

# BREAST CANCER SCREENING RATES AMONG TRANSGENDER AND GENDER DIVERSE INDIVIDUALS

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## BACKGROUND

- **Transgender and gender diverse (TGD) individuals** face numerous cancer care disparities:
  - **Late-stage diagnoses**
  - **Early mortality**
- *Is poor screening a root cause of poor outcomes?*

### AIM:

**Investigate rates of breast cancer screening mammography among TGD individuals**

## METHODS

- Queried Optumlabs Data Warehouse
  - *Claims-based*
  - *Longitudinal*
- Compiled algorithm using:
  - Diagnosis codes
  - Procedure codes
  - Prescription records
- Identified individuals who qualify for breast cancer screening mammography
  - per American College of Radiology guidelines
  - Cisgender and TGD

### Matched Cohorts

Transgender Women 1,663 individuals	Cisgender Women 6,218,369 individuals
Transgender Men 4,669 individuals	4
Transgender NOS 7,178 individuals	1

Matched on: Age, race/ethnicity, health plan, census region, years of follow-up, year of enrollment, breast cancer history, family history, BRCA gene

### Adherence Definitions

LOW	< 25%
MEDIUM	25-<50%
HIGH	≥ 50%

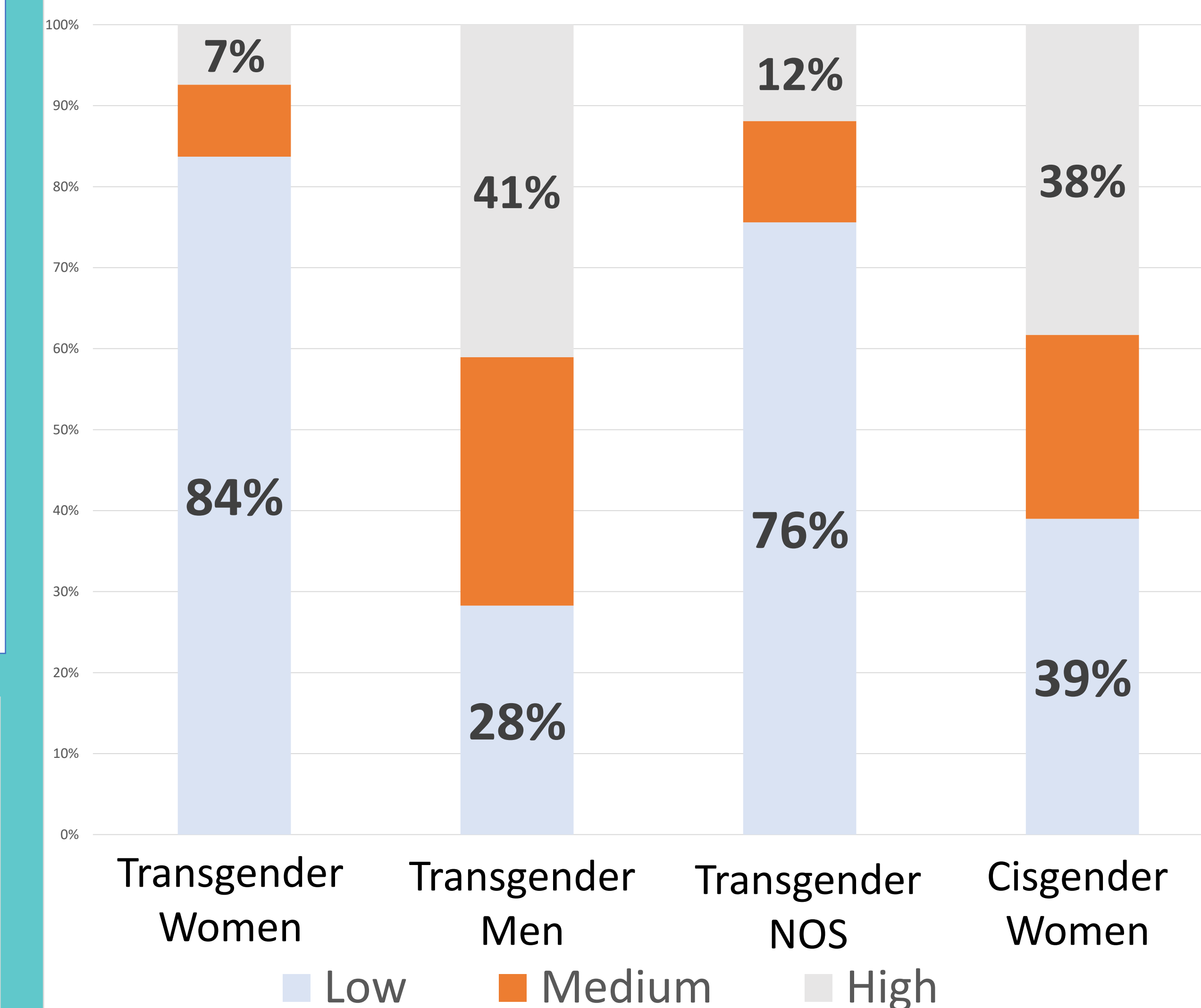
*"I know that you can still have breast cancer... but there's no real follow-up or information provided about what to do"*

*"I'm used to fighting to get people [in healthcare] to listen... about cancer screenings, being trans... I wonder what they are going to miss."*



## RESULTS

### Screening Mammography Adherence Rates



## CONCLUSION

- Transgender women have low rates of adherence to screening mammography

***"I think you can feel when a place's hearts are in the right place and that goes a long way."***