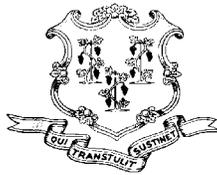


**Connecticut Department of Public Health**

# **Childhood Lead Poisoning in Connecticut**

## **CY 2007 Surveillance Report**





# Childhood Lead Poisoning in Connecticut *CY 2007 Surveillance Report*

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Connecticut Department of Public Health

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CY 2007 Surveillance Report* contact:  
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# TABLE OF CONTENTS

KEY FINDINGS.....	1
UNDERSTANDING THE LEAD DATA .....	2
LEAD SCREENING .....	4
COMPLIANCE WITH LEAD SCREENING GUIDELINES .....	14
PREVALENCE OF ELEVATED BLOOD LEAD LEVELS .....	21
INCIDENCE OF ELEVATED BLOOD LEAD LEVELS .....	39
DEMOGRAPHIC CHARACTERISTICS ASSOCIATED WITH ELEVATED BLOOD LEAD LEVELS.....	47
MEDICAID VS. NON-MEDICAID .....	49
ENVIRONMENTAL INVESTIGATIONS FOR EBLL CHILDREN .....	52

## KEY FINDINGS

- **Statewide Screening:** In CY 2007, 72,088 (26.7%) CT children from birth to six years of age and 45,037 (51.1%) 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 2007, 1,020 (1.4%), 445 (0.6%), and 208 (0.3%) 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 1,020 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2007, 689 were new cases. Of the 208 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2007, 150 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 2007, Blacks (2.7%) or Native Americans (3.4%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Whites (1.2%) or Asians (1.4%); Hispanics (2.2%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Non-Hispanics (1.2%). Males (1.6%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than females (1.3%).
- **Screening among Children Enrolled in Medicaid during FFY 2007:** In CY 2007, 56.2% of children one and two years of age who were enrolled in Medicaid at any time during federal fiscal year 2007 (10/1/2006 to 9/30/2007) had a lead screening. Only 48.2% of children one and two years of age who were not enrolled in Medicaid at any time during federal fiscal year 2007 had a lead screening.
- **Screening Compliance by Medicaid Status:** For children born in 2004, those who were ever enrolled in Medicaid, when 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 (62.4% vs. 51.2%) and two lead screenings by 36 months (44.6% vs. 30.0%).
- **Elevated Blood Lead Level by Medicaid Status:** Among children under 6 years of age who had a confirmed blood lead test in 2007, 2.5% of those who were enrolled in Medicaid at any time during federal fiscal year 2007 (10/1/2006 to 9/30/2007) had elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  while only 0.6% of those who were not enrolled in Medicaid had elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$ .
- **Environmental Lead Hazard Investigations:** Among the 108 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, 71.3% were identified with environmental lead hazards. Of the 108 dwelling units, 70.4% were identified with paint hazards, 41.7% were identified with dust hazards, 26.9% units were identified with soil hazards, and 0.9% 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 ten micrograms per deciliter of lead in blood) to the CT DPH and the local health department serving the town where the person (child) resides within forty-eight hours of receipt of the test result. At least monthly, laboratories are required to submit to 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. At the end of 2004, the CT DPH Lead Poisoning Prevention and Control Program (LPPCP) upgraded the 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.

The aggregate data presented in this Calendar Year (CY) 2007 Surveillance Report are based on analyses of surveillance data from the new surveillance system. 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 2007 Surveillance Reports were based on the number of individual children, whereas Surveillance Reports prior to 2004 were based on the number of valid or confirmed blood tests. In addition, additional criteria have been added to the definition of confirmed blood tests.

The LPPCP Data Management Unit has reanalyzed the screening and prevalence data for CY 2002 and CY 2003 using the revised methods. The revised 2002 and 2003 data are included in this current report. Therefore, the 2002 and 2003 data outlined in this current report are slightly different from the data that were published by the LPPCP in Surveillance Reports prior to 2004 (most commonly known as Screening Data by Town).

## *Important Business Rules:*

Children who had a blood sample collected for a lead screening in 2007 are included in this report regardless of whether the test was analyzed in 2007.

When a child had more than one lead screening in CY 2007, 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 2007, the statistics regarding the child were applied to the town where the child lived when tested with the highest confirmed lead result.

Remark:

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.

Connecticut recommends that every child should have a blood lead screen performed at age 12 months and again at age 24 months. Any child between 25-72 months of age, who has not previously been screened, should also have a blood lead screen performed immediately, regardless of risk. In CY 2007, 72,088 children from birth to 6 years of age were tested for lead poisoning. Of these children, 45,037 were 1 to 2 years old when screened.

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 2007, among the children under 6 years of age who had a lead screening, 31,611 (43.9%) were enrolled in Medicaid at some time during federal fiscal year 2007.

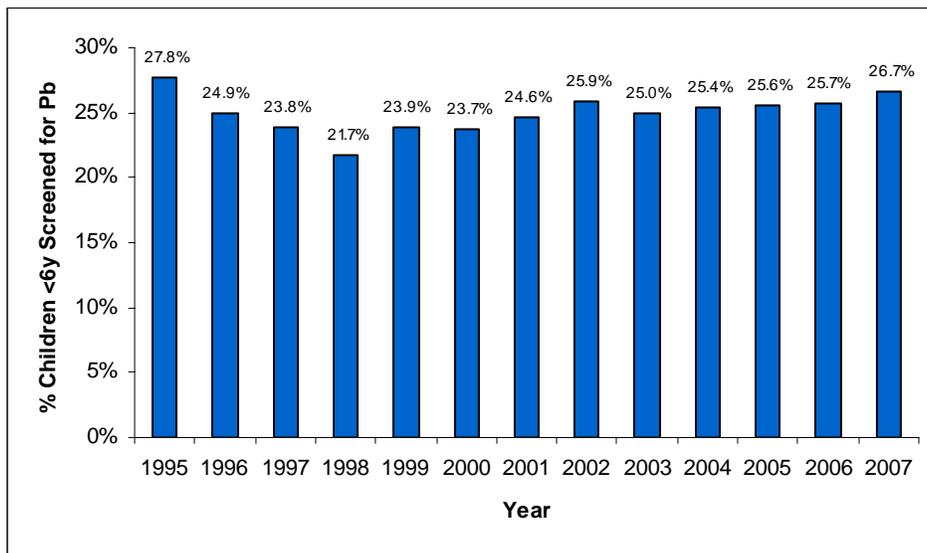
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## Demographics of children under 6 years of age who had a lead screening – Connecticut CY 2007 (N=72,088)

Demographics	Number	Percent
<b>Age Group</b>		
<12mo	7,100	9.8%
12-23 mo	24,659	34.2%
24-35 mo	20,378	28.3%
36-47 mo	8,117	11.2%
48-59 mo	7,167	10.0%
60-71 mo	4,667	6.5%
<b>Gender</b>		
Male	36,629	50.8%
Female	34,699	48.1%
Unknown	760	1.1%
<b>Race</b>		
White	47,787	66.3%
Black	10,672	14.8%
Asian	2,837	3.9%
Native American	383	0.5%
Hawaiian or Pacific Islander	7	<0.1%
Unknown	10,402	14.4%
<b>Ethnicity</b>		
Hispanic	17,747	24.6%
Non-Hispanic	46,378	64.3%
Unknown	7,963	11.1%

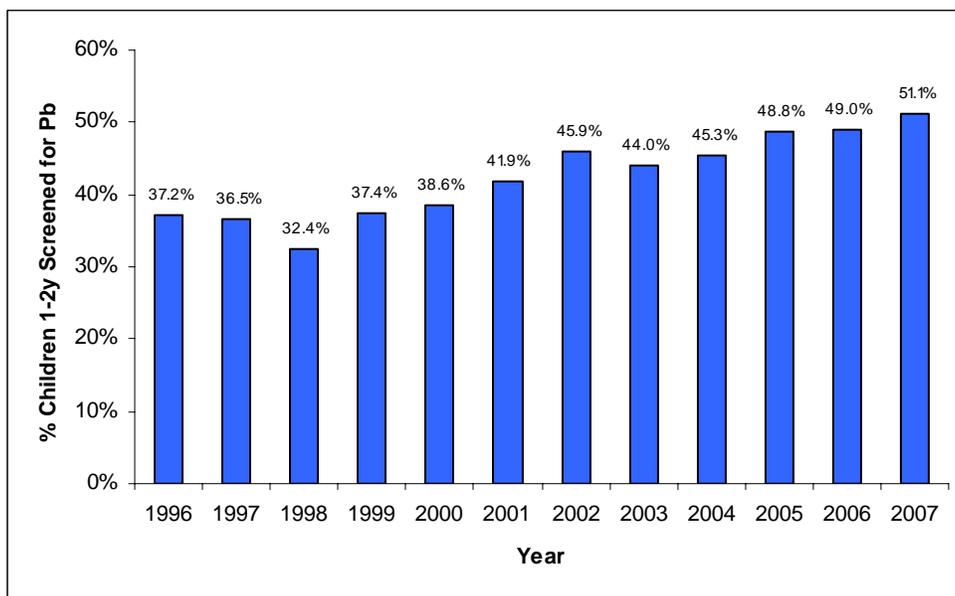
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**Percent of children under 6 years of age who had a lead screening, by calendar year – Connecticut 1995-2007**



In CY 2007, 72,088 (26.7%) children from birth to six years of age had at least one lead screening. Over the last seven years (CY 2001\* through CY 2007), the percentages of children under 6 years of age who have been screened have been approximately 25% or 26%. There was a 1% increase in screening in 2007 as compared to 2006, which resulted in 2,773 more children screened.

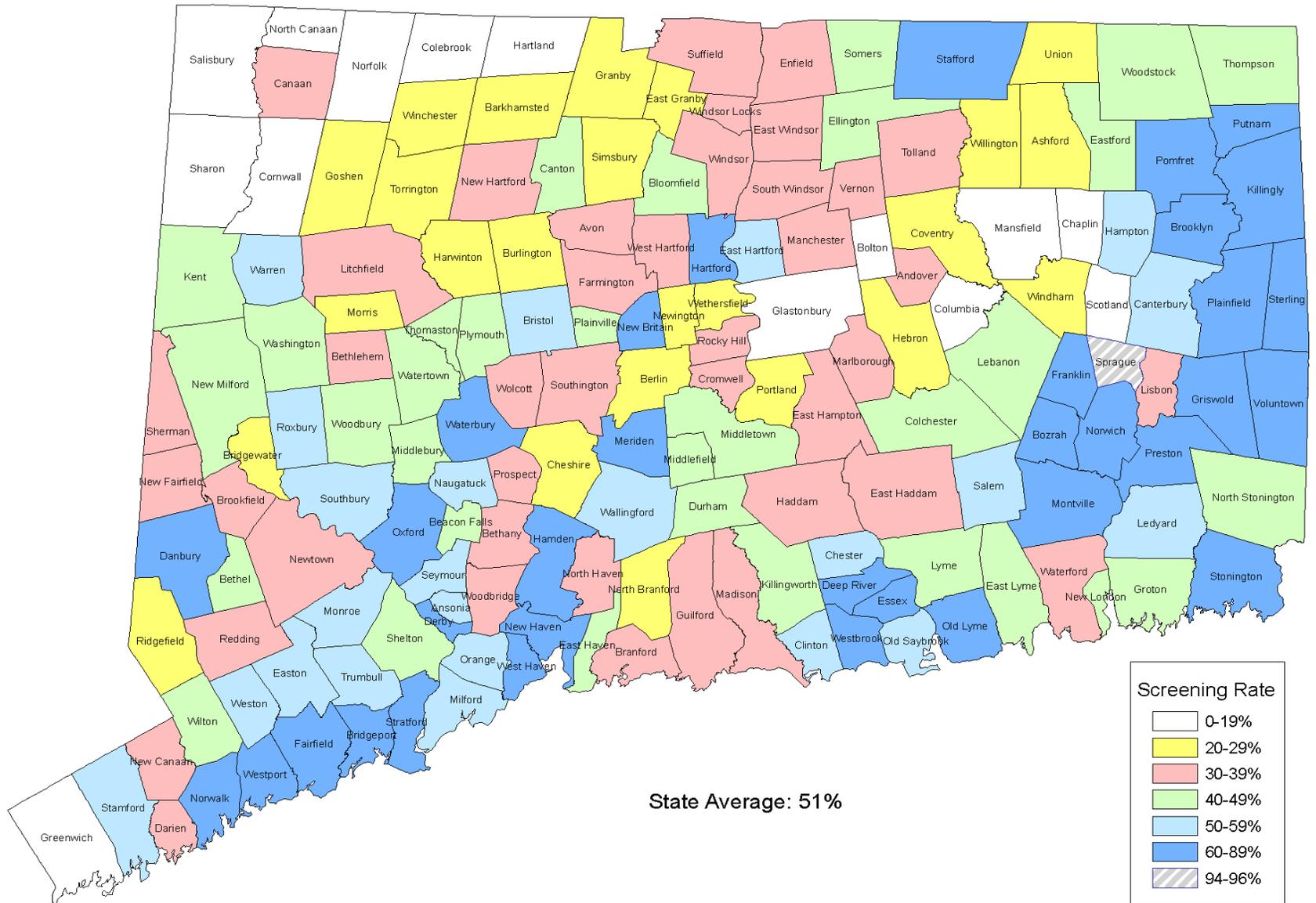
**Percent of children 1-2 years of age who had a lead screening, by calendar year – Connecticut 1996-2007**



In CY 2007, 45,037 (51.1%) children from one to two years of age had at least one lead screening. There was a 2.1% increase in screening in 2007 as compared to 2006, which resulted in 1844 more children screened. A trend of increased screening rates has been observed from 2003 through 2007.

\* 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.

## 2007 Connecticut By Town Blood Lead Screening Rate Children 1 and 2 years old



**Percent of children under 6 years of age who had a lead screening, by town and by age at test – Connecticut CY 2007**

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
<b>Connecticut</b>													
CY 2002		270187	69857	25.9	88094	40452	45.9	7779	22853	17599	8998	7991	4637
CY 2003		270187	67592	25.0	88094	38742	44.0	7939	21791	16951	8516	7942	4453
CY 2004		270187	68606	25.4	88094	39894	45.3	8170	22474	17420	8320	7706	4516
CY 2005		270187	69263	25.6	88094	42954	48.8	7018	23728	19226	7829	7146	4316
CY 2006		270187	69315	25.7	88094	43193	49.0	6828	23739	19454	7851	7121	4322
CY 2007		270187	<b>72088</b>	<b>26.7</b>	<b>88094</b>	<b>45037</b>	<b>51.1</b>	<b>7100</b>	<b>24659</b>	<b>20378</b>	<b>8117</b>	<b>7167</b>	<b>4667</b>
<b>By-Town</b>													
1	ANDOVER	280	37	13.2	92	30	32.6	4	14	16	2	1	0
2	ANSONIA	1529	521	34.1	507	303	59.8	77	136	167	71	49	21
3	ASHFORD	306	53	17.3	102	30	29.4	11	14	16	2	7	3
4	AVON	1269	168	13.2	405	140	34.6	10	80	60	7	7	4
5	BARKHAMSTED	237	27	11.4	76	18	23.7	6	11	7	0	1	2
6	BEACON FALLS	408	121	29.7	132	60	45.5	34	27	33	11	6	10
7	BERLIN	1284	206	16.0	407	84	20.6	51	35	49	10	25	36
8	BETHANY	399	60	15.0	117	43	36.8	2	23	20	3	5	7
9	BETHEL	1505	313	20.8	471	221	46.9	68	108	113	9	7	8
10	BETHLEHEM	220	27	12.3	60	23	38.3	1	18	5	0	1	2
11	BLOOMFIELD	1206	293	24.3	405	173	42.7	47	102	71	31	25	17
12	BOLTON	380	30	7.9	113	19	16.8	5	16	3	4	2	0
13	BOZRAH	157	37	23.6	49	31	63.3	2	17	14	1	2	1
14	BRANFORD	1846	243	13.2	592	201	34.0	10	136	65	14	14	4
15	BRIDGEPORT	13635	6180	45.3	4464	3215	72.0	252	1832	1383	923	1030	760
16	BRIDGEWATER	96	8	8.3	30	7	23.3	1	5	2	0	0	0
17	BRISTOL	4497	1103	24.5	1569	834	53.2	79	509	325	95	57	38
18	BROOKFIELD	1268	214	16.9	384	150	39.1	51	71	79	7	3	3
19	BROOKLYN	471	165	35.0	143	105	73.4	3	56	49	11	44	2
20	BURLINGTON	752	92	12.2	240	69	28.8	7	37	32	4	8	4

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
21	CANAAN	73	12	16.4	20	7	35.0	0	6	1	2	3	0
22	CANTERBURY	307	85	27.7	108	54	50.0	4	22	32	4	19	4
23	CANTON	698	117	16.8	199	96	48.2	7	68	28	8	4	2
24	CHAPLIN	187	8	4.3	52	6	11.5	1	6	0	0	0	1
25	CHESHIRE	2010	344	17.1	676	200	29.6	10	118	82	74	26	34
26	CHESTER	284	63	22.2	99	52	52.5	3	22	30	2	3	3
27	CLINTON	1041	207	19.9	352	195	55.4	2	104	91	3	4	3
28	COLCHESTER	1515	260	17.2	493	207	42.0	24	103	104	10	11	8
29	COLEBROOK	115	3	2.6	34	2	5.9	0	2	0	1	0	0
30	COLUMBIA	393	42	10.7	125	23	18.4	10	12	11	2	5	2
31	CORNWALL	86	6	7.0	28	3	10.7	1	3	0	1	1	0
32	COVENTRY	983	118	12.0	288	80	27.8	20	48	32	10	5	3
33	CROMWELL	833	157	18.8	282	91	32.3	50	43	48	6	5	5
34	DANBURY	5846	1669	28.5	1923	1176	61.2	305	583	593	79	72	37
35	DARIEN	2442	406	16.6	810	258	31.9	119	79	179	12	11	6
36	DEEP RIVER	318	97	30.5	102	85	83.3	4	50	35	5	2	1
37	DERBY	927	337	36.4	320	204	63.8	63	97	107	28	31	11
38	DURHAM	556	86	15.5	157	66	42.0	4	36	30	9	7	0
39	EAST GRANBY	396	42	10.6	135	28	20.7	5	19	9	3	3	3
40	EAST HADDAM	696	104	14.9	231	72	31.2	24	37	35	2	3	3
41	EAST HAMPTON	853	147	17.2	289	95	32.9	39	42	53	7	2	4
42	EAST HARTFORD	3885	1161	29.9	1302	718	55.1	80	422	296	183	124	56
43	EAST HAVEN	1930	404	20.9	647	313	48.4	15	201	112	27	30	19
44	EAST LYME	1086	232	21.4	346	156	45.1	14	84	72	18	18	26
45	EAST WINDSOR	645	149	23.1	230	74	32.2	16	40	34	39	9	11
46	EASTFORD	123	27	22.0	38	16	42.1	1	9	7	2	8	0
47	EASTON	694	139	20.0	219	114	52.1	10	46	68	6	3	6
48	ELLINGTON	1007	211	21.0	319	144	45.1	33	71	73	17	5	12
49	ENFIELD	3083	709	23.0	1008	397	39.4	55	226	171	139	79	39

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
50	ESSEX	511	104	20.4	154	96	62.3	0	53	43	5	3	0
51	FAIRFIELD	4910	1239	25.2	1698	1019	60.0	101	512	507	64	31	24
52	FARMINGTON	1667	244	14.6	502	177	35.3	21	99	78	19	18	9
53	FRANKLIN	130	29	22.3	34	26	76.5	1	14	12	0	1	1
54	GLASTONBURY	2766	291	10.5	876	167	19.1	32	114	53	22	25	45
55	GOSHEN	173	18	10.4	48	14	29.2	1	6	8	2	1	0
56	GRANBY	872	133	15.3	280	83	29.6	14	56	27	11	15	10
57	GREENWICH	5221	391	7.5	1679	276	16.4	60	191	85	27	16	12
58	GRISWOLD	782	224	28.6	232	161	69.4	26	81	80	12	16	9
59	GROTON	3836	804	21.0	1275	562	44.1	72	339	223	59	73	38
60	GUILFORD	1571	192	12.2	502	164	32.7	5	106	58	9	8	6
61	HADDAM	515	107	20.8	171	65	38.0	32	26	39	5	3	2
62	HAMDEN	3675	1026	27.9	1235	791	64.0	44	495	296	69	75	47
63	HAMPTON	130	27	20.8	35	19	54.3	4	10	9	2	1	1
64	HARTFORD	12134	5594	46.1	4033	3066	76.0	310	1818	1248	1128	695	395
65	HARTLAND	134	10	7.5	41	5	12.2	2	2	3	2	1	0
66	HARWINTON	366	42	11.5	118	32	27.1	2	25	7	3	2	3
67	HEBRON	928	96	10.3	298	63	21.1	21	29	34	4	3	5
68	KENT	215	34	15.8	75	33	44.0	0	20	13	1	0	0
69	KILLINGLY	1231	514	41.8	402	318	79.1	21	189	129	33	113	29
70	KILLINGWORTH	549	90	16.4	204	85	41.7	3	41	44	2	0	0
71	LEBANON	554	88	15.9	166	76	45.8	6	36	40	4	1	1
72	LEDYARD	1125	250	22.2	370	218	58.9	12	122	96	6	6	8
73	LISBON	307	62	20.2	109	43	39.4	9	13	30	2	4	4
74	LITCHFIELD	521	66	12.7	153	48	31.4	5	38	10	7	6	0
75	LYME	120	15	12.5	30	13	43.3	0	10	3	0	2	0
76	MADISON	1504	177	11.8	454	163	35.9	2	85	78	7	4	1
77	MANCHESTER	4129	771	18.7	1357	480	35.4	78	266	214	97	78	38
78	MANSFIELD	740	81	10.9	226	44	19.5	21	31	13	7	5	4

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
79	MARLBOROUGH	484	58	12.0	143	44	30.8	9	28	16	3	0	2
80	MERIDEN	4979	2026	40.7	1685	1198	71.1	72	681	517	371	232	153
81	MIDDLEBURY	434	107	24.7	141	68	48.2	4	47	21	9	19	7
82	MIDDLEFIELD	294	59	20.1	87	38	43.7	17	19	19	1	2	1
83	MIDDLETOWN	3330	786	23.6	1123	453	40.3	194	182	271	64	47	28
84	MILFORD	3749	792	21.1	1203	657	54.6	58	383	274	44	24	9
85	MONROE	1772	322	18.2	545	279	51.2	9	138	141	14	12	8
86	MONTVILLE	1267	301	23.8	395	237	60.0	20	108	129	12	21	11
87	MORRIS	157	15	9.6	49	11	22.4	1	5	6	0	2	1
88	NAUGATUCK	2593	649	25.0	839	431	51.4	44	277	154	72	68	34
89	NEW BRITAIN	5685	3044	53.5	1921	1189	61.9	459	582	607	421	430	545
90	NEW CANAAN	1934	350	18.1	557	216	38.8	112	73	143	13	6	3
91	NEW FAIRFIELD	1347	209	15.5	448	139	31.0	53	53	86	11	4	2
92	NEW HARTFORD	496	68	13.7	164	57	34.8	3	26	31	2	3	3
93	NEW HAVEN	10431	4338	41.6	3536	2744	77.6	156	1654	1090	578	550	310
94	NEW LONDON	1873	670	32.9	603	320	45.7	47	170	150	105	102	96
95	NEW MILFORD	2034	441	18.7	700	346	44.2	36	220	126	31	19	9
96	NEWINGTON	2362	301	16.1	782	128	21.2	62	58	70	26	46	39
97	NEWTOWN	2427	351	14.5	777	268	34.5	47	130	138	19	10	7
98	NORFOLK	120	4	3.3	40	2	5.0	1	1	1	0	1	0
99	NORTH BRANFORD	1113	131	11.8	364	105	28.8	11	76	29	9	4	2
100	NORTH CANAAN	217	2	0.9	51	1	2.0	0	1	0	1	0	0
101	NORTH HAVEN	1523	264	17.3	478	177	37.0	43	104	73	21	12	11
102	NORTH STONINGTON	348	95	27.3	108	50	46.3	29	18	32	7	5	4
103	NORWALK	6747	2725	40.4	2289	1723	75.3	379	803	920	323	232	68
104	NORWICH	2808	963	34.3	891	655	73.5	136	337	318	64	64	44
105	OLD LYME	519	122	23.5	153	111	72.5	5	53	58	2	1	3
106	OLD SAYBROOK	727	144	19.8	238	132	55.5	5	71	61	4	2	1
107	ORANGE	931	175	18.8	304	154	50.7	8	99	55	7	4	2

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
108	OXFORD	795	224	28.2	240	160	66.7	35	71	89	18	4	7
109	PLAINFIELD	1157	412	35.6	398	261	65.6	11	142	119	21	103	16
110	PLAINVILLE	1035	268	25.9	339	154	45.4	38	83	71	20	28	28
111	PLYMOUTH	881	195	22.1	262	119	45.4	9	86	33	26	31	10
112	POMFRET	277	80	28.9	78	51	65.4	0	26	25	4	23	2
113	PORTLAND	738	107	14.5	244	67	27.5	25	31	36	7	2	6
114	PRESTON	260	71	27.3	84	52	61.9	6	23	29	2	6	5
115	PROSPECT	666	157	23.6	225	80	35.6	11	46	34	26	29	11
116	PUTNAM	645	239	37.1	219	147	67.1	3	97	50	17	59	13
117	REDDING	705	114	16.2	228	79	34.6	29	24	55	1	2	3
118	RIDGEFIELD	2356	269	11.4	741	170	22.9	67	87	83	12	8	12
119	ROCKY HILL	1104	217	19.7	372	131	35.2	45	70	61	18	13	10
120	ROXBURY	124	29	23.4	45	26	57.8	1	18	8	0	1	1
121	SALEM	316	63	19.9	92	55	59.8	2	29	26	3	2	1
122	SALISBURY	184	4	2.2	58	1	1.7	0	1	0	1	2	0
123	SCOTLAND	137	10	7.3	50	9	18.0	0	4	5	0	1	0
124	SEYMOUR	1104	333	30.2	358	187	52.2	75	74	113	26	28	17
125	SHARON	154	14	9.1	49	8	16.3	0	7	1	4	1	1
126	SHELTON	2817	641	22.8	955	477	49.9	85	261	216	38	29	12
127	SHERMAN	298	42	14.1	90	29	32.2	10	19	10	1	2	0
128	SIMSBURY	2044	231	11.3	647	162	25.0	21	109	53	14	18	16
129	SOMERS	559	126	22.5	159	68	42.8	8	31	37	26	12	12
130	SOUTH WINDSOR	1207	277	14.3	384	182	31.1	19	74	108	24	22	30
131	SOUTHBURY	2866	240	19.9	969	198	51.6	12	116	82	17	6	7
132	SOUTHINGTON	1939	564	19.7	586	323	33.3	62	162	161	68	47	64
133	SPRAGUE	185	69	37.3	55	52	94.5	9	26	26	4	2	2
134	STAFFORD	886	208	23.5	255	165	64.7	18	89	76	11	9	5
135	STAMFORD	9647	3008	31.2	3209	1847	57.6	713	873	974	205	154	89
136	STERLING	286	107	37.4	87	58	66.7	3	33	25	9	34	3

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
137	STONINGTON	1192	397	33.3	366	246	67.2	95	98	148	22	22	12
138	STRATFORD	3613	1159	32.1	1140	761	66.8	143	369	392	124	86	45
139	SUFFIELD	876	181	20.7	276	101	36.6	16	57	44	43	14	7
140	THOMASTON	534	114	21.3	177	79	44.6	5	53	26	10	13	7
141	THOMPSON	634	140	22.1	191	94	49.2	5	52	42	3	30	8
142	TOLLAND	1213	184	15.2	396	126	31.8	31	66	60	12	9	6
143	TORRINGTON	2513	310	12.3	843	220	26.1	19	125	95	36	19	16
144	TRUMBULL	2849	623	21.9	947	520	54.9	28	260	260	32	27	16
145	UNION	53	6	11.3	20	5	25.0	0	3	2	1	0	0
146	VERNON	2069	435	21.0	686	253	36.9	100	155	98	45	25	12
147	VOLUNTOWN	202	59	29.2	59	39	66.1	12	22	17	1	7	0
148	WALLINGFORD	3216	762	23.7	1053	559	53.1	34	309	250	116	36	17
149	WARREN	88	18	20.5	28	16	57.1	1	6	10	1	0	0
150	WASHINGTON	190	30	15.8	49	24	49.0	1	18	6	2	2	1
151	WATERBURY	9785	4321	44.2	3266	2037	62.4	164	1190	847	775	812	533
152	WATERFORD	1168	187	16.0	348	118	33.9	14	69	49	20	16	19
153	WATERTOWN	1568	333	21.2	457	213	46.6	11	157	56	35	48	26
154	WEST HARTFORD	4384	785	17.9	1437	505	35.1	98	271	234	75	59	48
155	WEST HAVEN	3896	1183	30.4	1296	839	64.7	80	528	311	125	103	36
156	WESTBROOK	423	102	24.1	122	85	69.7	3	54	31	8	0	6
157	WESTON	1014	200	19.7	305	156	51.1	20	72	84	10	5	9
158	WESTPORT	2392	572	23.9	720	446	61.9	57	193	253	40	13	16
159	WETHERSFIELD	1684	276	16.4	545	154	28.3	50	85	69	28	26	18
160	WILLINGTON	351	49	14.0	113	27	23.9	12	18	9	5	3	2
161	WILTON	1725	402	23.3	528	258	48.9	112	85	173	17	12	3
162	WINCHESTER	731	69	9.4	238	48	20.2	4	29	19	9	6	2
163	WINDHAM	1773	258	14.6	596	154	25.8	22	96	58	32	28	22
164	WINDSOR	2065	386	18.7	652	259	39.7	47	153	106	36	23	21
165	WINDSOR LOCKS	842	141	16.7	257	83	32.3	16	56	27	26	9	7

CY 2007 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 mo	12-23 mo	24-35 mo	36-47 mo	48-59 mo	60-71 mo
166	WOLCOTT	1192	249	20.9	377	126	33.4	7	83	43	35	53	28
167	WOODBIDGE	636	102	16.0	201	74	36.8	4	49	25	8	7	9
168	WOODBURY	671	123	18.3	208	94	45.2	5	59	35	4	13	7
169	WOODSTOCK	499	142	28.5	158	72	45.6	2	37	35	11	48	9

<sup>a</sup> Population data obtained from 2000 U.S. Census.

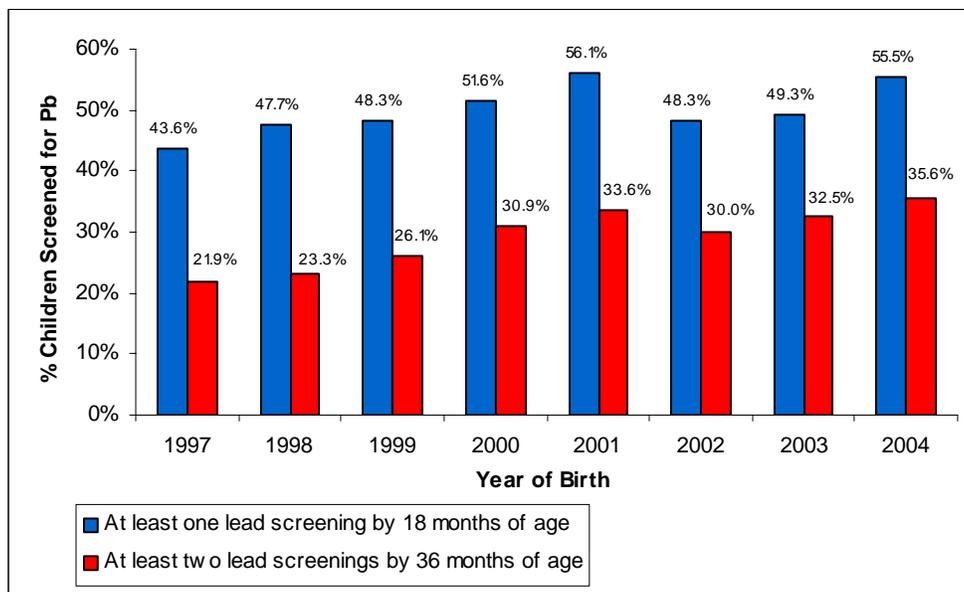
<sup>b</sup> Any test (capillary or venous) in CLPPP from 01/01/2007 - 12/31/2007.

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

# COMPLIANCE WITH LEAD SCREENING GUIDELINES

As discussed previously, it is recommended that all healthcare providers in Connecticut screen every child for lead poisoning at age 12 months and again at age 24 months<sup>1</sup>. Compliance with these guidelines 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.

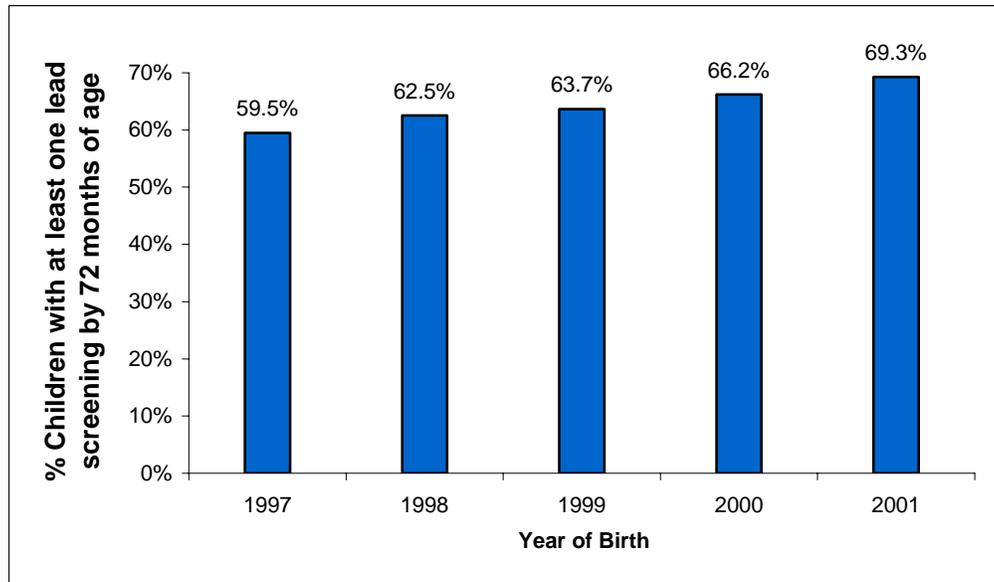
**Percent of children who have had at least one/two screening(s) by 18/36 months of age, by year of birth – Connecticut 1997-2004**



For children born in 2004, 55.5% had at least one lead screening by 18 months of age and 35.6% had at least two lead screenings by 36 months of age. When comparing the 2004 birth cohort to the 2003 birth cohort, the percents of children who have been screened at least once by 18 months of age increased 6.2% and at least twice by 36 months of age increased 3.1%. 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 two following consecutive cohorts, 2003 and 2004 cohorts.

<sup>1</sup> Effective 1/1/2009, it will be required that all children 9 months to 35 months of age be screened annually.

**Percent of children who have had at least one screening by 72 months of age, by year of birth – Connecticut 1997-2001**



(Note: Birth cohorts beyond 2001 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 2001, 69.3% had at least one lead screening by 72 months of age. There was an increased trend through the five cohorts that have been evaluated.

**Percent 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 1998-2004**

CY 2007 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	1998	1999	2000	2001	2002	2003	2004
<b>Connecticut</b>	<b>47.7</b>	<b>48.3</b>	<b>51.6</b>	<b>56.1</b>	<b>48.3</b>	<b>49.3</b>	<b>55.5</b>	<b>23.3</b>	<b>26.1</b>	<b>30.9</b>	<b>33.6</b>	<b>30.0</b>	<b>32.5</b>	<b>35.6</b>
<b>By-Town</b>														
1ANDOVER	26.9	12.5	14.3	14.0	11.1	10.3	20.9	1.9	2.1	4.8	0.0	0.0	7.7	7.0
2ANSONIA	56.6	53.4	55.0	67.4	51.9	60.9	64.1	22.5	32.4	42.7	46.0	42.0	47.8	47.1
3ASHFORD	39.1	27.1	24.4	35.9	23.1	28.6	41.9	10.9	8.3	13.3	7.7	15.4	8.2	12.9
4AVON	42.8	45.0	49.1	50.6	30.0	41.7	38.3	19.1	21.1	24.2	25.9	20.0	26.1	24.0
5BARKHAMSTED	29.2	20.6	31.6	36.2	25.0	26.1	30.8	20.8	0.0	7.9	14.9	5.0	8.7	10.3
6BEACON FALLS	42.9	63.1	71.4	60.9	58.2	65.6	71.8	12.9	23.1	44.3	27.5	46.3	40.6	42.3
7BERLIN	37.4	38.9	43.0	36.0	31.0	35.9	47.0	5.5	6.8	14.5	14.6	10.9	13.4	24.6
8BETHANY	48.2	60.9	53.2	51.9	65.3	66.7	51.9	10.7	15.9	14.9	27.8	32.7	20.4	25.0
9BETHEL	62.3	68.4	68.3	73.4	57.6	63.1	68.1	18.2	26.3	22.4	32.7	25.3	42.7	52.7
10BETHLEHEM	58.8	54.5	75.0	72.7	66.7	66.7	63.6	14.7	18.2	25.0	22.7	16.7	30.3	9.1
11BLOOMFIELD	58.1	54.8	57.6	65.2	53.6	52.0	54.5	18.6	18.6	32.8	34.8	26.8	35.2	29.1
12BOLTON	18.9	27.8	23.1	34.1	20.0	15.6	37.8	3.8	3.7	9.6	9.1	4.0	8.9	18.9
13BOZRAH	23.1	68.0	88.2	81.0	73.1	61.9	57.1	7.7	32.0	67.6	61.9	69.2	52.4	38.1
14BRANFORD	42.8	36.5	40.4	41.9	32.5	31.4	44.9	10.8	18.2	20.2	18.2	14.2	14.4	18.7
15BRIDGEPORT	59.3	59.8	64.0	69.0	58.4	59.7	64.0	44.0	44.8	48.8	53.0	45.2	48.7	49.0
16BRIDGEWATER	52.9	35.7	50.0	66.7	8.3	71.4	53.8	0.0	14.3	0.0	8.3	0.0	71.4	7.7
17BRISTOL	46.7	42.7	58.4	70.5	57.1	56.9	57.6	5.3	8.4	18.7	22.4	21.1	24.3	26.1
18BROOKFIELD	50.6	57.7	55.0	55.2	45.2	54.9	57.6	12.6	16.9	18.7	22.9	14.6	39.6	41.2
19BROOKLYN	51.7	53.8	50.0	50.8	39.4	60.8	65.6	31.7	30.8	30.0	36.1	29.6	48.1	50.8
20BURLINGTON	24.0	26.8	38.6	34.3	29.0	35.5	29.2	6.7	8.0	11.4	10.1	15.9	12.9	15.1
21CANAAN	48.3	51.9	60.0	40.0	33.3	15.0	33.3	6.9	7.4	8.0	8.0	22.2	5.0	4.8
22CANTERBURY	37.5	53.7	52.9	73.5	62.7	52.5	64.3	27.1	31.5	35.3	57.4	49.3	47.5	52.4
23CANTON	35.0	39.5	46.7	48.2	42.5	46.0	48.0	18.0	14.0	25.6	20.9	16.1	22.1	22.0
24CHAPLIN	16.7	28.6	29.2	28.6	30.4	21.4	29.4	0.0	4.8	16.7	7.1	4.3	7.1	0.0
25CHESHIRE	45.3	45.8	41.8	41.6	36.0	38.6	43.1	10.9	27.5	27.2	22.8	20.5	20.7	23.3
26CHESTER	64.4	71.4	60.0	69.2	64.2	75.0	81.4	44.4	50.0	45.7	53.8	35.8	62.5	72.1
27CLINTON	61.5	58.4	57.6	55.4	53.0	53.6	54.6	29.7	32.0	31.6	36.2	32.2	35.3	33.3
28COLCHESTER	24.8	49.6	51.6	48.9	47.4	41.6	46.8	12.2	27.9	37.1	32.0	37.1	30.0	40.4
29COLEBROOK	0.0	7.1	16.7	11.1	0.0	0.0	10.0	7.7	7.1	0.0	0.0	0.0	0.0	0.0
30COLUMBIA	15.5	15.7	13.1	11.7	19.6	20.7	19.1	0.0	0.0	3.3	3.3	9.8	13.8	8.5
31CORNWALL	41.7	30.0	40.0	50.0	33.3	0.0	23.1	0.0	0.0	0.0	10.0	8.3	0.0	7.7
32COVENTRY	18.8	21.8	23.2	24.4	23.0	19.7	29.6	4.5	3.4	7.1	5.3	5.2	9.9	11.3
33CROMWELL	48.4	35.3	41.6	48.6	33.8	38.0	46.7	21.7	17.6	25.5	36.2	30.0	22.5	30.7
34DANBURY	57.3	60.0	63.2	62.0	51.1	57.1	59.0	18.1	22.9	23.3	28.2	19.1	33.5	33.1
35DARIEN	43.7	38.6	48.3	51.7	48.0	50.2	50.5	24.4	23.5	32.1	43.2	40.1	40.3	39.3

CY 2007 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	1998	1999	2000	2001	2002	2003	2004
36DEEP RIVER	75.0	66.0	53.8	66.7	72.2	65.1	82.1	60.4	53.2	40.0	57.6	51.9	51.2	69.6
37DERBY	54.3	49.0	52.8	62.7	63.9	55.5	71.1	24.3	28.2	33.7	43.3	44.2	39.7	56.0
38DURHAM	66.3	47.8	50.6	48.2	55.9	48.1	45.2	31.3	26.7	32.1	35.3	39.7	36.4	33.3
39EAST GRANBY	55.4	50.0	54.1	53.4	52.0	52.8	47.4	7.7	18.0	13.1	17.2	12.0	20.8	15.8
40EAST HADDAM	49.5	50.0	48.6	48.8	34.5	51.4	56.6	32.6	35.6	38.3	38.4	30.1	43.0	50.5
41EAST HAMPTON	33.8	39.7	42.7	38.2	32.7	33.3	43.4	17.5	24.3	24.5	18.8	22.4	18.2	26.3
EAST 42HARTFORD	39.8	39.4	41.3	42.7	36.2	38.4	48.1	20.0	20.7	23.5	24.1	21.9	27.1	27.6
43EAST HAVEN	44.3	37.5	40.2	46.4	30.4	30.2	40.4	16.5	17.8	27.4	24.2	15.2	19.4	13.8
44EAST LYME	51.8	58.8	59.9	61.5	64.6	57.1	63.0	27.7	36.5	40.1	39.9	40.9	41.0	45.9
45EAST WINDSOR	36.5	28.8	33.1	36.0	23.9	21.8	33.7	11.9	21.2	15.8	14.0	12.8	10.0	17.8
46EASTFORD	47.1	31.6	30.8	66.7	30.0	66.7	22.2	29.4	15.8	23.1	66.7	20.0	50.0	0.0
47EASTON	62.2	67.4	67.6	77.0	67.9	64.6	70.6	41.1	45.3	53.3	57.0	58.0	51.9	47.1
48ELLINGTON	41.1	37.0	38.3	38.5	34.4	37.0	42.5	13.7	11.4	18.2	20.1	22.3	26.7	18.8
49ENFIELD	26.8	25.7	25.8	31.6	23.1	25.1	31.3	15.3	11.8	15.5	18.7	14.5	17.4	23.0
50ESSEX	71.7	84.9	76.5	83.3	77.2	78.3	84.8	60.4	69.9	61.2	73.3	73.4	65.0	68.4
51FAIRFIELD	59.0	63.4	62.8	74.3	67.2	66.6	76.1	40.4	44.5	48.4	59.5	55.7	54.3	62.0
52FARMINGTON	24.7	23.8	37.3	35.8	23.3	34.9	37.1	8.0	5.7	15.9	15.9	10.7	19.1	20.0
53FRANKLIN	27.8	30.4	41.2	50.0	57.1	45.0	47.1	11.1	17.4	23.5	50.0	50.0	45.0	41.2
54GLASTONBURY	14.8	15.4	15.7	21.2	15.4	13.5	16.8	2.8	2.2	7.0	6.9	6.7	7.7	7.8
55GOSHEN	7.4	10.0	11.8	13.3	26.3	15.4	31.6	0.0	0.0	5.9	6.7	0.0	3.8	0.0
56GRANBY	42.8	40.7	45.8	48.9	40.4	43.1	57.7	5.8	7.4	14.2	13.5	9.2	15.5	16.3
57GREENWICH	12.5	9.4	12.4	14.6	10.3	14.7	14.2	4.9	4.8	7.0	8.0	6.4	9.4	9.5
58GRISWOLD	35.3	51.7	67.7	75.2	72.7	66.7	68.8	19.6	29.3	54.8	57.3	49.6	53.2	52.9
59GROTON	49.9	51.0	53.1	55.4	49.2	47.4	46.1	10.9	11.7	14.7	12.7	14.7	20.5	21.5
60GUILFORD	47.8	36.2	36.2	42.5	44.8	42.5	46.5	14.4	8.6	11.7	10.3	14.9	14.2	12.5
61HADDAM	39.8	45.5	48.2	60.5	51.4	59.0	67.5	31.3	30.9	37.6	43.2	45.8	44.6	52.5
62HAMDEN	59.3	50.8	55.2	57.0	51.6	48.3	54.4	28.8	28.0	35.4	31.3	30.2	28.5	30.0
63HAMPTON	47.4	36.4	46.7	15.0	37.5	23.1	29.6	10.5	9.1	6.7	10.0	18.8	0.0	14.8
64HARTFORD	63.2	62.5	64.7	68.1	60.4	56.0	66.3	52.0	50.6	51.0	55.2	47.8	48.0	55.2
65HARTLAND	30.0	18.8	30.0	25.0	27.3	52.0	47.6	5.0	12.5	5.0	12.5	13.6	8.0	14.3
66HARWINTON	19.1	21.2	21.4	15.2	19.0	16.1	47.2	0.0	0.0	5.4	6.5	0.0	1.8	7.5
67HEBRON	12.2	15.1	16.2	12.3	18.2	21.1	25.5	2.7	5.0	5.6	5.7	9.9	7.3	15.1
68KENT	44.7	40.0	37.5	44.4	34.6	44.1	40.7	2.6	0.0	6.3	5.6	0.0	32.4	18.5
69KILLINGLY	61.9	57.8	62.4	68.8	67.6	55.5	64.9	38.5	31.7	42.7	46.0	41.4	40.2	49.8
70KILLINGWORTH	59.3	48.8	53.8	49.4	50.6	61.3	75.3	30.2	31.4	39.6	31.8	40.2	38.7	50.6
71LEBANON	21.3	28.4	47.3	38.0	35.4	35.1	36.4	13.8	10.8	36.5	26.8	26.2	31.1	26.0
72LEDYARD	55.4	65.0	71.1	75.4	55.8	58.4	65.4	6.5	8.6	16.8	15.0	13.6	23.2	37.7
73LISBON	27.5	65.6	70.4	78.1	53.8	61.9	60.0	2.5	40.6	55.6	68.8	48.7	50.0	47.5
74LITCHFIELD	14.5	25.0	25.7	25.4	17.1	30.5	47.1	6.0	5.6	4.3	9.0	2.9	7.3	8.8
75LYME	64.7	81.8	72.2	81.3	76.2	80.0	68.8	41.2	59.1	61.1	50.0	19.0	53.3	18.8

CY 2007 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	1998	1999	2000	2001	2002	2003	2004
76MADISON	58.6	50.3	59.4	55.6	54.7	51.4	53.9	21.7	24.1	31.3	34.9	33.5	24.6	27.9
77MANCHESTER	27.4	26.9	23.0	26.3	20.8	22.0	31.4	11.1	12.4	12.0	13.7	9.4	12.1	14.0
78MANSFIELD	27.7	24.8	26.5	16.5	19.8	16.7	22.9	8.9	6.9	8.8	6.1	9.0	4.6	6.7
79MARLBOROUGH	20.3	19.4	18.2	24.7	21.3	20.5	17.8	7.6	6.5	9.1	3.5	6.7	9.6	8.2
80MERIDEN	56.5	57.6	59.8	70.4	52.0	52.8	64.5	22.2	42.2	42.4	48.4	39.9	40.9	48.4
81MIDDLEBURY	61.3	56.3	66.2	80.3	56.4	61.0	72.0	20.0	20.8	20.0	29.6	25.5	26.0	29.3
82MIDDLEFIELD	41.9	52.4	50.0	53.3	40.4	35.9	52.9	20.9	28.6	29.2	42.2	26.9	33.3	33.3
83MIDDLETOWN	47.6	47.8	51.2	53.3	53.3	48.0	52.2	29.8	36.5	39.9	39.6	35.7	33.5	36.8
84MILFORD	45.7	45.1	51.0	63.1	58.6	58.3	63.8	22.6	22.8	25.9	28.9	31.6	26.2	31.5
85MONROE	56.5	53.2	58.1	60.2	55.1	60.1	61.5	33.9	38.7	42.6	47.2	39.9	39.9	47.1
86MONTVILLE	41.7	63.3	61.4	64.8	59.8	54.9	62.5	17.1	29.8	38.6	40.2	41.3	39.8	48.0
87MORRIS	18.8	18.4	22.7	26.9	37.9	38.9	57.9	0.0	0.0	0.0	3.8	17.2	11.1	5.3
88NAUGATUCK	43.3	45.9	46.2	47.9	44.9	46.3	65.6	12.8	13.8	19.6	21.1	21.1	18.9	30.8
89NEW BRITAIN	54.8	53.7	62.6	67.6	51.6	59.7	61.8	27.4	30.1	37.8	38.8	31.2	38.7	46.7
90NEW CANAAN	60.2	52.5	58.3	67.9	72.7	68.3	77.2	43.1	35.1	47.1	50.9	53.2	44.6	50.3
91NEW FAIRFIELD	53.3	50.6	60.5	56.7	58.8	61.1	66.1	21.1	26.3	30.5	31.7	35.3	49.3	48.8
92NEW HARTFORD	16.9	17.3	29.7	22.1	20.3	22.4	45.7	6.5	9.3	14.9	9.3	5.4	11.8	27.1
93NEW HAVEN	62.4	58.6	58.4	63.8	52.8	53.8	61.6	47.2	45.0	46.6	50.0	41.9	37.8	42.2
94NEW LONDON	56.2	56.4	59.4	64.2	56.1	46.7	53.9	30.2	35.0	36.6	36.0	25.5	26.1	34.0
95NEW MILFORD	47.0	51.1	49.6	56.4	50.3	50.1	57.9	4.2	4.0	6.9	7.7	10.8	10.5	15.2
96NEWINGTON	23.5	23.8	28.8	27.6	28.8	28.8	31.1	3.8	8.4	5.8	10.9	10.1	12.1	16.5
97NEWTOWN	61.1	59.6	68.8	62.8	62.6	57.7	64.1	25.6	26.7	33.4	34.2	36.0	40.9	38.3
98NORFOLK	26.1	8.7	0.0	10.5	25.0	0.0	11.8	4.3	4.3	0.0	0.0	6.3	0.0	0.0
99NORTH BRANFORD	44.2	36.3	32.9	36.8	30.0	37.8	32.5	18.8	14.5	16.4	19.4	15.8	17.5	13.8
100NORTH CANAAN	22.2	10.5	6.3	27.3	11.1	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101NORTH HAVEN	44.2	43.2	45.3	39.4	41.7	35.0	48.4	14.7	23.5	20.3	23.9	27.2	20.2	24.9
102NORTH STONINGTON	33.3	33.9	39.0	40.4	36.7	32.8	60.0	6.3	6.8	13.6	14.9	14.3	22.4	46.0
103NORWALK	44.3	53.0	61.7	67.6	54.1	61.0	70.0	27.3	32.0	44.0	51.2	41.6	49.2	55.8
104NORWICH	47.6	60.5	64.0	69.3	60.3	61.7	63.3	22.3	31.9	50.2	51.1	42.8	46.9	44.2
105OLD LYME	56.3	68.0	67.8	69.7	62.2	69.1	72.7	36.6	44.0	42.4	62.1	56.8	54.4	62.3
106OLD SAYBROOK	82.0	77.5	73.2	80.6	70.8	77.8	76.5	67.6	59.6	64.3	67.7	63.3	55.6	62.2
107ORANGE	67.4	60.0	63.6	71.1	67.0	68.4	70.4	15.3	10.8	21.8	10.1	24.1	21.4	17.6
108OXFORD	67.5	74.2	65.9	72.5	71.0	64.7	71.2	24.6	30.6	39.1	44.4	47.3	46.3	48.5
109PLAINFIELD	56.1	61.0	69.6	73.3	70.8	70.0	61.5	35.7	35.2	48.5	56.8	51.6	54.0	48.7
110PLAINVILLE	40.1	41.0	56.8	56.8	55.5	53.6	60.1	4.5	12.1	19.9	23.1	23.2	28.2	36.6
111PLYMOUTH	44.6	47.1	56.1	67.5	55.0	54.7	65.1	5.8	11.6	13.5	21.1	17.8	18.2	29.4
112POMFRET	62.9	50.0	56.1	71.7	66.7	57.1	69.0	45.7	29.6	36.6	58.7	51.5	52.4	54.8
113PORTLAND	50.0	51.3	52.3	47.4	42.6	46.5	47.3	25.8	35.4	37.9	34.5	29.5	40.4	30.4
114PRESTON	33.3	65.2	70.3	78.0	57.1	62.3	75.9	16.7	23.9	56.8	53.7	40.8	49.1	48.3
115PROSPECT	59.6	50.0	47.7	59.1	46.4	52.4	60.0	15.7	17.3	15.9	21.5	15.5	16.7	20.0

CY 2007 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	1998	1999	2000	2001	2002	2003	2004
116PUTNAM	58.3	50.0	54.9	58.8	59.5	55.1	59.2	25.9	30.4	41.8	38.7	38.0	43.3	44.7
117REDDING	67.0	62.4	65.1	64.0	47.9	50.0	65.5	25.5	23.8	27.7	43.2	38.5	36.7	52.9
118RIDGEFIELD	70.7	71.4	54.6	48.1	39.4	42.1	40.2	14.5	19.3	22.4	19.9	23.1	25.0	24.0
119ROCKY HILL	25.1	27.6	31.2	33.7	31.6	38.4	46.5	1.6	4.7	18.3	25.9	24.7	20.7	29.2
120ROXBURY	50.0	62.5	66.7	61.1	57.1	55.6	64.3	16.7	12.5	13.3	16.7	38.1	16.7	7.1
121SALEM	28.8	53.7	58.3	58.1	62.2	56.4	61.1	9.6	34.1	33.3	34.9	42.2	38.5	36.1
122SALISBURY	25.0	25.7	45.7	48.0	24.1	33.3	6.9	2.8	0.0	11.4	0.0	3.4	4.2	0.0
123SCOTLAND	15.8	28.6	7.7	31.6	6.7	7.7	44.4	0.0	14.3	7.7	26.3	6.7	7.7	33.3
124SEYMOUR	63.8	61.2	60.6	69.5	71.4	56.2	64.0	18.1	27.9	42.2	50.7	50.3	44.9	45.0
125SHARON	37.5	30.0	51.9	33.3	11.8	44.4	35.0	4.2	0.0	0.0	0.0	0.0	3.7	10.0
126SHELTON	66.0	59.3	60.5	70.4	62.8	63.6	69.6	33.8	28.6	40.2	46.9	38.4	42.1	47.4
127SHERMAN	50.0	72.7	61.3	51.1	46.9	62.1	56.5	8.8	12.1	19.4	21.3	15.6	31.0	34.8
128SIMSBURY	50.8	44.6	40.7	50.0	34.8	35.6	46.4	17.1	11.4	13.8	14.7	13.6	13.8	15.2
129SOMERS	30.9	30.6	25.5	42.6	28.6	39.3	46.8	19.1	18.1	18.4	11.7	20.0	25.0	35.1
130SOUTHBURY	76.1	72.0	75.5	70.4	25.7	29.6	24.8	37.7	37.6	38.0	44.0	8.4	14.2	9.6
131SOUTHINGTON	29.3	30.8	39.9	44.7	71.7	62.1	67.6	3.5	9.6	15.8	17.5	38.8	38.5	43.4
132SOUTH WINDSOR	29.4	26.5	26.9	29.2	35.8	36.6	40.6	4.5	4.0	5.9	9.4	16.2	18.7	19.4
133SPRAGUE	25.8	64.3	48.6	75.0	47.1	55.6	65.5	16.1	17.9	42.9	56.3	38.2	38.9	37.9
134STAFFORD	41.0	34.8	31.3	32.6	35.5	28.1	53.5	14.4	20.5	10.7	17.4	17.8	20.7	39.5
135STAMFORD	42.3	38.0	46.3	64.5	53.8	54.5	63.5	21.7	24.3	32.7	42.1	36.0	40.0	45.8
136STERLING	50.0	62.2	74.3	76.5	64.3	53.3	84.6	26.5	51.4	68.6	61.8	50.0	42.2	65.4
137STONINGTON	35.1	35.9	54.3	52.6	36.5	41.0	60.6	8.3	8.8	16.4	8.5	7.4	19.1	36.9
138STRATFORD	57.2	59.5	58.9	64.7	58.0	62.1	63.4	36.9	37.5	42.0	47.3	40.1	44.2	48.1
139SUFFIELD	42.1	34.7	34.3	30.6	27.0	21.6	35.4	19.0	15.7	14.9	14.3	16.2	16.0	26.0
140THOMASTON	47.4	46.8	57.3	63.7	48.1	50.0	56.8	6.2	12.7	14.6	14.2	12.3	10.2	17.3
141THOMPSON	27.6	36.6	28.8	45.8	35.6	35.1	49.5	16.1	16.1	20.7	32.5	16.4	24.7	36.6
142TOLLAND	39.1	31.7	38.2	34.2	28.3	27.0	35.5	8.2	12.9	16.1	5.4	13.3	9.4	16.3
143TORRINGTON	8.5	8.5	6.3	5.9	8.1	13.7	26.8	3.7	2.5	3.3	1.5	1.8	3.6	5.2
144TRUMBULL	46.9	45.8	50.0	60.8	56.9	57.0	61.4	26.4	27.1	34.2	34.5	33.8	37.9	41.0
145UNION	33.3	40.0	33.3	40.0	14.3	36.4	71.4	0.0	40.0	0.0	0.0	0.0	9.1	0.0
146VERNON	35.1	37.8	39.2	40.7	44.4	37.9	45.5	13.5	16.9	16.3	17.7	20.8	15.2	18.4
147VOLUNTOWN	38.2	62.9	60.6	71.0	72.7	63.0	62.5	17.6	34.3	42.4	54.8	39.4	44.4	53.1
148WALLINGFORD	58.3	62.7	61.6	65.8	57.3	55.9	68.2	10.5	32.1	36.3	37.7	35.7	38.2	41.2
149WARREN	50.0	20.0	25.0	66.7	70.0	50.0	60.0	0.0	0.0	0.0	8.3	0.0	0.0	10.0
150WASHINGTON	54.8	60.6	52.8	86.2	60.5	52.9	77.8	6.5	6.1	8.3	0.0	13.2	11.8	14.8
151WATERBURY	53.6	54.7	57.9	64.4	53.7	57.9	65.2	30.1	32.1	36.4	36.9	32.1	39.3	41.3
152WATERFORD	40.2	45.5	64.1	52.6	41.6	45.9	49.1	17.2	20.8	30.9	21.1	16.8	28.7	32.9
153WATERTOWN	53.9	61.3	62.7	66.0	53.0	55.5	62.7	7.8	15.3	12.7	17.2	12.1	16.6	13.3
154WEST HARTFORD	47.8	48.0	47.0	40.5	36.7	36.4	39.6	13.0	11.0	21.9	15.9	15.3	23.4	23.4
155WEST HAVEN	47.1	52.4	53.2	63.5	56.6	58.8	63.5	22.4	30.3	25.8	34.2	26.9	31.5	28.3

CY 2007 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	1998	1999	2000	2001	2002	2003	2004
156 WESTBROOK	70.6	73.4	72.8	67.7	68.3	56.3	56.7	49.0	54.4	55.6	52.3	46.7	40.6	43.3
157 WESTON	40.5	52.3	72.3	81.4	74.0	72.1	78.8	26.6	35.2	53.3	63.6	63.6	58.7	64.4
158 WESTPORT	33.0	69.5	75.0	79.7	71.0	74.1	79.8	20.0	45.7	57.7	60.0	58.0	65.6	67.3
159 WETHERSFIELD	26.6	26.1	28.6	31.1	27.1	28.1	37.0	6.6	8.4	17.7	18.7	19.4	18.0	21.0
160 WILLINGTON	35.8	36.2	30.5	20.5	26.1	30.0	47.3	5.7	6.9	13.6	4.5	17.4	10.0	14.5
161 WILTON	53.5	63.7	64.9	76.4	68.1	71.9	85.6	30.4	46.3	51.8	64.4	57.4	59.1	71.3
162 WINCHESTER	9.8	11.0	8.4	11.5	8.7	12.2	16.8	3.8	3.4	4.5	4.1	1.6	5.3	8.0
163 WINDHAM	24.6	25.3	19.3	28.2	16.3	18.8	25.6	10.5	12.6	10.5	14.9	9.3	10.1	8.4
164 WINDSOR	45.5	40.9	47.9	44.1	38.3	41.0	40.1	11.8	10.8	17.2	19.8	19.7	22.4	17.3
165 WINDSOR LOCKS	38.8	35.9	32.4	35.0	23.5	28.6	34.4	6.0	14.1	7.2	9.4	8.7	15.2	20.8
166 WOLCOTT	59.0	57.4	70.9	63.9	60.6	61.3	62.3	15.9	17.9	15.9	20.0	21.9	20.9	20.5
167 WOODBRIDGE	51.1	55.4	48.4	66.2	67.3	64.1	72.9	12.8	18.5	14.1	23.0	21.8	24.4	23.7
168 WOODBURY	65.4	63.6	71.3	77.1	71.0	64.2	75.3	28.8	26.2	30.7	31.4	26.9	43.4	30.3
169 WOODSTOCK	50.8	57.6	50.7	54.3	37.8	58.9	49.3	33.3	33.3	31.5	35.7	29.7	41.1	40.8

Note: Birth cohorts beyond 2004 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 2007 whose blood lead levels were  $\geq 10 \mu\text{g/dL}$ .

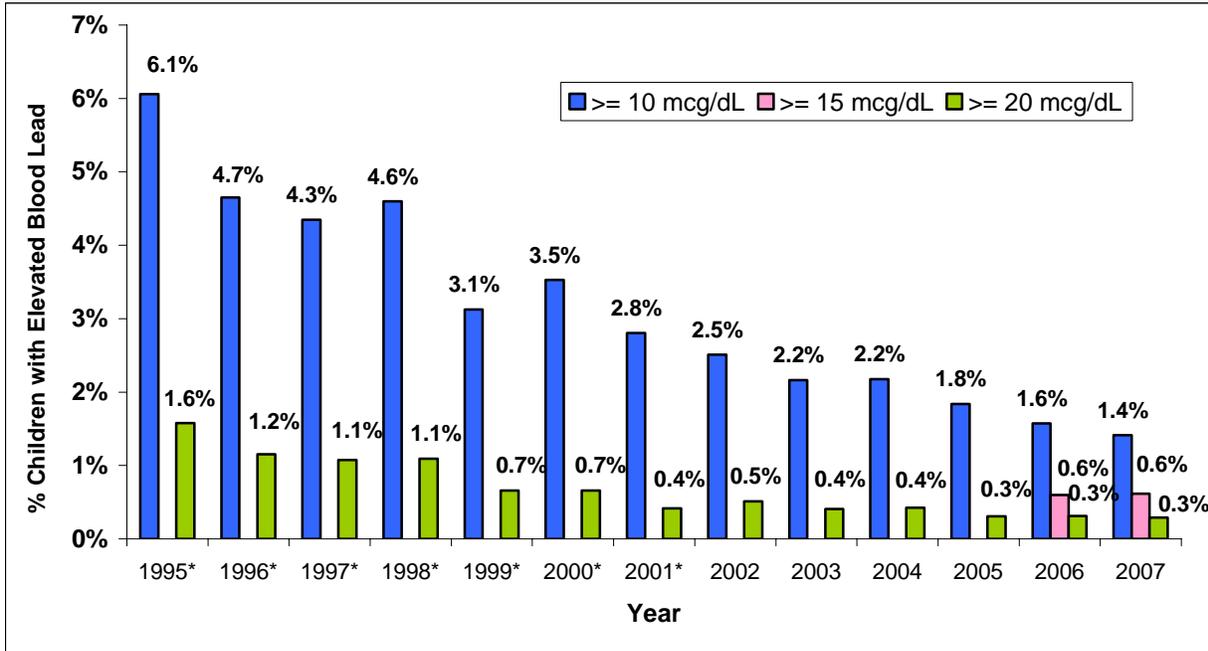
**Prevalence of Significant Elevated Blood Lead Levels** – Prevalence of significant elevated blood lead levels is defined as the proportion of children under 6 years of age with a confirmed lead test in CY 2007 whose blood lead levels were  $\geq 20 \mu\text{g/dL}$ . Per Connecticut General Statutes, significant elevated blood lead levels require an epidemiological investigation including the inspection of residences for lead hazards by local health departments in CY2007<sup>2</sup>.



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<sup>2</sup> Effective January 1, 2009, a second identified blood lead level of 15-19  $\mu\text{g/dL}$  in children under 6 years of age will require an on-site inspection if the second test is more than 3 months apart from the initial 15-19  $\mu\text{g/dL}$  test result. In this report, the prevalence of blood lead levels of  $\geq 15 \mu\text{g/dL}$  has been added for CY 2006 and 2007 results.

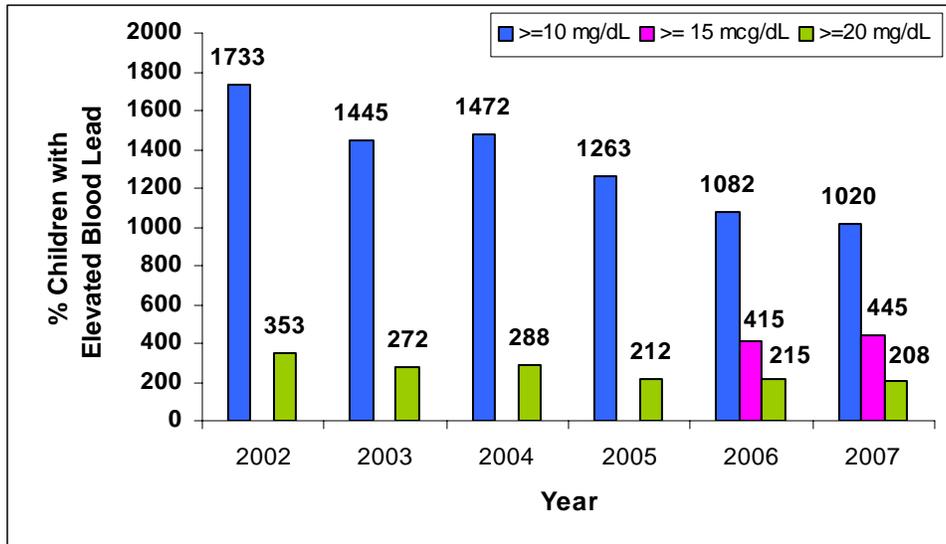
**Percent of children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 1995-2007\***



Among children under 6 years of age who had a confirmed blood lead test in 2007, 1.4%, 0.6%, and 0.3% 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 2007. The prevalence of elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  in CY 2007 declined 0.2% as compared to CY 2006. However, the prevalences of elevated blood lead levels of  $\geq 15 \mu\text{g/dL}$  and  $\geq 20 \mu\text{g/dL}$  in CY 2007 were unchanged as compared to CY 2006.

\* 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 children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 2002-2007**



Among children under 6 years of age, there was a decline of 62 children who were found to have blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  from CY 2006 to CY 2007, and a decline of 713 children from CY 2002 to CY 2007. The number of children who were found to have blood lead levels of  $\geq 20$   $\mu\text{g}/\text{dL}$  decreased slightly (7 fewer children) from 2006 to CY 2007. However, the number of children who were found to have blood lead levels of  $\geq 15$   $\mu\text{g}/\text{dL}$  increased (30 more children) from CY 2006 to CY 2007.

**Percent of children under 6 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2007**

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged Less Than Six Years with a Confirmed Lead Test																		
CY 2007 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		≥ 15 µg/dL		≥ 20 µg/dL		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<b>Connecticut</b>																		
CY 2002	69062	67329	96.4	999	1.4	381	0.5	333	0.5	20	0.0	1733	2.5			353	0.5	
CY 2003	66847	65402	97.8	878	1.3	295	0.4	252	0.4	20	0.0	1445	2.2			272	0.4	
CY 2004	67688	66216	97.8	891	1.3	293	0.4	270	0.4	18	0.0	1472	2.2			288	0.4	
CY 2005	68757	67494	98.2	821	1.2	230	0.3	198	0.3	14	0.0	1263	1.8			212	0.3	
CY 2006	68828	67746	98.4	667	1.0	200	0.3	194	0.3	21	0.0	1082	1.6	415	0.6	215	0.3	
<b>CY 2007</b>	<b>71627</b>	<b>70607</b>	<b>98.6</b>	<b>575</b>	<b>0.8</b>	<b>237</b>	<b>0.3</b>	<b>190</b>	<b>0.3</b>	<b>18</b>	<b>0.0</b>	<b>1020</b>	<b>1.4</b>	<b>445</b>	<b>0.6</b>	<b>208</b>	<b>0.3</b>	
<b>By-Town</b>																		
1	ANDOVER	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
2	ANSONIA	520	499	96.0	13	2.5	4	0.8	4	0.8	0	0.0	21	4.0	8	1.5	4	0.8
3	ASHFORD	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
4	AVON	168	168	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	27	26	96.3	1	3.7	0	0.0	0	0.0	0	0.0	1	3.7	0	0.0	0	0.0
6	BEACON FALLS	121	121	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	206	206	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
8	BETHANY	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
9	BETHEL	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
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	292	291	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
12	BOLTON	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
13	BOZRAH	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
14	BRANFORD	243	242	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
15	BRIDGEPORT	6131	5946	97.0	108	1.8	43	0.7	32	0.5	2	0.0	185	3.0	77	1.3	34	0.6
16	BRIDGEWATER	8	7	87.5	1	12.5	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0
17	BRISTOL	1100	1091	99.2	3	0.3	2	0.2	3	0.3	1	0.1	9	0.8	6	0.5	4	0.4
18	BROOKFIELD	213	213	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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
19	BROOKLYN	165	164	99.4	0	0.0	0	0.0	1	0.6	0	0.0	1	0.6	1	0.6	1	0.6
20	BURLINGTON	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
21	CANAAN	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
22	CANTERBURY	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
23	CANTON	117	116	99.1	0	0.0	1	0.9	0	0.0	0	0.0	1	0.9	1	0.9	0	0.0
24	CHAPLIN	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
25	CHESHIRE	343	341	99.4	1	0.3	1	0.3	0	0.0	0	0.0	2	0.6	1	0.3	0	0.0
26	CHESTER	63	62	98.4	1	1.6	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
27	CLINTON	206	204	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0	0	0.0
28	COLCHESTER	259	257	99.2	0	0.0	1	0.4	1	0.4	0	0.0	2	0.8	2	0.8	1	0.4
29	COLEBROOK	3	3	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	42	42	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	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
32	COVENTRY	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
33	CROMWELL	157	157	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	1667	1657	99.4	3	0.2	6	0.4	1	0.1	0	0.0	10	0.6	7	0.4	1	0.1
35	DARIEN	404	403	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
36	DEEP RIVER	97	96	99.0	1	1.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0
37	DERBY	337	328	97.3	5	1.5	2	0.6	2	0.6	0	0.0	9	2.7	4	1.2	2	0.6
38	DURHAM	86	86	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	42	42	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	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
41	EAST HAMPTON	146	146	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	1157	1148	99.2	6	0.5	3	0.3	0	0.0	0	0.0	9	0.8	3	0.3	0	0.0
43	EAST HAVEN	404	398	98.5	4	1.0	1	0.2	1	0.2	0	0.0	6	1.5	2	0.5	1	0.2
44	EAST LYME	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
45	EAST WINDSOR	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
46	EASTFORD	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

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			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
47	EASTON	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
48	ELLINGTON	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
49	ENFIELD	707	701	99.2	3	0.4	1	0.1	1	0.1	1	0.1	6	0.8	3	0.4	2	0.3
50	ESSEX	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
51	FAIRFIELD	1238	1235	99.8	1	0.1	2	0.2	0	0.0	0	0.0	3	0.2	2	0.2	0	0.0
52	FARMINGTON	244	244	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	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
54	GLASTONBURY	291	291	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	18	18	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
56	GRANBY	133	133	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	386	385	99.7	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	1	0.3	1	0.3
58	GRISWOLD	223	222	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	802	799	99.6	2	0.2	0	0.0	1	0.1	0	0.0	3	0.4	1	0.1	1	0.1
60	GUILFORD	192	191	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
61	HADDAM	106	106	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	1025	1019	99.4	5	0.5	1	0.1	0	0.0	0	0.0	6	0.6	1	0.1	0	0.0
63	HAMPTON	27	25	92.6	1	3.7	1	3.7	0	0.0	0	0.0	2	7.4	1	3.7	0	0.0
64	HARTFORD	5560	5440	97.8	73	1.3	25	0.4	19	0.3	3	0.1	120	2.2	47	0.8	22	0.4
65	HARTLAND	10	9	90.0	0	0.0	1	10.0	0	0.0	0	0.0	1	10.0	1	10.0	0	0.0
66	HARWINTON	41	41	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
67	HEBRON	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
68	KENT	34	34	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	509	505	99.2	2	0.4	0	0.0	1	0.2	1	0.2	4	0.8	2	0.4	2	0.4
70	KILLINGWORTH	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
71	LEBANON	88	87	98.9	0	0.0	0	0.0	1	1.1	0	0.0	1	1.1	1	1.1	1	1.1
72	LEDYARD	249	249	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	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
74	LITCHFIELD	65	63	96.9	0	0.0	1	1.5	1	1.5	0	0.0	2	3.1	2	3.1	1	1.5

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			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
75	LYME	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
76	MADISON	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
77	MANCHESTER	768	762	99.2	4	0.5	0	0.0	2	0.3	0	0.0	6	0.8	2	0.3	2	0.3
78	MANSFIELD	81	79	97.5	1	1.2	1	1.2	0	0.0	0	0.0	2	2.5	1	1.2	0	0.0
79	MARLBOROUGH	58	58	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
80	MERIDEN	2016	1963	97.4	30	1.5	14	0.7	7	0.3	2	0.1	53	2.6	23	1.1	9	0.4
81	MIDDLEBURY	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
82	MIDDLEFIELD	59	59	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	785	776	98.9	7	0.9	1	0.1	1	0.1	0	0.0	9	1.1	2	0.3	1	0.1
84	MILFORD	789	785	99.5	3	0.4	1	0.1	0	0.0	0	0.0	4	0.5	1	0.1	0	0.0
85	MONROE	322	321	99.7	0	0.0	1	0.3	0	0.0	0	0.0	1	0.3	1	0.3	0	0.0
86	MONTVILLE	299	296	99.0	1	0.3	2	0.7	0	0.0	0	0.0	3	1.0	2	0.7	0	0.0
87	MORRIS	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
88	NAUGATUCK	647	639	98.8	3	0.5	1	0.2	4	0.6	0	0.0	8	1.2	5	0.8	4	0.6
89	NEW BRITAIN	3032	2988	98.5	20	0.7	13	0.4	9	0.3	2	0.1	44	1.5	24	0.8	11	0.4
90	NEW CANAAN	350	350	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	209	209	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	68	67	98.5	1	1.5	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0
93	NEW HAVEN	4283	4081	95.3	103	2.4	59	1.4	38	0.9	2	0.0	202	4.7	99	2.3	40	0.9
94	NEW LONDON	661	646	97.7	10	1.5	1	0.2	4	0.6	0	0.0	15	2.3	5	0.8	4	0.6
95	NEW MILFORD	440	440	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
96	NEWINGTON	301	300	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
97	NEWTOWN	350	346	98.9	1	0.3	2	0.6	0	0.0	1	0.3	4	1.1	3	0.9	1	0.3
98	NORFOLK	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
99	NORTH BRANFORD	131	131	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
100	NORTH CANAAN	2	2	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	264	264	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	94	94	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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			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
103	NORWALK	2708	2688	99.3	13	0.5	1	0.0	5	0.2	1	0.0	20	0.7	7	0.3	6	0.2
104	NORWICH	951	931	97.9	9	0.9	3	0.3	8	0.8	0	0.0	20	2.1	11	1.2	8	0.8
105	OLD LYME	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
106	OLD SAYBROOK	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
107	ORANGE	175	173	98.9	0	0.0	2	1.1	0	0.0	0	0.0	2	1.1	2	1.1	0	0.0
108	OXFORD	224	223	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4	1	0.4
109	PLAINFIELD	408	404	99.0	4	1.0	0	0.0	0	0.0	0	0.0	4	1.0	0	0.0	0	0.0
110	PLAINVILLE	267	267	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	193	191	99.0	1	0.5	0	0.0	1	0.5	0	0.0	2	1.0	1	0.5	1	0.5
112	POMFRET	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
113	PORTLAND	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
114	PRESTON	71	71	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	156	156	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	236	235	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
117	REDDING	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
118	RIDGEFIELD	268	268	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	217	215	99.1	0	0.0	1	0.5	1	0.5	0	0.0	2	0.9	2	0.9	1	0.5
120	ROXBURY	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
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	4	4	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	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
124	SEYMOUR	332	328	98.8	3	0.9	0	0.0	1	0.3	0	0.0	4	1.2	1	0.3	1	0.3
125	SHARON	14	13	92.9	1	7.1	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0
126	SHELTON	639	638	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	41	41	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
128	SIMSBURY	231	230	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4	1	0.4
129	SOMERS	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
130	SOUTH WINDSOR	277	276	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0

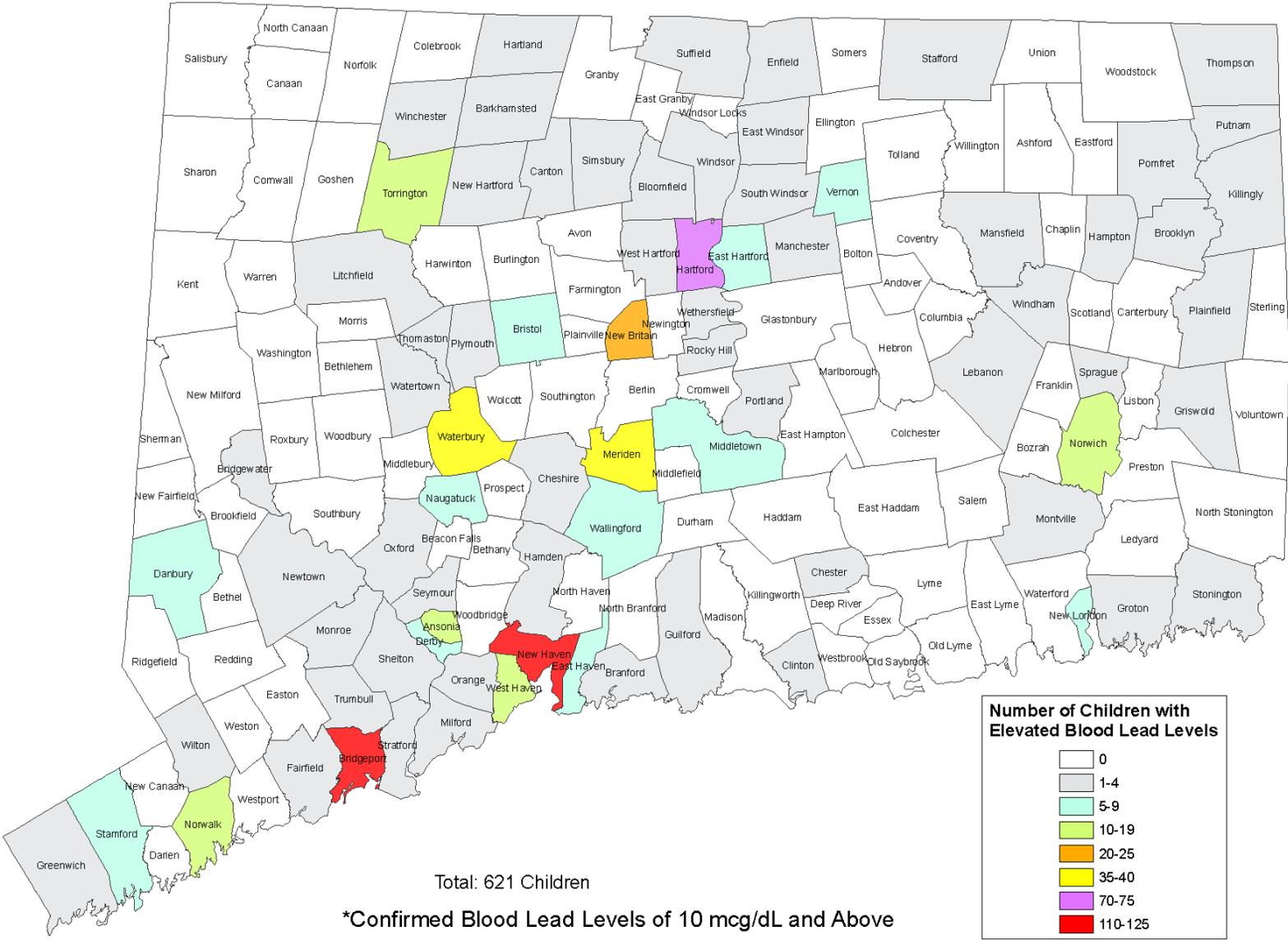
Numbers and Percents of Confirmed Blood Lead Levels  
among Children Aged Less Than Six Years with a Confirmed Lead Test

CY 2007 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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
131	SOUTHBURY	240	240	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	564	563	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	68	67	98.5	1	1.5	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0
134	STAFFORD	203	201	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0	0	0.0
135	STAMFORD	2993	2973	99.3	12	0.4	1	0.0	7	0.2	0	0.0	20	0.7	8	0.3	7	0.2
136	STERLING	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
137	STONINGTON	395	390	98.7	5	1.3	0	0.0	0	0.0	0	0.0	5	1.3	0	0.0	0	0.0
138	STRATFORD	1156	1150	99.5	3	0.3	2	0.2	1	0.1	0	0.0	6	0.5	3	0.3	1	0.1
139	SUFFIELD	180	178	98.9	1	0.6	1	0.6	0	0.0	0	0.0	2	1.1	1	0.6	0	0.0
140	THOMASTON	113	111	98.2	1	0.9	1	0.9	0	0.0	0	0.0	2	1.8	1	0.9	0	0.0
141	THOMPSON	138	137	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0
142	TOLLAND	182	181	99.5	0	0.0	1	0.5	0	0.0	0	0.0	1	0.5	1	0.5	0	0.0
143	TORRINGTON	304	284	93.4	10	3.3	5	1.6	5	1.6	0	0.0	20	6.6	10	3.3	5	1.6
144	TRUMBULL	621	619	99.7	2	0.3	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	0	0.0
145	UNION	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
146	VERNON	430	423	98.4	5	1.2	0	0.0	2	0.5	0	0.0	7	1.6	2	0.5	2	0.5
147	VOLUNTOWN	59	59	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	762	756	99.2	4	0.5	1	0.1	1	0.1	0	0.0	6	0.8	2	0.3	1	0.1
149	WARREN	18	18	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	30	30	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
151	WATERBURY	4204	4135	98.4	35	0.8	20	0.5	12	0.3	2	0.0	69	1.6	34	0.8	14	0.3
152	WATERFORD	185	185	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	333	331	99.4	1	0.3	0	0.0	1	0.3	0	0.0	2	0.6	1	0.3	1	0.3
154	WEST HARTFORD	784	783	99.9	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
155	WEST HAVEN	1174	1155	98.4	14	1.2	2	0.2	3	0.3	0	0.0	19	1.6	5	0.4	3	0.3
156	WESTBROOK	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
157	WESTON	200	200	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	572	572	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 2007 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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
159	WETHERSFIELD	276	274	99.3	0	0.0	1	0.4	1	0.4	0	0.0	2	0.7	2	0.7	1	0.4
160	WILLINGTON	49	49	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
161	WILTON	402	400	99.5	2	0.5	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0	0	0.0
162	WINCHESTER	69	67	97.1	2	2.9	0	0.0	0	0.0	0	0.0	2	2.9	0	0.0	0	0.0
163	WINDHAM	257	248	96.5	8	3.1	1	0.4	0	0.0	0	0.0	9	3.5	1	0.4	0	0.0
164	WINDSOR	383	379	99.0	1	0.3	0	0.0	3	0.8	0	0.0	4	1.0	3	0.8	3	0.8
165	WINDSOR LOCKS	141	141	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	246	245	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0
167	WOODBIDGE	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
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	141	140	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0

# 2007 Connecticut Children 1 and 2 Years Old Number of Children with Elevated Blood Lead Levels\* By Town



**Percent of children 1-2 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2007**

		Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test																
CY 2007 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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Connecticut</b>																		
	CY 2002	39984	39002	97.5	539	1.3	228	0.6	203	0.5	12	0.0	982	2.5			215	0.5
	CY 2003	38299	37480	97.9	476	1.2	159	0.4	171	0.4	13	0.0	819	2.1			184	0.5
	CY 2004	39344	38485	97.8	504	1.3	177	0.4	166	0.4	12	0.0	859	2.2			178	0.5
	CY 2005	42639	41870	98.2	477	1.1	151	0.4	133	0.3	8	0.0	769	1.8			141	0.3
	CY 2006	42901	42267	98.6	379	0.9	116	0.3	128	0.3	11	0.0	634	1.5	255	0.6	139	0.3
	<b>CY 2007</b>	<b>44777</b>	<b>44156</b>	<b>98.6</b>	<b>343</b>	<b>0.8</b>	<b>146</b>	<b>0.3</b>	<b>124</b>	<b>0.3</b>	<b>8</b>	<b>0.0</b>	<b>621</b>	<b>1.4</b>	<b>278</b>	<b>0.6</b>	<b>137</b>	<b>0.3</b>
<b>By-Town</b>																		
1	ANDOVER	30	30	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	302	289	95.7	9	3.0	3	1.0	1	0.3	0	0.0	13	4.3	4	1.3	1	0.3
3	ASHFORD	30	30	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	140	140	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	18	17	94.4	1	5.6	0	0.0	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0
6	BEACON FALLS	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
7	BERLIN	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
8	BETHANY	43	43	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	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
10	BETHLEHEM	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
11	BLOOMFIELD	173	172	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0
12	BOLTON	18	18	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	31	31	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	201	200	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
15	BRIDGEPORT	3193	3083	96.6	62	1.9	28	0.9	19	0.6	1	0.0	110	3.4	48	1.5	20	0.6
16	BRIDGEWATER	7	6	85.7	1	14.3	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0
17	BRISTOL	831	822	98.9	3	0.4	2	0.2	3	0.4	1	0.1	9	1.1	6	0.7	4	0.5
18	BROOKFIELD	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

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

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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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
19	BROOKLYN	105	104	99.0	0	0.0	0	0.0	1	1.0	0	0.0	1	1.0	1	1.0	1	1.0
20	BURLINGTON	69	69	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	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
22	CANTERBURY	54	54	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
23	CANTON	96	95	99.0	0	0.0	1	1.0	0	0.0	0	0.0	1	1.0	1	1.0	0	0.0
24	CHAPLIN	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
25	CHESHIRE	199	198	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
26	CHESTER	52	51	98.1	1	1.9	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	0	0.0
27	CLINTON	194	192	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0	0	0.0
28	COLCHESTER	206	206	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	2	2	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	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
31	CORNWALL	3	3	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	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
33	CROMWELL	91	91	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	1175	1166	99.2	2	0.2	6	0.5	1	0.1	0	0.0	9	0.8	7	0.6	1	0.1
35	DARIEN	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
36	DEEP RIVER	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
37	DERBY	204	198	97.1	3	1.5	2	1.0	1	0.5	0	0.0	6	2.9	3	1.5	1	0.5
38	DURHAM	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
39	EAST GRANBY	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
40	EAST HADDAM	72	72	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	94	94	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	716	711	99.3	4	0.6	1	0.1	0	0.0	0	0.0	5	0.7	1	0.1	0	0.0
43	EAST HAVEN	313	307	98.1	4	1.3	1	0.3	1	0.3	0	0.0	6	1.9	2	0.6	1	0.3
44	EAST LYME	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
45	EAST WINDSOR	74	73	98.6	0	0.0	0	0.0	1	1.4	0	0.0	1	1.4	1	1.4	1	1.4
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

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			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
47	EASTON	112	112	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	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
49	ENFIELD	396	392	99.0	1	0.3	1	0.3	1	0.3	1	0.3	4	1.0	3	0.8	2	0.5
50	ESSEX	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
51	FAIRFIELD	1018	1015	99.7	1	0.1	2	0.2	0	0.0	0	0.0	3	0.3	2	0.2	0	0.0
52	FARMINGTON	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
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	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
55	GOSHEN	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
56	GRANBY	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
57	GREENWICH	273	272	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4	1	0.4
58	GRISWOLD	160	159	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0
59	GROTON	561	559	99.6	1	0.2	0	0.0	1	0.2	0	0.0	2	0.4	1	0.2	1	0.2
60	GUILFORD	164	163	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0
61	HADDAM	64	64	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	790	786	99.5	3	0.4	1	0.1	0	0.0	0	0.0	4	0.5	1	0.1	0	0.0
63	HAMPTON	19	18	94.7	1	5.3	0	0.0	0	0.0	0	0.0	1	5.3	0	0.0	0	0.0
64	HARTFORD	3052	2980	97.6	42	1.4	14	0.5	14	0.5	2	0.1	72	2.4	30	1.0	16	0.5
65	HARTLAND	5	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	1	20.0	0	0.0
66	HARWINTON	32	32	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
67	HEBRON	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
68	KENT	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
69	KILLINGLY	315	314	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
70	KILLINGWORTH	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
71	LEBANON	76	75	98.7	0	0.0	0	0.0	1	1.3	0	0.0	1	1.3	1	1.3	1	1.3
72	LEDYARD	217	217	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	43	43	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
74	LITCHFIELD	47	46	97.9	0	0.0	1	2.1	0	0.0	0	0.0	1	2.1	1	2.1	0	0.0

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

CY 2007 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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
75	LYME	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
76	MADISON	163	163	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	480	476	99.2	3	0.6	0	0.0	1	0.2	0	0.0	4	0.8	1	0.2	1	0.2
78	MANSFIELD	44	43	97.7	0	0.0	1	2.3	0	0.0	0	0.0	1	2.3	1	2.3	0	0.0
79	MARLBOROUGH	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
80	MERIDEN	1195	1158	96.9	20	1.7	11	0.9	5	0.4	1	0.1	37	3.1	17	1.4	6	0.5
81	MIDDLEBURY	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
82	MIDDLEFIELD	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
83	MIDDLETOWN	453	448	98.9	4	0.9	0	0.0	1	0.2	0	0.0	5	1.1	1	0.2	1	0.2
84	MILFORD	656	654	99.7	2	0.3	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	0	0.0
85	MONROE	279	278	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0
86	MONTVILLE	235	234	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0
87	MORRIS	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
88	NAUGATUCK	431	426	98.8	2	0.5	1	0.2	2	0.5	0	0.0	5	1.2	3	0.7	2	0.5
89	NEW BRITAIN	1185	1161	98.0	11	0.9	8	0.7	4	0.3	1	0.1	24	2.0	13	1.1	5	0.4
90	NEW CANAAN	216	216	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	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
92	NEW HARTFORD	57	56	98.2	1	1.8	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0
93	NEW HAVEN	2710	2587	95.5	64	2.4	32	1.2	26	1.0	1	0.0	123	4.5	59	2.2	27	1.0
94	NEW LONDON	314	307	97.8	3	1.0	0	0.0	4	1.3	0	0.0	7	2.2	4	1.3	4	1.3
95	NEW MILFORD	345	345	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
96	NEWINGTON	128	128	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	267	265	99.3	0	0.0	2	0.7	0	0.0	0	0.0	2	0.7	2	0.7	0	0.0
98	NORFOLK	2	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
99	NORTH BRANFORD	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
100	NORTH CANAAN	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
101	NORTH HAVEN	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
102	NORTH STONINGTON	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

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

CY 2007 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		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
103	NORWALK	1710	1700	99.4	7	0.4	1	0.1	2	0.1	0	0.0	10	0.6	3	0.2	2	0.1
104	NORWICH	647	635	98.1	4	0.6	2	0.3	6	0.9	0	0.0	12	1.9	8	1.2	6	0.9
105	OLD LYME	111	111	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	132	132	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	154	153	99.4	0	0.0	1	0.6	0	0.0	0	0.0	1	0.6	1	0.6	0	0.0
108	OXFORD	160	159	99.4	0	0.0	0	0.0	1	0.6	0	0.0	1	0.6	1	0.6	1	0.6
109	PLAINFIELD	258	257	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
110	PLAINVILLE	153	153	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	117	116	99.1	0	0.0	0	0.0	1	0.9	0	0.0	1	0.9	1	0.9	1	0.9
112	POMFRET	51	50	98.0	1	2.0	0	0.0	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0
113	PORTLAND	67	66	98.5	1	1.5	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0
114	PRESTON	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
115	PROSPECT	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
116	PUTNAM	144	143	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0
117	REDDING	79	79	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	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
119	ROCKY HILL	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
120	ROXBURY	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
121	SALEM	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
122	SALISBURY	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
123	SCOTLAND	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
124	SEYMOUR	187	185	98.9	1	0.5	0	0.0	1	0.5	0	0.0	2	1.1	1	0.5	1	0.5
125	SHARON	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
126	SHELTON	475	474	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	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
128	SIMSBURY	162	161	99.4	0	0.0	0	0.0	1	0.6	0	0.0	1	0.6	1	0.6	1	0.6
129	SOMERS	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
130	SOUTH WINDSOR	182	181	99.5	0	0.0	1	0.5	0	0.0	0	0.0	1	0.5	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 2007 Data (1 to 2 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels																	
		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		≥ 15 µg/dL		≥ 20 µg/dL			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
131 SOUTHURY	198	198	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
132 SOUTHBURY	323	323	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
133 SPRAGUE	51	50	98.0	1	2.0	0	0.0	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0
134 STAFFORD	161	160	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0
135 STAMFORD	1838	1829	99.5	7	0.4	0	0.0	2	0.1	0	0.0	9	0.5	2	0.1	2	0.1	0	0.0
136 STERLING	58	58	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
137 STONINGTON	244	241	98.8	3	1.2	0	0.0	0	0.0	0	0.0	3	1.2	0	0.0	0	0.0	0	0.0
138 STRATFORD	759	755	99.5	3	0.4	0	0.0	1	0.1	0	0.0	4	0.5	1	0.1	1	0.1	0	0.0
139 SUFFIELD	101	100	99.0	1	1.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0
140 THOMASTON	79	78	98.7	0	0.0	1	1.3	0	0.0	0	0.0	1	1.3	1	1.3	0	0.0	0	0.0
141 THOMPSON	94	93	98.9	1	1.1	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0
142 TOLLAND	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	0	0.0
143 TORRINGTON	216	200	92.6	7	3.2	4	1.9	5	2.3	0	0.0	16	7.4	9	4.2	5	2.3	0	0.0
144 TRUMBULL	518	517	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
145 UNION	5	5	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
146 VERNON	251	246	98.0	3	1.2	0	0.0	2	0.8	0	0.0	5	2.0	2	0.8	2	0.8	0	0.0
147 VOLUNTOWN	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	0	0.0
148 WALLINGFORD	559	554	99.1	3	0.5	1	0.2	1	0.2	0	0.0	5	0.9	2	0.4	1	0.2	0	0.0
149 WARREN	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	0	0.0
150 WASHINGTON	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	0	0.0
151 WATERBURY	1974	1937	98.1	17	0.9	12	0.6	8	0.4	0	0.0	37	1.9	20	1.0	8	0.4	0	0.0
152 WATERFORD	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	0	0.0
153 WATERTOWN	213	212	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0
154 WEST HARTFORD	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	0	0.0
155 WEST HAVEN	831	817	98.3	12	1.4	1	0.1	1	0.1	0	0.0	14	1.7	2	0.2	1	0.1	0	0.0
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	0	0.0
157 WESTON	156	156	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
158 WESTPORT	446	446	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 One to Two Years with a Confirmed Lead Test

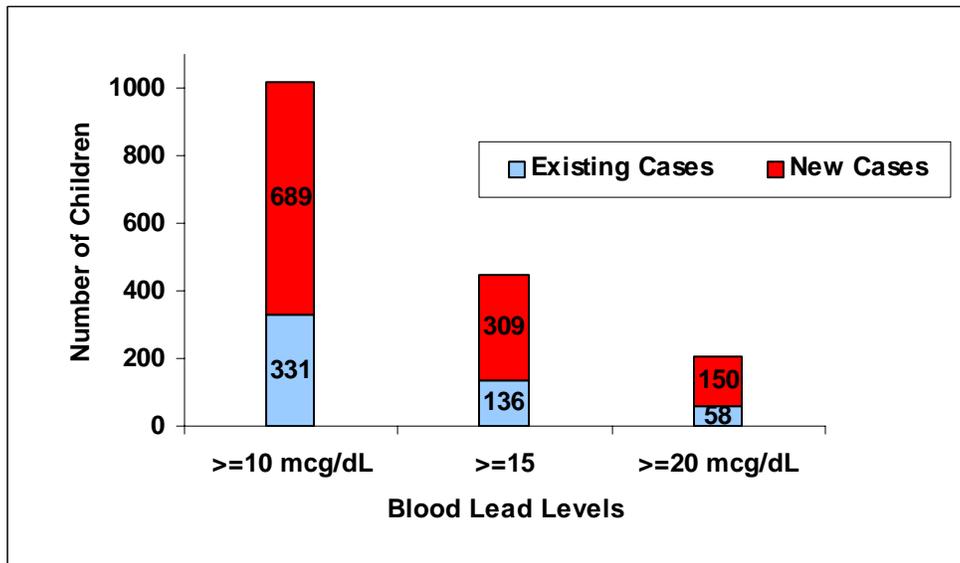
CY 2007 Data (1 to 2 years old)		Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics					
			0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL		≥ 15 µg/dL		≥ 20 µg/dL	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
159	WETHERSFIELD	154	152	98.7	0	0.0	1	0.6	1	0.6	0	0.0	2	1.3	2	1.3	1	0.6
160	WILLINGTON	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
161	WILTON	258	257	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0
162	WINCHESTER	48	46	95.8	2	4.2	0	0.0	0	0.0	0	0.0	2	4.2	0	0.0	0	0.0
163	WINDHAM	153	149	97.4	4	2.6	0	0.0	0	0.0	0	0.0	4	2.6	0	0.0	0	0.0
164	WINDSOR	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
165	WINDSOR LOCKS	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
166	WOLCOTT	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
167	WOODBIDGE	73	73	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	94	94	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	71	71	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 2007 compared to all children under 6 years of age who were screened for lead in 2007 and had not had a result of  $\geq 10$   $\mu\text{g}/\text{dL}$  prior to 2007.

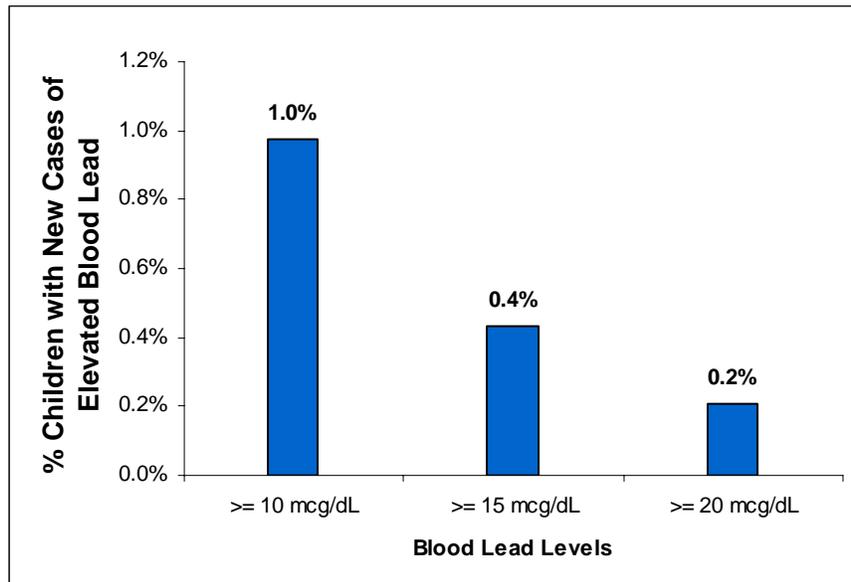
**Incidence of Significant Elevated Blood Lead Levels** – Incidence of significant elevated blood lead levels (i.e., new cases of significant elevated blood lead) is defined as the proportion of children under 6 years of age who had a confirmed lead test of  $\geq 20$   $\mu\text{g}/\text{dL}$  for the first time in 2007 compared to all children under 6 years of age who were screened for lead in 2007 and had not had a result of  $\geq 20$   $\mu\text{g}/\text{dL}$  prior to 2007. As discussed previously, per Connecticut General Statutes, significant elevated blood lead levels require an epidemiological investigation including the inspection of residences for lead hazards by local health departments.

## Number of existing and new cases of elevated blood lead among children under 6 years of age, by blood lead levels – Connecticut CY 2007



Of the 1,020 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2007, 689 were new cases. Of the 445 children who were found to have blood lead levels  $\geq 15$   $\mu\text{g}/\text{dL}$  in 2007, 309 were new cases. Of the 208 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2007, 150 were new cases of significant elevated blood lead.

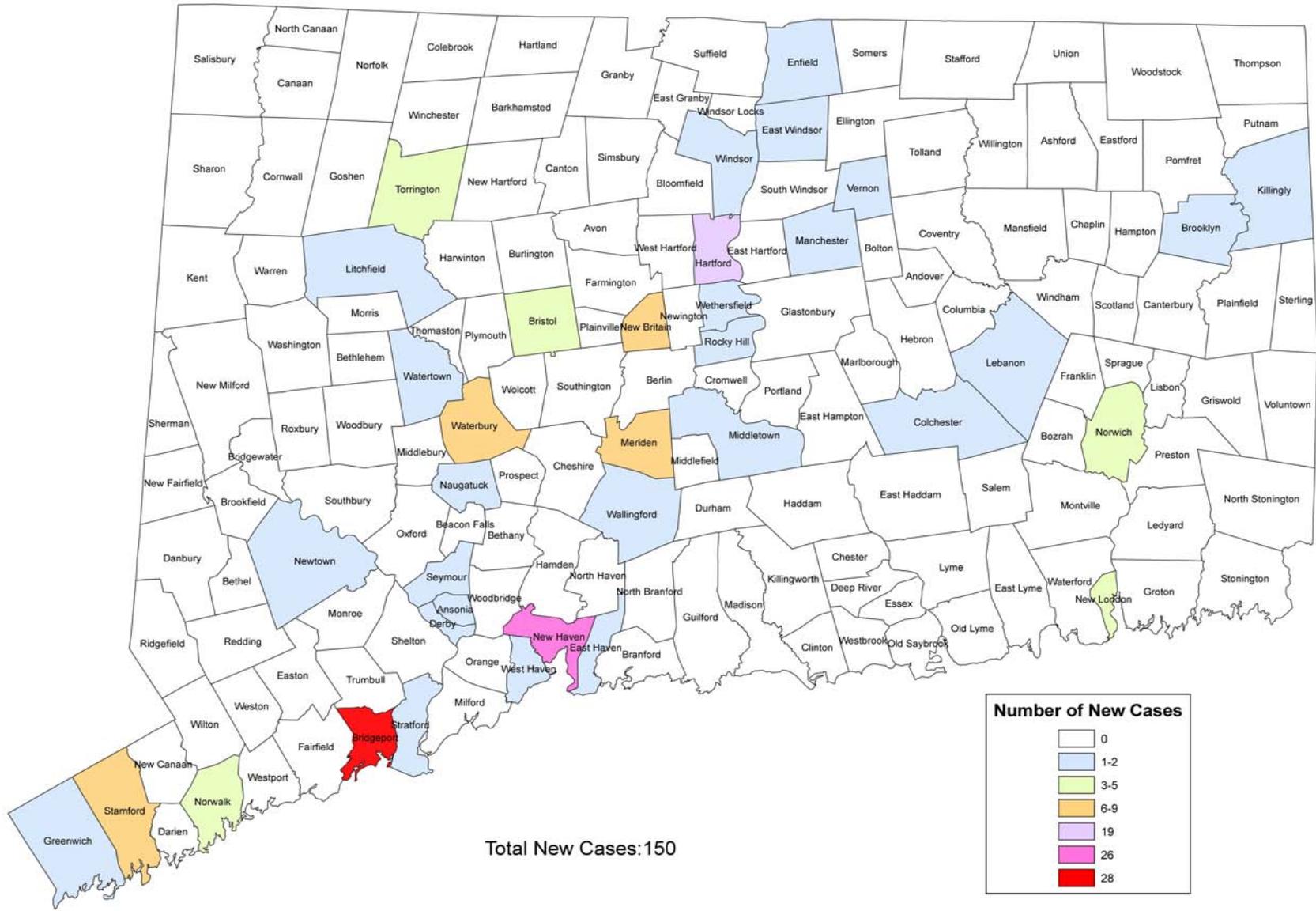
**Incidence of elevated blood lead among children under 6 years of age, by blood lead levels – Connecticut CY 2007**



Among children who had a blood lead screening in 2007 and had not had a result of  $\geq 10 \mu\text{g/dL}$  blood lead levels before 2007, 689 (1.0%) children had confirmed elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  for the first time in 2007. Among children who had a blood lead screening in 2007 and had not had a result of  $\geq 15 \mu\text{g/dL}$  blood lead levels before 2007, 309 (0.4%) children had confirmed elevated blood lead levels of  $\geq 15 \mu\text{g/dL}$  for the first time in 2007. Among children who had a blood lead screening in 2007 and had not had a result of  $\geq 20 \mu\text{g/dL}$  blood lead levels before 2007, 150 (0.2%) children had confirmed significant elevated blood lead levels of  $\geq 20 \mu\text{g/dL}$  for the first time in 2007.



## 2007 Connecticut Children Under 6 Years Old By Town Number of New Cases 20 mcg/dL and Above



**Incidence of elevated blood lead, by town and by blood lead levels – Connecticut CY 2007**

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2007 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 ≥ 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>689</b>	<b>70493</b>	<b>1.0</b>	<b>150</b>	<b>71298</b>	<b>0.2</b>
<b>By-Town</b>						
1 ANDOVER	0	37	0.0	0	37	0.0
2 ANSONIA	14	496	2.8	2	513	0.4
3 ASHFORD	0	52	0.0	0	53	0.0
4 AVON	0	168	0.0	0	168	0.0
5 BARKHAMSTED	1	27	3.7	0	27	0.0
6 BEACON FALLS	0	121	0.0	0	121	0.0
7 BERLIN	0	205	0.0	0	206	0.0
8 BETHANY	0	60	0.0	0	60	0.0
9 BETHEL	0	312	0.0	0	313	0.0
10 BETHLEHEM	0	27	0.0	0	27	0.0
11 BLOOMFIELD	1	288	0.3	0	291	0.0
12 BOLTON	0	29	0.0	0	29	0.0
13 BOZRAH	0	37	0.0	0	37	0.0
14 BRANFORD	0	241	0.0	0	242	0.0
15 BRIDGEPORT	121	5894	2.1	28	6064	0.5
16 BRIDGEWATER	0	7	0.0	0	7	0.0
17 BRISTOL	7	1091	0.6	4	1099	0.4
18 BROOKFIELD	0	213	0.0	0	213	0.0
19 BROOKLYN	1	164	0.6	1	165	0.6
20 BURLINGTON	0	92	0.0	0	92	0.0
21 CANAAN	0	12	0.0	0	12	0.0
22 CANTERBURY	0	85	0.0	0	85	0.0
23 CANTON	0	116	0.0	0	117	0.0
24 CHAPLIN	0	8	0.0	0	8	0.0
25 CHESHIRE	2	343	0.6	0	343	0.0
26 CHESTER	0	60	0.0	0	62	0.0
27 CLINTON	2	206	1.0	0	206	0.0
28 COLCHESTER	1	258	0.4	1	259	0.4
29 COLEBROOK	0	3	0.0	0	3	0.0
30 COLUMBIA	0	41	0.0	0	42	0.0
31 CORNWALL	0	6	0.0	0	6	0.0
32 COVENTRY	0	116	0.0	0	116	0.0

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2007 Data	Number of Children	Total # Children		Number of Children	Total # Children	
	with BLL	Screened with No	≥ 10 µg/dL	with BLL	Screened with No	≥ 20 µg/dL
	≥ 10 µg/dL	Previous BLL of	Incidence	≥ 20 µg/dL	Previous BLL of	Incidence
For the First Time	≥ 10 µg/dL	(%)	For the First Time	≥ 20 µg/dL	(%)	
33CROMWELL	0	157	0.0	0	157	0.0
34DANBURY	8	1658	0.5	0	1665	0.0
35DARIEN	1	403	0.2	0	404	0.0
36DEEP RIVER	0	95	0.0	0	97	0.0
37DERBY	7	332	2.1	1	335	0.3
38DURHAM	0	85	0.0	0	86	0.0
39EAST GRANBY	0	42	0.0	0	42	0.0
40EAST HADDAM	0	104	0.0	0	104	0.0
41EAST HAMPTON	0	146	0.0	0	146	0.0
42EAST HARTFORD	3	1135	0.3	0	1151	0.0
43EAST HAVEN	6	403	1.5	1	404	0.2
44EAST LYME	0	230	0.0	0	230	0.0
45EAST WINDSOR	1	148	0.7	1	149	0.7
46EASTFORD	0	27	0.0	0	27	0.0
47EASTON	0	137	0.0	0	137	0.0
48ELLINGTON	0	210	0.0	0	211	0.0
49ENFIELD	4	696	0.6	1	703	0.1
50ESSEX	0	104	0.0	0	104	0.0
51FAIRFIELD	3	1237	0.2	0	1238	0.0
52FARMINGTON	0	243	0.0	0	244	0.0
53FRANKLIN	0	29	0.0	0	29	0.0
54GLASTONBURY	0	289	0.0	0	291	0.0
55GOSHEN	0	18	0.0	0	18	0.0
56GRANBY	0	133	0.0	0	133	0.0
57GREENWICH	1	385	0.3	1	386	0.3
58GRISWOLD	1	223	0.4	0	223	0.0
59GROTON	1	798	0.1	0	801	0.0
60GUILFORD	1	191	0.5	0	192	0.0
61HADDAM	0	105	0.0	0	106	0.0
62HAMDEN	3	1015	0.3	0	1022	0.0
63HAMPTON	2	27	7.4	0	27	0.0
64HARTFORD	90	5421	1.7	19	5524	0.3
65HARTLAND	1	9	11.1	0	10	0.0
66HARWINTON	0	41	0.0	0	41	0.0
67HEBRON	0	96	0.0	0	96	0.0
68KENT	0	34	0.0	0	34	0.0
69KILLINGLY	3	504	0.6	2	508	0.4
70KILLINGWORTH	0	90	0.0	0	90	0.0

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2007 Data	Number of Children	Total # Children		Number of Children	Total # Children	
	with BLL	Screened with No	≥ 10 µg/dL	with BLL	Screened with No	≥ 20 µg/dL
	≥ 10 µg/dL	Previous BLL of	Incidence	≥ 20 µg/dL	Previous BLL of	Incidence
	For the First Time	≥ 10 µg/dL	(%)	For the First Time	≥ 20 µg/dL	(%)
71LEBANON	1	88	1.1	1	88	1.1
72LEDYARD	0	249	0.0	0	249	0.0
73LISBON	0	60	0.0	0	61	0.0
74LITCHFIELD	2	64	3.1	1	64	1.6
75LYME	0	15	0.0	0	15	0.0
76MADISON	0	174	0.0	0	177	0.0
77MANCHESTER	4	761	0.5	1	764	0.1
78MANSFIELD	2	81	2.5	0	81	0.0
79MARLBOROUGH	0	58	0.0	0	58	0.0
80MERIDEN	36	1971	1.8	6	2005	0.3
81MIDDLEBURY	0	106	0.0	0	106	0.0
82MIDDLEFIELD	0	59	0.0	0	59	0.0
83MIDDLETOWN	5	778	0.6	1	781	0.1
84MILFORD	4	789	0.5	0	789	0.0
85MONROE	0	319	0.0	0	322	0.0
86MONTVILLE	0	295	0.0	0	297	0.0
87MORRIS	0	14	0.0	0	15	0.0
88NAUGATUCK	3	638	0.5	2	642	0.3
89NEW BRITAIN	27	2970	0.9	7	3014	0.2
90NEW CANAAN	0	349	0.0	0	349	0.0
91NEW FAIRFIELD	0	209	0.0	0	209	0.0
92NEW HARTFORD	1	65	1.5	0	67	0.0
93NEW HAVEN	129	4076	3.2	26	4220	0.6
94NEW LONDON	13	650	2.0	4	658	0.6
95NEW MILFORD	0	439	0.0	0	439	0.0
96NEWINGTON	0	299	0.0	0	301	0.0
97NEWTOWN	4	350	1.1	1	350	0.3
98NORFOLK	0	4	0.0	0	4	0.0
99NORTH BRANFORD	0	131	0.0	0	131	0.0
100NORTH CANAAN	0	2	0.0	0	2	0.0
101NORTH HAVEN	0	264	0.0	0	264	0.0
102NORTH STONINGTON	0	94	0.0	0	94	0.0
103NORWALK	15	2692	0.6	3	2700	0.1
104NORWICH	14	926	1.5	5	945	0.5
105OLD LYME	0	122	0.0	0	122	0.0
106OLD SAYBROOK	0	144	0.0	0	144	0.0
107ORANGE	2	175	1.1	0	175	0.0
108OXFORD	0	222	0.0	0	222	0.0

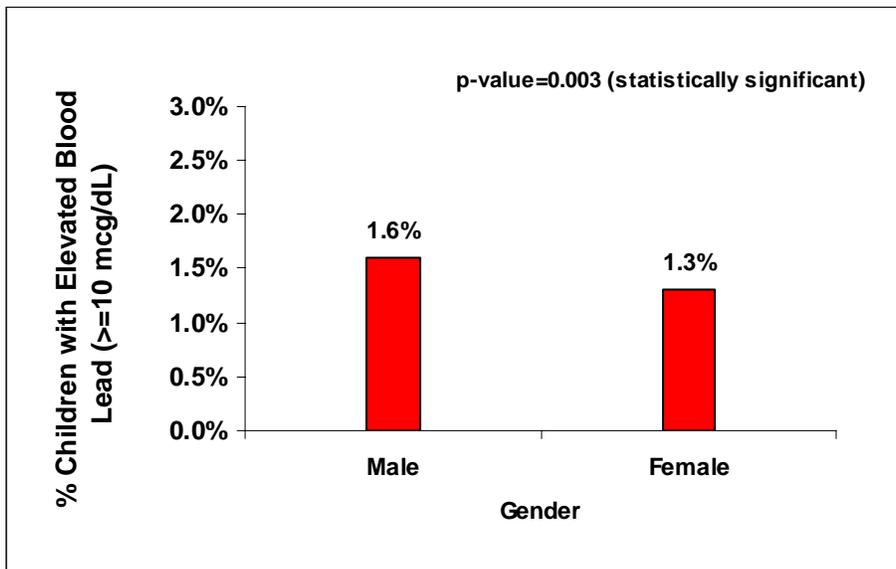
Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2007 Data	Number of Children	Total # Children		Number of Children	Total # Children	
	with BLL	Screened with No	≥ 10 µg/dL	with BLL	Screened with No	≥ 20 µg/dL
	≥ 10 µg/dL	Previous BLL of	Incidence	≥ 20 µg/dL	Previous BLL of	Incidence
For the First Time	≥ 10 µg/dL	(%)	For the First Time	≥ 20 µg/dL	(%)	
109 PLAINFIELD	3	405	0.7	0	405	0.0
110 PLAINVILLE	0	266	0.0	0	267	0.0
111 PLYMOUTH	1	191	0.5	0	191	0.0
112 POMFRET	1	79	1.3	0	80	0.0
113 PORTLAND	1	107	0.9	0	107	0.0
114 PRESTON	0	71	0.0	0	71	0.0
115 PROSPECT	0	153	0.0	0	156	0.0
116 PUTNAM	0	234	0.0	0	236	0.0
117 REDDING	0	114	0.0	0	114	0.0
118 RIDGEFIELD	0	268	0.0	0	268	0.0
119 ROCKY HILL	0	214	0.0	1	216	0.5
120 ROXBURY	0	29	0.0	0	29	0.0
121 SALEM	0	63	0.0	0	63	0.0
122 SALISBURY	0	4	0.0	0	4	0.0
123 SCOTLAND	0	10	0.0	0	10	0.0
124 SEYMOUR	1	326	0.3	1	330	0.3
125 SHARON	0	13	0.0	0	13	0.0
126 SHELTON	1	636	0.2	0	638	0.0
127 SHERMAN	0	41	0.0	0	41	0.0
128 SIMSBURY	0	229	0.0	0	230	0.0
129 SOMERS	0	124	0.0	0	124	0.0
130 SOUTH WINDSOR	1	277	0.4	0	277	0.0
131 SOUTH BURY	0	240	0.0	0	240	0.0
132 SOUTHWINGTON	1	562	0.2	0	563	0.0
133 SPRAGUE	1	68	1.5	0	68	0.0
134 STAFFORD	1	202	0.5	0	203	0.0
135 STAMFORD	16	2975	0.5	6	2991	0.2
136 STERLING	1	106	0.9	0	107	0.0
137 STONINGTON	3	390	0.8	0	394	0.0
138 STRATFORD	4	1140	0.4	1	1151	0.1
139 SUFFIELD	2	179	1.1	0	180	0.0
140 THOMASTON	2	113	1.8	0	113	0.0
141 THOMPSON	0	137	0.0	0	138	0.0
142 TOLLAND	1	182	0.5	0	182	0.0
143 TORRINGTON	16	294	5.4	5	300	1.7
144 TRUMBULL	2	620	0.3	0	621	0.0
145 UNION	0	6	0.0	0	6	0.0
146 VERNON	7	426	1.6	2	429	0.5

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2007 Data	Number of Children	Total # Children		Number of Children	Total # Children	
	with BLL ≥ 10 µg/dL For the First Time	Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	with BLL ≥ 20 µg/dL For the First Time	Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
147VOLUNTOWN	0	59	0.0	0	59	0.0
148WALLINGFORD	5	760	0.7	1	762	0.1
149WARREN	0	18	0.0	0	18	0.0
150WASHINGTON	0	30	0.0	0	30	0.0
151WATERBURY	40	4121	1.0	9	4178	0.2
152WATERFORD	0	185	0.0	0	185	0.0
153WATERTOWN	2	332	0.6	1	333	0.3
154WEST HARTFORD	0	780	0.0	0	782	0.0
155WEST HAVEN	13	1155	1.1	1	1169	0.1
156WESTBROOK	0	101	0.0	0	102	0.0
157WESTON	0	199	0.0	0	200	0.0
158WESTPORT	0	572	0.0	0	572	0.0
159WETHERSFIELD	2	272	0.7	1	275	0.4
160WILLINGTON	0	49	0.0	0	49	0.0
161WILTON	2	401	0.5	0	402	0.0
162WINCHESTER	2	68	2.9	0	68	0.0
163WINDHAM	8	254	3.1	0	257	0.0
164WINDSOR	1	378	0.3	1	380	0.3
165WINDSOR LOCKS	0	141	0.0	0	141	0.0
166WOLCOTT	0	245	0.0	0	245	0.0
167WOODBIDGE	0	100	0.0	0	101	0.0
168WOODBURY	0	122	0.0	0	122	0.0
169WOODSTOCK	0	140	0.0	0	141	0.0

# DEMOGRAPHIC CHARACTERISTICS ASSOCIATED WITH ELEVATED BLOOD LEAD LEVELS

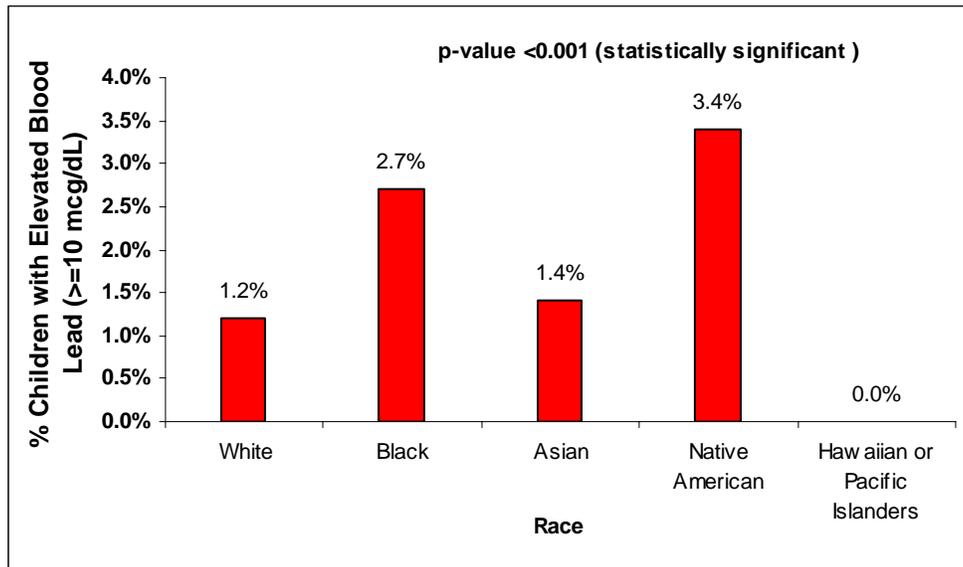
Children who were tested with a blood lead level of  $\geq 10 \mu\text{g/dL}$  are considered to have elevated blood lead. The following figures portray the association between certain demographic characteristics (e.g., gender, race, and ethnicity) and elevated blood lead levels.

**Percent of children under 6 years of age with elevated blood lead, by gender – Connecticut CY 2007**



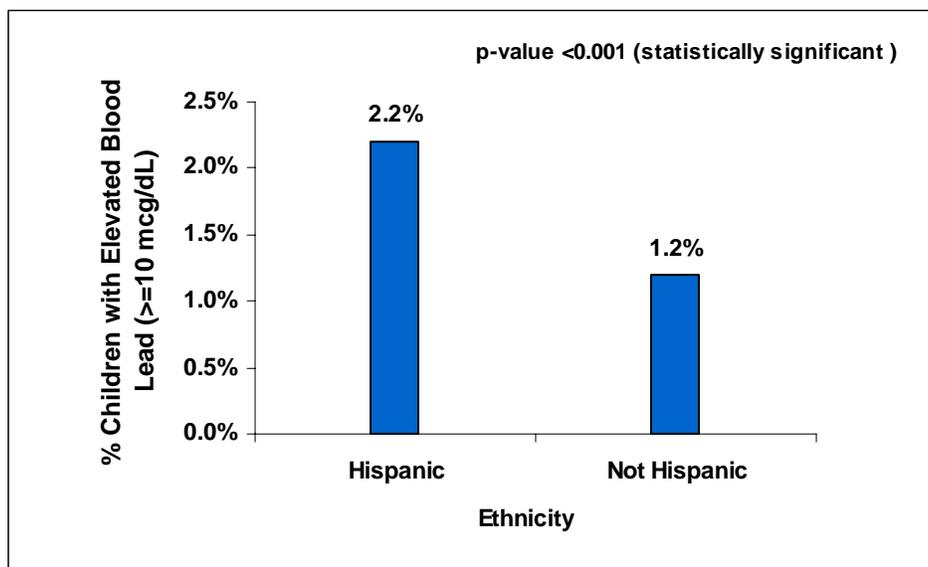
Among children under 6 years of age who had a confirmed blood lead screening in 2007, males (1.6%) were more likely to have elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  than females (1.3%).

**Percent of children under 6 years of age with elevated blood lead, by race – Connecticut CY 2007**



Among children under 6 years of age who had a confirmed blood lead test in 2007, Blacks (2.7%) or Native Americans (3.4%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g/dL}$  than Whites (1.2%) or Asians (1.4%).

**Percent of children under 6 years of age with elevated blood lead, by ethnicity – Connecticut CY 2007**



Among children under 6 years of age who had a confirmed blood lead test in 2007, Hispanics (2.2%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g/dL}$  than Non-Hispanics (1.2%).

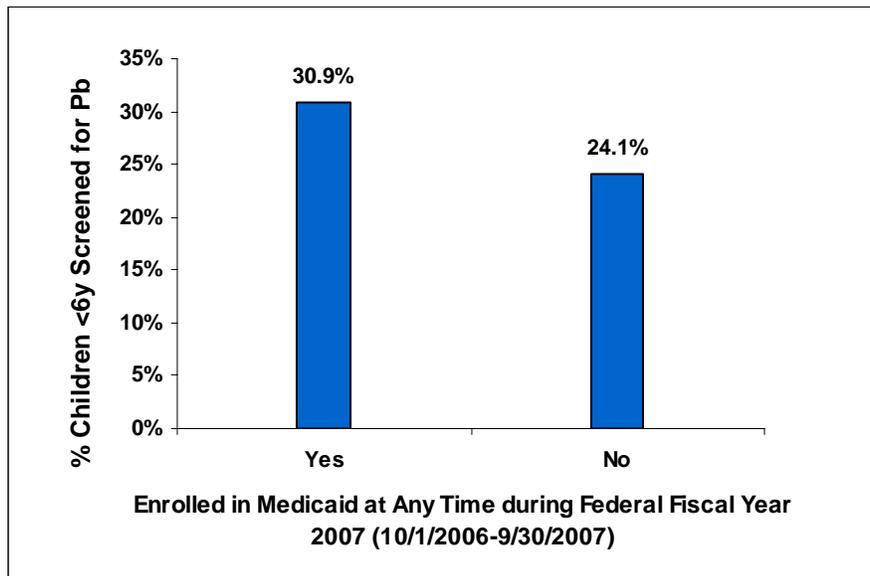
# MEDICAID VS. NON-MEDICAID

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 on an annual basis, DSS provides the LPPCP with a list of children aged 6 years or less who are enrolled in Medicaid HUSKY A at some 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 2007. In the FFY 2006 Medicaid enrollment data, 102,154 children under 6 years of age were enrolled in Medicaid HUSKY A at some time during FFY2007 (10/1/2006 to 9/30/2007). According to 2000 U.S. Census data, there were 270,187 children under 6 years of age in Connecticut. Therefore, it was estimated that approximately 168,033 children were not enrolled in Medicaid HUSKY A at any time during federal fiscal year 2007. The following figures portray the association between Medicaid enrollment and lead screening and elevated blood lead levels.

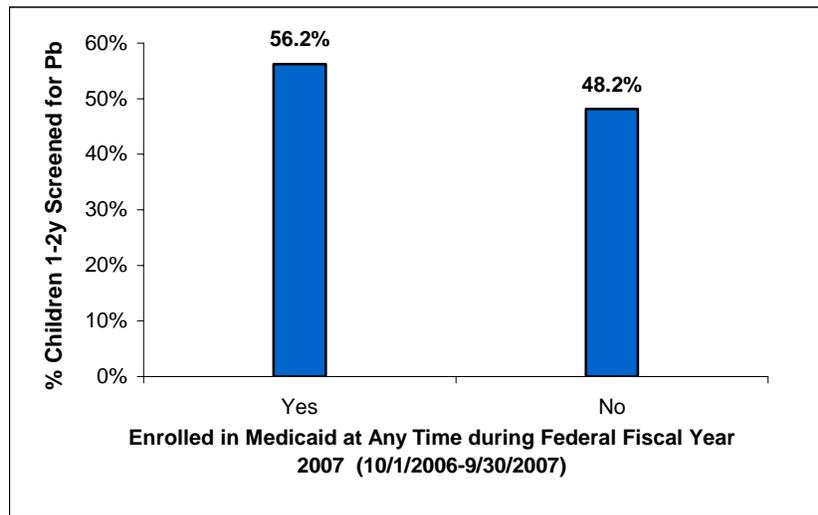
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## Percent of children under 6 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2007



In CY 2007, 30.9% of children under 6 years of age who were enrolled in Medicaid at any time during FFY 2007 (10/1/2006 to 9/30/2007) had a lead screening, while 24.1% of children under 6 years of age who were not enrolled in Medicaid at any time during FFY 2007 had a lead screening.

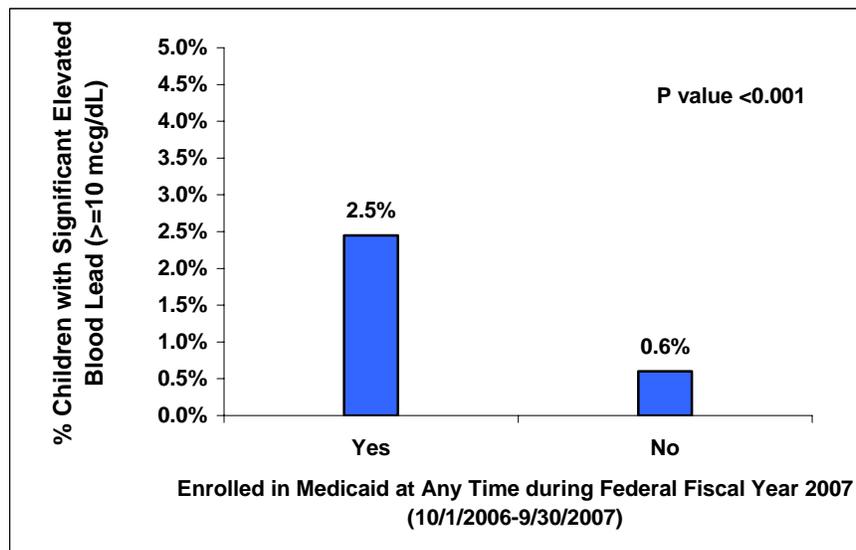
### Percent of children 1-2 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2007



In CY 2007, 56.2% of children 1-2 years of age who were enrolled in Medicaid at any time during FFY 2007 (10/1/2006 to 9/30/2007) had a lead screening, while 48.2% of children 1-2 years of age who were not enrolled in Medicaid at any time during FFY 2007 had a lead screening.

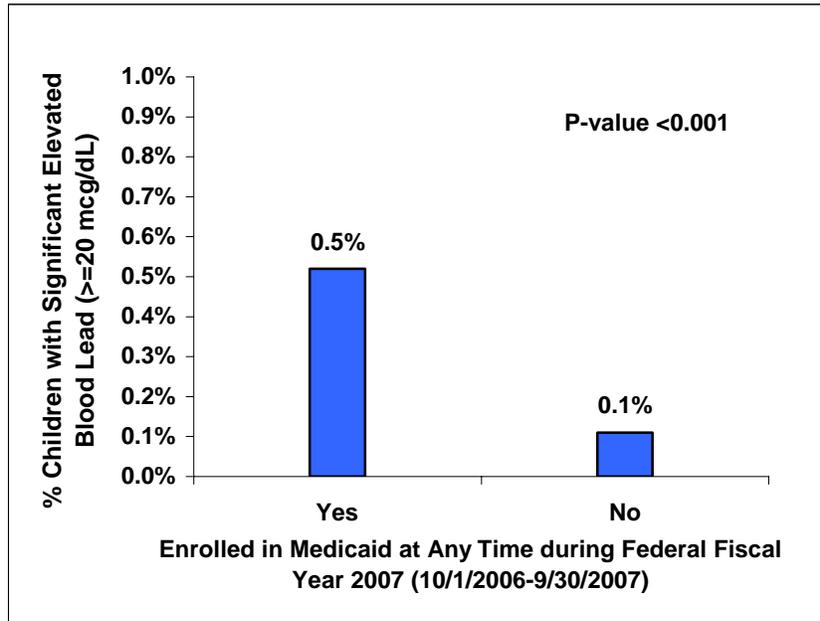
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### Percent of children under 6 years of age with elevated blood lead ( $\geq 10 \mu\text{g/dL}$ ), by Medicaid enrollment – Connecticut CY 2007



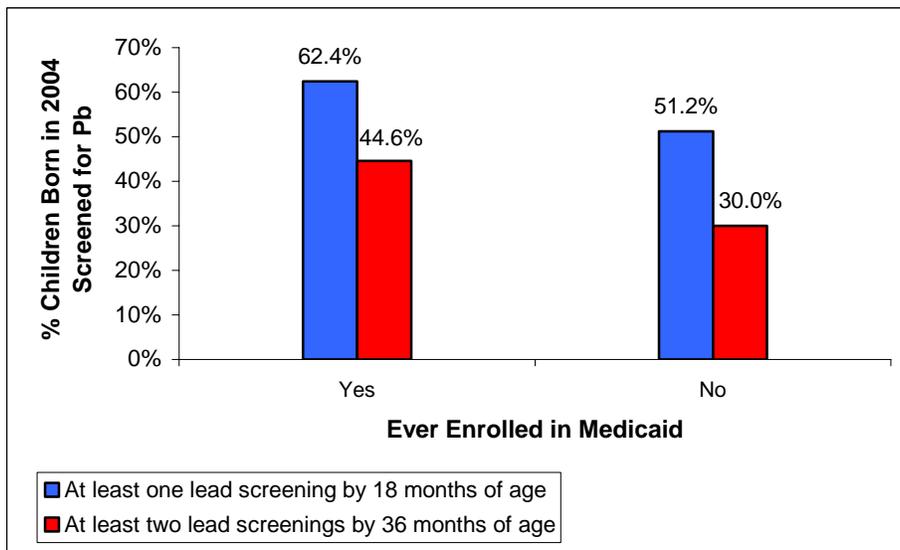
Among children under 6 years of age who had a confirmed blood lead test in CY 2007, those who were enrolled in Medicaid (2.5%) at any time during FFY 2007 (10/1/2006 to 9/30/2007) were more likely to have elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  than those who were not enrolled in Medicaid (0.6%) at any time during FFY2007.

**Percent of children under 6 years of age with significant elevated blood lead ( $\geq 20$   $\mu\text{g/dL}$ ), by Medicaid enrollment – Connecticut CY 2007**



Among children under 6 years of age who had a confirmed blood lead test in CY 2007, those who were enrolled in Medicaid (0.5%) at any during FFY 2007 (10/1/2006 to 9/30/2007) 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 (0.1%) at any time during FFY 2007.

**Percent of children born in year 2004 who have had at least one/two screening(s) by 18/36 months of age, by Medicaid enrollment**



For children born in 2004, 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 (62.4% vs. 51.2%) and two lead screenings by 36 months (44.6% vs. 30.0%).

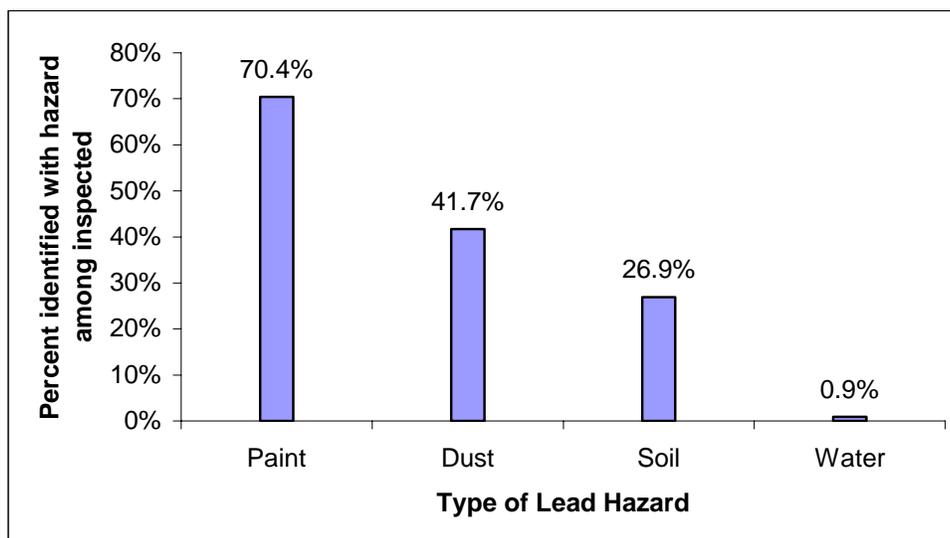
# ENVIRONMENTAL INVESTIGATIONS FOR EBLL CHILDREN

Per Connecticut General Statutes, local health departments are required to conduct an epidemiological investigation and lead hazard inspection of the dwelling unit for a child newly identified with a blood lead level  $\geq 20\mu\text{g/dL}$ . 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 unit, multiple investigations are conducted for all the dwelling units where the EBLL child resides. In 2007, 150 environmental cases were opened for children who had a confirmed blood lead level  $20\mu\text{g/dL}$  and above.

Among the 150 environmental cases opened in 2007, 133 (88.7%) housing dwellings were inspected for lead hazard. Of the 133 housing dwelling units that were inspected, 108 complete inspection reports including 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 these 108 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. Of the 108 dwelling units, 77 (71.3%) were identified with a lead hazard; 31 (28.7%) were identified without a lead hazard in the dwelling unit. Findings of the investigations are portrayed as follows--

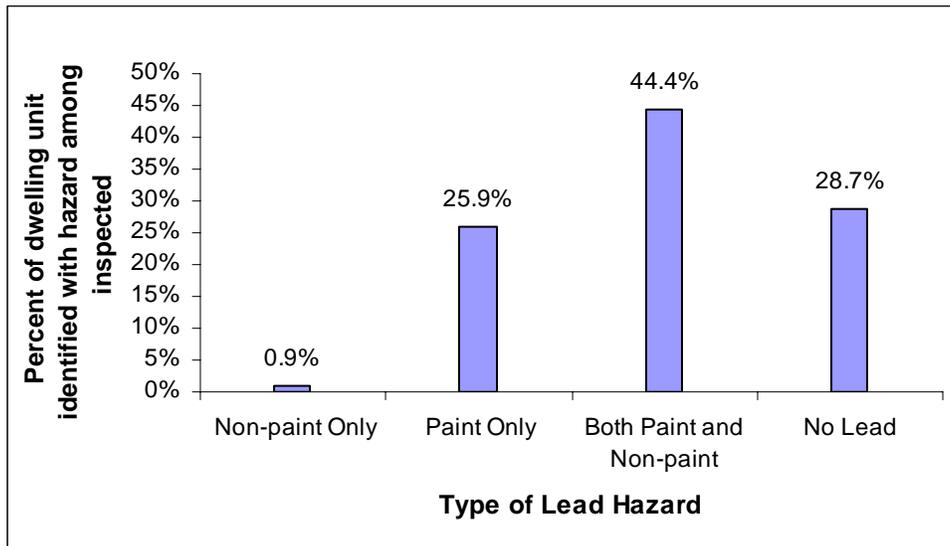
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## Percent of environmental lead hazard identified by source- Connecticut CY 2007



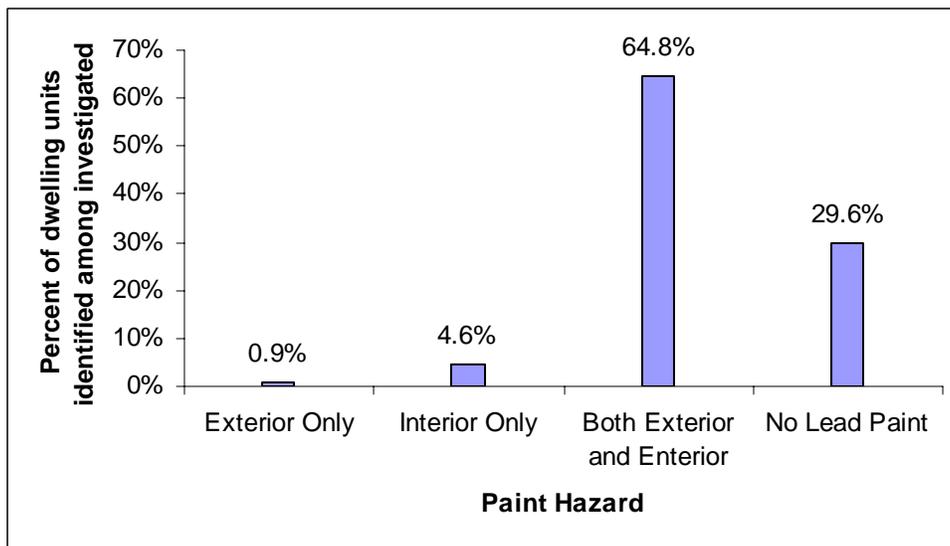
Of the 108 dwelling units investigated and reported with complete inspection results, a total of 76 (70.4%) units were identified with a paint hazard, 45 (41.7%) units were identified with a dust lead hazard, 29 (26.9%) units were identified with a soil hazard, and 1 (0.9%) with a drinking water hazard.

**Percent of environmental lead hazard related to paint or non-paint - Connecticut CY 2007**



Of the 108 dwelling units for which investigations were completed, 25.9% of dwelling units were identified with paint hazards only, 44.4% of dwelling units were identified with both paint and non-paint hazards, 0.9% were identified with non-paint hazards only, and 28.7% were not identified with any environmental lead hazard.

**Percent of paint hazard by location in dwelling - Connecticut CY 2007**



Of the 108 dwelling units inspected, 0.9% dwelling units were identified with lead paint hazards on the exterior only, 4.6% were identified with lead paint hazards on the interior only, 64.8% were identified with lead paint hazards on both the exterior and interior, and 29.6% were identified with no lead paint hazards.

## **Reported Abatement and Management Activities**

Of the 108 dwelling units inspected and with complete inspection results submitted to LPPCP, 60 (55.6%) were identified as requiring abatement of lead hazards and 46 (42.3%) dwelling units as requiring a post abatement management plan. As of November 2008, among the dwelling units for which abatement of lead hazards was required, the abatement was completed in 20 (33.3%) dwelling units as of November 2008.



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.

