

Sexual Orientation and Gender Identity Measures in BJS Survey Data Collections

Agenda

- Sexual Orientation and Gender Identity Measures in the National Crime Victimization Survey
 Rachel E. Morgan, Ph.D. and Jennifer L. Truman, Ph.D.
- Sexual Orientation and Gender Identity in the Survey of Prison Inmates
 Lauren G. Beatty
- Sexual Orientation and Gender Identity in BJS PREA Surveys
 Michael B. Field
- 4. Q&A Session



Sexual Orientation and Gender Identity Measures in the National Crime Victimization Survey

Rachel E. Morgan, Ph.D. | Jennifer L. Truman, Ph.D. BJS Statisticians

Presentation overview

- Overview of the National Crime Victimization Survey (NCVS)
- Defining sexual orientation and gender identity (SOGI)
- Methodology and cognitive testing of SOGI measures in the NCVS
- Victimization and population estimates from the NCVS

National Crime Victimization Survey (NCVS)

- Data collected annually since 1973
- The nation's primary source of information on criminal victimization
- NCVS administered to persons age 12 or older from nationally representative sample of U.S. households
- Respondents are interviewed in-person or by telephone, with new households interviewed in-person
- Selected households remain in sample for 3.5 years, and eligible persons in these households are interviewed every 6 months
- NCVS collects information on nonfatal violent and property crimes reported and not reported to police

For more information, see the NCVS page at https://bjs.ojp.gov/programs/ncvs

Terms and definitions: Sexual orientation

- Sexual orientation has three main components
- Sexual identity how an individual self-identifies as lesbian, gay, bisexual, or straight
 - BJS survey data collections use sexual identity for measuring sexual orientation to meet the objective of estimating the demographic populations of interest
- Sexual attraction an individual's attraction to members of the same sex, the opposite sex, or both sexes
- Sexual behavior an individual's engagement in sexual activities with members of the same sex, the opposite sex, or both sexes
 - Sexual attraction or behavior does not define a demographic population, and same-sex attraction or behavior does not always coincide with gay, lesbian, or bisexual identity

See National Academies of Sciences, Engineering, and Medicine. 2022. Measuring Sex, Gender Identity, and Sexual Orientation

Terms and definitions: Gender identity

- Gender identity an individual's internal sense or perception of their own gender, which can be the same as or different from their sex assigned at birth
- Cisgender person an individual whose gender identity is the same as their sex assigned at birth
- Transgender person an individual whose gender identity is different from their sex assigned at birth
- Sex a characteristic measured two ways in the NCVS:
 - 1) household respondents are asked to identify each person living in the household as male or female, and
 - 2) respondents age 16 or older are asked to self-identify their sex assigned at birth as recorded on their original birth certificate

See National Academies of Sciences, Engineering, and Medicine. 2022. Measuring Sex, Gender Identity, and Sexual Orientation

Background on adding SOGI items to the NCVS

- Federal laws established protections for violent crime victims who identify as lesbian, gay, bisexual, or transgender
 - 2013 Violence Against Women Reauthorization Act
 - 2009 Matthew Shepard and James Byrd Jr. Hate Crimes Prevention Act
- Research identifies correlates of victimization which include
 - Sexual orientation
 - Gender identity
 - Veteran status
 - Citizenship
 - Disability (now asked of all respondents and not just crime victims)
 - Expanded income response categories
- In July 2016, BJS added these demographic characteristics to the NCVS
- Measures provide a way to estimate criminal victimization by sexual orientation and gender identity

Question development: Sexual orientation

- Measuring sexual identity, self-identification
- Question comes from the National Health Interview Survey (NHIS), conducted by the National Center for Health Statistics (NCHS)
- Consistent with recommendations on measuring sexual orientation made by the Sexual Minority Assessment Research Team (SMART)
- Consistent with latest recommendation and other sexual orientation measures being proposed for other federal surveys (See National Academies of Sciences, Engineering, and Medicine. 2022. <u>Measuring Sex, Gender Identity, and Sexual Orientation</u>)
- Question previously tested through cognitive interviews with persons age 18 or older

Question development: Gender identity

- Questions tested reflected recommendations from the Gender Identity in U.S. Surveillance (GenIUSS) group and the California Health Interview Survey (CHIS)
- Recommended two-step approach
 - Ask sex at birth and current gender identity
- This method has been successful in identifying transgender individuals
- Measures are also consistent with latest recommendations for collecting SOGI data (See National Academies of Sciences, Engineering, and Medicine. 2022. <u>Measuring Sex, Gender Identity, and Sexual Orientation</u>)
- Questions previously tested through cognitive interviews with persons age 18 or older

Cognitive testing

- Conducted by the Center for Survey Measurement (CSM) (now Center for Behavioral Science Methods) at the U.S. Census Bureau
- SOGI items were tested along with the revised instrument for the 2016 NCVS Supplemental Victimization Survey (SVS), which focuses on stalking victimization
 - N = 60 interviews
 - Respondents were age 16 or older
- Tested item wording, placement of items within the context of the NCVS, clarity and comprehension for respondents, and ease of administration for interviewers
- A small number of respondents identified as something other than straight;
 no respondents identified as transgender
- Overall, the SOGI items performed well

Additional monitoring in the NCVS

- Collected feedback from field staff: debriefing survey, focus groups, and targeted interviews
 - The SOGI questions were easy to read, but some interviewers were nervous or embarrassed to ask the SO question
 - Most respondents easily understood the SOGI questions, and were able to easily answer
 - Some respondents were shocked or surprised to hear SO question, more so than GI questions
 - Respondents questioned the relevance of the SOGI questions to a crime survey
- Monitored response distributions and item performance

Sexual orientation item in the NCVS

83/84. Which of the following best represents how you think of yourself?

- Lesbian or Gay
- Straight, that is, not lesbian or gay
- Bisexual
- Something else
- I don't know the answer
- Refused (coded by interviewer)

See NCVS-1 Basic Screen Questionnaire at https://bjs.ojp.gov/content/pub/pdf/ncvs22_bsq.pdf

Gender identity items in the NCVS

85. What sex were you assigned at birth, on your original birth certificate?

- Male
- Female
- Refused (coded by interviewer)
- Don't know (coded by interviewer)

86. Do you currently describe yourself as male, female or transgender?

- Male
- Female
- Transgender
- None of these
 (Don't know/Refused coded by interviewer)

87. Just to confirm, you were assigned (male/female) at birth and now (describe yourself as male/ describe yourself as female/ describe yourself as transgender/ do not describe yourself as male, female, or transgender). Is that correct?

Placement, frequency, and age of administration

- SOGI questions were added to NCVS demographic section
- Asked after any questions about experiences with criminal victimization
- Answered by individual rather than household respondents (no proxy interviews)
- Questions are currently
 - Administered to all persons age 16 or older
 - Asked at 1st, 3rd, 5th, and 7th interviews, or if there was a change in the household

SOGI item nonresponse, 2017–20

- Item nonresponse to the SOGI questions is low
- Less than 2% of respondents refused to answer the SO question
- Less than 1% of respondents refused to answer the GI questions

TABLE 5

Percent of nonresponse to sexual orientation and gender identity items, 2017–20

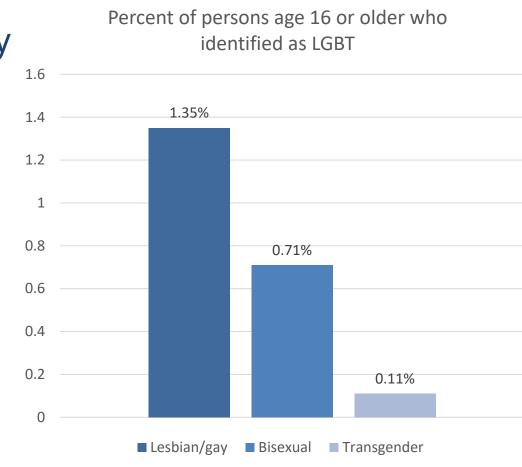
Item	Refusal nonresponse	Total nonresponsea
Sexual orientation	1.91%	2.41%
Gender identity ^b	0.52	0.84

^aIncludes all nonresponse, including refusal, "don't know," and inuniverse missing (respondents that were eligible, or in-universe, but had a missing response).

^bIncludes combined responses to sex assigned at birth and current gender identity questions. Nonresponse is based on sex assigned at birth question. Source: Bureau of Justice Statistics, National Crime Victimization Survey, 2017–20.

NCVS SOGI population estimates, 2017–20

- 1.4% identified as being lesbian or gay
 - 13,044,640 persons age 16 or older
- 0.7% identified as bisexual
 - 6,880,800 persons age 16 or older
- 0.11% identified as transgender
 - 1,030,730 persons age 16 or older
 - Includes respondents who reported identifying as transgender (54% of all transgender persons) or as a gender different from their sex assigned at birth (46%)



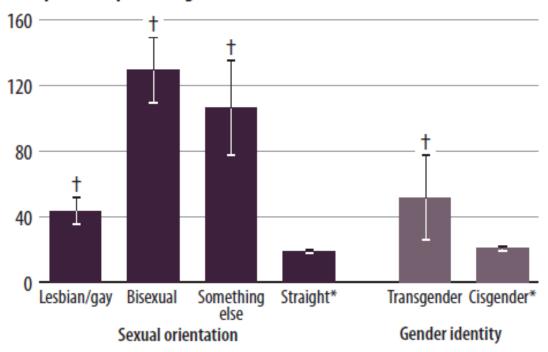
Violent victimization by SOGI, 2017–20

- The rate of violent victimization of lesbian or gay persons was more than two times the rate for straight persons
- The rate of violent victimization against transgender persons was 2.5 times the rate among cisgender persons

FIGURE 1

Rate of violent victimization, by sexual orientation and gender identity, 2017–20

Rate per 1,000 persons age 16 or older



^{*}Comparison group



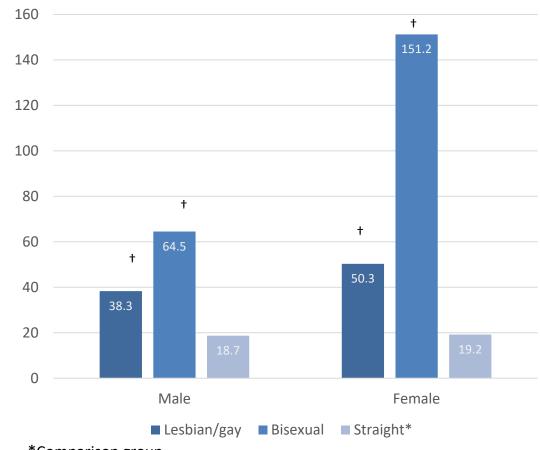
[†]Difference with comparison group is significant at the 95% confidence level.

Rate of violent victimization by SO, 2017–20

- The rate of violent crime excluding simple assault against lesbian or gay persons (14.5 per 1,000) was two times the rate for straight persons (6.8 per 1,000)
- For rape or sexual assault, robbery, and total assault, the rates among bisexual persons and lesbian or gay persons were higher than the rate among straight persons
- Domestic violence was eight times as high among bisexual persons (32.3 per 1,000) and more than twice as high among lesbian or gay persons (10.3 per 1,000) as it was among straight persons (4.2 per 1,000)

Rate of violent victimization, by SO and sex, 2017–20

- Bisexual females experienced violent victimization at a rate eight times the rate among straight females
- The rate of violent victimization of gay males (38.3 per 1,000) was two times the rate among straight males (18.7 per 1,000)
- Bisexual males had the highest rate (64.5 per 1,000) among male victims



^{*}Comparison group



[†]Difference with comparison group is significant at the 95% confidence level.

Violent victimization, by SO and race/Hispanic origin and age, 2017–20

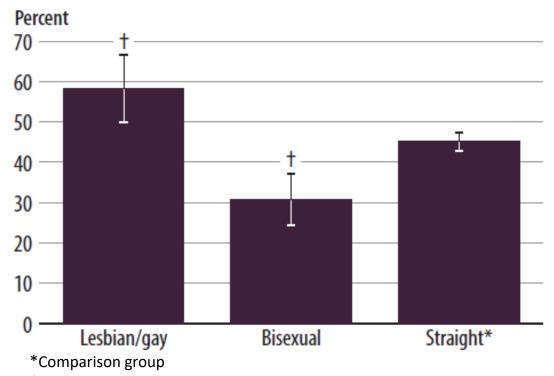
- Among Asians, Native Hawaiians or Other Pacific Islanders, American Indians or Alaska Natives, and persons of two or more races, those identifying as lesbian or gay had a higher violent victimization rate (49.4 per 1,000) than those identifying as straight (20.1 per 1,000)
- For each racial and ethnic group in this report, bisexual persons experienced violent victimization more often than straight persons
- The rate of violent victimization of persons ages 18 to 24 was six times as high for those identifying as bisexual (198.7 per 1,000) as for those identifying as straight (32.8 per 1,000)
- Among persons ages 25 to 34, lesbian or gay persons (81.4 per 1,000) and bisexual persons (97.2 per 1,000) had higher rates of violent victimization than straight persons (24.1 per 1,000)

Reporting to police by SO, 2017–20

- About 58% of violent victimizations of lesbian or gay persons were reported to police
- Violent victimizations of bisexual persons (31%) were less likely to be reported to police than violent victimizations of straight persons (45%)

FIGURE 2 Percent of violent victimizations reported to

Percent of violent victimizations reported to police, by sexual orientation, 2017–20



[†]Difference with comparison group is significant at the 95% confidence level.

SOGI statistical report and data file

- Additional findings and methodological information from the NCVS SOGI measures in the report:
 https://bjs.ojp.gov/library/publications/violent-victimization-sexual-orientation-and-gender-identity-2017-2020
- The public-use NCVS data files include the SOGI items from 2017 forward and are available through the National Archive of Criminal Justice Data: https://www.icpsr.umich.edu/web/NACJD/series/95
- Also see the Sexual Orientation and Gender Identity in BJS Data Collections webpage for additional information: https://bjs.ojp.gov/sexual-orientation-and-gender-identity-bjs-data-collections

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Sexual Orientation and Gender Identity in the Survey of Prison Inmates

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Overview

- History and goals of the Survey of Prison Inmates (SPI)
- Content and design of SPI
- Measurement of sexual orientation and gender identity (SOGI)
- Findings
- Access to data

History and goals of SPI

- Cross-sectional survey of persons incarcerated in adult correctional facilities in the United States
 - Formerly known as the Survey of Inmates in State and Federal Correctional Facilities
- Conducted periodically among a national sample of persons incarcerated in state and federal prisons
 - State: 1974, 1979, 1986, 1991, 1997, 2004, and 2016
 - Federal: 1991, 1997, 2004, and 2016
- Produce national estimates [different than the National Inmate Survey (NIS)]
 - Separate estimates of persons incarcerated in state and sentenced to federal prisons
 - Age 18 or older

SPI topics and interview

Variety of topics covered in the 2016 SPI (different than NIS)

Demographics

Socioeconomic status

Health and health care

Criminal justice - Prison rule violations

- Prison programs & work assignments

Interview

- Mode: Computer-assisted personal interviewing (CAPI) (different than NIS)
- Average length: 50 minutes

SPI sample size and response rates (2016)

- Two-stage sample design
- Sample sizes are smaller than NIS

	Total		State		Federal	
	Number	Percent	Number	Percent	Number	Percent
Number of facilities sampled	385	:	324	:	61	:
Ineligible	15	:	12	:	3	:
Eligible	370	100 %	312	100 %	58	100 %
Participated	364	98.4	306	98.1	58	100
Refused	6	1.6	6	1.9	0	0.0
Number of prisoners sampled	37,058	:	30,348	:	6,710	:
Ineligible	1,549	:	1,414	:	135	:
Eligible	35,509	100 %	28,934	100 %	6,575	100 %
Participated	24,848	70.0	20,064	69.3	4,784	72.8
Refused	9,310	26.2	7,755	26.8	1,555	23.7
Other not interviewed	1,351	3.8	1,115	3.9	236	3.6

:Not calculated.

SOGI measurement in the SPI

- The 2016 administration of SPI was the first SPI to measure SOGI
- Measured the sexual identity component of sexual orientation:

PH5. Which of the following best represents how you think of yourself?

- 1. Lesbian or gay,
- 2. Straight, that is not lesbian or gay,
- 3. Bisexual
- 4. Something else, or
- 5. You don't know the answer?

(DON'T KNOW/REFUSED CODED BY INTERVIEWER)

SPI used a two-step approach to measure gender identity

Sex assigned at birth

PH3. What sex were you assigned at birth, on your original birth certificate?

INTERVIEW NOTE: DID THEY TELL YOU THAT THEY WERE BORN MALE OR FEMALE?

- 1. MALE
- FEMALE (DON'T KNOW/REFUSED CODED BY INTERVIEWER)

Current gender identity

PH4. How do you describe yourself? (SELECT ONE)

- 1. Male
- 2. Female
- 3. Transgender
- 4. Do not identify as male, female or transgender

(DON'T KNOW/REFUSED CODED BY INTERVIEWER)

Testing of SOGI measures in SPI

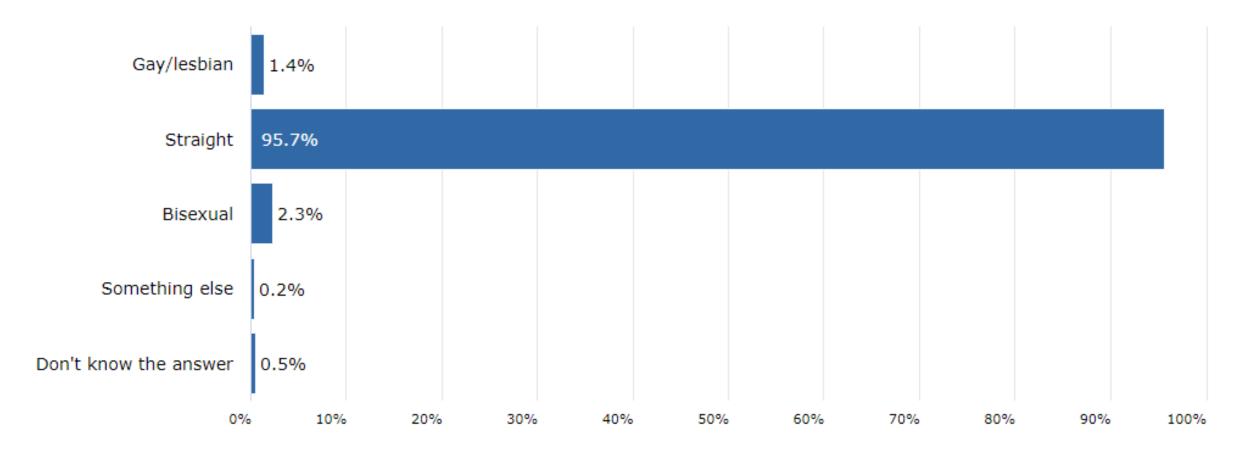
- Pretests
 - SPI pretest administered in 2013 (n= 480) and 2015 (n = 60)
 - Primary goal was to test the functionality of the CAPI instrument
 - Sexual orientation
 - Included in 2013 and 2015 pretests
 - Gender identity
 - Included in 2015 pretest

Unweighted distributions of SOGI measures in SPI

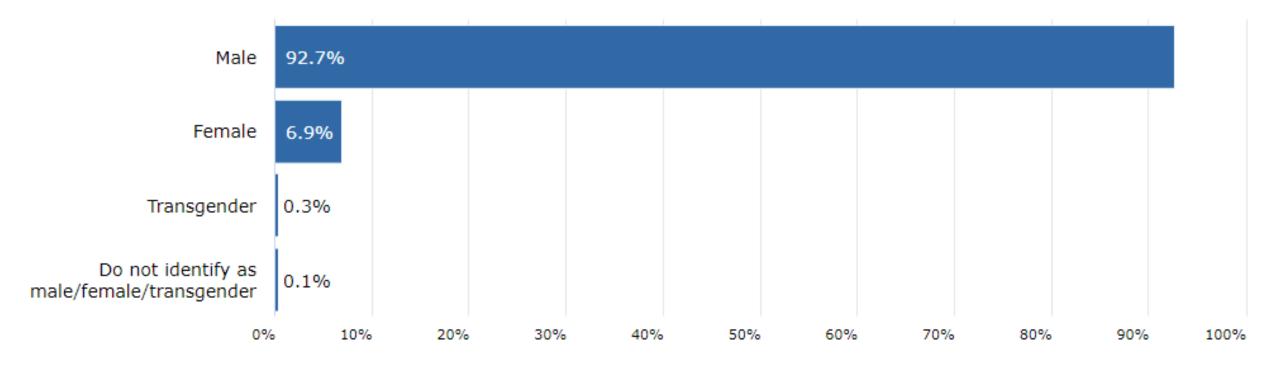
- These are not official BJS estimates because they are unweighted
- Goal is to show -
 - Item nonresponse of SOGI measures is low (less than 1.0% 1.5%)
 - Limited power for some categories

	Unweighted			Unweighted	
Sexual orientation	Number	Percent	Gender identity	Number	Percent
Total respondents	24,848	100 %	Total respondents	24,848	100 %
Lesbian or gay	571	2.30	Male	18,379	73.97
Straight	22,686	91.30	Female	6,216	25.02
Bisexual	1,183	4.76	Transgender	72	0.29
Something else	68	0.27	Do not identify as male,		
Don't know the answer	145	0.58	female, or transgender	23	0.09
DON'T KNOW	41	0.17	DON'T KNOW	5	0.02
REFUSED	154	0.62	REFUSED	153	0.62

About 4% of the U.S. prison population identified as LGBQ+ in 2016

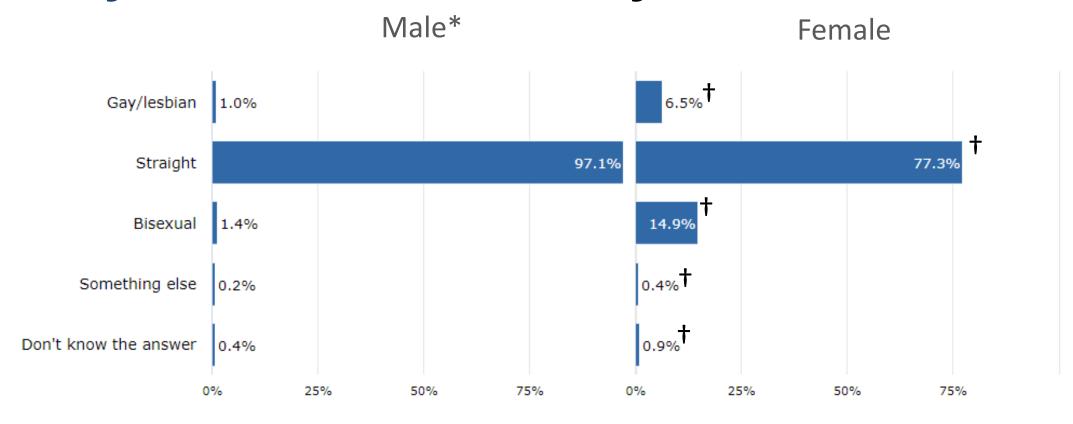


In 2016, about 0.3% of the U.S. prison population identified as transgender



Note: "Transgender" includes persons who reported that they identified as transgender (51%) or with a gender different than their sex assigned at birth (49%).

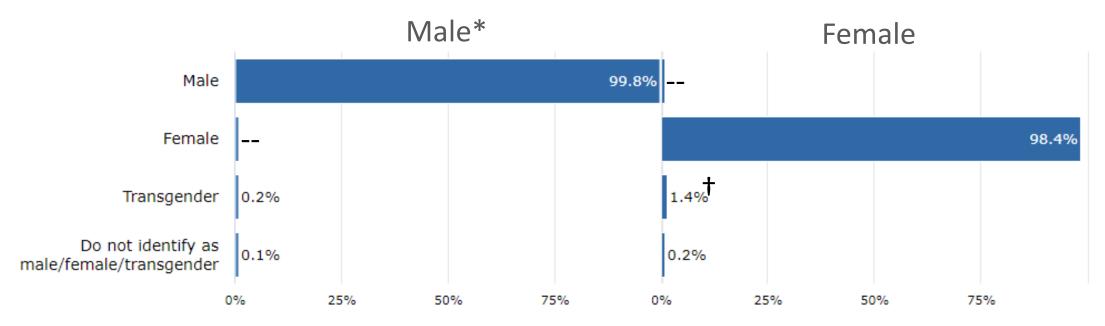
Females (sex at birth) in U.S. prisons were more likely than males to identify as LGBQ+ in 2016



^{*}Comparison group.

[†]Difference with comparison group is significant at the 95% confidence level.

In 2016, females (sex at birth) in U.S. prisons were more likely than males to identify as transgender



Note: "Transgender" includes persons who reported that they identified as transgender (51%) or with a gender different than their sex assigned at birth (49%).

^{*}Comparison group.

[†]Difference with comparison group is significant at the 95% confidence level.

⁻⁻Estimate is equal to 0 sample cases.

More than 5% of white persons and those of two or more races in U.S. prisons identified as LGBQ+ in 2016

			-	Two or more	
Sexual orientation	White	Black [*]	Hispanic	races	Other race
Gay/lesbian	2.0 %†	1.0 %	1.0 %	1.8 %†	~ %
Straight	94.5 †	97.4	95.8 †	93.4 †	95.4
Bisexual	3.2 †	1.2	2.1 †	3.9 †	2.4
Something else	0.2	0.1	0.2	0.4	~
Don't know the answer	0.3	0.3	0.9 †	0.4	~

Note: "White", "Black", "Two or more races", and "Other race" exclude persons of Hispanic origin (e.g., "White" refers to non-Hispanic whites and "Black" refers to non-Hispanic blacks). "Other race" includes Asians, Native Hawaiians, other Pacific Islanders, American Indians, and Alaska Natives.

[~]Estimate is based on fewer than 10 sample cases which is too small to generate a reliable estimate.



^{*}Comparison group.

[†]Difference with comparison group is significant at the 95% confidence level.

Differences in gender identity by race/ethnicity largely reflect differences in sex (at birth) in U.S. prisons in 2016; no differences in those who identified as transgender

			Two or more		
Gender identity	White	Black [*]	Hispanic	races	Other race
Male	89.3 %†	95.7 %	94.0 %†	90.6 %†	92.5 %
Female	10.6 †	4.0	5.5 †	8.8 †	7.0
Transgender	0.1	0.3	0.3	0.4	~
Do not identify as					
male/female/transgender	~	~	~	~	~

Note: "White", "Black", "Two or more races", and "Other race" exclude persons of Hispanic origin (e.g., "White" refers to non-Hispanic whites and "Black" refers to non-Hispanic blacks). "Other race" includes Asians, Native Hawaiians, other Pacific Islanders, American Indians, and Alaska Natives. "Transgender" includes persons who reported that they identified as transgender (51%) or with a gender different than their sex assigned at birth (49%).

[~]Estimate is based on fewer than 10 sample cases which is too small to generate a reliable estimate.



^{*}Comparison group.

[†]Difference with comparison group is significant at the 95% confidence level.

SPI statistical report and data file

- More information on the 2016 SPI SOGI measures and findings are available at https://bjs.ojp.gov/content/pub/pdf/ppi16.pdf
- To access the 2016 SPI public-use data file and documentation at the National Archive of Criminal Justice Data, go to https://www.icpsr.umich.edu/web/NACJD/studies/37692
- Also see the Sexual Orientation and Gender Identity in BJS Data Collections webpage for additional information: https://bjs.ojp.gov/sexual-orientation-and-gender-identity-bjs-data-collections

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Sexual Orientation and Gender Identity in BJS PREA Surveys

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Presentation Agenda

1. Prison Rape Background: History and the Role of BJS

2. SOGI Measures and Findings: National Inmate Survey and National Survey of Youth in Custody

3. Next Steps and Closing

Prison Rape Background History and the Role of BJS

Prison Rape Elimination Act (PREA) of 2003

To provide for the analysis of the incidence and effects of prison rape in Federal, State, and local institutions and to provide information, resources, recommendations and funding to protect individuals from prison rape.

What is BJS's role in PREA?

Generate annual statistics on the incidence of prison rape

Identify facilities with high- and low-incidence rates

Identify common characteristics of victims, perpetrators, and facilities

BJS measures prison rape through several methods

Prisons

Jails

Youth Facilities

Inmate/youth interviews

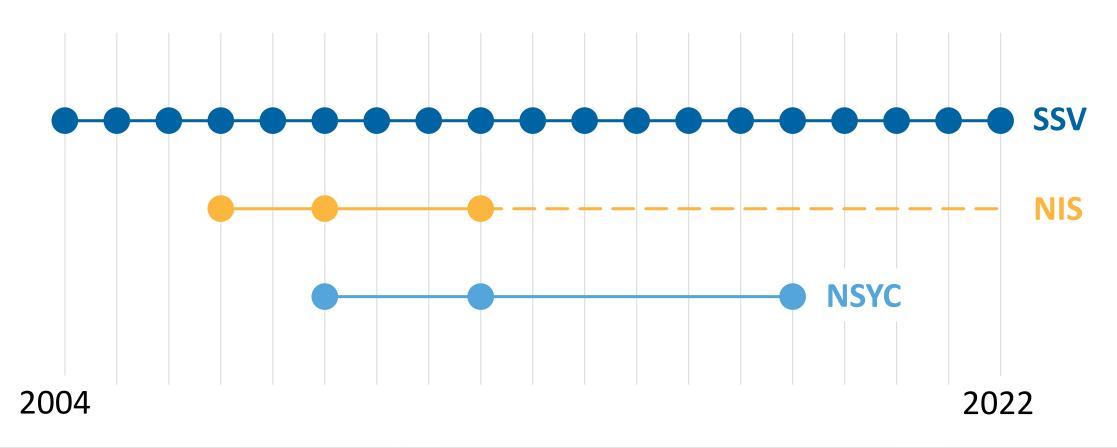
Administrative records

National Inmate Survey (NIS)

National Survey of Youth in Custody (NSYC)

Survey of Sexual Victimization (SSV)

BJS has collected PREA data annually since 2004



SOGI Measures and Findings

National Inmate Survey and National Survey of Youth in Custody

BJS has surveyed over 200,000 adult inmates as part of the National Inmate Survey

	NIS-1	NIS-2	NIS-3
Year conducted	2007	2008-09	2011-12
Number of facilities (total)	428	453	591
Prisons	146	167	233
Jails	282	286	358
Number of respondents (total)	63,817	80,095	91,177
Prisons	23,398	32,029	38,251
Jails	40,419	48,066	52,926



The first two rounds of NIS in 2007 and 2008-09 included two SOGI questions

Do you consider yourself to be heterosexual or 'straight', bisexual, or homosexual or gay?

- Heterosexual or 'Straight'
- 2. Bi-sexual
- 3. Homosexual, Gay, or Lesbian
- 4. Other

Are you male, female, or transgender?

- 1. Male
- 2. Female
- 3. Transgender

The sexual orientation question changed slightly in 2011-12

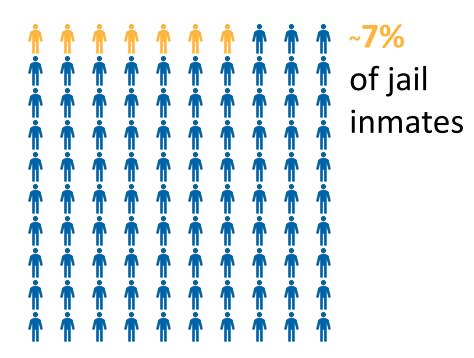
Do you consider yourself to be heterosexual or 'straight', bisexual, or homosexual or gay?

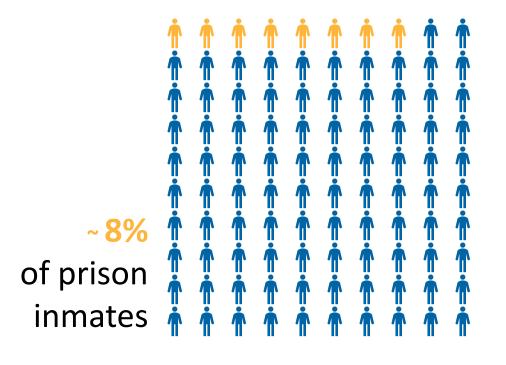
- 1. 'Straight,' which is also called Heterosexual
- 2. Bi-sexual
- 3. Homosexual, Gay, or Lesbian
- 4. Other

Are you male, female, or transgender?

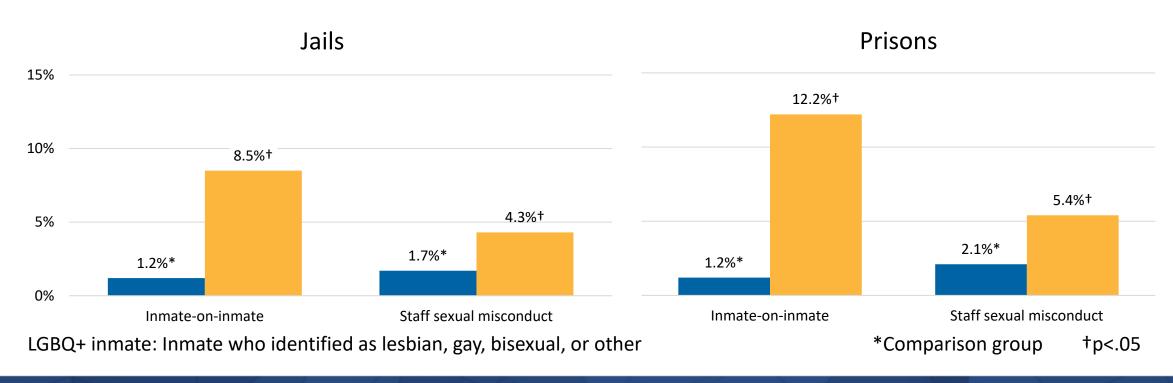
- 1. Male
- 2. Female
- 3. Transgender

Jails and prisons had similar percentages of LGBQ+ and heterosexual inmates in 2011-12



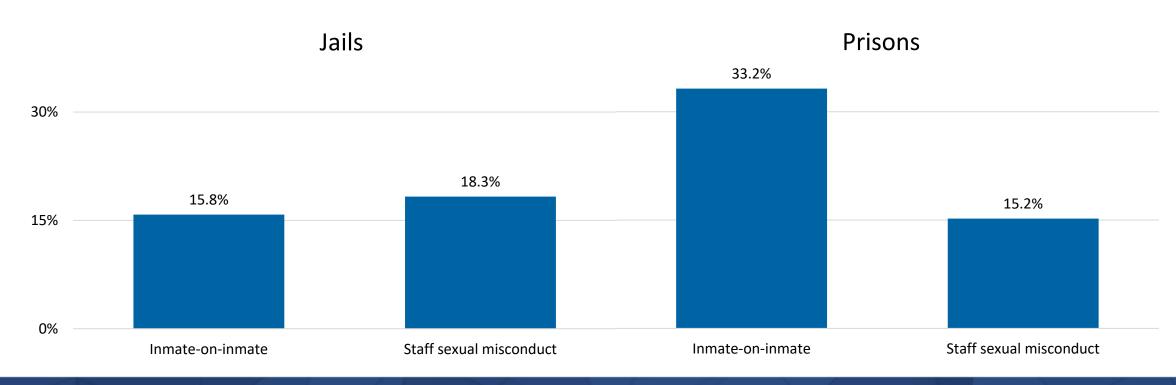


In 2011-12, LGBQ+ inmates reported sexual victimization between two and ten times more often than heterosexual inmates





About one-third of transgender inmates in prisons in 2011-12 reported inmate-on-inmate sexual victimization





BJS has surveyed over 25,000 youth in custody over three waves of NSYC

	NSYC-1	NSYC-2	NSYC-3
Year conducted	2008-09	2012	2018
Number of facilities (total)	195	326	327
Number of respondents (total)	10,263	8,707	6,910

In 2008-09 and 2012, NSYC included one sexual orientation question on identity and attraction

Which of these best fits how you think of yourself?

- 1. Totally straight (heterosexual)
- 2. Most straight but kind of attracted to people of your own sex
- 3. Bisexual that is attracted to males and females equally
- 4. Mostly gay (homosexual) but kind of attracted to people of the opposite sex
- 5. Totally gay (homosexual)
- 6. Not sexually attracted to either males or females

The first two NSYC administrations collected limited information on gender identity

Do you think of yourself as...

- 1. Male
- 2. Female
- 3. Something else

In 2018, NSYC split out sexual identity and attraction into separate items...

Do you consider yourself?

- 1. Gay or lesbian
- 2. Straight, that is, not gay or lesbian
- 3. Bisexual
- 4. Something else
- 5. Not sure

People are different in their sexual attraction to other people. Which best describes your feelings?

- 1. Only attracted to males
- 2. Mostly attracted to males
- 3. Equally attracted to females and males
- 4. Mostly attracted to females
- 5. Only attracted to females
- 6. Something else
- 7. Not sure

...and added a two-step gender identity measure

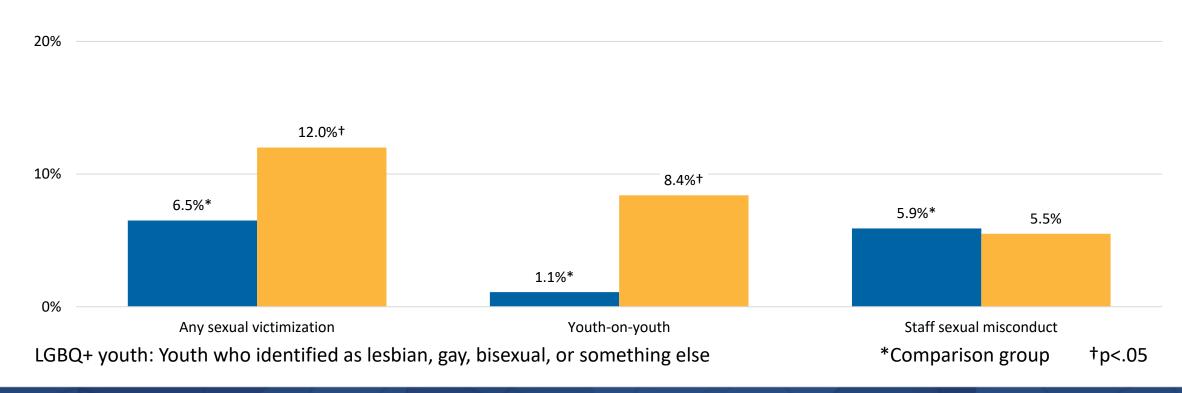
What sex were you assigned at birth, on your original birth certificate?

- 1. Male
- 2. Female

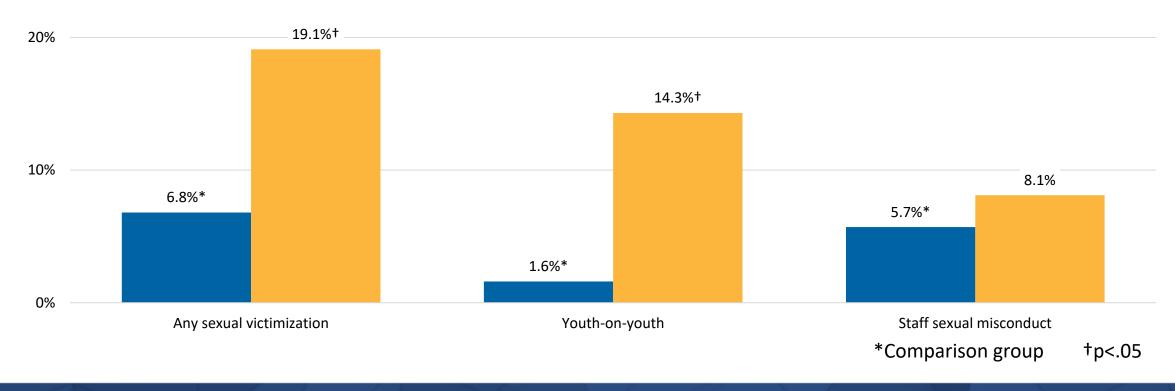
Do you currently describe yourself as male, female, transgender, something else, or are you not sure?

- 1. Male
- 2. Female
- 3. Transgender
- 4. Something else
- 5. Not sure

Almost eight times as many LGBQ+ youth reported youth-on-youth sexual victimization than heterosexual youth in 2018



In 2018, nearly nine times as many transgender youth reported youth-on-youth sexual victimization as cisgender youth



Next Steps and Closing

The proposed NIS-4 survey features a revised sexual orientation question...

Which of the following best represents how you think of yourself?

- Lesbian or gay
- 2. Straight; that is, not lesbian or gay
- 3. Bisexual; that is, you are sexually attracted to both men and women
- 4. [Two-Spirit]
- 5. Something else

...and a two-step gender identity measure

What sex were you assigned at birth, on your original birth certificate?

- 1. Male
- 2. Female

Do you currently think of yourself as...?

- 1. Male
- 2. Female
- 3. Transgender
- 4. [Two-Spirit]
- 5. None of these

Future directions

Field NIS-4 and analyze new SOGI items

Continue monitoring best practices for collecting SOGI information

Collect feedback from stakeholders on SOGI data needs

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Q&A Session

Please type your questions for the panelists into the **Q&A** window