

# Lead Accumulation in St. John's: Health Risk and RBCA

Presented by

David A. Rae, Ph.D., P.Geo.

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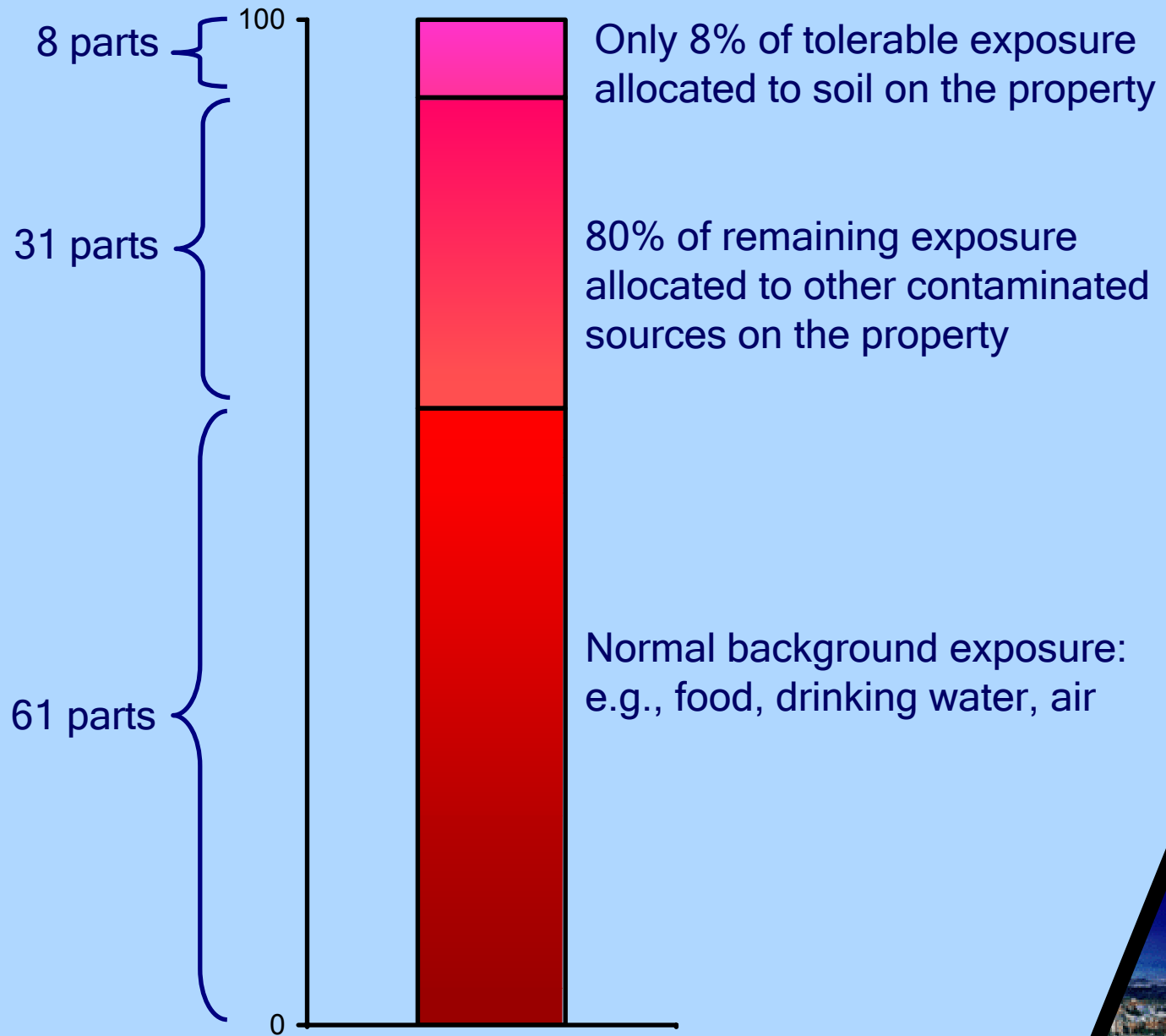
St. John's, NL



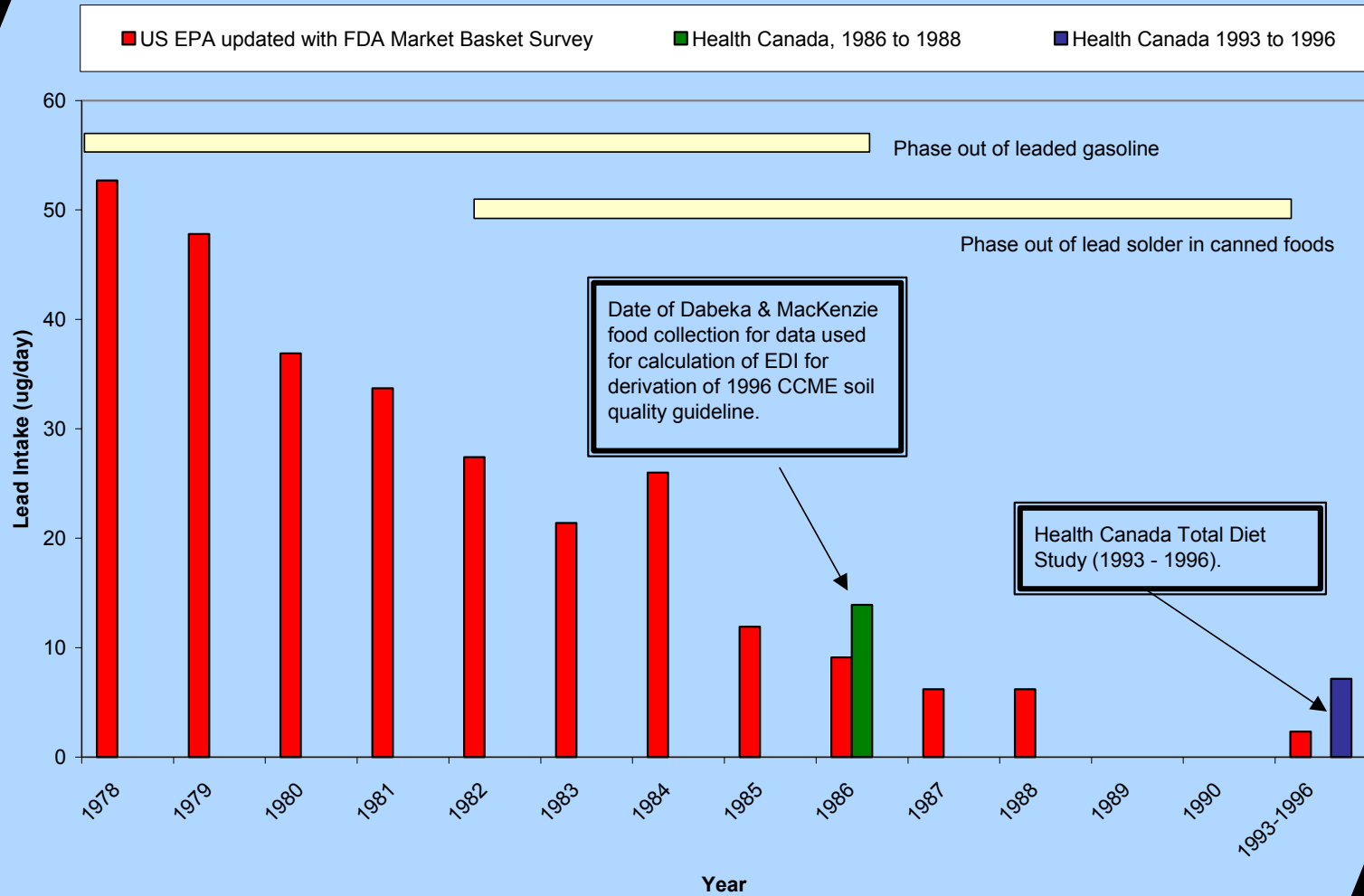
# Outline

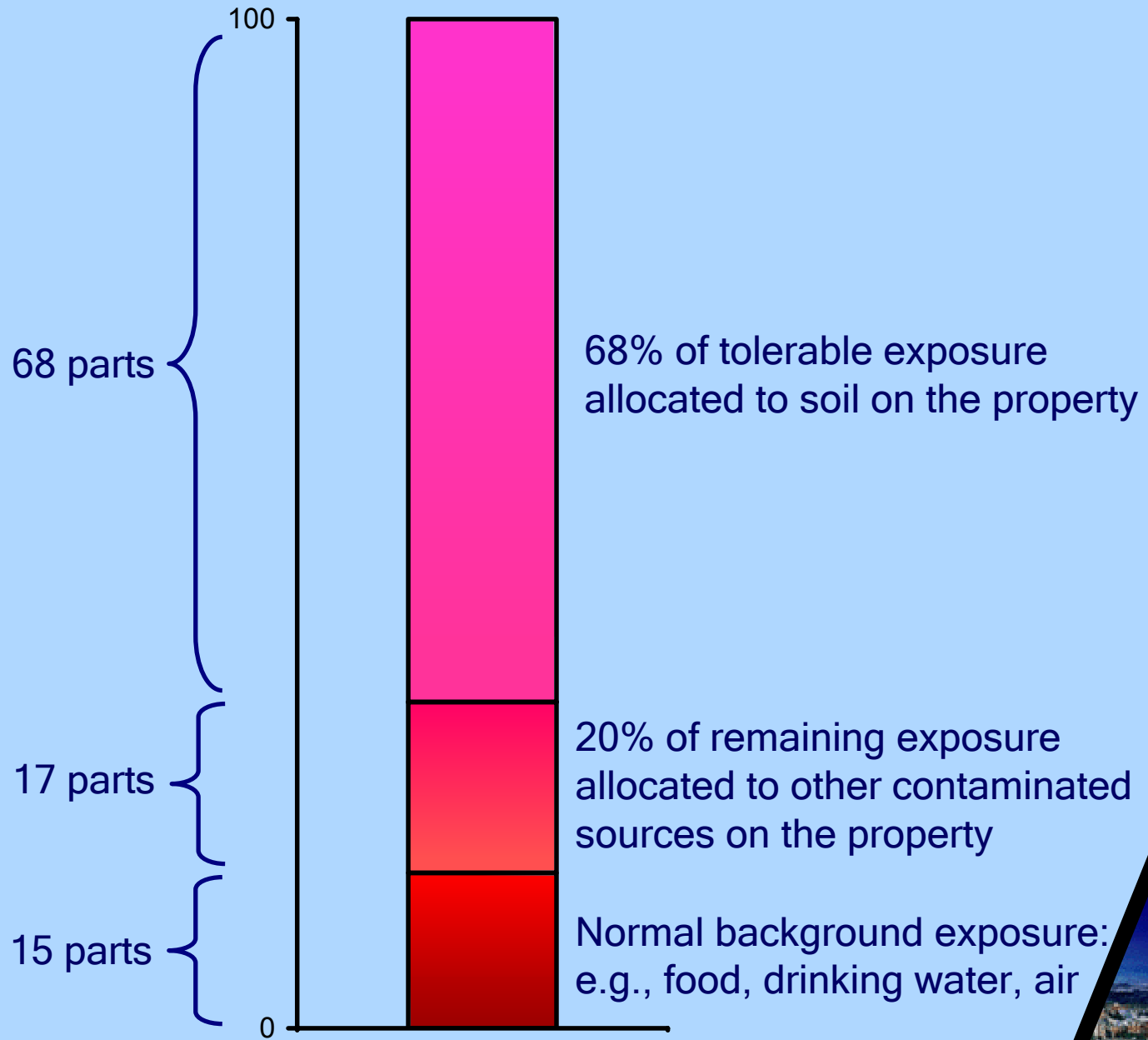
- Understanding the guidelines
- Understanding soil results
- Comparison to other communities
- RBCA
  - ❖ Intervention vs Abatement





### Dietary Lead Intake 1978 to 1996 Toddler, 7 months to 4 years old





# Comparison of Guidelines

<u>Jurisdiction</u>	<u>Soil Lead Guideline (mg/kg)</u>
■ British Columbia	500
■ Ontario 1994, IU/BK model	600
■ Ontario, ULN	500
■ Ontario, Port Colborne	400/1,000
■ Quebec	500
■ US EPA, play areas	400
■ US EPA, rest of yard	1,200

