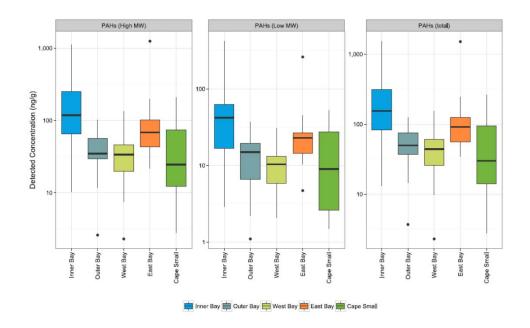
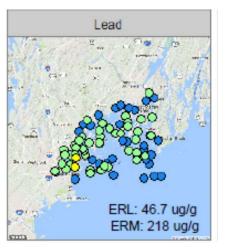
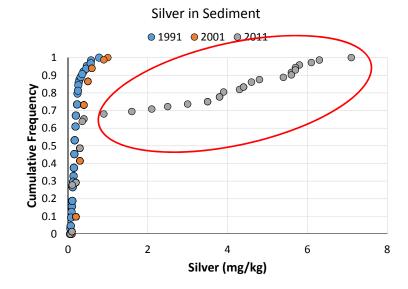
- Integrate data, calculate sums
- Calculate summary statistics (baywide and by region)
 - Focusing on detects
- Plot data (box and whiskers and maps)





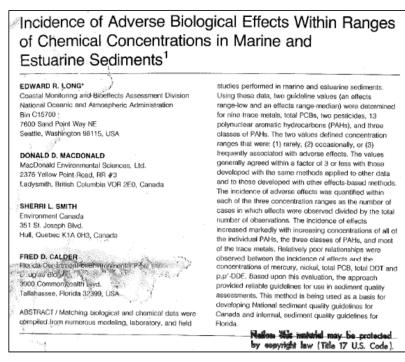


- Integrate data, calculate sums
- Calculate summary statistics (baywide and by region)
 - Focusing on detects
- Plot data (box and whiskers and maps)
- Exploratory analysis (identify data issues)





- Integrate data, calculate sums
- Calculate summary statistics (baywide and by region)
 - Focusing on detects
- Plot data (box and whiskers and maps)
- Exploratory analysis (identify data issues)
- Comparison to screening values



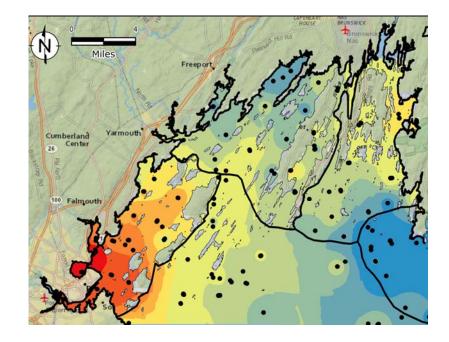
Adverse effects in <u>aquatic organisms</u> (invertebrates and fish)

Effects Range Low (ERL): Concentration at which effects rarely observed

Effects Range Median (ERM): Concentration above which effects are frequently observed

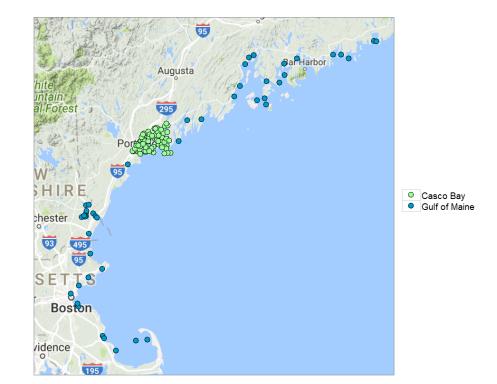


- Integrate data, calculate sums
- Calculate summary statistics (baywide and by region)
 - · Focusing on detects
- Plot data (box and whiskers and maps)
- Exploratory analysis (identify data issues)
- Comparison to screening values
- Statistical analysis (by region and time)
- Geospatial analysis to illustrate notable trends



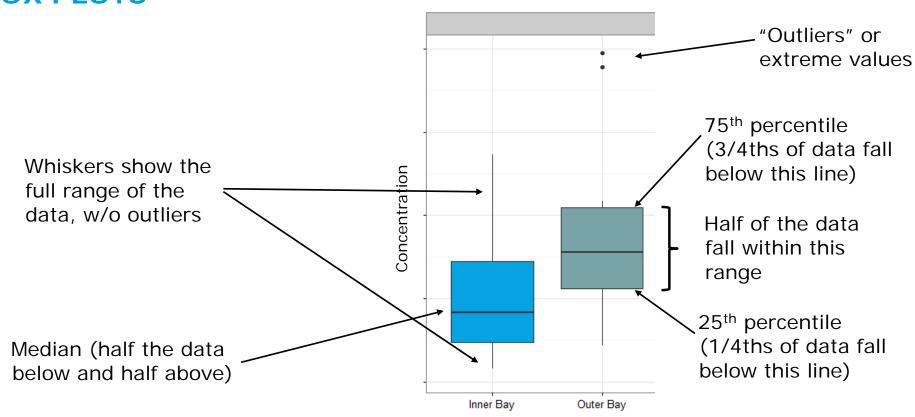


- Integrate data, calculate sums
- Calculate summary statistics (baywide and by region)
 - · Focusing on detects
- Plot data (box and whiskers and maps)
- Exploratory analysis (identify data issues)
- Comparison to screening values
- Statistical analysis (by region and time)
- Geospatial analysis to illustrate notable trends
- Comparison to rest of Gulf of Maine



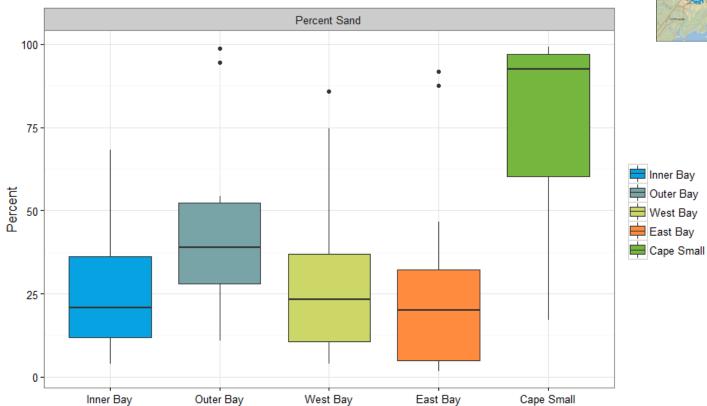


RESULTS: 2010-2011 DATA BOX PLOTS





RESULTS: 2010-2011 DATA SEDIMENT GRAIN SIZE

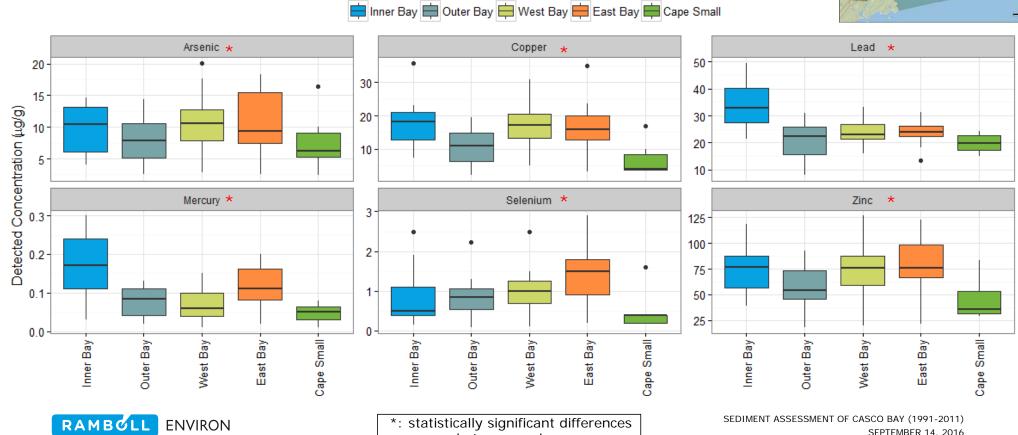




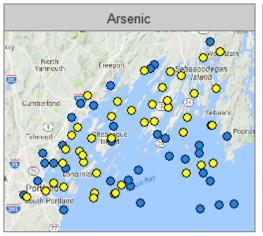
RESULTS: 2010-2011 DATA EXAMPLE METALS

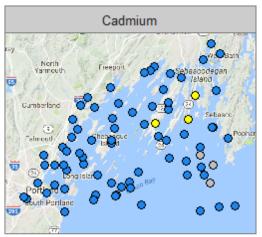


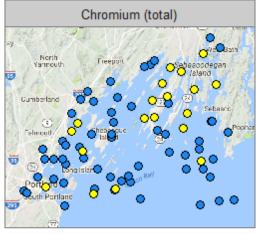
SEPTEMBER 14, 2016

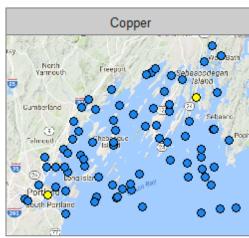


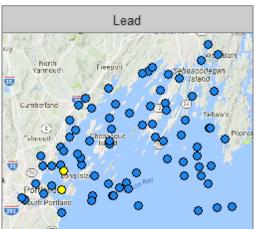
between regions

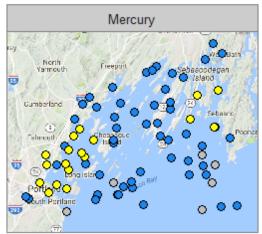


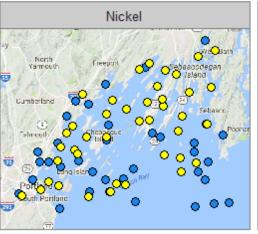


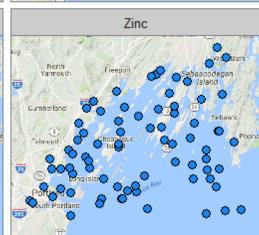














Above ERM

Between ERM and ERL

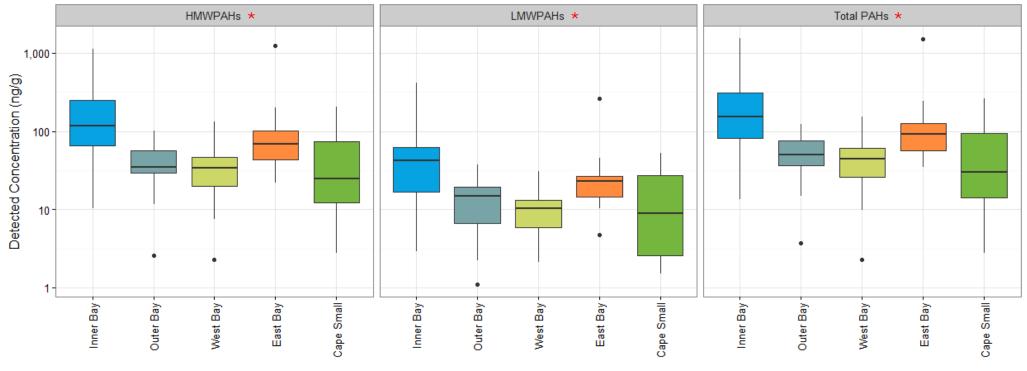
Below ERL

Not Detected

RESULTS: 2010-2011 DATA PAHS



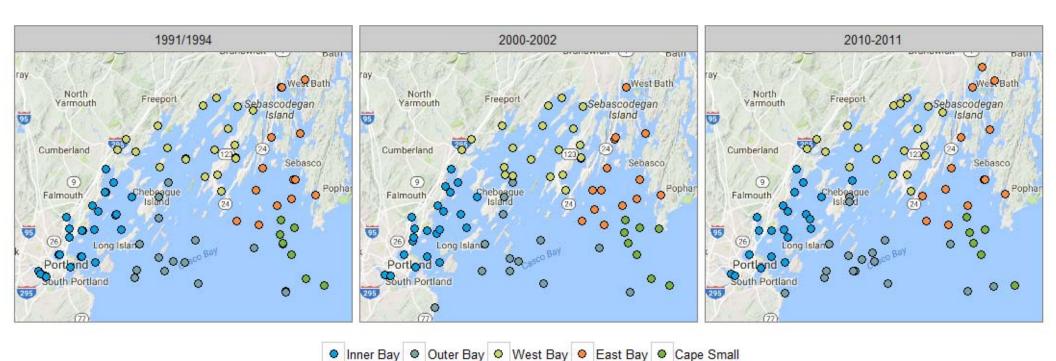




RAMBOLL ENVIRON

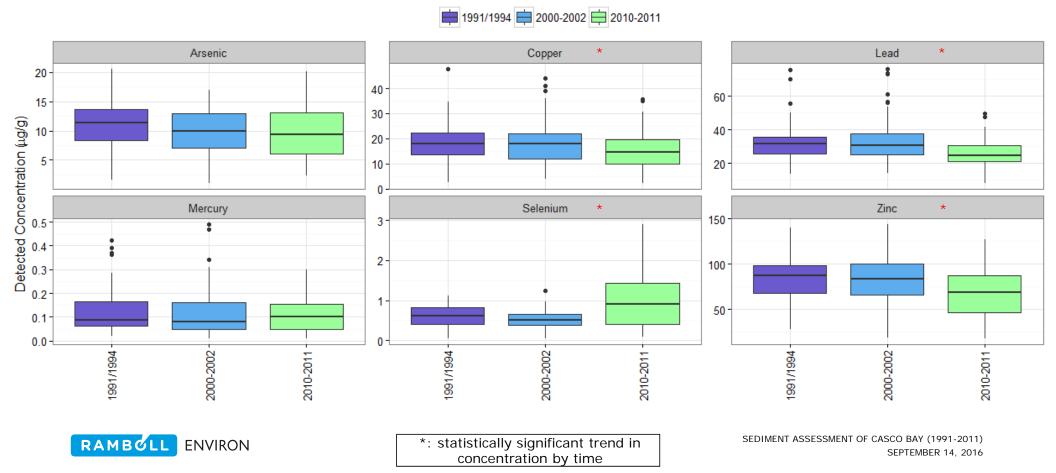
*: statistically significant differences between regions

RESULTS: 1991-2011 CASCO BAY

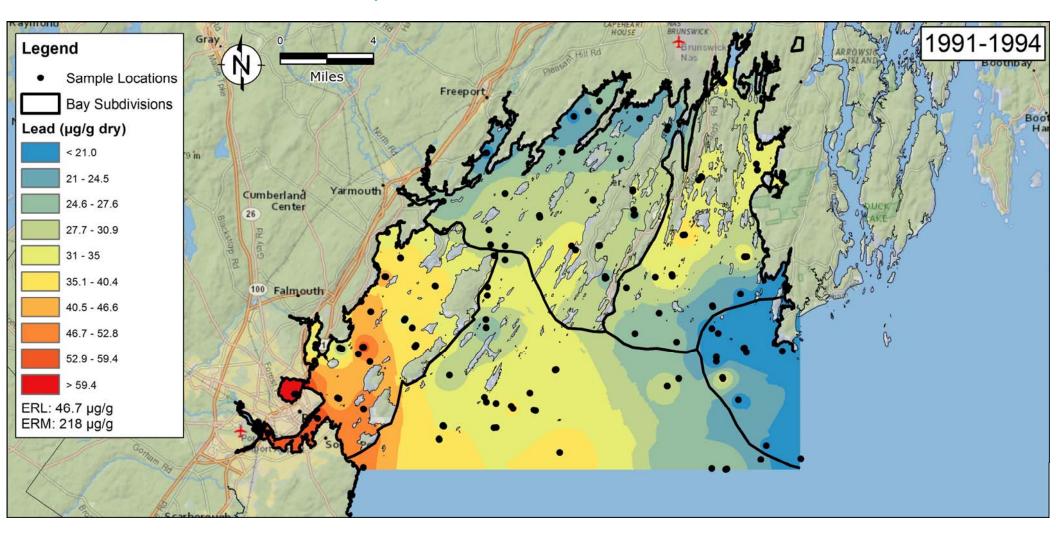




RESULTS: 1991-2011 CASCO BAY METALS



LEAD IN CASCO BAY, 1991-2011



LEAD IN CASCO BAY, 1991-2011

