Overall, CDC-funded HIV testing was conducted in areas with the greatest needs for HIV testing.

**Background**
- HIV testing is key to diagnosing persons with HIV
  - About 14% of persons with HIV (PWH) are unaware of their HIV status
  - CDC’s Division of HIV Prevention funds health departments and community-based organizations to conduct HIV prevention services
    - Includes HIV testing, linkage to care, and partner services
- **Ending the HIV Epidemic in the U.S. (EHE) initiative**
  - Aims to reduce new HIV infections by 90% by 2030
  - Emphasis on 4 pillars: Diagnose, Treat, Prevent, & Respond
  - 57 geographic focus areas in Phase I
- Study question:
  - Were CDC-funded HIV tests conducted in EHE areas in accordance with the estimated rates of persons living with undiagnosed HIV infection in 2019?

**Methods**
- Data sources (2019)
  - National HIV Prevention Program Monitoring & Evaluation system
  - National HIV Surveillance System
- Measures
  - Rate of CDC-funded HIV tests per capita (per 1,000 population)
  - Estimated rate of undiagnosed HIV infections per capita (per 100,000 population)
- Analysis
  - Spearman’s rank calculation
    - To assess overall association
  - Rank difference between the two rates
    - To understand which areas have overall greater unfilled needs for HIV testing

**Results**
- Overall association
  - Rho=0.59, p<0.001
- Jurisdictional associations varied
  - Greatest unfilled needs for HIV testing
    - I.e., higher undiagnosed HIV infection per capita and lower CDC-funded HIV tests per capita
    - Miami-Dade County, FL; Prince George’s County, MD; Hudson County, NJ; Bronx County, NY; Hamilton County, OH
  - Lowest unfilled needs for HIV testing
    - I.e., lower undiagnosed HIV infections per capita and higher CDC-funded HIV tests per capita
    - San Francisco County, CA; Tarrant County, TX; Suffolk County, MA; Missouri; Alabama

**Conclusions**
- In general, CDC-funded HIV testing is being conducted in EHE areas with the greatest needs
- However, some areas had greater unfilled needs for HIV testing. These areas can use this information to
  - Identify gaps and barriers to their HIV testing services
  - Improve or expand upon their HIV testing programs
- Ensuring that all PWH are diagnosed and linked to HIV medical care is vital to ending the HIV epidemic

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