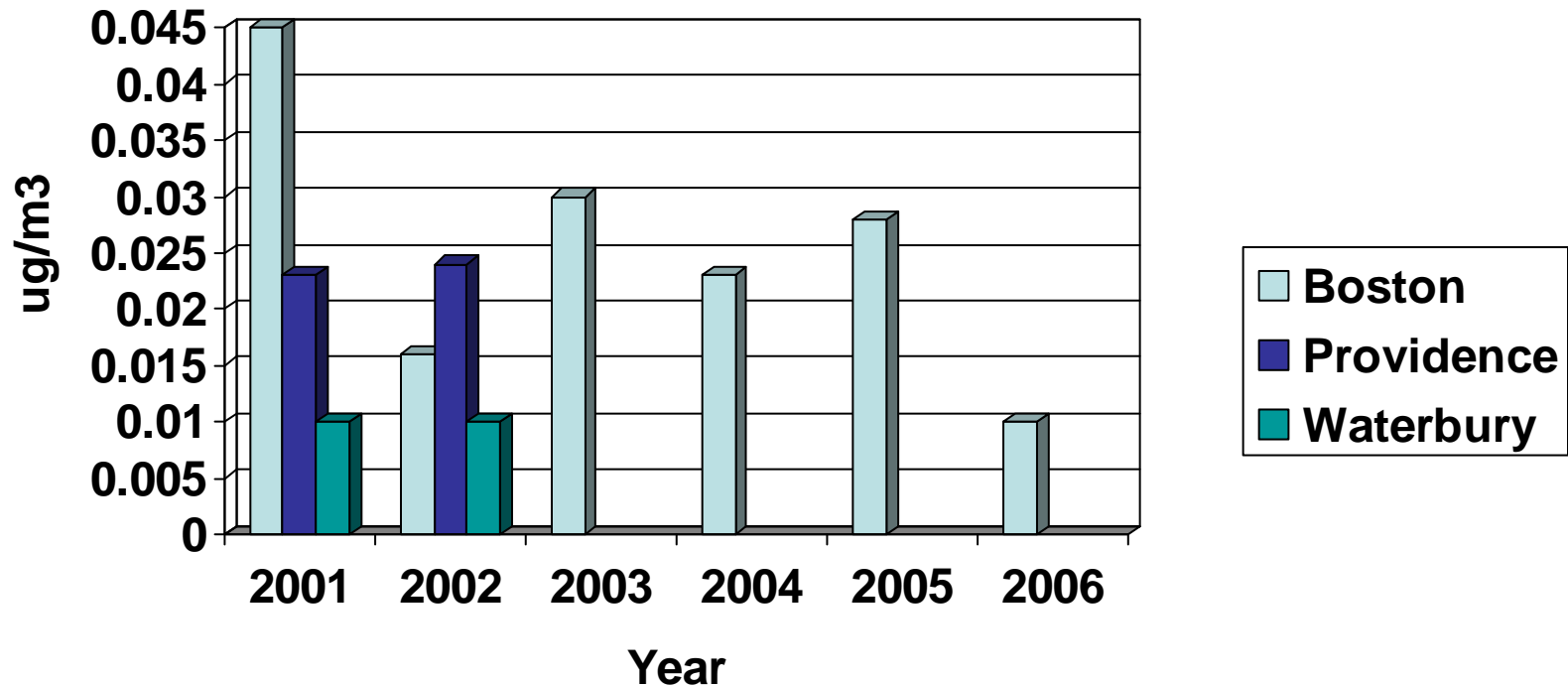


Ambient Lead Levels in New England

Maximum Monthly Pb Concentrations*



* Incomplete data set

Strengthening the Lead Monitoring Network- Location

- According to NE States- there are no lead sources in excess of 1 ton per year (TPY).
- Eight New England areas that are CBSAs greater than 500,000
 - Boston-Cambridge-Quincy, MA-NH
 - Providence-New Bedford-Fall River, RI-MA
 - Hartford-West Hartford-East Hartford, CT
 - Bridgeport-Norwalk-Stamford, CT
 - New Haven-Milford, CT
 - Worcester, MA
 - Springfield, MA
 - Portland-South Portland-Biddeford, ME

Strengthening the Lead Monitoring Network- Location

- Nine Region 2 areas that are CBSAs greater than 500,000
 - Albany-Schenectady-Troy, NY
 - Allentown-Bethlehem-Easton, PA-NJ
 - Buffalo-Niagara Falls, NY
 - New York-Northern New Jersey-Long Island, NY-NJ-PA
 - Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
 - Poughkeepsie-Newburgh-Middletown, NY
 - Rochester, NY
 - San Juan-Caguas-Guaynabo, PR
 - Syracuse, NY

Location of current PM10 monitoring sites* in New England CBSAs

- Boston-Cambridge-Quincy, MA-NH
 - (Boston (2), Chelmsford, Portsmouth)
- Providence-New Bedford-Fall River, RI-MA
 - (Providence (2), Pawtucket)
- Hartford-West Hartford-East Hartford, CT
 - (East Hartford)
- Bridgeport-Norwalk-Stamford, CT
 - (Bridgeport, Norwalk, Westport)
- New Haven-Milford, CT
 - (New Haven (2))
- Worcester, MA
 - (Worcester)
- Springfield, MA
 - (Springfield, Ware)
- Portland-South Portland-Biddeford, ME
 - (Portland)

* No differentiation between low volume and high volume samplers on this list

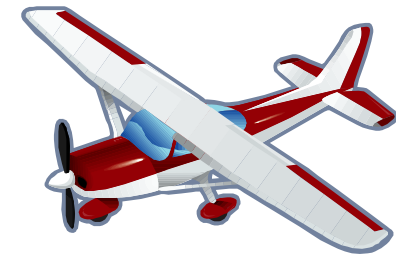
Lead Monitoring Network

-Will these sites adequately represent status relative to the lead NAAQS?

(Need to utilize high vol TSP monitor if $0.10 \mu\text{g}/\text{m}^3$ is exceeded)

-Interest/ need to monitor elsewhere? (larger sources, general aviation airport, race tracks)

Airports..?



MA	MIDDLESEX	LAURENCE G HANSCOM FLD	533 KG
MA	SUFFOLK	GENERAL EDWARD LAWRENCE	448 KG
MA	WORCESTER	FITCHBURG MUNI	412 KG
MA	NANTUCKET	NANTUCKET MEMORIAL	354 KG
MA	BARNSTABLE	PROVINCETOWN MUNI	328 KG
NH	HILLSBOROUGH	BOIRE FIELD	308 KG
MA	BARNSTABLE	BARNSTABLE MUNI-BOARDMA	292 KG
CT	FAIRFIELD	DANBURY MUNI	287 KG
MA	PLYMOUTH	PLYMOUTH MUNI	265 KG
CT	HARTFORD	HARTFORD-BRAINARD -72.65	253 KG
CT	FAIRFIELD	IGOR I SIKORSKY MEMORIA	246 KG
MA	ESSEX	LAWRENCE MUNI	236 KG
CT	NEW HAVEN	WATERBURY-OXFORD	232 KG
MA	ESSEX	BEVERLY MUNI	228 KG
VT	CHITTENDEN	BURLINGTON INTL	218 KG
RI	KENT	THEODORE FRANCIS GREEN	215 KG
ME	CUMBERLAND	PORTLAND INTL JETPORT	210 KG
NH	MERRIMACK	CONCORD MUNI	208 KG

Example Sources- (in NESCAUM Region) ?

•Revere Smelting & Refining Corp, Walkill, NY	1.80 ton Pb/yr (2002 NEI)
•Buffalo China Inc., Buffalo, NY	1.54 ton Pb/yr (2002 NEI)
•Corning Inc. – Fallbrook Plant, Corning, NY	0.98 ton Pb/yr (2002 NEI)
•MDC/ Hartford WPCF, Hartford, CT	1.50 ton Pb/yr (2002 NEI)
•Peter Paul Electronics, New Britain, CT	0.44 ton Pb/yr (2002 NEI)
•C & M Corp., Wauregan, CT	0.27 ton Pb/yr (2002 NEI)
•Wheelabrator Bridgeport LP, Bridgeport, CT	0.18 ton Pb/yr (2002 NEI)

