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GENDER IDENTIFICATION
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# Hender Itentifitation 

State of the Union on Gender Inequality

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Source: Google Ngram

## Gender was a child of the 1970 s



## Transyenderemerged in the 1990s

## Sex

## Gender

Female
Woman

Male
Man

## Conceptual distinctions

## SEX: Categorical (Single) SELECT GENDER OF CHOSEN RESPONDENT.

Categories:
\{male\}
\{female\}

MALE FEMALE

Source: General Social Survey

## Conflating sex and gender

As late as 2014, the largest and longest running surveys in the United States:

- Categorized people by either sex or gender, not both
- Did not allow for categories other than female or male
- Rarely asked respondents to self-identify
- Assumed sex/gender should be "obvious"
- Treated it as an "error" when someone's sex/gender changed over time


## National surveys slow to change

# Sex Gender <br> category <br> Female <br> Male <br> Intersex 

Transgender, non-binary

## Moving heyond the hinary

Sex at birth

What sex were you assigned at birth? (For example, on your birth certificate.)FemaleMaleIntersex

Categorical gender identification

What is your current gender?WomanManTransgenderA gender not listed here (please specify)

## "Two-step" measurement approach

- Estimates of the size of the U.S. transgender population range from $0.5 \%$ to $1.0 \%$
- Existing research tends to focus on health disparities but transgender adults also experience discrimination in housing and employment
- Better understanding awaits incorporation of new measures across our national data systems


## Increasing recognition

| Sex <br> category | Gender <br> identity | Gender <br> expression |
| :---: | :---: | :---: |
| Female | Woman | Feminine |
| Male | Man | Masculine |
| Intersex | Transgender, <br> non-binary | Androgynous | Adding further complexity | Allom |
| :--- |

First-order gender scale

In general, how do you see yourself? Please answer on both scales below.

|  | Not at all | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | Very |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feminine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Masculine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Third-order gender scale
In general, how do most people see you? Please answer on both scales below.

|  | Not at all | 1 | 2 | 3 | 4 | 5 | Very |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feminine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Masculine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Gender identification scales

## Distribution of gender identification, by sex at birth



Masculine

## Diversity within categories

Gender polarization $=\mid$ feminine scale masculine scale|

Represents how scale responses correspond to traditional dichotomous measurement

Just $24 \%$ of sample answered "very" on one scale and "not at all" on the other

|  | \% Very Polarized | N |
| :--- | :---: | :---: |
| Female at birth | $23 \%$ | 805 |
| Male at birth | $24 \%$ | 717 |
| Cisgender | $24 \%$ | 1,514 |
| Transgender | $13 \%$ | 8 |
|  |  |  |
| South | $27 \%^{*}$ | 571 |
| West | $23 \%$ | 374 |
| Midwest | $19 \%^{*}$ | 312 |
| Northeast | $24 \%$ | 262 |
| College degree | $22 \%$ |  |
| No college degree | $26 \%$ | 883 |
| Over 30 | $28 \% * * *$ | 639 |
| 30 and younger | $20 \%$ | 813 |
| Heterosexual or straight | $26 \% * * *$ | 709 |
| Gay, lesbian, homosexual, or bisexual | $4 \%$ | 1,375 |
| Hispanic origin | $31 \%$ | 147 |
| White | $22 \% * *$ | 110 |
| Black or African American | $49 \% 0^{* * *}$ | 1,237 |
| All other responses | $21 \%$ | 101 |

${ }^{*} p<0.05,{ }^{* *} p<0.01,{ }^{* * *} p<0.001$ (two-tailed tests)

## Scales challenge dichotomy

Updating our national data systems recognizes diversity, and offers researchers the opportunity to ask and answer deeper questions about the sources of disparity:

- Not only distinguishing social from biological factors
- But also allowing a person's gender to explain and be explained by social inequality


## Cause or consequence?

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## Thank you!

