

Sexual Orientation Results from the National Health Interview Survey

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Disclaimer

- ❑ This presentation does not represent official opinions or statistics of the National Center for Health Statistics or the Centers for Disease Control and Prevention.

Overview

- ❑ Quick recap of final NHIS field test of sexual orientation question / audio computer-assisted self interviewing (ACASI)

- ❑ Initial results from the 2013 NHIS
 - Sexual orientation response distributions
 - Select health indicators by sexual orientation

- ❑ Past, Present, and Future Research

Sexual Orientation Question

National Health Interview Survey - version 14.04

Forms Answer Navigate Options Help Show Watch Window

NHIS Roster FAQ Status F10

ASI1

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

1. Gay

2. Straight, that is, not gay

3. Bisexual

4. Something else

5. I don't know the answer

Yourself

Something Else

Don't Know

Other

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Final Field Test

Final Field Test

□ Goals:

- Conduct full dress rehearsal
- Obtain prevalence estimate of sexual minorities
- Split-ballot of ACASI (n=3,000) vs. CAPI (n=2,000)
 - Compare prevalence estimates, item nonresponse rates, break-offs
- Compare CAPI/ACASI test cases to production interviews
 - Explore context effects; impacts on trends

□ Plans/Procedures:

- Data collection began August 1 and concluded September 30 (October 15th for select areas)
- Nationally-representative sample
- ~470 Census interviewers
- Two one-day classroom trainings

Final Field Test: Summary of Results

- ❑ No significant difference in estimates of sexual minority (gay or lesbian, bisexual) by mode
 - CAPI=2.4%; ACASI=2.2%
- ❑ Very few differences in item nonresponse rates by mode
 - Out of 28 questions, 3 significantly higher rates in ACASI and 4 significantly higher rates in CAPI
- ❑ Survey breakoff rate was higher in ACASI (3.2%) compared to CAPI (1.0%)
- ❑ Due to transition/practice questions, ACASI took longer to administer

Initial Results from the 2013 NHIS

Sexual Orientation Response Distribution

- 33,784 sample adults (18+) received the sexual orientation question:

Sexual Orientation	Percent
Gay/lesbian	1.6
Straight	96.6
Bisexual	0.7
Something else	0.2
I don't know the answer	0.4
Refused	0.6

- Majority of results presented here can be found in:

Sexual orientation and health among U.S. adults: National Health Interview Survey, 2013. Ward BW, Dahlhamer JM, Galinsky AM, Joestl SS. National health statistics reports; no 77. Hyattsville, MD: National Center for Health Statistics. 2014. <http://www.cdc.gov/nchs/data/nhsr/nhsr077.pdf>

Sexual Orientation among U.S. Adults Aged 18 and Over, by Sex and Race/Ethnicity: NHIS, 2013

	% Straight	% Gay or Lesbian	% Bisexual	% Missing¹
Overall	96.6	1.6	0.7	1.1
Sex				
Male	96.7	1.8	0.4	1.1
Female	96.6	1.4	0.9	1.1
Race/Ethnicity				
Hispanic	96.7	1.5	0.5	1.3
Non-Hispanic white	96.7	1.7	0.6	1.0
Non-Hispanic black	96.4	1.5	0.8	1.4
Non-Hispanic other	96.5	1.1	1.0	1.5

¹ Missing includes responses of "something else," "I don't know the answer," and refused.

Sexual Orientation among U.S. Adults Aged 18 and Over, by Education and Age Group: NHIS, 2013

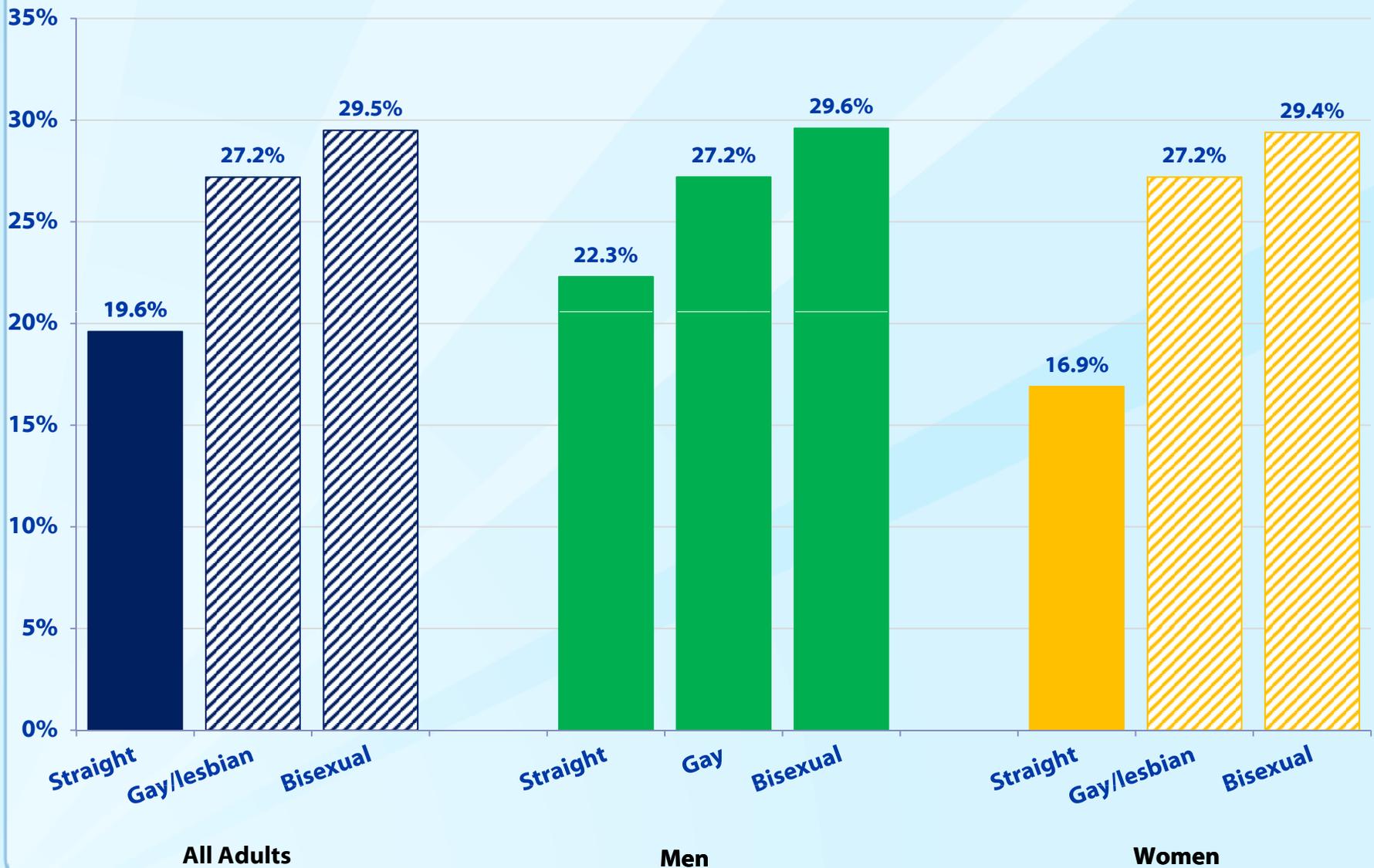
	% Straight	% Gay or Lesbian	% Bisexual	% Missing¹
Overall	96.6	1.6	0.7	1.1
Education				
< HS/GED	97.1	0.7	0.8	1.4
HS/GED	97.1	1.2	0.6	1.1
Some college/AA	96.4	1.8	0.7	1.1
Bachelor's +	96.3	2.2	0.6	0.9
Age group				
18-44	96.0	1.9	1.1	1.1
45-64	96.7	1.8	0.4	1.2
65+	98.1	0.7	*0.2	1.1

¹ Missing includes responses of "something else," "I don't know the answer," and refused.

* Estimate has a relative standard error greater than 30% and less than or equal to 50%.

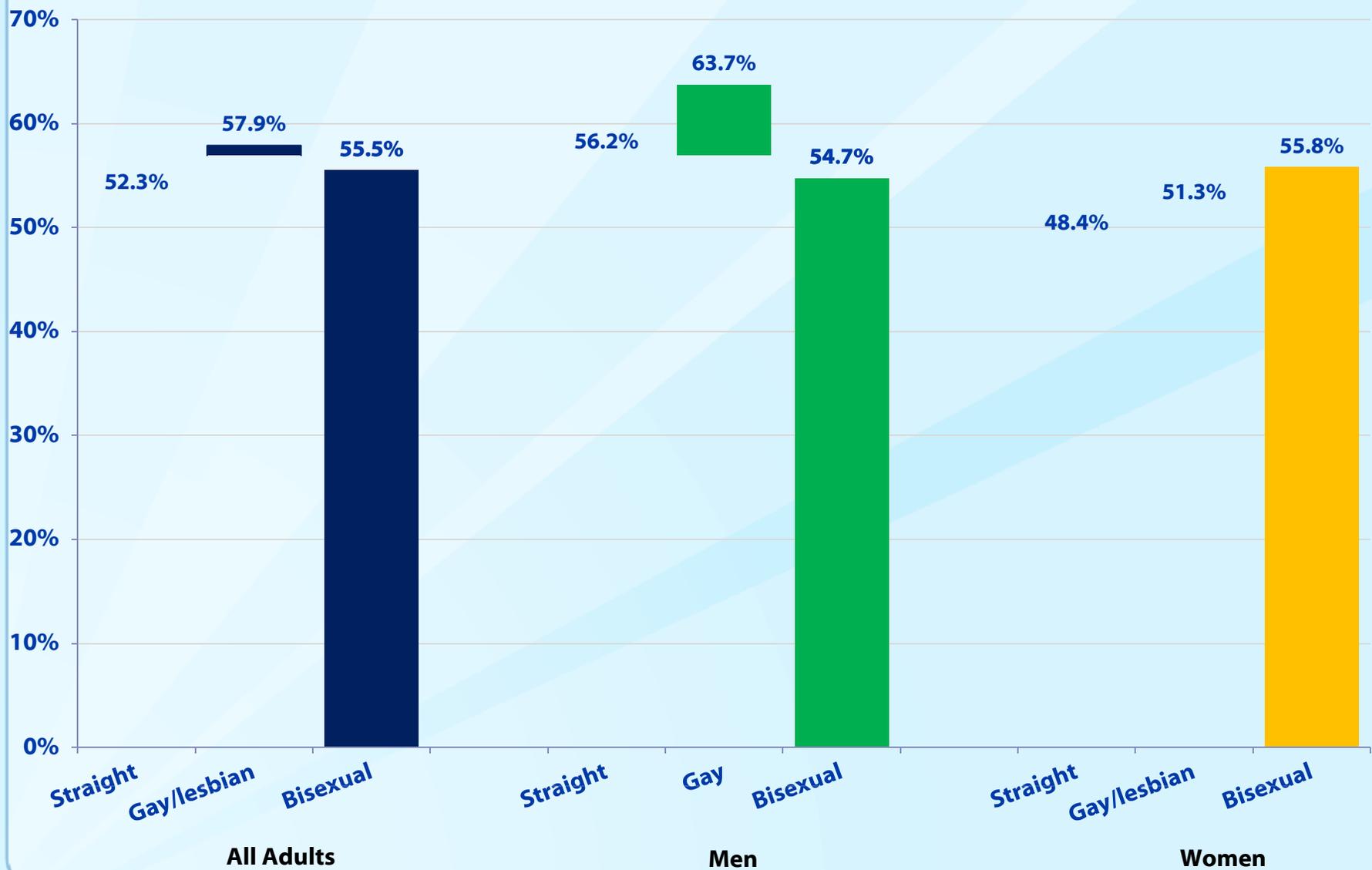
Health Behavior Indicators

Current Cigarette Smoking by Sexual Orientation and Sex, among Adults Aged 18-64: United States, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

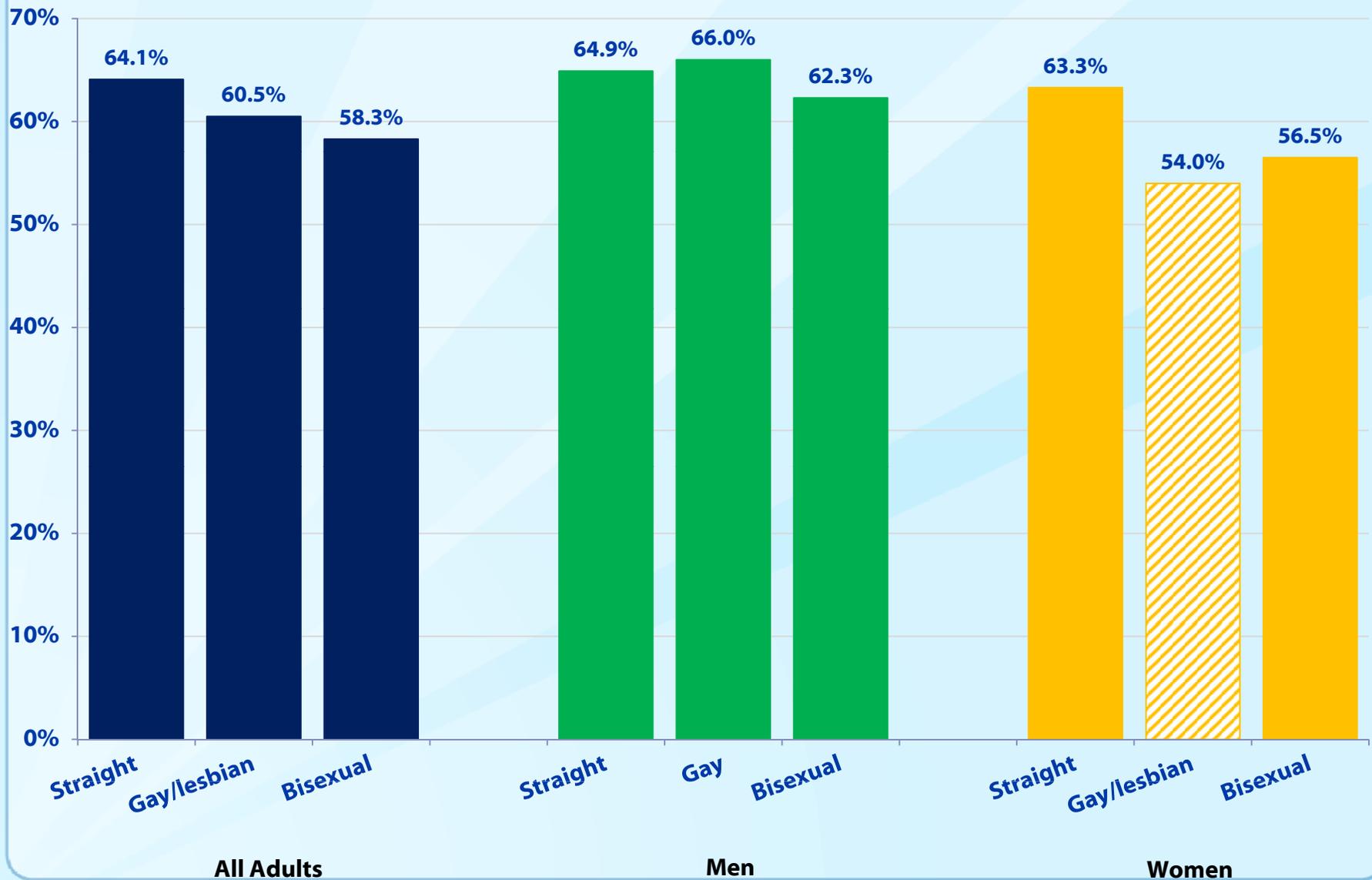
Met Federal Guidelines for Aerobic Physical Activity by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

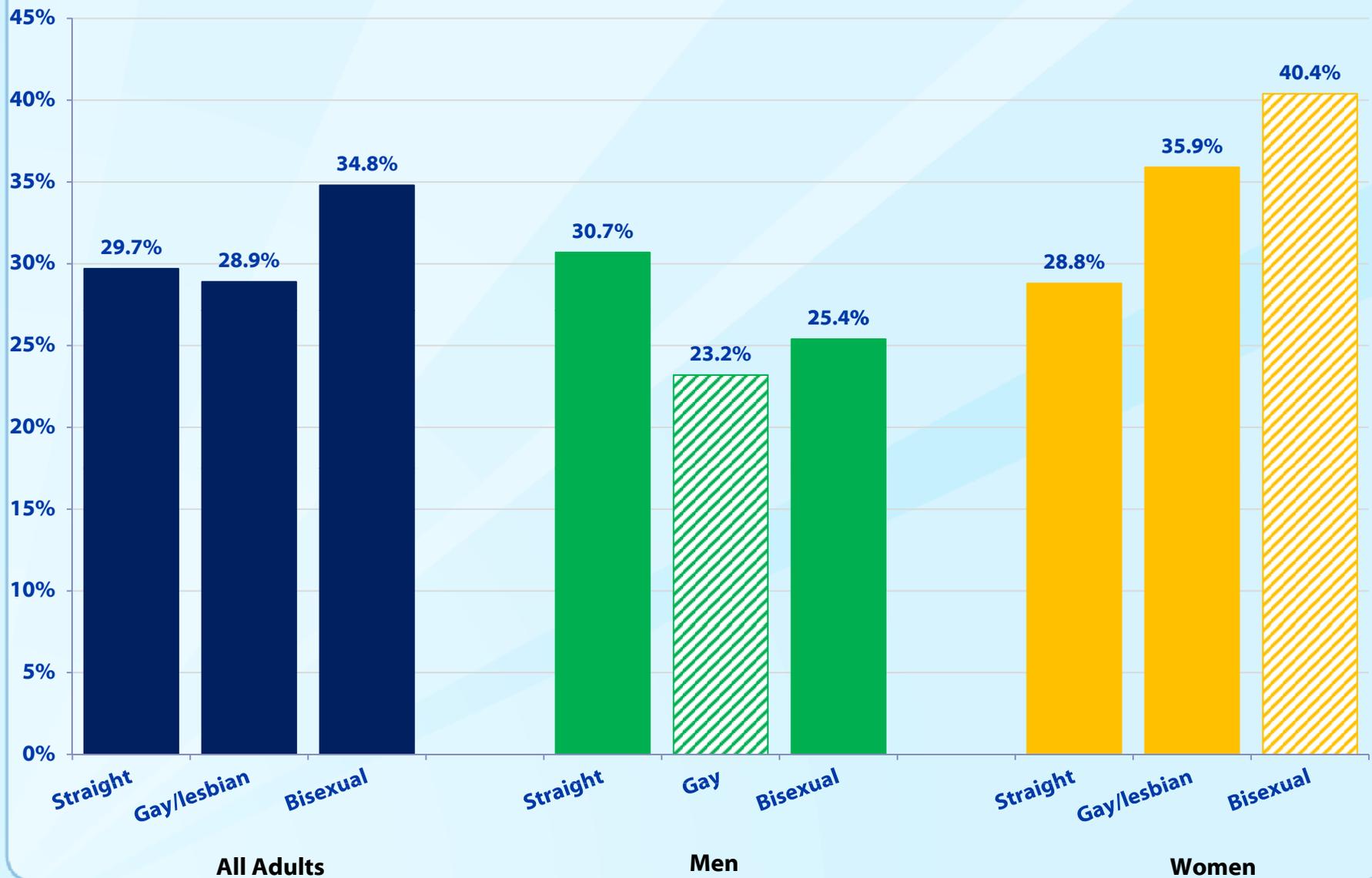
Health Status Indicators

Health Described as Excellent or Very Good by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

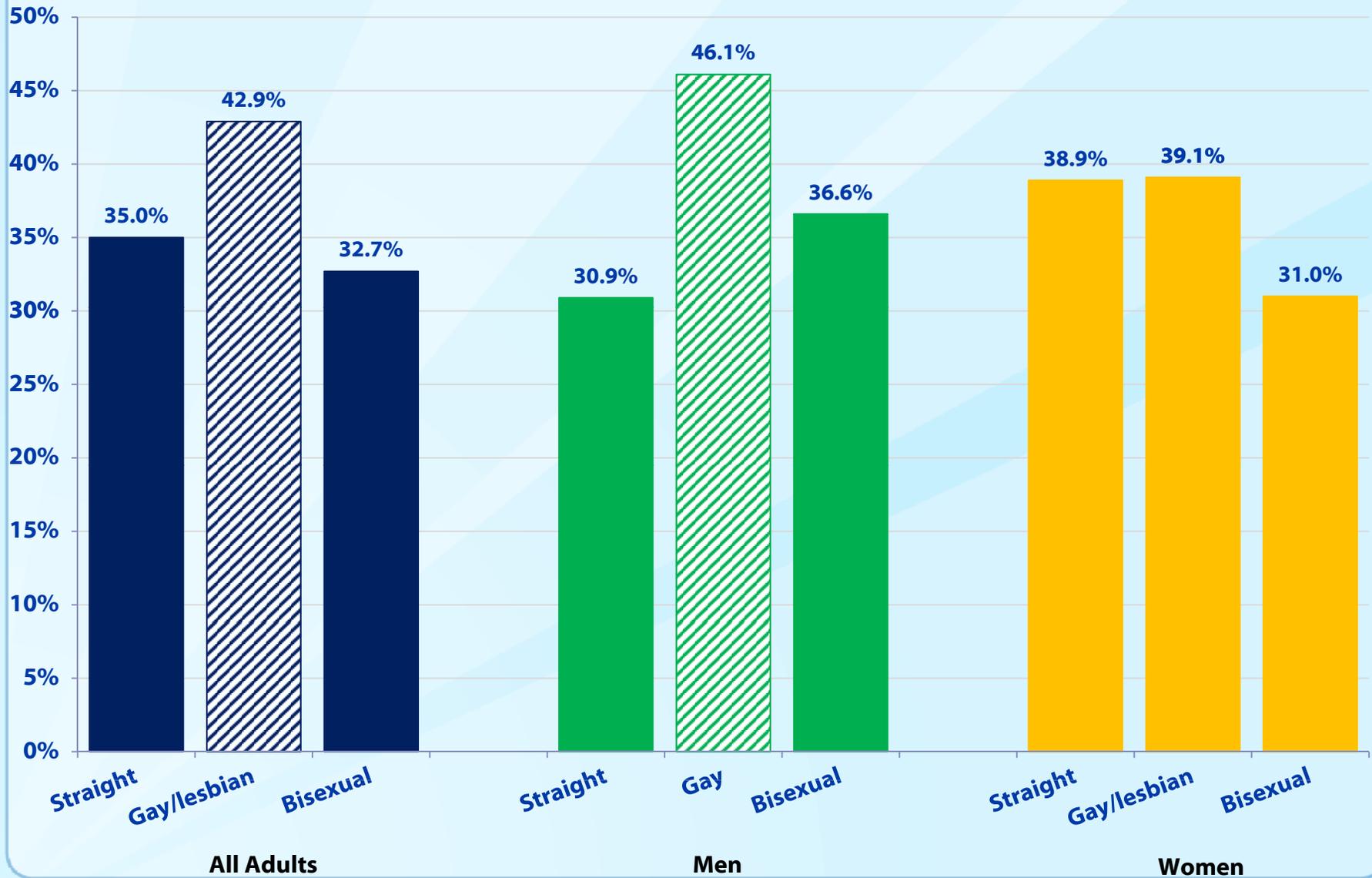
Obese by Sexual Orientation and Sex, among Adults Aged 20-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

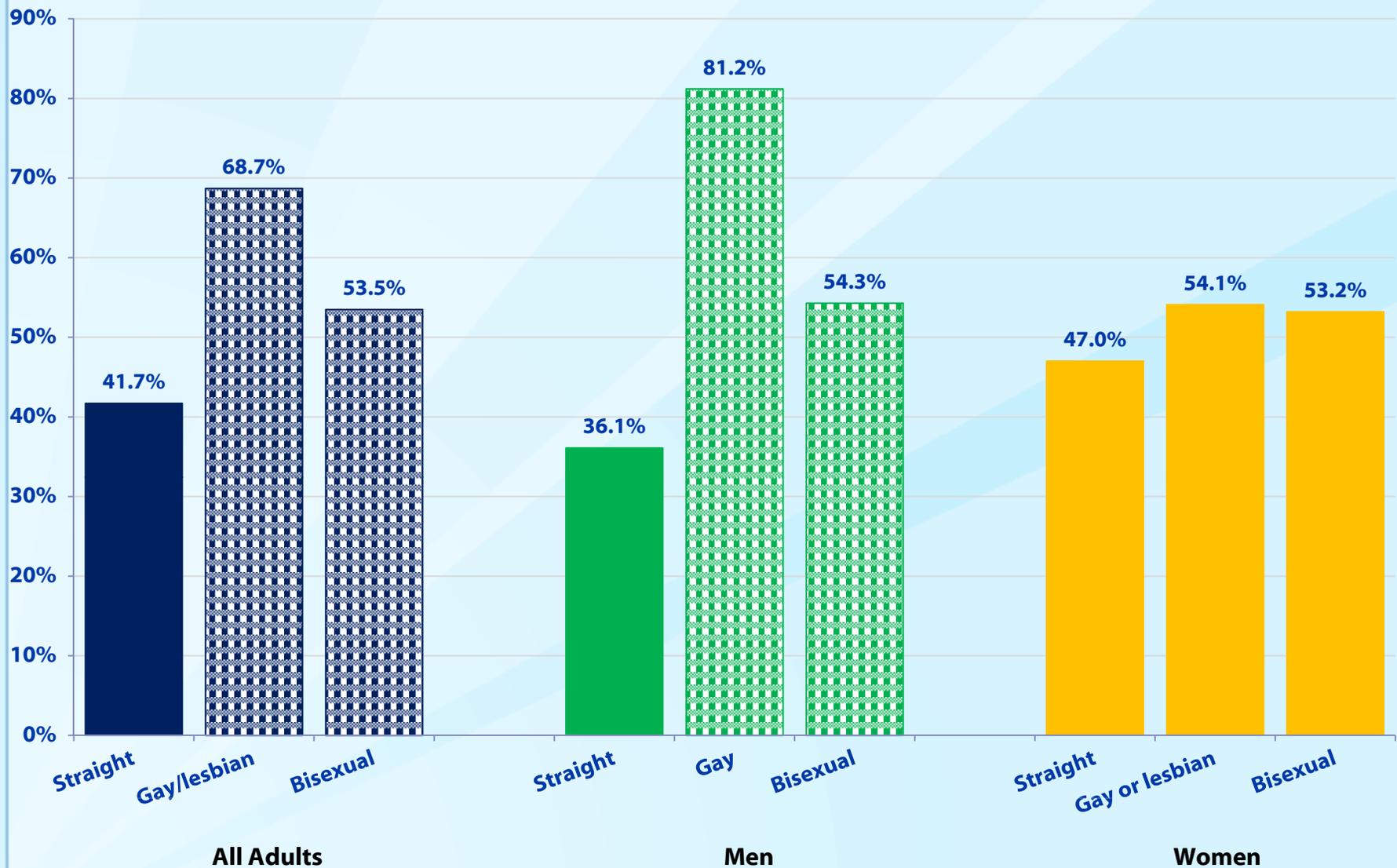
Health Care Service and Utilization Indicators

Received Influenza Vaccination during Past Year by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

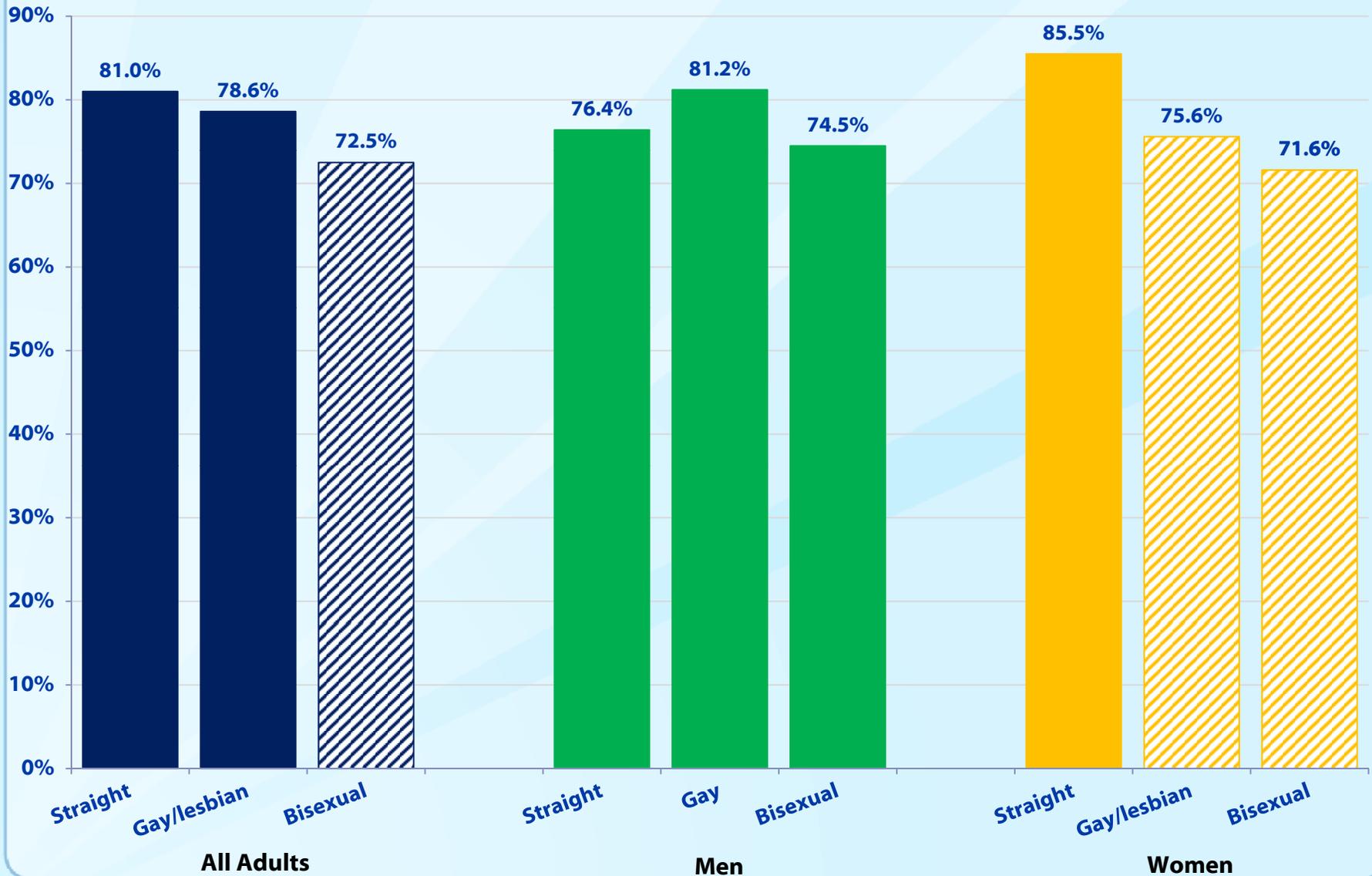
Ever Been Tested for HIV by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Plaid fill indicates a significant difference ($p < .05$) from adults identifying as straight, and a significant difference between adults identifying as gay or lesbian and adults identifying as bisexual.

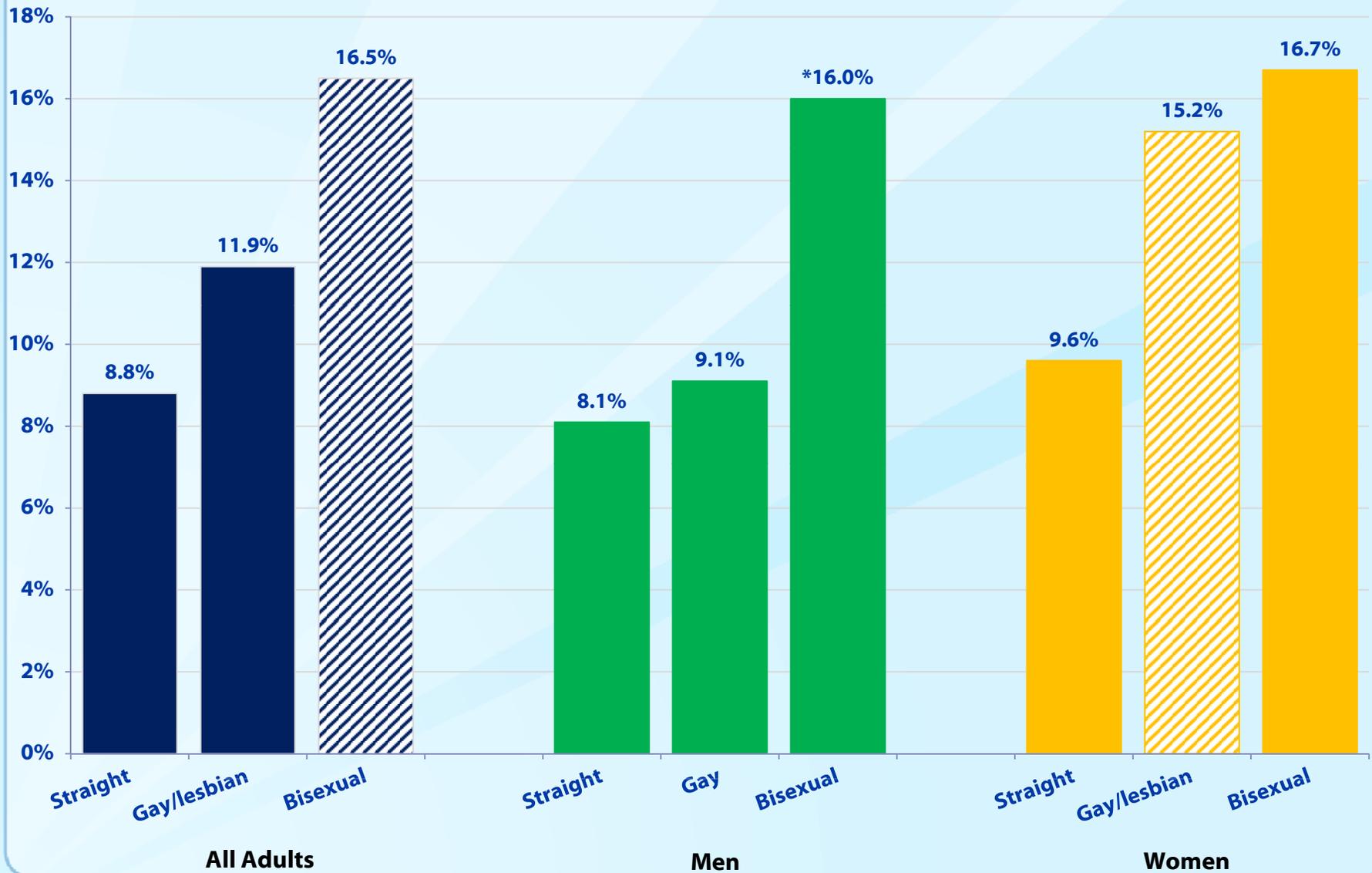
Health Care Access Indicators

Has a Usual Place to Go for Medical Care by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

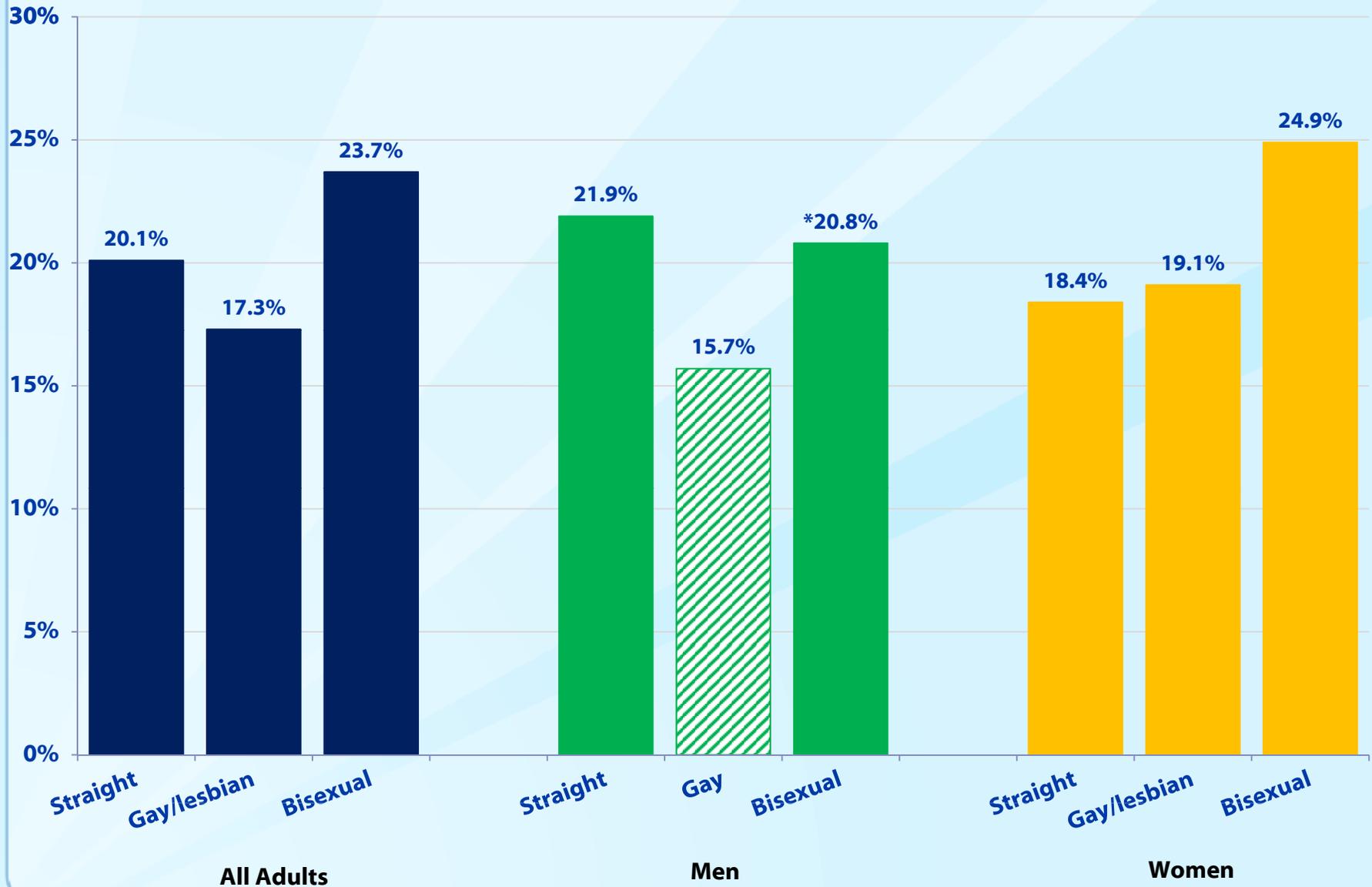
Failed to Obtain Needed Medical Care in the Past Year Due to Cost by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

* Estimate has a relative standard error greater than 30% and less than or equal to 50%.

Currently Uninsured by Sexual Orientation and Sex, among Adults Aged 18-64: NHIS, 2013



Pattern fill indicates a significant difference ($p < .05$) from adults identifying as straight.

* Estimate has a relative standard error greater than 30% and less than or equal to 50%.

Publications/Research

- Publications using the 2013 data:

Sexual orientation and health among U.S. adults: National Health Interview Survey, 2013. Ward BW, Dahlhamer JM, Galinsky AM, Joestl SS. National health statistics reports; no 77. Hyattsville, MD: National Center for Health Statistics. 2014. <http://www.cdc.gov/nchs/data/nhsr/nhsr077.pdf>

A Brief Quality Assessment of the NHIS Sexual Orientation Data. Division of Health Interview Statistics, National Center for Health Statistics, Centers for Disease Control and Prevention, U.S. Department of Health and Human Services. Hyattsville, Maryland. July 2014.

Gates, GJ. 2014. LGB Families and Relationships: Analyses of the 2013 National Health Interview Survey. Williams Institute, UCLA School of Law.

Gates, GJ. 2014. LGB/T Demographics: Comparisons among population-based surveys. Williams Institute, UCLA School of Law.

Publications/Research, cont.

- ❑ Forthcoming:

Sexual Orientation in the 2013 National Health Interview Survey: A Quality Assessment. Dahlhamer JM, Galinsky AM, Joestl SS, Ward BW. Vital Health Statistics 2(169). 2014. **TO BE RELEASED DECEMBER 15**

- ❑ Under construction:

Ward BW and Joestl SS. Prevalence of Select Chronic Conditions among U.S. Adults, by Sexual Identity: National Health Interview Survey, 2013,

Dahlhamer JM, Galinsky AM, Joestl SS, and Ward BW. Sexual Identity and Barriers to Healthcare.

- ❑ Development of the sexual orientation question:

Design, Development and Testing of the NHIS Sexual Identity Question. (2011). Miller, K., Ryan, J. M.. National Center for Health Statistics. Hyattsville, MD. In Qbank (On-line Access to Question Evaluation Studies) <http://wwwn.cdc.gov/qbank>.

Thank You!

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