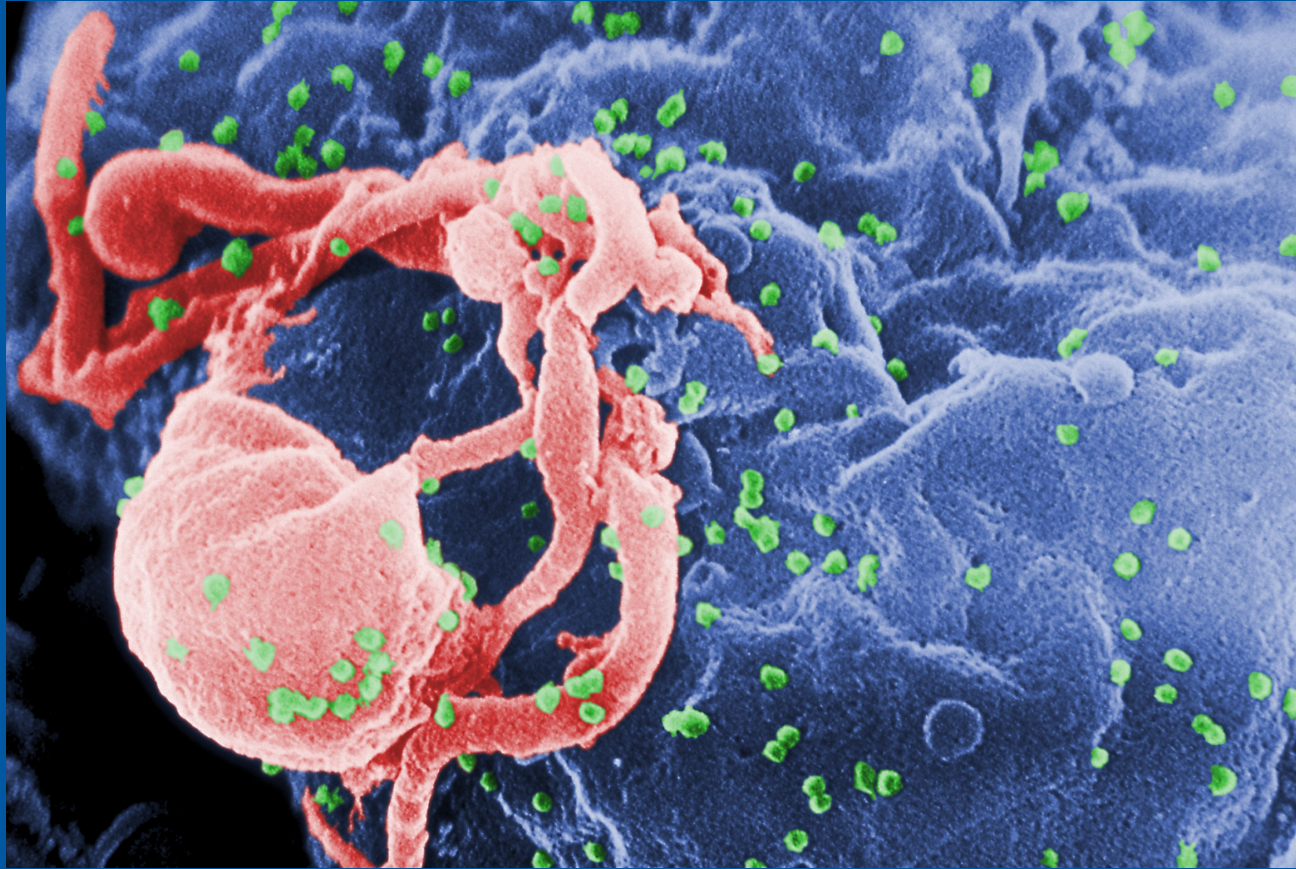




HENNEPIN COUNTY

MINNESOTA

Public Health



# Housing and the Ryan White HIV/AIDS Program 2017-2020

Aaron D. Peterson | August 19, 2021

# Statewide results will be presented today

- Hennepin County Public Health (HCPH) is presenting on behalf of the Minnesota Ryan White HIV/AIDS Program (RWHAP), which includes HCPH and the Minnesota Department of Human Services (DHS)
- DHS provided input on this presentation



# Background

# This analysis uses data from the Ryan White HIV/AIDS Program and state health department

- CAREWare
  - Application/database for the Ryan White HIV/AIDS Program (RWHAP)
- eHARS
  - Enhanced HIV/AIDS Reporting System
  - Minnesota Department of Health (MDH) surveillance system



# Methodology and data limitations

- Data presented is owned by Hennepin County Public Health (HCPH), Minnesota Department of Human Services (DHS), and Minnesota Department of Health (MDH)
- An enrolled client is a person with HIV in the state of Minnesota or the two Wisconsin counties (Pierce, St. Croix) of the Minneapolis-St. Paul Transitional Grant Area (MSP-TGA) that received a Ryan White HIV/AIDS Program (RWHAP) service funded by a HCPH or DHS funding source in the previous 12 months.
- If a denominator is less than 30, "<30" will be shown where a percentage is expected. These percentages are unreliable.

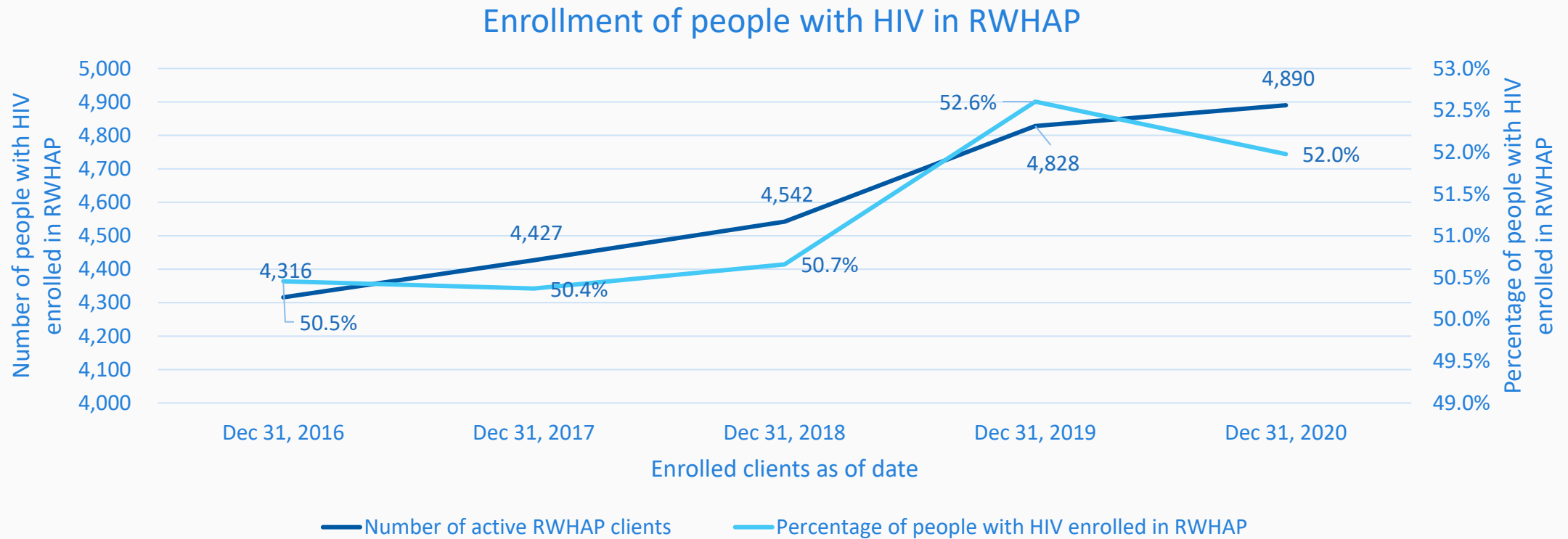
Thank you to RWHAP service providers and the CAREWare administration team for complete data

Housing status as of	Total number of clients	Percentage missing housing status
Jun 30, 2016	4,133	28.3%
Dec 31, 2016	4,269	18.9%
Jun 30, 2017	4,319	7.3%
Dec 31, 2017	4,364	2.4%
Jun 30, 2018	4,422	6.0%
Dec 31, 2018	4,466	2.0%
Jun 30, 2019	4,590	6.2%
Dec 31, 2019	4,757	1.5%
Jun 30, 2020	4,846	2.6%
Dec 31, 2020	4,811	4.5%

- Clients must be enrolled in RWHAP to be included.
- Clients without a reported housing status are not included in the analyses unless indicated otherwise.
- Results will be presented for 2017 – 2020 where missingness is less than 10%



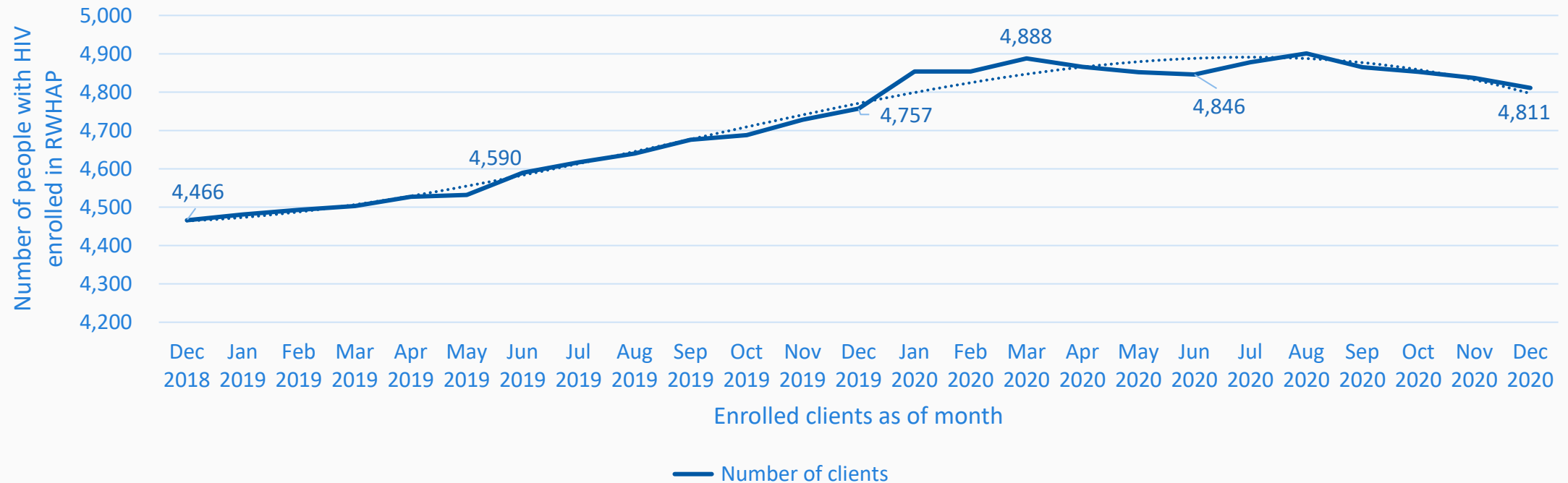
# Enrolled RWHAP clients have decreased during the COVID-19 pandemic statewide





# Enrolled RWHAP clients have decreased during the COVID-19 pandemic statewide

Enrollment of people with HIV in RWHAP



# Housing and demographics

Hennepin County

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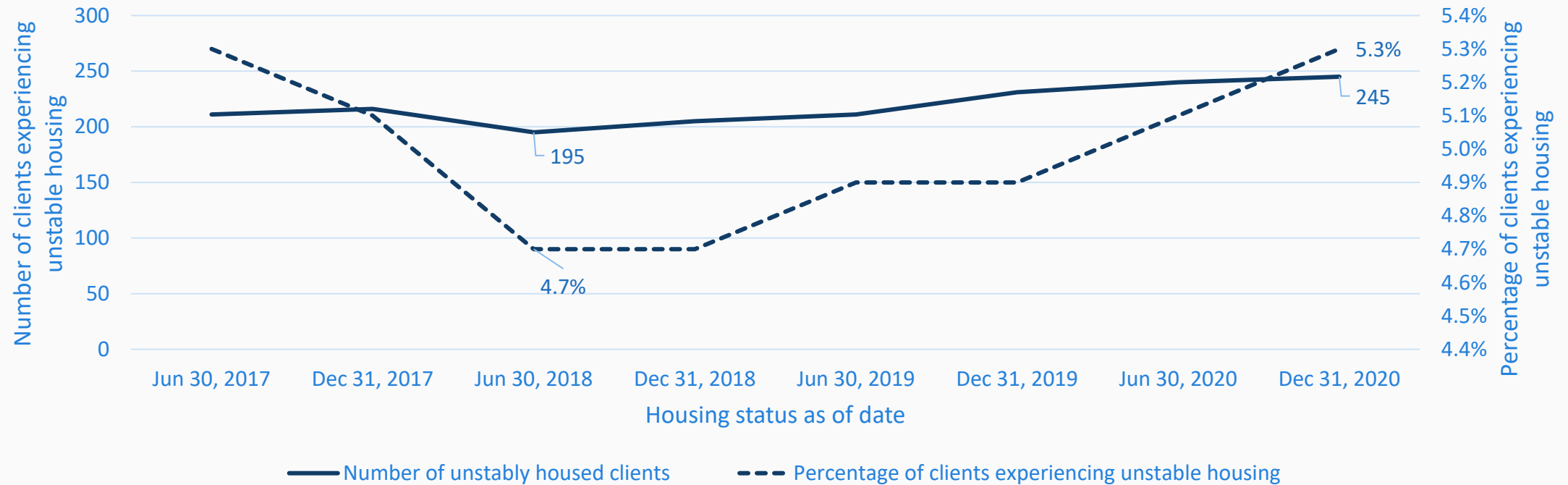
# As of Dec 31, 2020, an estimated 245 RWHAP clients need an immediate housing solution

- This is 5.3% of the 4,594 statewide RWHAP clients with a reported housing status
- There are 412 (9.0%) RWHAP clients who are temporarily housed and need a permanent housing solution



# RWHAP clients experiencing unstable housing have been increasing since mid 2018

Statewide RWHAP clients experiencing unstable housing over time



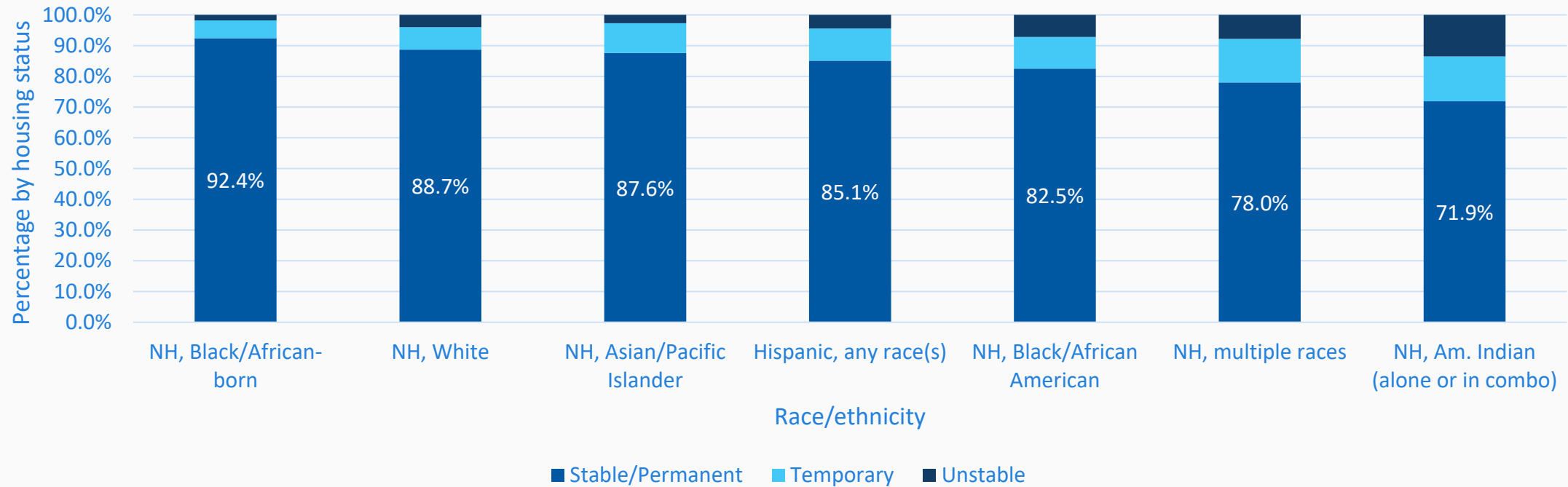
# The percentage of statewide RWHAP clients who are stably housed did not reach 90% from 2017-2020

Housing status as of	Stable/permanent	Temporary	Unstable	Clients with reported housing status
Jun 30, 2017	3,463 (86.5%)	329 (8.2%)	211 (5.3%)	4,003
Dec 31, 2017	3,707 (87.0%)	337 (7.9%)	216 (5.1%)	4,260
Jun 30, 2018	3,634 (87.4%)	327 (7.9%)	195 (4.7%)	4,156
Dec 31, 2018	3,822 (87.3%)	349 (8.0%)	205 (4.7%)	4,376
Jun 30, 2019	3,735 (86.7%)	361 (8.4%)	211 (4.9%)	4,307
Dec 31, 2019	4,053 (86.5%)	400 (8.5%)	231 (4.9%)	4,684
Jun 30, 2020	4,057 (86.0%)	422 (8.9%)	240 (5.1%)	4,719
Dec 31, 2020	3,937 (85.7%)	412 (9.0%)	245 (5.3%)	4,594



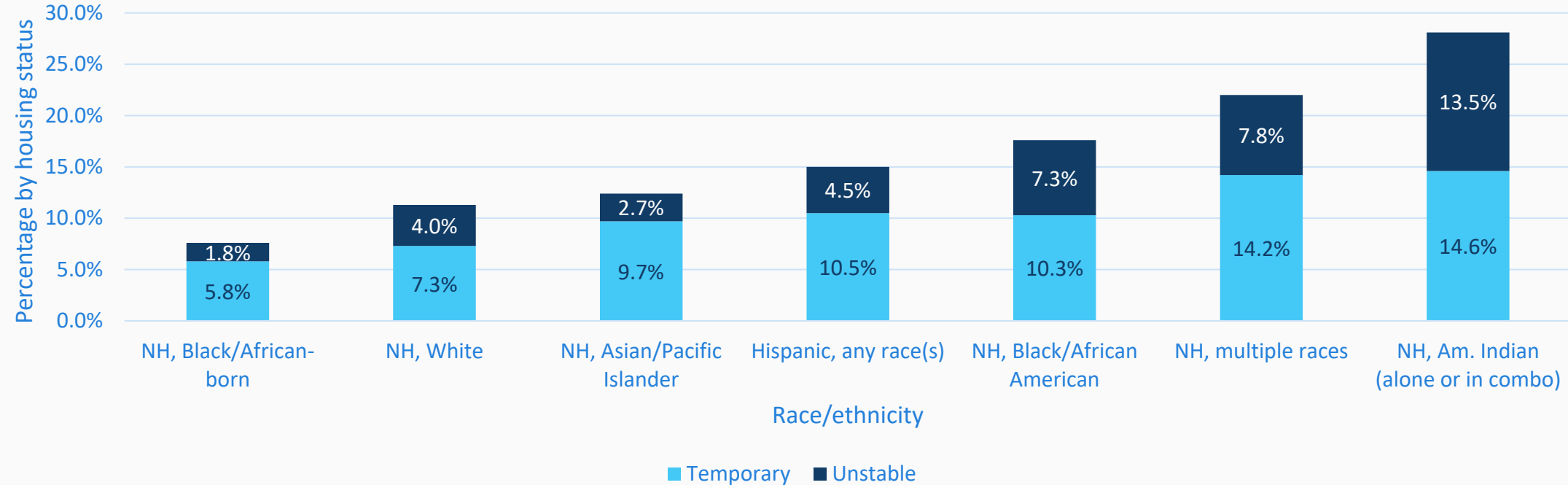
# RWHAP clients who are American Indian are least likely to be stably housed

Housing status percentages by race/ethnicity



# RWHAP clients who are multi-racial and Black/African American also experience high rates of temporary and unstable housing

Temporary and unstable housing status percentages by race/ethnicity



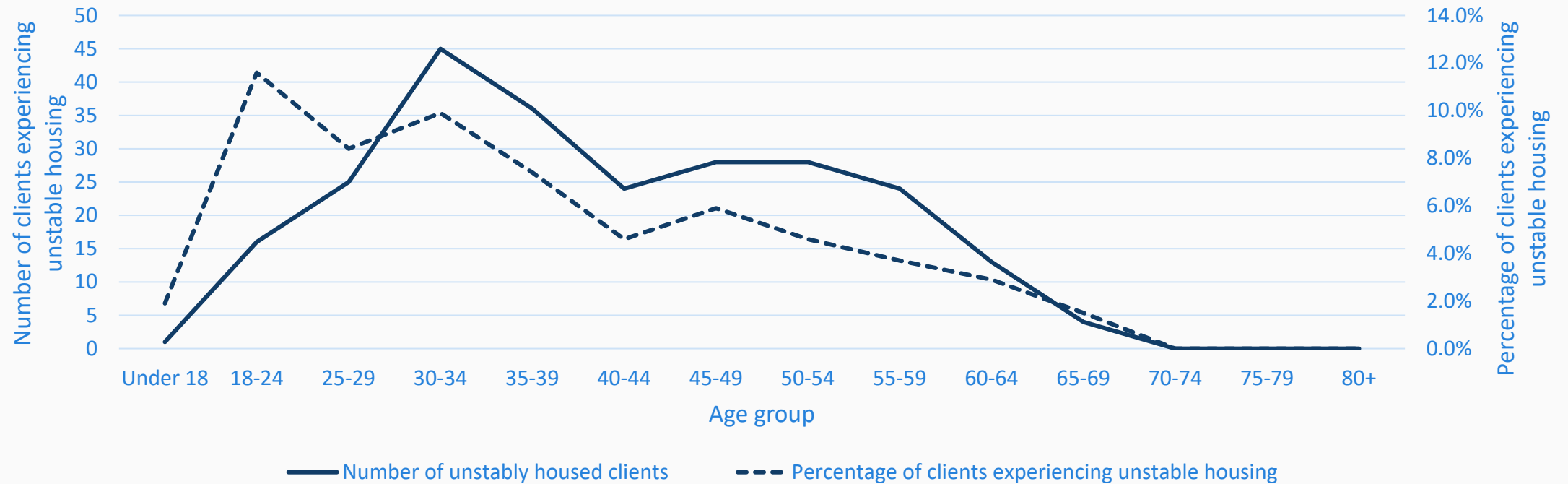
# Housing and race/ethnicity

Race/ethnicity	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
Hispanic, any race(s)	455 (85.1%)	56 (10.5%)	24 (4.5%)	535
Not Hispanic (NH), American Indian (alone or in combination)	133 (71.9%)	27 (14.6%)	25 (13.5%)	185
NH, Asian/Pacific Islander	99 (87.6%)	11 (9.7%)	3 (2.7%)	113
NH, Black/African American	1,091 (82.5%)	136 (10.3%)	96 (7.3%)	1,323
NH, Black/African-born	621 (92.4%)	39 (5.8%)	12 (1.8%)	672
NH, multiple races	110 (78.0%)	20 (14.2%)	11 (7.8%)	141
NH, White	1,493 (88.7%)	122 (7.3%)	68 (4.0%)	1,683
NH, Other/Unknown	9 (<30)	3 (<30)	8 (<30)	20
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>



# Unstable housing is concentrated among young adults

Statewide RWHAP clients experiencing unstable housing by age group



# Housing and age table 1/2

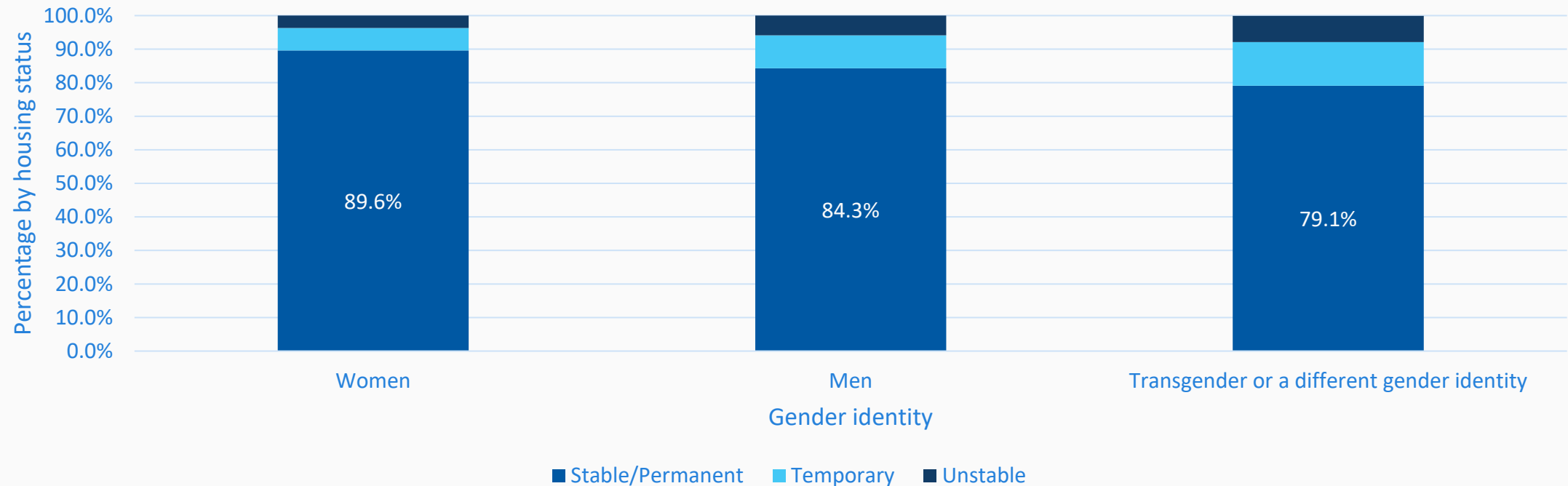
Age group	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
0 – 17	51 (96.3%)	1 (1.9%)	1 (1.9%)	53
18 – 24	100 (72.5%)	22 (16.0%)	16 (11.6%)	138
25 – 29	227 (75.9%)	47 (15.7%)	25 (8.4%)	299
30 – 34	352 (77.2%)	59 (12.9%)	45 (9.9%)	456
35 – 39	400 (81.6%)	54 (11.0%)	36 (7.4%)	490
40 – 44	447 (85.8%)	50 (9.6%)	24 (4.6%)	521
45 – 49	400 (84.0%)	48 (10.1%)	28 (5.9%)	476
50 – 54	546 (88.9%)	40 (6.5%)	28 (4.6%)	614
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>

# Housing and age table 2/2

Age group	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
50 – 54 (repeated)	546 (88.9%)	40 (6.5%)	28 (4.6%)	614
55 – 59	589 (89.9%)	42 (4.2%)	24 (3.7%)	655
60 – 64	409 (91.7%)	24 (5.4%)	13 (2.9%)	446
65 – 69	245 (92.1%)	17 (6.4%)	4 (1.5%)	266
70 – 74	110 (96.5%)	4 (3.5%)	0 (0%)	114
75 – 79	42 (93.3%)	3 (6.7%)	0 (0%)	45
80 +	15 (<30)	1 (<30)	0 (<30)	16
Unknown	4 (<30)	0 (<30)	1 (<30)	5
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>

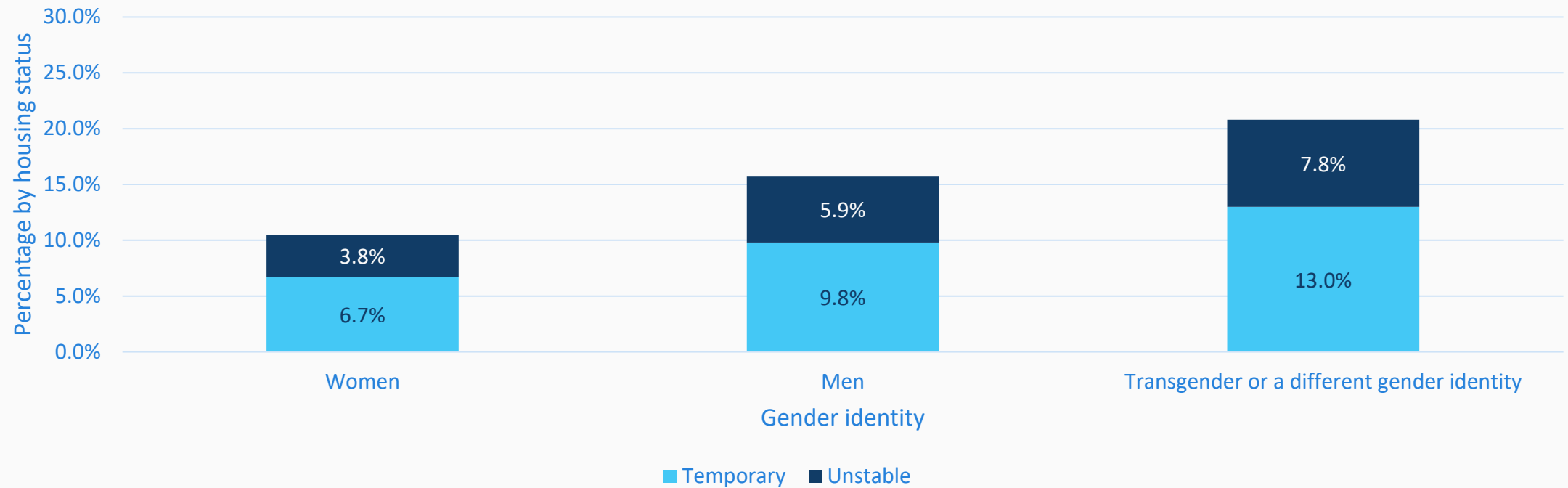
# RWHAP clients who are transgender are more likely to experience unstable housing

Housing status percentages by gender identity



# Men are more likely than women to experience unstable and temporary housing

Housing status percentages by gender identity



# Gender identity and housing table

Gender identity	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
Men	2,649 (84.3%)	308 (9.8%)	185 (5.9%)	3,142
Women	1,193 (89.6%)	89 (6.7%)	50 (3.8%)	1,332
Transgender or a different gender identity†	91 (79.1%)	15 (13.0%)	9 (7.8%)	115
Unknown	4 (<30)	0 (<30)	1 (<30)	5
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>

† Due to small numbers, transwomen, transmen, and people who identify as a different gender identity are combined for reporting housing status. Of these 115 individuals, 99 were transwomen, 11 were transmen, and 5 identified as a different gender identity.

# Unstable housing among RWHAP clients is concentrated in Hennepin and Ramsey counties

Geography	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
Minneapolis-St. Paul Transitional Grant Area (MSP-TGA)	3,357 (84.8%)	378 (9.6%)	225 (5.7%)	3,960
- Hennepin County	2,166 (83.9%)	253 (9.8%)	162 (6.3%)	2,581
- Ramsey County	641 (84.5%)	75 (89.9%)	43 (5.7%)	224
- Suburban counties†	499 (89.3%)	43 (7.7%)	17 (3.0%)	559
- Other MN counties‡	49 (83.1%)	7 (11.9%)	3 (5.1%)	59
Greater Minnesota	569 (91.8%)	32 (5.2%)	19 (3.1%)	620
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>

14 clients did not have a reported county of residence. †Anoka, Carver, Dakota, Scott, Washington. ‡Chisago, Isanti, Sherburne, Wright. Two clients reside in Wisconsin and are not included in this row.



# Unstable housing in greater Minnesota is found primarily in counties defined as metropolitan or micropolitan statistical areas

Age group	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
Greater Minnesota	569 (91.8%)	32 (5.2%)	19 (3.1%)	620
- Olmsted County	85 (92.4%)	5 (5.4%)	2 (2.2%)	92
- St. Louis County	67 (89.3%)	5 (6.7%)	3 (4.0%)	72
- Stearns County	41 (95.4%)	1 (2.3%)	1 (2.3%)	43
- Mower County	37 (100%)	0 (0%)	0 (0%)	37
- Blue Earth County	28 (90.3%)	0 (0%)	3 (9.7%)	31
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>

14 clients statewide did not have a reported county of residence. Counties shown if there were greater than 30 clients with a reported housing status





# Housing and the HIV care continuum

Hennepin County

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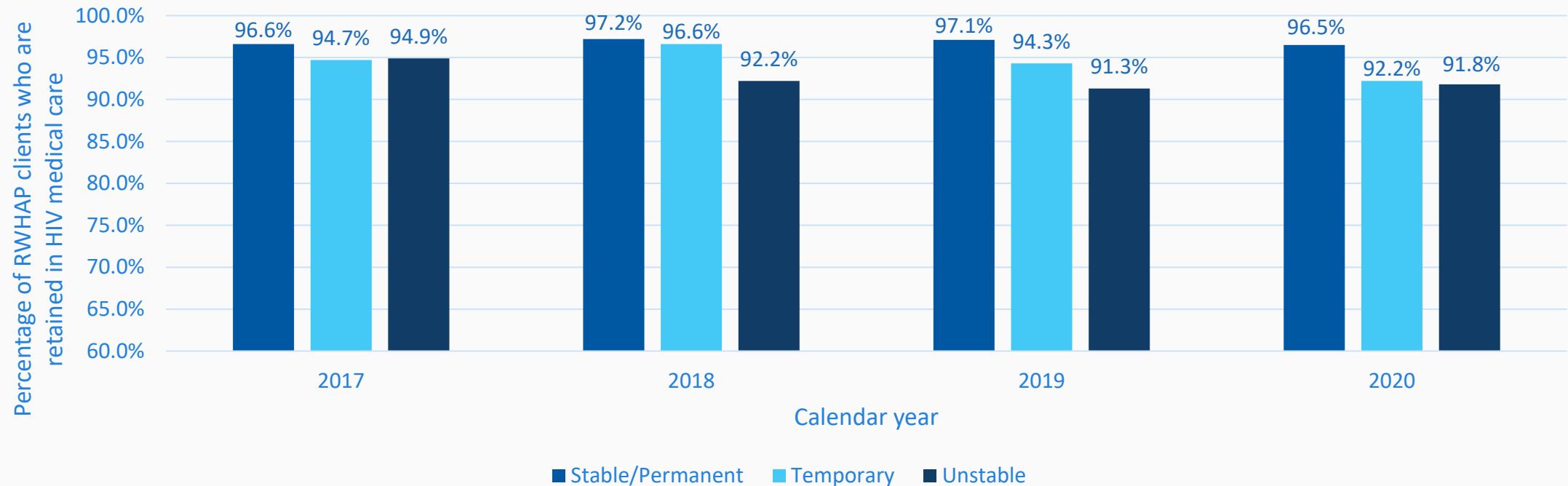
# Ryan White HIV/AIDS Program (RWHAP) goals are framed by the HIV care continuum



Photo Credit: Health Resources and Services Administration

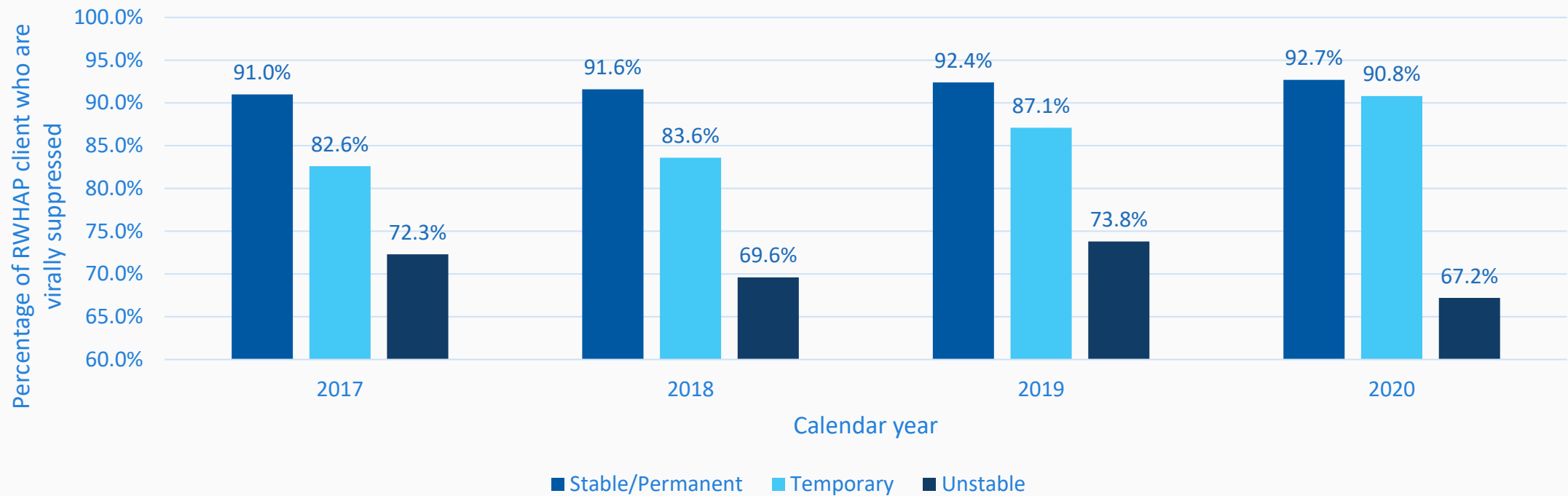
# More than 90% of unstably housed clients are still retained in HIV medical care

Percentage of statewide RWHAP clients retained in HIV medical care by housing status



# Viral suppression is strongly associated with housing stability

Percentage of statewide RWHAP clients who are virally suppressed by housing status



# Technical notes on retention in care and viral suppression

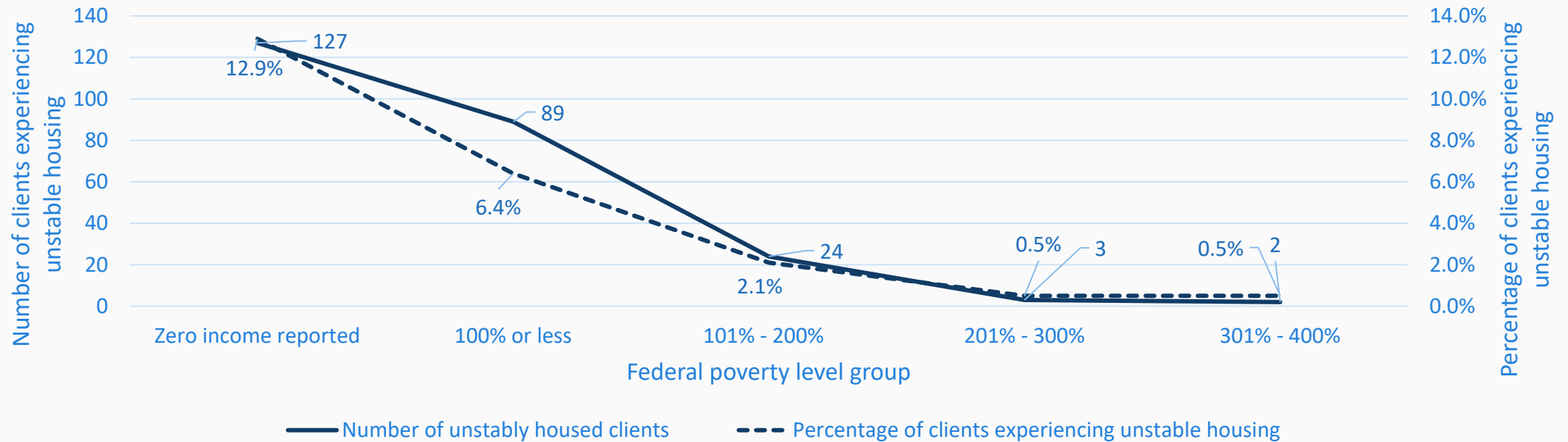
- Retention in care and viral suppression definitions used in this presentation differ from state health department
- Retention in care definition: evidence of at least one HIV medical appointment in a 12-month period
  - Evidence includes HIV viral load, CD4 count, HIV medical appointment billed to the Ryan White HIV/AIDS Program (RWHAP), or an HIV medical appointment reported by a RWHAP service provider (Form I)
- Viral suppression definition: Received a service and had a viral load in the 12-month period

# Advancing people with HIV along the HIV care and housing continuums takes a cross sector approach



# Less than 1% of clients experience unstable housing when they reach at least 200% of the federal poverty level

Statewide RWHAP clients experiencing unstable by federal poverty level as of Dec 31, 2020



# Housing and federal poverty level table

Federal poverty level	Stable/ permanent	Temporary	Unstable	Clients with reported housing status
Zero income reported	697 (70.8%)	160 (16.3%)	127 (12.9%)	984
100% or less	1,179 (84.4%)	129 (9.2%)	89 (6.4%)	1,397
101% - 200%	1,064 (91.7%)	72 (6.2%)	24 (2.1%)	1,160
201% - 300%	616 (93.5%)	40 (6.1%)	3 (0.5%)	659
301% - 400%	365 (96.8%)	10 (2.7%)	2 (0.5%)	377
Missing income or household size	16 (<30)	1 (<30)	0 (<30)	17
<b>All clients</b>	<b>3,937 (85.7%)</b>	<b>412 (9.0%)</b>	<b>245 (5.3%)</b>	<b>4,594</b>



# Ryan White HIV/AIDS Program funded housing activities

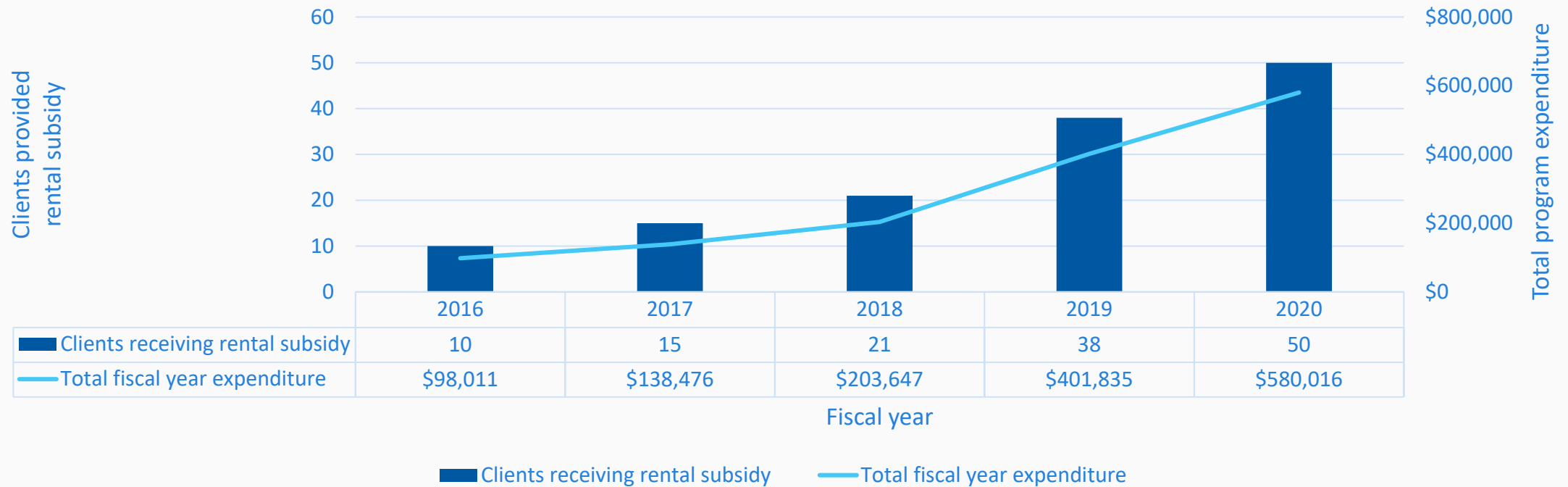
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# Ryan White HIV/AIDS Program has increased transitional housing resources

RWHAP transitional housing program over time



# HC RWHAP is conducting a housing pilot for higher acuity people with HIV experiencing homelessness

- Funded through an \$80,000 HOPWA grant received as part of the Coronavirus Aid, Relief, and Economic Security (CARES) Act through the city of Minneapolis
- Finalizing a contract to work with a community organization that will house up to 6 individuals associated with the HIV outbreak
- The goal is to get folks into housing and maintain it for at least 1 year.
- This pilot could serve as a future model for housing higher acuity individuals in low barrier housing

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