELD	3	441	0.7	1	441	0.2	1	441	0.2
110PLAINVILLE	0	312	0.0	0	312	0.0	0	312	0.0
111PLYMOUTH	0	193	0.0	0	194	0.0	0	194	0.0
112POMFRET	1	88	1.1	0	88	0.0	0	88	0.0
113PORTLAND	1	196	0.5	1	196	0.5	0	196	0.0
114PRESTON	0	60	0.0	1	61	1.6	0	61	0.0

Numbers and Percents of New Confirmed Blood Lead Levels

among Children Less Than Six Years of Age

CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	115	0	169	0.0	0	169	0.0	0	169
116	1	262	0.4	1	262	0.4	0	262	0.0
117	0	137	0.0	0	137	0.0	0	137	0.0
118	0	467	0.0	0	467	0.0	0	467	0.0
119	0	313	0.0	0	313	0.0	0	313	0.0
120	0	19	0.0	0	19	0.0	0	19	0.0
121	0	80	0.0	0	80	0.0	0	80	0.0
122	0	11	0.0	0	11	0.0	0	11	0.0
123	0	7	0.0	0	7	0.0	0	7	0.0
124	1	382	0.3	1	383	0.3	1	383	0.3
125	0	15	0.0	0	15	0.0	0	15	0.0
126	2	673	0.3	0	673	0.0	0	673	0.0
127	1	40	2.5	0	40	0.0	0	40	0.0
128	2	295	0.7	0	295	0.0	0	295	0.0
129	0	127	0.0	0	127	0.0	0	127	0.0
130	0	348	0.0	0	348	0.0	0	348	0.0
131	0	211	0.0	0	211	0.0	0	211	0.0
132	1	656	0.2	0	656	0.0	0	656	0.0
133	1	77	1.3	0	77	0.0	0	77	0.0
134	3	202	1.5	2	202	1.0	1	202	0.5
135	14	3539	0.4	5	3540	0.1	3	3542	0.1
136	1	85	1.2	1	85	1.2	1	85	1.2
137	2	256	0.8	0	256	0.0	0	256	0.0
138	4	1138	0.4	5	1139	0.4	3	1140	0.3
139	1	195	0.5	0	195	0.0	0	195	0.0
140	1	127	0.8	0	128	0.0	0	128	0.0
141	1	171	0.6	0	171	0.0	0	171	0.0
142	0	286	0.0	0	286	0.0	0	286	0.0
143	11	958	1.1	4	961	0.4	2	962	0.2
144	0	606	0.0	0	606	0.0	0	606	0.0

Numbers and Percents of New Confirmed Blood Lead Levels  
among Children Less Than Six Years of Age

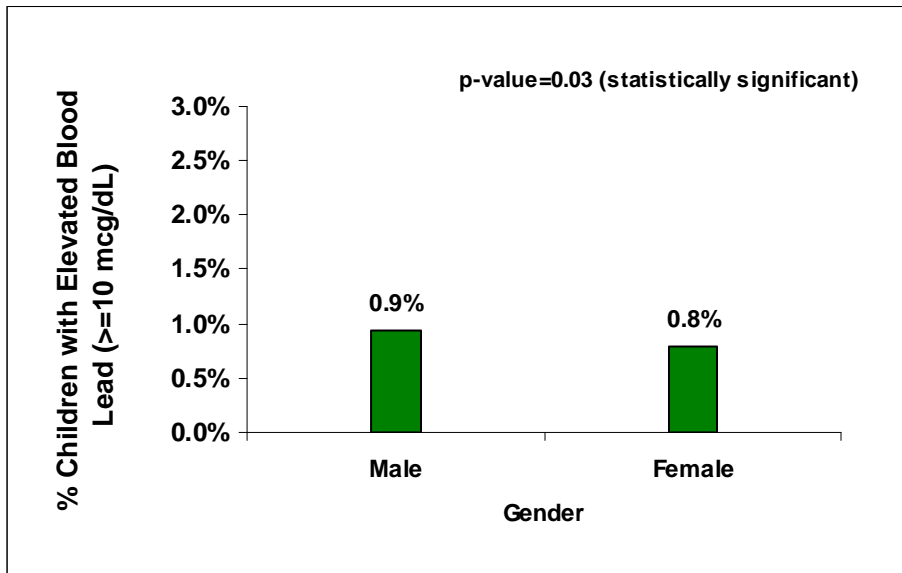
CY 2009 Data	Number of Children with BLL ≥ 10 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 15 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 15 µg/dL	≥ 15 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL For the First Time	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	145UNION	0	9	0.0	0	9	0.0	0	9
146VERNON	2	608	0.3	0	609	0.0	0	609	0.0
147VOLUNTOWN	0	61	0.0	0	61	0.0	0	61	0.0
148WALLINGFORD	2	942	0.2	0	942	0.0	0	942	0.0
149WARREN	0	14	0.0	0	14	0.0	0	14	0.0
150WASHINGTON	1	40	2.5	1	40	2.5	1	40	2.5
151WATERBURY	64	5367	1.2	28	5370	0.5	14	5378	0.3
152WATERFORD	0	255	0.0	0	255	0.0	0	255	0.0
153WATERTOWN	0	353	0.0	0	353	0.0	0	353	0.0
WEST									
154HARTFORD	5	944	0.5	1	944	0.1	0	944	0.0
155WEST HAVEN	14	1444	1.0	6	1446	0.4	5	1448	0.3
156WESTBROOK	0	107	0.0	0	107	0.0	0	107	0.0
157WESTON	0	147	0.0	0	147	0.0	0	147	0.0
158WESTPORT	0	485	0.0	0	485	0.0	0	485	0.0
159WETHERSFIELD	1	477	0.2	0	477	0.0	0	477	0.0
160WILLINGTON	0	73	0.0	0	73	0.0	0	73	0.0
161WILTON	0	353	0.0	0	353	0.0	0	353	0.0
162WINCHESTER	1	273	0.4	1	275	0.4	1	275	0.4
163WINDHAM	8	610	1.3	2	610	0.3	2	611	0.3
164WINDSOR	2	492	0.4	1	492	0.2	1	492	0.2
WINDSOR									
165LOCKS	0	188	0.0	0	188	0.0	0	188	0.0
166WOLCOTT	0	309	0.0	0	309	0.0	0	309	0.0
167WOODBIDGE	0	115	0.0	0	115	0.0	0	115	0.0
168WOODBURY	0	154	0.0	0	154	0.0	0	154	0.0
169WOODSTOCK	0	160	0.0	0	160	0.0	0	160	0.0



# DEMOGRAPHIC CHARACTERISTICS ASSOCIATED WITH ELEVATED BLOOD LEAD LEVELS

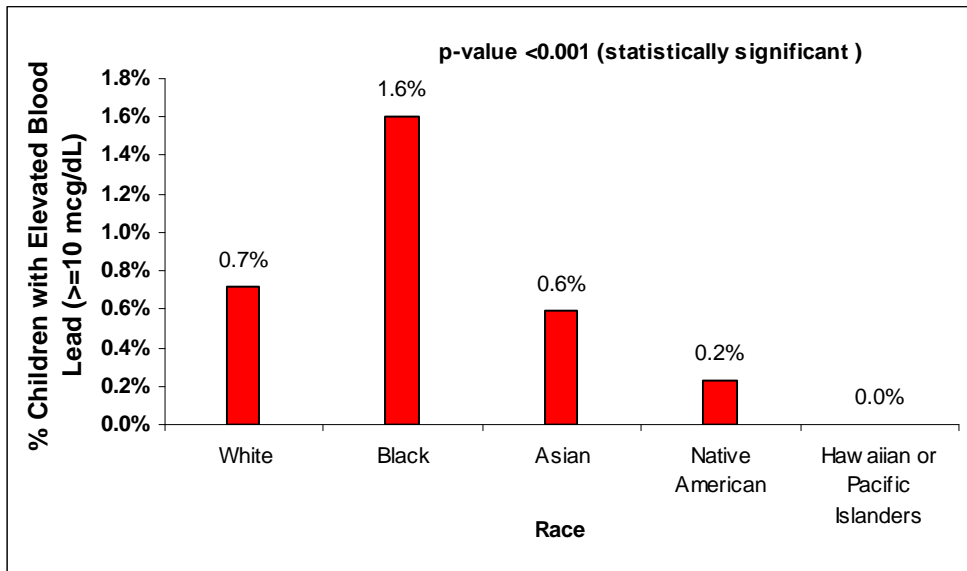
Children who were tested with a blood lead level of  $\geq 10 \mu\text{g/dL}$  are considered to have elevated blood lead. The following figures portray the association between certain demographic characteristics (e.g., gender, race, and ethnicity) and elevated blood lead levels.

**Percentage of children under 6 years of age with elevated blood lead, by gender – Connecticut CY 2009**



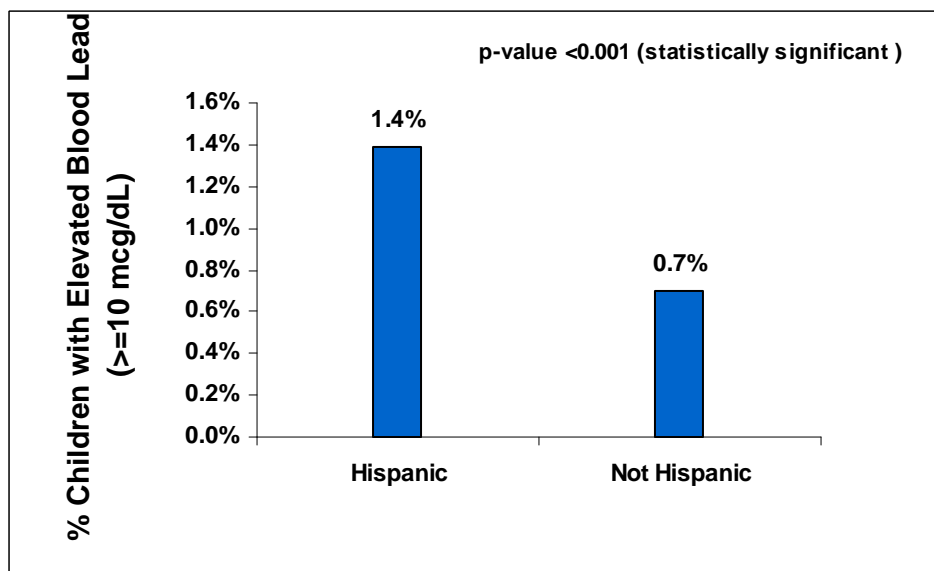
Among children under 6 years of age who had a confirmed blood lead screening in 2009, males (0.9%) were more likely to have elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  than females (0.8%).

**Percentage of children under 6 years of age with elevated blood lead, by race – Connecticut CY 2009**



Among children under 6 years of age who had a confirmed blood lead test in 2009, Blacks (1.6%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g/dL}$  than Whites (0.7%), Native American (0.2%), or Asians (0.6%).

**Percentage of children under 6 years of age with elevated blood lead, by ethnicity – Connecticut CY 2009**



Among children under 6 years of age who had a confirmed blood lead test in 2009, Hispanics (1.4%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g/dL}$  than Non-Hispanics (0.7%).

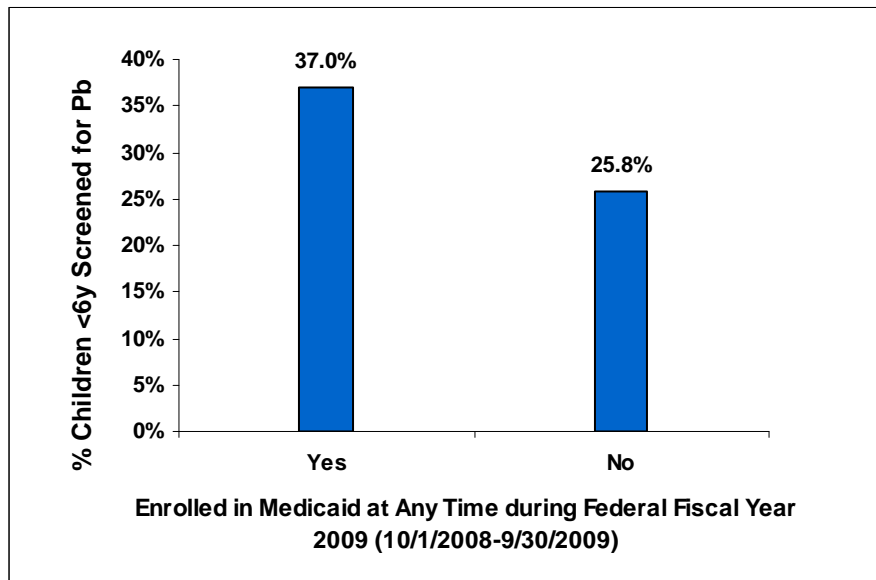
# MEDICAID VS. NON-MEDICAID

The Connecticut Department of Public Health and the Connecticut Department of Social Services (DSS) have had a Memorandum of Agreement regarding data exchange since 2003. Part of the data exchange is the mutual sharing of childhood lead screening data from the LPPCP and Medicaid HUSKY A enrollment data from DSS. At least once a year, DSS provides the LPPCP with a list of children aged 6 years or less who are enrolled in Medicaid HUSKY A at some point in time during a federal fiscal year (FFY) period. In turn the LPPCP provides DSS with a list identifying the children on the DSS Medicaid enrolled list who have received a lead screening and those who have elevated blood lead levels.

DSS has provided the LPPCP with Medicaid HUSKY A enrollment data for FFYs 2002 through 2009. In the FFY 2009 Medicaid enrollment data, 112,244 children under 6 years of age were enrolled in Medicaid HUSKY A at some point in time during FFY2009 (10/1/2008 to 9/30/2009). According to 2000 U.S. Census data, there were 270,187 children under 6 years of age in Connecticut. Utilizing this data, it was estimated that approximately, 157,943 children were not enrolled in Medicaid HUSKY A at any time during federal fiscal year 2009. The following figures portray the association between Medicaid enrollment and lead screening and elevated blood lead levels.

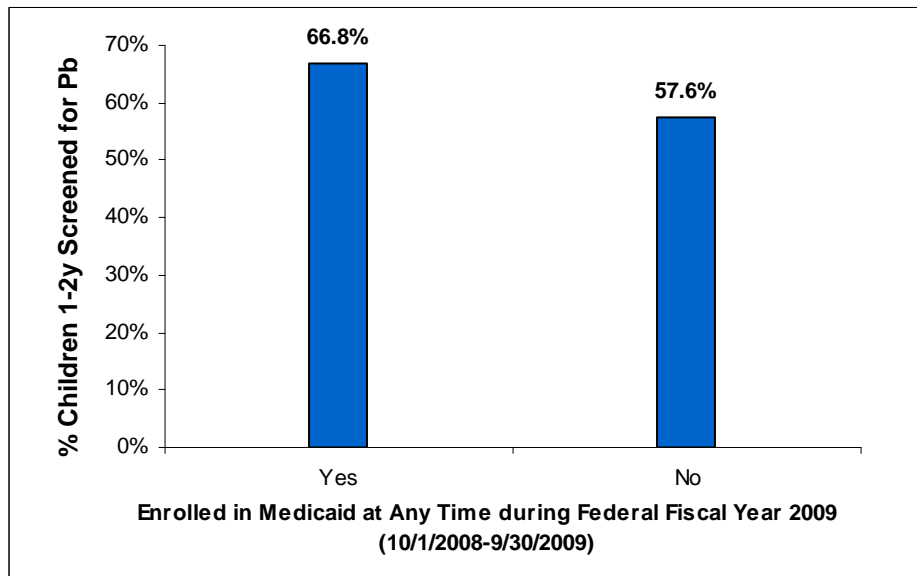
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## Percentage of children under 6 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2009



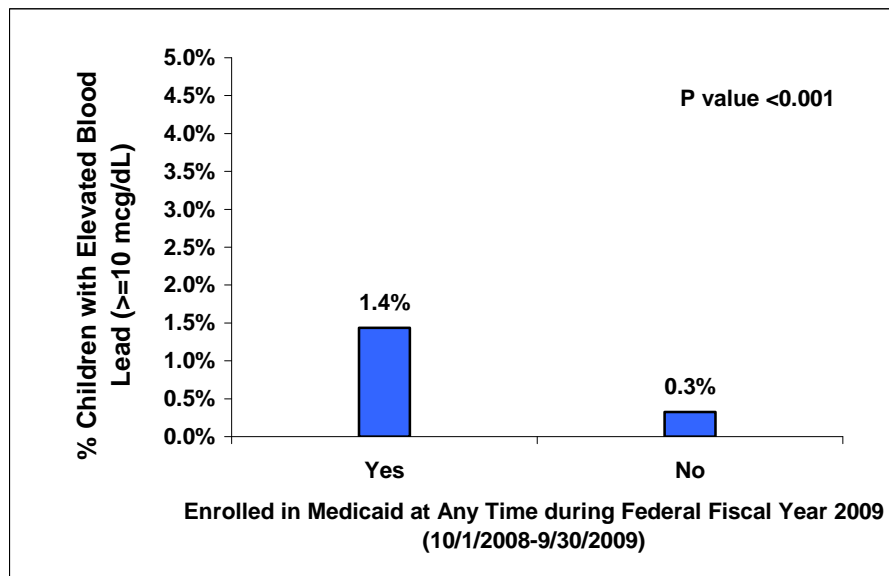
In CY 2009, 37.0% of children under 6 years of age who were enrolled in Medicaid at any time during FFY 2009 (10/1/2008 to 9/30/2009) had a lead screening, while 25.8% of children under 6 years of age who were not enrolled in Medicaid at any time during FFY 2009 had a lead screening.

**Percentage of children 1-2 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2009**



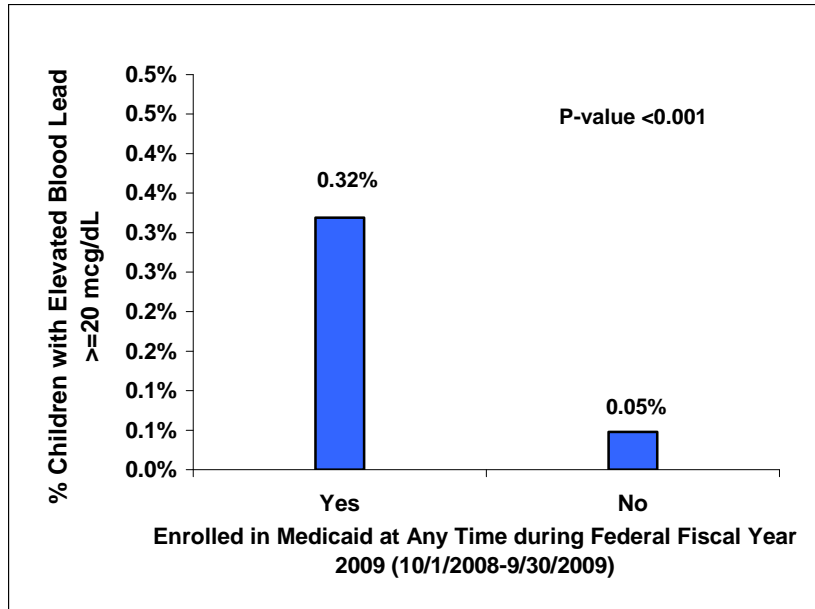
In CY 2009, 66.8% of children 1-2 years of age who were enrolled in Medicaid at any time during FFY 2009 (10/1/2008 to 9/30/2009) had a lead screening, while 57.6% of children 1-2 years of age who were not enrolled in Medicaid at any time during FFY 2009 had a lead screening.

**Percentage of children under 6 years of age with elevated blood lead ( $\geq 10 \mu\text{g/dL}$ ), by Medicaid enrollment – Connecticut CY 2009**



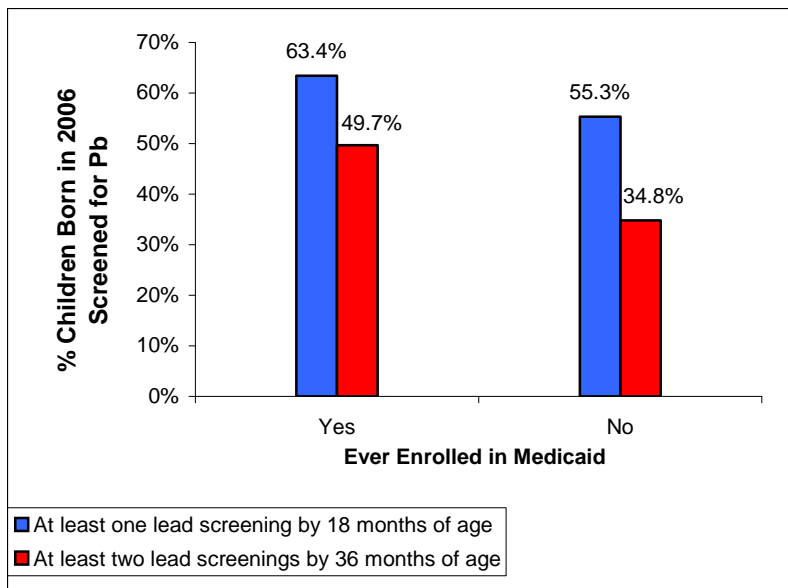
Among children under 6 years of age who had a confirmed blood lead test in CY 2009, those who were enrolled in Medicaid (1.4%) at any time during FFY 2009 (10/1/2008 to 9/30/2009) were more likely to have elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  than those who were not enrolled in Medicaid (0.3%) at any time during FFY2009.

**Percentage of children under 6 years of age with elevated blood lead of  $\geq 20 \mu\text{g/dL}$ , by Medicaid enrollment – Connecticut CY 2009**



Among children under 6 years of age who had a confirmed blood lead test in CY 2009, those who were enrolled in Medicaid (0.32%) at any during FFY 2009 (10/1/2008 to 9/30/2009) were more likely to have significant elevated blood lead levels of  $\geq 20 \mu\text{g/dL}$  than those who were not enrolled in Medicaid (0.05%) at any time during FFY 2009.

**Percentage of children born in year 2006 who have had at least one/two screening(s) by 18/36 months of age, by Medicaid enrollment**



For children born in 2006, those who were enrolled in Medicaid at any time during their lives compared to those who were never enrolled in Medicaid were more likely to have had at least one lead screening by 18 months of age (63.4% vs. 55.3%) and two lead screenings by 36 months (49.7% vs. 34.8%).

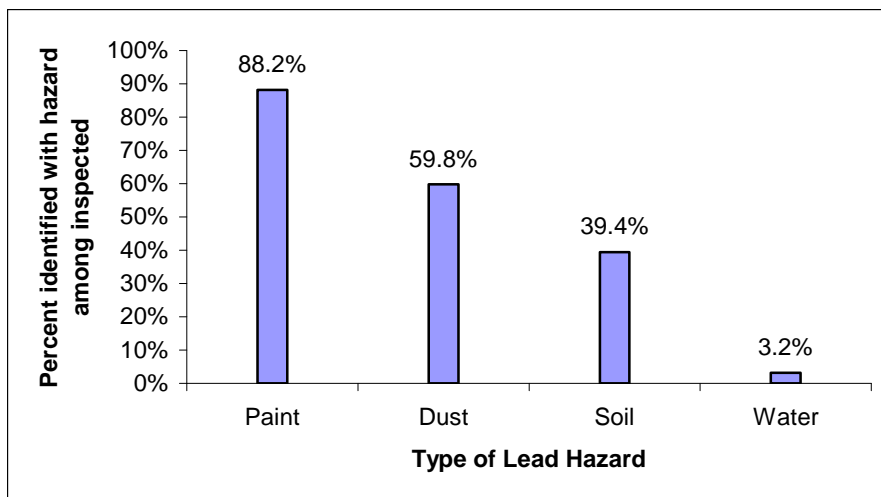
# ENVIRONMENTAL INVESTIGATIONS FOR EBLL CHILDREN

Per Connecticut General Statutes, local health departments are required to conduct an epidemiological investigation and a lead hazard inspection of the dwelling unit for a child newly identified with a venous blood lead level  $\geq 20\mu\text{g/dL}$  or two venous blood lead levels  $\geq 15\mu\text{g/dL}$  at least 90 days apart.

Some local health departments opt to respond at even lower levels of lead poisoning. Those environmental data elements are included in this report. In addition, when an EBLL child moves to a new dwelling unit, the new dwelling unit is required to be inspected for lead hazards as well. If a child resides in more than one dwelling units, multiple investigations are conducted for all the dwelling units where the EBLL child resides. In 2009, 136 environmental cases were opened for children who had a confirmed elevated blood lead.

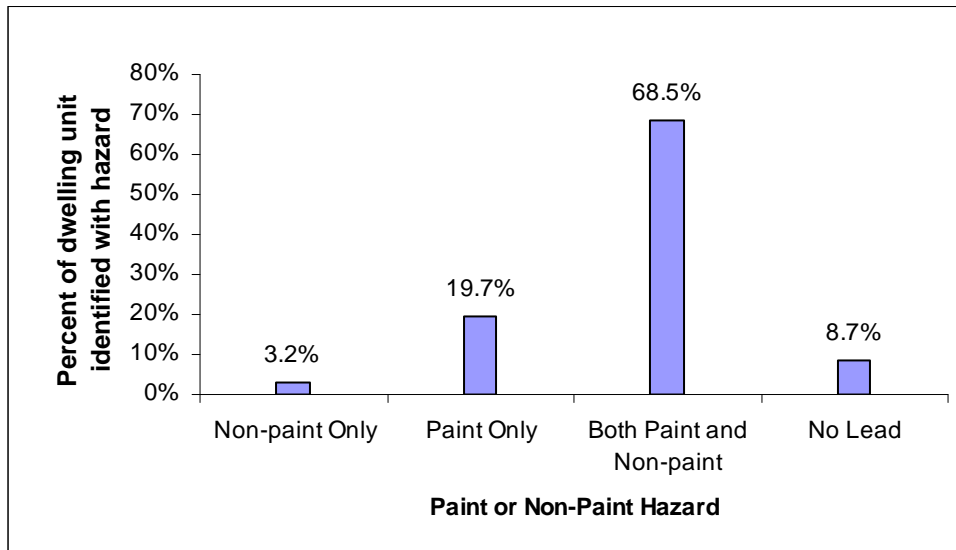
Among the 136 environmental cases opened in 2009, 131 (96.3%) housing dwellings were inspected for lead hazard. Of the 131 housing dwelling units that were inspected, 127 complete inspection reports which include XRF paint analysis results and soil, dust, and drinking water sample results were received by the LPPCP. The analyses of the environmental findings below are based on the environmental investigation reports for those 127 dwelling units for which environmental investigations were conducted for children with EBLs and where copies of complete inspection reports were provided to the CT Department of Public Health. Of the 127 dwelling units, 116 (91.3%) were identified with an environmental lead hazard; 11 (8.7%) were identified without any environmental lead hazard in the dwelling unit. Findings of the investigations are portrayed as follows:

## Percentage of environmental lead hazard identified by source- Connecticut CY 2009



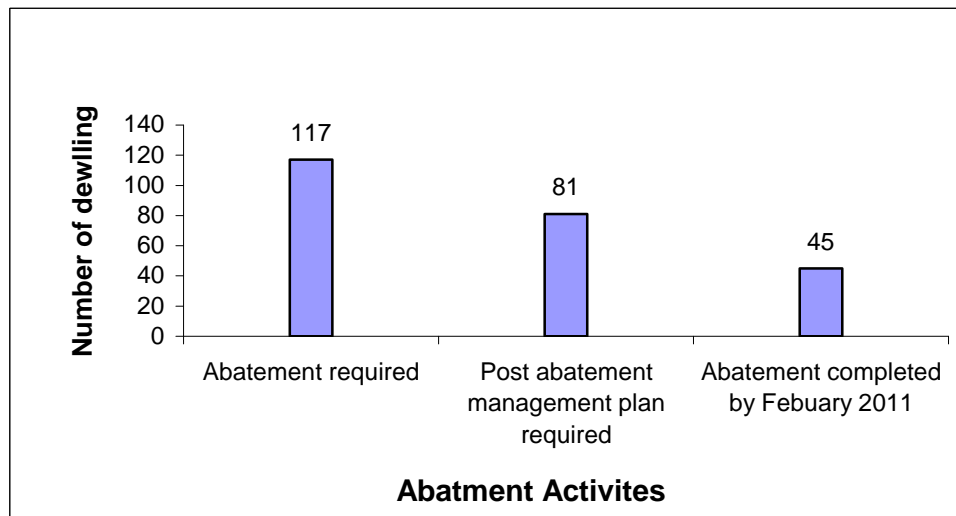
Of the 127 dwelling units investigated and reported with complete inspection results, a total of 112 (88.2%) units were identified with a paint hazard, 76 (59.8%) units were identified with a dust lead hazard, 50 (39.4%) units were identified with a soil hazard, and 4 (3.2%) with a drinking water hazard.

**Percentage of environmental lead hazard related to paint or non-paint - Connecticut CY 2009**



Of the 127 dwelling units for which investigations were completed, 25 (19.7%) dwelling units were identified with paint hazards only, 87 (68.5%) of dwelling units were identified with both paint and non-paint hazards, 4 (3.2%) were identified with non-paint hazards only, and 11 (8.7%) had no environmental lead hazard.

**Reported abatement and management activities**



Of the 127 dwelling units inspected and with complete inspection results submitted to the LPPCP, 117 (92.1%) dwelling units were identified as requiring abatement of lead hazards, and 81 (63.8%) dwelling units as requiring a post abatement management plan. Among the dwelling units for which abatement of lead hazards was required, the abatement was completed in 45 (35.4%) dwelling units by February 2011.



The children in the photos in this report are **not** lead poisoned. The goal of the Department of Public Health is for **all** children to be safe from lead poisoning.

