STATE of the UNION

GENDER IDENTIFICATION

Aliya Saperstein
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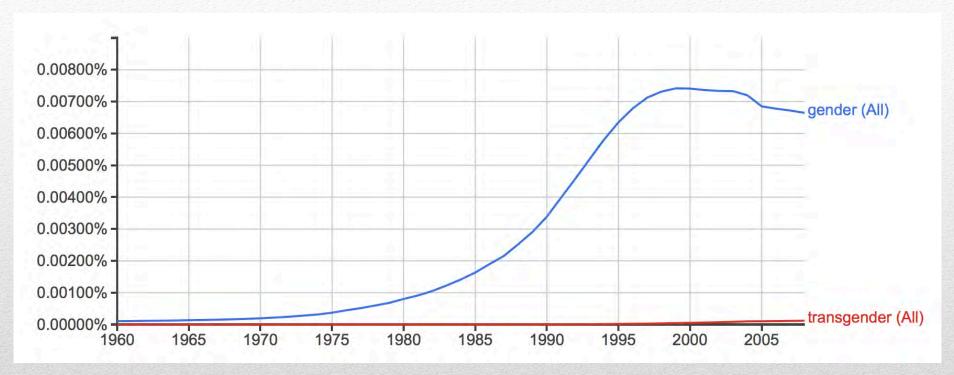
Gender Identification

State of the Union on Gender Inequality

Aliya Saperstein Stanford Sociology

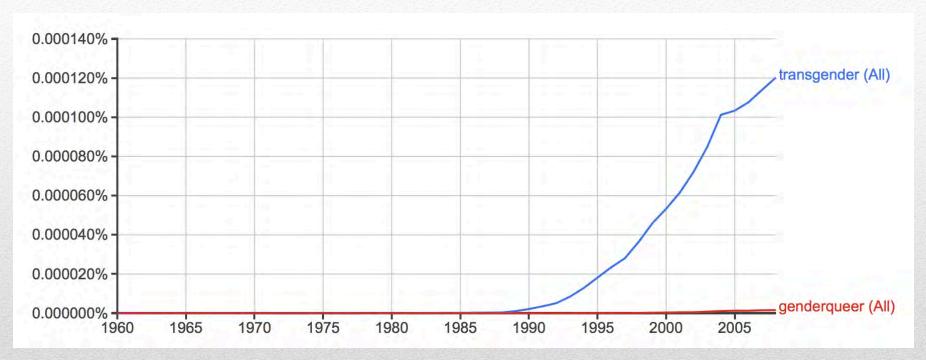


Which genders count?



Source: Google Ngram

Gender was a child of the 1970s



Source: Google Ngram

Transgender emerged 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 category identity Female Woman Male Man Intersex Transgender, non-binary

Moving beyond the binary



Sex at birth

What sex were you assigned at birth? (For example, on your birth certificate.)
○ Female
○ Male
O Intersex

Categorical gender identification

What is yo	ır current ge	ender?		
O Woman				
O Man				
○ Transge	nder			
O A gende	r not listed h	ere (please sp	ecify)	

"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 category	Gender identity	Gender expression
Female	Woman	Feminine
Male	Man	Masculine
Intersex	Transgender, non-binary	Androgynous

Adding further complexity

First-order gender scale

In general, how do you see yourself? 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

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

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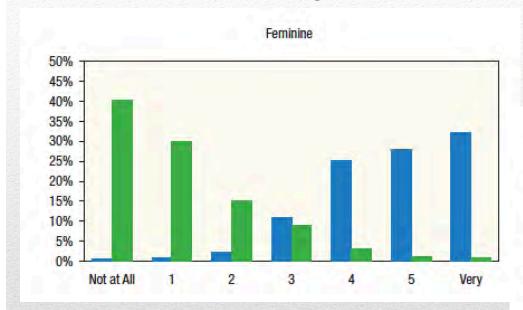
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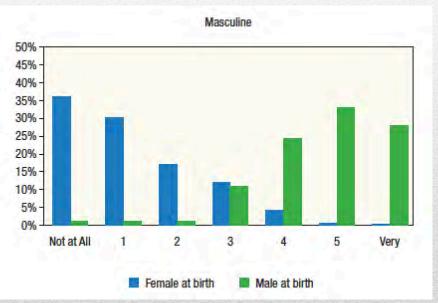
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O Male



Distribution of gender identification, by sex at birth





Diversity within categories

Table 3. Gender Polarization by Demographic Characteristics

Gender polarization = |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%	883
No college degree	26%	639
Over 30	28%***	813
30 and younger	20%	709
Heterosexual or straight	26%***	1,375
Gay, lesbian, homosexual, or bisexual	4%	147
Hispanic origin	31%	110
White	22%**	1,237
Black or African American	49%***	101
All other responses	21%	184

*p<0.05, **p<0.01, ***p<0.001 (two-tailed tests)

Scales challengededichotomy 31%** 580 60

Total 24% 1,522

Source: Authors' survey fielded on Amazon Mechanical Turk, November 2014. Note: For polytomous variables (region, race and political affiliation), each comparison is tested separately, as if it were dichotomous (e.g., South versus all else, White versus all else, Republican versus all else).

*p<0.05, **p<0.01, ***p<0.001 (two-tailed tests)

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!