Partners: SoLaHmo¹, MN Department of Health², and HealthPartners³

Dates: 2016–2017

Purpose: Identify mercury, cadmium, and lead contamination and sources for contamination in pregnant Somali, Latina, Hmong/Asian, and White women

Methods: Collected umbilical cord blood and mother’s urine in 402 women at delivery

Results:
- 2 lead (Asian/Latina).
- Highest levels of mercury in low socio-economic Hmong women due to both skin lightening creams and fish

Application:
- Working with community organizations and MDH to develop and deliver educational messages for Somali, Latino, Hmong, and White women before and during pregnancy.

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