

Sanitation in Hubli

Can we shift the incentives for open defecation?

Zachary Burt, Graduate Student, ERG

Prof. Isha Ray ERG and Prof. Kara Nelson, CEE

“Where do children in the neighborhood **defecate** or **urinate**?” (n= 42)

private toilet15 publictoilet8 fields20 river0 street20

Individual Costs > Individual Benefits

Costs:

- walking to the toilet (**dangerous**, **taboo**, **far**)
- exposure to diseases (**dirty**, **broken**, **smelly**)
- payment of a user fee (1 Rs ~ 2¢ ~ **2 candies**)
- waiting (**crowded**, the field is **empty**...)

Increasing the incentives of the individual will increase toilet use and decrease O.D.

CONTROL

(1) current toilet access conditions

TREATMENTS

(1) new toilets with old fee

(2) current toilet, but with the addition of a pay-the-user program

(3) new toilets with a pay-the-user program.

Toilet technology to use?

Minimum number of toilets?

Incorporate reuse?

Incorporate incentives for toilet caretaker?

Incorporate private toilet use/construction?

Measure health outcomes?