

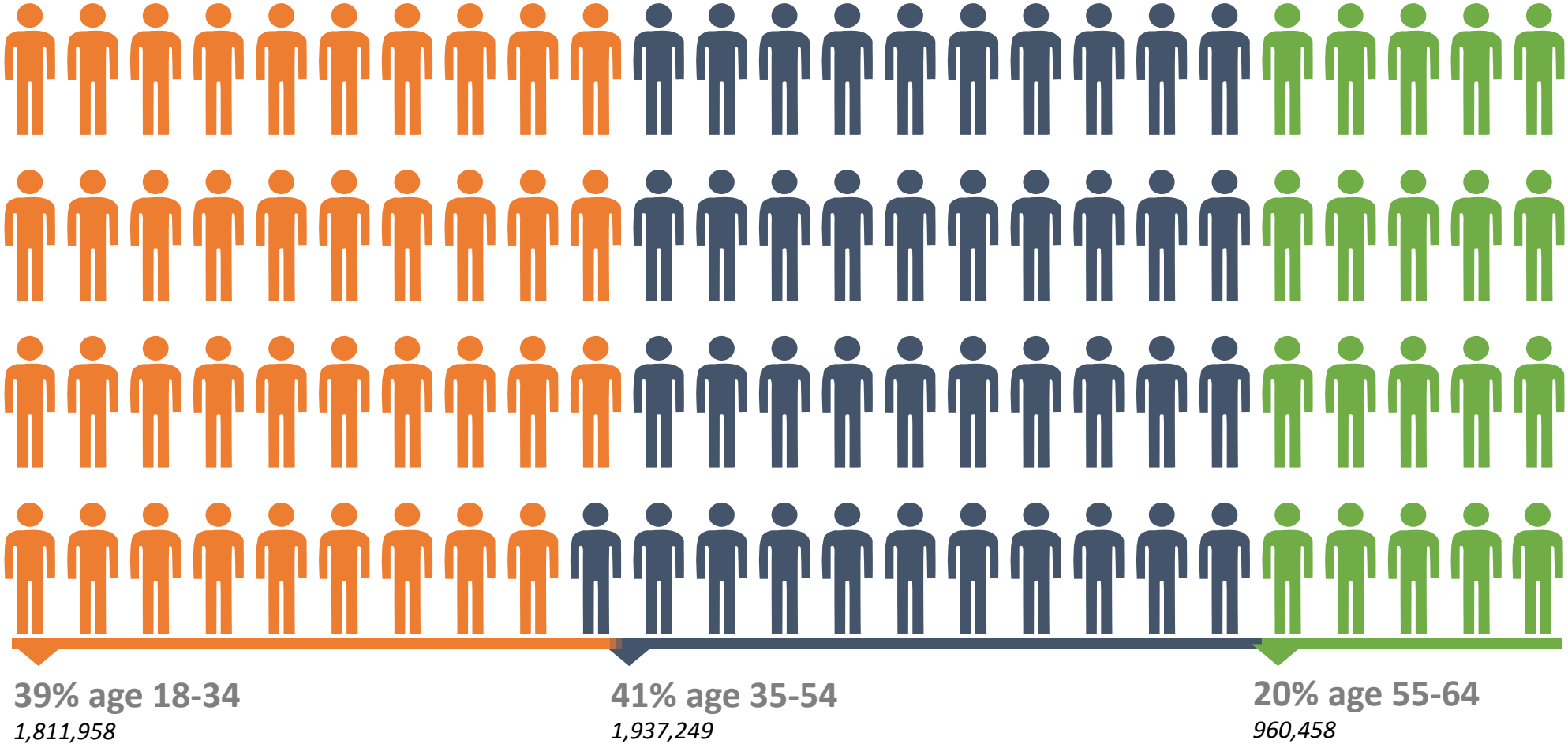
# LTSS Need, Receipt, and Unmet Need in the Washington State Population Age 18-64 with Disabilities

Companion Chartbook for Final Report

11-30-22

# Slide 1

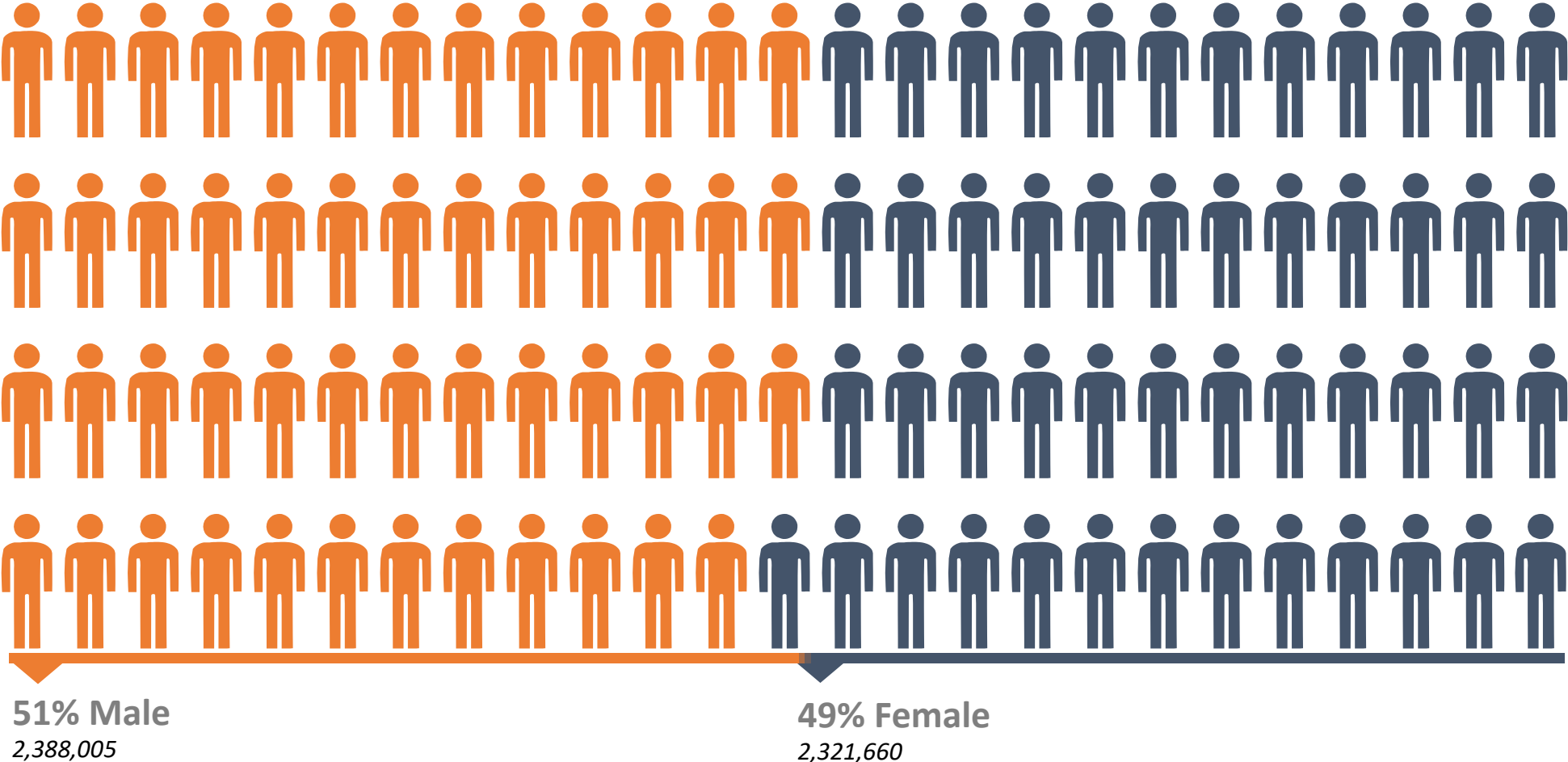
## Washington State Residents Age 18-64 by Age Group



Source: American Community Survey (ACS) 2018. Washington State Totals

# Slide 2

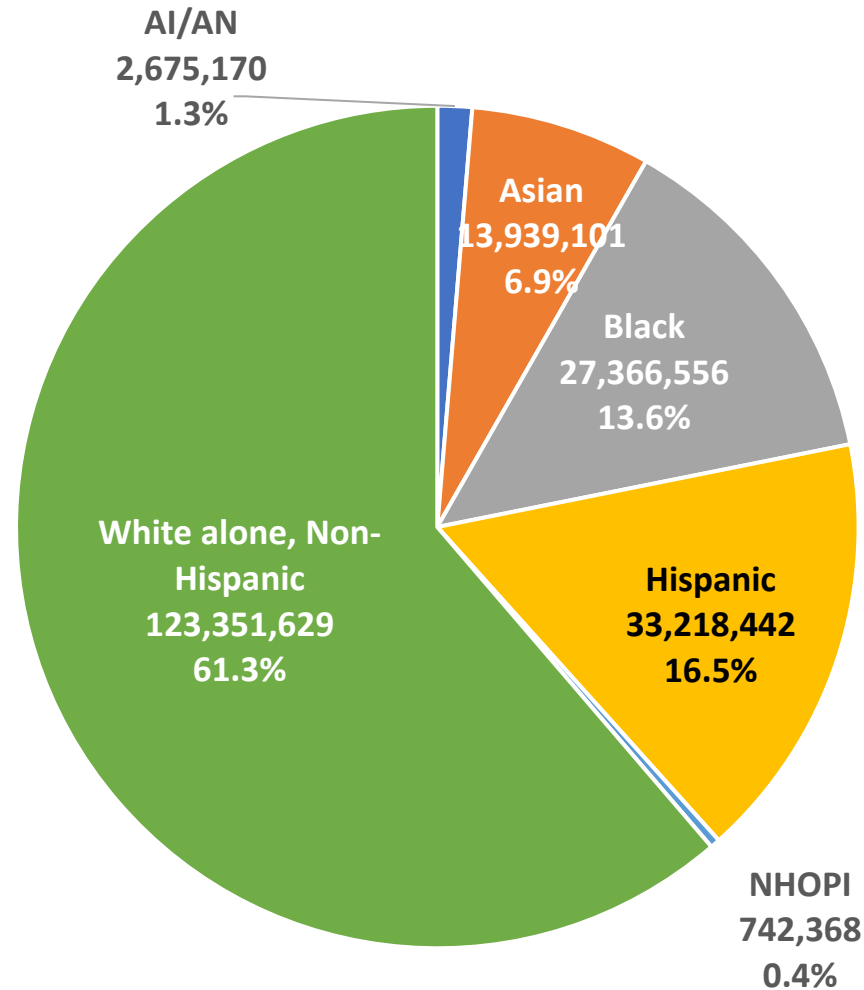
## Washington State Residents Age 18-64 by Gender



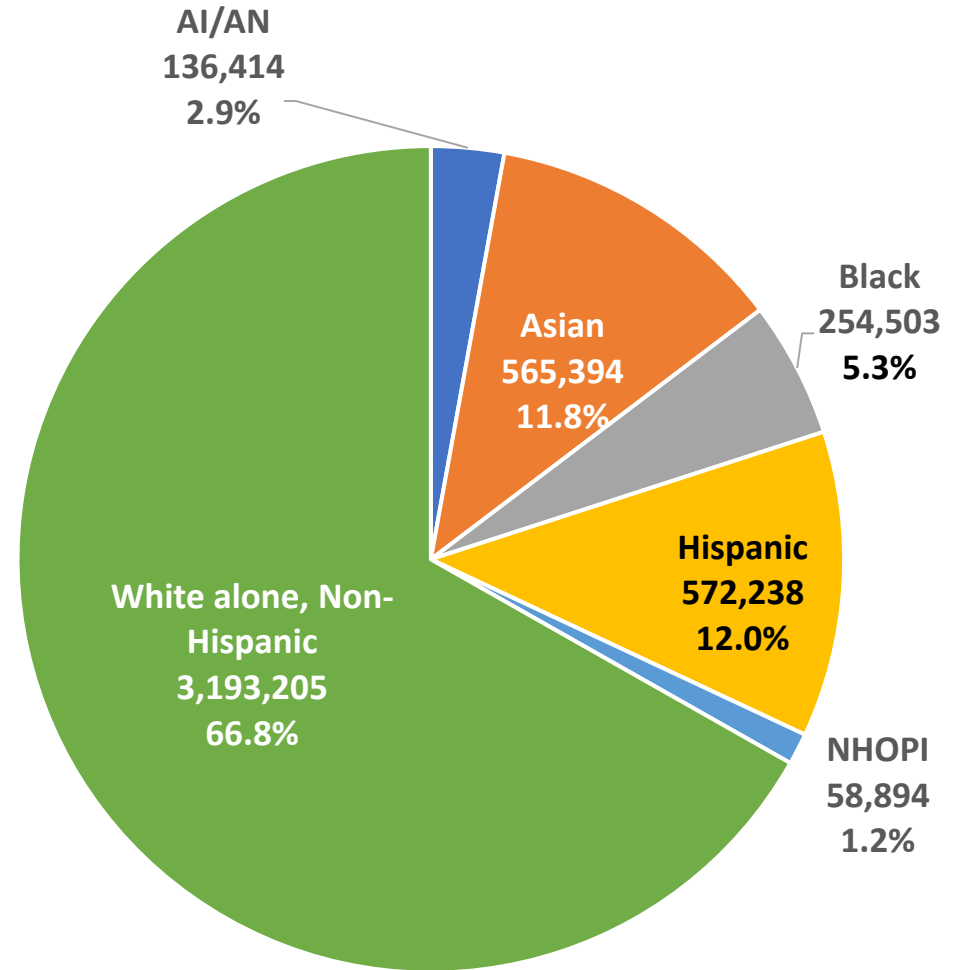
Source: American Community Survey (ACS) 2018. Washington State Totals

# Slide 3

## United States Adults Age 18-64 by Race/Ethnicity



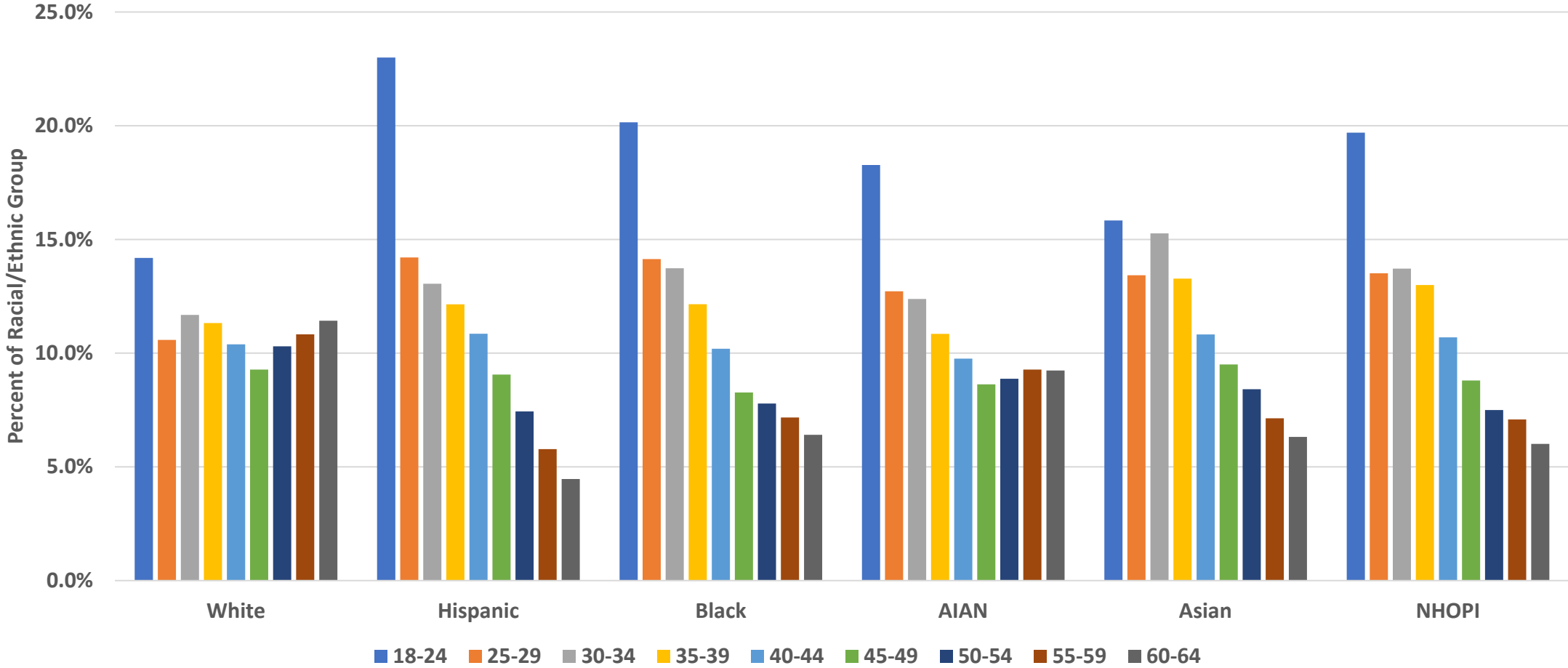
## Washington State Adults Age 18-64 by Race/Ethnicity



Note: AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander  
Source of U.S. Data: Census Bureau (2018). US Totals  
Source of Washington State Data: American Community Survey (ACS) 2018. Washington State Totals

# Slide 4

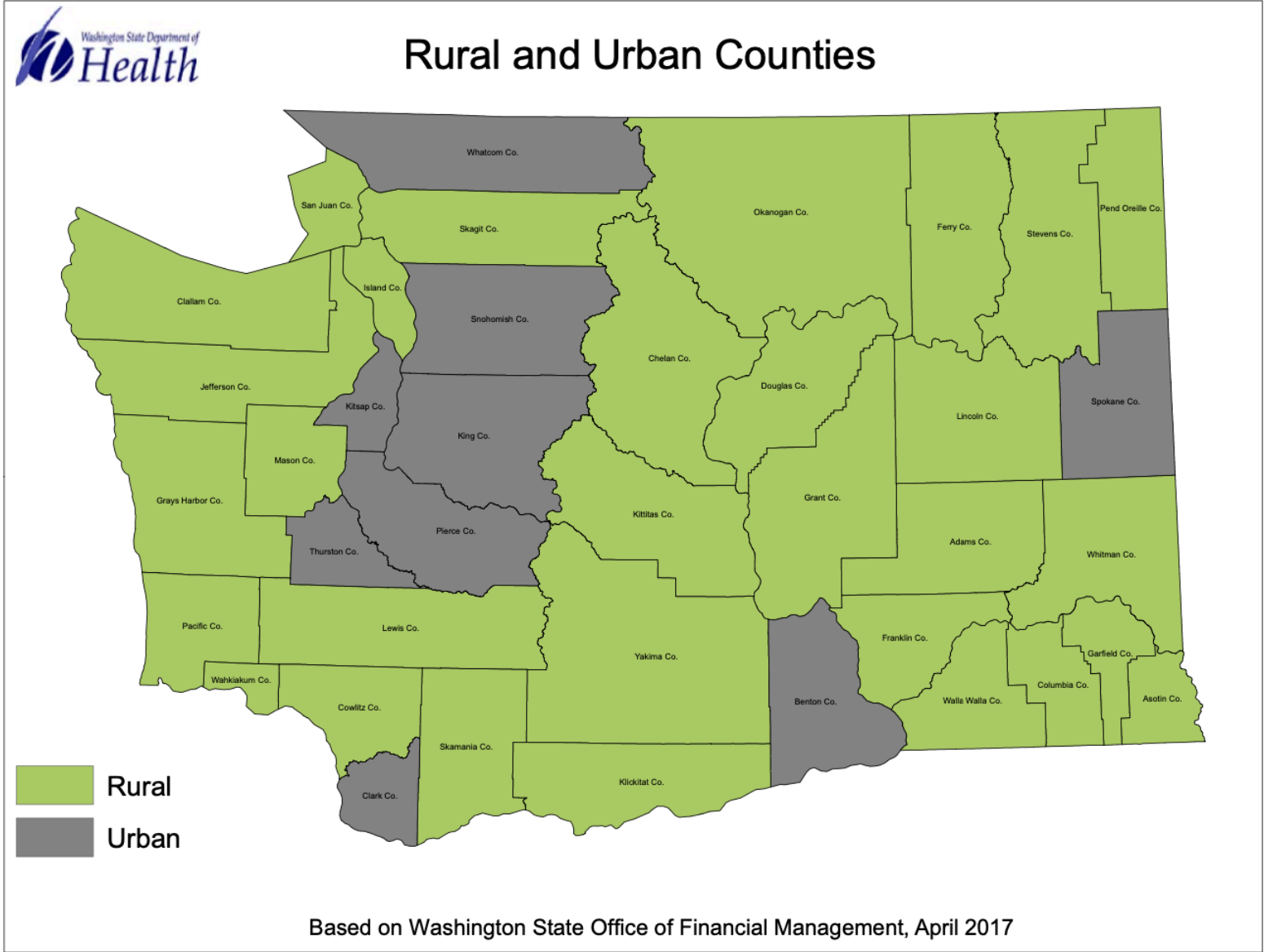
## Washington State Residents Age 18-64 Distribution of Racial/Ethnic Group by Age Group



Note: AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander

Source: U.S. Census Bureau, Population Division, 7/1/2021 State Characteristics Population Estimates

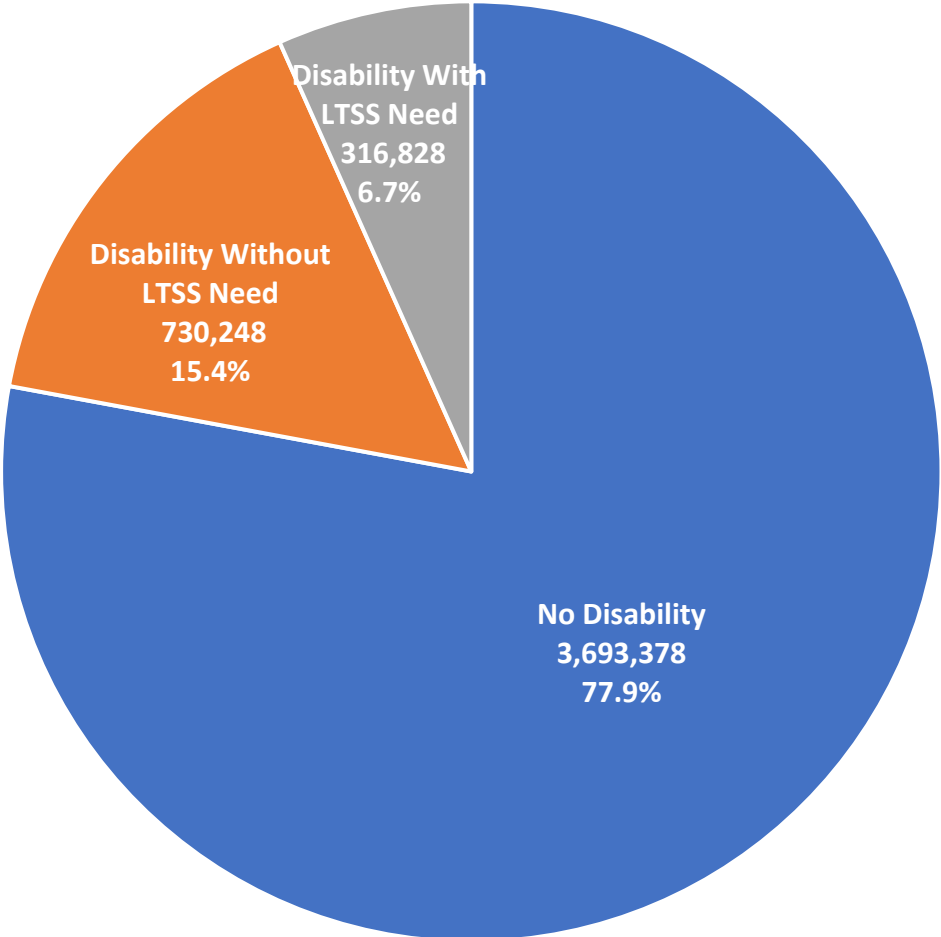




DOH 609-003 April 2017

# Slide 6

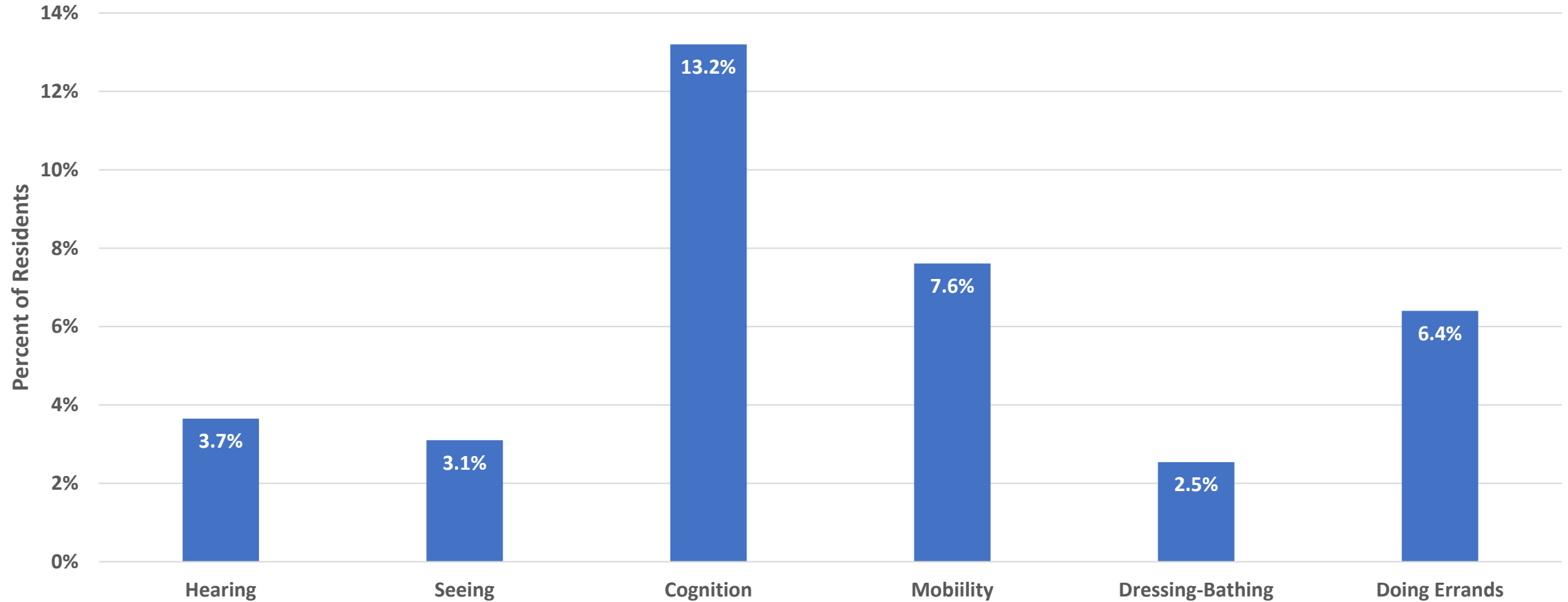
## Washington State Residents Age 18-64 Percent With and Without a Disability and With and Without LTSS Need



Source: BRFSS, 2021. Washington State Data

# Slide 7

## Washington State Residents Age 18-64 Percent With A Disability By Type of Disability

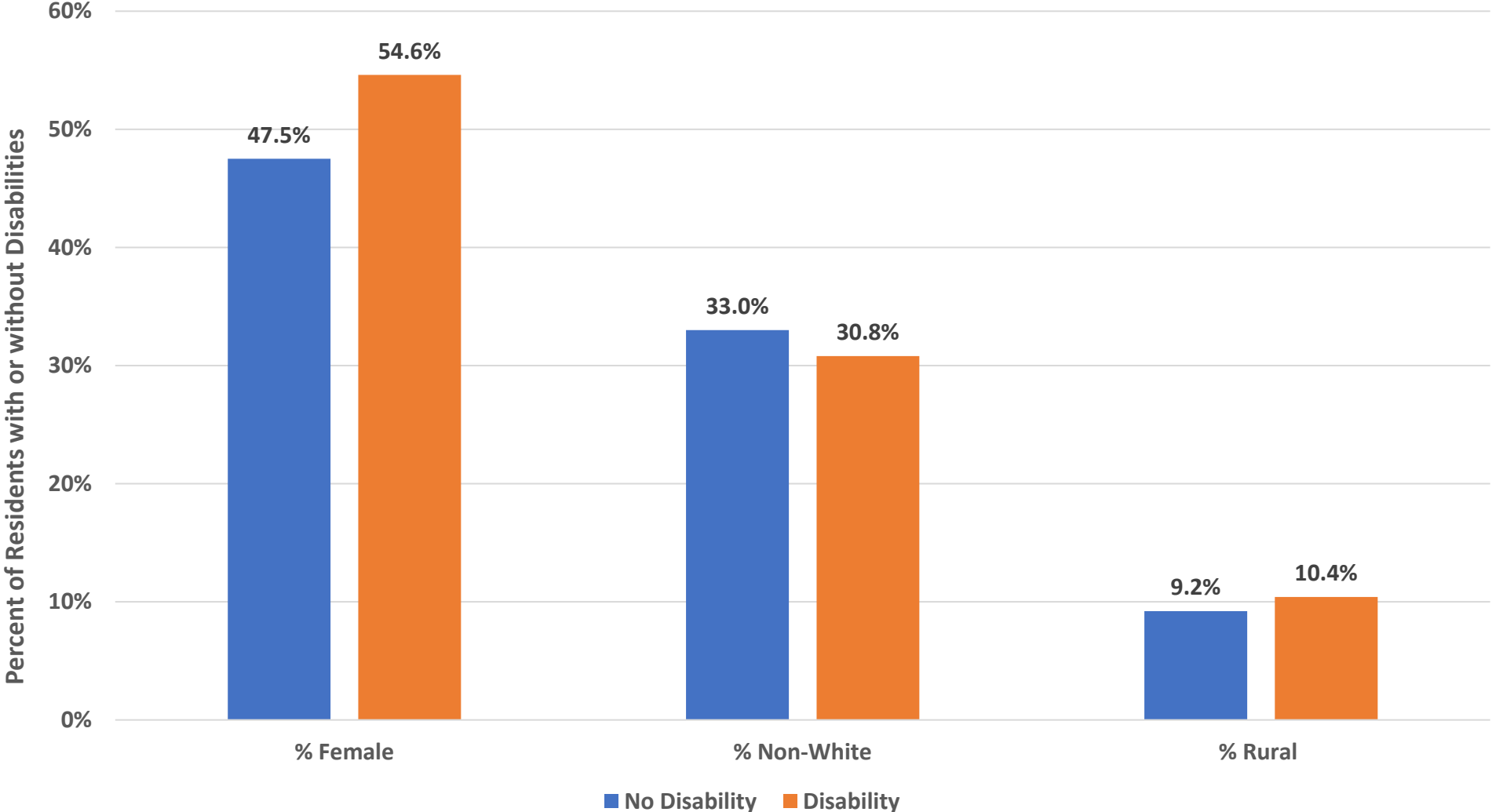


Source: BRFSS, 2021. Washington State Data



# Slide 8

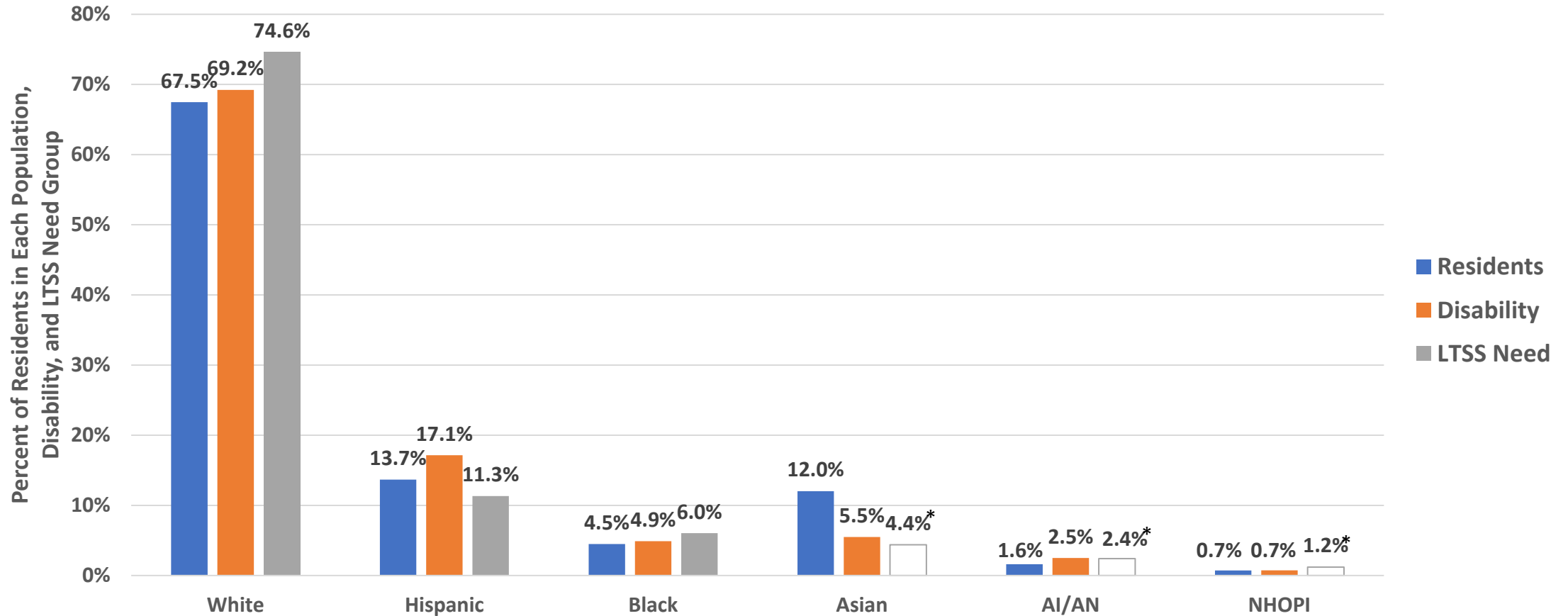
## Washington State Residents Age 18-64 Percent of Residents With and Without Disabilities By Demographic Subgroup



Source: BRFSS, 2021. Washington State Data

# Slide 9

## Washington State Residents Age 18-64 Distribution of Residents, People with Disabilities, and People with LTSS Needs By Race/Ethnicity



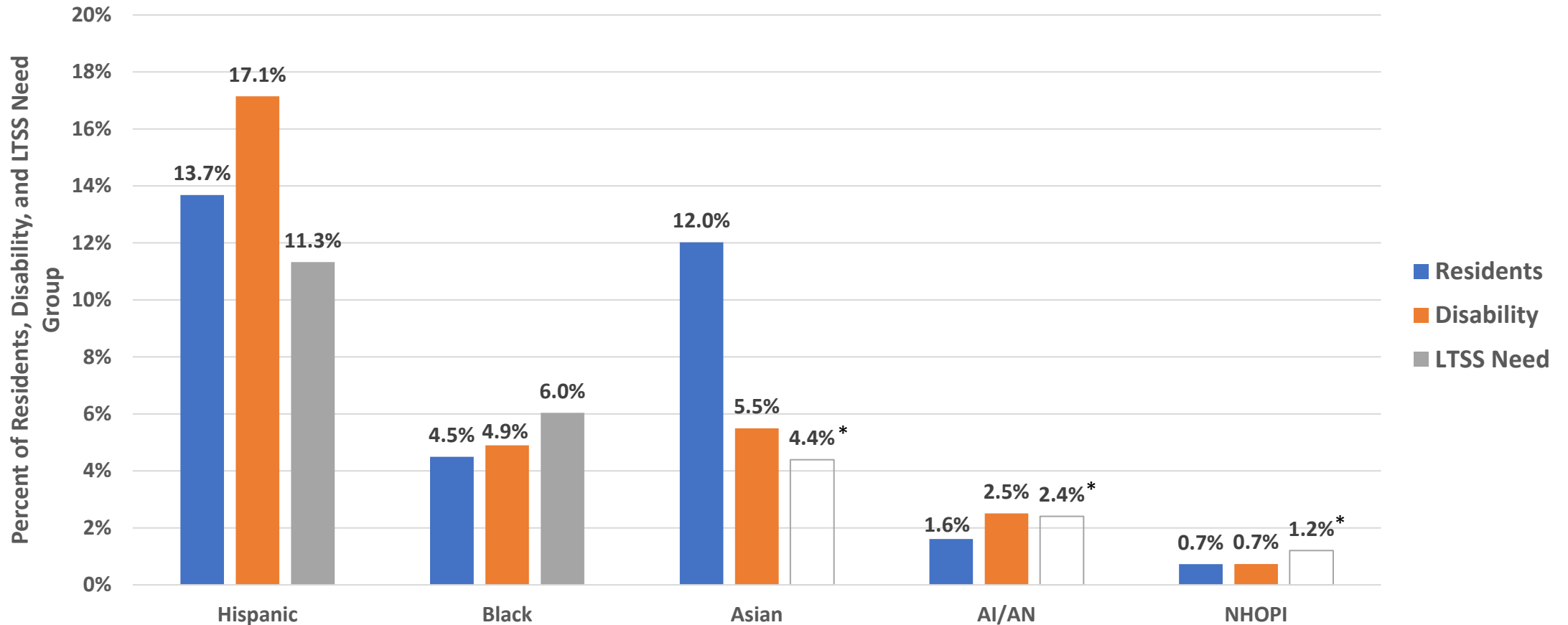
Notes:

- (1) As an example of how to interpret this chart – of the total number of residents with a disability, 17.1% identifies as Hispanic.
- (2) AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander
- (3) \*This percentage is based on small numbers of survey respondents and has a large confidence interval.

Source: BRFS, 2021. Washington State Data

# Slide 10

## Washington State Residents Age 18-64 Distribution of Residents, People with Disabilities, and People with LTSS Needs By Race/Ethnicity (Excluding White Non-Hispanic)



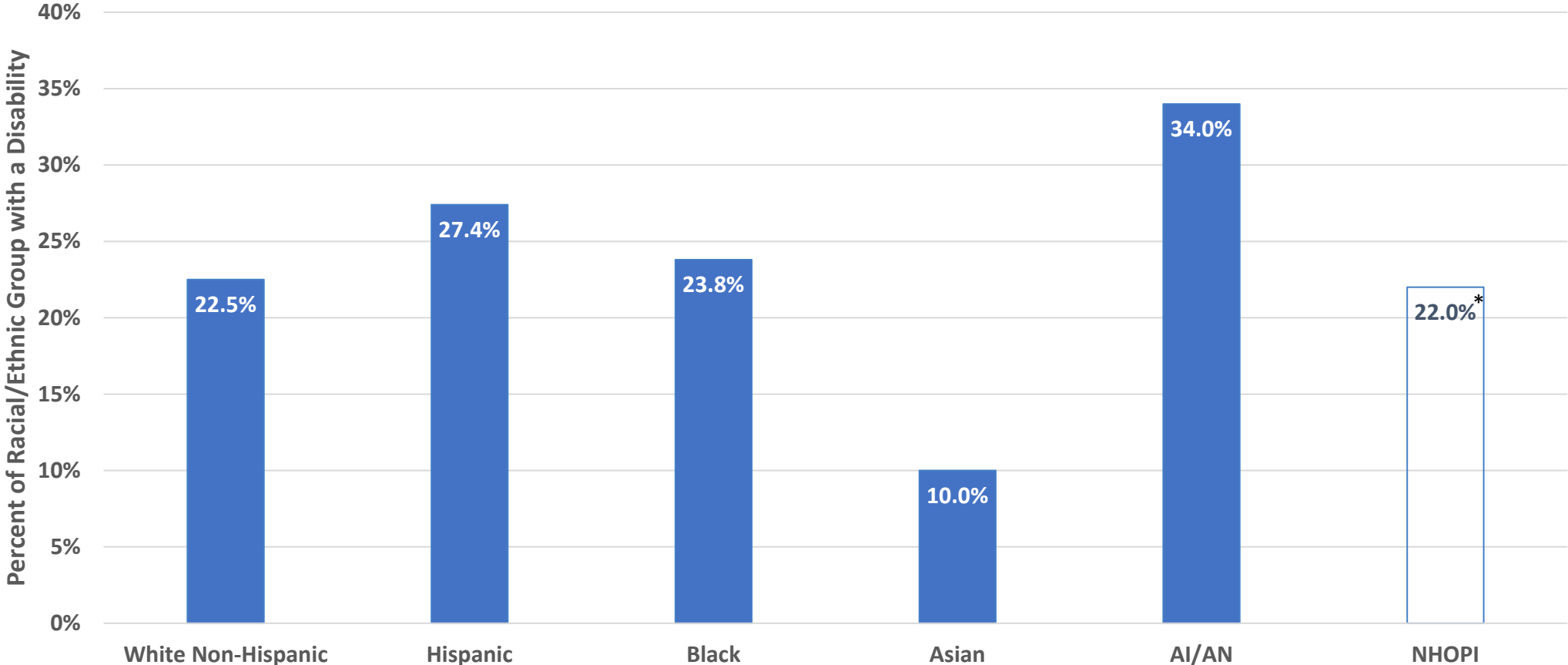
Notes:

- (1) As an example of how to interpret this chart – of the total number of residents with a disability, 17.1% identifies as Hispanic.
- (2) AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander
- (3) \*This percentage is based on small numbers of survey respondents and has a large confidence interval.

Source: BRFSS, 2021. Washington State Data

# Slide 11

## Washington State Residents Age 18-64 Percent of Race/Ethnicity Group with a Disability



Notes:

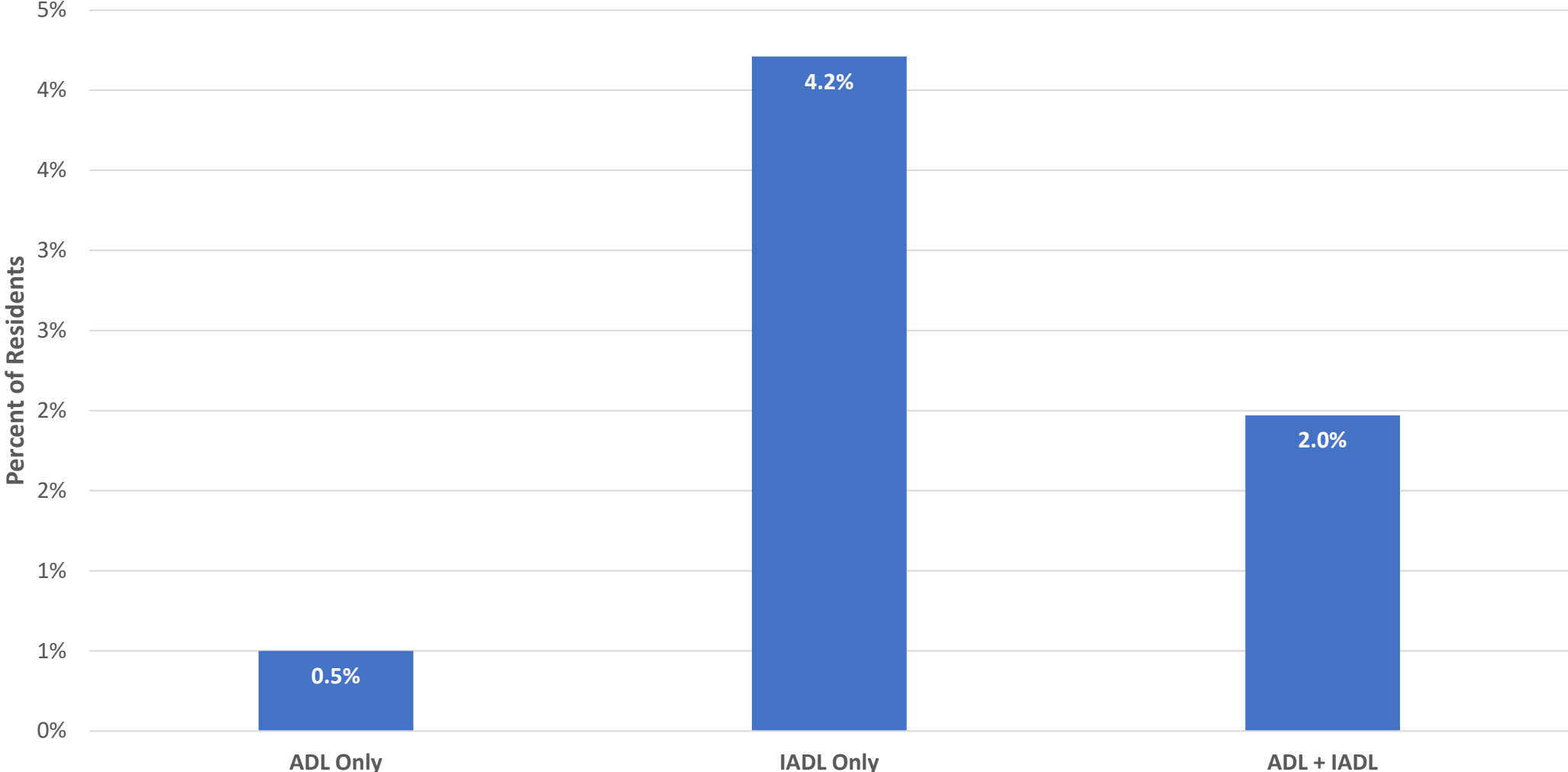
- (1) As an example of how to interpret this chart – of the total number of Hispanic residents, 27.4% have a disability.
- (2) AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander
- (3) \*This percentage is based on small numbers of survey respondents and has a large confidence interval.

Source: BRFSS, 2021. Washington State Data



# Slide 12

## Washington State Residents Age 18-64 Percent With Each Type of LTSS Need

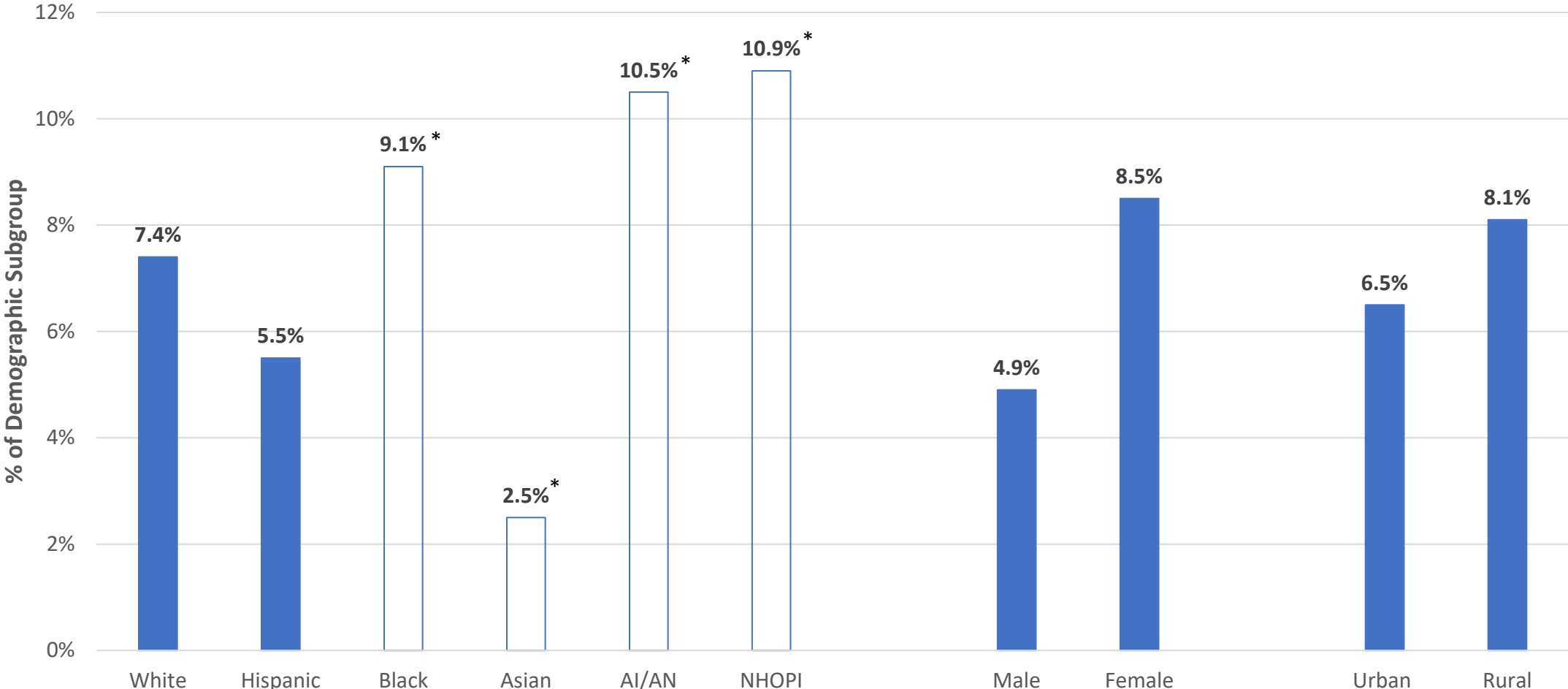


Source: BRFSS, 2021. Washington State Data



# Slide 13

## Washington State Residents Age 18-64 Percent of Demographic Group with LTSS Need



Notes:

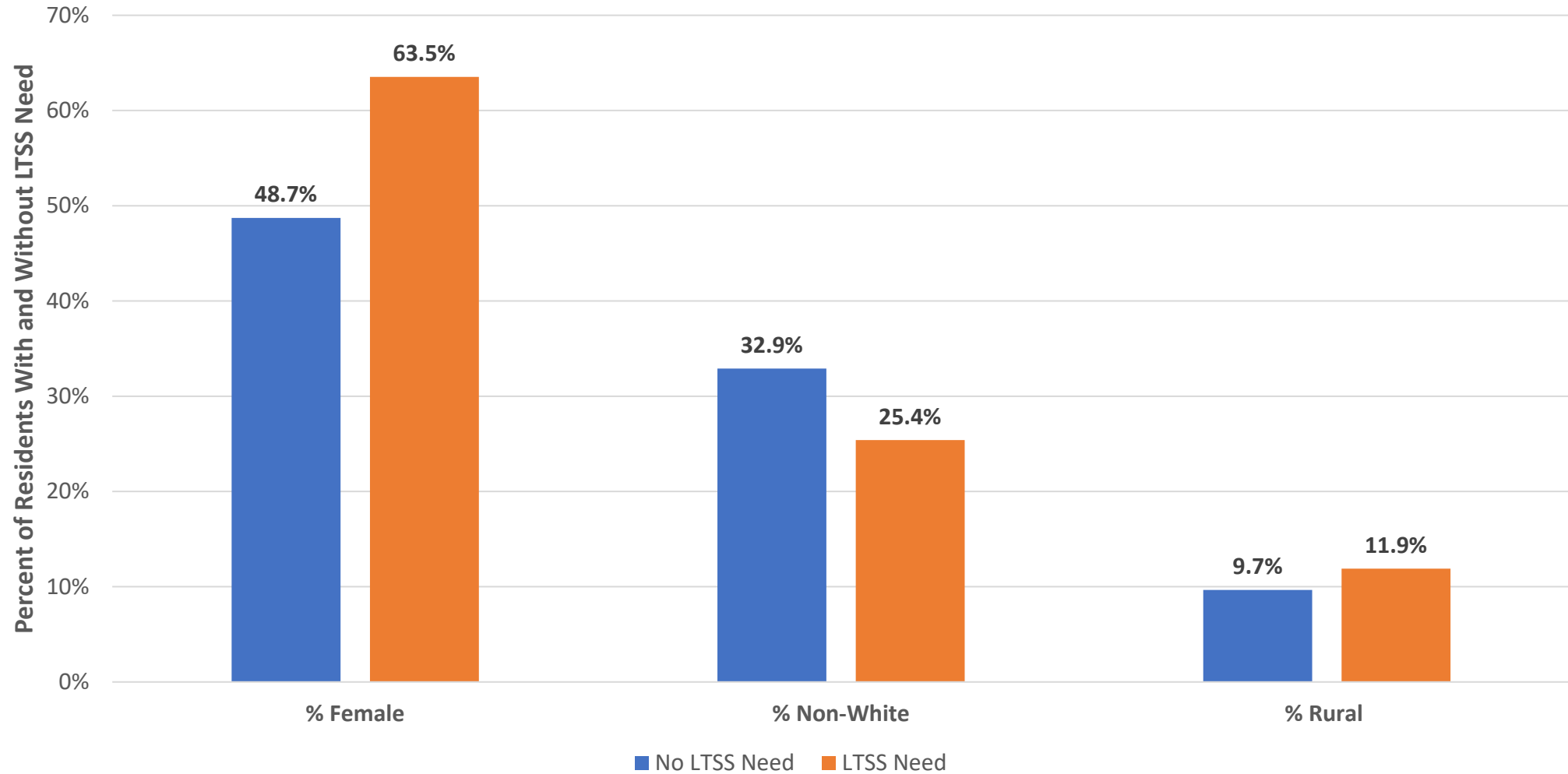
- (1) As an example of how to interpret this chart – of the total number of Hispanic residents, 5.5% have an LTSS need.
- (2) AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander
- (3) \*This percentage is based on small numbers of survey respondents and has a large confidence interval.

Source: BRFSS, 2021. Washington State Data



# Slide 14

## Washington State Residents Age 18-64 Percent of Residents With and Without LTSS Need By Demographic Subgroup

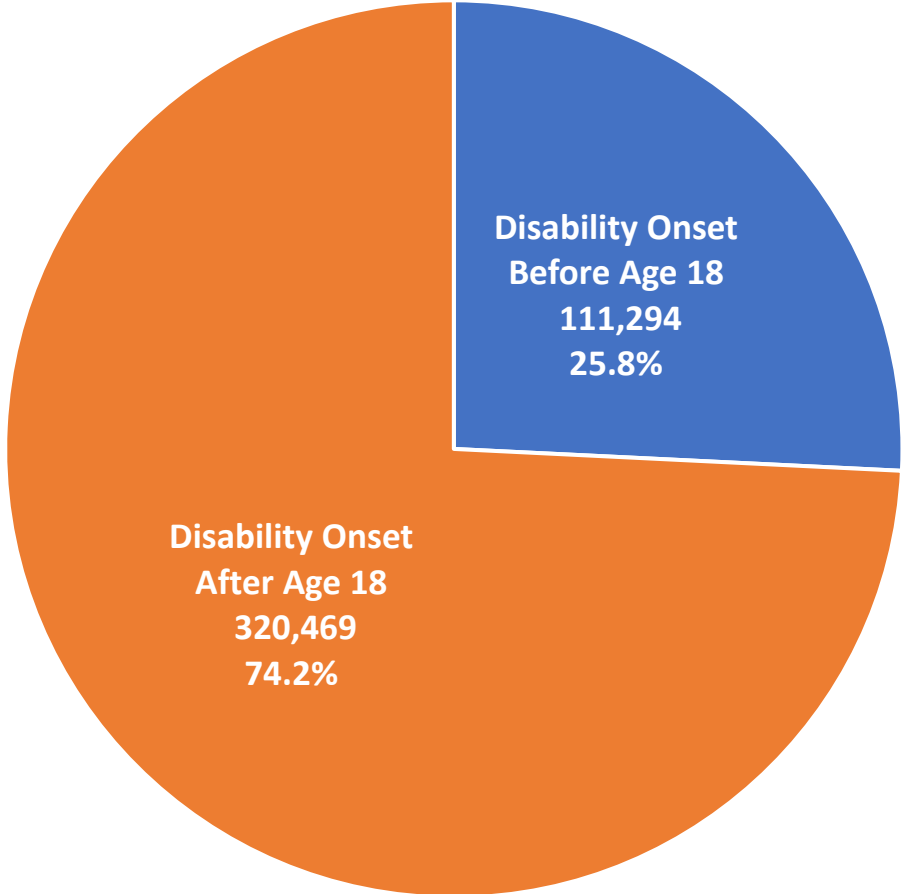


Note: As an example of how to interpret this chart – of the total number of residents with LTSS need, 63.5% identify as female.

Source: BRFSS, 2021. Washington State Data

# Slide 15

## Washington State Residents Age 18-64 With LTSS Needs By Whether the Onset of Disability Occurred Before or After Age 18

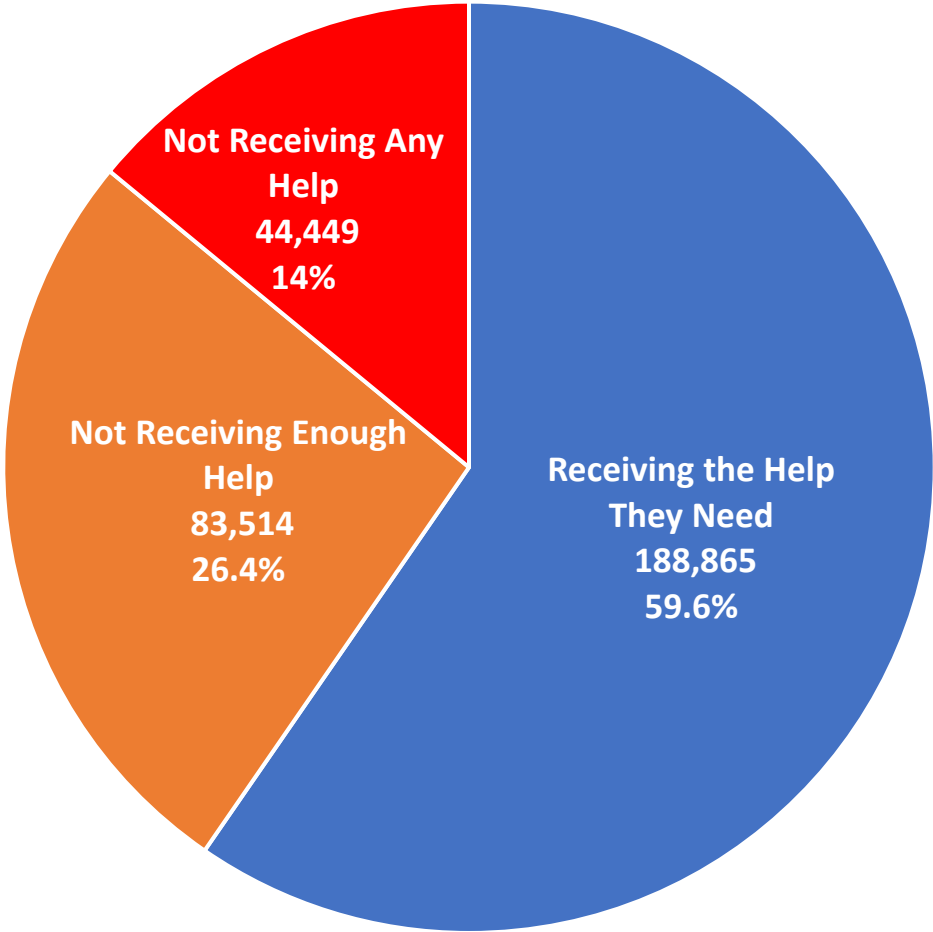


Source: BRFSS, 2021. Washington State Data



# Slide 16

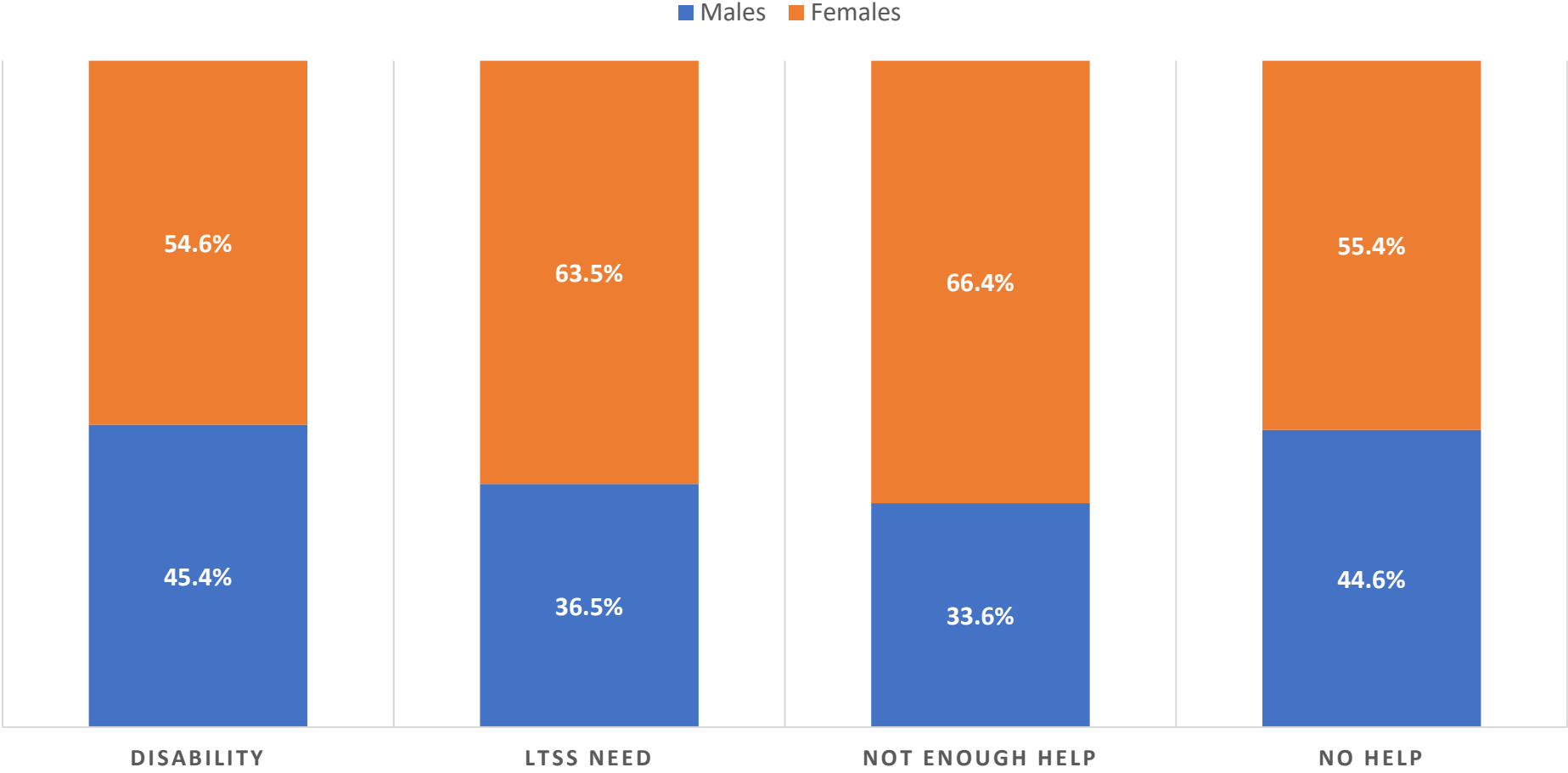
## Washington State Residents Age 18-64 With LTSS Needs By Whether They Are Receiving Needed Assistance



Source: BRFSS, 2021. Washington State Data

# Slide 17

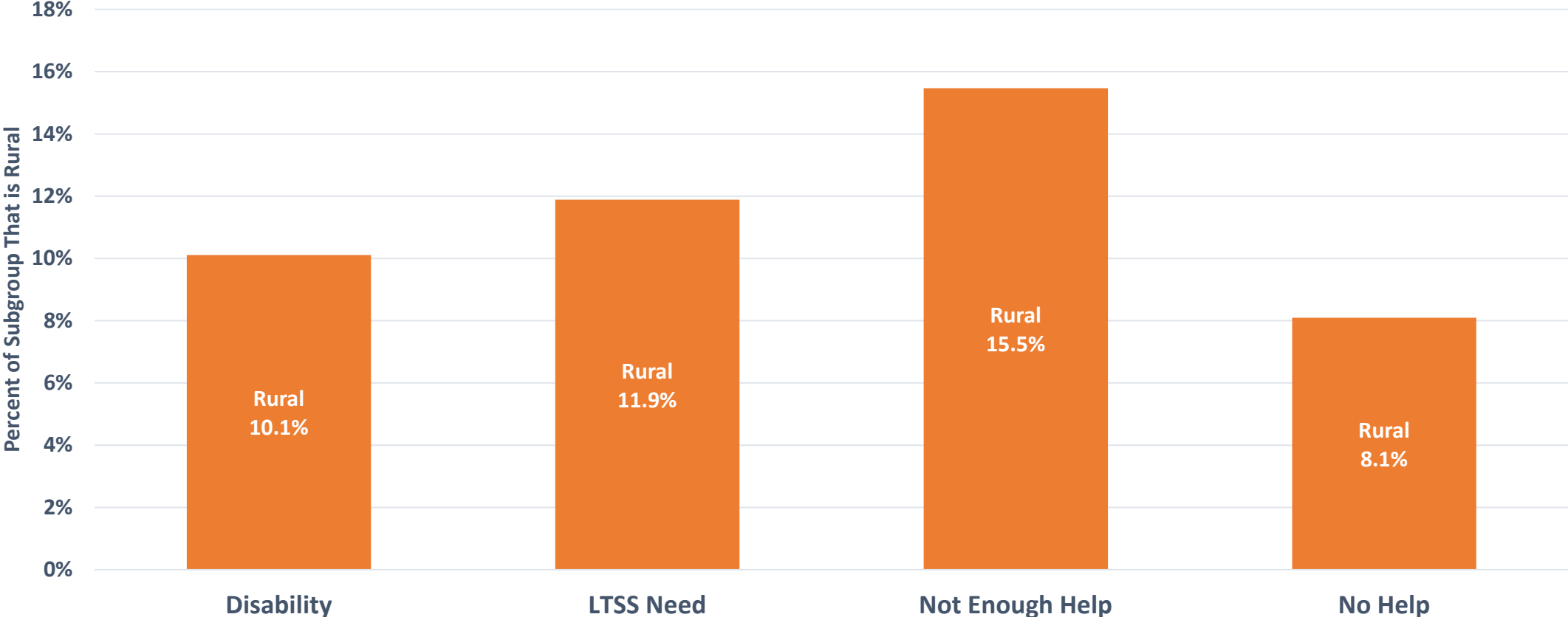
## Washington State Residents Age 18-64 With Disabilities, LTSS Need, and Receipt Of Assistance By Gender



Source: BRFSS, 2021. Washington State Data

# Slide 18

## WA State Adults Age 18-64 Percent of Subgroups with Disability, LTSS Need, Not Receiving Sufficient Help That Is Rural

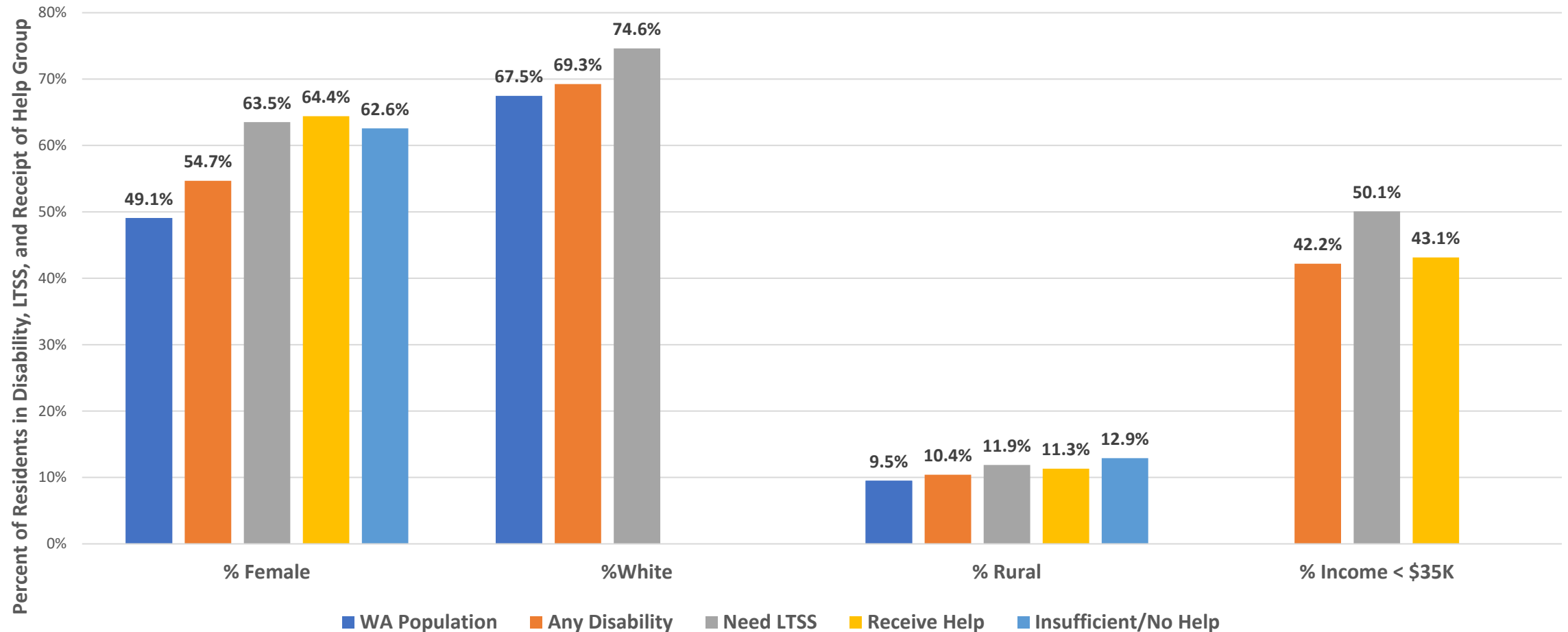


Source: BRFSS, 2021. Washington State Data



# Slide 19

## Washington State Residents Age 18-64 Percent of Residents in Group with a Disability, LTSS Need, and Receipt of Help By Demographic Subgroup



**Notes:**

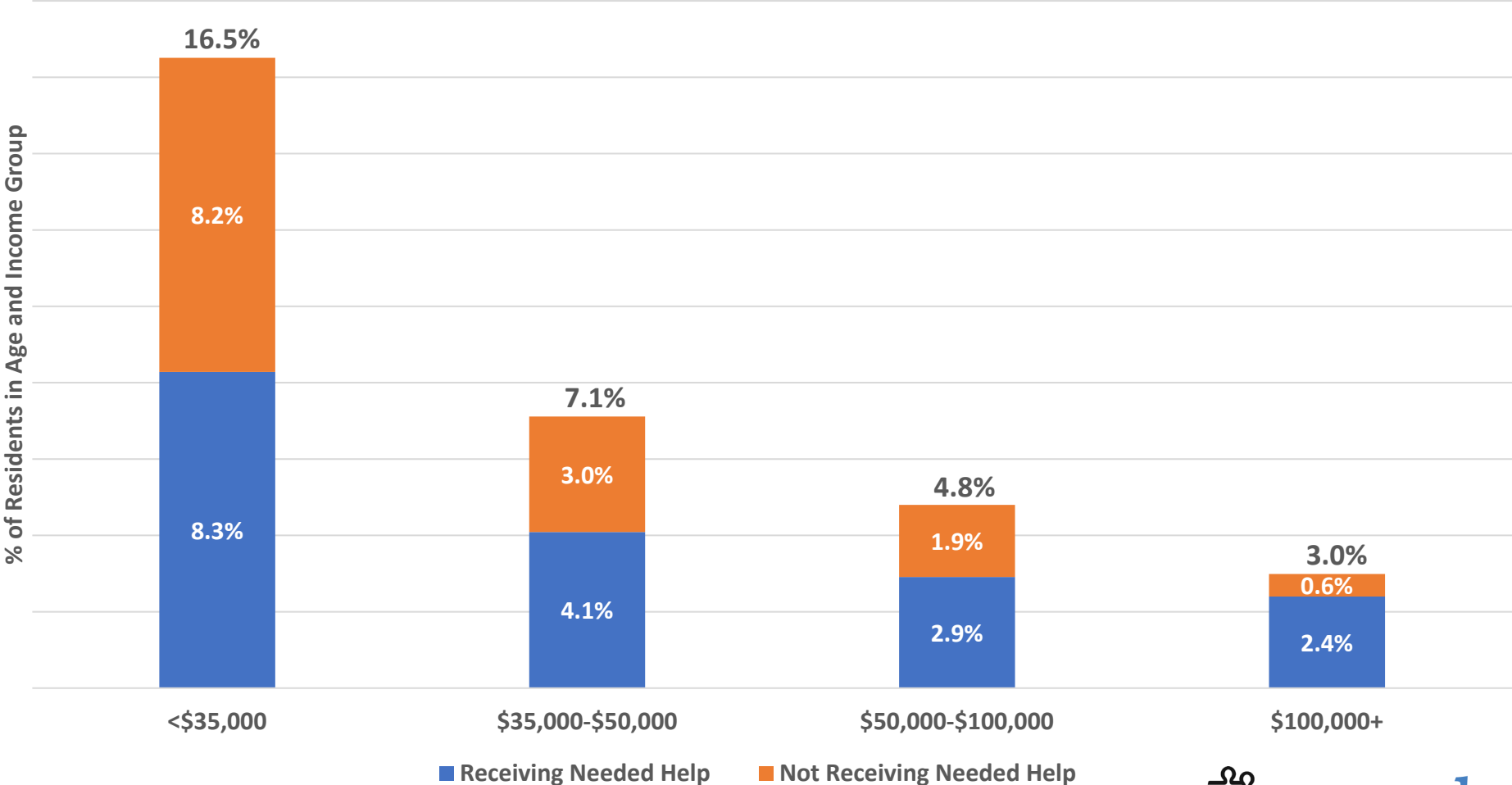
- (1) As an example of how to interpret this chart – of the total number of residents with a disability, 54.7% identifies as female.
- (2) The missing data points for % White and % Income <\$35k are due to small cell counts for the “Receives Help” and “Insufficient/No Help” variables when disaggregated by demographic category.

Source: BRFSS, 2021. Washington State Data



# Slide 20

## Washington State Residents Age 18-64 Percent With LTSS Needs By Income Group and By Whether Receiving Needed Help

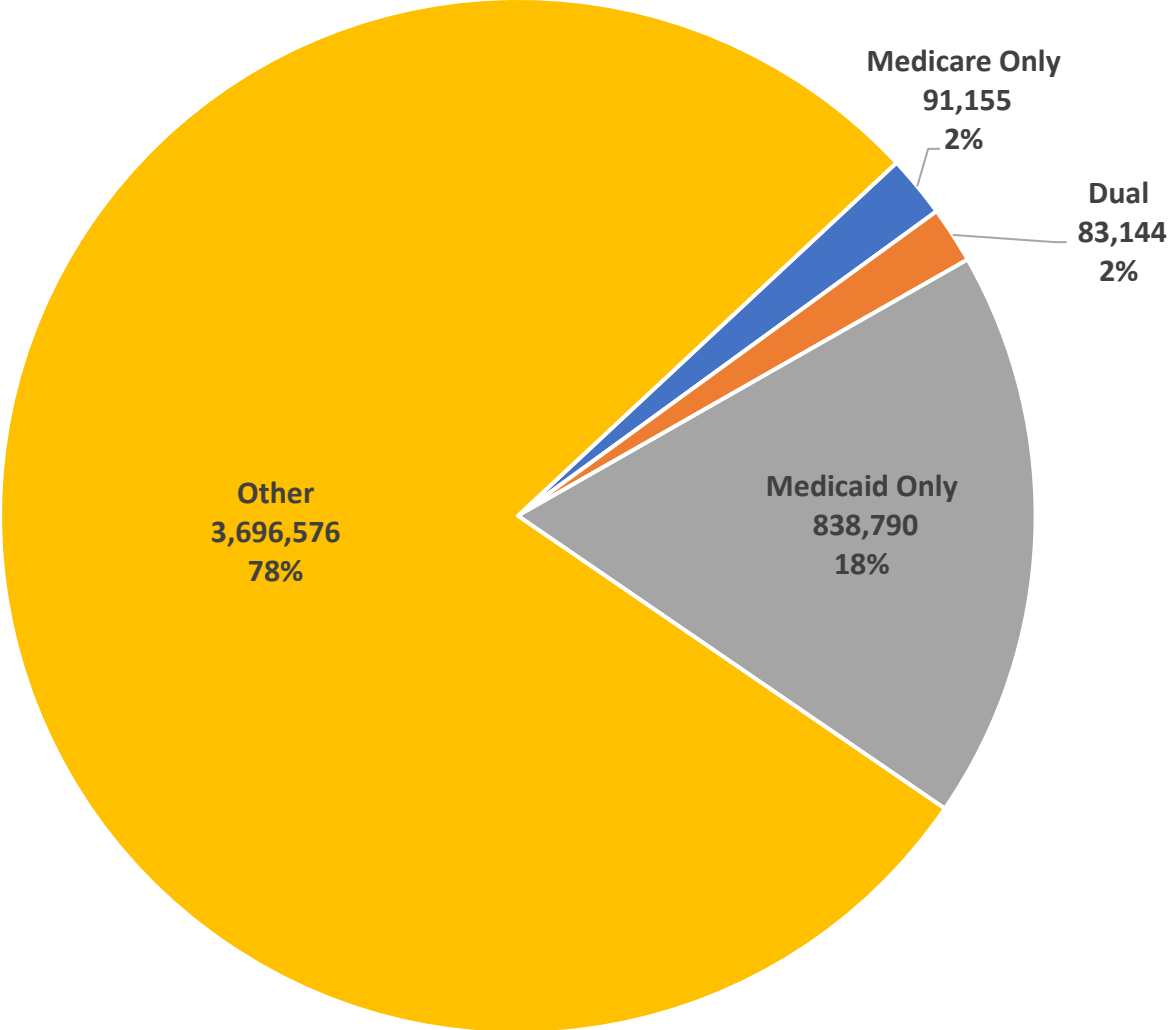


Source: BRFSS, 2021. Washington State Data



# Slide 21

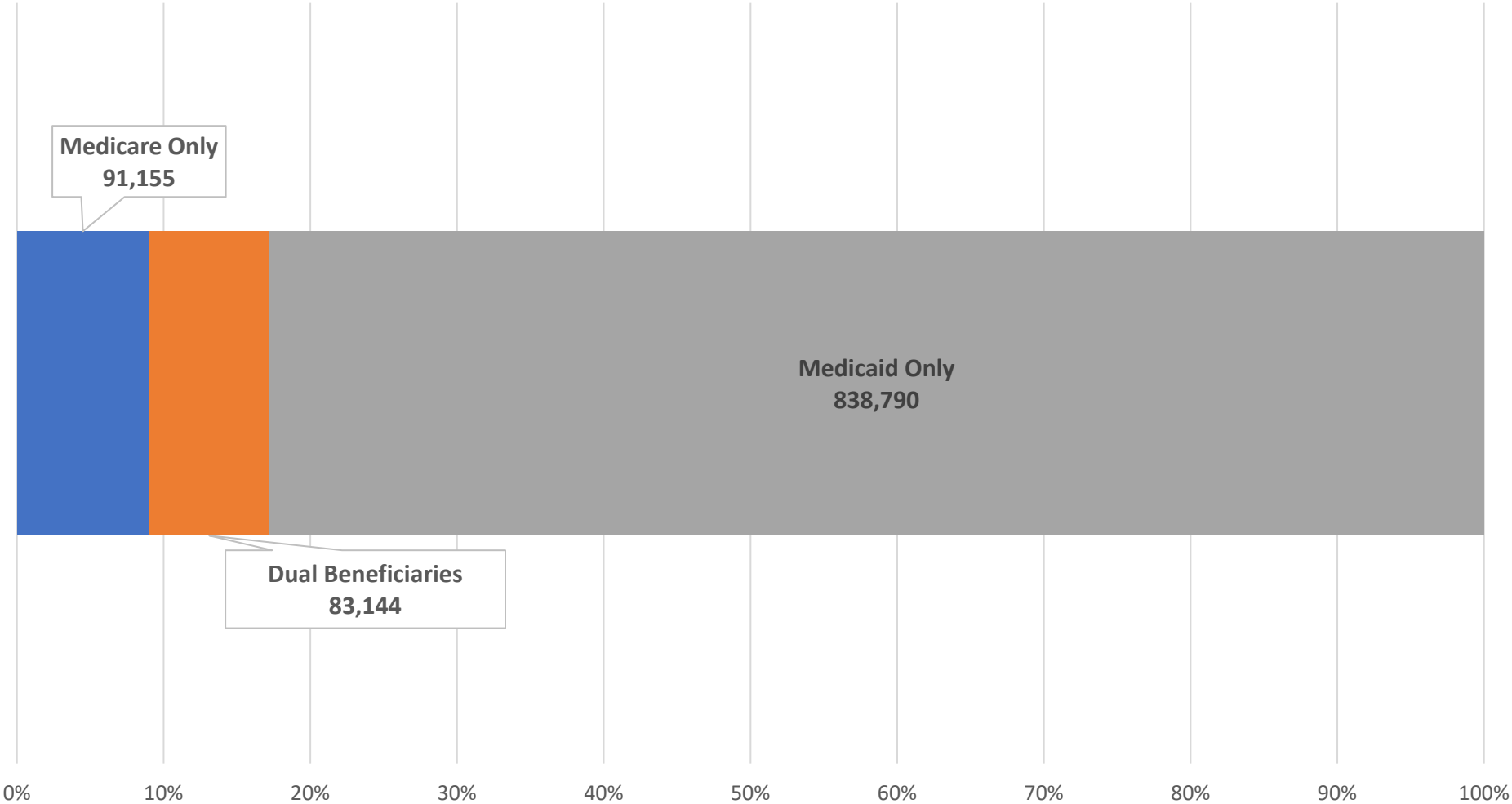
### WA State Population Age 18-64 By Medicare and/or Medicaid Enrollment, CY2018



Source: American Community Survey, 2018, and Washington State Medicare Master Beneficiary Summary File, 2018 Washington State Medicaid Enrollment File, 2018

# Slide 22

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 by Program

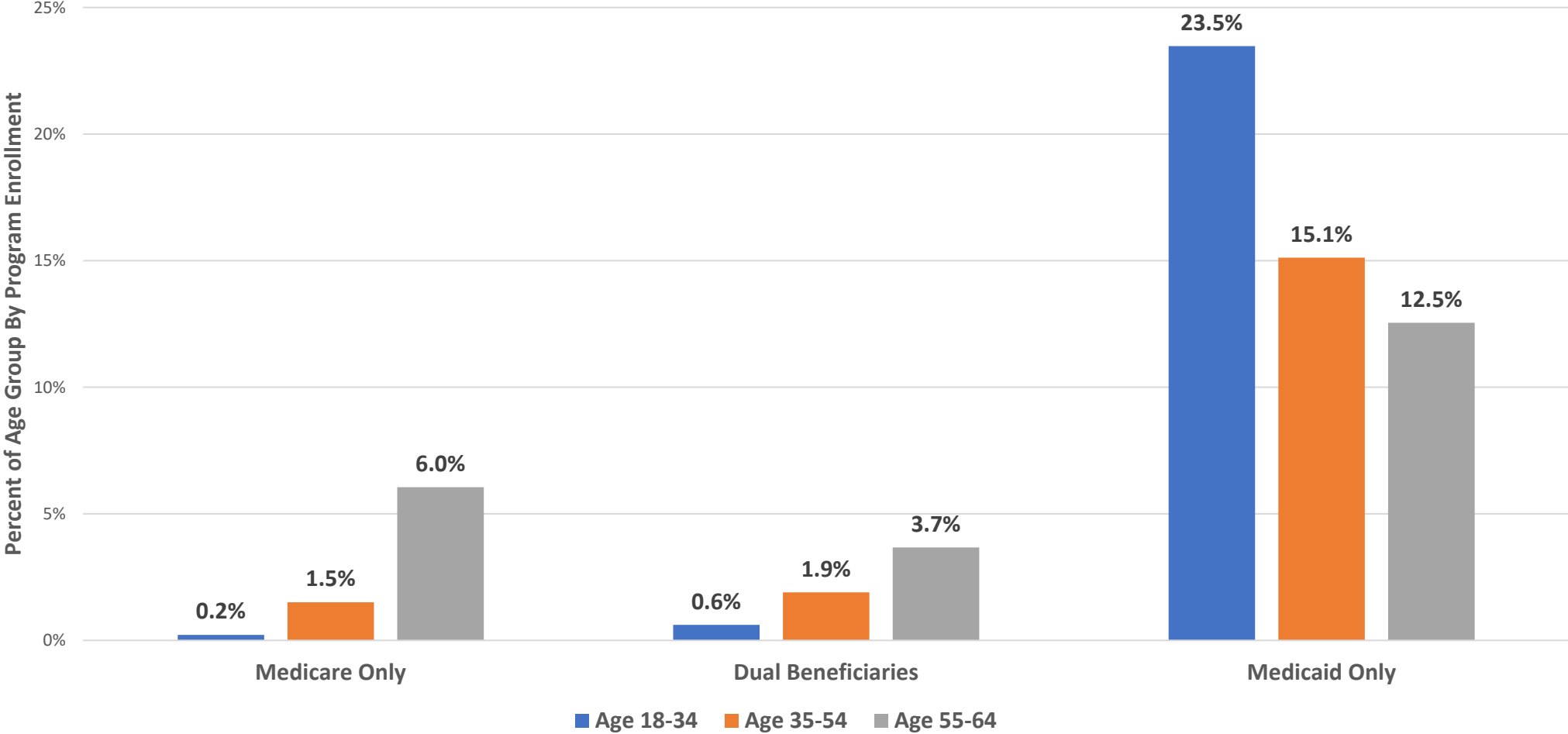


Source: Washington State Combined Medicare-Medicaid Files, CY 2018



# Slide 23

## Washington State Residents Age 18-64 Percent of Each Age Group By Enrollment in Medicare, Medicaid, or Both



Note: As an example of how to interpret this chart – of the total number of residents ages 55-64, 6.0% are enrolled in Medicare only.

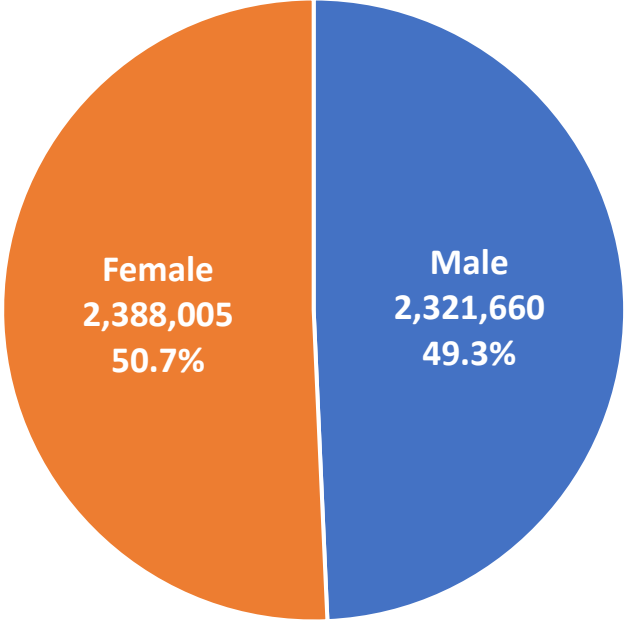
Source: Washington State Combined Medicare-Medicaid Files, CY 2018



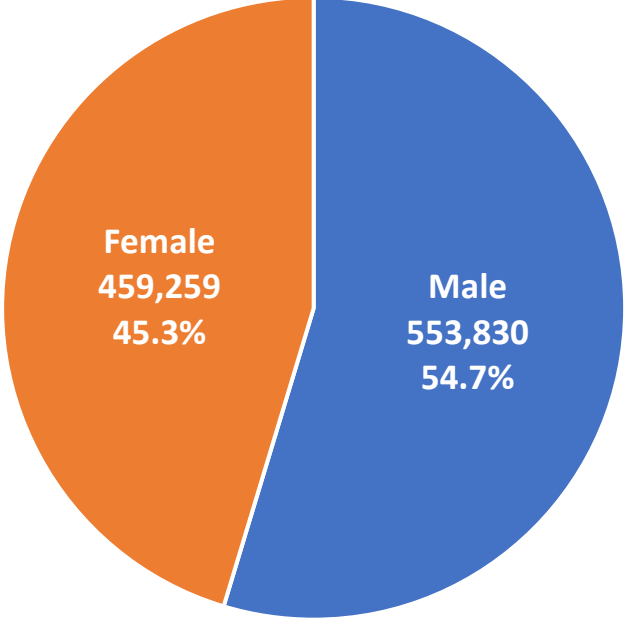
# Slide 24

## Washington State Residents and Medicare and/or Medicaid Beneficiaries Ages 18-64 by Gender

Washington State Residents



Medicare and/or Medicaid Beneficiaries



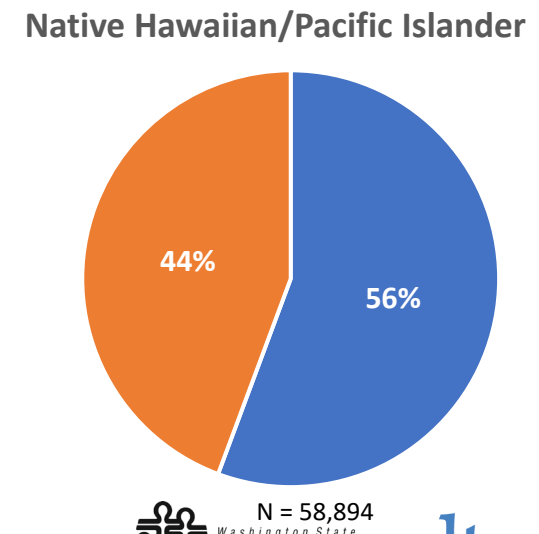
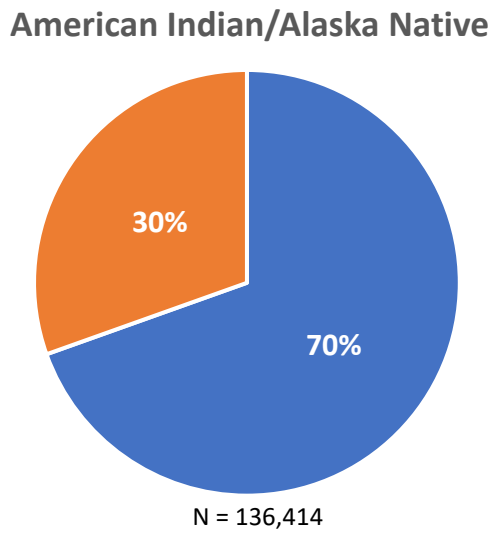
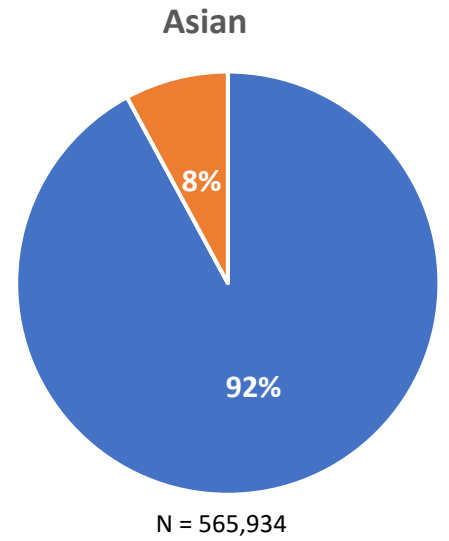
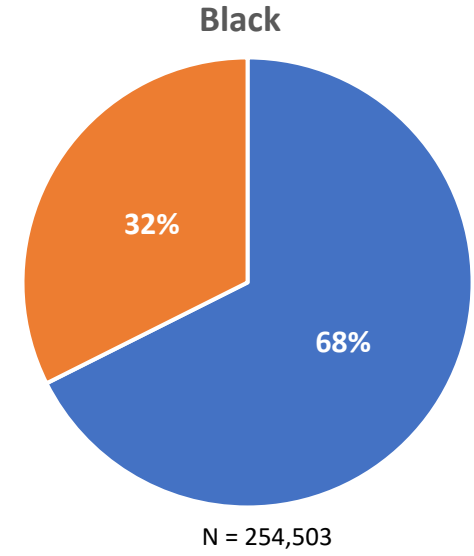
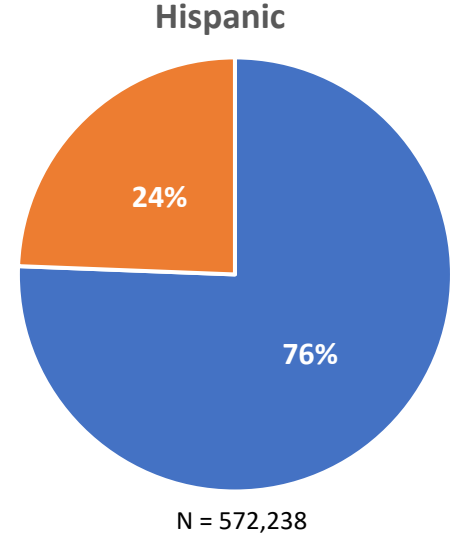
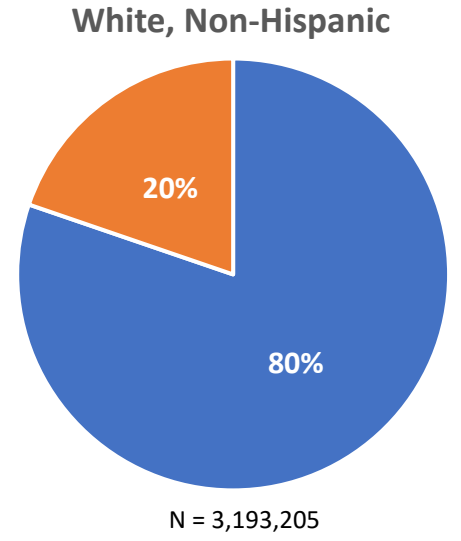
Source of Medicare and/or Medicaid Enrollment: Medicare Master Beneficiary Summary File; Medicaid Enrollment Files, CY 2018  
Source of Overall State Population: American Community Survey, ACS 1-Year Estimates Data Profiles, 2018.



# Slide 25

## Washington State Residents Ages 18-64 Percent of Each Racial/Ethnic Category By Enrollment in Medicare and/or Medicaid

- Enrolled in Medicare and/or Medicaid
- Not Enrolled in Medicare and/or Medicaid

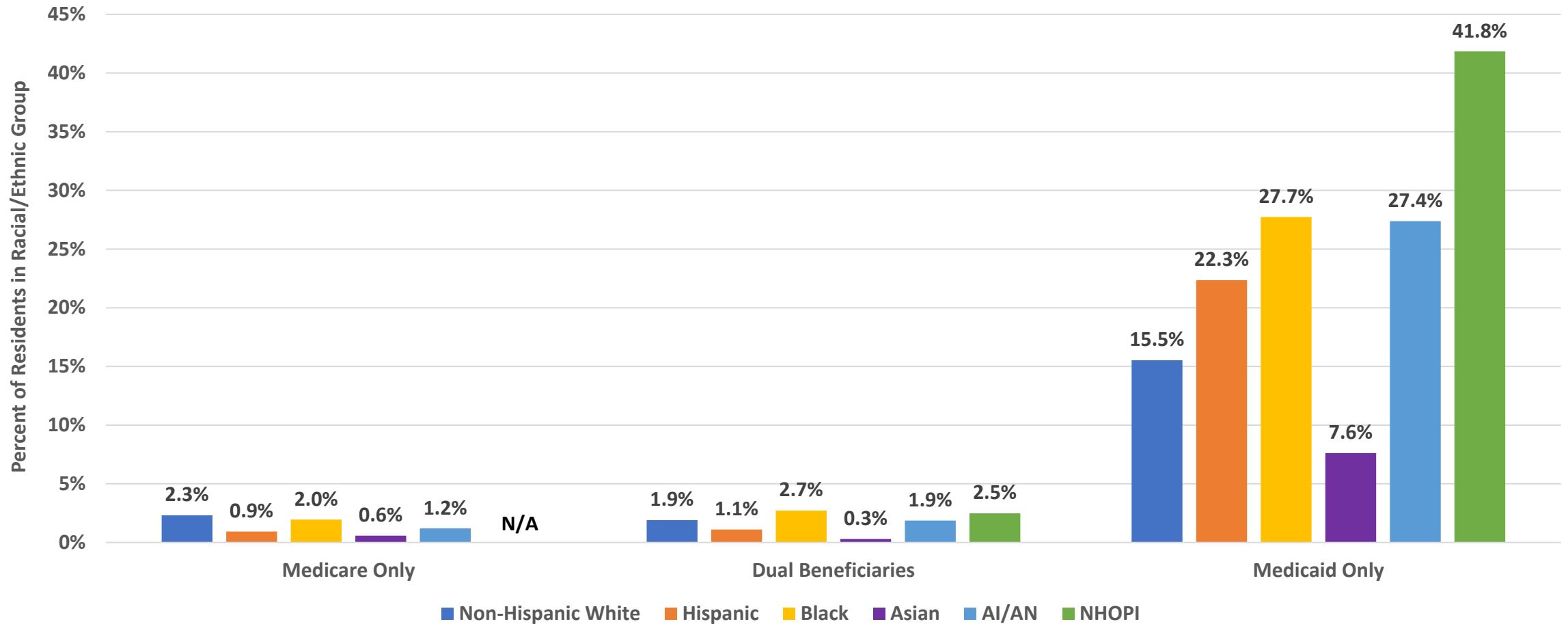


Source of Medicare and/or Medicaid Enrollment: Medicare Master Beneficiary Summary File; Medicaid Enrollment Files, CY 2018  
 Source of Overall State Population: American Community Survey, ACS 1-Year Estimates Data Profiles, 2018.



# Slide 26

## Washington State Residents Age 18-64 Percent of Racial/Ethnic Group By Enrollment in Medicare and/or Medicaid



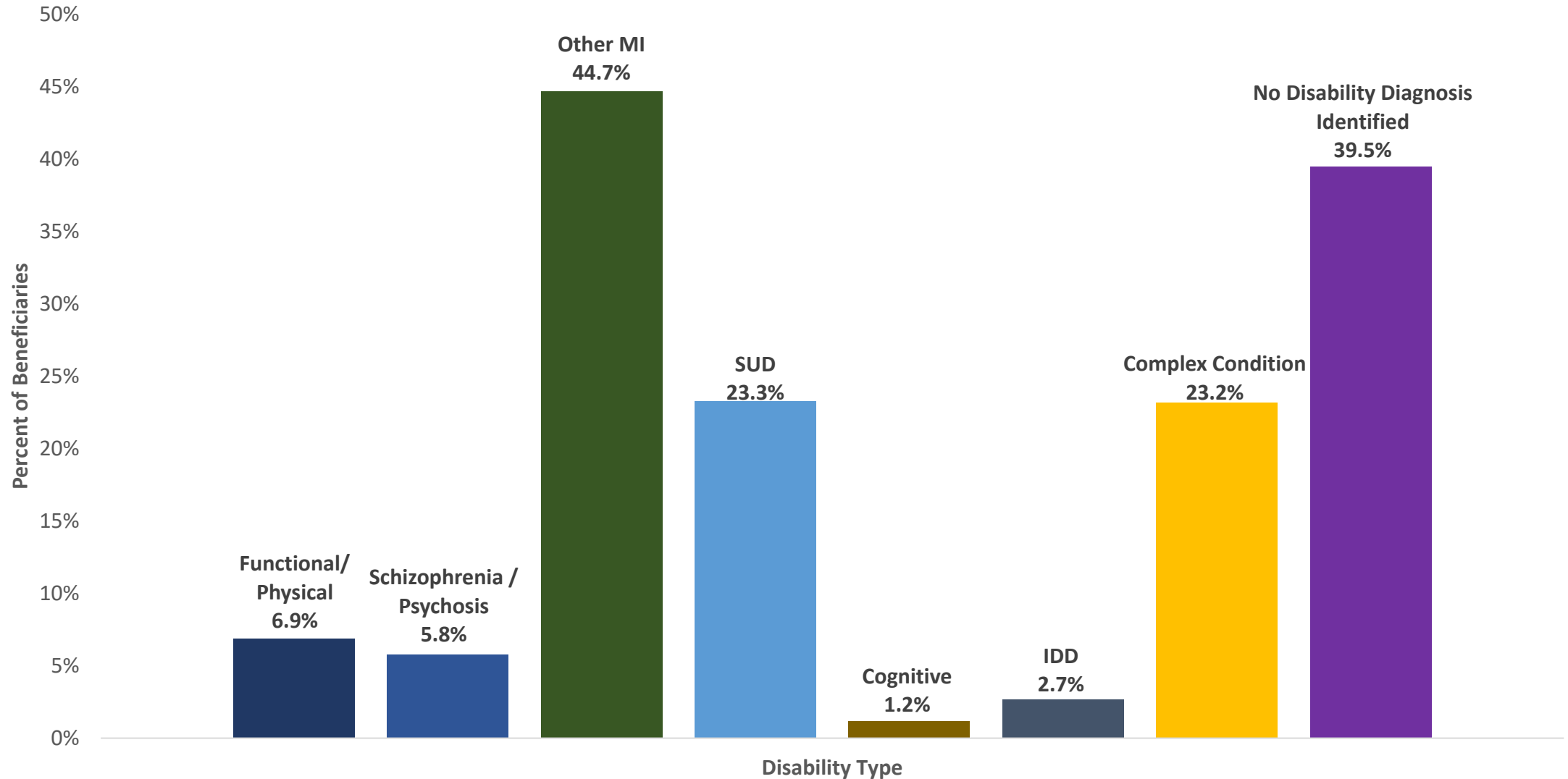
**Notes:**

- (1) As an example of how to interpret this chart – of the total number of NHOPI residents, 41.8% are enrolled in Medicaid.
- (2) AI/AN: American Indian / Alaska Native; NHOPI: Native Hawaiian or Pacific Islander

Source of Medicare and/or Medicaid Enrollment: Medicare Master Beneficiary Summary File; Medicaid Enrollment Files, CY 2018  
 Source of Overall State Population: American Community Survey, ACS 1-Year Estimates Data Profiles, 2018.

# Slide 27

## Washington State Medicare and/or Medicaid Beneficiaries Ages 18-64 Prevalence of Disability Categories (Duplicated Counts)

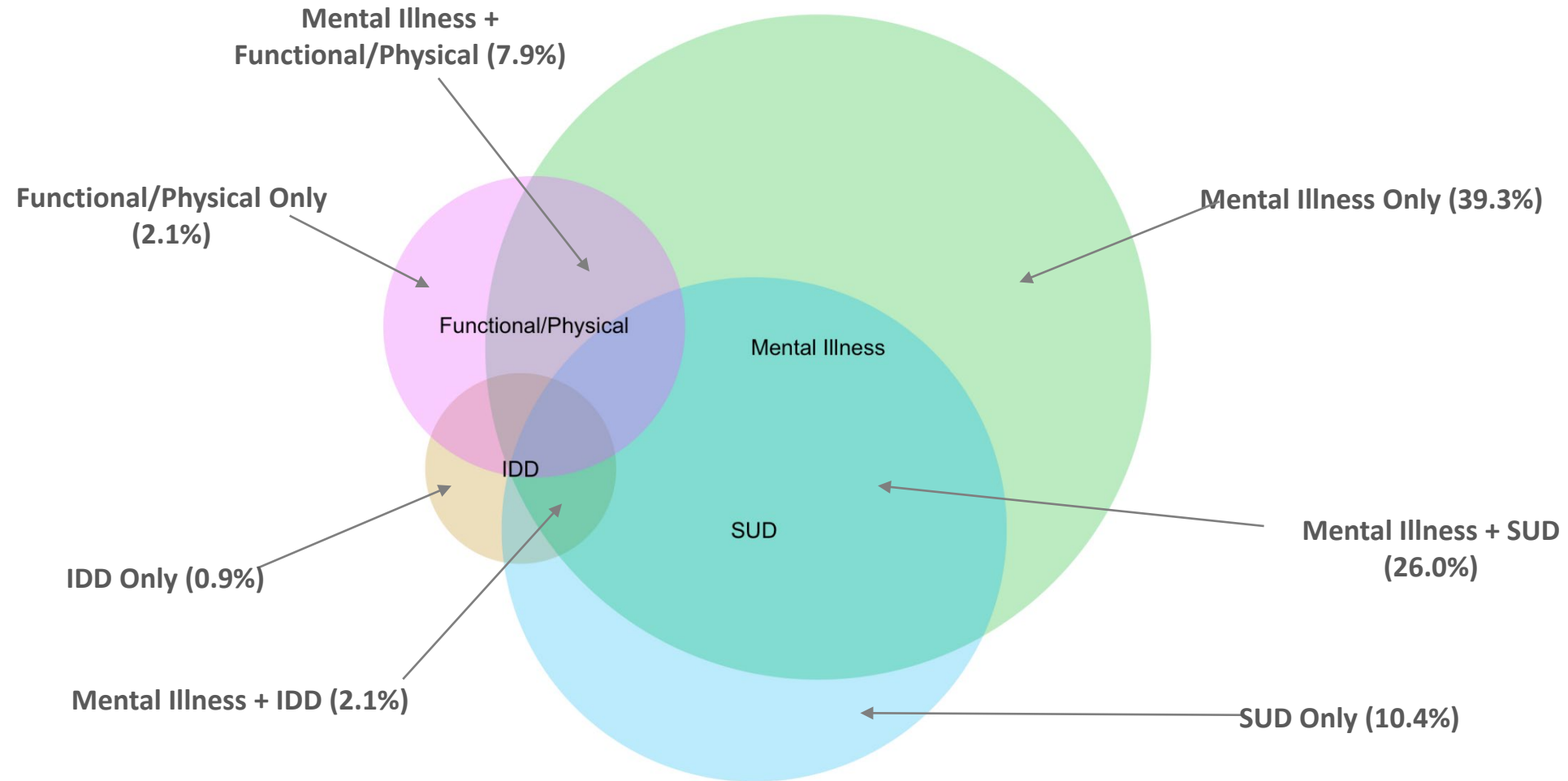


Note: Beneficiaries may be counted in more than one disability category.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 28

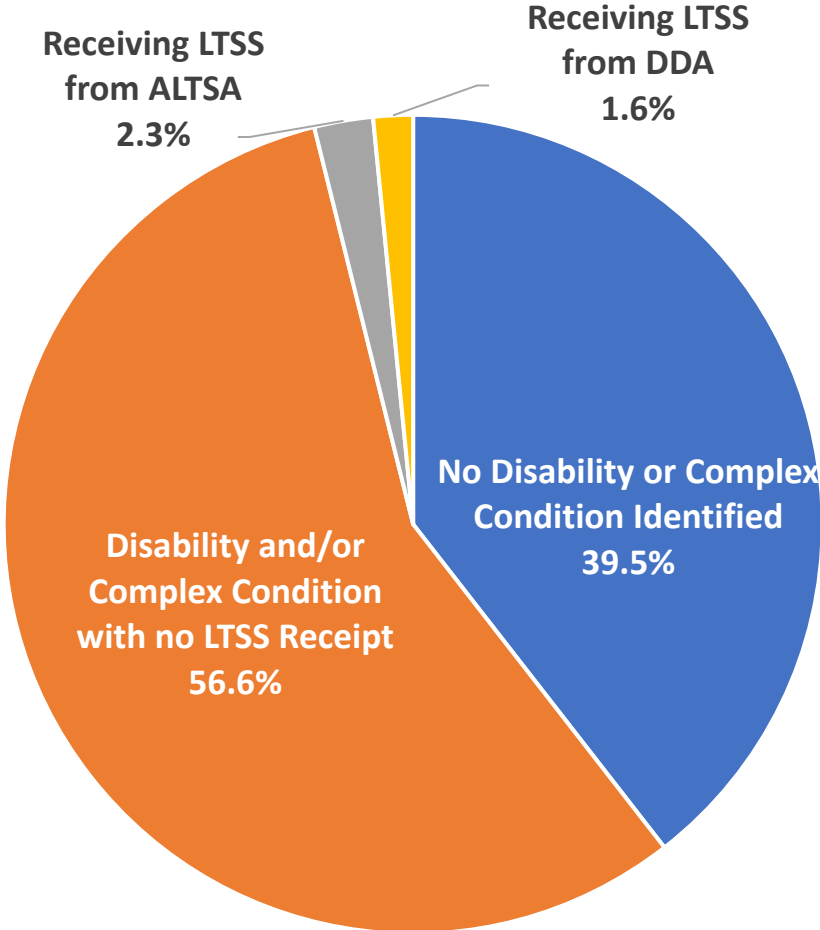
## Washington State Medicare and/or Medicaid Beneficiaries Ages 18-64 with Disabilities by Disability and Co-Occurring Disability Category



- Notes:
- (1) IDD + Functional/Physical (.4%) and IDD + Functional/Physical + SUD (1.1%) are not shown here due to small prevalence.
  - (2) This visual representation of the overlap of co-occurring disabilities is not exactly proportional due to geometric constraints.

# Slide 29

## Washington State Medicaid and/or Medicare Beneficiaries Ages 18-64 by Disability Status and LTSS Receipt by State Agency



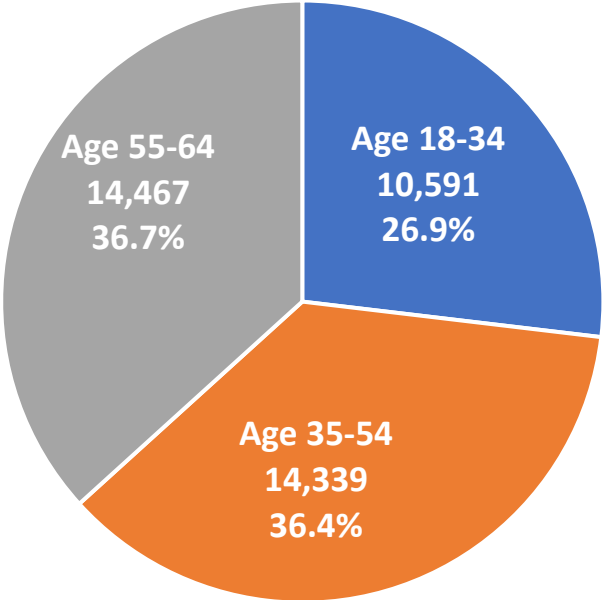
Note: All individuals with a disability may not need LTSS.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

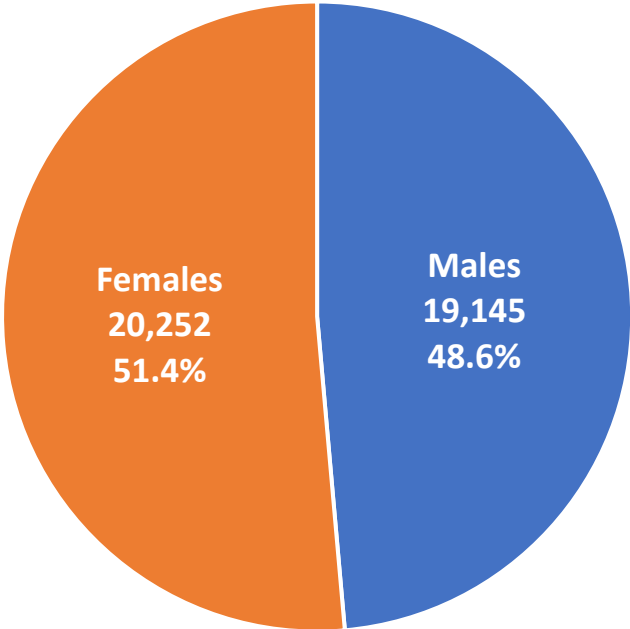
# Slide 30

## Washington State Medicare and/or Medicaid LTSS Recipients Age 18-64 By Age Group and Gender

Age Distribution



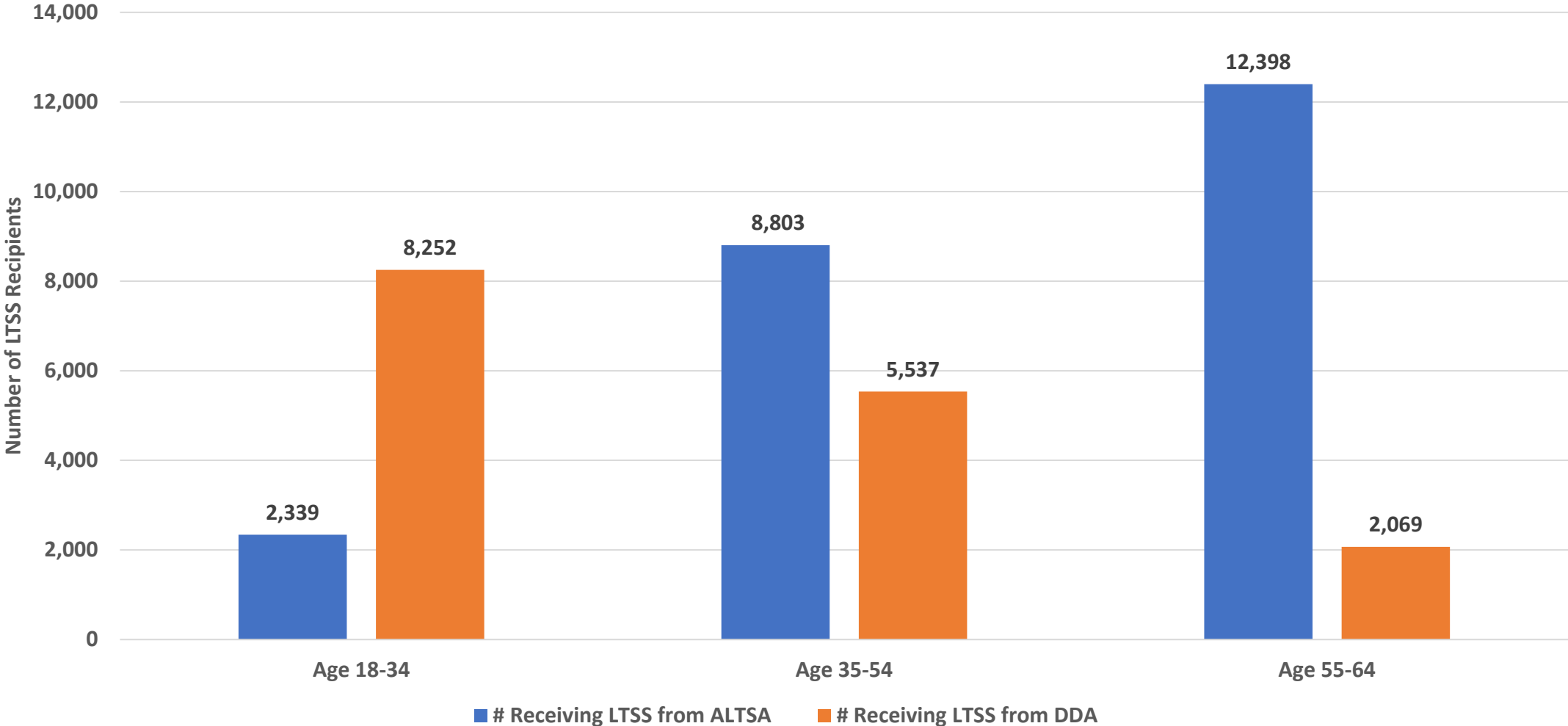
Gender Distribution



Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 31

## Washington State LTSS Recipients Age 18-64 by Age Group and State Agency, CY 2018



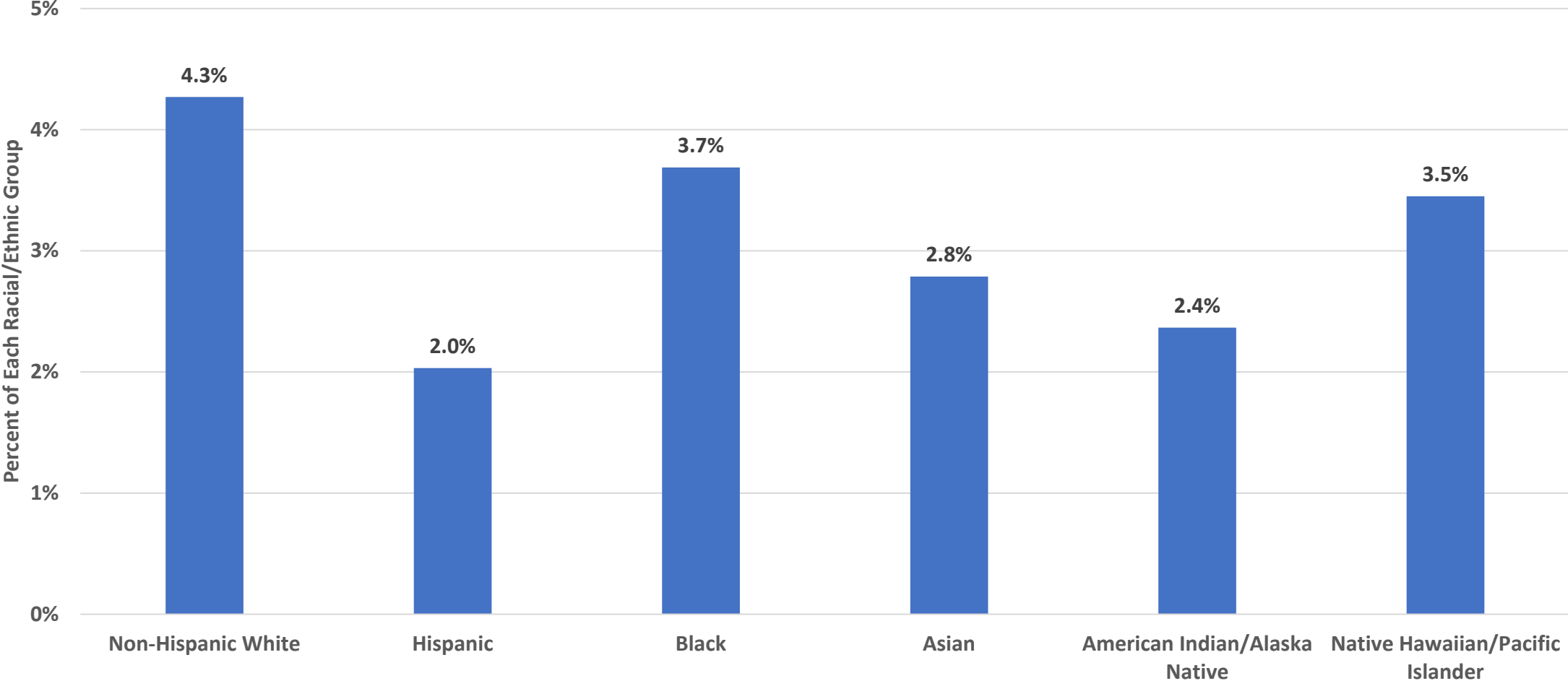
Source: Washington State Combined Medicare-Medicaid Files, CY 2018





# Slide 32

## Washington State Medicare and/or Medicare Beneficiaries Age 18-64 Percent Receiving LTSS, 2018 By Race/Ethnicity



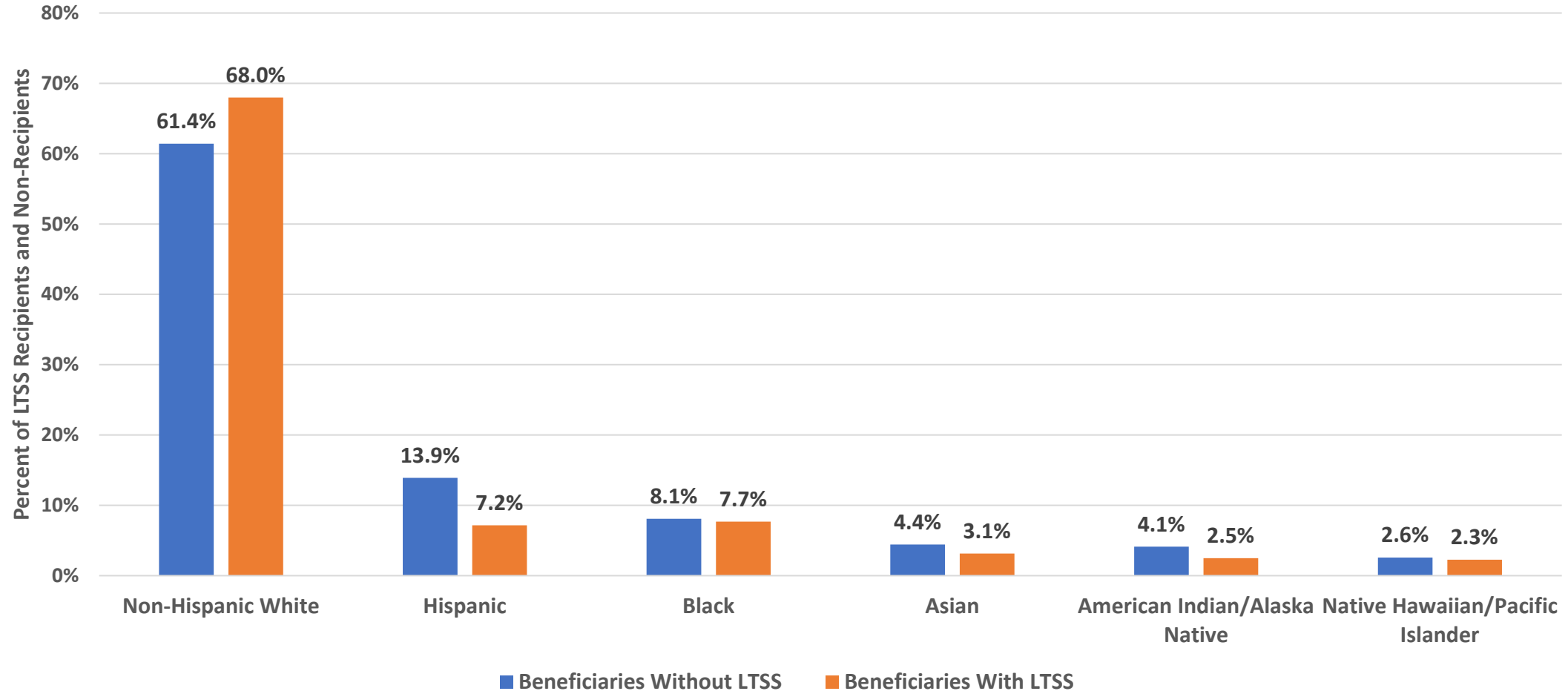
Note: As an example of how to interpret this chart – of the total number of Hispanic Medicare and/or Medicaid beneficiaries, 2.0% are receiving LTSS.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018



# Slide 33

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 Distribution of Beneficiaries with and without LTSS Receipt By Race/Ethnicity

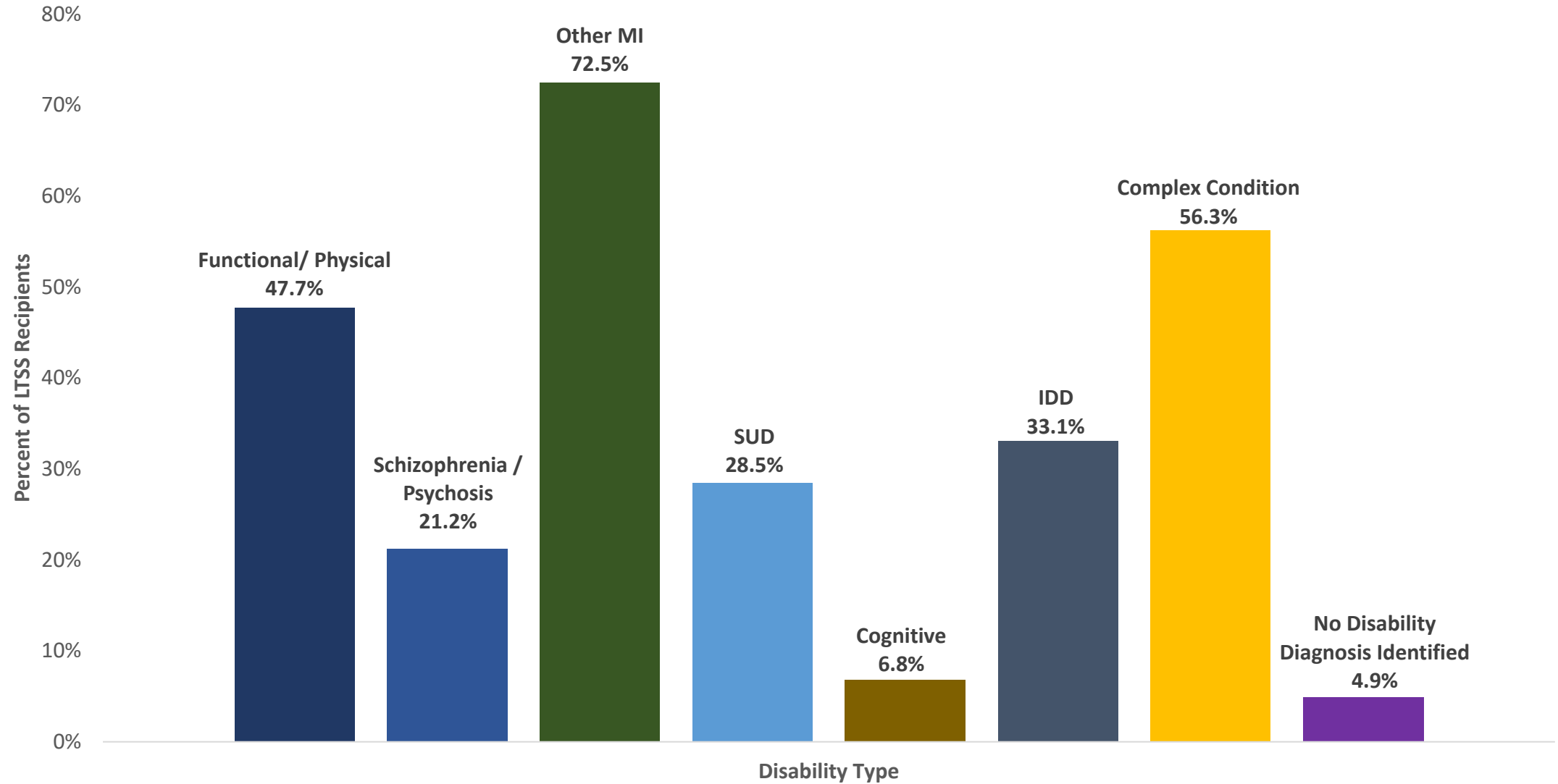


Note: As an example of how to interpret this chart – of the total number of beneficiaries not receiving LTSS (LTSS non-recipients), 13.9% are Hispanic. Of the total number of beneficiaries receiving LTSS (LTSS recipients), 7.2% are Hispanic.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 34

## Washington State LTSS Recipients Ages 18-64 Prevalence of Disability Categories

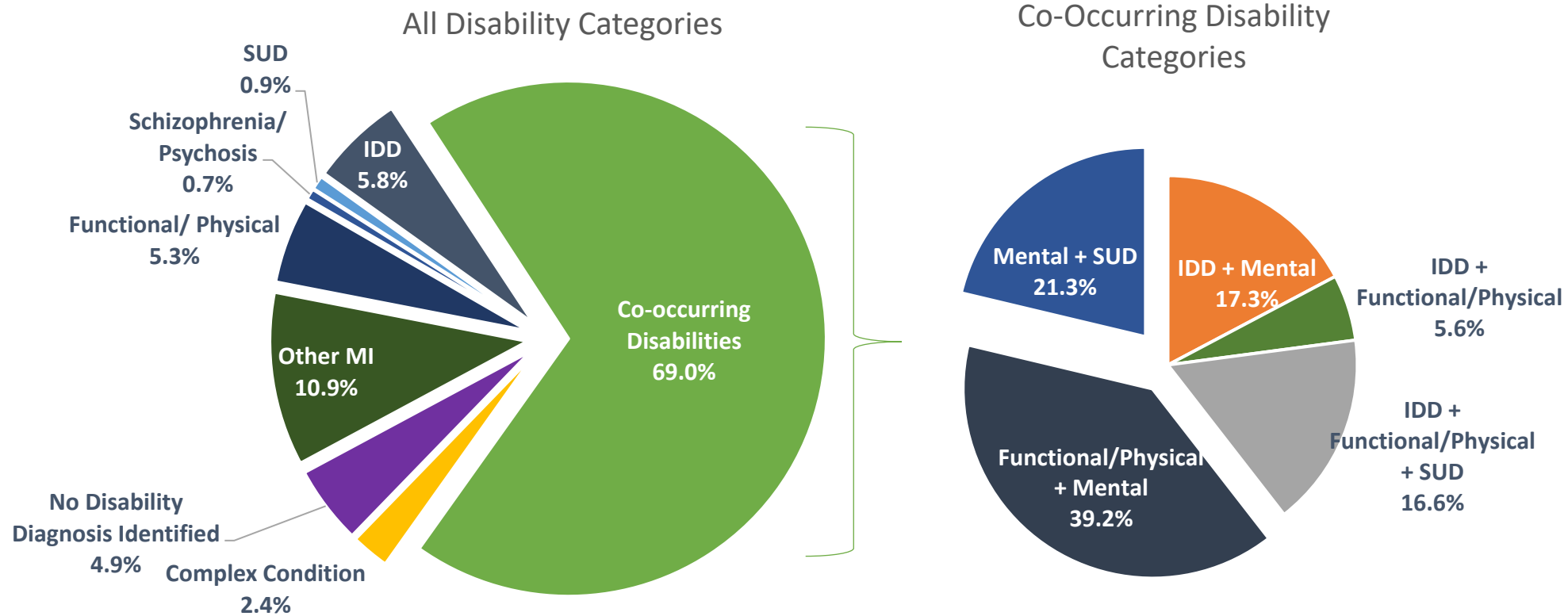


Note: Beneficiaries may be counted in more than one disability category.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 35

## Washington State LTSS Recipients Ages 18-64 with a Single and Co-Occurring Disability Category Percentage with Each Disability Category

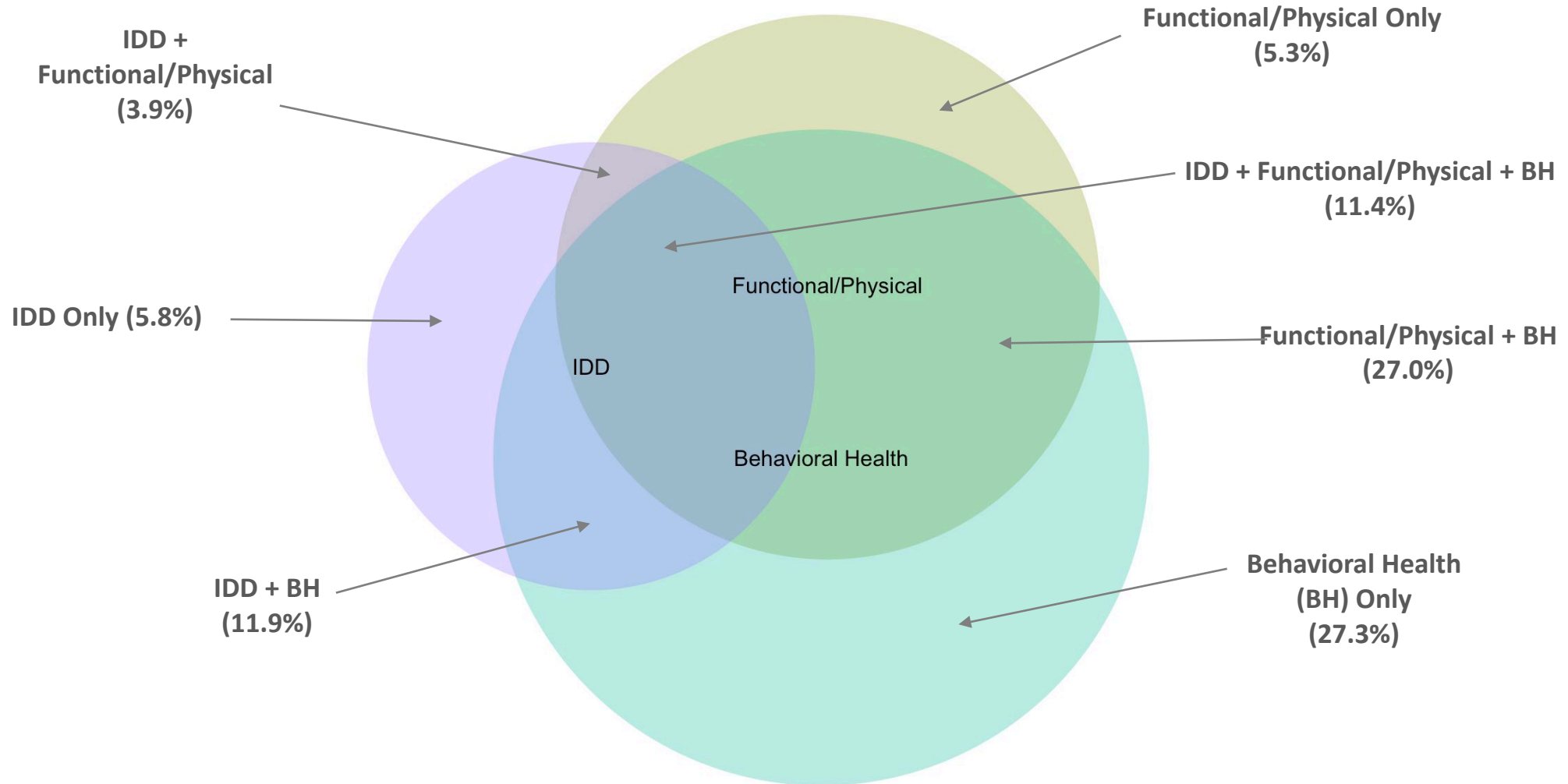


Note: Beneficiaries are counted in only one disability category (i.e., categories are mutually exclusive).

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 36

## Washington State LTSS Recipients Ages 18-64 by Disability and Co-Occurring Disability Category



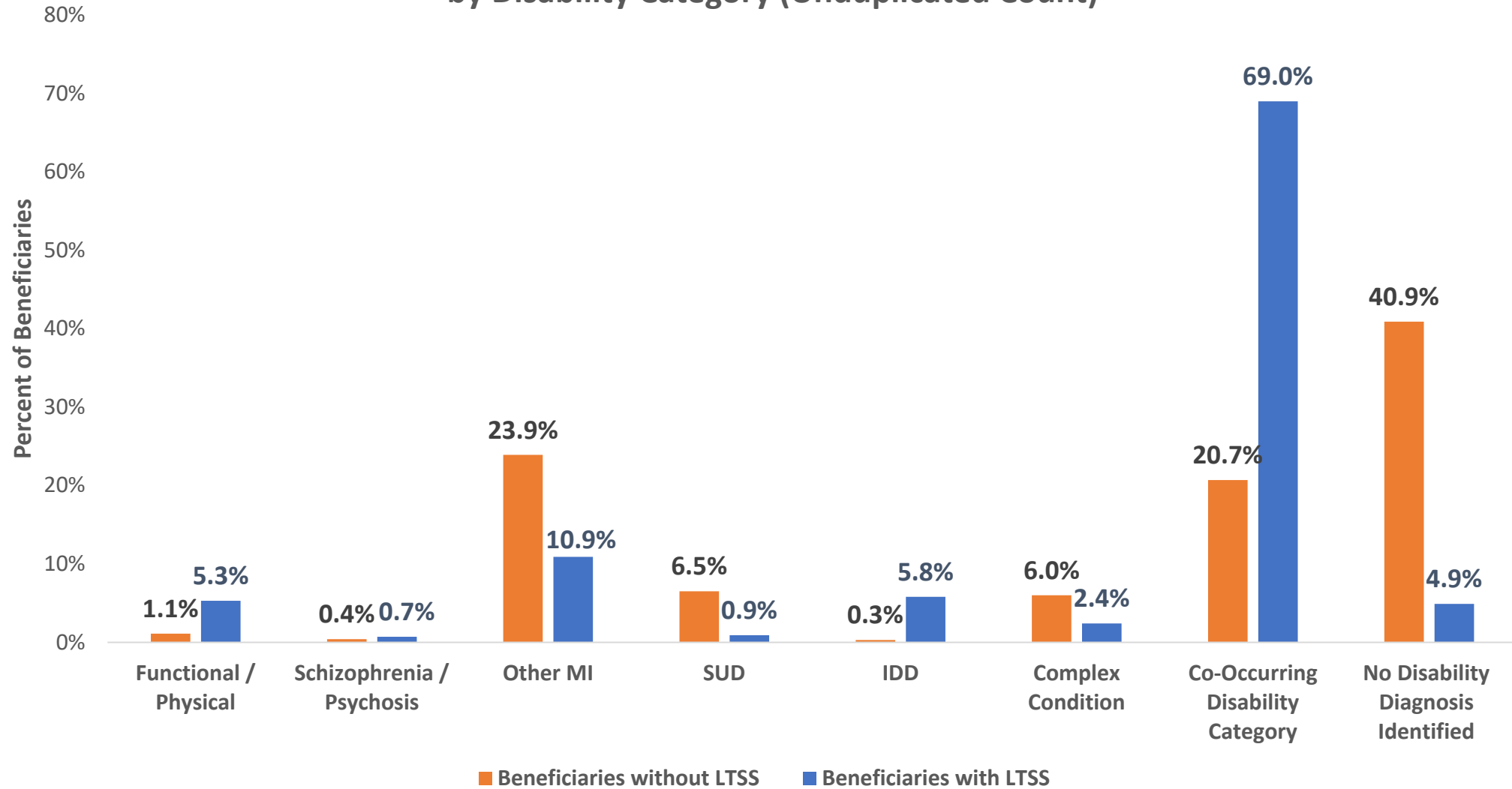
### Notes:

- (1) Mental Health and SUD are combined into a single Behavioral Health (BH) category for purposes of simplifying this representation.
- (2) This visual representation of the overlap of co-occurring disabilities is not exactly proportional due to geometric constraints.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 37

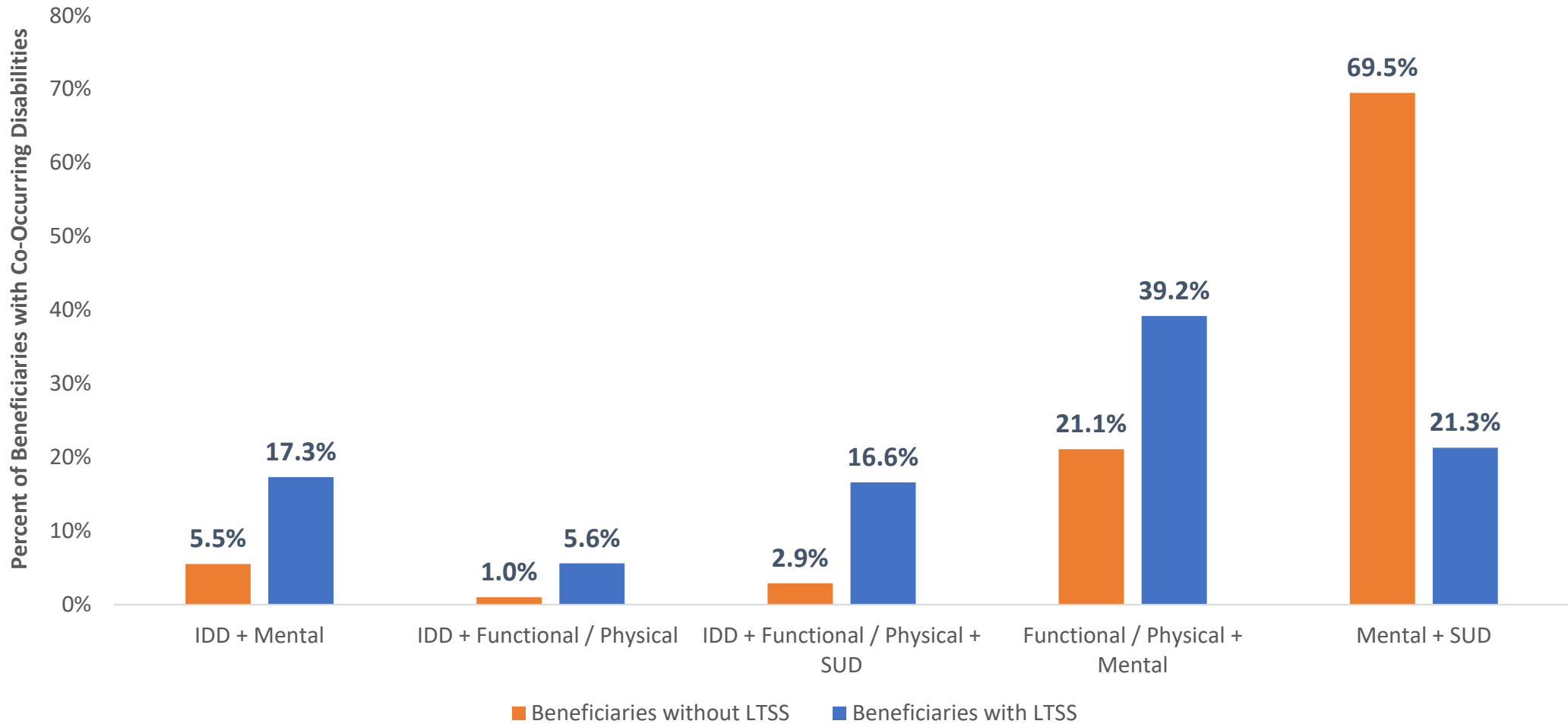
## Washington State Medicare and/or Medicaid Beneficiaries Ages 18-64 Distribution of Beneficiaries With and Without LTSS Receipt by Disability Category (Unduplicated Count)



Source: Washington State Combined Medicare-Medicaid Files, CY 2018  
Total Beneficiaries Ages 18-64 with LTSS Receipt = 39,398  
Total Beneficiaries Ages 18-64 without LTSS Receipt = 973,692

# Slide 38

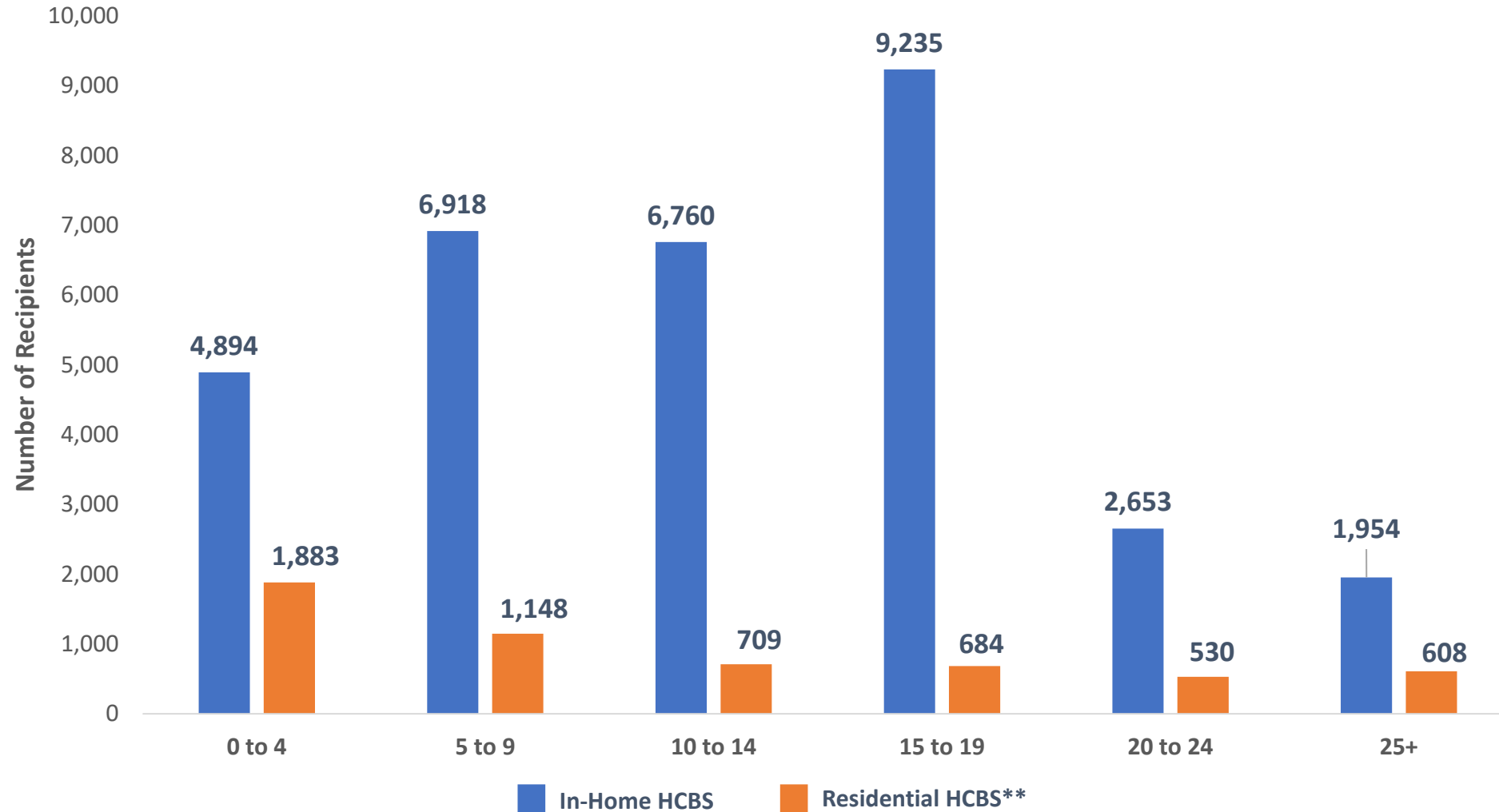
## Washington State Medicare and/or Medicaid Beneficiaries Ages 18-64 Distribution of Beneficiaries with Co-Occurring Disabilities With and Without LTSS Receipt by Disability Category (Unduplicated Count)



Source: Washington State Combined Medicare-Medicaid Files, CY 2018  
Total Beneficiaries with LTSS Receipt with a Co-Occurring Disability = 27,195  
Total Beneficiaries without LTSS Receipt with a Co-Occurring Disability = 201,585

# Slide 39

## Washington State In-Home and Residential HCBS Recipients Age 18-64 Number of Recipients by ADL Score



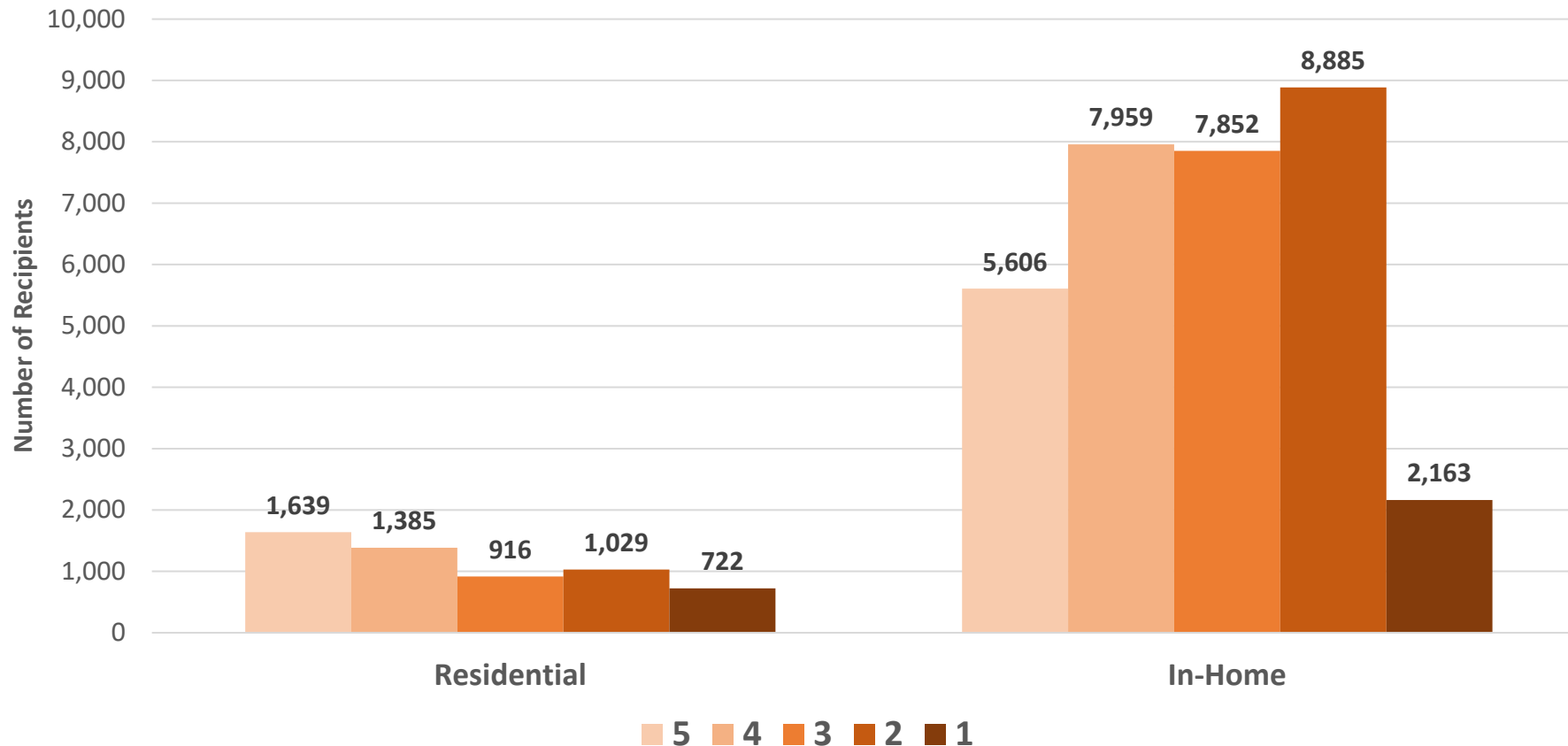
Note: \*\*Linked assessment data were available for only 31 percent of DDA residential clients.

Source: Washington State CARE Assessment Data (last available assessment at end of 2018)



# Slide 40

## Washington State In-Home and Residential LTSS Recipients Age 18-64 Number of Recipients<sup>1</sup> by CARE Acuity Group<sup>2</sup>



**Notes:**

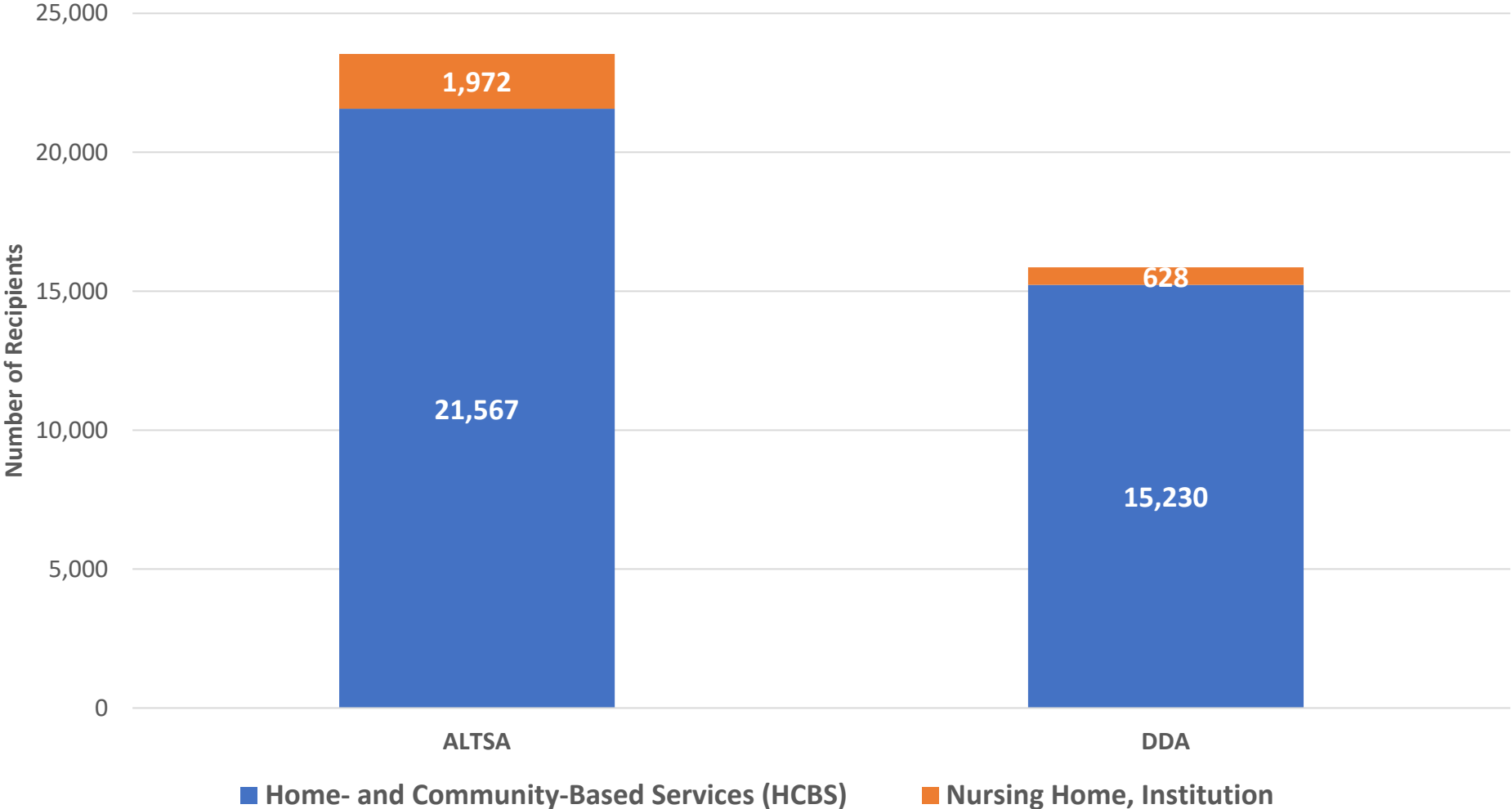
(1) Recipients are both ALTA and DDA in-home and residential clients. Data are available for only 31% of DDA Residential clients.

(2) CARE Acuity Groups range from 5 (lowest acuity) to 1 (highest acuity).

Source: Washington State CARE Assessment Data (last available assessment at end of 2018)

# Slide 41

## Washington State LTSS Recipients Age 18-64 by Setting of Care



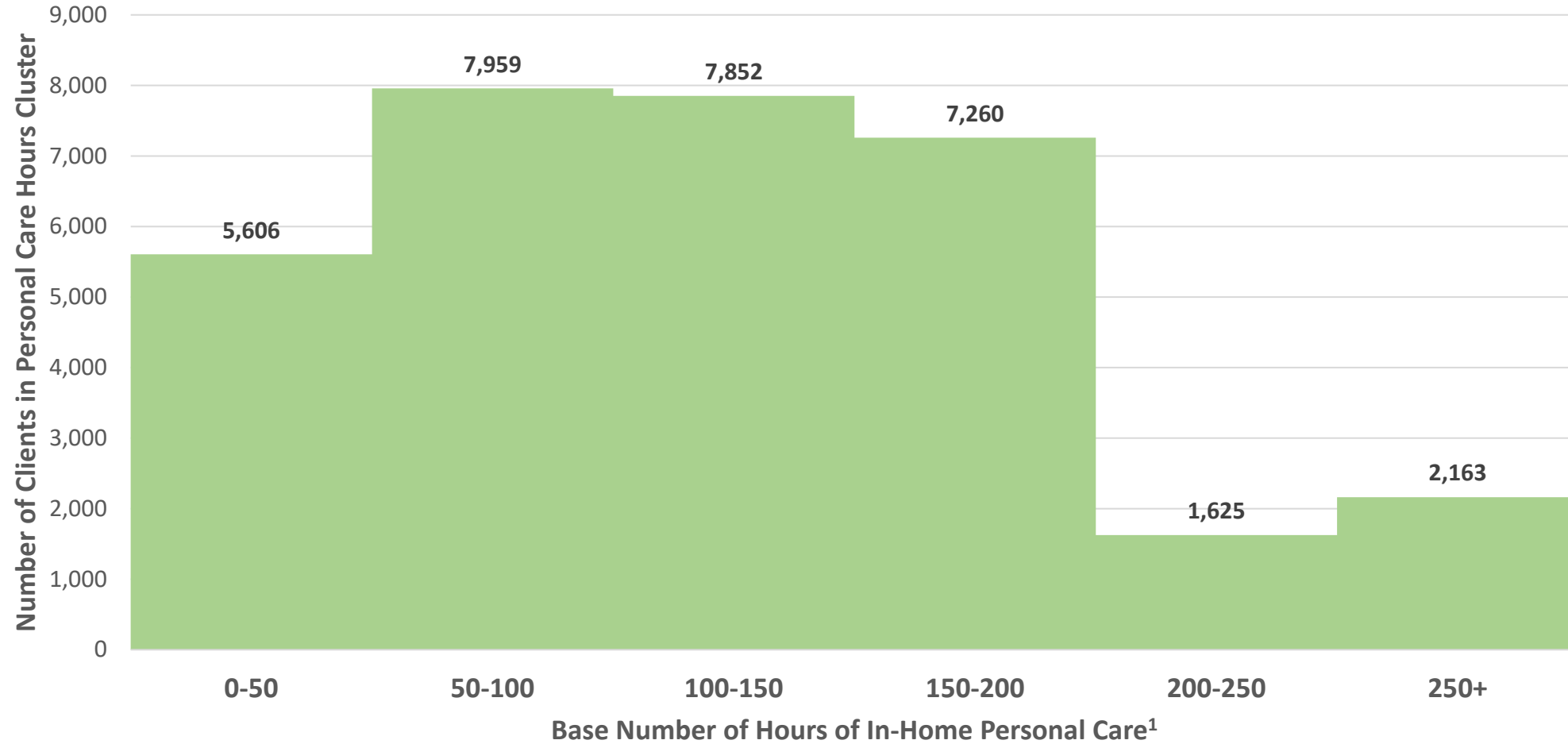
Note: Recipients are both ALTA and DDA in-home and residential clients. Data are available for only 31% of DDA Residential clients.

Source: Washington State CARE Assessment Data (last available assessment at end of 2018)



# Slide 42

## Washington State LTSS Recipients Age 18-64 Number of In-Home Clients by Base In-Home Hours of Personal Care per Month

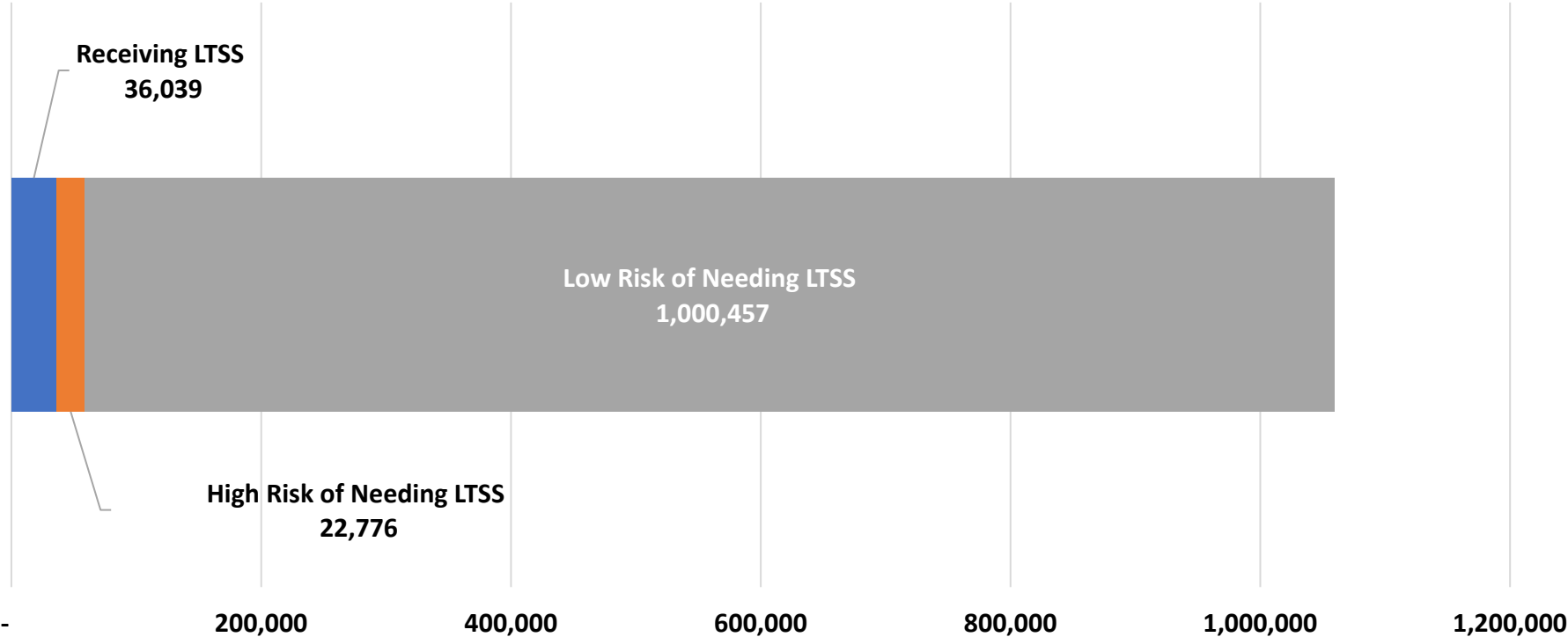


Note: Base # of hours are the starting point – based on assessed acuity - in determining the hours of care provided. Base hours may be reduced to account for support from unpaid caregiving or may be increased to assist clients with exceptional needs.

Source: Washington State CARE Assessment Data (last available assessment at end of 2018)

# Slide 43

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 By Receipt of LTSS or Risk of Needing LTSS

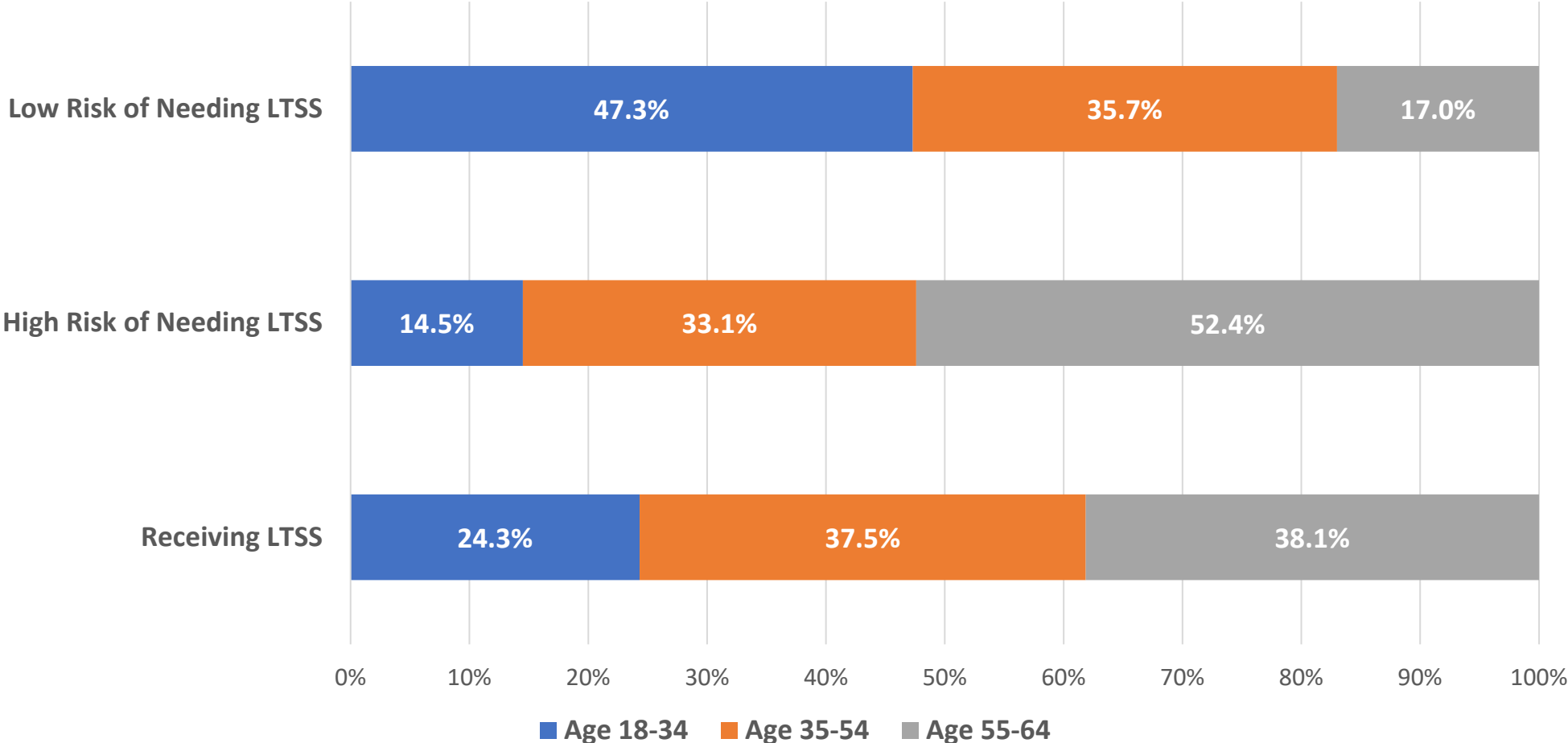


Source: Washington State Combined Medicare-Medicaid Files, CY 2018



# Slide 44

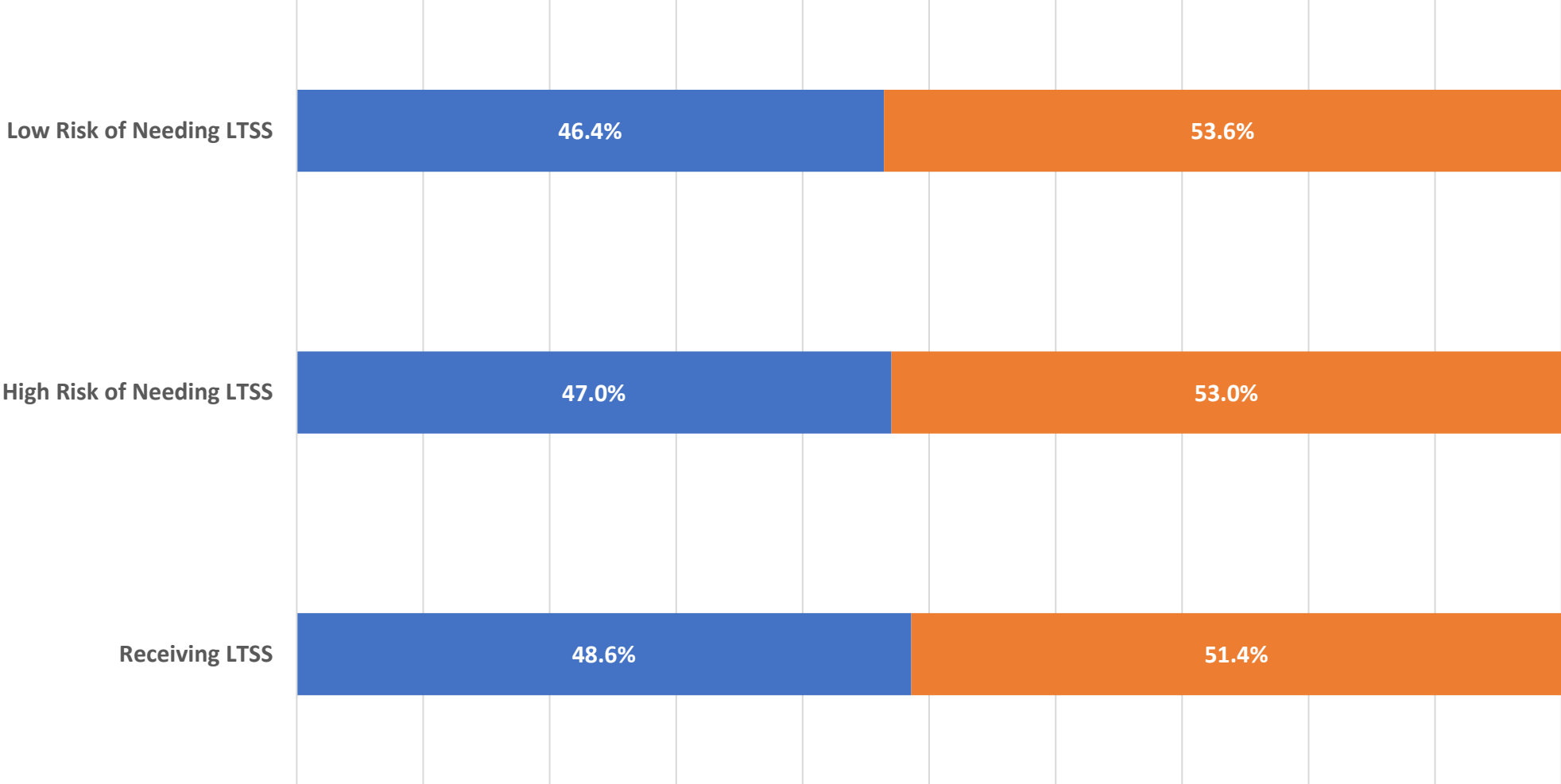
## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 By Receipt of LTSS or Risk of Needing LTSS By Age Group



Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 45

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 By Receipt of LTSS or Risk of Needing LTSS By Gender



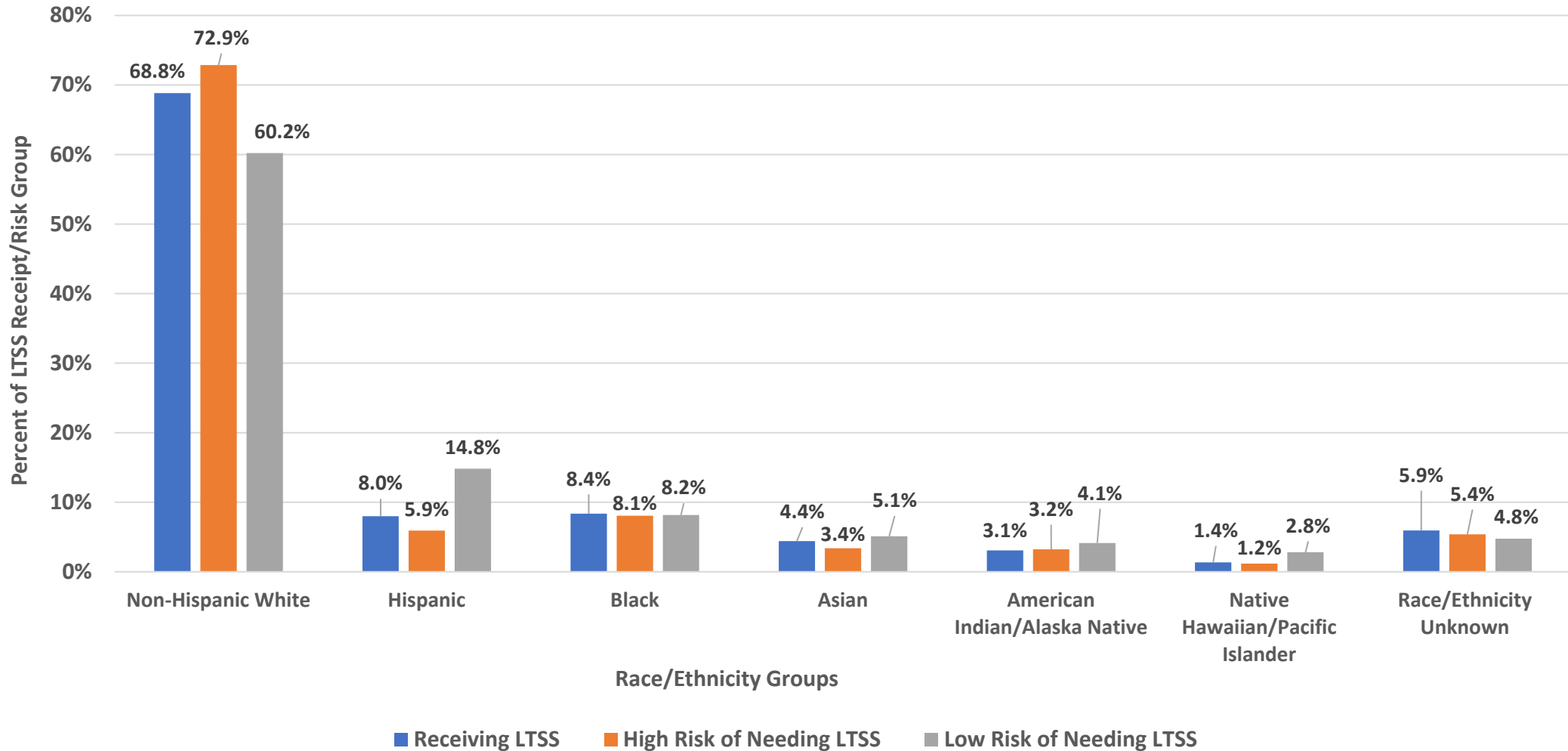
■ Male ■ Female

Source: Washington State Combined Medicare-Medicaid Files, CY 2018



# Slide 46

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 Distribution of Beneficiaries in Group Receiving LTSS or At Risk of Needing LTSS By Race/Ethnicity

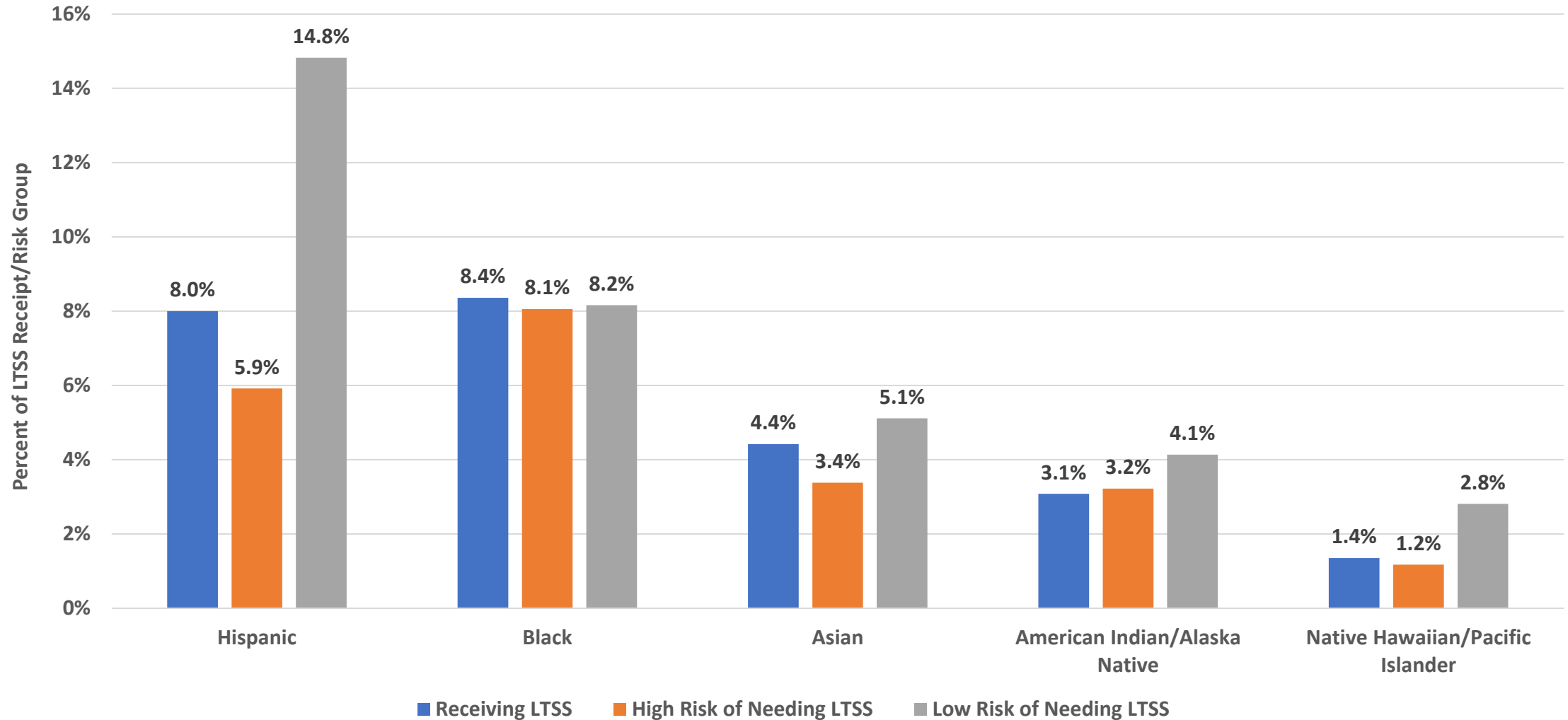


Note: As an example of how to interpret this chart – of the total number of current LTSS recipients, 68.8% are Non-Hispanic White.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 47

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 Distribution of Beneficiaries in Group Receiving LTSS or At Risk of Needing LTSS By Race/Ethnicity (Excluding Non-Hispanic White)



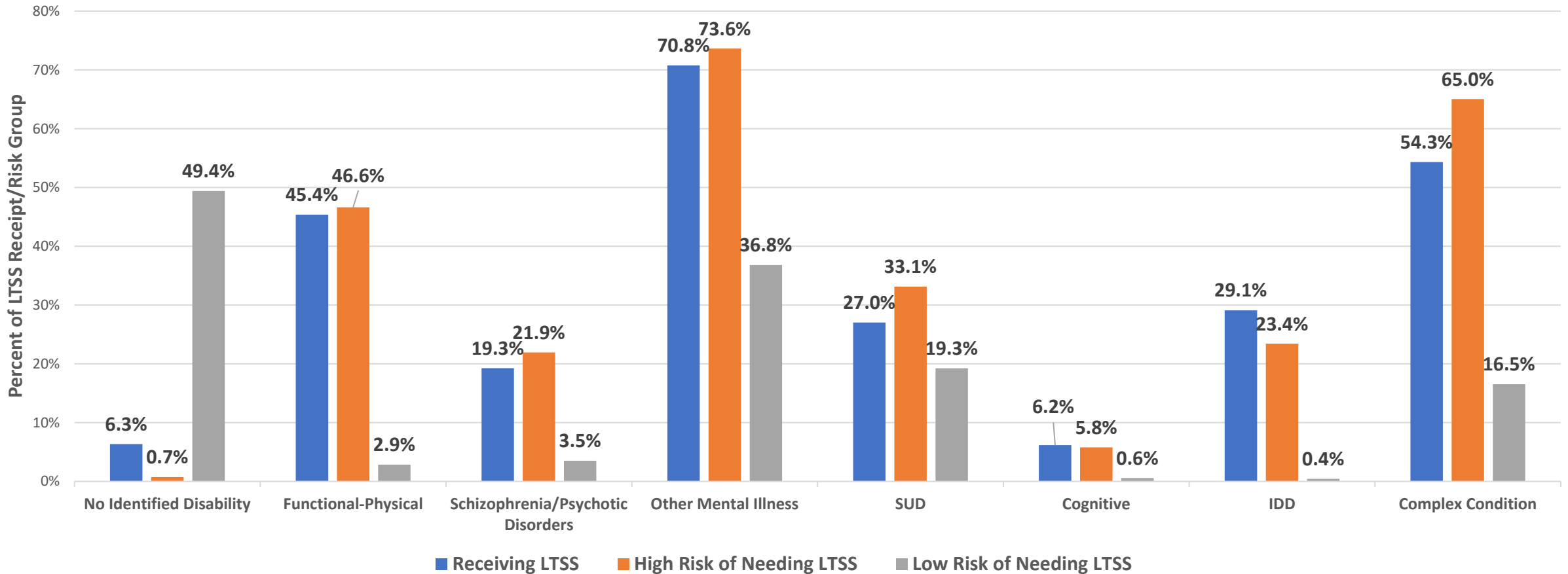
Note: As an example of how to interpret this chart – of the total number of current LTSS recipients, 8.0% are Hispanic.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018



# Slide 48

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 Prevalence of Disability Category (Duplicated Count) for Those Receiving or At Risk of Needing LTSS

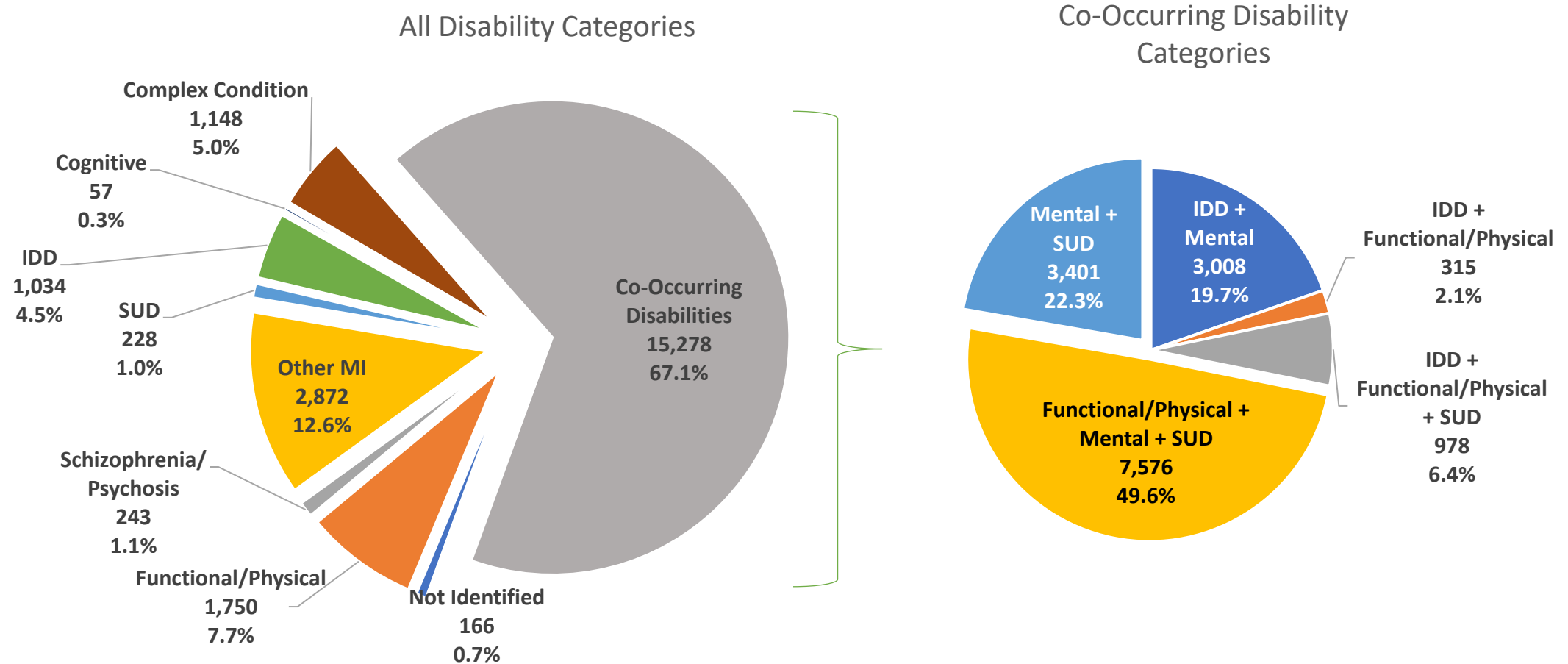


Note: As an example of how to interpret this chart – of the total number of current LTSS recipients, 45.4% have a functional/physical disability

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

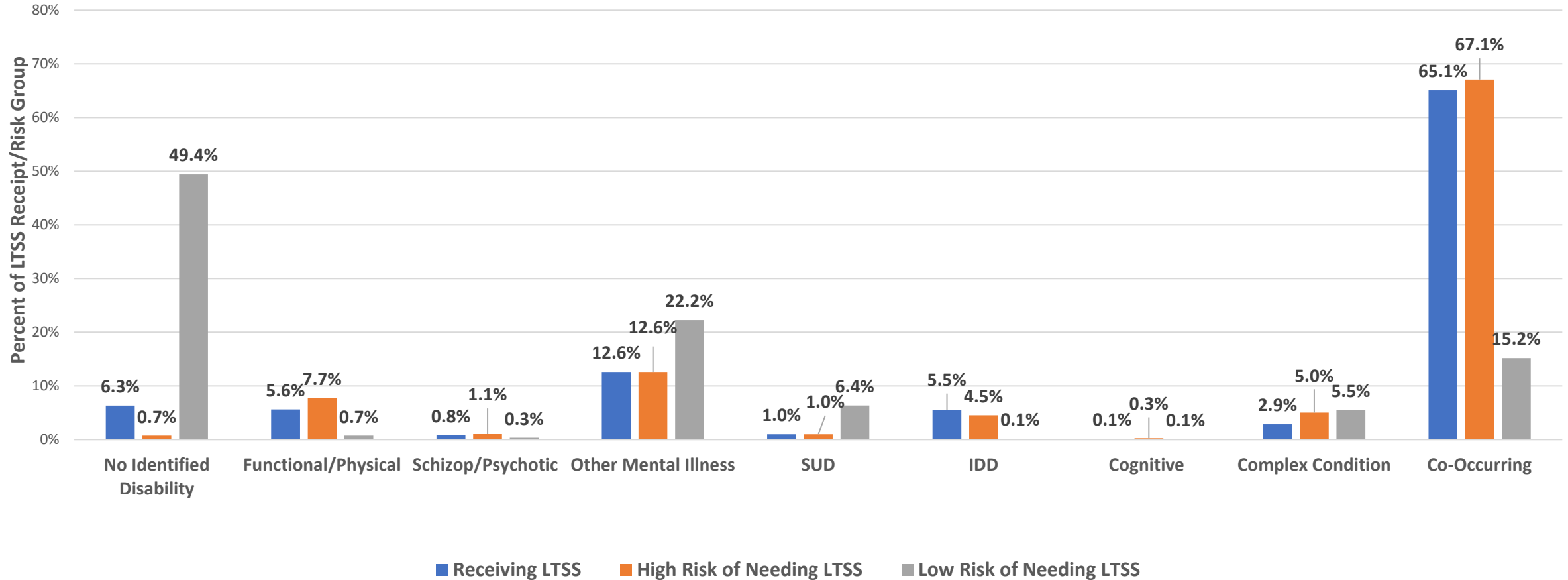
# Slide 49

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 At High Risk of Needing LTSS with a Single and Co-Occurring Disability Category Percentage with Each Disability Category



# Slide 50

## Washington State Medicare and/or Medicaid Beneficiaries Age 18-64 Distribution of Group Receiving LTSS or At Risk of Needing LTSS by Disability Type (Unduplicated Count)

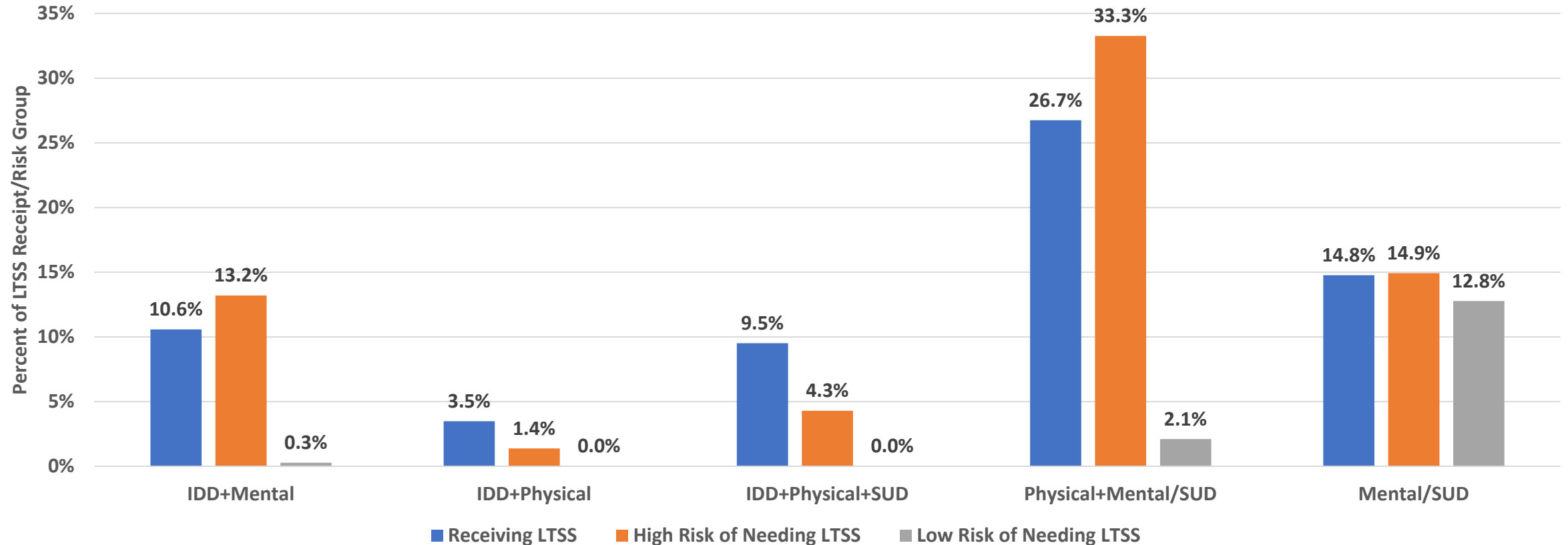


Note: As an example of how to interpret this chart – of the total number of current LTSS recipients, 5.6% have only a functional/physical disability.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

# Slide 51

## WA State Medicare and/or Medicaid Beneficiaries Age 18-64 Distribution of Group Receiving LTSS or At Risk of Needing LTSS by Co-Occurring Disability Category (Unduplicated Count)\*



- Notes:
- (1) This chart displays a subset of the total group receiving LTSS or at risk of needing LTSS with specific co-occurring conditions (i.e., the total n is the total group receiving LTSS or at risk of needing LTSS, not only those with co-occurring disabilities).
  - (2) As an example of how to interpret this chart – of the total number of current LTSS recipients, 10.6% have co-occurring IDD+Mental Health disabilities.

Source: Washington State Combined Medicare-Medicaid Files, CY 2018

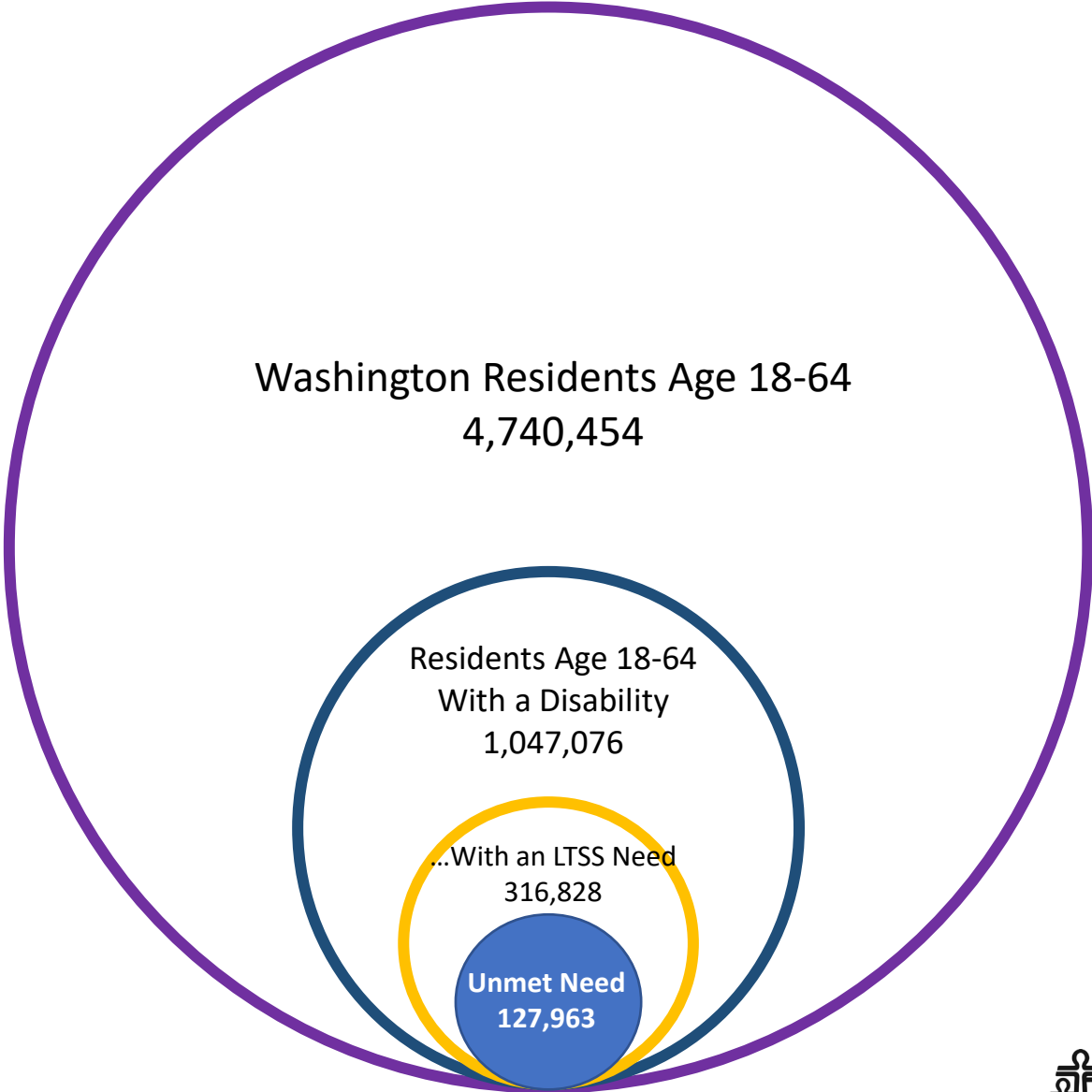
# Appendix





# Slide 53

## Disability, LTSS Need, and Unmet Need Among Washington State Residents Age 18-64

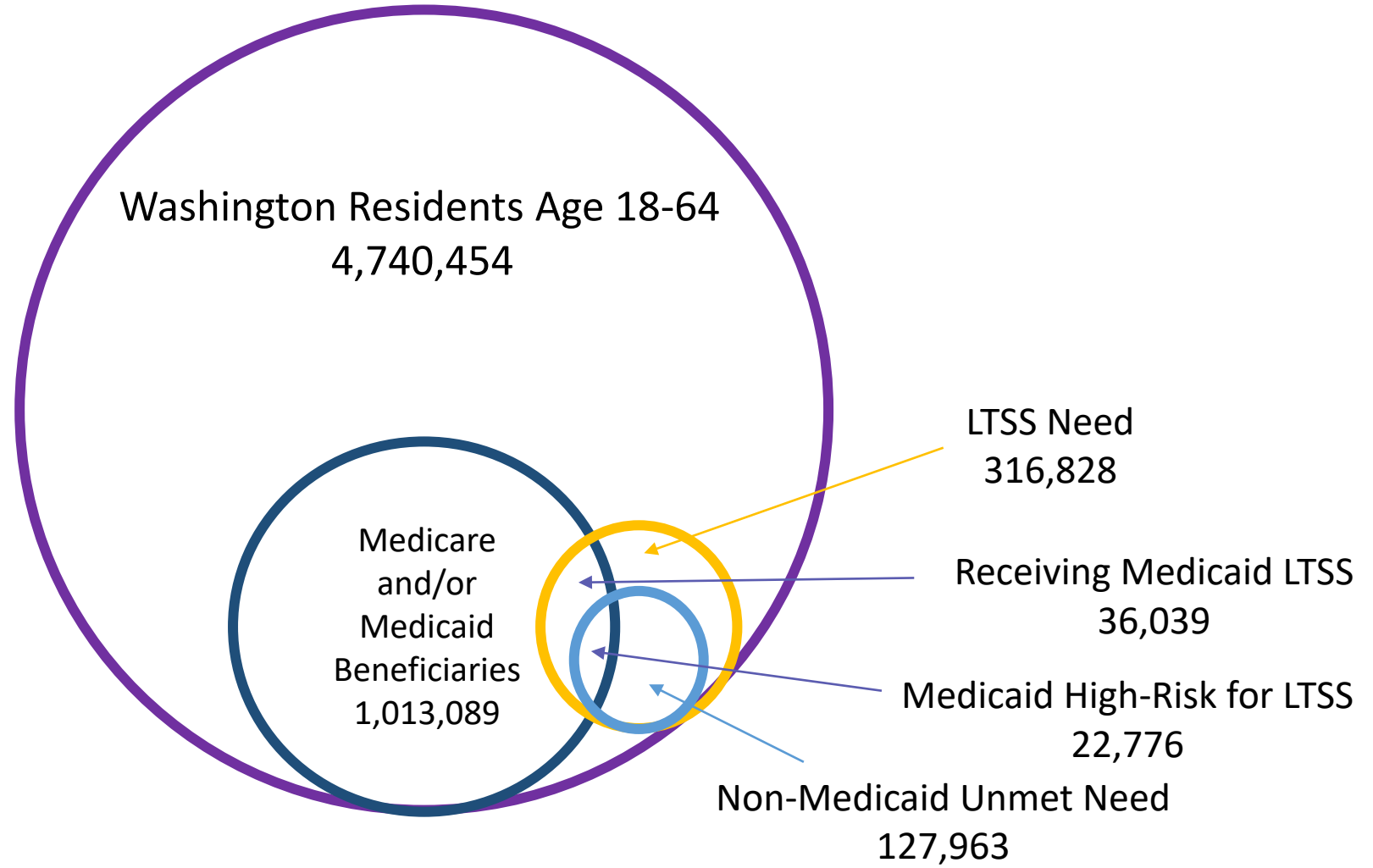


Source: BRFSS Survey 2021, Washington State Survey and LTSS Supplement



# Slide 54

## Medicare and/or Medicaid Beneficiaries, LTSS Need and Receipt, Unmet Need, and Predicted LTSS Need Among Washington State Residents Age 18-64



Sources: BRFSS Survey 2021, Washington State Survey and LTSS Supplement  
Washington State Combined Medicare-Medicaid Files, CY 2018