

Svantaggio sociale e impianti di trattamento rifiuti

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Forse non c'era bisogno di dimostrarlo ma questo studio dimostra che i gruppi di popolazione già svantaggiati sono destinati a ricevere impianti di trattamento rifiuti vicino a casa.

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(in attesa di traduzione ndr)

Race, Wealth, and Solid Waste Facilities in North Carolina

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Abstract

Background: Concern has been expressed in North Carolina that solid waste facilities may be disproportionately located in poor communities

and in communities of color, that this represents an environmental injustice, and that solid waste facilities negatively impact the health of host communities.

Objective: Our goal in this study was to conduct a statewide analysis of the location of solid waste facilities in relation to community race and wealth.

Methods: We used census block groups to obtain racial and economic characteristics, and information on solid waste facilities was abstracted from solid waste facility permit records. We used logistic regression to compute prevalence odds ratios for 2003, and Cox regression to compute hazard ratios of facilities issued permits between 1990 and 2003.

Results: The adjusted prevalence odds of a solid waste facility was 2.8 times greater in block groups with \geq 50% people of color compared with block groups with $<$ 10% people of color, and 1.5 times greater in block groups with median house values $<$ \$60,000 compared with block groups with median house values \geq \$100,000. Among block groups that did not have a previously permitted solid waste facility, the adjusted hazard of a new permitted facility was 2.7 times higher in block groups with \geq 50% people of color compared with block groups with $<$ 10% people of color.

Conclusion: Solid waste facilities present numerous public health concerns. In North Carolina solid waste facilities are disproportionately located in communities of color and low wealth. In the absence of action to promote environmental justice, the continued need for new facilities could exacerbate this environmental injustice.

(Key words: environmental)

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