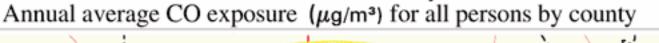
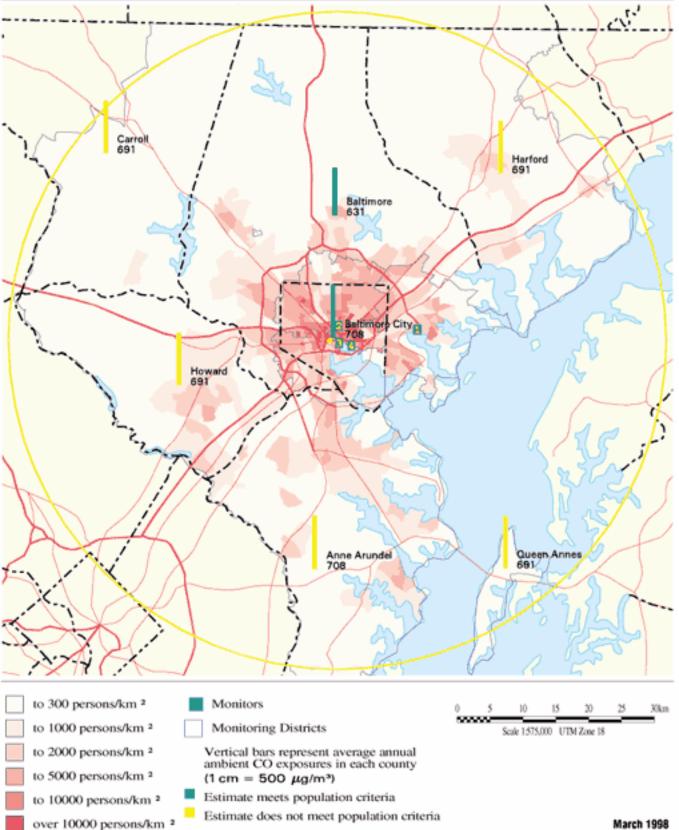
United States Environmental Protection Agency March 1998

## Analysis of Carbon Monoxide Exposure for Fourteen Cities using HAPEM-MS3

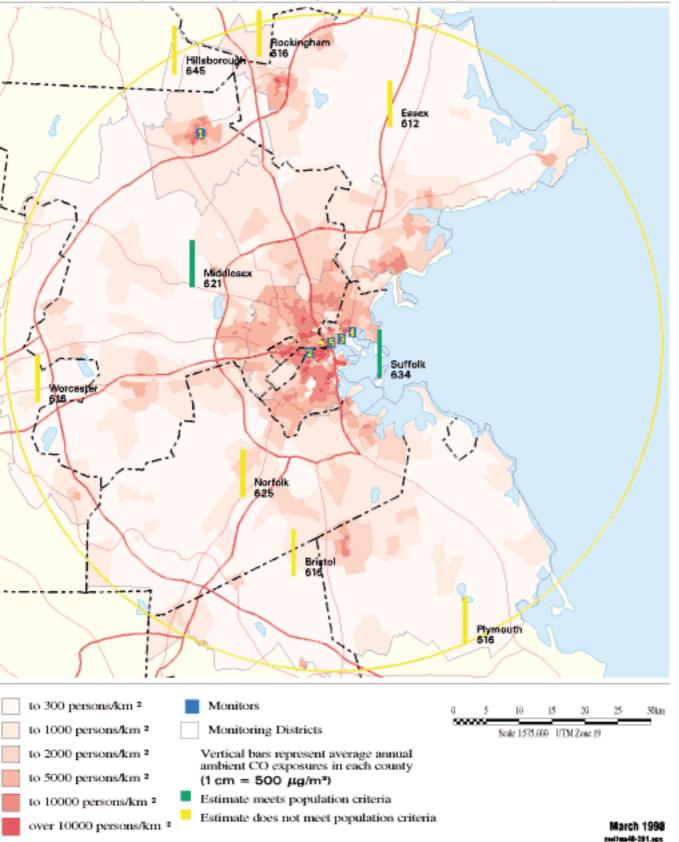
# Appendix B

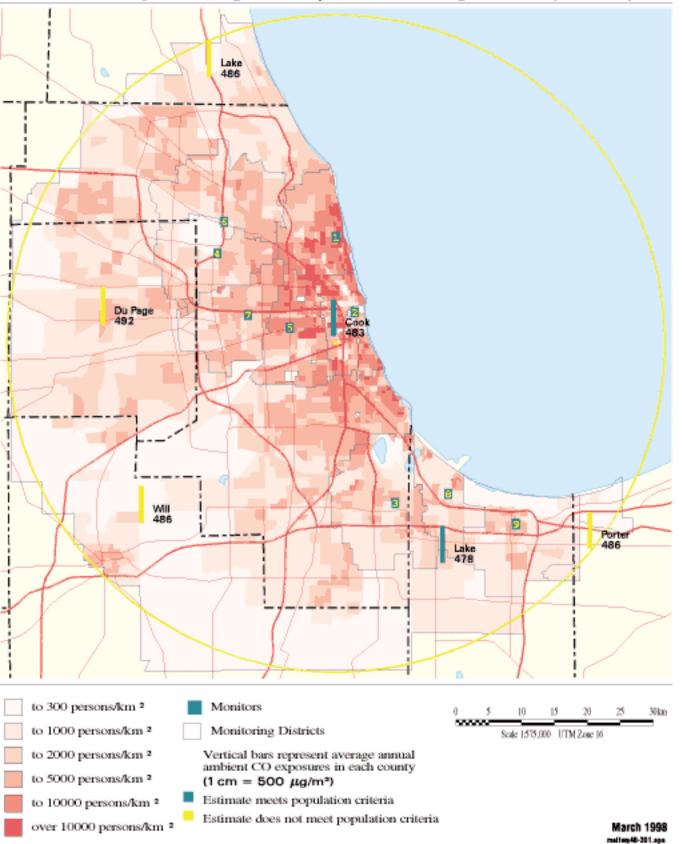
## Maps of the Fourteen Study Areas



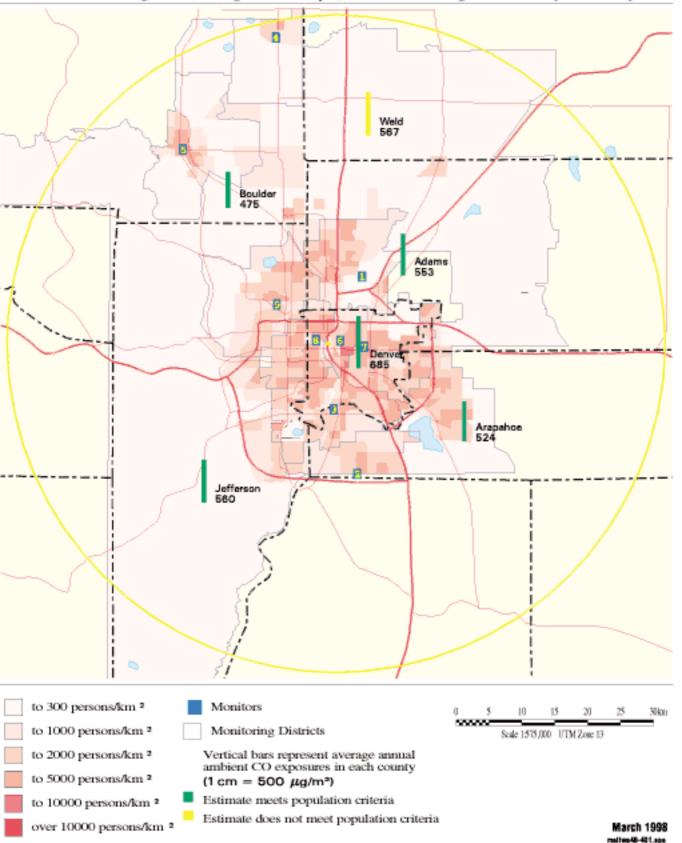


Annual average CO exposure  $(\mu g/m^3)$  for all persons by county

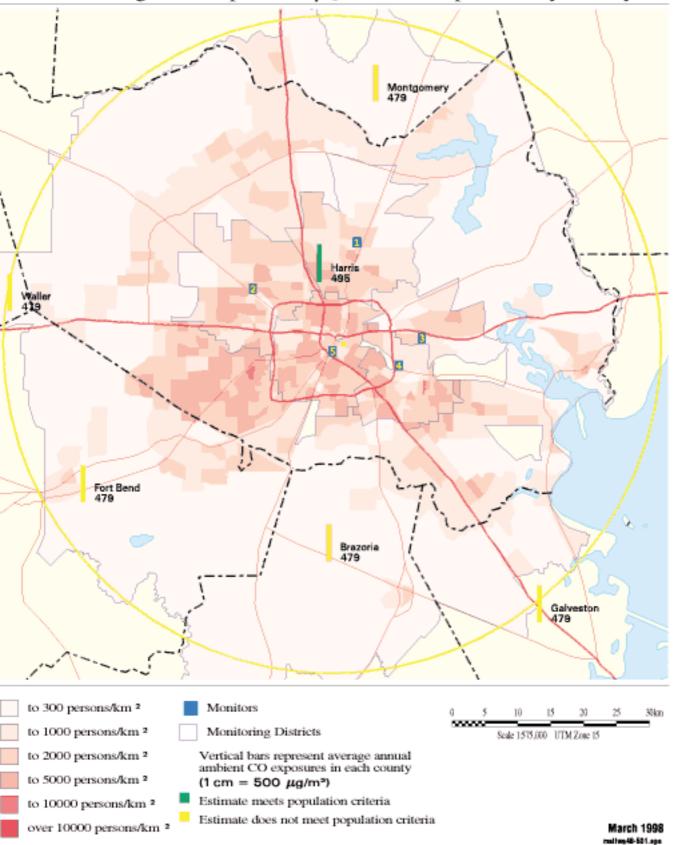




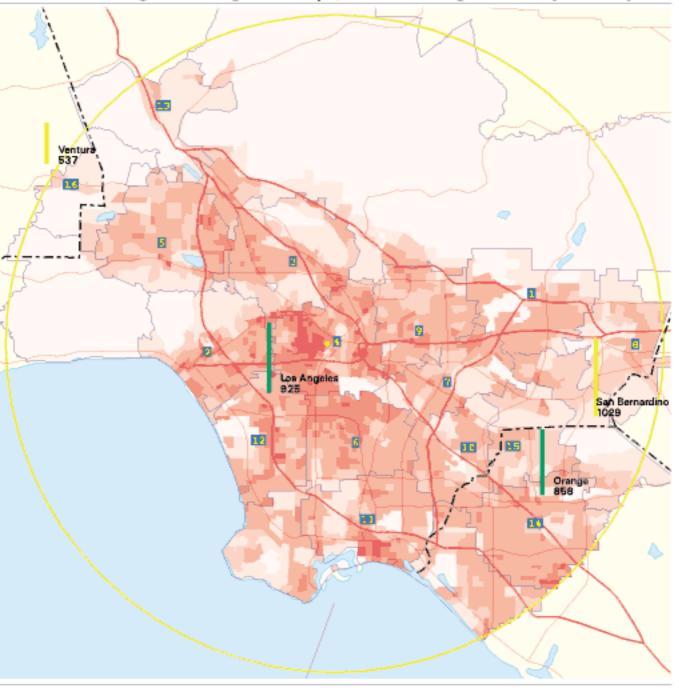
Annual average CO exposure  $(\mu g/m^3)$  for all persons by county



Annual average CO exposure  $(\mu g/m^3)$  for all persons by county



Annual average CO exposure  $(\mu g/m^3)$  for all persons by county



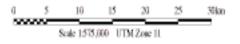




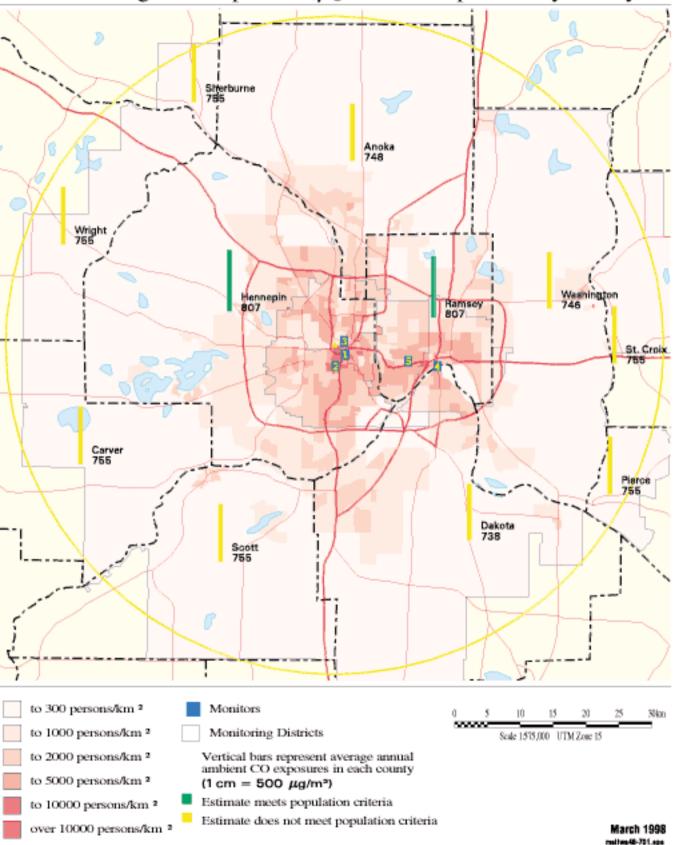
Monitoring Districts

Vertical bars represent average annual ambient CO exposures in each county (1 cm = 500  $\mu$ g/m<sup>3</sup>)

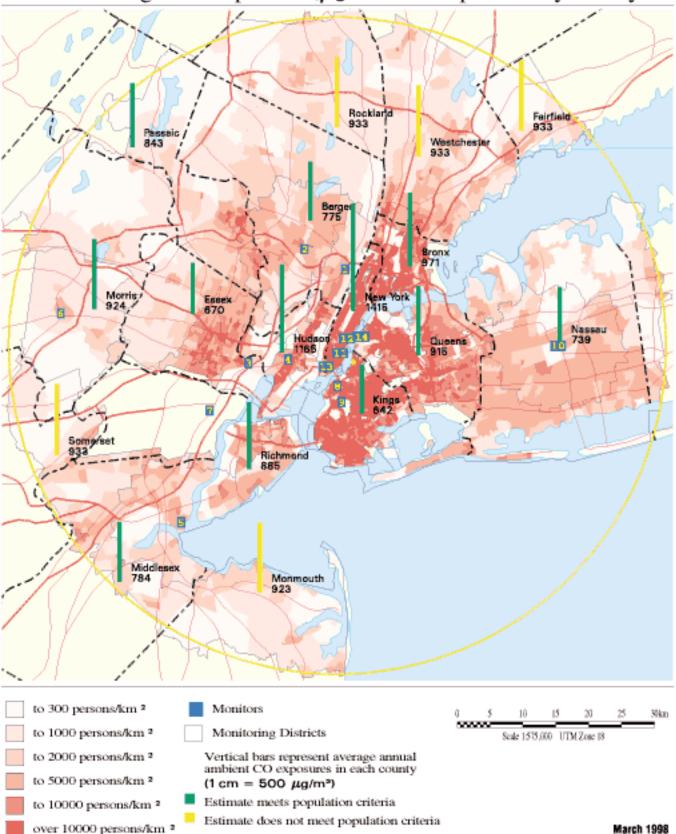
- Estimate meets population criteria
- Estimate does not meet population criteria



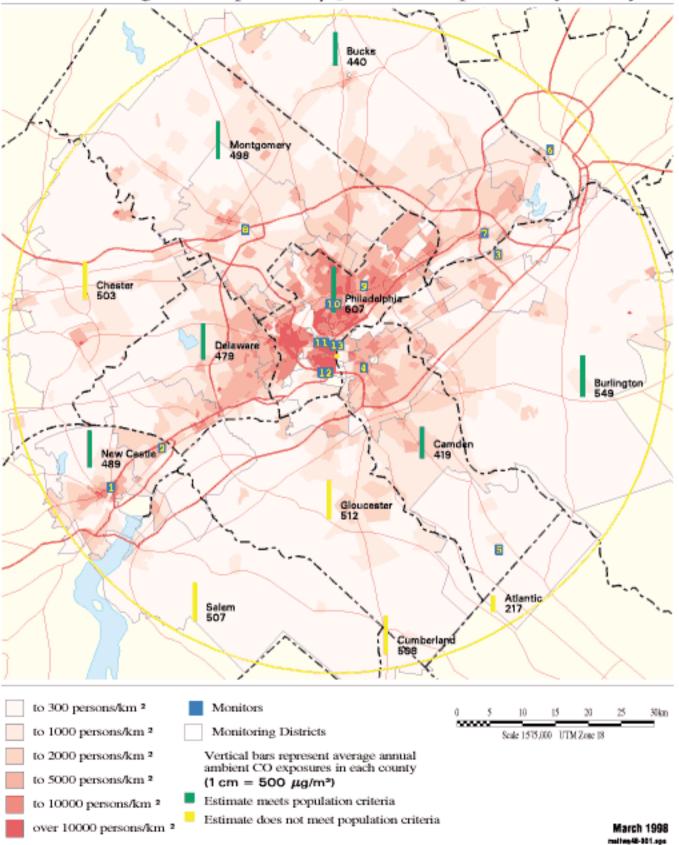
Annual average CO exposure  $(\mu g/m^3)$  for all persons by county

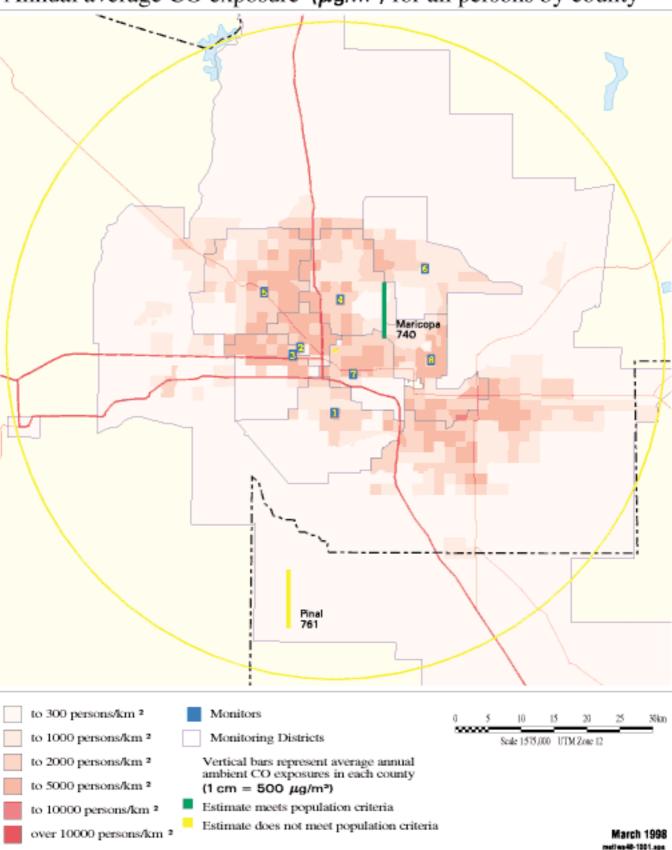


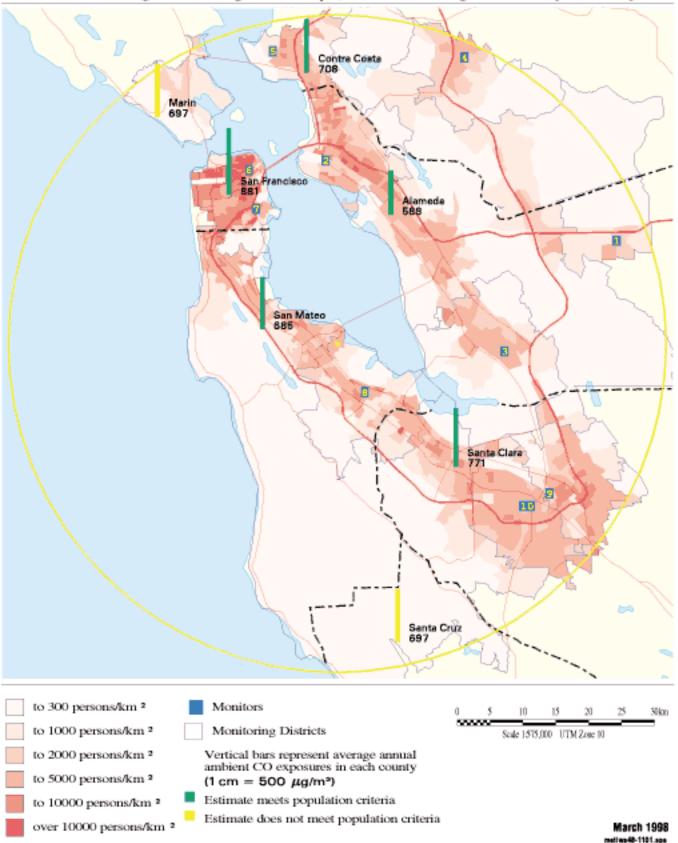
#### HAPEM model results for New York City Study Area Annual average CO exposure (µg/m<sup>3</sup>) for all persons by county

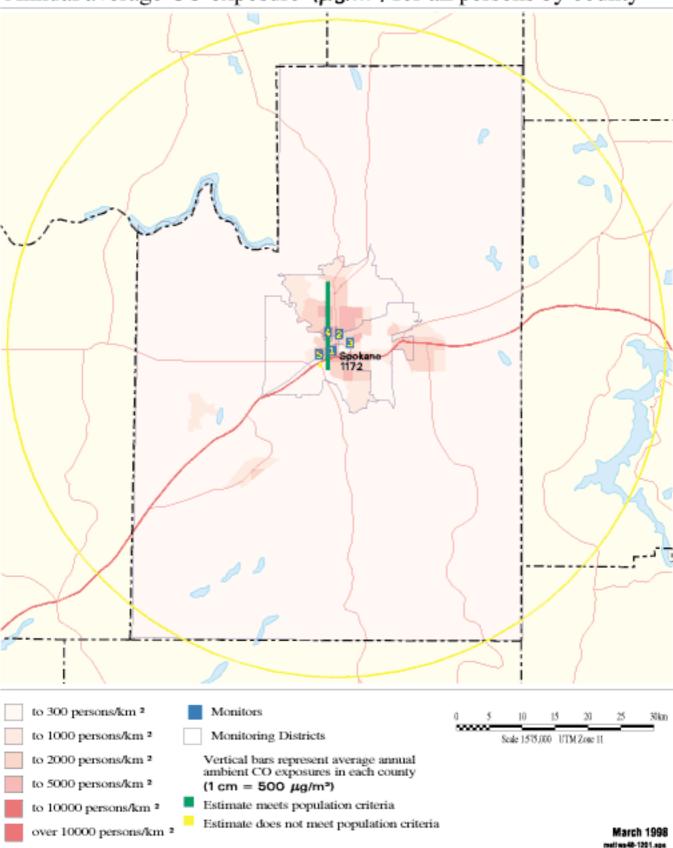


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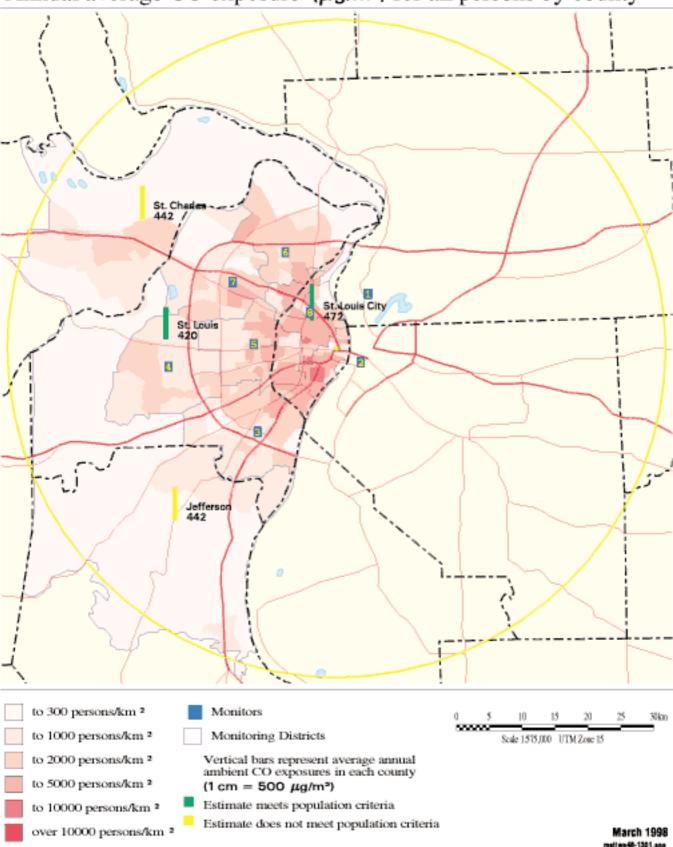


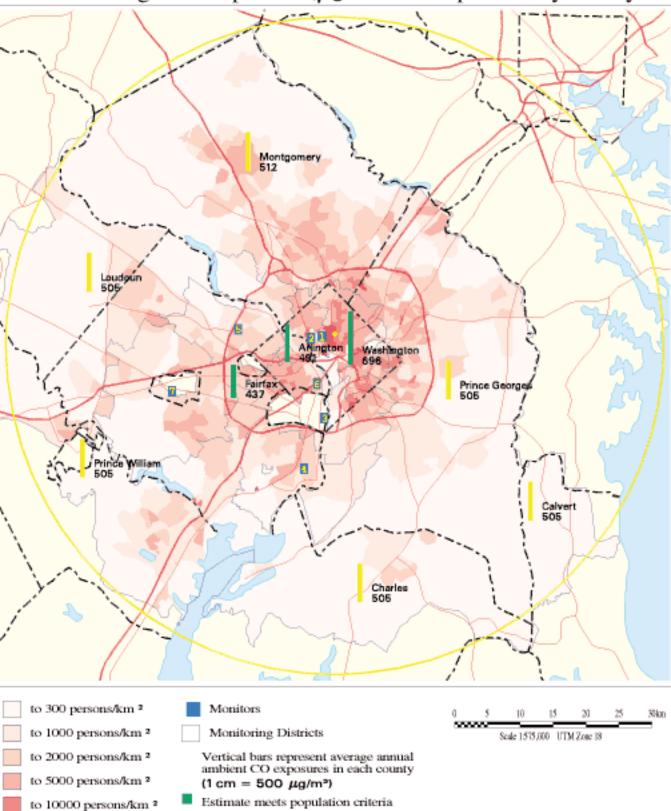






Annual average CO exposure  $(\mu g/m^3)$  for all persons by county





Estimate does not meet population criteria

over 10000 persons/km 2