

# **HUD Perspective**

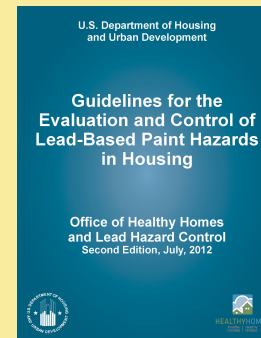
## ***Lead in Urban Soils Workshop***

### ***EPA Region 3***



**HEALTHYHOMES**

Healthy Families | Healthy Children



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**U.S. Department of Housing and Urban Development**  
**Office of Lead Hazard Control and Healthy Homes**  
**September 15, 2015**



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# Major HUD soil lead documents

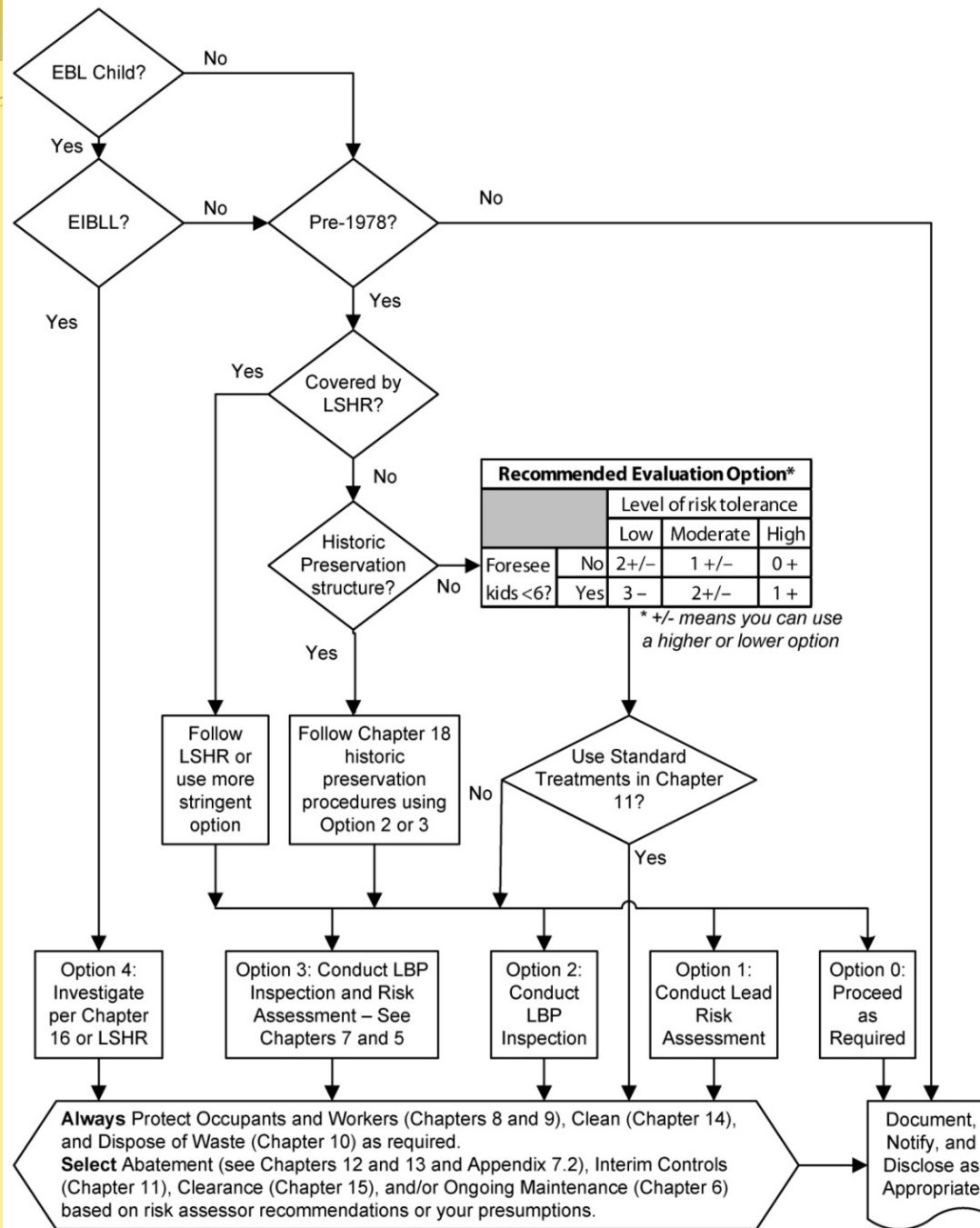
- HUD Guidelines: Discusses soil lead stds. in:
  - Chapter 1 – Introduction
  - Chapter 5 – Risk Assessment
  - Chapter 15 – Clearance
- Lead Safe Housing Rule: Covers HUD-assisted and HUD-owned target housing
- EPA 403 standards (incorporated into LSHR)



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The whole of the HUD Guidelines in one figure!



NOTE: Check if Federal, state, or local laws and regulations apply. If so, follow them wherever they are more stringent. LSHR stands for Lead Safe Housing Rule (24 CFR 35 subparts B-R).



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# National surveys of lead in housing

- National Survey of Lead and Allergens in Housing (partnered with NIEHS)
  - 1998-1999; 831 nationally representative housing units
- American Healthy Homes Survey (partnered with EPA/ORD)
  - 2005-2006; 1131 nationally representative housing units

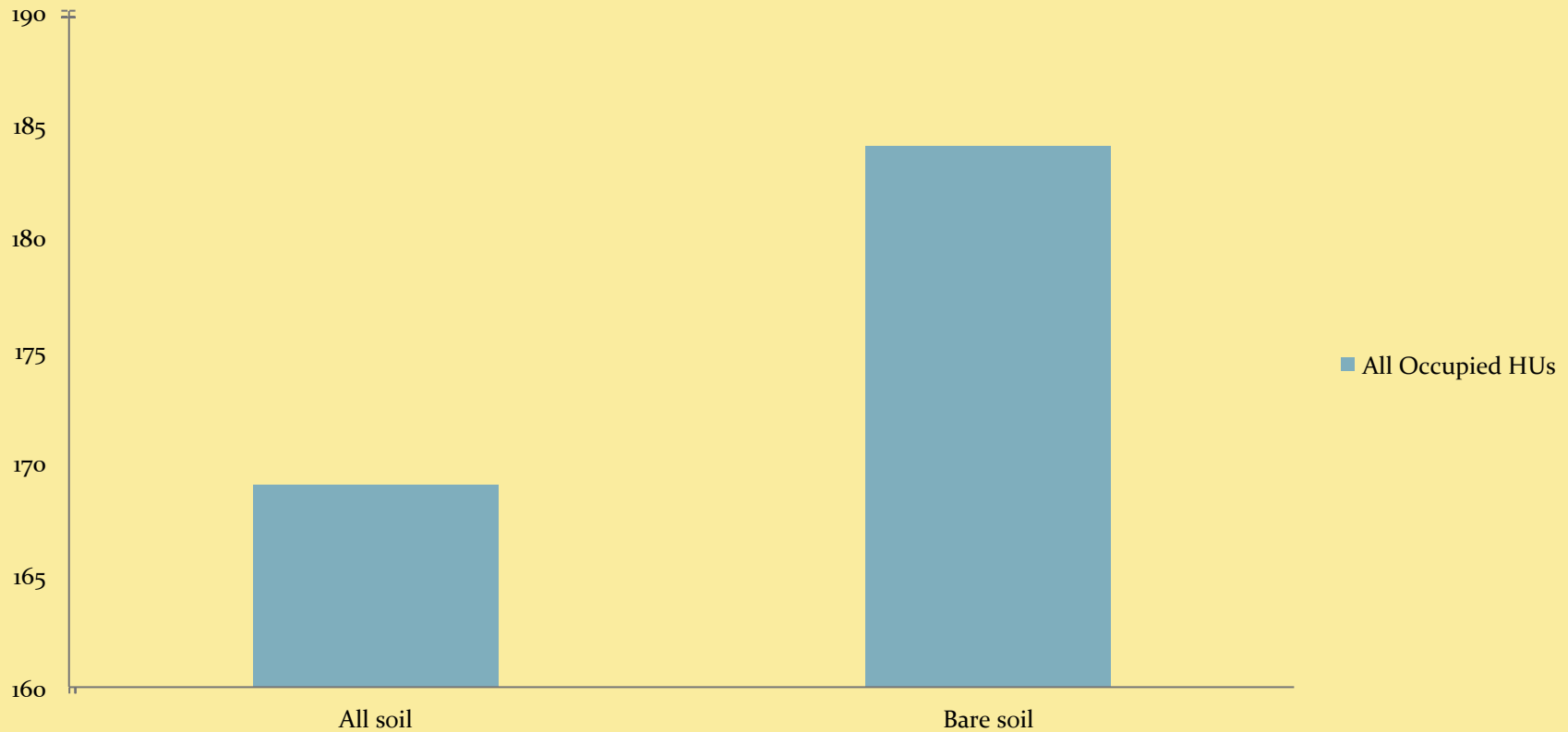


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# AHHS Mean Soil, Bare Soil Pb (ppm)

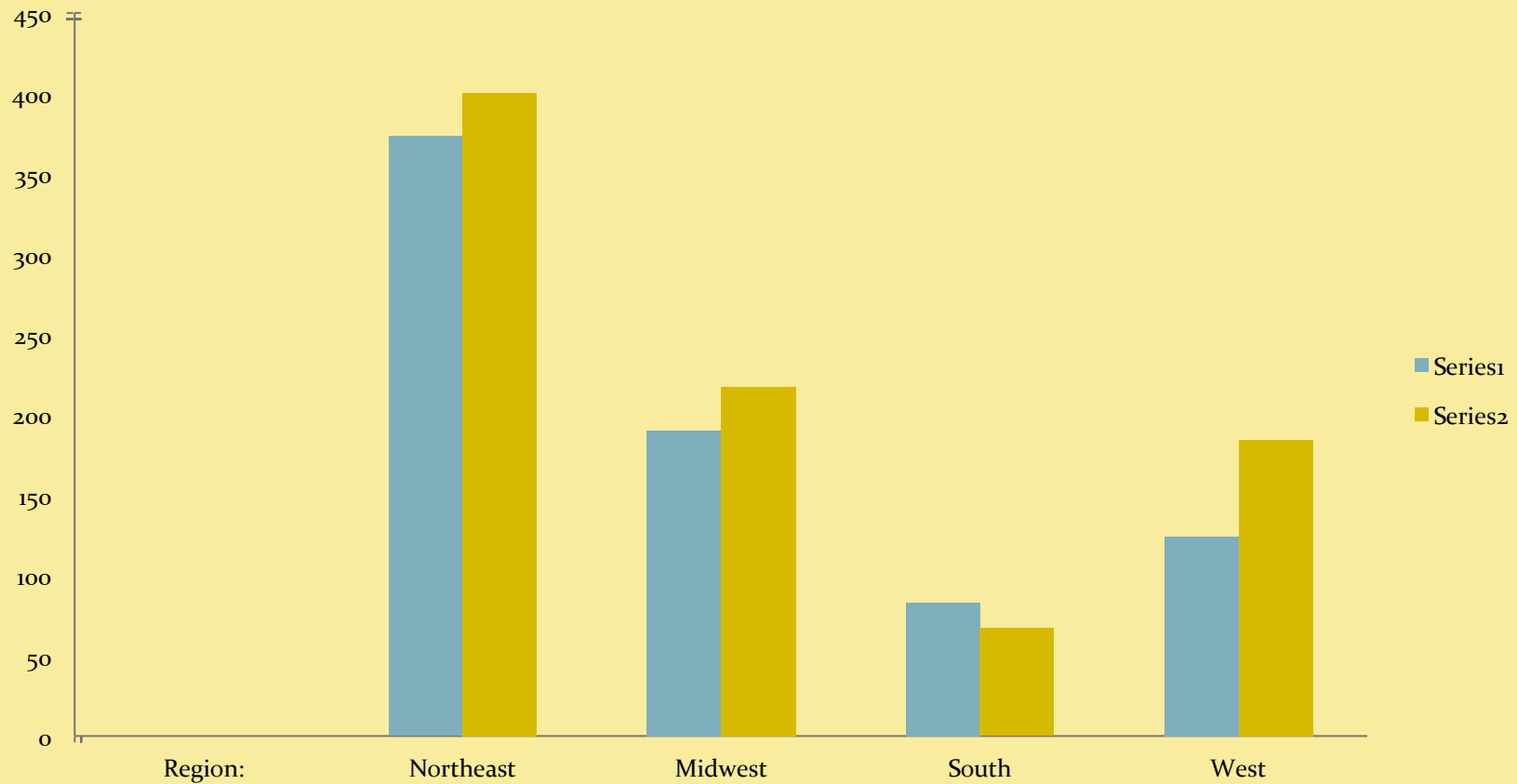
All Occupied HUs





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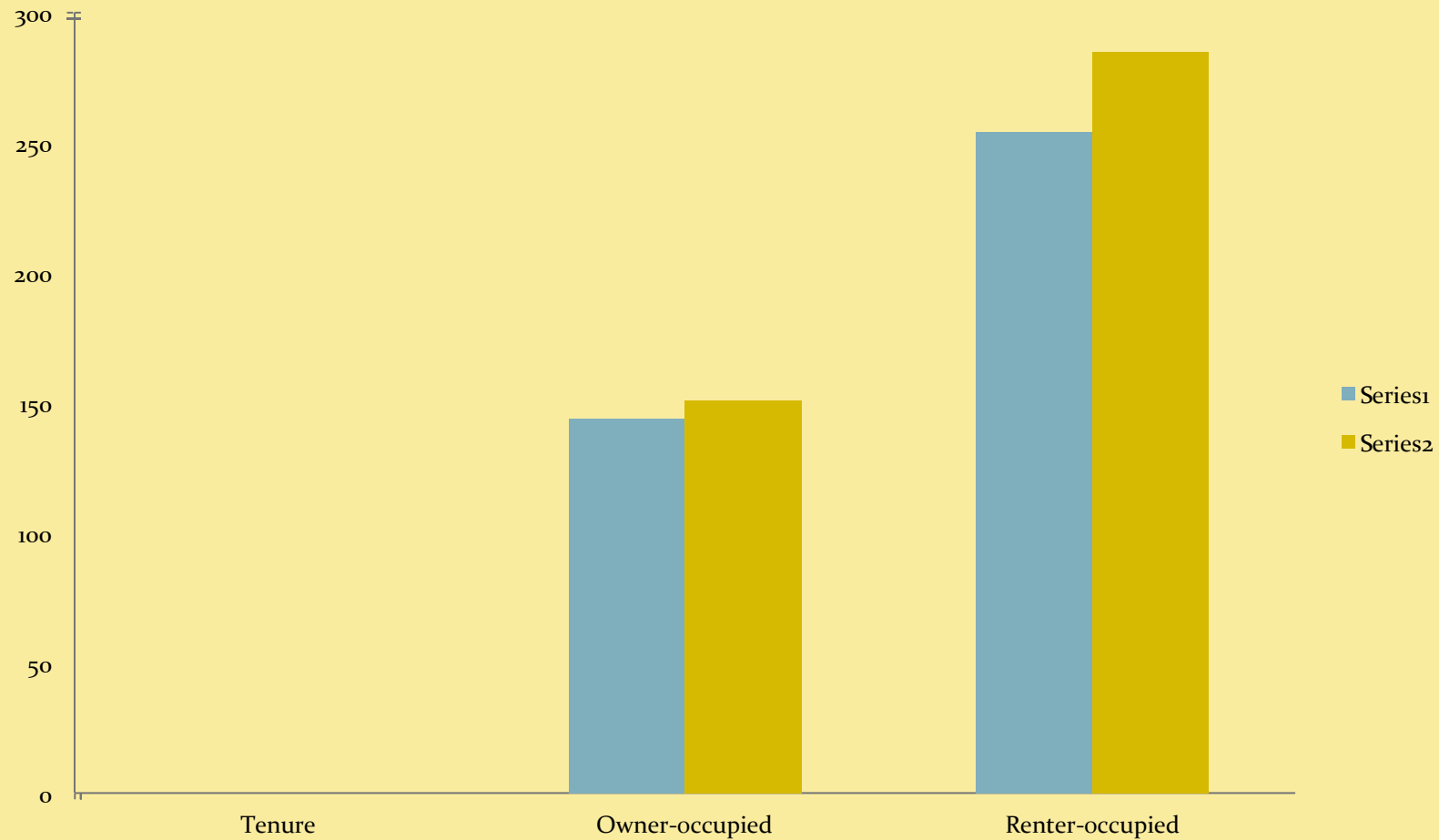
# Soil, Bare Soil Pb (ppm) by region





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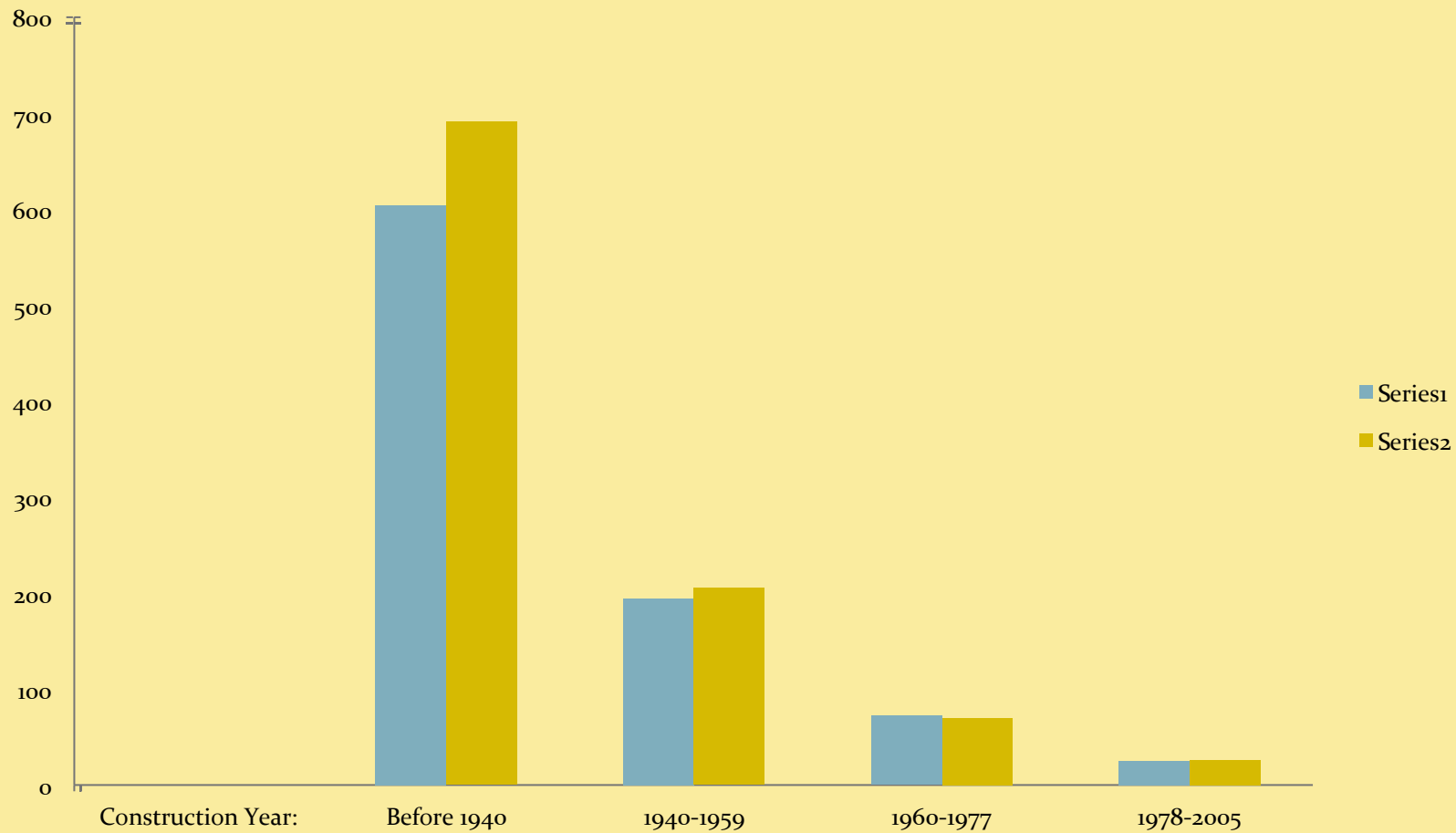
# Soil, Bare Soil Pb (ppm) by tenure





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# Soil, Bare Soil Pb (ppm) by year built

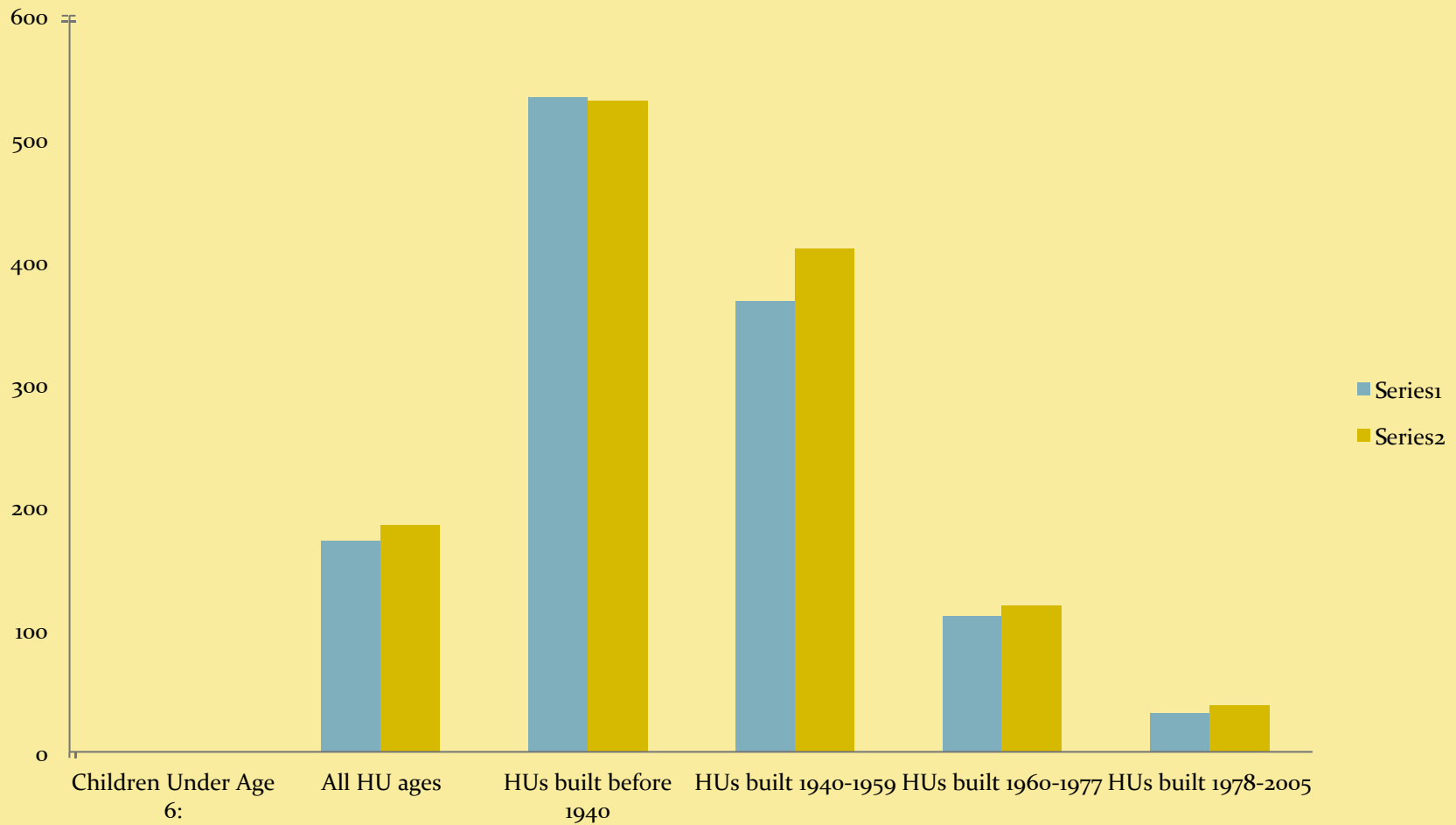






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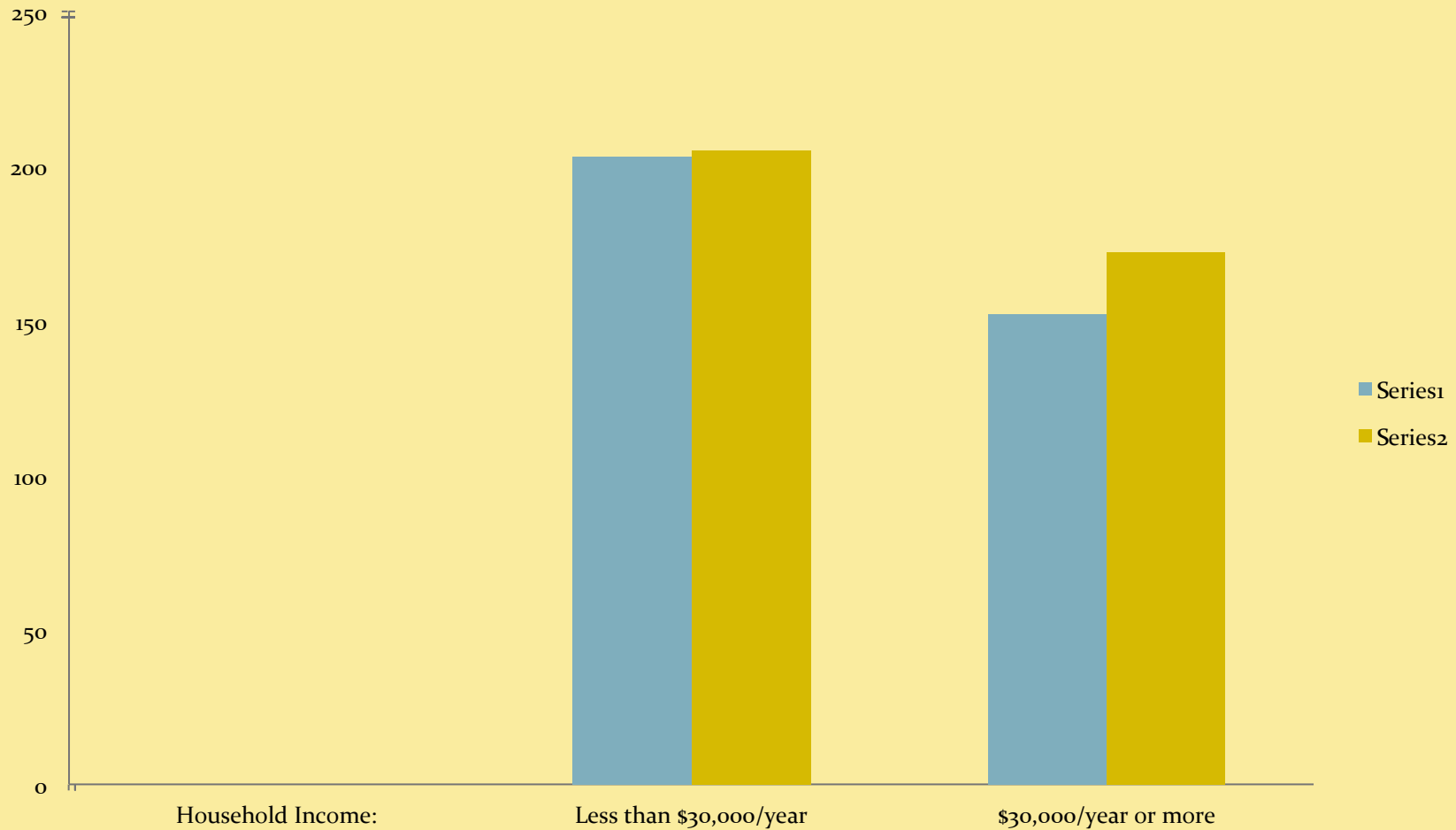
# Soil, Bare Soil Pb (ppm) by year built with children <6 y





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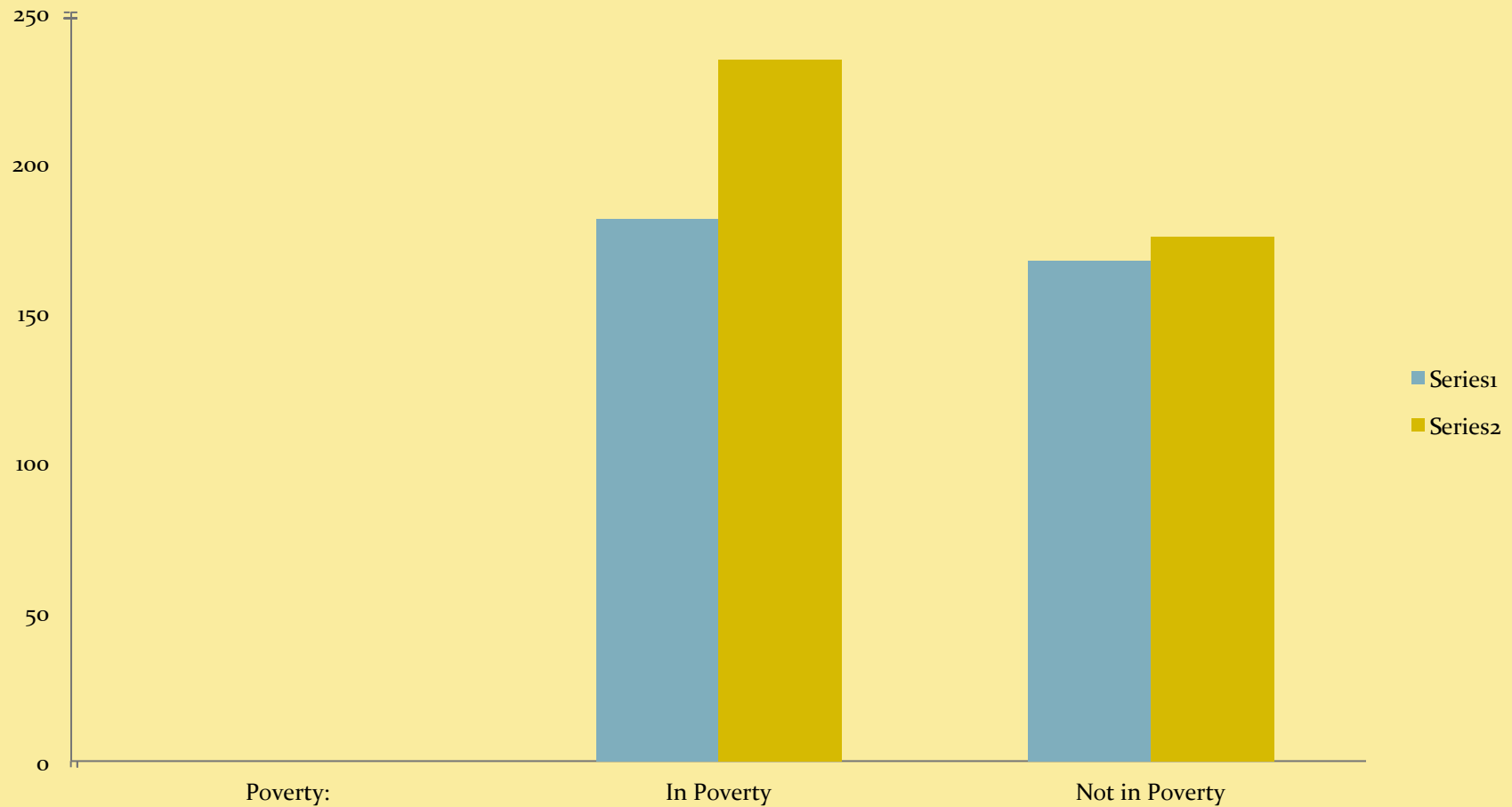
# Soil, Bare Soil Pb (ppm) by household income





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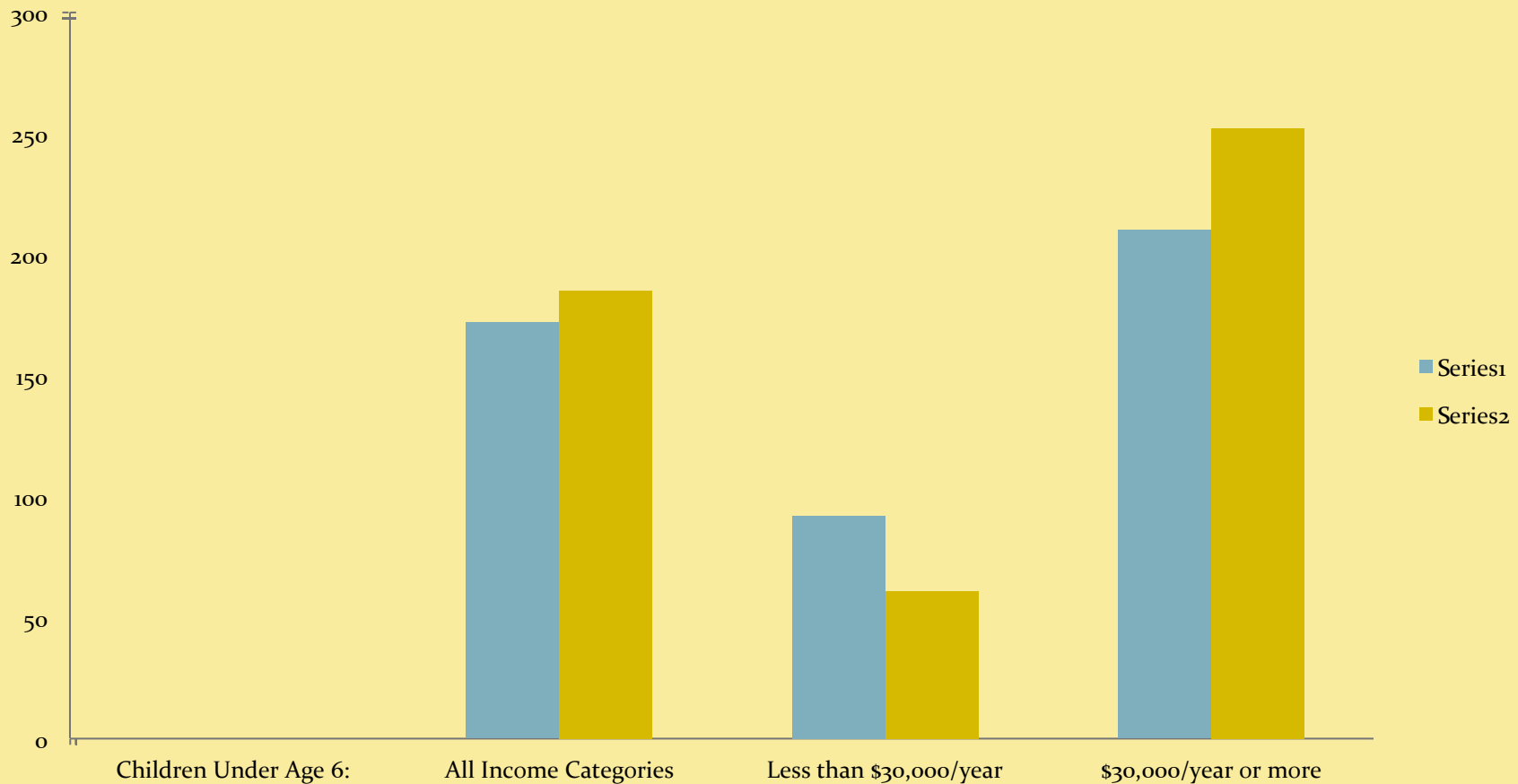
# Soil, Bare Soil Pb (ppm) by Poverty





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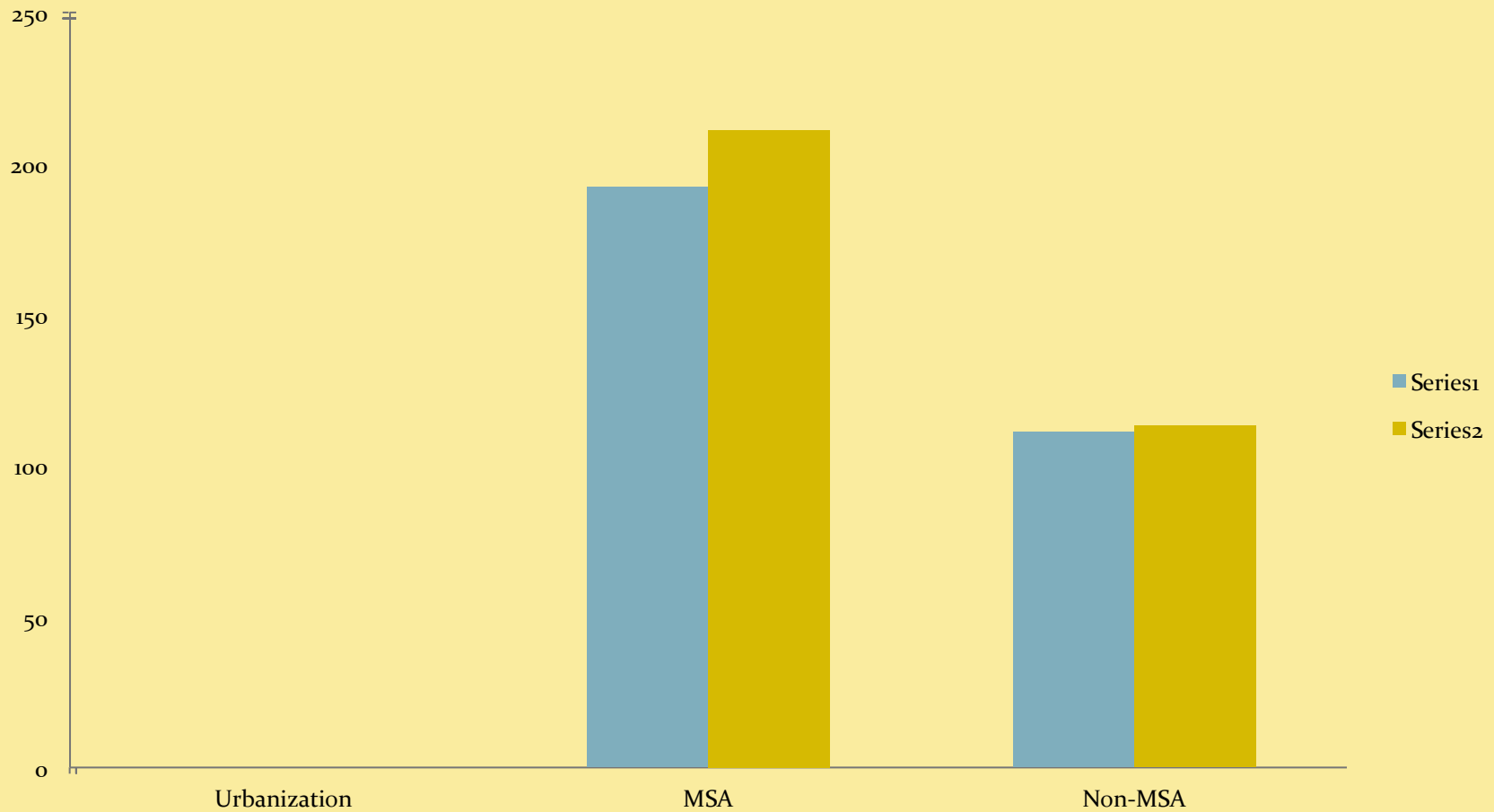
# Soil, Bare Soil Pb (ppm) by household income with children < 6 y





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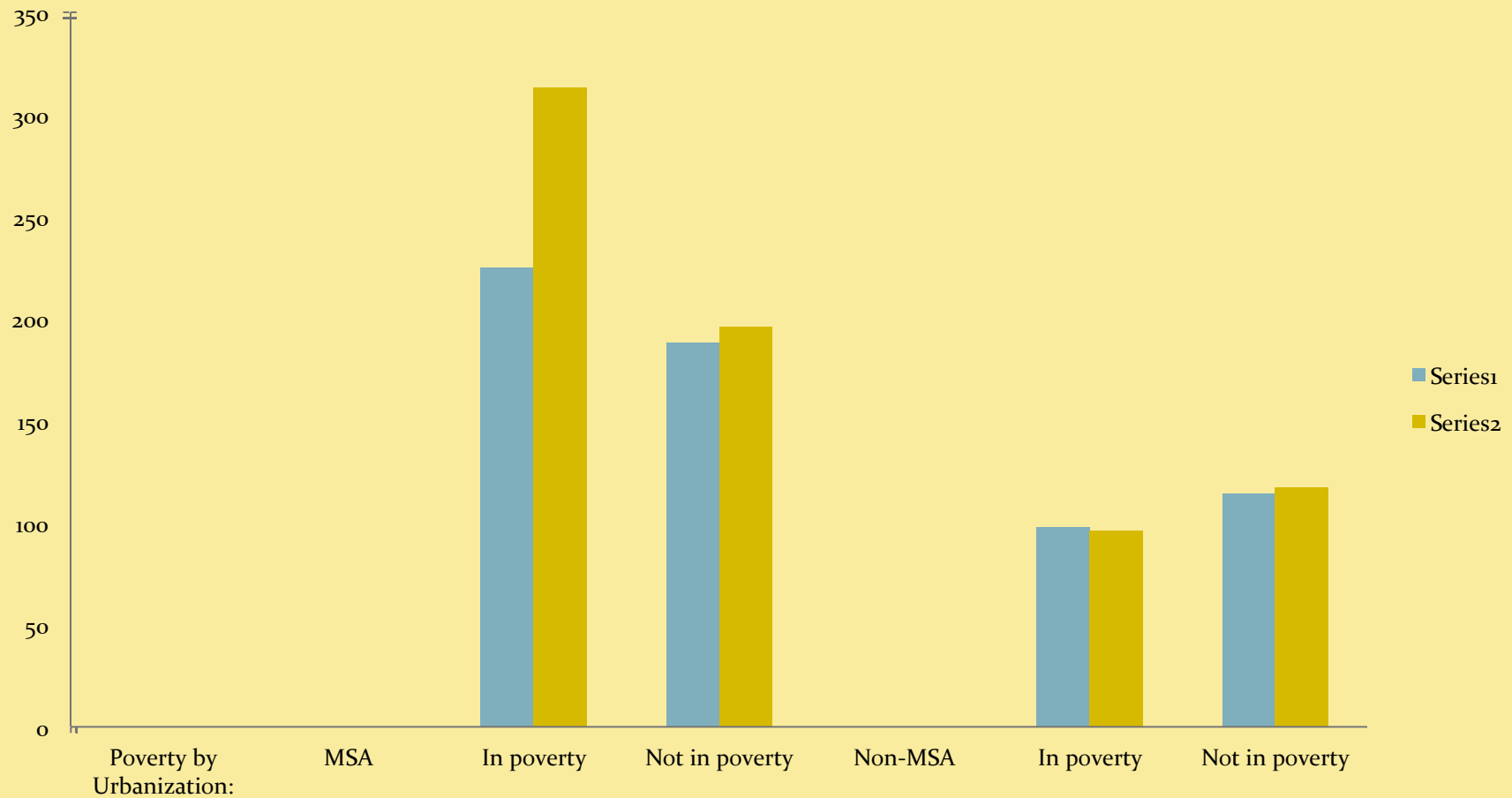
# Soil, Bare Soil Pb (ppm) by urbanization





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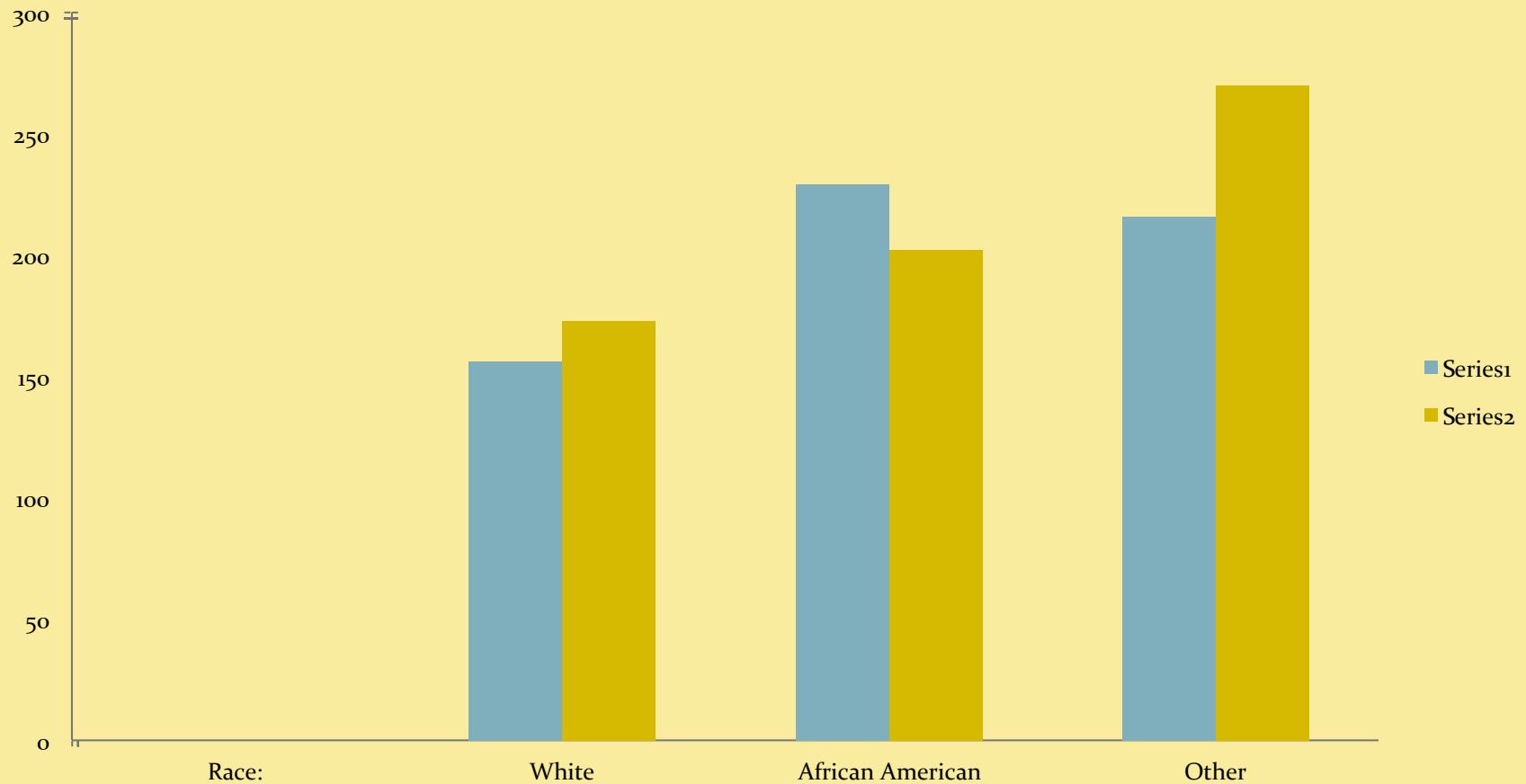
# Soil, Bare Soil Pb (ppm) by Poverty by Urbanization





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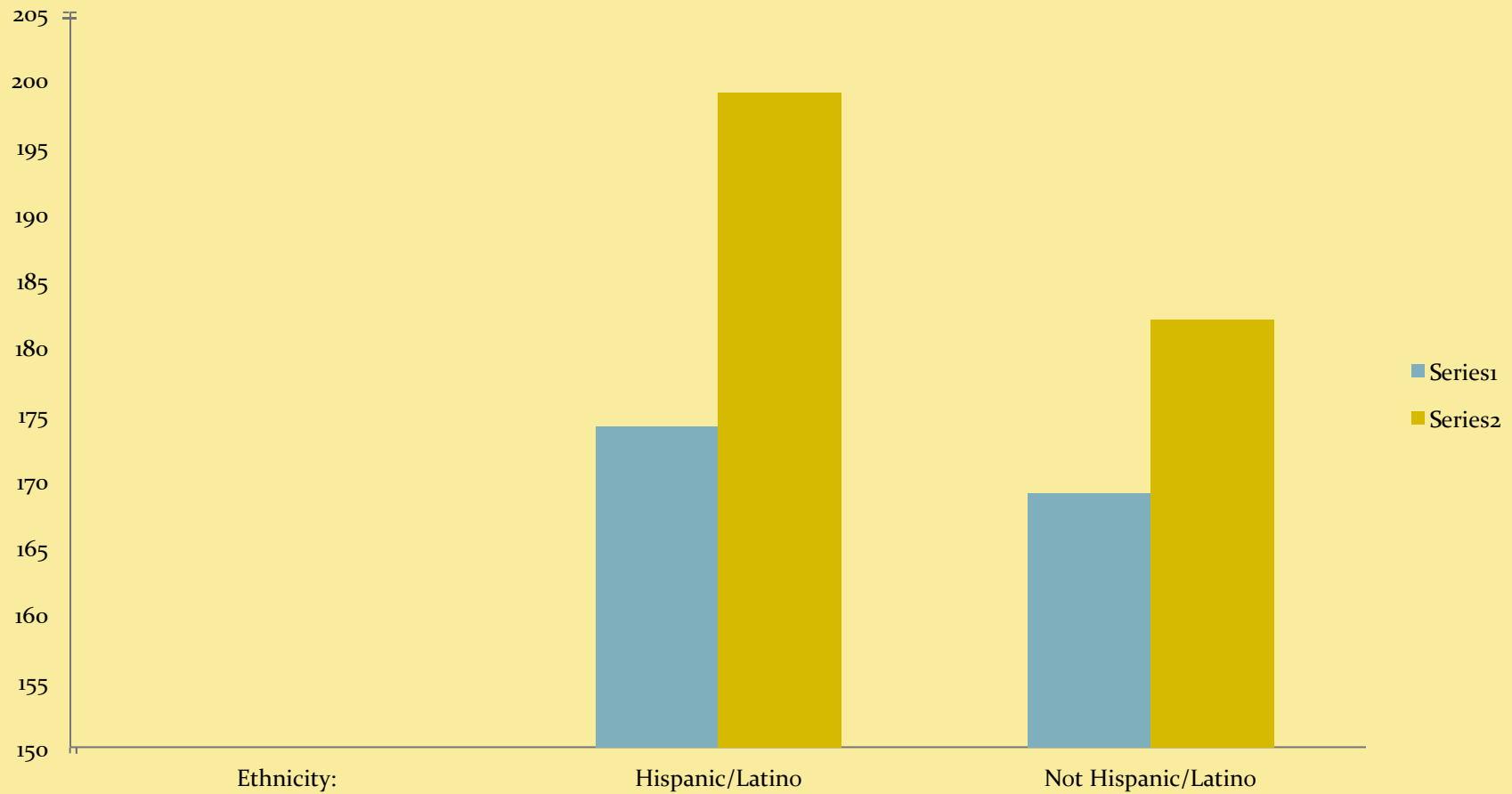
# Soil, Bare Soil Pb (ppm) by Race





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# Soil, Bare Soil Pb (ppm) by Ethnicity

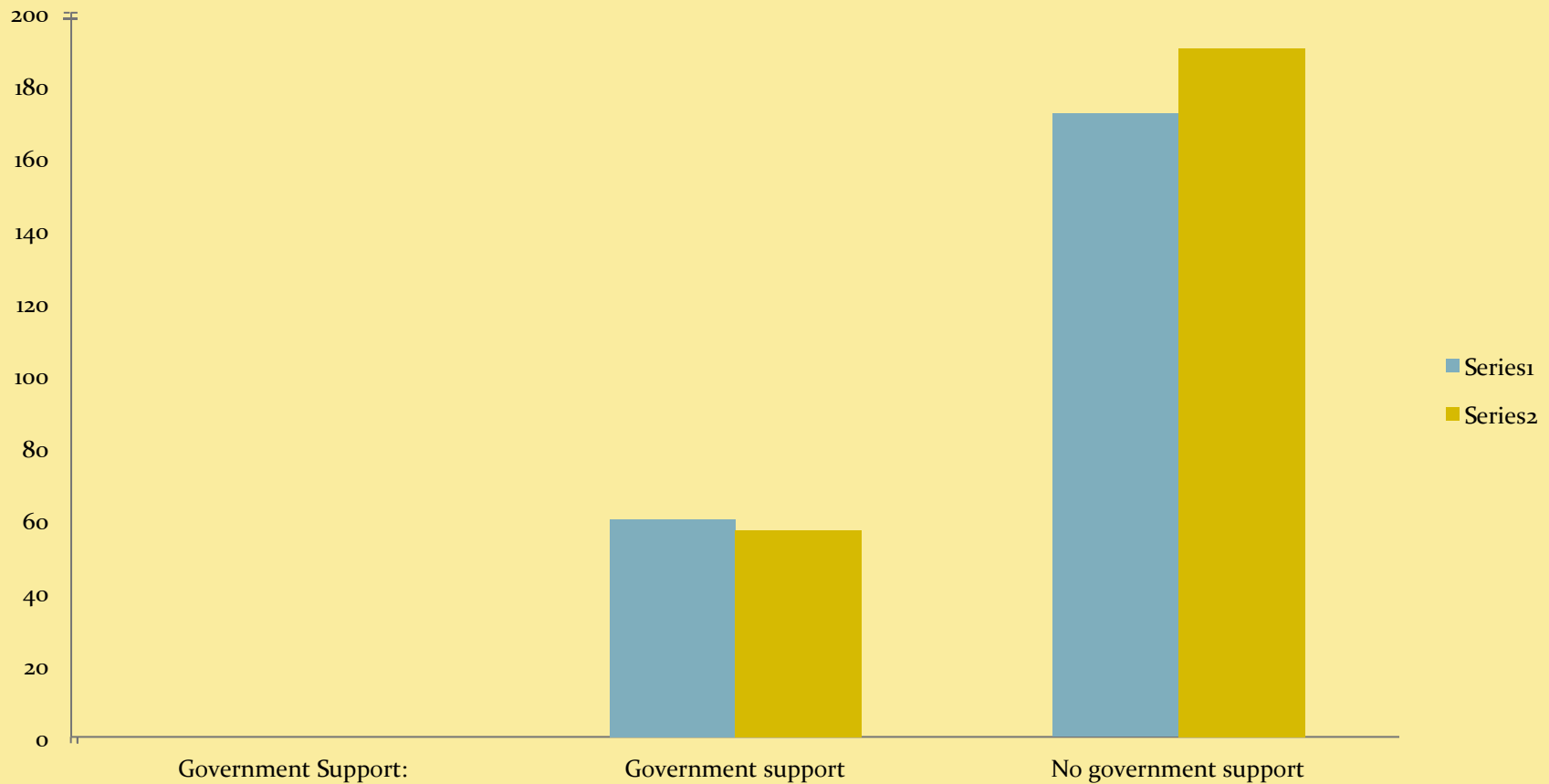






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# Soil, Bare Soil Pb (ppm) by Government Support





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## Contact information

- HUD Office of Lead Hazard Control and Healthy Homes
  - [www.hud.gov/offices/lead](http://www.hud.gov/offices/lead); or
  - [www.hud.gov/healthyhomes](http://www.hud.gov/healthyhomes); or
  - [www.healthyhomes.hud.gov](http://www.healthyhomes.hud.gov)
- HUD Lead Regulations hotline:
  - [Lead.Regulations@HUD.gov](mailto:Lead.Regulations@HUD.gov)
  - 202-402-7698 (TTY: 800-877-8339)