

Does Supply Influence Mammography Screening?

Nasreen Khan, PhD; Robert Kaestner, PhD; J. Warren Salmon, PhD;
Becky Gutierrez, MA

Objective: To explain rural-urban differences in mammography screening by supply of health care services. **Method:** Logistic regression models were used to assess whether variation in the supply of health care services related to mammography screening explained rural-urban differences in mammography screening rates. **Results:** Women living in small (thinly populated) rural areas not adjacent to a metro area were less likely to obtain a mammogram

(OR=0.682, CI: 0.62-0.75) compared to women in large metro counties. This difference was reduced after adjusting for predisposing and enabling factors (OR=0.843, CI: 0.76-0.93). **Conclusion:** Contextual-level enabling factors mediated the rural-urban difference in mammography screening.

Key words: mammography screening, physician supply, BRFSS, ARF

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