



Keeping Connecticut Healthy

**CONNECTICUT DEPARTMENT OF PUBLIC HEALTH**

# Childhood Lead Poisoning in Connecticut

## *CY 2005 Surveillance Report*



# Childhood Lead Poisoning in Connecticut *CY 2005 Surveillance Report*

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Connecticut Department of Public Health

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## KEY FINDINGS

- **Statewide Screening:** In CY 2005, 69,263 (25.6%) CT children from birth to six years of age and 42,954 (48.8%) 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 2005, 1263 (1.8%) and 212 (0.3%) children were found to have blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  and  $\geq 20$   $\mu\text{g}/\text{dL}$ , respectively.
- **Incidence of EBLLs:** Of the 1263 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2005, 829 were new cases. Of the 212 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2005, 157 were new cases.
- **Race and Ethnicity Associated with EBLLs:** Among children under 6 years of age who had a confirmed blood lead test in 2005, Blacks (4.0%) or Native Americans (3.0%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Whites (1.4%) or Asians (0.8%); Hispanics (2.5%) were more likely to have EBLLs of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Non-Hispanics (1.5%). There was no significant difference in the prevalence of EBLLs between males and females (1.9% and 1.8% respectively).
- **Screening among Children enrolled in Medicaid during FFY 2005:** In CY 2005, 35.3% of children under 6 years of age who were enrolled in Medicaid at some time during federal fiscal year 2005 (10/1/2004 to 9/30/2005) had a lead screening. Only 21.0% of children under 6 years of age who were not enrolled in Medicaid at any time during federal fiscal year 2005 had a lead screening.
- **Screening Compliance by Medicaid Status:** For children born in 2002, 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 (54.0% vs. 44.9%) and two lead screenings by 36 months (38.5% vs. 24.6%).
- **Elevated Blood Lead Level by Medicaid Status:** Among children under 6 years of age who had a confirmed blood lead test in 2005, 3.2% of those who were enrolled in Medicaid at any time during federal fiscal year 2005 (10/1/2004 to 9/30/2005) had elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  while only 0.8% of those who were not enrolled in Medicaid had elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$ .

# UNDERSTANDING THE LEAD DATA

The CT Department of Public Health has maintained a blood lead surveillance system since 1994. At the end of 2004, CT 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 CT 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) 2005 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 and CY 2005 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, you will find the 2002 and 2003 data outlined in this current report are slightly different from the data that were published by the CT 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 2005 are included in this report regardless of whether the test was analyzed in 2005.

When a child had more than one lead screening in CY 2005, 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 2005, 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 2005, 69,263 children from birth to 6 years of age were tested for lead poisoning.

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 2005, among the children under 6 years of age who had a lead screening, 30,864 (44.6%) were enrolled in Medicaid at some time during federal fiscal year 2005.

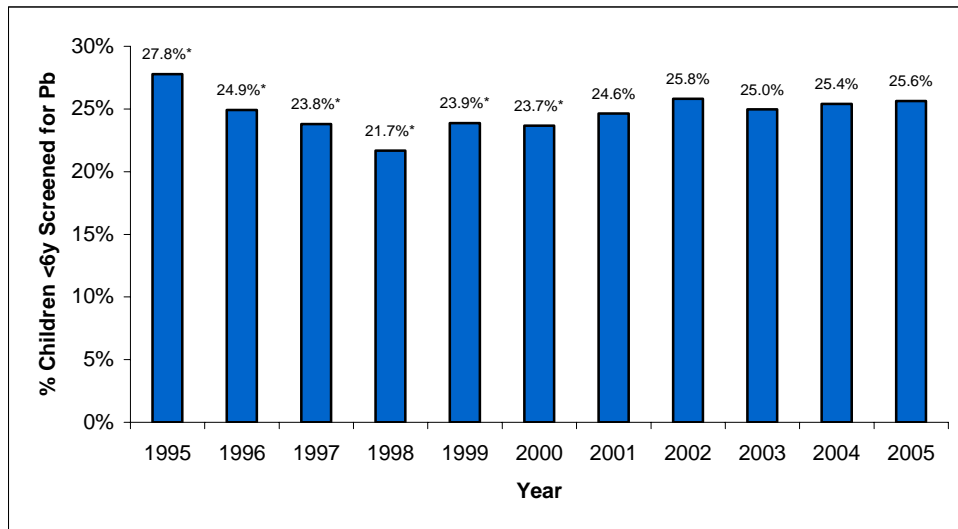
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## Demographics of children under 6 years of age who had a lead screening – Connecticut CY 2005 (N=69,263)

Demographics	Number	Percent
<b>Age Group</b>		
<12mo	7,018	10.1%
12-23 mo	23,728	34.3%
24-35 mo	19,226	27.8%
36-47 mo	7,829	11.3%
48-59 mo	7,146	10.3%
60-71 mo	4,316	6.2%
<b>Gender</b>		
Male	35,029	50.6%
Female	33,498	48.4%
Unknown	736	1.0%
<b>Race</b>		
White	42,769	61.7%
Black	9,337	13.5%
Asian	2,054	3.0%
Native American	266	0.4%
Hawaiian or Pacific Islander	9	<0.1%
Unknown	14,828	21.4%
<b>Ethnicity</b>		
Hispanic	17,055	24.6%
Non-Hispanic	45,727	66.0%
Unknown	6,481	9.4%

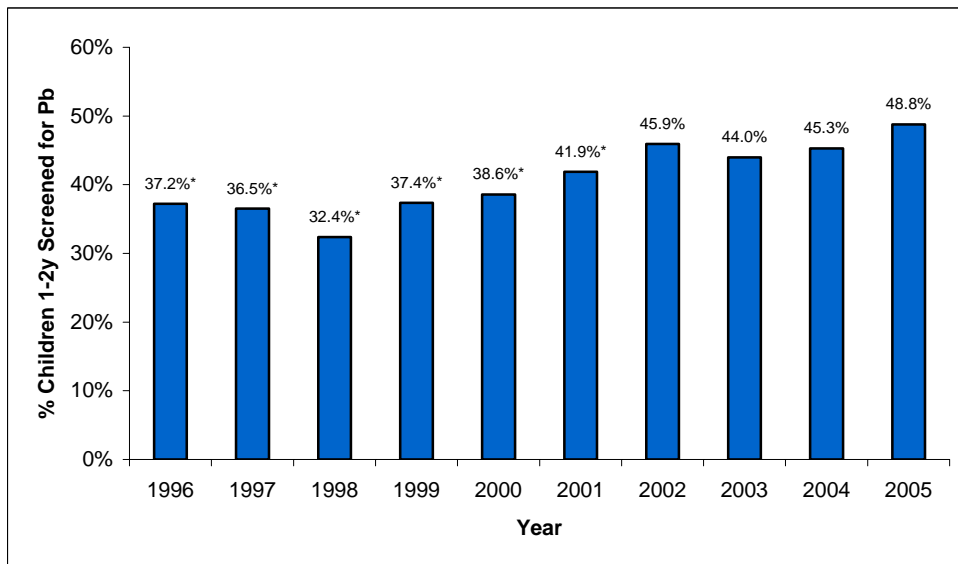
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**Percent of children under 6 years of age who had a lead screening, by calendar year – Connecticut 1995-2005**



In CY 2005, 69,263 (25.6%) children from birth to six years of age had at least one lead screening. Over the last five years (CY 2001 through CY 2005), the percentages of children under 6 years of age who have been screened have been approximately 25%. There was a 0.2% increase in screening in 2005 compared to 2004, which resulted in 657 more children screened.

**Percent of children 1-2 years of age who had a lead screening, by calendar year – Connecticut 1996-2005**

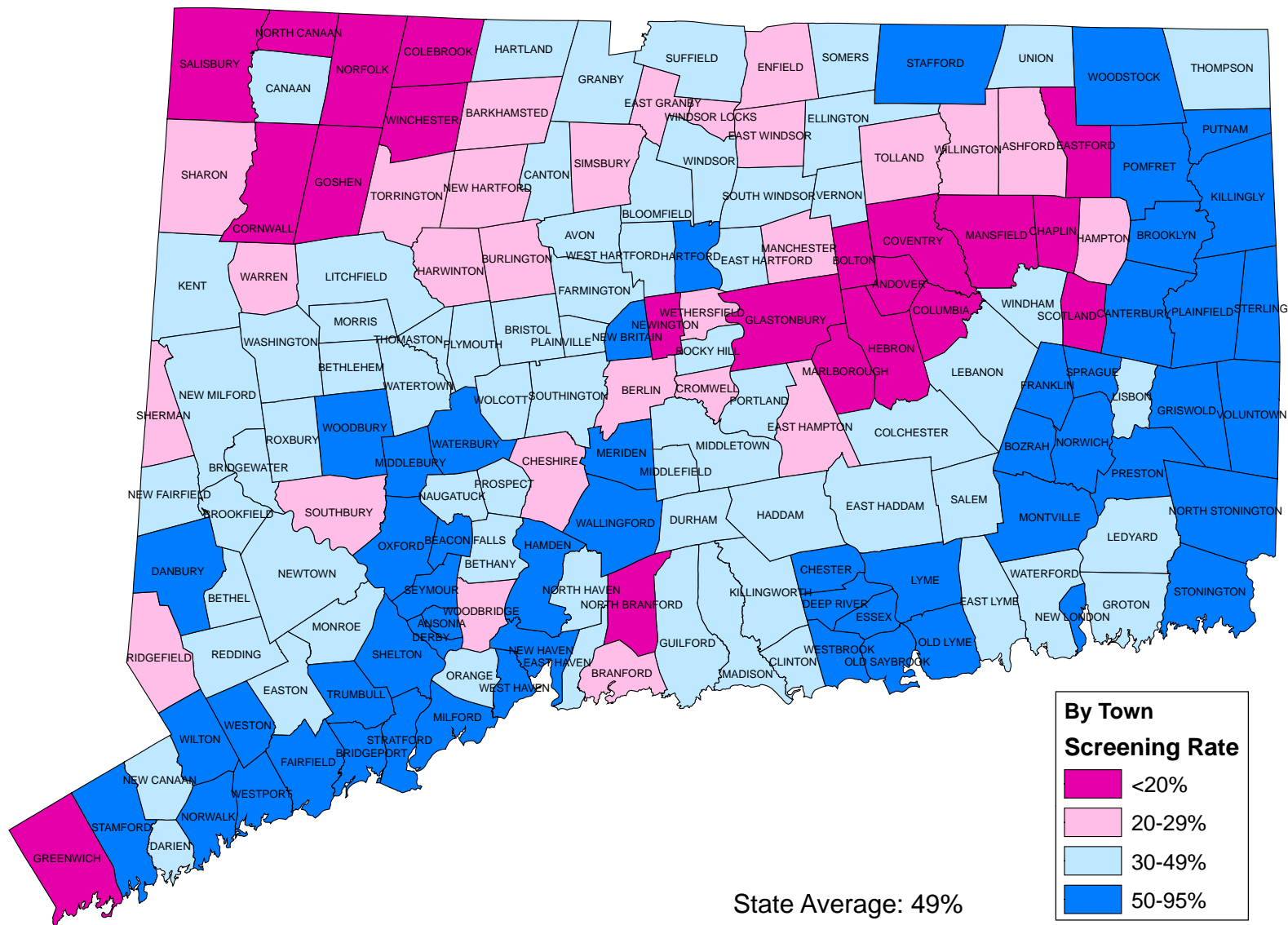


In CY 2005, 42,954 (48.8%) children from one to two years of age had at least one lead screening. There are 4.8 percent and 3.5 percent increases when compared to CY 2003 and CY 2004, respectively. There were 3,060 more children screened in CY 2005 as compared to CY 2004.

\* 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.



# 2005 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 2005**

CY 2005 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 (previously published <sup>#</sup> )	270187	69715	25.8	88094	40141	45.6						
CY 2002 (revised*)	270187	69857	25.9	88094	40452	45.9	7779	22853	17599	8998	7991	4637
CY 2003 (previously published <sup>#</sup> )	270187	67480	25.0	88094	38746	44.0						
CY 2003 (revised*)	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
<b>CY 2005</b>	<b>270187</b>	<b>69263</b>	<b>25.6</b>	<b>88094</b>	<b>42954</b>	<b>48.8</b>	<b>7018</b>	<b>23728</b>	<b>19226</b>	<b>7829</b>	<b>7146</b>	<b>4316</b>
<b>By-Town</b>												
1 ANDOVER	280	21	7.5	92	11	12.0	5	6	5	3	1	1
2 ANSONIA	1529	559	36.6	507	307	60.6	89	136	171	73	68	22
3 ASHFORD	306	38	12.4	102	26	25.5	5	13	13	4	1	2
4 AVON	1269	174	13.7	405	146	36.0	9	85	61	7	7	5
5 BARKHAMSTED	237	23	9.7	76	17	22.4	3	12	5	1	2	0
6 BEACON FALLS	408	120	29.4	132	75	56.8	17	40	35	13	11	4
7 BERLIN	1284	227	17.7	407	101	24.8	55	53	48	5	24	42
8 BETHANY	399	62	15.5	117	39	33.3	6	24	15	6	6	5
9 BETHEL	1505	321	21.3	471	235	49.9	64	106	129	11	9	2
10 BETHLEHEM	220	21	9.5	60	18	30.0	0	14	4	1	2	0
11 BLOOMFIELD	1206	284	23.5	405	159	39.3	46	95	64	33	31	15
12 BOLTON	380	34	8.9	113	22	19.5	5	14	8	5	1	1
13 BOZRAH	157	41	26.1	49	34	69.4	3	14	20	2	1	1
14 BRANFORD	1846	208	11.3	592	175	29.6	9	116	59	15	3	6
15 BRIDGEPORT	13635	6124	44.9	4464	3391	76.0	195	1892	1499	955	1025	558

<sup>#</sup> Published prior to 2004 (most commonly known as Screening Data by Town)

\* Revised data using 2004 and 2005 analysis methods. See page 2 Understanding Lead Data.

CY 2005 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
16	BRIDGEWATER	96	16	16.7	30	12	40.0	2	7	5	2	0	0
17	BRISTOL	4497	879	19.5	1569	655	41.7	75	405	250	56	53	40
18	BROOKFIELD	1268	218	17.2	384	152	39.6	51	72	80	3	6	6
19	BROOKLYN	471	115	24.4	143	76	53.1	2	44	32	10	25	2
20	BURLINGTON	752	71	9.4	240	52	21.7	9	30	22	2	3	5
21	CANAAN	73	12	16.4	20	8	40.0	2	8	0	1	0	1
22	CANTERBURY	307	93	30.3	108	55	50.9	6	24	31	6	16	10
23	CANTON	698	111	15.9	199	94	47.2	7	56	38	4	2	4
24	CHAPLIN	187	15	8.0	52	10	19.2	1	6	4	0	1	3
25	CHESHIRE	2010	287	14.3	676	202	29.9	10	126	76	45	12	18
26	CHESTER	284	61	21.5	99	58	58.6	1	38	20	2	0	0
27	CLINTON	1041	174	16.7	352	158	44.9	3	87	71	4	5	4
28	COLCHESTER	1515	217	14.3	493	173	35.1	25	96	77	4	5	10
29	COLEBROOK	115	4	3.5	34	2	5.9	1	1	1	1	0	0
30	COLUMBIA	393	23	5.9	125	14	11.2	5	8	6	1	2	1
31	CORNWALL	86	4	4.7	28	2	7.1	1	1	1	1	0	0
32	COVENTRY	983	91	9.3	288	50	17.4	17	31	19	17	3	4
33	CROMWELL	833	133	16.0	282	65	23.0	49	26	39	4	6	9
34	DANBURY	5846	1677	28.7	1923	1087	56.5	336	555	532	107	95	52
35	DARIEN	2442	439	18.0	810	282	34.8	134	108	174	11	5	7
36	DEEP RIVER	318	94	29.6	102	78	76.5	7	51	27	2	4	3
37	DERBY	927	313	33.8	320	190	59.4	48	103	87	30	32	13
38	DURHAM	556	87	15.6	157	66	42.0	8	30	36	10	2	1
39	EAST GRANBY	396	50	12.6	135	37	27.4	4	27	10	5	0	4
40	EAST HADDAM	696	126	18.1	231	102	44.2	14	46	56	5	4	1
41	EAST HAMPTON	853	120	14.1	289	74	25.6	29	34	40	7	5	5
42	EAST HARTFORD	3885	1051	27.1	1302	611	46.9	57	359	252	191	121	71

CY 2005 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
43	EAST HAVEN	1930	310	16.1	647	235	36.3	16	154	81	25	19	15
44	EAST LYME	1086	237	21.8	346	160	46.2	12	96	64	21	25	19
45	EAST WINDSOR	645	115	17.8	230	67	29.1	5	35	32	26	10	7
46	EASTFORD	123	14	11.4	38	6	15.8	1	1	5	1	5	1
47	EASTON	694	113	16.3	219	101	46.1	7	51	50	3	1	1
48	ELLINGTON	1007	211	21.0	319	134	42.0	25	55	79	33	10	9
49	ENFIELD	3083	522	16.9	1008	289	28.7	34	159	130	115	66	18
50	ESSEX	511	144	28.2	154	134	87.0	3	74	60	2	2	3
51	FAIRFIELD	4910	1306	26.6	1698	1105	65.1	108	529	576	36	34	23
52	FARMINGTON	1667	214	12.8	502	160	31.9	23	98	62	7	9	15
53	FRANKLIN	130	22	16.9	34	21	61.8	1	7	14	0	0	0
54	GLASTONBURY	2766	159	5.7	876	82	9.4	27	46	36	9	16	25
55	GOSHEN	173	11	6.4	48	9	18.8	0	4	5	2	0	0
56	GRANBY	872	111	12.7	280	85	30.4	12	67	18	5	3	6
57	GREENWICH	5221	318	6.1	1679	196	11.7	60	94	102	24	20	18
58	GRISWOLD	782	254	32.5	232	185	79.7	22	97	88	15	22	10
59	GROTON	3836	914	23.8	1275	479	37.6	99	280	199	93	146	97
60	GUILFORD	1571	172	10.9	502	152	30.3	2	107	45	10	5	3
61	HADDAM	515	116	22.5	171	76	44.4	30	29	47	8	0	2
62	HAMDEN	3675	832	22.6	1235	643	52.1	48	404	239	67	50	24
63	HAMPTON	130	13	10.0	35	7	20.0	2	7	0	2	2	0
64	HARTFORD	12134	5178	42.7	4033	2979	73.9	254	1715	1264	947	664	334
65	HARTLAND	134	19	14.2	41	15	36.6	0	10	5	1	2	1
66	HARWINTON	366	30	8.2	118	26	22.0	1	24	2	1	1	1
67	HEBRON	928	51	5.5	298	30	10.1	18	12	18	2	0	1
68	KENT	215	40	18.6	75	32	42.7	2	15	17	2	1	3
69	KILLINGLY	1231	537	43.6	402	305	75.9	20	181	124	43	141	28

CY 2005 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
70	KILLINGWORTH	549	93	16.9	204	86	42.2	4	47	39	1	1	1
71	LEBANON	554	81	14.6	166	60	36.1	7	26	34	8	3	3
72	LEDYARD	1125	282	25.1	370	174	47.0	55	81	93	18	21	14
73	LISBON	307	61	19.9	109	48	44.0	5	23	25	4	3	1
74	LITCHFIELD	521	70	13.4	153	51	33.3	2	38	13	5	7	5
75	LYME	120	34	28.3	30	28	93.3	3	20	8	1	1	1
76	MADISON	1504	186	12.4	454	163	35.9	6	86	77	8	5	4
77	MANCHESTER	4129	662	16.0	1357	377	27.8	65	234	143	105	78	37
78	MANSFIELD	740	57	7.7	226	31	13.7	9	21	10	8	5	4
79	MARLBOROUGH	484	30	6.2	143	19	13.3	5	7	12	4	1	1
80	MERIDEN	4979	1857	37.3	1685	1101	65.3	85	613	488	346	205	120
81	MIDDLEBURY	434	114	26.3	141	73	51.8	11	52	21	8	13	9
82	MIDDLEFIELD	294	49	16.7	87	27	31.0	13	14	13	6	2	1
83	MIDDLETOWN	3330	830	24.9	1123	417	37.1	210	178	239	79	66	58
84	MILFORD	3749	755	20.1	1203	613	51.0	73	360	253	40	17	12
85	MONROE	1772	315	17.8	545	269	49.4	20	134	135	13	8	5
86	MONTVILLE	1267	307	24.2	395	201	50.9	51	94	107	19	21	15
87	MORRIS	157	19	12.1	49	15	30.6	1	11	4	2	1	0
88	NAUGATUCK	2593	665	25.6	839	407	48.5	48	284	123	77	85	48
89	NEW BRITAIN	5685	2419	42.6	1921	984	51.2	426	513	471	353	398	258
90	NEW CANAAN	1934	405	20.9	557	259	46.5	123	103	156	12	6	5
91	NEW FAIRFIELD	1347	274	20.3	448	171	38.2	77	69	102	9	10	7
92	NEW HARTFORD	496	55	11.1	164	47	28.7	3	34	13	0	2	3
93	NEW HAVEN	10431	4291	41.1	3536	2573	72.8	198	1551	1022	691	521	308
94	NEW LONDON	1873	731	39.0	603	344	57.0	68	190	154	91	104	124
95	NEW MILFORD	2034	353	17.4	700	278	39.7	43	217	61	18	7	7
96	NEWINGTON	2362	188	8.0	782	115	14.7	31	63	52	9	17	16

CY 2005 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
97	NEWTOWN	2427	422	17.4	777	361	46.5	37	179	182	10	6	8
98	NORFOLK	120	5	4.2	40	4	10.0	0	3	1	1	0	0
99	NORTH BRANFORD	1113	92	8.3	364	72	19.8	6	41	31	4	7	3
100	NORTH CANAAN	217	4	1.8	51	3	5.9	0	3	0	1	0	0
101	NORTH HAVEN	1523	197	12.9	478	156	32.6	11	105	51	16	7	7
102	NORTH STONINGTON	348	89	25.6	108	55	50.9	19	30	25	7	6	2
103	NORWALK	6747	2548	37.8	2289	1636	71.5	394	783	853	261	190	67
104	NORWICH	2808	1043	37.1	891	603	67.7	135	296	307	110	111	84
105	OLD LYME	519	131	25.2	153	108	70.6	11	47	61	2	7	3
106	OLD SAYBROOK	727	144	19.8	238	131	55.0	3	85	46	5	2	3
107	ORANGE	931	155	16.6	304	129	42.4	14	99	30	7	1	4
108	OXFORD	795	226	28.4	240	176	73.3	28	96	80	11	6	5
109	PLAINFIELD	1157	406	35.1	398	250	62.8	20	120	130	33	86	17
110	PLAINVILLE	1035	256	24.7	339	145	42.8	53	79	66	13	22	23
111	PLYMOUTH	881	141	16.0	262	101	38.5	6	73	28	11	17	6
112	POMFRET	277	88	31.8	78	55	70.5	0	27	28	4	24	5
113	PORTLAND	738	126	17.1	244	76	31.1	26	26	50	12	7	5
114	PRESTON	260	77	29.6	84	56	66.7	6	23	33	7	5	3
115	PROSPECT	666	138	20.7	225	92	40.9	7	64	28	15	14	10
116	PUTNAM	645	234	36.3	219	125	57.1	6	71	54	15	75	13
117	REDDING	705	132	18.7	228	91	39.9	27	47	44	5	3	6
118	RIDGEFIELD	2356	287	12.2	741	203	27.4	61	100	103	12	8	3
119	ROCKY HILL	1104	190	17.2	372	113	30.4	57	62	51	7	5	8
120	ROXBURY	124	18	14.5	45	15	33.3	1	9	6	1	1	0
121	SALEM	316	58	18.4	92	39	42.4	8	23	16	4	4	3
122	SALISBURY	184	10	5.4	58	4	6.9	2	3	1	2	1	1
123	SCOTLAND	137	8	5.8	50	5	10.0	1	3	2	0	1	1

CY 2005 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
124	SEYMOUR	1104	345	31.3	358	199	55.6	69	84	115	30	28	19
125	SHARON	154	12	7.8	49	11	22.4	1	9	2	0	0	0
126	SHELTON	2817	664	23.6	955	502	52.6	78	277	225	36	28	20
127	SHERMAN	298	33	11.1	90	25	27.8	5	15	10	2	1	0
128	SIMSBURY	2044	211	10.3	647	168	26.0	17	117	51	14	4	8
129	SOMERS	559	121	21.6	159	66	41.5	4	34	32	32	13	6
130	SOUTH WINDSOR	1207	303	25.1	384	154	40.1	16	51	103	91	22	20
131	SOUTHURY	2866	246	8.6	969	218	22.5	11	129	89	8	6	3
132	SOUTHINGTON	1939	528	27.2	586	287	49.0	69	160	127	59	41	72
133	SPRAGUE	185	64	34.6	55	40	72.7	9	22	18	3	8	4
134	STAFFORD	886	186	21.0	255	133	52.2	13	81	52	22	12	6
135	STAMFORD	9647	3098	32.1	3209	1920	59.8	705	896	1024	206	177	90
136	STERLING	286	86	30.1	87	60	69.0	1	30	30	7	16	2
137	STONINGTON	1192	422	35.4	366	229	62.6	106	98	131	32	30	25
138	STRATFORD	3613	989	27.4	1140	666	58.4	102	329	337	86	86	49
139	SUFFIELD	876	137	15.6	276	95	34.4	11	51	44	23	5	3
140	THOMASTON	534	105	19.7	177	58	32.8	4	45	13	14	23	6
141	THOMPSON	634	135	21.3	191	79	41.4	3	53	26	9	32	12
142	TOLLAND	1213	182	15.0	396	101	25.5	26	53	48	26	16	13
143	TORRINGTON	2513	229	9.1	843	171	20.3	7	130	41	27	16	8
144	TRUMBULL	2849	584	20.5	947	498	52.6	39	269	229	20	15	12
145	UNION	53	7	13.2	20	6	30.0	0	4	2	0	1	0
146	VERNON	2069	395	19.1	686	219	31.9	72	136	83	37	42	25
147	VOLUNTOWN	202	50	24.8	59	35	59.3	3	23	12	6	3	3
148	WALLINGFORD	3216	765	23.8	1053	559	53.1	30	304	255	114	31	31
149	WARREN	88	9	10.2	28	8	28.6	0	6	2	0	0	1
150	WASHINGTON	190	29	15.3	49	24	49.0	1	21	3	1	2	1

CY 2005 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
151	WATERBURY	9785	4576	46.8	3266	2083	63.8	178	1226	857	762	943	610
152	WATERFORD	1168	227	19.4	348	132	37.9	23	65	67	20	24	28
153	WATERTOWN	1568	330	21.0	457	197	43.1	15	154	43	28	56	34
154	WEST HARTFORD	4384	791	18.0	1437	532	37.0	90	318	214	69	60	40
155	WEST HAVEN	3896	1156	29.7	1296	812	62.7	91	532	280	117	87	49
156	WESTBROOK	423	105	24.8	122	91	74.6	4	51	40	3	6	1
157	WESTON	1014	219	21.6	305	165	54.1	39	75	90	8	2	5
158	WESTPORT	2392	639	26.7	720	506	70.3	60	234	272	35	16	22
159	WETHERSFIELD	1684	219	13.0	545	129	23.7	41	80	49	21	15	13
160	WILLINGTON	351	57	16.2	113	31	27.4	10	17	14	6	7	3
161	WILTON	1725	420	24.3	528	278	52.7	119	84	194	10	4	9
162	WINCHESTER	731	46	6.3	238	33	13.9	1	23	10	7	3	2
163	WINDHAM	1773	327	18.4	596	186	31.2	28	114	72	44	39	30
164	WINDSOR	2065	360	17.4	652	217	33.3	42	125	92	46	35	20
165	WINDSOR LOCKS	842	91	10.8	257	57	22.2	9	30	27	14	5	6
166	WOLCOTT	1192	267	22.4	377	132	35.0	18	91	41	40	60	17
167	WOODBIDGE	636	79	12.4	201	57	28.4	12	38	19	2	3	5
168	WOODBURY	671	154	23.0	208	129	62.0	3	79	50	4	11	7
169	WOODSTOCK	499	153	30.7	158	84	53.2	5	52	32	12	35	17
	UNKNOWN CT CITY/TOWN		3			3		0	3	0	0	0	0

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

<sup>b</sup> Any test (capillary or venous) in CLPPP from 01/01/2005 - 12/31/2005.

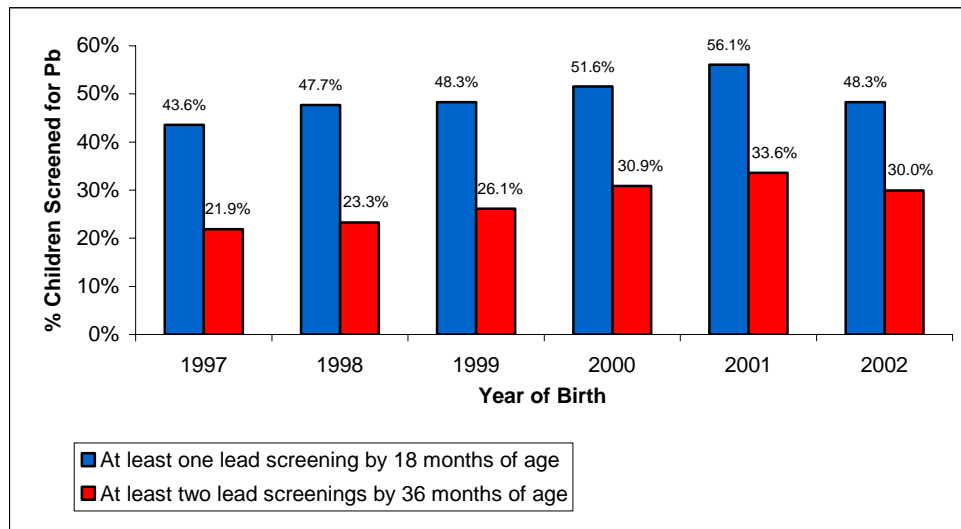
NOTE: Children are counted only once, regardless of the number of times they are tested.



# COMPLIANCE WITH LEAD SCREENING GUIDELINES

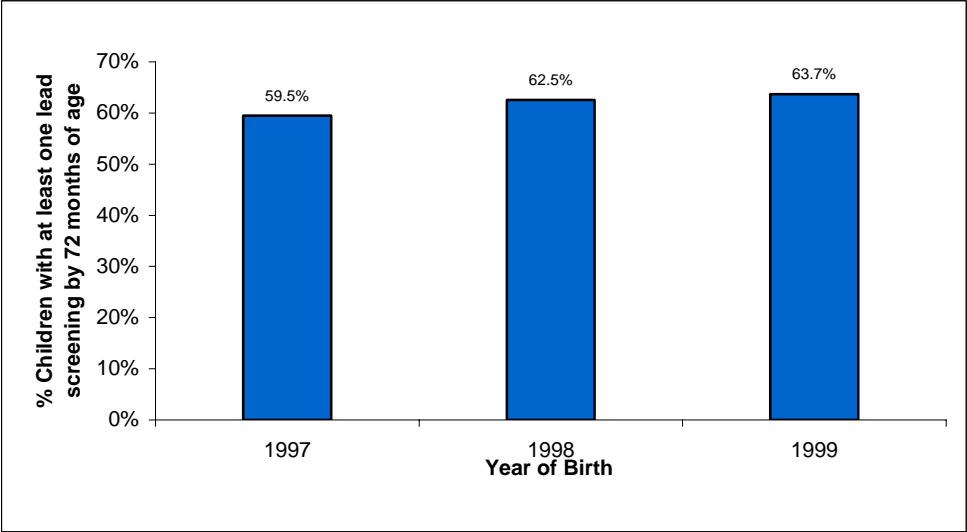
As discussed previously, it is recommended that all healthcare providers in Connecticut screen every child for lead poisoning at age 12 months and again at age 24 months. Compliance with these guidelines is assessed by measuring the proportion of children born in Connecticut during a given year who have 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 1997-2002**



For children born in 2002, 48.3% had at least one lead screening by 18 months of age and 30.0% had at least two lead screening by 36 months of age. The percents of children who have been screened in compliance with the screening guidelines declined in the 2002 cohort, after rising steadily in the past 5 birth cohorts (1997-2001 cohorts).

**Percent of children who have had at least one screening by 72 months of age, by year of birth – Connecticut 1997-1998**



For children born in 1999, 63.7% had at least one lead screening by 72 months of age. There was a slight increase through the three 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 1997-2002**

CY 2005 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					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
<b>Connecticut</b>	<b>43.6</b>	<b>47.7</b>	<b>48.3</b>	<b>51.6</b>	<b>56.1</b>	<b>48.3</b>	<b>21.9</b>	<b>23.3</b>	<b>26.1</b>	<b>30.9</b>	<b>33.6</b>	<b>30.0</b>
<b>By-Town</b>												
1ANDOVER	35.3	26.9	12.5	14.3	14.0	11.1	0.0	1.9	2.1	4.8	0.0	0.0
2ANSONIA	44.5	56.6	53.4	55.0	67.4	51.9	21.6	22.5	32.4	42.7	46.0	42.0
3ASHFORD	31.1	39.1	27.1	24.4	35.9	23.1	11.1	10.9	8.3	13.3	7.7	15.4
4AVON	40.5	42.8	45.0	49.1	50.6	30.0	20.2	19.1	21.1	24.2	25.9	20.0
5BARKHAMSTED	27.6	29.2	20.6	31.6	36.2	25.0	6.9	20.8	0.0	7.9	14.9	5.0
6BEACON FALLS	53.3	42.9	63.1	71.4	60.9	58.2	10.0	12.9	23.1	44.3	27.5	46.3
7BERLIN	37.5	37.4	38.9	43.0	36.0	31.0	5.7	5.5	6.8	14.5	14.6	10.9
8BETHANY	48.1	48.2	60.9	53.2	51.9	65.3	5.8	10.7	15.9	14.9	27.8	32.7
9BETHEL	55.0	62.3	68.4	68.3	73.4	57.6	15.7	18.2	26.3	22.4	32.7	25.3
10BETHLEHEM	50.0	58.8	54.5	75.0	72.7	66.7	3.6	14.7	18.2	25.0	22.7	16.7
11BLOOMFIELD	58.2	58.1	54.8	57.6	65.2	53.6	20.2	18.6	18.6	32.8	34.8	26.8
12BOLTON	22.9	18.9	27.8	23.1	34.1	20.0	4.2	3.8	3.7	9.6	9.1	4.0
13BOZRAH	44.4	23.1	68.0	88.2	81.0	73.1	29.6	7.7	32.0	67.6	61.9	69.2
14BRANFORD	43.8	42.8	36.5	40.4	41.9	32.5	15.0	10.8	18.2	20.2	18.2	14.2
15BRIDGEPORT	42.8	59.3	59.8	64.0	69.0	58.4	38.2	44.0	44.8	48.8	53.0	45.2
16BRIDGEWATER	47.1	52.9	35.7	50.0	66.7	8.3	11.8	0.0	14.3	0.0	8.3	0.0
17BRISTOL	46.1	46.7	42.7	58.4	70.5	57.1	5.3	5.3	8.4	18.7	22.4	21.1
18BROOKFIELD	50.6	50.6	57.7	55.0	55.2	45.2	13.2	12.6	16.9	18.7	22.9	14.6
19BROOKLYN	58.1	51.7	53.8	50.0	50.8	39.4	45.2	31.7	30.8	30.0	36.1	29.6
20BURLINGTON	30.2	24.0	26.8	38.6	34.3	29.0	7.9	6.7	8.0	11.4	10.1	15.9
21CANAAN	47.5	48.3	51.9	60.0	40.0	33.3	15.0	6.9	7.4	8.0	8.0	22.2
22CANTERBURY	45.8	37.5	53.7	52.9	73.5	62.7	20.8	27.1	31.5	35.3	57.4	49.3
23CANTON	31.4	35.0	39.5	46.7	48.2	42.5	12.7	18.0	14.0	25.6	20.9	16.1
24CHAPLIN	5.9	16.7	28.6	29.2	28.6	30.4	0.0	0.0	4.8	16.7	7.1	4.3
25CHESHIRE	46.3	45.3	45.8	41.8	41.6	36.0	5.9	10.9	27.5	27.2	22.8	20.5
26CHESTER	56.8	64.4	71.4	60.0	69.2	64.2	43.2	44.4	50.0	45.7	53.8	35.8
27CLINTON	68.9	61.5	58.4	57.6	55.4	53.0	37.2	29.7	32.0	31.6	36.2	32.2
28COLCHESTER	23.7	24.8	49.6	51.6	48.9	47.4	11.8	12.2	27.9	37.1	32.0	37.1
29COLEBROOK	0.0	0.0	7.1	16.7	11.1	0.0	0.0	7.7	7.1	0.0	0.0	0.0
30COLUMBIA	20.9	15.5	15.7	13.1	11.7	19.6	2.3	0.0	0.0	3.3	3.3	9.8
31CORNWALL	33.3	41.7	30.0	40.0	50.0	33.3	0.0	0.0	0.0	0.0	10.0	8.3
32COVENTRY	20.3	18.8	21.8	23.2	24.4	23.0	4.3	4.5	3.4	7.1	5.3	5.2
33CROMWELL	33.6	48.4	35.3	41.6	48.6	33.8	13.9	21.7	17.6	25.5	36.2	30.0
34DANBURY	36.7	57.3	60.0	63.2	62.0	51.1	9.9	18.1	22.9	23.3	28.2	19.1

CY 2005 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					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
35DARIEN	42.6	43.7	38.6	48.3	51.7	48.0	26.3	24.4	23.5	32.1	43.2	40.1
36DEEP RIVER	57.7	75.0	66.0	53.8	66.7	72.2	42.3	60.4	53.2	40.0	57.6	51.9
37DERBY	36.2	54.3	49.0	52.8	62.7	63.9	15.0	24.3	28.2	33.7	43.3	44.2
38DURHAM	48.7	66.3	47.8	50.6	48.2	55.9	17.9	31.3	26.7	32.1	35.3	39.7
40EAST GRANBY	52.6	55.4	50.0	54.1	53.4	52.0	22.8	7.7	18.0	13.1	17.2	12.0
41EAST HADDAM	35.7	49.5	50.0	48.6	48.8	34.5	24.3	32.6	35.6	38.3	38.4	30.1
42EAST HAMPTON	36.2	33.8	39.7	42.7	38.2	32.7	19.9	17.5	24.3	24.5	18.8	22.4
43EAST HARTFORD	37.4	39.8	39.4	41.3	42.7	36.2	22.3	20.0	20.7	23.5	24.1	21.9
44EAST HAVEN	39.6	44.3	37.5	40.2	46.4	30.4	15.3	16.5	17.8	27.4	24.2	15.2
45EAST LYME	50.0	51.8	58.8	59.9	61.5	64.6	31.3	27.7	36.5	40.1	39.9	40.9
47EAST WINDSOR	26.7	36.5	28.8	33.1	36.0	23.9	16.0	11.9	21.2	15.8	14.0	12.8
39EASTFORD	61.1	47.1	31.6	30.8	66.7	30.0	27.8	29.4	15.8	23.1	66.7	20.0
46EASTON	50.5	62.2	67.4	67.6	77.0	67.9	34.7	41.1	45.3	53.3	57.0	58.0
48ELLINGTON	40.0	41.1	37.0	38.3	38.5	34.4	12.3	13.7	11.4	18.2	20.1	22.3
49ENFIELD	32.4	26.8	25.7	25.8	31.6	23.1	14.1	15.3	11.8	15.5	18.7	14.5
50ESSEX	73.4	71.7	84.9	76.5	83.3	77.2	63.3	60.4	69.9	61.2	73.3	73.4
51FAIRFIELD	44.0	59.0	63.4	62.8	74.3	67.2	31.3	40.4	44.5	48.4	59.5	55.7
52FARMINGTON	23.6	24.7	23.8	37.3	35.8	23.3	7.2	8.0	5.7	15.9	15.9	10.7
53FRANKLIN	25.0	27.8	30.4	41.2	50.0	57.1	25.0	11.1	17.4	23.5	50.0	50.0
54GLASTONBURY	16.2	14.8	15.4	15.7	21.2	15.4	4.5	2.8	2.2	7.0	6.9	6.7
55GOSHEN	4.5	7.4	10.0	11.8	13.3	26.3	0.0	0.0	0.0	5.9	6.7	0.0
56GRANBY	51.1	42.8	40.7	45.8	48.9	40.4	16.5	5.8	7.4	14.2	13.5	9.2
57GREENWICH	9.3	12.5	9.4	12.4	14.6	10.3	4.0	4.9	4.8	7.0	8.0	6.4
58GRISWOLD	30.4	35.3	51.7	67.7	75.2	72.7	15.7	19.6	29.3	54.8	57.3	49.6
59GROTON	47.5	49.9	51.0	53.1	55.4	49.2	8.8	10.9	11.7	14.7	12.7	14.7
60GUILFORD	37.7	47.8	36.2	36.2	42.5	44.8	7.0	14.4	8.6	11.7	10.3	14.9
61HADDAM	49.4	39.8	45.5	48.2	60.5	51.4	33.3	31.3	30.9	37.6	43.2	45.8
62HAMDEN	48.6	59.3	50.8	55.2	57.0	51.6	23.8	28.8	28.0	35.4	31.3	30.2
63HAMPTON	37.5	47.4	36.4	46.7	15.0	37.5	25.0	10.5	9.1	6.7	10.0	18.8
64HARTFORD	60.8	63.2	62.5	64.7	68.1	60.4	48.5	52.0	50.6	51.0	55.2	47.8
65HARTLAND	20.0	30.0	18.8	30.0	25.0	27.3	6.7	5.0	12.5	5.0	12.5	13.6
66HARWINTON	20.8	19.1	21.2	21.4	15.2	19.0	6.3	0.0	0.0	5.4	6.5	0.0
67HEBRON	9.1	12.2	15.1	16.2	12.3	18.2	4.1	2.7	5.0	5.6	5.7	9.9
68KENT	25.0	44.7	40.0	37.5	44.4	34.6	3.6	2.6	0.0	6.3	5.6	0.0
69KILLINGLY	60.6	61.9	57.8	62.4	68.8	67.6	44.5	38.5	31.7	42.7	46.0	41.4
70KILLINGWORTH	53.3	59.3	48.8	53.8	49.4	50.6	28.3	30.2	31.4	39.6	31.8	40.2
71LEBANON	26.2	21.3	28.4	47.3	38.0	35.4	9.5	13.8	10.8	36.5	26.8	26.2
72LEDYARD	58.9	55.4	65.0	71.1	75.4	55.8	8.2	6.5	8.6	16.8	15.0	13.6
73LISBON	17.1	27.5	65.6	70.4	78.1	53.8	9.8	2.5	40.6	55.6	68.8	48.7

CY 2005 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					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
74LITCHFIELD	26.5	14.5	25.0	25.7	25.4	17.1	1.5	6.0	5.6	4.3	9.0	2.9
75LYME	66.7	64.7	81.8	72.2	81.3	76.2	58.3	41.2	59.1	61.1	50.0	19.0
76MADISON	50.5	58.6	50.3	59.4	55.6	54.7	24.3	21.7	24.1	31.3	34.9	33.5
77MANCHESTER	26.9	27.4	26.9	23.0	26.3	20.8	10.6	11.1	12.4	12.0	13.7	9.4
78MANSFIELD	28.8	27.7	24.8	26.5	16.5	19.8	11.2	8.9	6.9	8.8	6.1	9.0
79MARLBOROUGH	24.6	20.3	19.4	18.2	24.7	21.3	10.5	7.6	6.5	9.1	3.5	6.7
80MERIDEN	55.6	56.5	57.6	59.8	70.4	52.0	19.9	22.2	42.2	42.4	48.4	39.9
81MIDDLEBURY	64.8	61.3	56.3	66.2	80.3	56.4	20.4	20.0	20.8	20.0	29.6	25.5
82MIDDLEFIELD	52.8	41.9	52.4	50.0	53.3	40.4	19.4	20.9	28.6	29.2	42.2	26.9
83MIDDLETOWN	47.2	47.6	47.8	51.2	53.3	53.3	27.4	29.8	36.5	39.9	39.6	35.7
84MILFORD	46.8	45.7	45.1	51.0	63.1	58.6	26.1	22.6	22.8	25.9	28.9	31.6
85MONROE	40.2	56.5	53.2	58.1	60.2	55.1	29.1	33.9	38.7	42.6	47.2	39.9
86MONTVILLE	43.1	41.7	63.3	61.4	64.8	59.8	15.4	17.1	29.8	38.6	40.2	41.3
87MORRIS	29.6	18.8	18.4	22.7	26.9	37.9	7.4	0.0	0.0	0.0	3.8	17.2
88NAUGATUCK	38.8	43.3	45.9	46.2	47.9	44.9	11.8	12.8	13.8	19.6	21.1	21.1
89NEW BRITAIN	53.9	54.8	53.7	62.6	67.6	51.6	24.2	27.4	30.1	37.8	38.8	31.2
90NEW CANAAN	58.7	60.2	52.5	58.3	67.9	72.7	37.4	43.1	35.1	47.1	50.9	53.2
91NEW FAIRFIELD	48.2	53.3	50.6	60.5	56.7	58.8	13.5	21.1	26.3	30.5	31.7	35.3
92NEW HARTFORD	24.2	16.9	17.3	29.7	22.1	20.3	12.1	6.5	9.3	14.9	9.3	5.4
93NEW HAVEN	59.4	62.4	58.6	58.4	63.8	52.8	47.2	47.2	45.0	46.6	50.0	41.9
95NEW LONDON	52.0	56.2	56.4	59.4	64.2	56.1	19.1	30.2	35.0	36.6	36.0	25.5
96NEW MILFORD	35.0	47.0	51.1	49.6	56.4	50.3	4.4	4.2	4.0	6.9	7.7	10.8
94NEWINGTON	25.6	23.5	23.8	28.8	27.6	28.8	5.2	3.8	8.4	5.8	10.9	10.1
97NEWTOWN	54.5	61.1	59.6	68.8	62.8	62.6	24.9	25.6	26.7	33.4	34.2	36.0
98NORFOLK	5.0	26.1	8.7	0.0	10.5	25.0	5.0	4.3	4.3	0.0	0.0	6.3
99NORTH BRANFORD	52.6	44.2	36.3	32.9	36.8	30.0	15.8	18.8	14.5	16.4	19.4	15.8
100NORTH CANAAN	87.5	22.2	10.5	6.3	27.3	11.1	12.5	0.0	0.0	0.0	0.0	0.0
101NORTH HAVEN	44.3	44.2	43.2	45.3	39.4	41.7	13.5	14.7	23.5	20.3	23.9	27.2
102NORTH STONINGTON	35.2	33.3	33.9	39.0	40.4	36.7	3.7	6.3	6.8	13.6	14.9	14.3
103NORWALK	44.0	44.3	53.0	61.7	67.6	54.1	29.6	27.3	32.0	44.0	51.2	41.6
104NORWICH	38.7	47.6	60.5	64.0	69.3	60.3	21.7	22.3	31.9	50.2	51.1	42.8
105OLD LYME	58.8	56.3	68.0	67.8	69.7	62.2	51.3	36.6	44.0	42.4	62.1	56.8
106OLD SAYBROOK	67.6	82.0	77.5	73.2	80.6	70.8	51.5	67.6	59.6	64.3	67.7	63.3
107ORANGE	51.9	67.4	60.0	63.6	71.1	67.0	14.5	15.3	10.8	21.8	10.1	24.1
108OXFORD	61.8	67.5	74.2	65.9	72.5	71.0	17.6	24.6	30.6	39.1	44.4	47.3
109PLAINFIELD	51.5	56.1	61.0	69.6	73.3	70.8	37.1	35.7	35.2	48.5	56.8	51.6
110PLAINVILLE	47.0	40.1	41.0	56.8	56.8	55.5	5.4	4.5	12.1	19.9	23.1	23.2
111PLYMOUTH	47.3	44.6	47.1	56.1	67.5	55.0	4.7	5.8	11.6	13.5	21.1	17.8
112POMFRET	57.9	62.9	50.0	56.1	71.7	66.7	31.6	45.7	29.6	36.6	58.7	51.5

CY 2005 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					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
113PORTLAND	42.2	50.0	51.3	52.3	47.4	42.6	33.0	25.8	35.4	37.9	34.5	29.5
114PRESTON	29.4	33.3	65.2	70.3	78.0	57.1	5.9	16.7	23.9	56.8	53.7	40.8
115PROSPECT	48.5	59.6	50.0	47.7	59.1	46.4	14.9	15.7	17.3	15.9	21.5	15.5
116PUTNAM	50.7	58.3	50.0	54.9	58.8	59.5	38.7	25.9	30.4	41.8	38.7	38.0
117REDDING	49.0	67.0	62.4	65.1	64.0	47.9	18.8	25.5	23.8	27.7	43.2	38.5
118RIDGEFIELD	65.6	70.7	71.4	54.6	48.1	39.4	16.1	14.5	19.3	22.4	19.9	23.1
119ROCKY HILL	21.3	25.1	27.6	31.2	33.7	31.6	2.4	1.6	4.7	18.3	25.9	24.7
120ROXBURY	30.0	50.0	62.5	66.7	61.1	57.1	5.0	16.7	12.5	13.3	16.7	38.1
121SALEM	28.0	28.8	53.7	58.3	58.1	62.2	12.0	9.6	34.1	33.3	34.9	42.2
122SALISBURY	29.0	25.0	25.7	45.7	48.0	24.1	0.0	2.8	0.0	11.4	0.0	3.4
123SCOTLAND	30.0	15.8	28.6	7.7	31.6	6.7	5.0	0.0	14.3	7.7	26.3	6.7
124SEYMOUR	47.9	63.8	61.2	60.6	69.5	71.4	12.1	18.1	27.9	42.2	50.7	50.3
125SHARON	46.7	37.5	30.0	51.9	33.3	11.8	0.0	4.2	0.0	0.0	0.0	0.0
126SHELTON	40.2	66.0	59.3	60.5	70.4	62.8	21.1	33.8	28.6	40.2	46.9	38.4
127SHERMAN	45.2	50.0	72.7	61.3	51.1	46.9	6.5	8.8	12.1	19.4	21.3	15.6
128SIMSBURY	46.8	50.8	44.6	40.7	50.0	34.8	15.6	17.1	11.4	13.8	14.7	13.6
129SOMERS	32.4	30.9	30.6	25.5	42.6	28.6	9.5	19.1	18.1	18.4	11.7	20.0
130SOUTHBURY	69.4	76.1	72.0	75.5	70.4	25.7	30.0	37.7	37.6	38.0	44.0	8.4
131SOUTHINGTON	30.3	29.3	30.8	39.9	44.7	71.7	4.0	3.5	9.6	15.8	17.5	38.8
132SOUTH WINDSOR	29.4	29.4	26.5	26.9	29.2	35.8	3.8	4.5	4.0	5.9	9.4	16.2
133SPRAGUE	33.3	25.8	64.3	48.6	75.0	47.1	23.3	16.1	17.9	42.9	56.3	38.2
134STAFFORD	35.8	41.0	34.8	31.3	32.6	35.5	11.2	14.4	20.5	10.7	17.4	17.8
135STAMFORD	42.8	42.3	38.0	46.3	64.5	53.8	21.4	21.7	24.3	32.7	42.1	36.0
136STERLING	51.3	50.0	62.2	74.3	76.5	64.3	25.6	26.5	51.4	68.6	61.8	50.0
137STONINGTON	34.9	35.1	35.9	54.3	52.6	36.5	3.6	8.3	8.8	16.4	8.5	7.4
138STRATFORD	48.0	57.2	59.5	58.9	64.7	58.0	38.1	36.9	37.5	42.0	47.3	40.1
139SUFFIELD	36.9	42.1	34.7	34.3	30.6	27.0	20.8	19.0	15.7	14.9	14.3	16.2
140THOMASTON	41.0	47.4	46.8	57.3	63.7	48.1	12.0	6.2	12.7	14.6	14.2	12.3
141THOMPSON	34.8	27.6	36.6	28.8	45.8	35.6	15.7	16.1	16.1	20.7	32.5	16.4
142TOLLAND	35.5	39.1	31.7	38.2	34.2	28.3	8.9	8.2	12.9	16.1	5.4	13.3
143TORRINGTON	6.4	8.5	8.5	6.3	5.9	8.1	1.4	3.7	2.5	3.3	1.5	1.8
144TRUMBULL	37.4	46.9	45.8	50.0	60.8	56.9	24.5	26.4	27.1	34.2	34.5	33.8
145UNION	33.3	33.3	40.0	33.3	40.0	14.3	16.7	0.0	40.0	0.0	0.0	0.0
146VERNON	35.9	35.1	37.8	39.2	40.7	44.4	10.7	13.5	16.9	16.3	17.7	20.8
147VOLUNTOWN	35.9	38.2	62.9	60.6	71.0	72.7	20.5	17.6	34.3	42.4	54.8	39.4
148WALLINGFORD	57.4	58.3	62.7	61.6	65.8	57.3	9.9	10.5	32.1	36.3	37.7	35.7
149WARREN	16.7	50.0	20.0	25.0	66.7	70.0	0.0	0.0	0.0	0.0	8.3	0.0
150WASHINGTON	39.3	54.8	60.6	52.8	86.2	60.5	0.0	6.5	6.1	8.3	0.0	13.2
151WATERBURY	50.3	53.6	54.7	57.9	64.4	53.7	29.3	30.1	32.1	36.4	36.9	32.1

CY 2005 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					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
152WATERFORD	35.9	40.2	45.5	64.1	52.6	41.6	13.5	17.2	20.8	30.9	21.1	16.8
153WATERTOWN	53.6	53.9	61.3	62.7	66.0	53.0	8.6	7.8	15.3	12.7	17.2	12.1
155WEST HARTFORD	35.8	47.8	48.0	47.0	40.5	36.7	10.4	13.0	11.0	21.9	15.9	15.3
156WEST HAVEN	40.0	47.1	52.4	53.2	63.5	56.6	23.9	22.4	30.3	25.8	34.2	26.9
154WESTBROOK	70.0	70.6	73.4	72.8	67.7	68.3	60.0	49.0	54.4	55.6	52.3	46.7
157WESTON	38.1	40.5	52.3	72.3	81.4	74.0	22.0	26.6	35.2	53.3	63.6	63.6
158WESTPORT	32.4	33.0	69.5	75.0	79.7	71.0	20.7	20.0	45.7	57.7	60.0	58.0
159WETHERSFIELD	26.7	26.6	26.1	28.6	31.1	27.1	7.3	6.6	8.4	17.7	18.7	19.4
160WILLINGTON	26.9	35.8	36.2	30.5	20.5	26.1	1.9	5.7	6.9	13.6	4.5	17.4
161WILTON	57.4	53.5	63.7	64.9	76.4	68.1	42.2	30.4	46.3	51.8	64.4	57.4
162WINCHESTER	4.5	9.8	11.0	8.4	11.5	8.7	0.8	3.8	3.4	4.5	4.1	1.6
163WINDHAM	23.2	24.6	25.3	19.3	28.2	16.3	13.4	10.5	12.6	10.5	14.9	9.3
164WINDSOR	44.5	45.5	40.9	47.9	44.1	38.3	11.1	11.8	10.8	17.2	19.8	19.7
165WINDSOR LOCKS	36.5	38.8	35.9	32.4	35.0	23.5	8.0	6.0	14.1	7.2	9.4	8.7
166WOLCOTT	49.7	59.0	57.4	70.9	63.9	60.6	10.7	15.9	17.9	15.9	20.0	21.9
167WOODBIDGE	55.3	51.1	55.4	48.4	66.2	67.3	12.9	12.8	18.5	14.1	23.0	21.8
168WOODBURY	65.2	65.4	63.6	71.3	77.1	71.0	25.9	28.8	26.2	30.7	31.4	26.9
169WOODSTOCK	58.1	50.8	57.6	50.7	54.3	37.8	35.1	33.3	33.3	31.5	35.7	29.7

Note: Birth cohorts beyond 2002 are not included here because those children had not yet turned 36 months of age in CY 2005.

# PREVALENCE OF ELEVATED BLOOD LEAD LEVELS

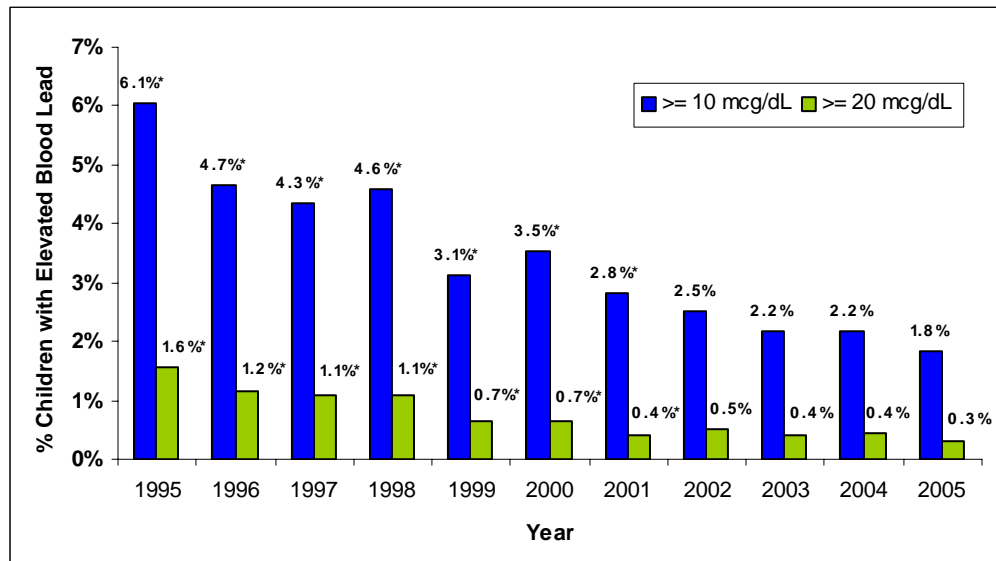
**Confirmation of Test Results** – A lead test is considered ‘confirmed’ if it was:

- 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 2005 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 2005 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.

**Percent of children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 1995-2005\***

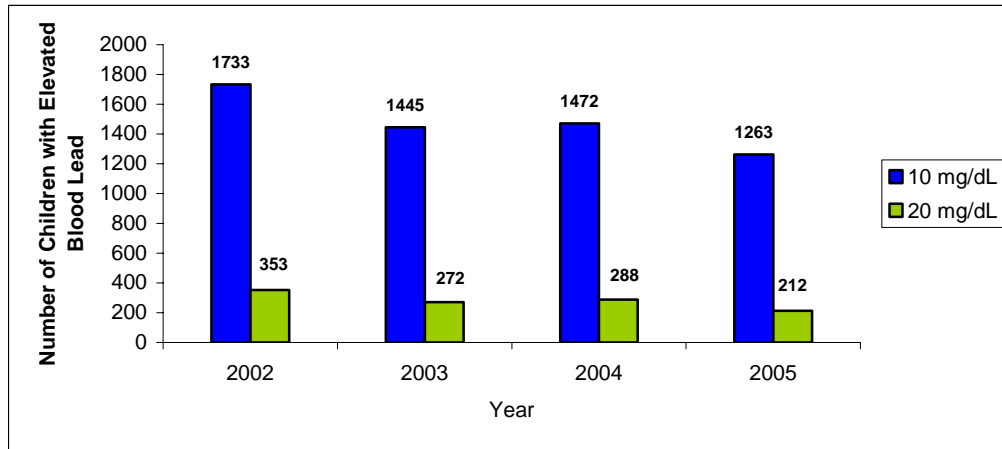


\* Data of 1995-2001 are based on analysis using number of tests instead of number of children screened as the unit of analysis. Data source of the 1995-2001 data is the previous published reports commonly known as Screening Data by Town.



Among children under 6 years of age who had a confirmed blood lead test in 2005, 1.8% and 0.3% children were found to have blood lead levels of  $\geq 10 \mu\text{g/dL}$  and  $\geq 20 \mu\text{g/dL}$ , respectively. The prevalences of elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  and significant elevated blood lead levels of  $\geq 20 \mu\text{g/dL}$  have decreased from CY 1995 to CY 2003. The prevalences of elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  and significant blood lead levels of  $\geq 20 \mu\text{g/dL}$  in CY 2005 declined 0.4% and 0.1% respectively as compared to CY 2004.

**Number of children under 6 years of age with elevated blood lead, by calendar year and by blood lead levels – Connecticut 2002-2005**



Among children under 6 years of age, there was a decline of 209 children who were found to have blood lead levels of  $\geq 10 \mu\text{g/dL}$  from CY 2004 to CY 2005, and a decline of 470 children from CY 2002 to CY 2005.

Similarly the prevalence of blood lead levels of  $\geq 20 \mu\text{g/dL}$  has decreased over time. Comparing the numbers of children who were found to have blood lead levels of  $\geq 20 \mu\text{g/dL}$  across years, there was a decline of 76 children from CY 2004 to CY 2005, and a decline of 141 children from CY 2002 to CY 2005.

**Percent of children under 6 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2005**

		Numbers and Percents of Confirmed Blood Lead Levels among Children Aged Less Than Six Years with a Confirmed Lead Test													
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Connecticut</b>															
CY 2002 (previously published <sup>#</sup> )	69709	67989	97.5	1061	1.5	359	0.5	286	0.4	14	0.0	1720	2.5	300	0.4
CY 2002 (revised <sup>*</sup> )	69062	67329	96.4	999	1.4	381	0.5	333	0.5	20	0.0	1733	2.5	353	0.5
CY 2003 (previously published <sup>#</sup> )	67521	66040	97.8	954	1.4	285	0.4	232	0.3	10	0.0	1481	2.2	242	0.4
CY 2003 (revised <sup>*</sup> )	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
<b>CY 2005</b>	<b>68757</b>	<b>67494</b>	<b>98.2</b>	<b>821</b>	<b>1.2</b>	<b>230</b>	<b>0.3</b>	<b>198</b>	<b>0.3</b>	<b>14</b>	<b>0.0</b>	<b>1263</b>	<b>1.8</b>	<b>212</b>	<b>0.3</b>
<b>By-Town</b>															
1ANDOVER	21	21	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2ANSONIA	556	530	95.3	13	2.3	6	1.1	6	1.1	1	0.2	26	4.7	7	1.3
3ASHFORD	38	36	94.7	1	2.6	0	0.0	1	2.6	0	0.0	2	5.3	1	2.6
4AVON	173	172	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
5BARKHAMSTED	23	23	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
6BEACON FALLS	120	120	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7BERLIN	227	226	99.6	0	0.0	0	0.0	1	0.4	0	0.0	1	0.4	1	0.4
8BETHANY	62	62	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
9BETHEL	320	320	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10BETHLEHEM	21	21	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11BLOOMFIELD	284	279	98.2	3	1.1	1	0.4	1	0.4	0	0.0	5	1.8	1	0.4
12BOLTON	34	34	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13BOZRAH	40	37	92.5	2	5.0	0	0.0	1	2.5	0	0.0	3	7.5	1	2.5
14BRANFORD	208	205	98.6	3	1.4	0	0.0	0	0.0	0	0.0	3	1.4	0	0.0
15BRIDGEPORT	6071	5845	96.3	144	2.4	43	0.7	36	0.6	3	0.0	226	3.7	39	0.6

<sup>#</sup> Published prior to 2004 (most commonly known as Screening Data by Town)

<sup>\*</sup> Revised data using 2004 and 2005 analysis methods. See page 2 Understanding Lead Data.

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

CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
16BRIDGEWATER	16	16	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
17BRISTOL	874	859	98.3	9	1.0	6	0.7	0	0.0	0	0.0	15	1.7	0	0.0
18BROOKFIELD	218	218	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
19BROOKLYN	115	114	99.1	1	0.9	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0
20BURLINGTON	71	71	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
21CANAAN	12	12	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
22CANTERBURY	92	92	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
23CANTON	111	111	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
24CHAPLIN	15	14	93.3	1	6.7	0	0.0	0	0.0	0	0.0	1	6.7	0	0.0
25CHESHIRE	285	285	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
26CHESTER	60	59	98.3	0	0.0	0	0.0	1	1.7	0	0.0	1	1.7	1	1.7
27CLINTON	174	174	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
28COLCHESTER	216	216	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
29COLEBROOK	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30COLUMBIA	23	22	95.7	1	4.3	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0
31CORNWALL	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
32COVENTRY	91	91	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
33CROMWELL	132	132	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
34DANBURY	1668	1662	99.6	5	0.3	1	0.1	0	0.0	0	0.0	6	0.4	0	0.0
35DARIEN	439	439	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
36DEEP RIVER	93	88	94.6	2	2.2	2	2.2	1	1.1	0	0.0	5	5.4	1	1.1
37DERBY	311	310	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
38DURHAM	87	86	98.9	0	0.0	1	1.1	0	0.0	0	0.0	1	1.1	0	0.0
39EAST GRANBY	50	50	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40EAST HADDAM	125	125	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
41EAST HAMPTON	120	120	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
42EAST HARTFORD	1046	1028	98.3	14	1.3	1	0.1	3	0.3	0	0.0	18	1.7	3	0.3
43EAST HAVEN	310	308	99.4	2	0.6	0	0.0	0	0.0	0	0.0	2	0.6	0	0.0

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

CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
44EAST LYME	236	236	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
45EAST WINDSOR	113	113	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
46EASTFORD	14	14	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
47EASTON	112	112	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
48ELLINGTON	211	211	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
49ENFIELD	517	507	98.1	7	1.4	0	0.0	3	0.6	0	0.0	10	1.9	3	0.6
50ESSEX	144	144	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
51FAIRFIELD	1305	1299	99.5	6	0.5	0	0.0	0	0.0	0	0.0	6	0.5	0	0.0
52FARMINGTON	214	213	99.5	0	0.0	1	0.5	0	0.0	0	0.0	1	0.5	0	0.0
53FRANKLIN	22	22	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
54GLASTONBURY	158	158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
55GOSHEN	11	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
56GRANBY	110	110	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
57GREENWICH	317	314	99.1	3	0.9	0	0.0	0	0.0	0	0.0	3	0.9	0	0.0
58GRISWOLD	250	244	97.6	4	1.6	2	0.8	0	0.0	0	0.0	6	2.4	0	0.0
59GROTON	913	911	99.8	0	0.0	2	0.2	0	0.0	0	0.0	2	0.2	0	0.0
60GUILFORD	171	170	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
61HADDAM	115	114	99.1	0	0.0	1	0.9	0	0.0	0	0.0	1	0.9	0	0.0
62HAMDEN	831	820	98.7	8	1.0	2	0.2	1	0.1	0	0.0	11	1.3	1	0.1
63HAMPTON	13	13	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
64HARTFORD	5125	4966	96.9	109	2.1	31	0.6	18	0.4	1	0.0	159	3.1	19	0.4
65HARTLAND	19	18	94.7	0	0.0	1	5.3	0	0.0	0	0.0	1	5.3	0	0.0
66HARWINTON	30	30	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
67HEBRON	51	51	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
68KENT	40	40	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
69KILLINGLY	533	524	98.3	7	1.3	2	0.4	0	0.0	0	0.0	9	1.7	0	0.0
70KILLINGWORTH	93	93	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
71LEBANON	81	81	100.0	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 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
72LEDYARD	282	282	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
73LISBON	61	61	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
74LITCHFIELD	70	69	98.6	1	1.4	0	0.0	0	0.0	0	0.0	1	1.4	0	0.0
75LYME	34	34	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
76MADISON	186	186	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
77MANCHESTER	660	654	99.1	2	0.3	4	0.6	0	0.0	0	0.0	6	0.9	0	0.0
78MANSFIELD	57	57	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
79MARLBOROUGH	30	30	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
80MERIDEN	1834	1788	97.5	29	1.6	13	0.7	4	0.2	0	0.0	46	2.5	4	0.2
81MIDDLEBURY	112	110	98.2	1	0.9	0	0.0	1	0.9	0	0.0	2	1.8	1	0.9
82MIDDLEFIELD	49	48	98.0	0	0.0	1	2.0	0	0.0	0	0.0	1	2.0	0	0.0
83MIDDLETOWN	825	822	99.6	3	0.4	0	0.0	0	0.0	0	0.0	3	0.4	0	0.0
84MILFORD	753	751	99.7	1	0.1	0	0.0	1	0.1	0	0.0	2	0.3	1	0.1
85MONROE	315	314	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
86MONTVILLE	307	303	98.7	3	1.0	1	0.3	0	0.0	0	0.0	4	1.3	0	0.0
87MORRIS	19	19	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
88NAUGATUCK	662	655	98.9	3	0.5	0	0.0	3	0.5	1	0.2	7	1.1	4	0.6
89NEW BRITAIN	2403	2346	97.6	37	1.5	11	0.5	8	0.3	1	0.0	57	2.4	9	0.4
90NEW CANAAN	404	404	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
91NEW FAIRFIELD	274	274	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92NEW HARTFORD	55	54	98.2	1	1.8	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
93NEW HAVEN	4216	3967	94.1	154	3.7	45	1.1	47	1.1	3	0.1	249	5.9	50	1.2
94NEW LONDON	720	705	97.9	8	1.1	1	0.1	5	0.7	1	0.1	15	2.1	6	0.8
95NEW MILFORD	350	350	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
96NEWINGTON	188	188	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
97NEWTOWN	421	421	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
98NORFOLK	5	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
99NORTH BRANFORD	91	91	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

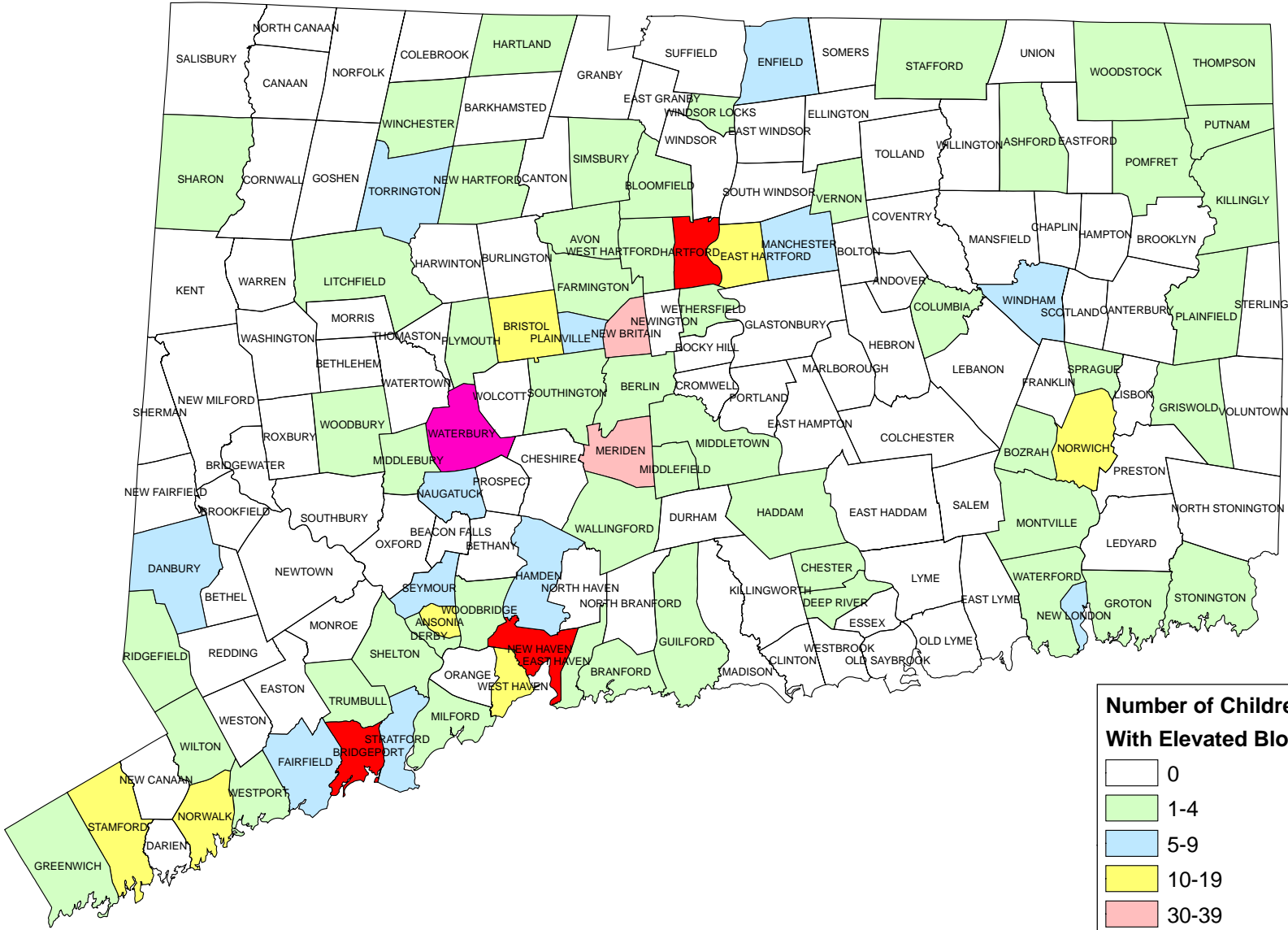
Numbers and Percents of Confirmed Blood Lead Levels among Children Aged Less Than Six Years with a Confirmed Lead Test															
CY 2005 Data (<6 years old)	Number of Children with Confirmed Test	Confirmed Blood Lead Levels										Cumulative Statistics			
		0-9 µg/dL		10-14 µg/dL		15-19 µg/dL		20-44 µg/dL		45+ µg/dL		≥ 10 µg/dL		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
100NORTH CANAAN	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
101NORTH HAVEN	197	197	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
102NORTH STONINGTON	89	89	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
103NORWALK	2525	2502	99.1	17	0.7	1	0.0	4	0.2	1	0.0	23	0.9	5	0.2
104NORWICH	1030	1001	97.2	19	1.8	7	0.7	3	0.3	0	0.0	29	2.8	3	0.3
105OLD LYME	131	131	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
106GOLD SAYBROOK	143	143	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
107ORANGE	155	155	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
108OXFORD	226	226	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
109PLAINFIELD	401	395	98.5	3	0.7	1	0.2	2	0.5	0	0.0	6	1.5	2	0.5
110PLAINVILLE	256	248	96.9	6	2.3	2	0.8	0	0.0	0	0.0	8	3.1	0	0.0
111PLYMOUTH	140	138	98.6	1	0.7	0	0.0	1	0.7	0	0.0	2	1.4	1	0.7
112POMFRET	87	86	98.9	1	1.1	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
113PORTLAND	126	126	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
114PRESTON	77	77	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
115PROSPECT	138	138	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
116PUTNAM	233	231	99.1	1	0.4	1	0.4	0	0.0	0	0.0	2	0.9	0	0.0
117REDDING	131	131	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
118RIDGEFIELD	284	282	99.3	2	0.7	0	0.0	0	0.0	0	0.0	2	0.7	0	0.0
119ROCKY HILL	190	190	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120ROXBURY	18	18	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
121SALEM	58	58	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
122SALISBURY	10	9	90.0	1	10.0	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0
123SCOTLAND	8	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
124SEYMOUR	344	336	97.7	5	1.5	2	0.6	1	0.3	0	0.0	8	2.3	1	0.3
125SHARON	12	10	83.3	1	8.3	0	0.0	1	8.3	0	0.0	2	16.7	1	8.3
126SHELTON	663	658	99.2	5	0.8	0	0.0	0	0.0	0	0.0	5	0.8	0	0.0
127SHERMAN	33	33	100.0	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 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
128SIMSBURY	210	209	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0
129SOMERS	121	121	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
130SOUTH WINDSOR	303	303	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
131SOUTHBURY	246	246	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
132SOUTHINGTON	528	527	99.8	0	0.0	0	0.0	1	0.2	0	0.0	1	0.2	1	0.2
133SPRAGUE	64	63	98.4	0	0.0	0	0.0	1	1.6	0	0.0	1	1.6	1	1.6
134STAFFORD	185	182	98.4	2	1.1	1	0.5	0	0.0	0	0.0	3	1.6	0	0.0
135STAMFORD	3096	3077	99.4	13	0.4	2	0.1	4	0.1	0	0.0	19	0.6	4	0.1
136STERLING	86	86	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
137STONINGTON	415	411	99.0	3	0.7	0	0.0	1	0.2	0	0.0	4	1.0	1	0.2
138STRATFORD	988	977	98.9	7	0.7	3	0.3	1	0.1	0	0.0	11	1.1	1	0.1
139SUFFIELD	137	137	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
140THOMASTON	105	105	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
141THOMPSON	133	132	99.2	1	0.8	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0
142TOLLAND	182	182	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
143TORRINGTON	226	214	94.7	10	4.4	1	0.4	1	0.4	0	0.0	12	5.3	1	0.4
144TRUMBULL	581	580	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0
145UNION	7	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
146VERNON	391	385	98.5	5	1.3	1	0.3	0	0.0	0	0.0	6	1.5	0	0.0
147VOLUNTOWN	50	50	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
148WALLINGFORD	760	757	99.6	1	0.1	2	0.3	0	0.0	0	0.0	3	0.4	0	0.0
149WARREN	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
150WASHINGTON	28	28	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
151WATERBURY	4487	4354	97.0	84	1.9	17	0.4	30	0.7	2	0.0	133	3.0	32	0.7
152WATERFORD	226	225	99.6	0	0.0	1	0.4	0	0.0	0	0.0	1	0.4	0	0.0
153WATERTOWN	329	329	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
154WEST HARTFORD	788	779	98.9	5	0.6	3	0.4	1	0.1	0	0.0	9	1.1	1	0.1
155WEST HAVEN	1144	1126	98.4	13	1.1	4	0.3	1	0.1	0	0.0	18	1.6	1	0.1

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged Less Than Six Years with a Confirmed Lead Test															
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
156WESTBROOK	105	105	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
157WESTON	218	218	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
158WESTPORT	639	638	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0
159WETHERSFIELD	219	216	98.6	3	1.4	0	0.0	0	0.0	0	0.0	3	1.4	0	0.0
160WILLINGTON	57	57	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
161WILTON	420	419	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0
162WINCHESTER	46	41	89.1	3	6.5	0	0.0	2	4.3	0	0.0	5	10.9	2	4.3
163WINDHAM	325	314	96.6	8	2.5	2	0.6	1	0.3	0	0.0	11	3.4	1	0.3
164WINDSOR	359	358	99.7	1	0.3	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
165WINDSOR LOCKS	90	89	98.9	1	1.1	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
166WOLCOTT	267	267	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
167WOODBIDGE	79	78	98.7	1	1.3	0	0.0	0	0.0	0	0.0	1	1.3	0	0.0
168WOODBURY	153	152	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0
169WOODSTOCK	151	150	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0
UNKNOWN CT CITY/TOWN	3	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

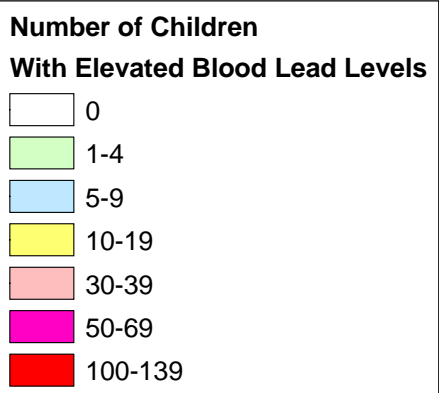


# 2005 Connecticut Children 1 and 2 Years Old Number of Children with Elevated Blood Lead Levels\* By Town



Total: 769 Children

\* Confirmed Blood Lead Levels of 10 mcg/dL and above



**Percent of children 1-2 years of age with elevated blood lead, by town and by blood lead levels – Connecticut CY 2005**

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test															
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Connecticut</b>															
CY 2002 (previously published #)	40573	39562	97.5	606	1.5	221	0.5	176	0.4	8	0.0	1011	2.5	184	0.5
CY 2002 (revised*)	39984	39002	97.5	539	1.3	228	0.6	203	0.5	12	0.0	982	2.5	215	0.5
CY 2003 (previously published #)	38797	37928	97.8	539	1.4	160	0.4	163	0.4	7	0.0	869	2.2	170	0.4
CY 2003 (revised*)	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
<b>CY 2005</b>	<b>42639</b>	<b>41870</b>	<b>98.2</b>	<b>477</b>	<b>1.1</b>	<b>151</b>	<b>0.4</b>	<b>133</b>	<b>0.3</b>	<b>8</b>	<b>0.0</b>	<b>769</b>	<b>1.8</b>	<b>141</b>	<b>0.3</b>
<b>By-Town</b>															
1ANDOVER	11	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2ANSONIA	304	289	95.1	8	2.6	3	1.0	3	1.0	1	0.3	15	4.9	4	1.3
3ASHFORD	26	24	92.3	1	3.8	0	0.0	1	3.8	0	0.0	2	7.7	1	3.8
4AVON	145	144	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0
5BARKHAMSTED	17	17	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
6BEACON FALLS	75	75	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7BERLIN	101	100	99.0	0	0.0	0	0.0	1	1.0	0	0.0	1	1.0	1	1.0
8BETHANY	39	39	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
9BETHEL	234	234	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10BETHLEHEM	18	18	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11BLOOMFIELD	159	157	98.7	2	1.3	0	0.0	0	0.0	0	0.0	2	1.3	0	0.0
12BOLTON	22	22	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13BOZRAH	33	31	93.9	1	3.0	0	0.0	1	3.0	0	0.0	2	5.9	1	2.9
14BRANFORD	175	172	98.3	3	1.7	0	0.0	0	0.0	0	0.0	3	1.7	0	0.0
15BRIDGEPORT	3358	3225	96.0	77	2.3	29	0.9	24	0.7	3	0.1	133	3.9	27	0.8

# Published prior to 2004 (most commonly known as Screening Data by Town)

\* Revised data using 2004 and 2005 analysis methods. See page 2 Understanding Lead Data.

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test															
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
16BRIDGEWATER	12	12	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
17BRISTOL	650	640	98.5	6	0.9	4	0.6	0	0.0	0	0.0	10	1.5	0	0.0
18BROOKFIELD	152	152	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
19BROOKLYN	76	76	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20BURLINGTON	52	52	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
21CANAAN	8	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
22CANTERBURY	55	55	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
23CANTON	94	94	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
24CHAPLIN	10	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25CHESHIRE	200	200	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
26CHESTER	57	56	98.2	0	0.0	0	0.0	1	1.8	0	0.0	1	1.7	1	1.7
27CLINTON	158	158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
28COLCHESTER	172	172	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
29COLEBROOK	2	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30COLUMBIA	14	13	92.9	1	7.1	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0
31CORNWALL	2	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
32COVENTRY	50	50	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
33CROMWELL	64	64	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
34DANBURY	1084	1079	99.5	4	0.4	1	0.1	0	0.0	0	0.0	5	0.5	0	0.0
35DARIEN	282	282	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
36DEEP RIVER	77	75	97.4	1	1.3	1	1.3	0	0.0	0	0.0	2	2.6	0	0.0
37DERBY	188	187	99.5	1	0.5	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0
38DURHAM	66	66	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
39EAST GRANBY	37	37	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40EAST HADDAM	101	101	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
41EAST HAMPTON	74	74	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
42EAST HARTFORD	607	596	98.2	9	1.5	0	0.0	2	0.3	0	0.0	11	1.8	2	0.3
43EAST HAVEN	235	233	99.1	2	0.9	0	0.0	0	0.0	0	0.0	2	0.9	0	0.0

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test															
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
44EAST LYME	159	159	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
45EAST WINDSOR	66	66	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
46EASTFORD	6	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
47EASTON	100	100	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
48ELLINGTON	134	134	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
49ENFIELD	286	279	97.6	5	1.7	0	0.0	2	0.7	0	0.0	7	2.4	2	0.7
50ESSEX	134	134	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
51FAIRFIELD	1105	1100	99.5	5	0.5	0	0.0	0	0.0	0	0.0	5	0.5	0	0.0
52FARMINGTON	160	159	99.4	0	0.0	1	0.6	0	0.0	0	0.0	1	0.6	0	0.0
53FRANKLIN	21	21	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
54GLASTONBURY	81	81	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
55GOSHEN	9	9	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
56GRANBY	84	84	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
57GREENWICH	195	193	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0
58GRISWOLD	181	177	97.8	2	1.1	2	1.1	0	0.0	0	0.0	4	2.2	0	0.0
59GROTON	478	477	99.8	0	0.0	1	0.2	0	0.0	0	0.0	1	0.2	0	0.0
60GUILFORD	152	151	99.3	1	0.7	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0
61HADDAM	75	74	98.7	0	0.0	1	1.3	0	0.0	0	0.0	1	1.3	0	0.0
62HAMDEN	642	634	98.8	5	0.8	2	0.3	1	0.2	0	0.0	8	1.2	1	0.2
63HAMPTON	7	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
64HARTFORD	2955	2851	96.5	74	2.5	22	0.7	8	0.3	0	0.0	104	3.5	8	0.3
65HARTLAND	15	14	93.3	0	0.0	1	6.7	0	0.0	0	0.0	1	6.7	0	0.0
66HARWINTON	26	26	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
67HEBRON	30	30	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
68KENT	32	32	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
69KILLINGLY	303	299	98.7	4	1.3	0	0.0	0	0.0	0	0.0	4	1.3	0	0.0
70KILLINGWORTH	86	86	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
71LEBANON	60	60	100.0	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 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
72LEDYARD	174	174	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
73LISBON	48	48	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
74LITCHFIELD	51	50	98.0	1	2.0	0	0.0	0	0.0	0	0.0	1	2.0	0	0.0
75LYME	28	28	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
76MADISON	163	163	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
77MANCHESTER	377	372	98.7	1	0.3	4	1.1	0	0.0	0	0.0	5	1.3	0	0.0
78MANSFIELD	31	31	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
79MARLBOROUGH	19	19	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
80MERIDEN	1087	1054	97.0	20	1.8	11	1.0	2	0.2	0	0.0	33	3.0	2	0.2
81MIDDLEBURY	71	69	97.2	1	1.4	0	0.0	1	1.4	0	0.0	2	2.7	1	1.4
82MIDDLEFIELD	27	26	96.3	0	0.0	1	3.7	0	0.0	0	0.0	1	3.7	0	0.0
83MIDDLETOWN	415	413	99.5	2	0.5	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0
84MILFORD	611	610	99.8	0	0.0	0	0.0	1	0.2	0	0.0	1	0.2	1	0.2
85MONROE	269	269	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
86MONTVILLE	201	199	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0
87MORRIS	15	15	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
88NAUGATUCK	405	400	98.8	2	0.5	0	0.0	3	0.7	0	0.0	5	1.2	3	0.7
89NEW BRITAIN	973	940	96.6	21	2.2	5	0.5	6	0.6	1	0.1	33	3.4	7	0.7
90NEW CANAAN	259	259	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
91NEW FAIRFIELD	171	171	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92NEW HARTFORD	47	46	97.9	1	2.1	0	0.0	0	0.0	0	0.0	1	2.1	0	0.0
93NEW HAVEN	2527	2389	94.5	78	3.1	26	1.0	33	1.3	1	0.0	138	5.4	34	1.3
94NEW LONDON	340	331	97.4	4	1.2	0	0.0	4	1.2	1	0.3	9	2.6	5	1.5
95NEW MILFORD	275	275	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
96NEWINGTON	115	115	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
97NEWTOWN	360	360	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
98NORFOLK	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
99NORTH BRANFORD	71	71	100.0	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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
100NORTH CANAAN	3	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
101NORTH HAVEN	156	156	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
102NORTH STONINGTON	55	55	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
103NORWALK	1621	1607	99.1	11	0.7	1	0.1	2	0.1	0	0.0	14	0.9	2	0.1
104NORWICH	597	578	96.8	12	2.0	5	0.8	2	0.3	0	0.0	19	3.2	2	0.3
105OLD LYME	108	108	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
106OLD SAYBROOK	130	130	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
107ORANGE	129	129	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
108OXFORD	176	176	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
109PLAINFIELD	246	242	98.4	1	0.4	1	0.4	2	0.8	0	0.0	4	1.6	2	0.8
110PLAINVILLE	145	139	95.9	4	2.8	2	1.4	0	0.0	0	0.0	6	4.1	0	0.0
111PLYMOUTH	100	98	98.0	1	1.0	0	0.0	1	1.0	0	0.0	2	2.0	1	1.0
112POMFRET	54	53	98.1	1	1.9	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
113PORTLAND	76	76	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
114PRESTON	56	56	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
115PROSPECT	92	92	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
116PUTNAM	124	122	98.4	1	0.8	1	0.8	0	0.0	0	0.0	2	1.6	0	0.0
117REDDING	90	90	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
118RIDGEFIELD	201	199	99.0	2	1.0	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0
119ROCKY HILL	113	113	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120ROXBURY	15	15	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
121SALEM	39	39	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
122SALISBURY	4	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
123SCOTLAND	5	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
124SEYMOUR	199	193	97.0	3	1.5	2	1.0	1	0.5	0	0.0	6	3.0	1	0.5
125SHARON	11	9	81.8	1	9.1	0	0.0	1	9.1	0	0.0	2	18.2	1	9.1
126SHELTON	501	497	99.2	4	0.8	0	0.0	0	0.0	0	0.0	4	0.8	0	0.0
127SHERMAN	25	25	100.0	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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
128SIMSBURY	167	166	99.4	1	0.6	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
129SOMERS	66	66	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
130SOUTH WINDSOR	154	154	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
131SOUTHBURY	218	218	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
132SOUTHINGTON	287	286	99.7	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	1	0.3
133SPRAGUE	40	39	97.5	0	0.0	0	0.0	1	2.5	0	0.0	1	2.5	1	2.5
134STAFFORD	132	130	98.5	1	0.8	1	0.8	0	0.0	0	0.0	2	1.5	0	0.0
135STAMFORD	1918	1905	99.3	9	0.5	1	0.1	3	0.2	0	0.0	13	0.7	3	0.2
136STERLING	60	60	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
137STONINGTON	223	220	98.7	2	0.9	0	0.0	1	0.4	0	0.0	3	1.3	1	0.4
138STRATFORD	666	658	98.8	5	0.8	2	0.3	1	0.2	0	0.0	8	1.2	1	0.2
139SUFFIELD	95	95	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
140THOMASTON	58	58	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
141THOMPSON	77	76	98.7	1	1.3	0	0.0	0	0.0	0	0.0	1	1.3	0	0.0
142TOLLAND	101	101	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
143TORRINGTON	168	162	96.4	4	2.4	1	0.6	1	0.6	0	0.0	6	3.5	1	0.6
144TRUMBULL	495	494	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0
145UNION	6	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
146VERNON	215	211	98.1	3	1.4	1	0.5	0	0.0	0	0.0	4	1.8	0	0.0
147VOLUNTOWN	35	35	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
148WALLINGFORD	554	553	99.8	0	0.0	1	0.2	0	0.0	0	0.0	1	0.2	0	0.0
149WARREN	8	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
150WASHINGTON	23	23	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
151WATERBURY	2036	1973	96.9	36	1.8	8	0.4	18	0.9	1	0.0	63	3.0	19	0.9
152WATERFORD	131	130	99.2	0	0.0	1	0.8	0	0.0	0	0.0	1	0.8	0	0.0
153WATERTOWN	196	196	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
154WEST HARTFORD	530	526	99.2	1	0.2	3	0.6	0	0.0	0	0.0	4	0.8	0	0.0
155WEST HAVEN	805	790	98.1	10	1.2	4	0.5	1	0.1	0	0.0	15	1.8	1	0.1

Numbers and Percents of Confirmed Blood Lead Levels among Children Aged One to Two Years with a Confirmed Lead Test															
CY 2005 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		≥ 20 µg/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
156 WESTBROOK	91	91	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
157 WESTON	164	164	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
158 WESTPORT	506	505	99.8	1	0.2	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0
159 WETHERSFIELD	129	128	99.2	1	0.8	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0
160 WILLINGTON	31	31	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
161 WILTON	278	277	99.6	1	0.4	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0
162 WINCHESTER	33	29	87.9	2	6.1	0	0.0	2	6.1	0	0.0	4	12.1	2	6.1
163 WINDHAM	186	179	96.2	5	2.7	1	0.5	1	0.5	0	0.0	7	3.8	1	0.5
164 WINDSOR	216	216	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165 WINDSOR LOCKS	56	55	98.2	1	1.8	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
166 WOLCOTT	132	132	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
167 WOODBRIDGE	57	56	98.2	1	1.8	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
168 WOODBURY	128	127	99.2	1	0.8	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0
169 WOODSTOCK	82	81	98.8	1	1.2	0	0.0	0	0.0	0	0.0	1	1.2	0	0.0
UNKNOWN CT CITY/TOWN	3	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

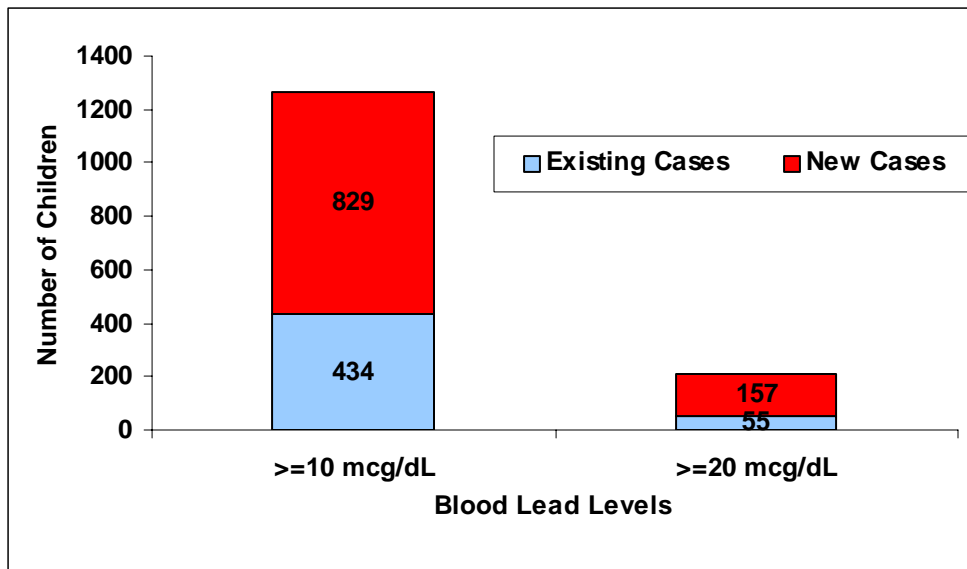


# INCIDENCE OF ELEVATED BLOOD LEAD LEVELS

**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 2005 compared to all children under 6 years of age who were screened for lead in 2005 and had not had a result of  $\geq 10$   $\mu\text{g}/\text{dL}$  prior to 2005.

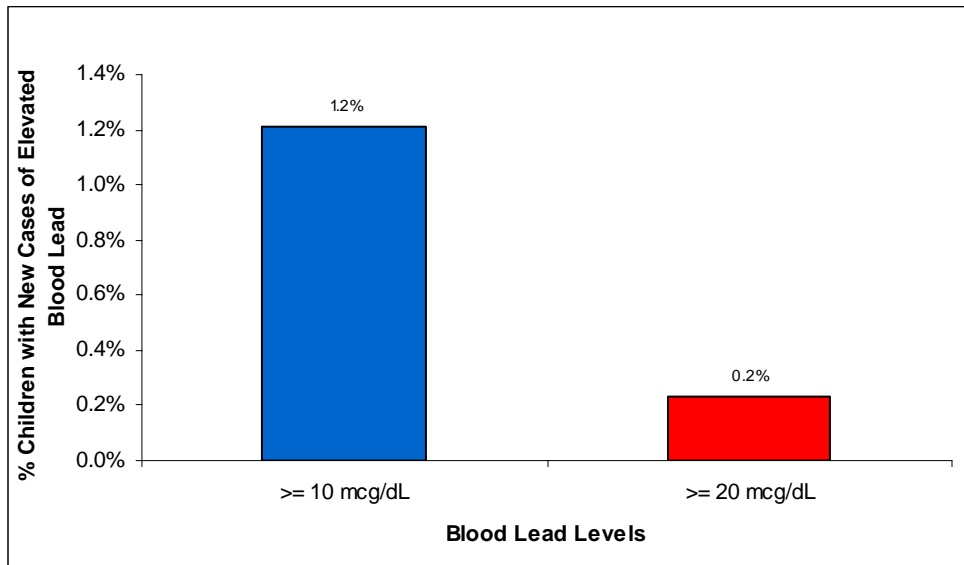
**Incidence of Significant Elevated Blood Lead Levels** – Incidence of significant elevated blood lead levels (i.e., new cases of significant elevated blood lead) is defined as the proportion of children under 6 years of age who had a confirmed lead test of  $\geq 20$   $\mu\text{g}/\text{dL}$  for the first time in 2005 compared to all children under 6 years of age who were screened for lead in 2005 and had not had a result of  $\geq 20$   $\mu\text{g}/\text{dL}$  prior to 2005. 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, by blood lead levels – Connecticut CY 2005



Of the 1263 children who were found to have blood lead levels  $\geq 10$   $\mu\text{g}/\text{dL}$  in 2005, 829 were new cases. Of the 212 children who were found to have blood lead levels  $\geq 20$   $\mu\text{g}/\text{dL}$  in 2005, 157 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 2005**



Among children who had a blood lead screening in 2005 and had not had a result of  $\geq 10 \mu\text{g/dL}$  blood lead levels before 2005, 829 (1.2%) children had confirmed elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  for the first time in 2005. Among children who had a blood lead screening in 2004 and had not had a result of  $\geq 20 \mu\text{g/dL}$  blood lead levels before 2005, 157 (0.2%) children had confirmed significant elevated blood lead levels of  $\geq 20 \mu\text{g/dL}$  for the first time in 2005.



**Incidence of elevated blood lead, by town and by blood lead levels –  
Connecticut CY 2005**

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2005 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>829</b>	<b>68323</b>	<b>1.2</b>	<b>157</b>	<b>68534</b>	<b>0.2</b>
<b>By-Town</b>						
1ANDOVER	0	21	0.0	0	21	0.0
2ANSONIA	16	546	2.9	5	552	0.9
3ASHFORD	1	37	2.7	1	38	2.6
4AVON	1	173	0.6	0	173	0.0
5BARKHAMSTED	0	23	0.0	0	23	0.0
6BEACON FALLS	0	120	0.0	0	120	0.0
7BERLIN	1	227	0.4	1	227	0.4
8BETHANY	0	62	0.0	0	62	0.0
9BETHEL	0	320	0.0	0	320	0.0
10BETHLEHEM	0	21	0.0	0	21	0.0
11BLOOMFIELD	4	283	1.4	1	283	0.4
12BOLTON	0	34	0.0	0	34	0.0
13BOZRAH	3	40	7.5	1	40	2.5
14BRANFORD	2	207	1.0	0	208	0.0
15BRIDGEPORT	145	5990	2.4	31	6031	0.5
16BRIDGEWATER	0	16	0.0	0	16	0.0
17BRISTOL	8	867	0.9	0	871	0.0
18BROOKFIELD	0	218	0.0	0	218	0.0
19BROOKLYN	1	115	0.9	0	115	0.0
20BURLINGTON	0	71	0.0	0	71	0.0
21CANAAN	0	12	0.0	0	12	0.0
22CANTERBURY	0	92	0.0	0	92	0.0
23CANTON	0	111	0.0	0	111	0.0
24CHAPLIN	1	15	6.7	0	15	0.0
25CHESHIRE	0	285	0.0	0	285	0.0
26CHESTER	1	60	1.7	1	60	1.7
27CLINTON	0	174	0.0	0	174	0.0
28COLCHESTER	0	216	0.0	0	216	0.0
29COLEBROOK	0	4	0.0	0	4	0.0
30COLUMBIA	0	22	0.0	0	23	0.0
31CORNWALL	0	4	0.0	0	4	0.0
32COVENTRY	0	91	0.0	0	91	0.0

CY 2005 Data	Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age					
	Number of Children with BLL ≥ 10 µg/dL	Total # Children Screened with No Previous BLL of ≥ 10 µg/dL	≥ 10 µg/dL Incidence (%)	Number of Children with BLL ≥ 20 µg/dL	Total # Children Screened with No Previous BLL of ≥ 20 µg/dL	≥ 20 µg/dL Incidence (%)
	For the First Time			For the First Time		
33CROMWELL	0	132	0.0	0	132	0.0
34DANBURY	6	1668	0.4	0	1668	0.0
35DARIEN	0	439	0.0	0	439	0.0
36DEEP RIVER	2	90	2.2	0	92	0.0
37DERBY	1	311	0.3	0	311	0.0
38DURHAM	0	86	0.0	0	86	0.0
39EAST GRANBY	0	50	0.0	0	50	0.0
40EAST HADDAM	0	125	0.0	0	125	0.0
41EAST HAMPTON	0	120	0.0	0	120	0.0
42EAST HARTFORD	14	1042	1.3	2	1042	0.2
43EAST HAVEN	2	310	0.6	0	310	0.0
44EAST LYME	0	236	0.0	0	236	0.0
45EAST WINDSOR	0	113	0.0	0	113	0.0
46EASTFORD	0	14	0.0	0	14	0.0
47EASTON	0	112	0.0	0	112	0.0
48ELLINGTON	0	211	0.0	0	211	0.0
49ENFIELD	8	515	1.6	3	516	0.6
50ESSEX	0	144	0.0	0	144	0.0
51FAIRFIELD	5	1304	0.4	0	1304	0.0
52FARMINGTON	0	213	0.0	0	213	0.0
53FRANKLIN	0	22	0.0	0	22	0.0
54GLASTONBURY	0	158	0.0	0	158	0.0
55GOSHEN	0	11	0.0	0	11	0.0
56GRANBY	0	110	0.0	0	110	0.0
57GREENWICH	2	316	0.6	0	317	0.0
58GRISWOLD	4	248	1.6	0	249	0.0
59GROTON	2	913	0.2	0	913	0.0
60GUILFORD	1	171	0.6	0	171	0.0
61HADDAM	0	114	0.0	0	115	0.0
62HAMDEN	8	828	1.0	1	828	0.1
63HAMPTON	0	13	0.0	0	13	0.0
64HARTFORD	109	5075	2.1	13	5094	0.3
65HARTLAND	1	19	5.3	0	19	0.0
66HARWINTON	0	30	0.0	0	30	0.0
67HEBRON	0	51	0.0	0	51	0.0
68KENT	0	40	0.0	0	40	0.0
69KILLINGLY	3	527	0.6	0	530	0.0
70KILLINGWORTH	0	93	0.0	0	93	0.0

CY 2005 Data	Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age					
	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	0	81	0.0	0	81	0.0
72LEDYARD	0	282	0.0	0	282	0.0
73LISBON	0	61	0.0	0	61	0.0
74LITCHFIELD	1	70	1.4	0	70	0.0
75LYME	0	34	0.0	0	34	0.0
76MADISON	0	186	0.0	0	186	0.0
77MANCHESTER	4	658	0.6	0	659	0.0
78MANSFIELD	0	57	0.0	0	57	0.0
79MARLBOROUGH	0	30	0.0	0	30	0.0
80MERIDEN	33	1821	1.8	4	1831	0.2
81MIDDLEBURY	2	112	1.8	1	112	0.9
82MIDDLEFIELD	0	48	0.0	0	49	0.0
83MIDDLETOWN	3	825	0.4	0	825	0.0
84MILFORD	2	753	0.3	1	753	0.1
85MONROE	1	315	0.3	0	315	0.0
86MONTVILLE	4	307	1.3	0	307	0.0
87MORRIS	0	19	0.0	0	19	0.0
88NAUGATUCK	5	660	0.8	4	661	0.6
89NEW BRITAIN	42	2388	1.8	5	2394	0.2
90NEW CANAAN	0	404	0.0	0	404	0.0
91NEW FAIRFIELD	0	274	0.0	0	274	0.0
92NEW HARTFORD	1	55	1.8	0	55	0.0
93NEW HAVEN	147	4114	3.6	34	4158	0.8
94NEW LONDON	8	713	1.1	5	715	0.7
95NEW MILFORD	0	350	0.0	0	350	0.0
96NEWINGTON	0	188	0.0	0	188	0.0
97NEWTOWN	0	421	0.0	0	421	0.0
98NORFOLK	0	5	0.0	0	5	0.0
99NORTH BRANFORD	0	91	0.0	0	91	0.0
100NORTH CANAAN	0	4	0.0	0	4	0.0
101NORTH HAVEN	0	197	0.0	0	197	0.0
102NORTH STONINGTON	0	89	0.0	0	89	0.0
103NORWALK	14	2516	0.6	2	2518	0.1
104NORWICH	19	1020	1.9	2	1027	0.2
105OLD LYME	0	131	0.0	0	131	0.0
106OLD SAYBROOK	0	143	0.0	0	143	0.0
107ORANGE	0	155	0.0	0	155	0.0
108OXFORD	0	226	0.0	0	226	0.0

Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2005 Data	Number of Children	Total # Children	≥ 10 µg/dL	Number of Children	Total # Children	≥ 20 µg/dL
	with BLL	Screened with No	Incidence	with BLL	Screened with No	Incidence
	≥ 10 µg/dL	Previous BLL of	(%)	≥ 20 µg/dL	Previous BLL of	(%)
	For the First Time	≥ 10 µg/dL		For the First Time	≥ 20 µg/dL	
109PLAINFIELD	3	398	0.8	1	400	0.3
110PLAINVILLE	3	251	1.2	0	255	0.0
111PLYMOUTH	2	140	1.4	1	140	0.7
112POMFRET	1	87	1.1	0	87	0.0
113PORTLAND	0	126	0.0	0	126	0.0
114PRESTON	0	77	0.0	0	77	0.0
115PROSPECT	0	138	0.0	0	138	0.0
116PUTNAM	2	233	0.9	0	233	0.0
117REDDING	0	131	0.0	0	131	0.0
118RIDGEFIELD	2	284	0.7	0	284	0.0
119ROCKY HILL	0	190	0.0	0	190	0.0
120ROXBURY	0	18	0.0	0	18	0.0
121SALEM	0	58	0.0	0	58	0.0
122SALISBURY	0	9	0.0	0	10	0.0
123SCOTLAND	0	8	0.0	0	8	0.0
124SEYMOUR	5	341	1.5	1	344	0.3
125SHARON	2	12	16.7	1	12	8.3
126SHELTON	3	661	0.5	0	663	0.0
127SHERMAN	0	33	0.0	0	33	0.0
128SIMSBURY	1	210	0.5	0	210	0.0
129SOMERS	0	121	0.0	0	121	0.0
130SOUTH WINDSOR	0	303	0.0	0	303	0.0
131SOUTHBURY	0	246	0.0	0	246	0.0
132SOUTHINGTON	1	528	0.2	1	528	0.2
133SPRAGUE	1	64	1.6	1	64	1.6
134STAFFORD	3	185	1.6	0	185	0.0
135STAMFORD	17	3094	0.5	4	3095	0.1
136STERLING	0	86	0.0	0	86	0.0
137STONINGTON	4	415	1.0	1	415	0.2
138STRATFORD	9	986	0.9	1	987	0.1
139SUFFIELD	0	137	0.0	0	137	0.0
140THOMASTON	0	105	0.0	0	105	0.0
141THOMPSON	1	133	0.8	0	133	0.0
142TOLLAND	0	182	0.0	0	182	0.0
143TORRINGTON	10	224	4.5	1	226	0.4
144TRUMBULL	1	581	0.2	0	581	0.0
145UNION	0	7	0.0	0	7	0.0
146VERNON	3	388	0.8	0	390	0.0

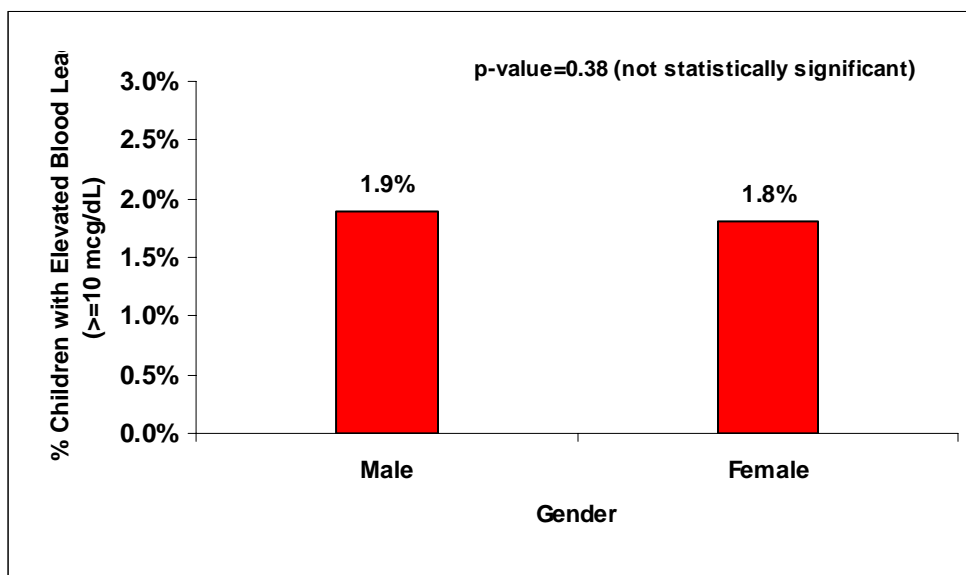
Numbers and Percents of New Confirmed Blood Lead Levels among Children Less Than Six Years of Age						
CY 2005 Data	Number of Children	Total # Children	≥ 10 µg/dL	Number of Children	Total # Children	≥ 20 µg/dL
	with BLL ≥ 10 µg/dL For the First Time	Screened with No Previous BLL of ≥ 10 µg/dL	Incidence (%)	with BLL ≥ 20 µg/dL For the First Time	Screened with No Previous BLL of ≥ 20 µg/dL	Incidence (%)
147VOLUNTOWN	0	50	0.0	0	50	0.0
148WALLINGFORD	2	759	0.3	0	760	0.0
149WARREN	0	9	0.0	0	9	0.0
150WASHINGTON	0	28	0.0	0	28	0.0
151WATERBURY	75	4429	1.7	22	4455	0.5
152WATERFORD	1	226	0.4	0	226	0.0
153WATERTOWN	0	329	0.0	0	329	0.0
154WEST HARTFORD	7	786	0.9	1	788	0.1
155WEST HAVEN	12	1138	1.1	1	1143	0.1
156WESTBROOK	0	105	0.0	0	105	0.0
157WESTON	0	218	0.0	0	218	0.0
158WESTPORT	1	639	0.2	0	639	0.0
159WETHERSFIELD	2	218	0.9	0	218	0.0
160WILLINGTON	0	57	0.0	0	57	0.0
161WILTON	1	420	0.2	0	420	0.0
162WINCHESTER	4	45	8.9	1	45	2.2
163WINDHAM	8	322	2.5	1	324	0.3
164WINDSOR	0	358	0.0	0	359	0.0
165WINDSOR LOCKS	1	90	1.1	0	90	0.0
166WOLCOTT	0	267	0.0	0	267	0.0
167WOODBIDGE	1	79	1.3	0	79	0.0
168WOODBURY	1	153	0.7	0	153	0.0
169WOODSTOCK	1	151	0.7	0	151	0.0
UNKNOWN	0	3	0.0	0	3	0.0



# DEMOGRAPHIC CHARACTERISTICS ASSOCIATED WITH ELEVATED BLOOD LEAD LEVELS

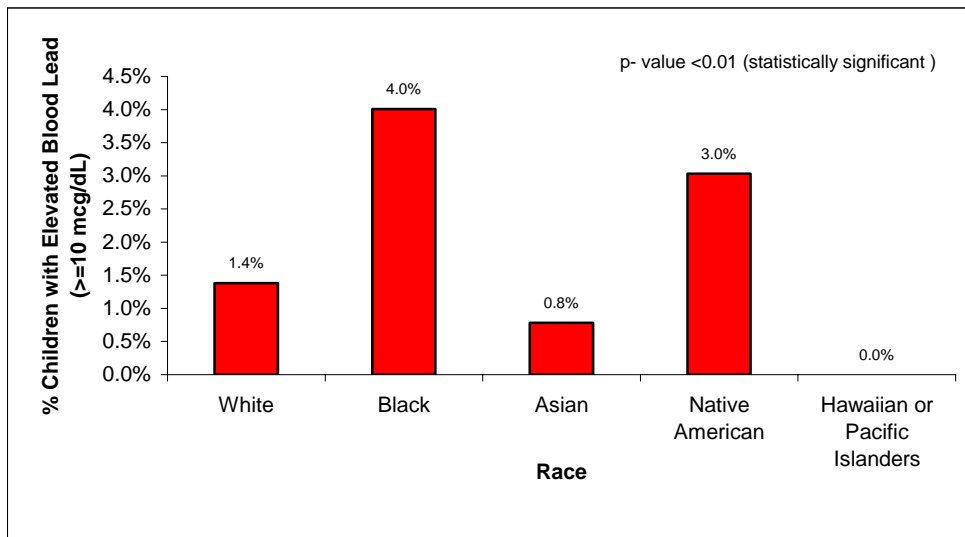
Children who were tested with a blood lead level of  $\geq 10 \mu\text{g/dL}$  are considered to have elevated blood lead. The following figures portray the association between certain demographic characteristics (e.g., gender, race, and ethnicity) and elevated blood lead levels.

Percent of children under 6 years of age with elevated blood lead, by gender – Connecticut CY 2005



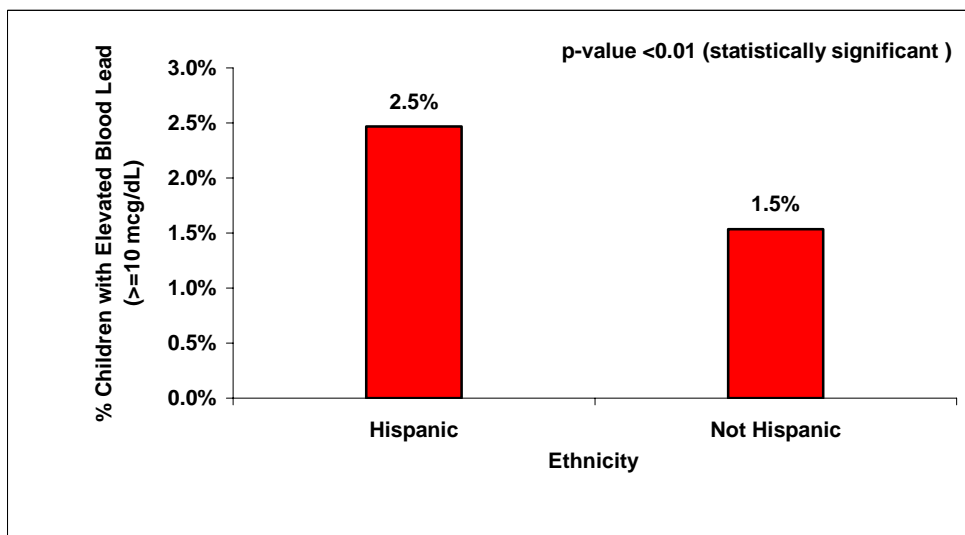
The percent of children with elevated blood lead level in males (1.9%) is similar to the percent in females (1.8%) among children under 6 years of age who had a confirmed blood lead test in 2005.

### Percent of children under 6 years of age with elevated blood lead, by race – Connecticut CY 2005



Among children under 6 years of age who had a confirmed blood lead test in 2005, Blacks (4.0%) or Native Americans (3.0%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Whites (1.4%) or Asians (0.8%).

### Percent of children under 6 years of age with elevated blood lead, by ethnicity – Connecticut CY 2005



Among children under 6 years of age who had a confirmed blood lead test in 2005, Hispanics (2.5%) were more likely to have elevated blood lead levels of  $\geq 10$   $\mu\text{g}/\text{dL}$  than Non-Hispanics (1.5%).

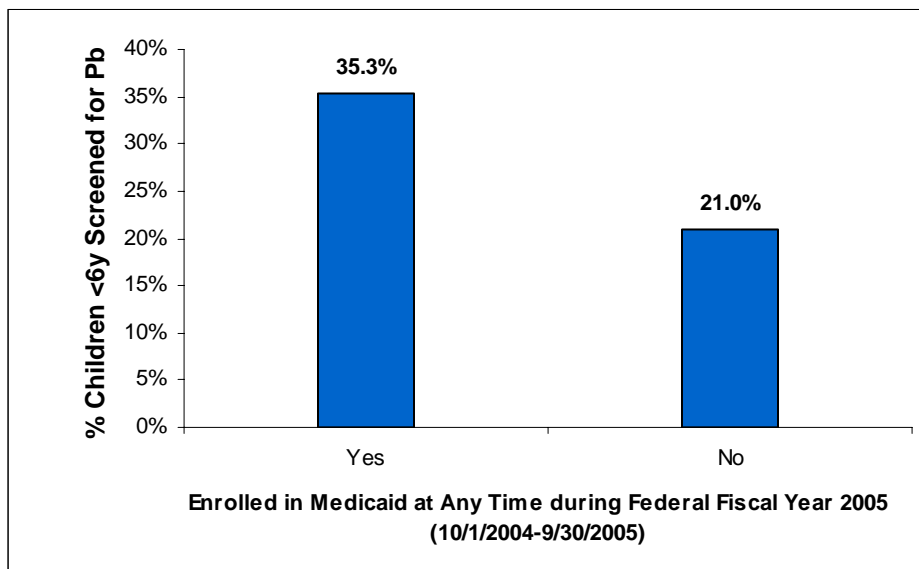
## MEDICAID VS. NON-MEDICAID

The Connecticut Department of Public Health and the Connecticut Department of Social Services (DSS) have had a no cost Memorandum of Understanding 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, 2003, 2004, and 2005. In the FFY 2005 Medicaid enrollment data, 87,461 children under 6 years of age were enrolled in Medicaid HUSKY A at some time during FFY2005 (10/1/2004 to 9/30/2005). 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 182,726 children were not enrolled in Medicaid HUSKY A at any time during federal fiscal year 2005. The following figures portray the association between Medicaid enrollment and lead screening and elevated blood lead levels.

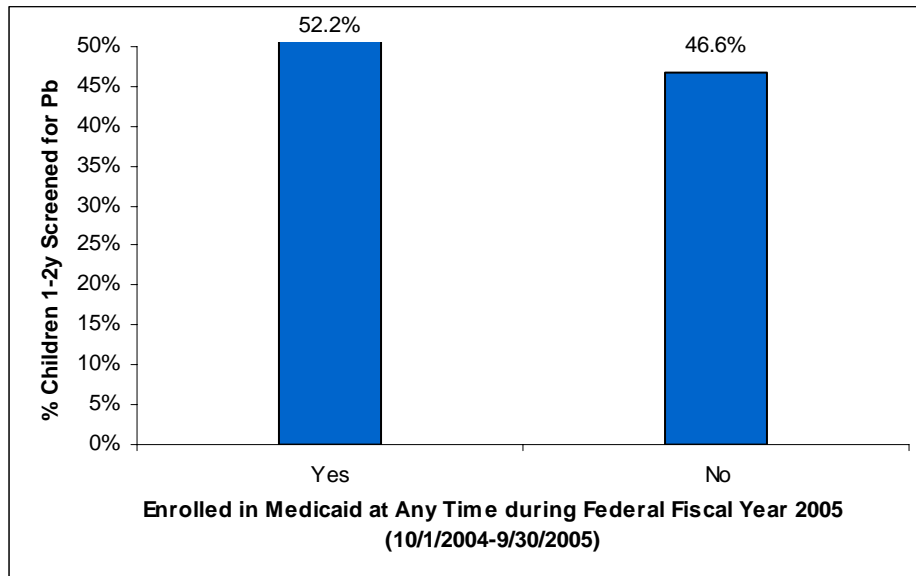
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### Percent of children under 6 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2005



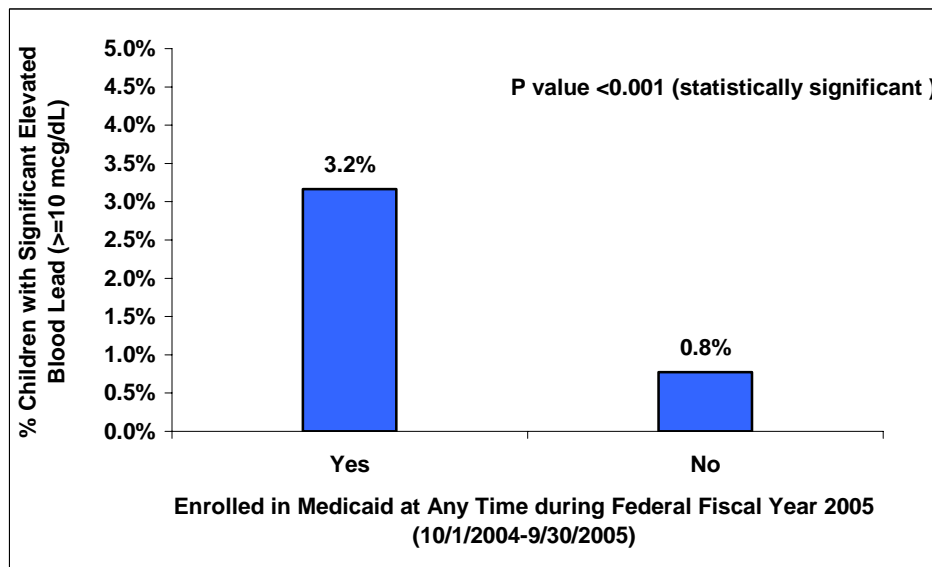
In CY 2005, 35.3% of children under 6 years of age who were enrolled in Medicaid at some time during FFY 2005 (10/1/2004 to 9/30/2005) had a lead screening, while 21.0% of children under 6 years of age who were not enrolled in Medicaid at any time during FFY 2005 had a lead screening.

**Percent of children 1-2 years of age who had a lead screening, by Medicaid enrollment – Connecticut CY 2005**



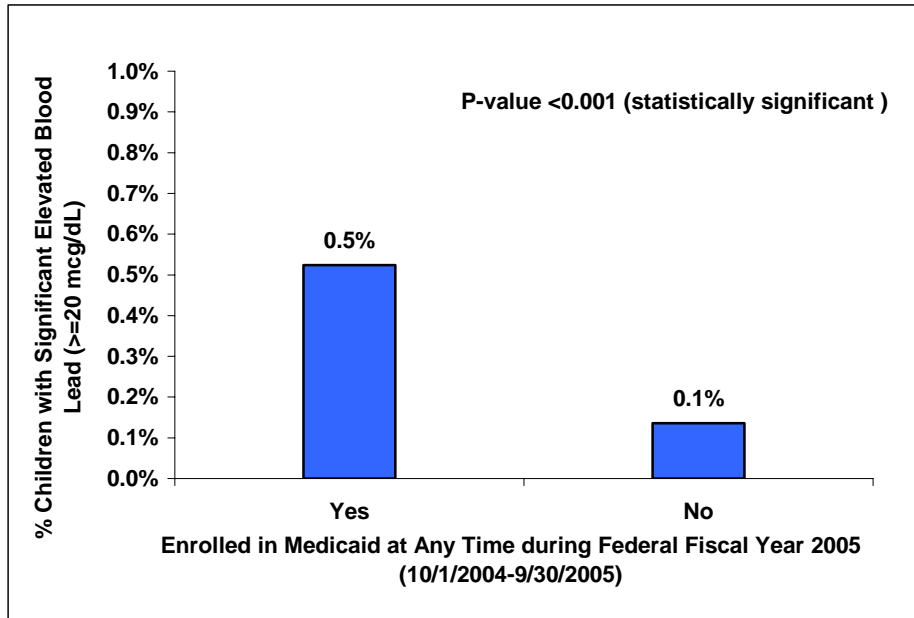
In CY 2005, 52.2% of children 1-2 years of age who were enrolled in Medicaid at some time during FFY 2005 (10/1/2004 to 9/30/2005) had a lead screening, while 46.6% of children 1-2 years of age who were not enrolled in Medicaid at any time during FFY 2005 had a lead screening.

**Percent of children under 6 years of age with elevated blood lead ( $\geq 10 \mu\text{g/dL}$ ), by Medicaid enrollment – Connecticut CY 2005**



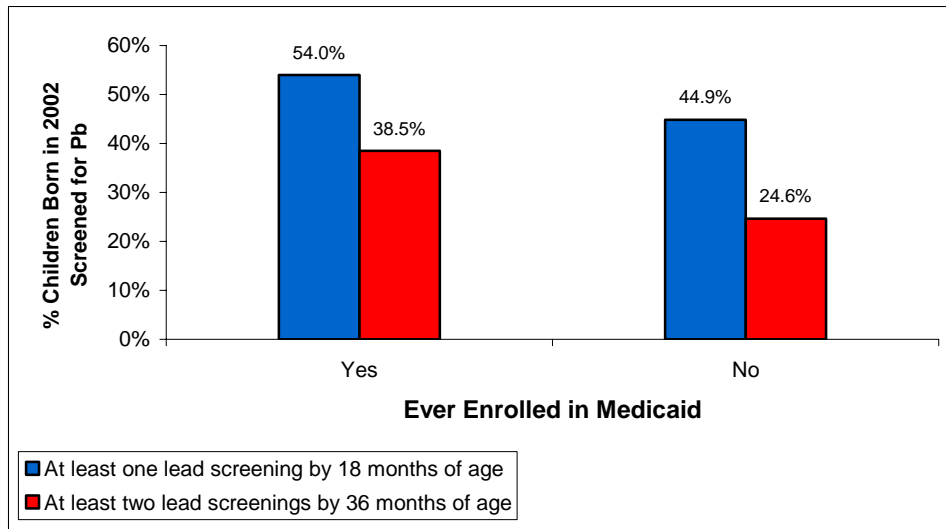
Among children under 6 years of age who had a confirmed blood lead test in 2005, those who were enrolled in Medicaid (3.2%) at some time during FFY 2005 (10/1/2004 to 9/30/2005) were more likely to have elevated blood lead levels of  $\geq 10 \mu\text{g/dL}$  than those who were not enrolled in Medicaid (0.8%) at any time during FFY2005.

**Percent of children under 6 years of age with significant elevated blood lead ( $\geq 20$   $\mu\text{g/dL}$ ), by Medicaid enrollment – Connecticut CY 2005**



Among children under 6 years of age who had a confirmed blood lead test in 2005, those who were enrolled in Medicaid (0.5%) at some time during FFY 2005 (10/1/2004 to 9/30/2005) 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 FY 2005.

**Percent of children born in year 2002 who have had at least one/two screening(s) by 18/36 months of age, by Medicaid enrollment**



For children born in 2002, those who were enrolled in Medicaid at some 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 (54.0% vs. 38.5%) and two lead screenings by 36 months (38.5% vs. 24.6%).



Photos in this report are used by permission from Andrew Graphics, Inc. These children are **not** lead poisoned. The goal of the Department of Public Health is for **all** children to be safe from lead poisoning.

