



HENNEPIN COUNTY
MINNESOTA



Discrimination & Health - data from SHAPE 2018

Hennepin County Public Health Assessment Team, June 30, 2020

SHAPE 2018 – survey content

Overall health

- General health, health related quality of life
- Chronic diseases and conditions
- Overweight and obesity
- Mental health
- Activity limitations and disabilities

Access to health care

- Health insurance coverage
- Usual places of care
- Unmet health and mental health care need
- Prevention care
- Dental care, prescription use

Healthy lifestyles and behaviors

- Diet, nutrition, beverage intake
- Physical activity and exercise
- Cigarettes, e-cig, other tobacco products
- Alcohol use

Social-environmental factors

- Community connectedness,
- Social support, Social isolation
- Neighborhood safety
- Race and gender identity discrimination
- Housing, food, transportation security
- Sexual orientation and gender identity
- Education, income, country of birth, race/ethnicity..

SHAPE 2018 data on discrimination and respect

Measure

Survey question

Perceived discrimination

E11. How often are you in situations where you feel unaccepted because of your race, culture, religion, or immigration status?

- At least once a week
- Once or twice a month
- A few times a year
- Once a year or less often
- Never

Perceived discrimination due to SOGI

E11. How often are you in situations where you feel unaccepted because of your sexual orientation or gender identity?

- At least once a week
- Once or twice a month
- A few times a year
- Once a year or less often
- Never

Treat with respect by health care provider

B16. During the past 12 months, how often were you treated with respect by your health care providers?

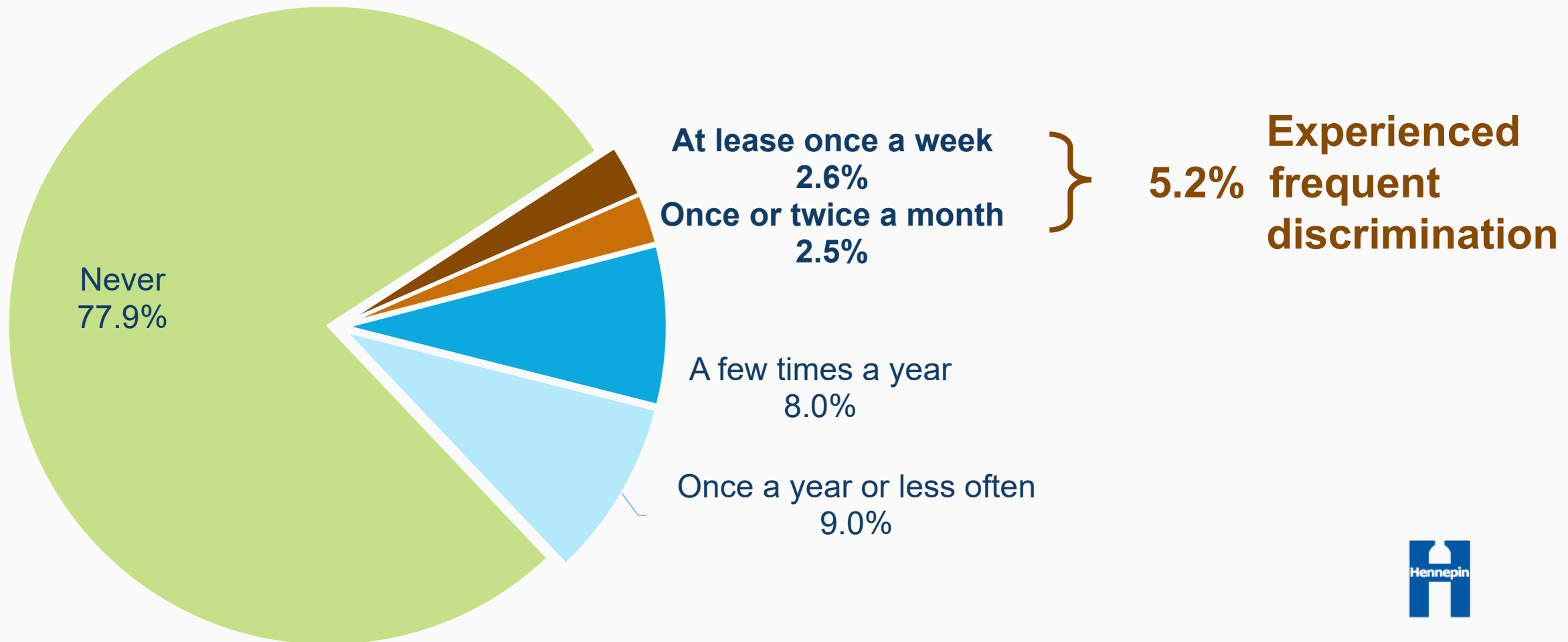
- Always
- Most of the time
- Some of the time
- None of the time
- I did not see any healthcare provider

Discrimination experience: who are being affected?

Experienced discrimination due to race, culture, religion, or immigration status

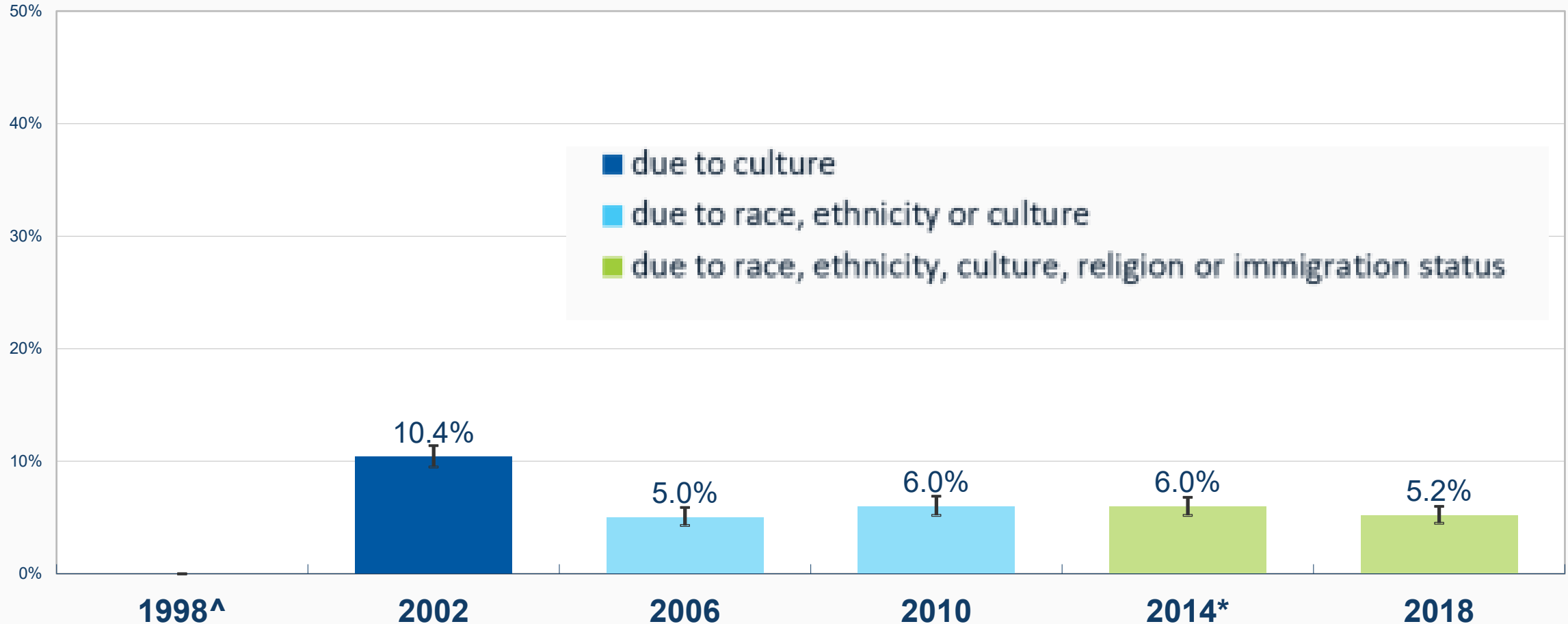
Hennepin County adults age ≥18, SHAPE 2018 mail+

Q. . How often are you in situations where you feel unaccepted because of your race, culture, religion, or immigration status?



% experienced frequent discrimination

Hennepin County adults, 1998 to 2018



• Results from 2014 survey limited to adults age 25 and older

^ SHAPE 1998 discrimination data used **Everyday Discrimination scale** by David Williams.

Survey questions used in SHAPE 1998 was was not asked in this SHAPE iteration.

Note: Vertical line represents 95% confidence intervals.

Source: SHAPE 1998-2018, weighted data, available @ www.Hennepin.us/shape.



% experienced frequent discrimination by geographic areas*

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Hennepin County 5.2%

Minneapolis 7.3%**

- N** Camden, Near North
- E** Central, Northeast, University, St. Anthony
- C** Phillips, Powderhorn
- S** Calhoun-Isles, Longfellow, Nokomis, Southwest

Suburban Hennepin 4.0%

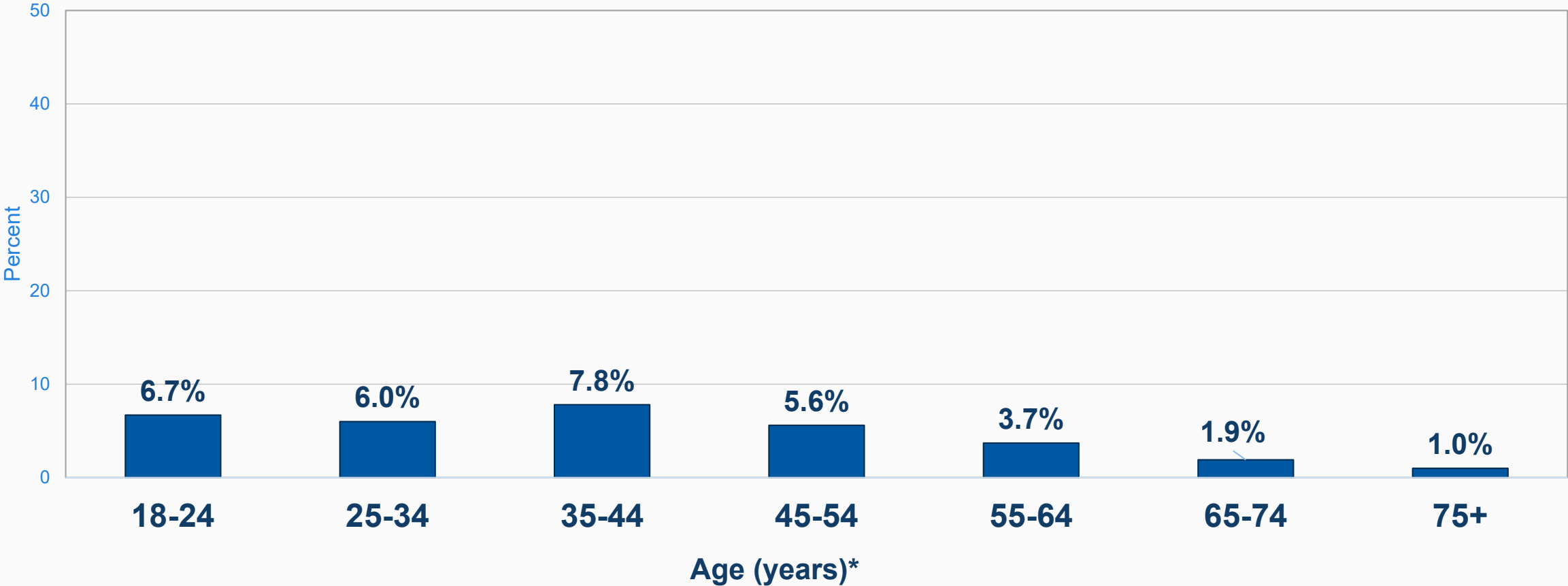
- NW1 Northwest suburbs - inner
- NW2 Northwest suburbs - outer
- W1 West suburbs - inner
- W2 West suburbs - outer
- S1 South suburbs - east
- S2 South suburbs - west

* Difference in rates across geographic areas is statistically significant @ p<0.05
Difference in rates between Minneapolis and suburban is statistically significant @ p<0.05



% experienced frequent discrimination by age*

Hennepin County adults ≥ 18 , SHAPE 2018 mail+

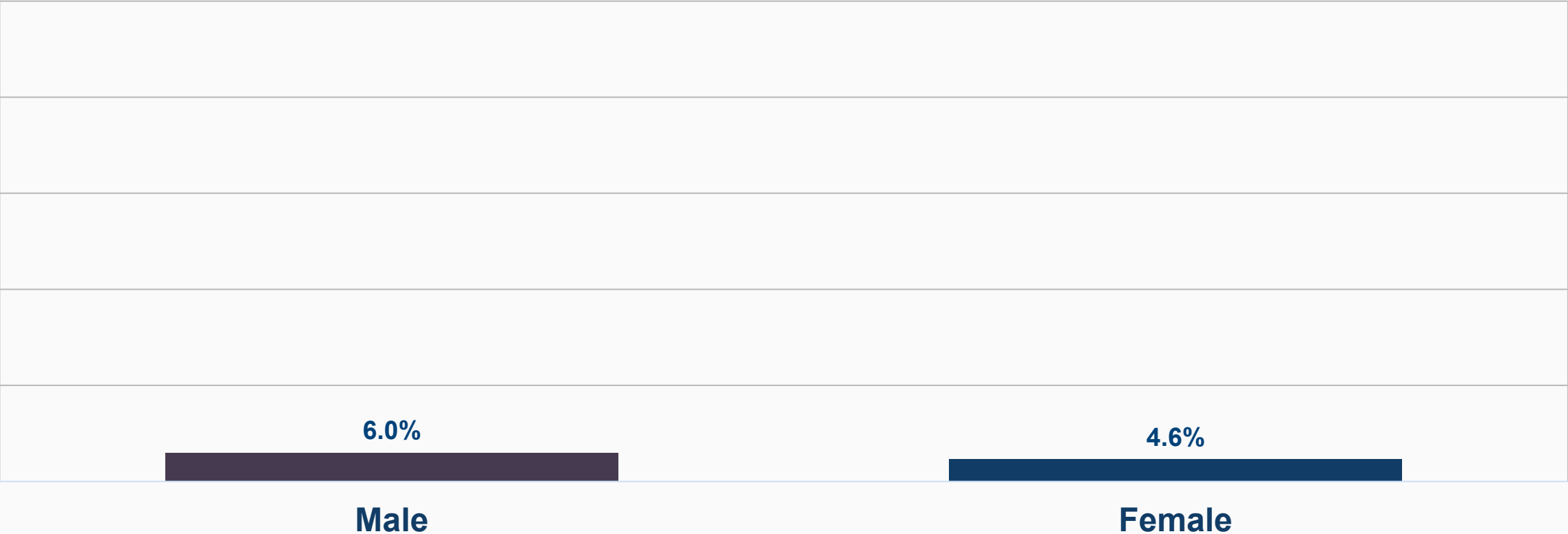


* Difference in results across groups is statistically significant @ p<0.05.



% experienced frequent discrimination by gender

Hennepin County adults ≥ 18, SHAPE 2018 mail+

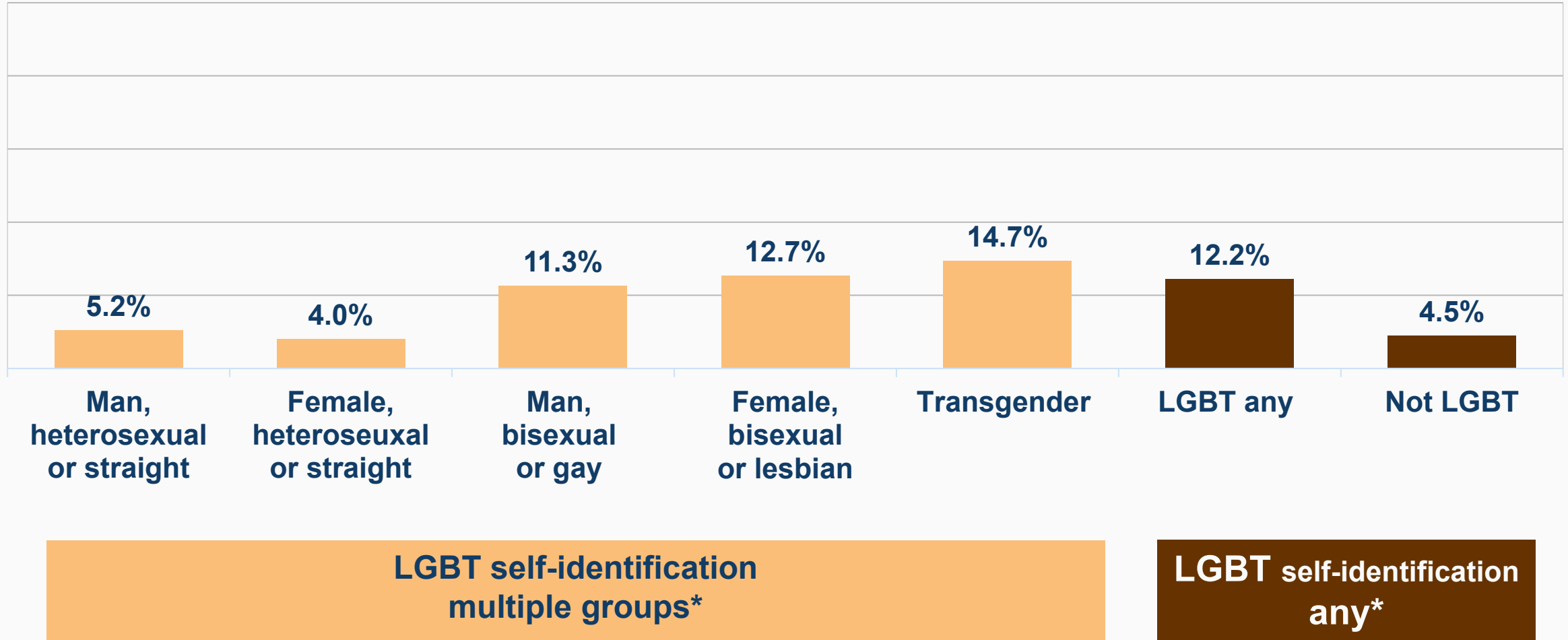


Difference in rates across groups is NOT statistically significant.



% experienced frequent discrimination by LGBT self-identification

Hennepin County adults ≥ 18, SHAPE 2018 mail+



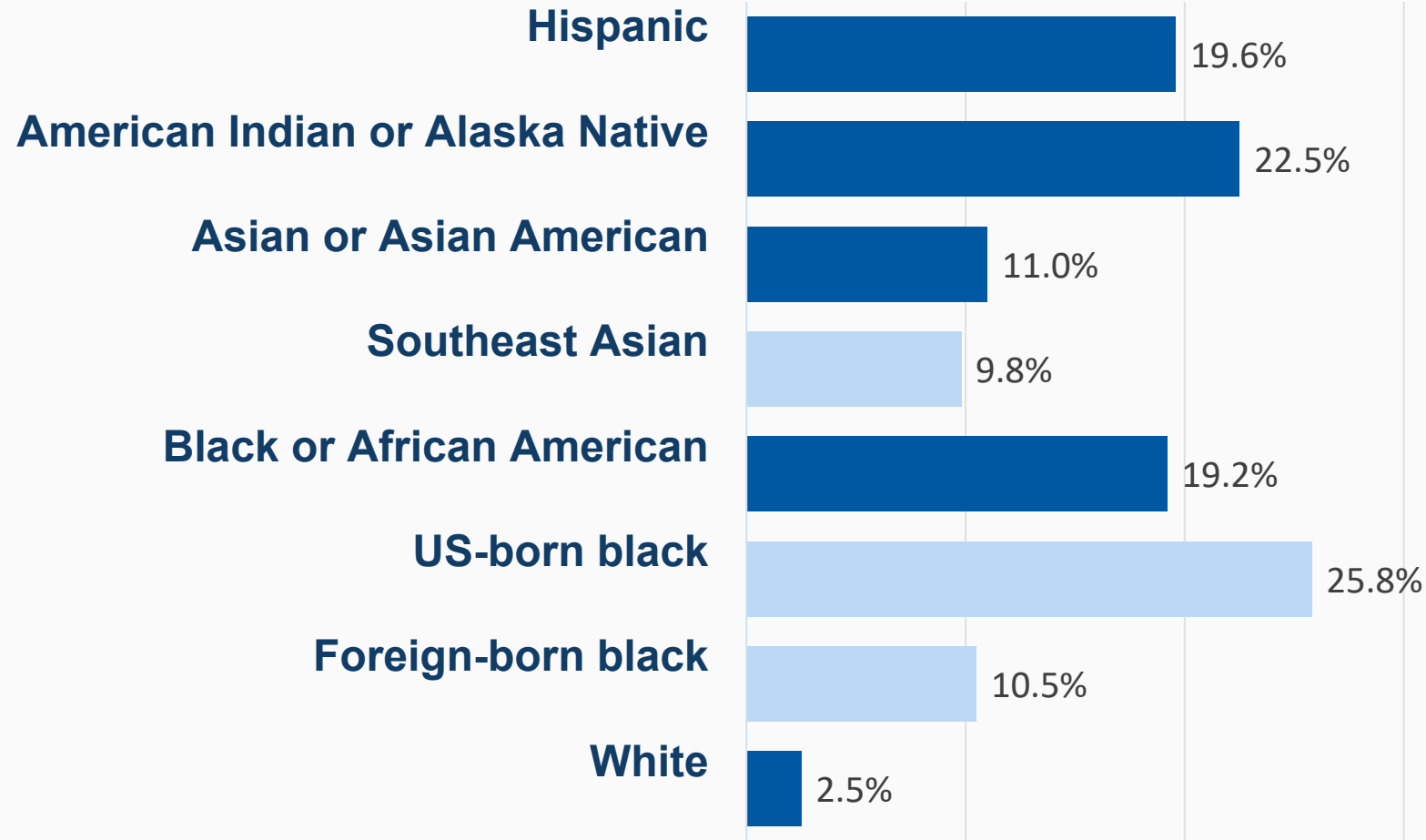
* Difference in rates across groups is statistically significant @ p<0.05





% experienced frequent discrimination by race/ethnicity*

Hennepin County adults ≥ 18 , SHAPE 2018 mail+

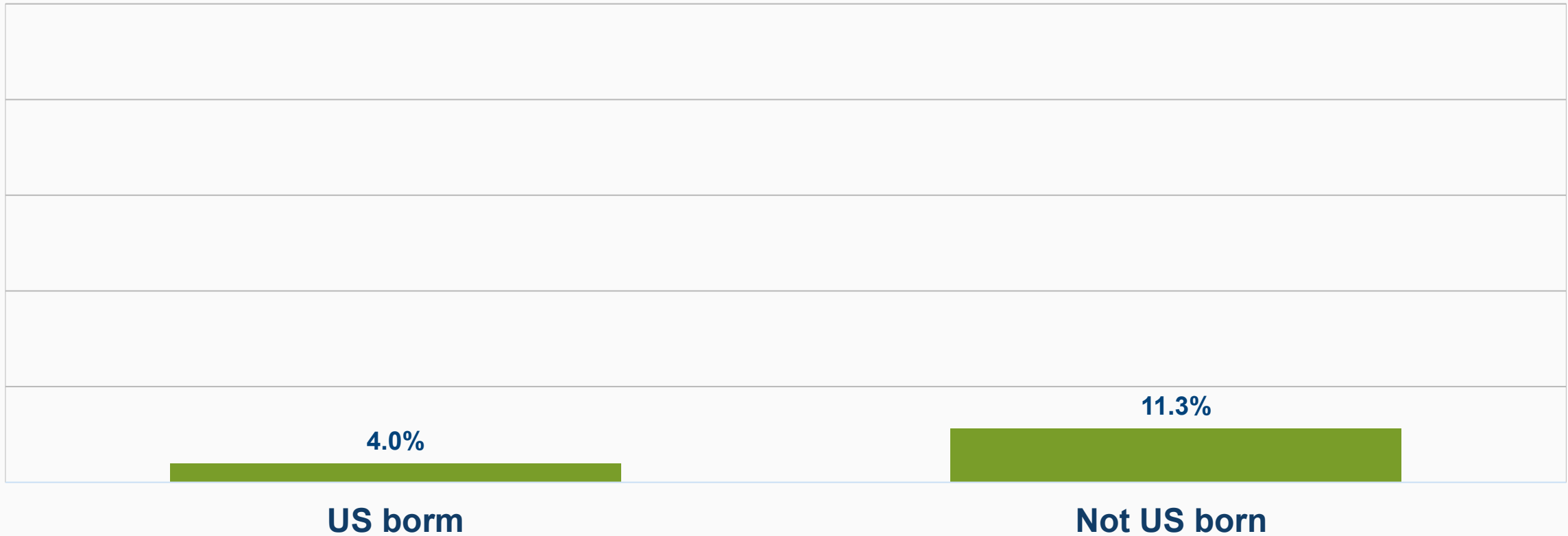


* Difference in rates across major race and ethnicity categories is statistically significant @ $p < 0.05$. The test doesn't include subgroups, i.e. Southeast Asian, US-born black, Foreign-born black. .
Race and ethnicity are mutually exclusive. If a respondent said that he/she is Hispanic, and at the same time, indicated one or more race, he /she will be classified as Hispanic only.



% experienced frequent discrimination by US born*

Hennepin County adults ≥ 18, SHAPE 2018 mail+

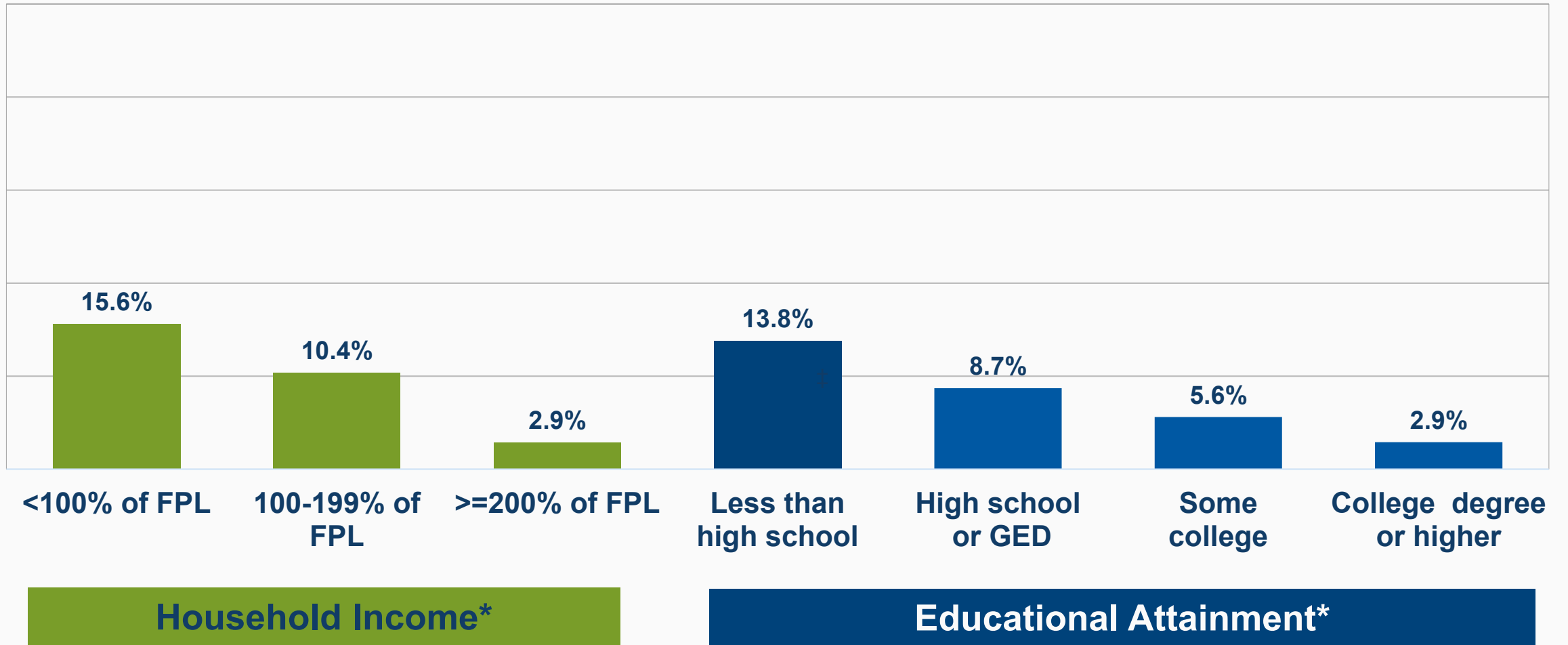


* Difference in rates between groups is statistically significant @p<0.05



% experienced frequent discrimination by income & education

Hennepin County adults ≥ 18 , SHAPE 2018 mail+

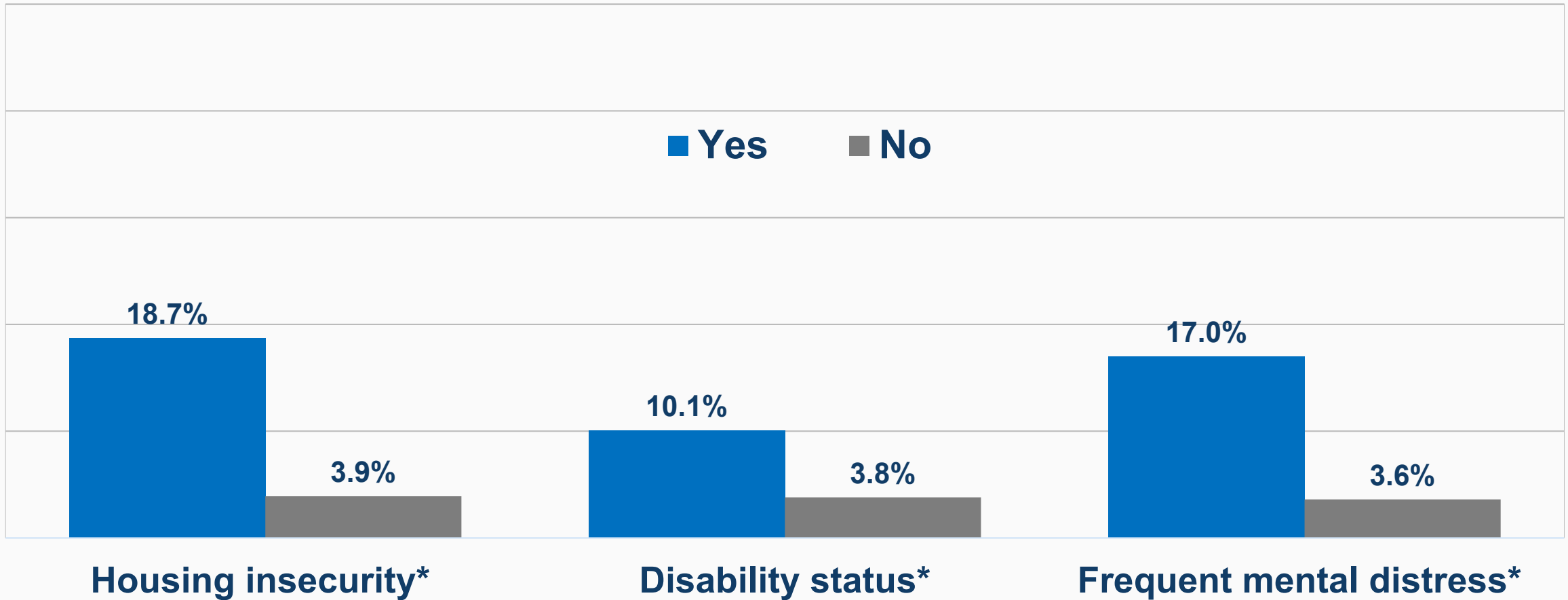


* Difference in rates across groups is statistically significant @ $p < 0.05$
FPL: Federal poverty level



% experienced frequent discrimination by housing, disability and mental health

Hennepin County adults ≥ 18, SHAPE 2018 mail+



* Difference in rates across groups is statistically significant. @ p<0.05.



Relationship between experienced frequent discrimination & health

Overall health, chronic diseases and conditions

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
Poor or Fair health Self rated overall health	28.6%	9.8%*
Diabetes Ever being diagnosed	13.2%	6.9%*
Hypertension Ever being diagnosed	27.8%	20.6%*
Obese BMI ≥ 30	38.8%	23.6%*

* Difference in rates between the two groups is statistically significant @ p<0.05

Mental health

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
Frequent mental distress Mental health was not good for ≥14 days during the past 30 days	40.1%	10.7%*
High risk depression Patient Health Questionnaire-2(PHQ-2) scale is used to gather data that screens high risk depression. High risk depression has a score ≥3.	36.0%	7.7%*
Serious psychological distress (SPD) SPD measures serious mental illness (SMI) in population. It is based on a scale ranging from 0-24, derived from 6 psychological distress questions. SPD has a scale ≥ 13.	23.0%	3.8%*
Stress Feel stressed <i>most of the time</i> or <i>all of the time</i>	32.0%	8.0%*
Isolation Feel isolated from others <i>usually</i> or <i>always</i>	37.1%	7.8%*

* Difference in rates between the two groups is statistically significant @ p<0.05

Activity limitation and disability

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicator	Experienced frequent discrimination	NOT experienced frequent discrimination
Activity limitation Respondent is limited in any activities because of physical, mental or emotional problems	42.7%	20.8%*
Functional limitation Respondent needs help from another person with ADL (activity of daily living) or IADL (instrumental activity of daily living) because of impairment or health problems.	20.2%	7.1%*

* Difference in rates between the two groups is statistically significant @ p<0.05

Health access and utilization

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicator	Experienced frequent discrimination	NOT experienced frequent discrimination
Currently uninsured	10.6%	2.5%*
Having NO regular place of care (i.e. when sick or need medical care, USUALLY has no place to go or use ER, urgent care, minute clinic)	38.6%	24.5%*
Prescription insecurity due to cost (i.e. skipped doses, took smaller amount or did not fill a prescription due to cost. among those who taking prescription medication on a regular basis)	29.1%	8.4%*
No dental care during the past year (i.e. did not visit a dentist or dental clinic for any reason during the past year)	43.5%	24.1%*
Not always treated with respect by health care provider i.e. during the past year, being treated with respect <i>some of the time</i> or <i>none of the time</i> , among those saw a healthcare provider)	16.6%	3.8%*

* Difference in rates between the two groups is statistically significant @ p<0.05

Unmet health care needs

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicator	Experienced frequent discrimination	NOT experienced frequent discrimination
Needed medical care during the past 12 months	64.1%	60.0%
Experienced unmet medical care needs (Among those needed medical care in the past 12 months)	48.8%	23.5%*
Unmet medical care needs due to cost / coverage (Among those delayed or did not get needed medical care in the past 12 months)	64.0%	63.6%
Needed mental health care during the past 12 months	50.6%	27.4%*
Experienced unmet mental health care needs (Among those needed mental health care in the past 12 months)	68.1%	58.6%**
Unmet mental health care needs due to cost / coverage (Among those delayed or did not get needed mental health care in the past 12 months)	53.8%	44.3%

* Difference in rates between the two groups is statistically significant @ p<0.05

** Difference in rates between the two groups is marginally statistically significant @ ≤ 0.05 p <0.10.

Lifestyles and risk behaviors

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
Having five a day i.e. ≥5 servings of fruit, 100% fruit or vegetables a day	27.4%	37.8%*
Having one or more drink of sugar sweetened beverage daily	23.5%	12.7%*
Engaging in NO leisure time physical activity	32.4%	13.5%*
Currently smoking i.e. smoked cigarettes in past 30 days	20.4%	8.5%*
Other tobacco product use in past 12 months e.g. cigars, pipes, snuff, chewing tobacco, bidis, kreteks, snus, hookah water pipe,	17.5%	8.4%*
Ever used electronic cigarettes e.g. e-cig, e-hookahs, vaping pens	12.3%	5.6%*
Problem drinking i.e. either engaging in heavy drinking or binge drinking during the past month	40.8%	40.0%

* Difference in rates between the two groups is statistically significant @ p<0.05

Community & neighborhood

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
No community involvement (i.e. <i>Never</i> involved in school, community or neighborhood activities)	36.5%	21.1%*
Low social and emotional support (i.e. <i>Never</i> or <i>rarely</i> get the social and emotional support needed)	25.8%	9.6%*
(Agree or strongly agree with the statement) This is a good community to raise children	68.2%	91.9%*
In general, consider neighborhood to be very safe/somewhat safe from crime	70.5%	91.8%*

* Difference in rates between the two groups is statistically significant @ p<0.05

Economic distress and residential stability

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
Experienced food insecurity (i.e. Worried that food would run out before had money to buy more <i>sometimes</i> or <i>often</i> during the past 12 months)	52.1%	10.4%*
Experienced transportation insecurity (i.e. lack of transportation keep you from getting places where you needed to go, such as jobs, medical appointments or shopping <i>often</i> or <i>sometimes</i> during the past 12 months)	35.2%	6.1%*
Experienced housing insecurity Miss or delay a rent or mortgage payment in past 12 months due to lack of money, and/or experience homelessness in past 12 months	32.5%	7.7%*
Below 200% Federal Poverty Level (Based on household income in 2017)	60.0%	23.2%*

* Difference in rates between the two groups is statistically significant @ p<0.05

** Difference in rates between the two groups is marginally statistically significant @ 0.05≤ p <0.10

Economic distress and residential stability

Hennepin County adults age ≥ 18, SHAPE 2018 mail+

Indicators	Experienced frequent discrimination	NOT experienced frequent discrimination
<p>Frequently feel being discriminated due to sexual orientation or gender identity (Q. How often do are you In a situation where you feel you are not accepted because of <i>Once or twice a month</i> or more often)</p>	22.5%	1.7%*

* Difference in rates between the two groups is statistically significant @ p<0.05

SHAPE 2018 www.Hennepin.us/SHAPE

Questions

Hennepin County Assessment Team
publichealthdata@Hennepin.us; 612-348-7416