

# AlertaChirimacha: Shifting Community-Based Vector Surveillance to Social Media During COVID-19

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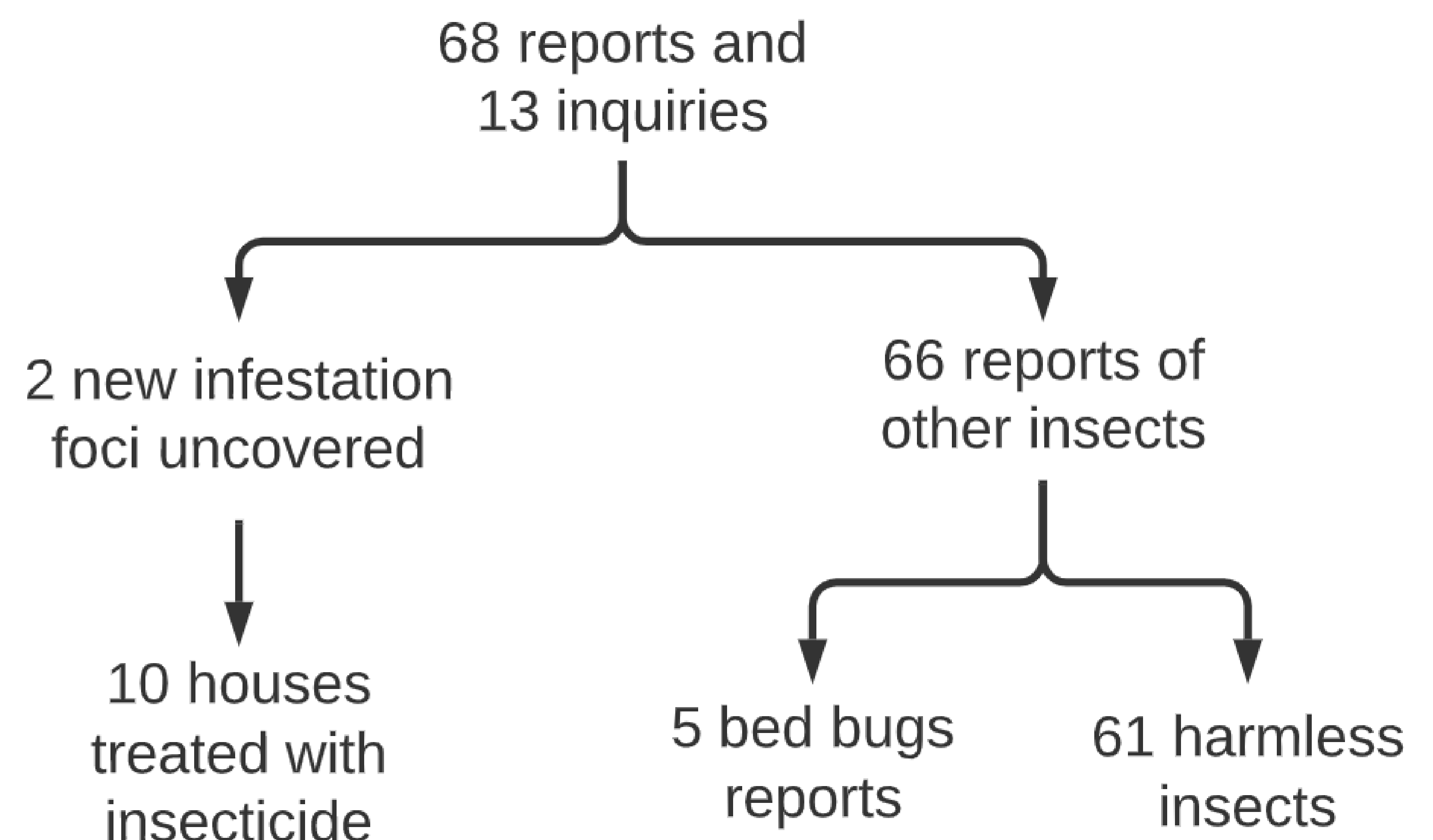
## Background

The COVID-19 health emergency has brought new challenges for disease surveillance and control. Particularly in the city of Arequipa-Peru, the mandatory social immobilization and the limitations on public transportation imposed by the national government have greatly affected the entomological surveillance of kissing bugs, the vector of *Trypanosoma cruzi*. As an effort to maintain the surveillance active, we have created “AlertaChirimacha” a new system of communication and report that reduce contact between the community and the vector control staff.

## Methods



## Results



According to Facebook:

First post	People that saw it	Second post
37.576	66	45.753
66	666	24
666	931	249
931		439

## Future avenues

- Targeted post for a specific area where an infestation is detected.
- Create “Alerta Chinche de cama”

