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# Oregon Behavioral Risk Factors Surveillance System (BRFSS)

Oregon Partnership for Cancer Control

September 25, 2013  
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OREGON PUBLIC HEALTH DIVISION  
Health Promotion and Chronic Disease Prevention Section

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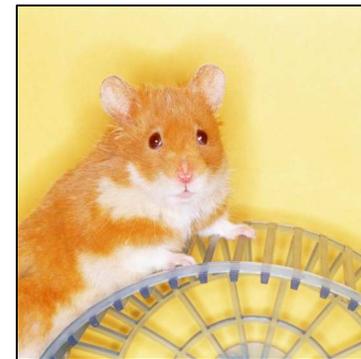
# What is Oregon BRFSS?

- The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing random-digit dialed telephone survey of adults concerning health conditions and health-related behaviors.
- The BRFSS was developed by the Centers for Disease Control and Prevention (CDC) and is conducted in all states in the United States.

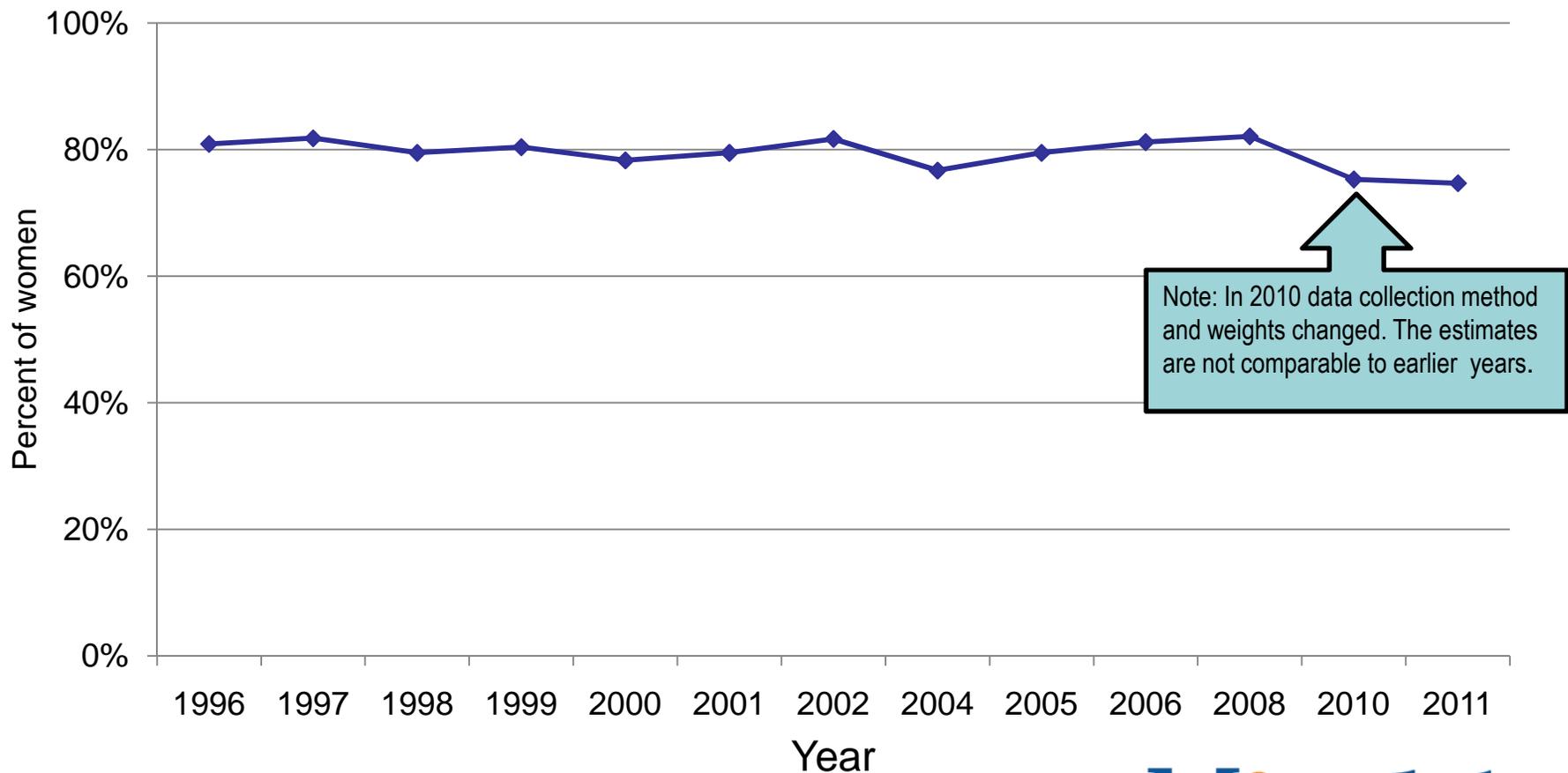


# Oregon Behavioral Risk Factor Surveillance System: Overview

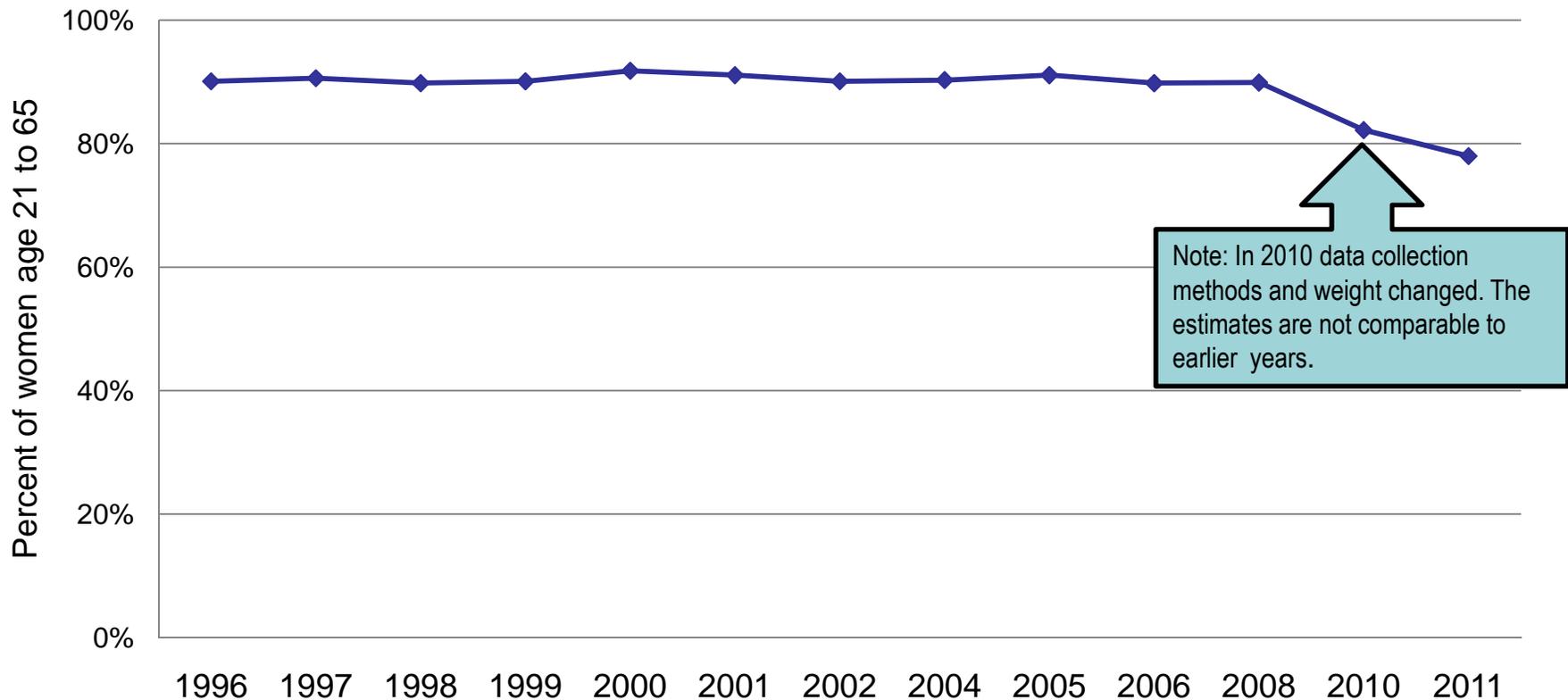
- BRFSS is an important source of information about health risk behaviors, preventive health practices, and health care access
- Data come from interviews of some adults in residential households each month (does not reach people in group settings)
- Ongoing since 1988 in Oregon
- Datasets are annualized



# Mammogram within past two years among women 50-74 year olds, Oregon, 1996 through 2011



# PAP test within past three years among women 21-65 years old with a cervix, Oregon, 1996 through 2011

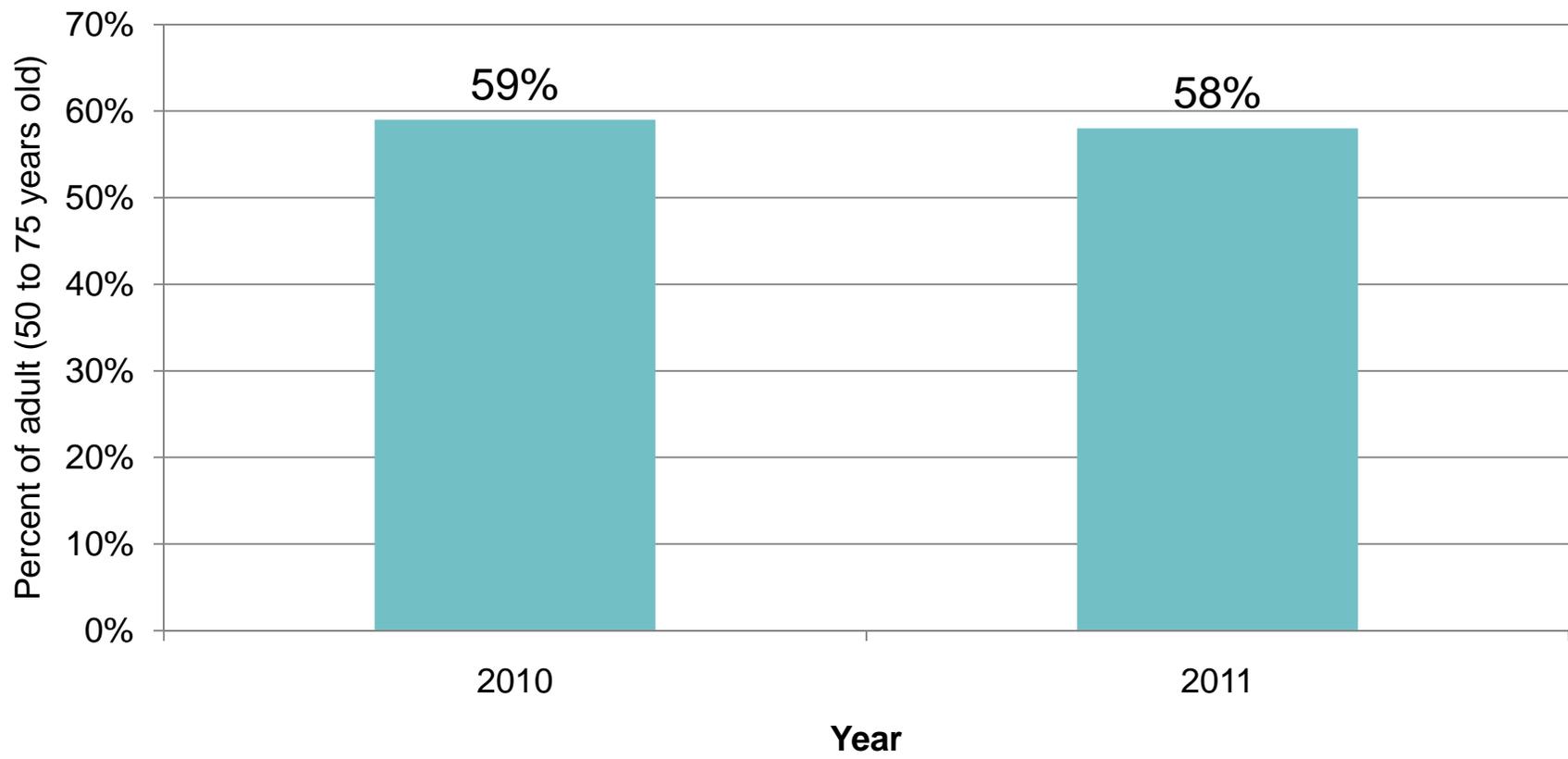


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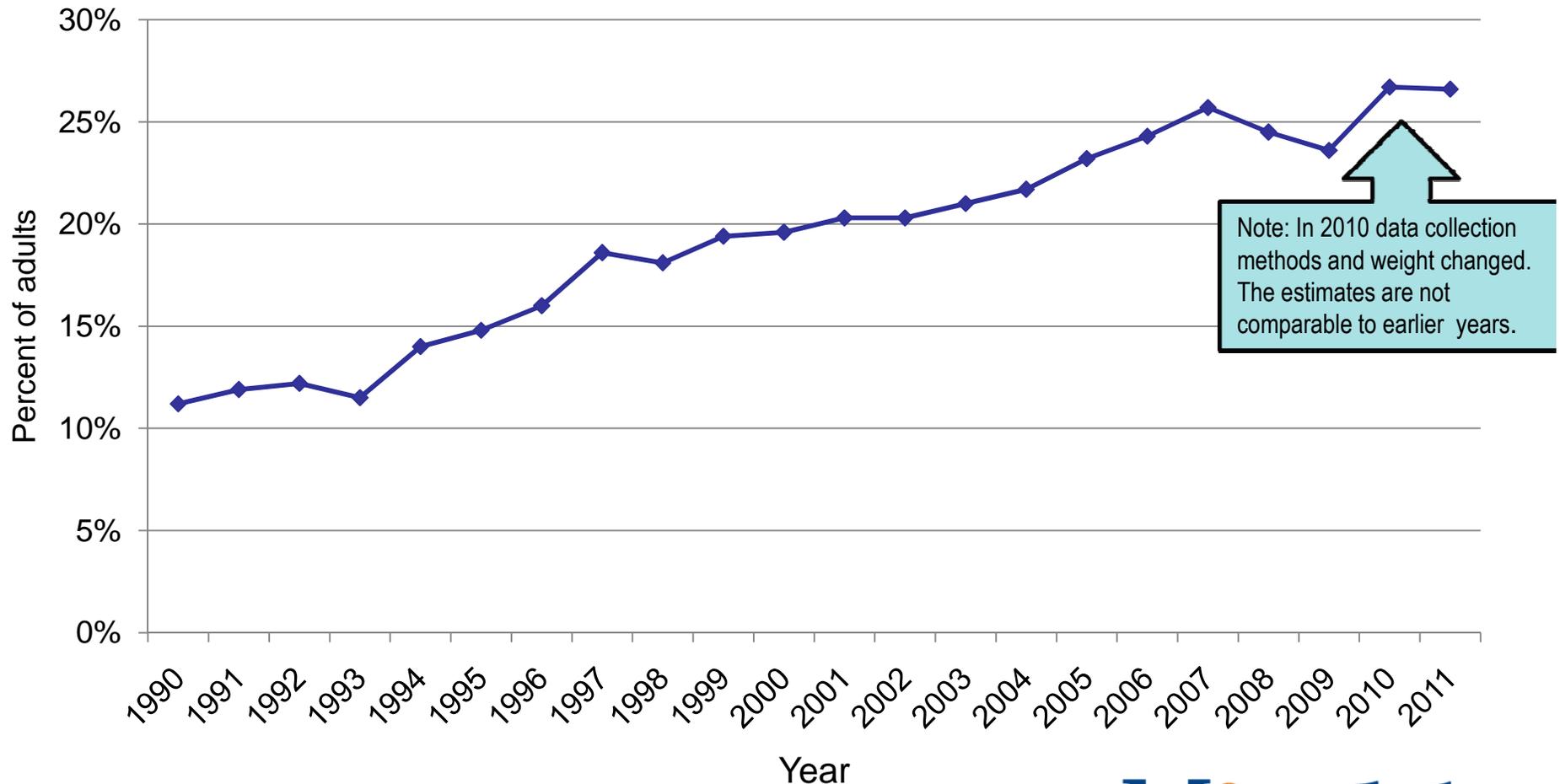


Note: Data are age-adjusted.

## Current on colorectal cancer screening among adults 50-75 years old, Oregon, 2010 and 2011



# Obesity among adults, Oregon, 1990 through 2011

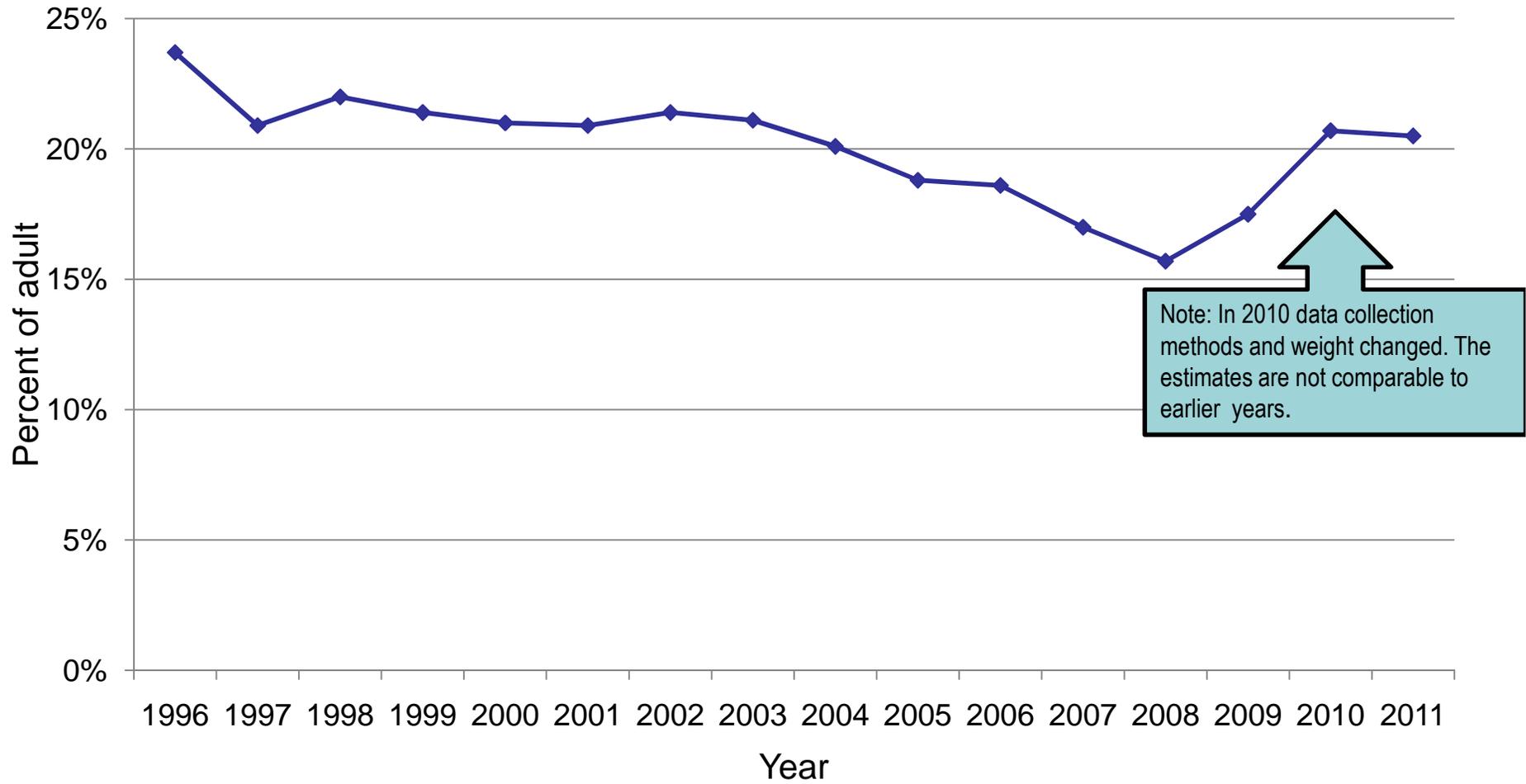


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Note: Data are age-adjusted.

# Current cigarette smoking among adults, Oregon, 1996 through 2011



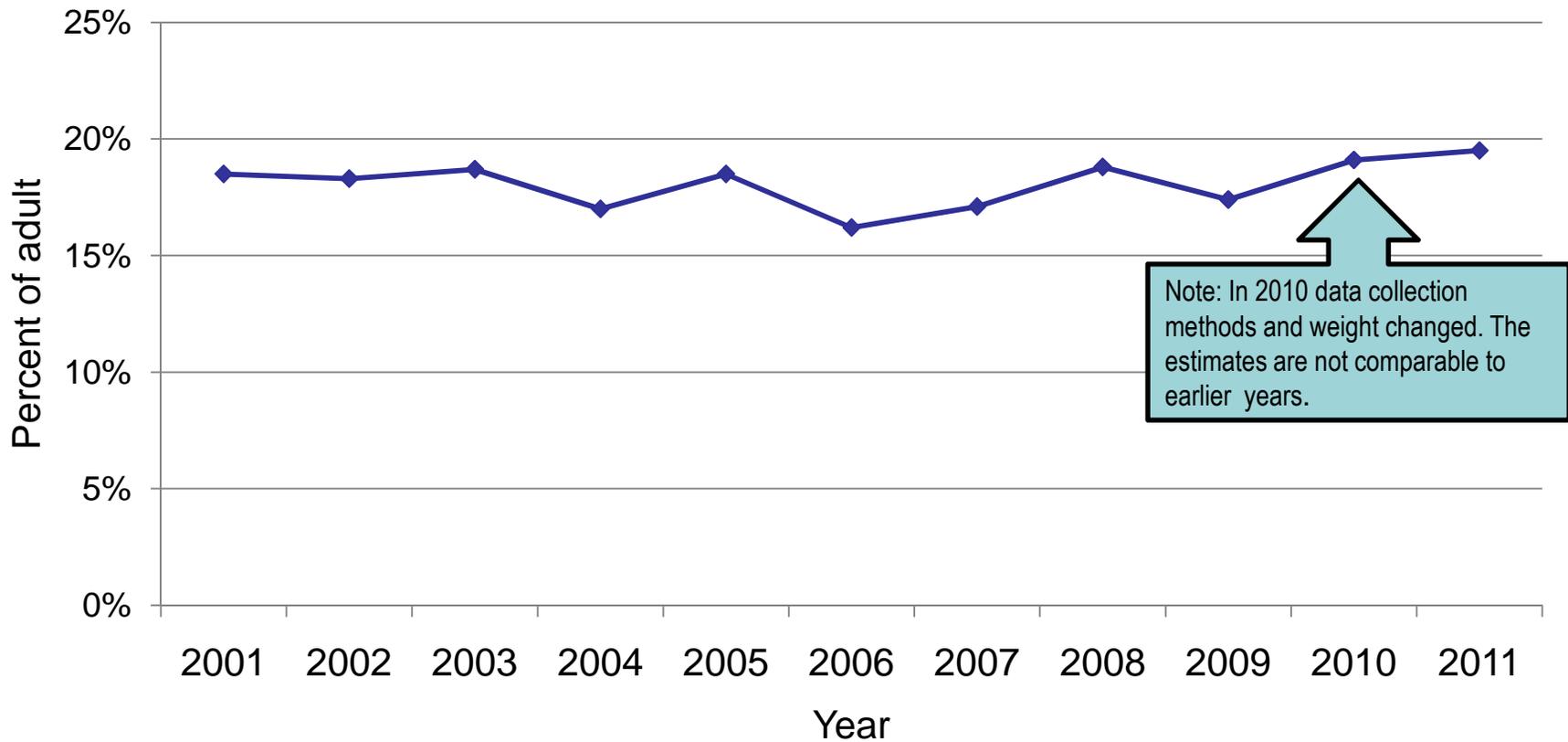
Note: In 2010 data collection methods and weight changed. The estimates are not comparable to earlier years.

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Note: Data are age-adjusted.

# No physical activity outside of work in past 30 days among adults, Oregon, 2001 through 2011

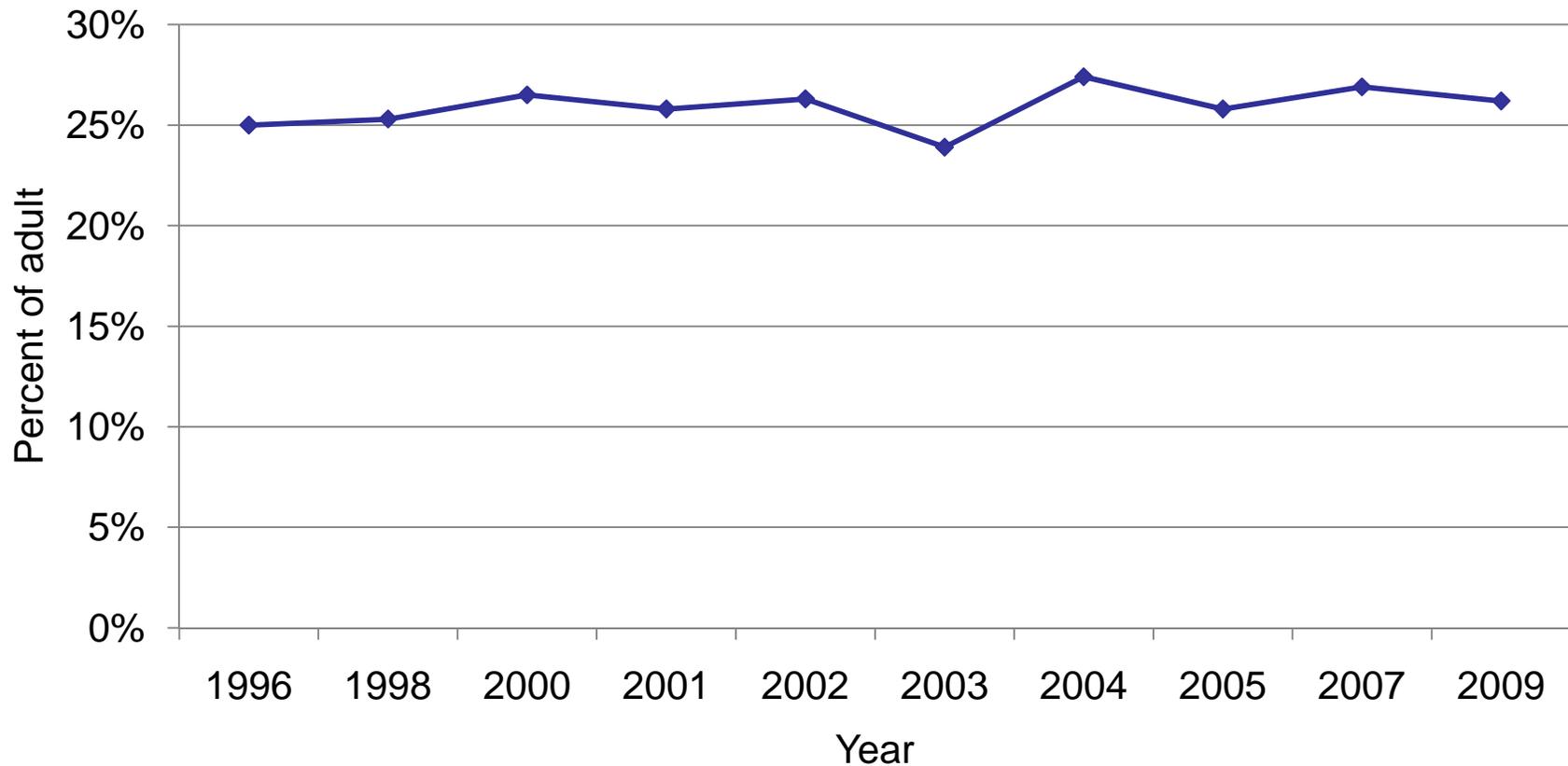


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Note: Data are age-adjusted.

## Five or more servings of fruits and vegetables per day among adults, Oregon, 1996 through 2009

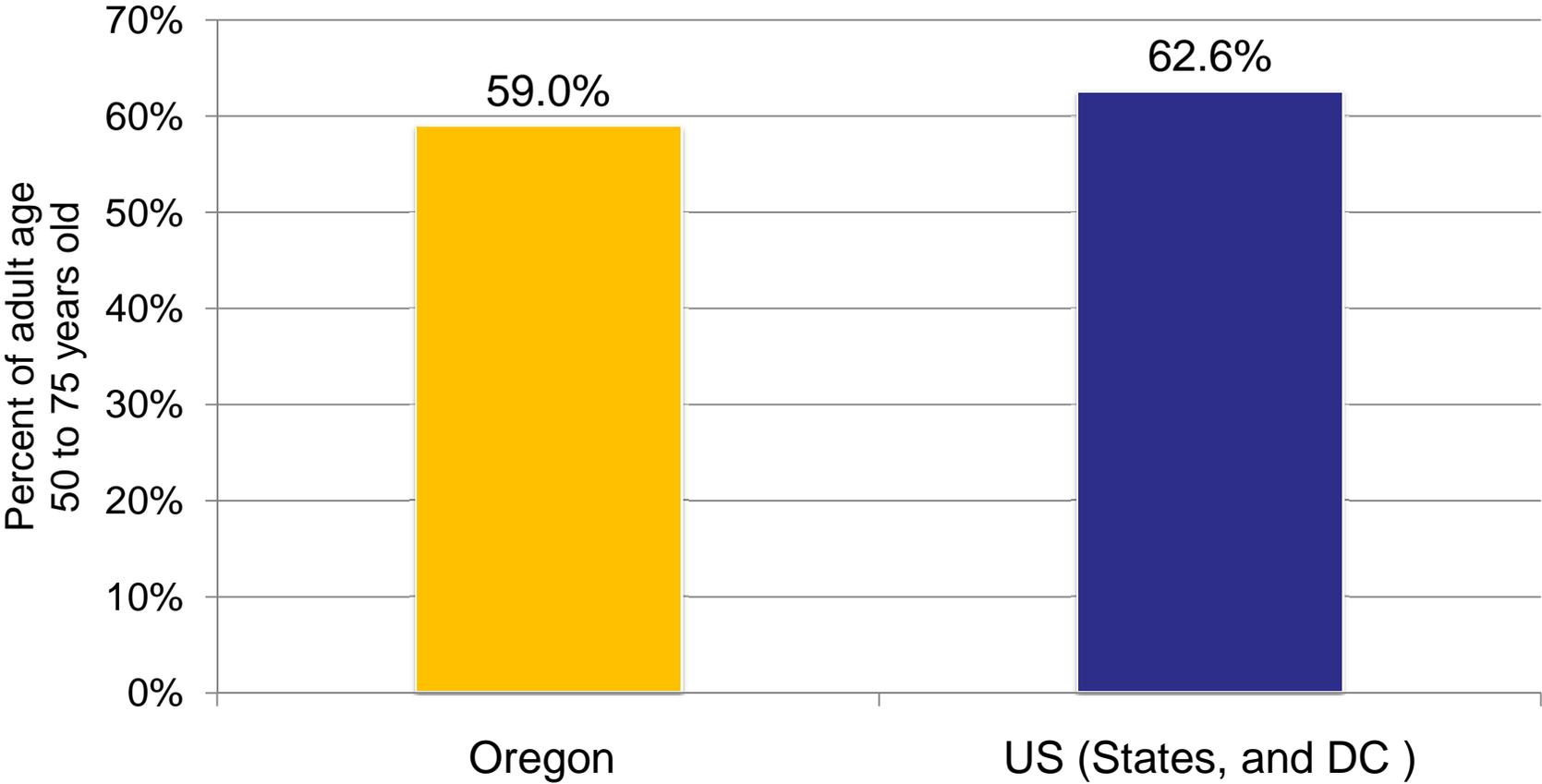


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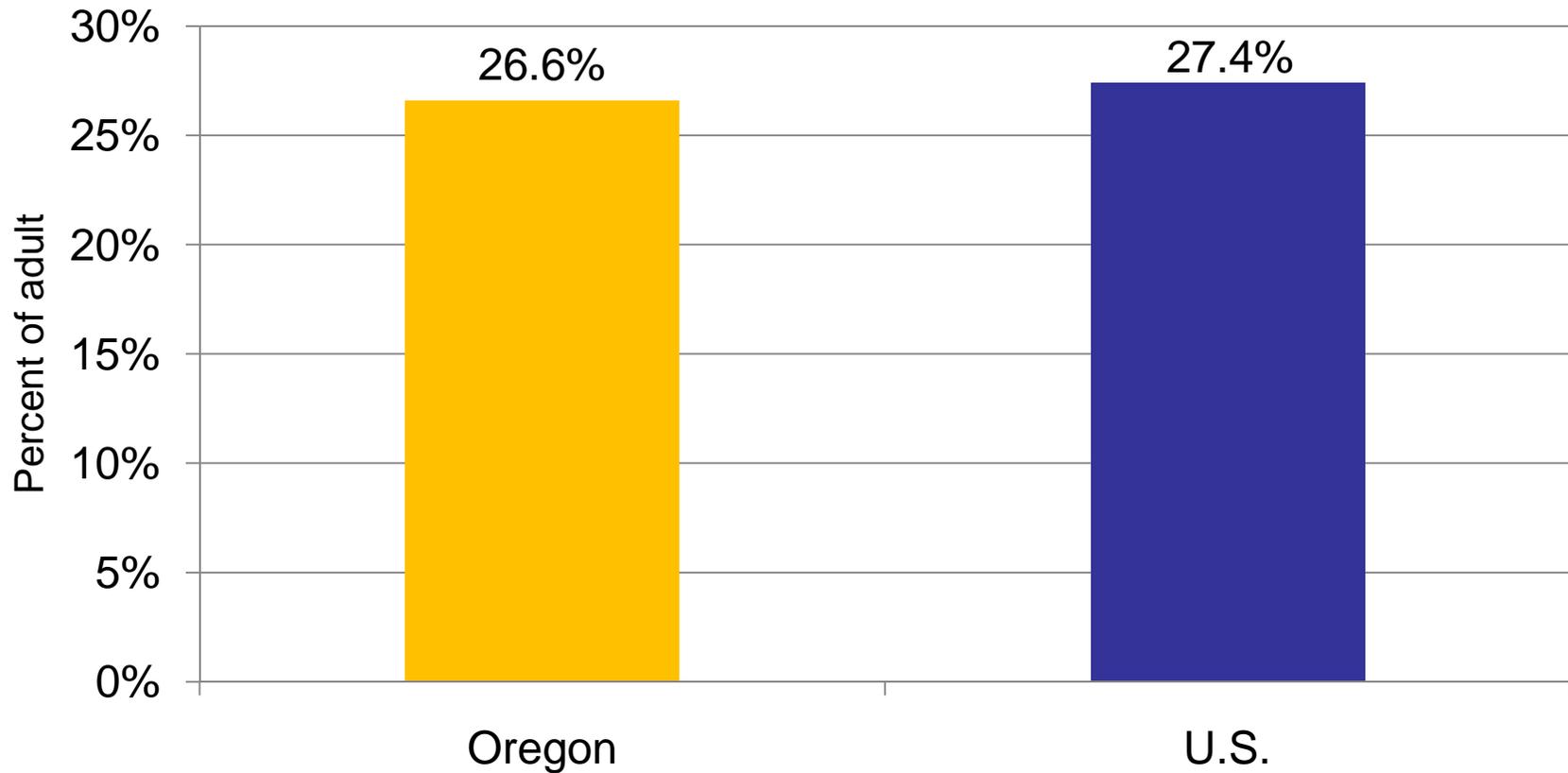
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Note: Data are age-adjusted.

# Current on colorectal cancer screening among adults 50-75 years old, Oregon and U.S., 2010



## Obesity among adults, Oregon and U.S., 2011

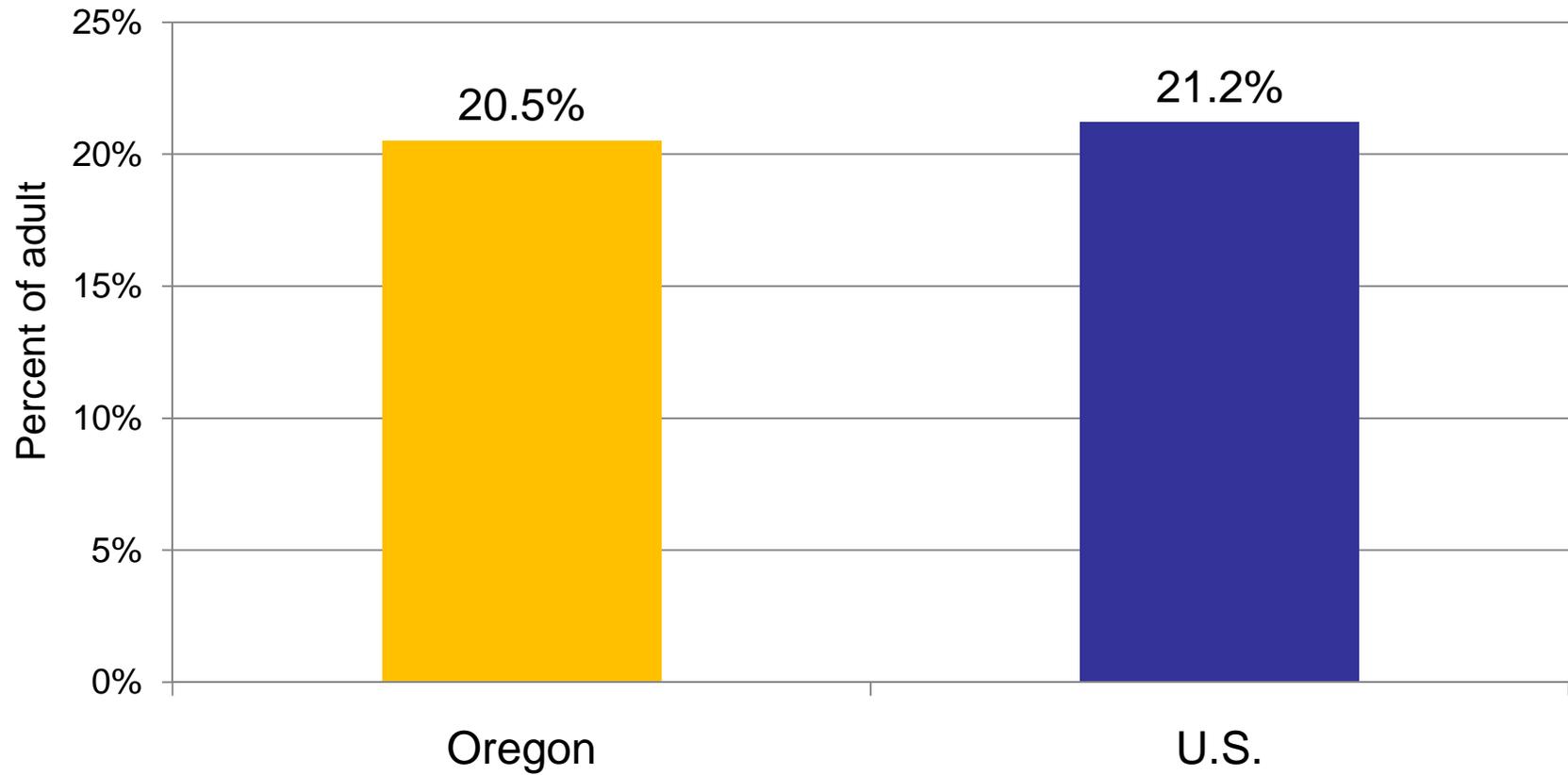


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Note: Data are age-adjusted.

# Current cigarette smoking among adults, Oregon and U.S., 2011

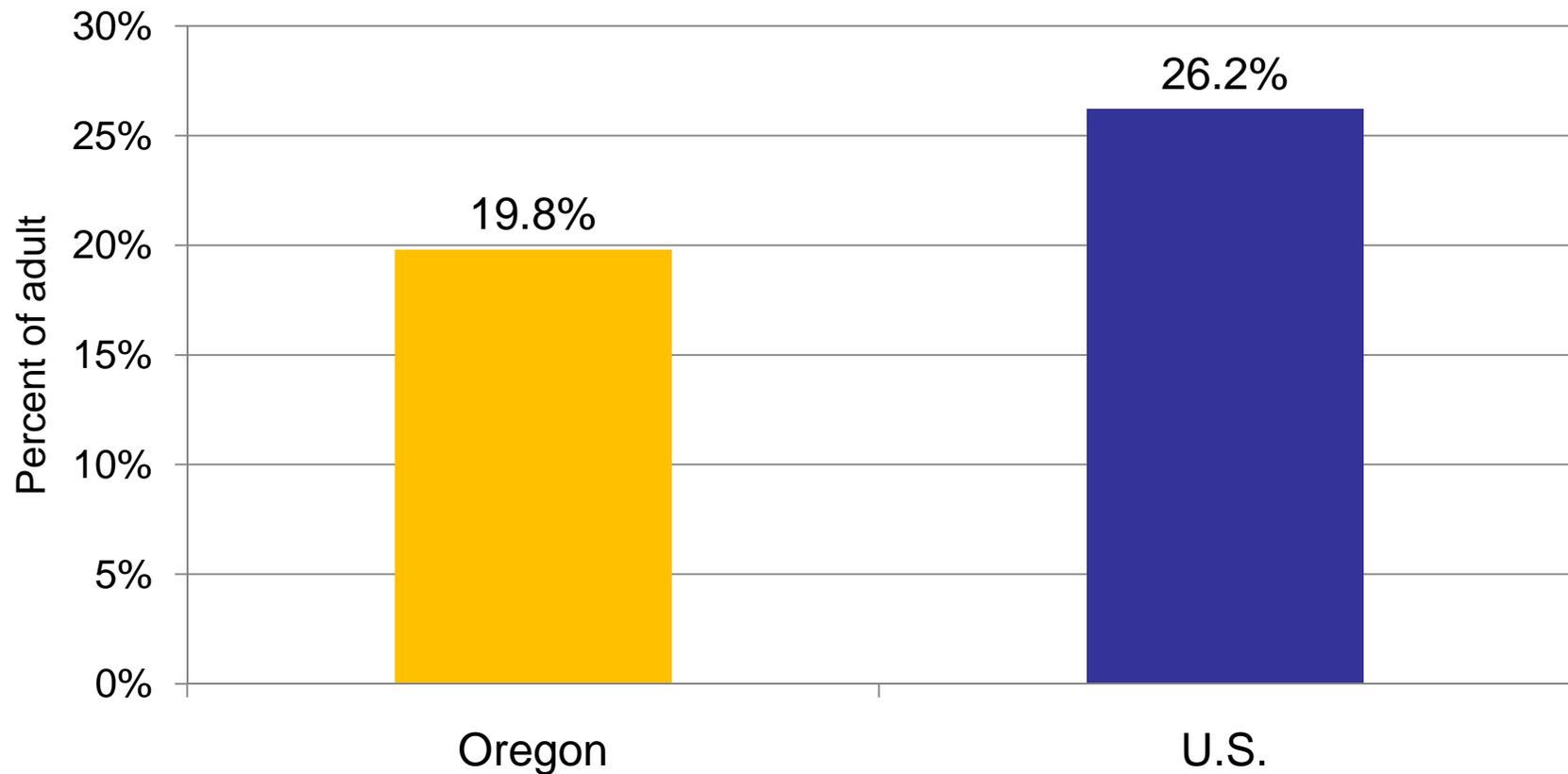


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Note: Data are age-adjusted.

## No physical activity outside of work in past 30 days among adults, Oregon and U.S., 2011

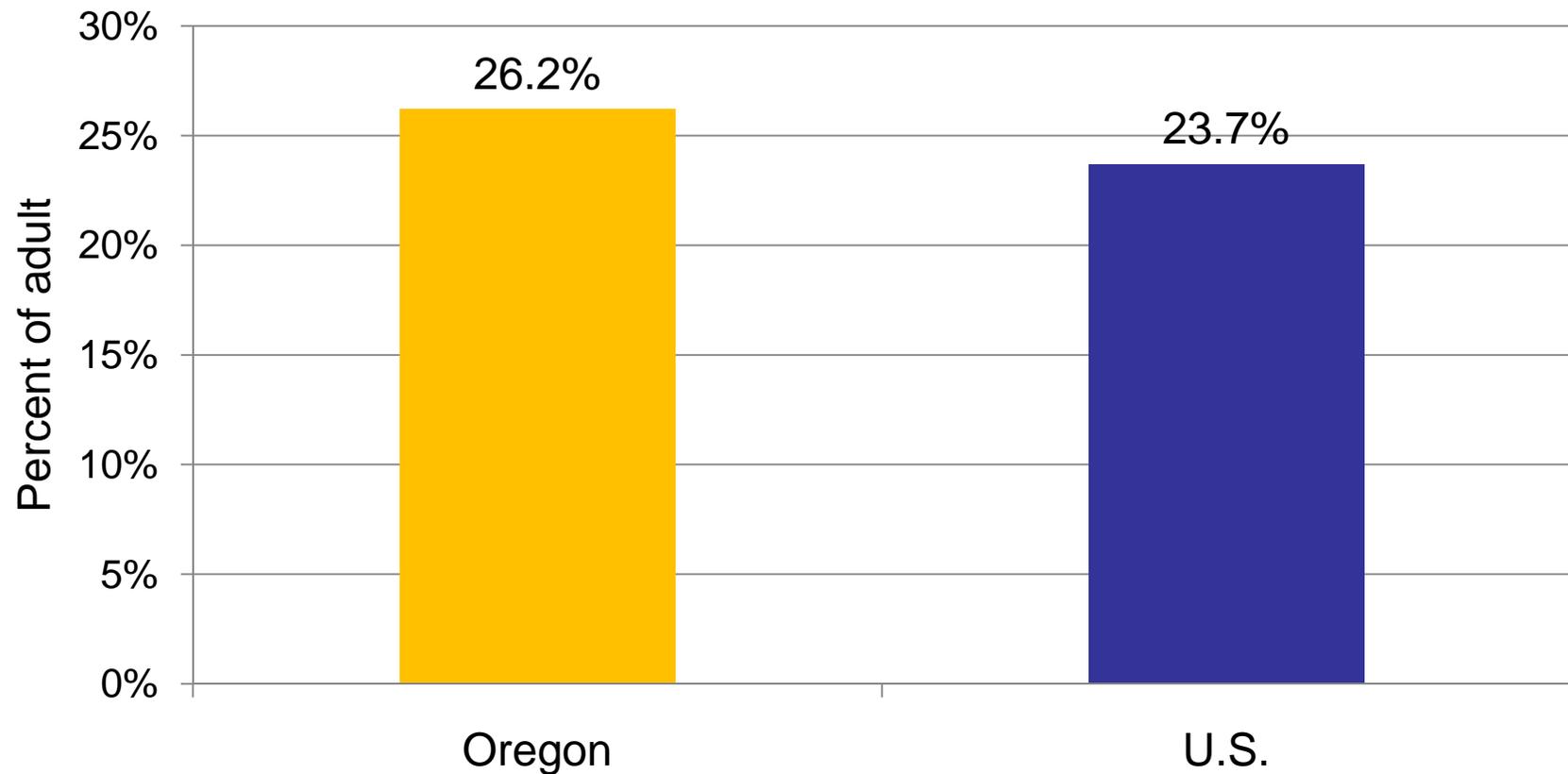


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Note: Data are age-adjusted.

## Five or more servings of fruits and vegetables per day among adults, Oregon and U.S., 2009



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Note: Data are age-adjusted.

# Cancer Survivors questions in 2009 BRFSS

1. Have you EVER been told by a doctor, nurse, or other health professional that you had cancer?
2. How many different types of cancer have you had?
3. At what age were you told that you had cancer?
4. What type of cancer was it?

# Oregon BRFSS Race Oversample 2010-2011

## Description

- In 2010 and 2011, the Public Health Division conducted a survey among Oregon BRFSS Race Oversample 2010-2011. The survey was about population health.
- The goal was to collect information from a large enough number of respondents to be able to analyze certain chronic diseases and health risk factors by race and ethnicity.
- Questions include: tobacco use, physical activity, dietary practices, cancer screening, chronic disease, immunization, food security, demographics

# Oregon BRFSS Race Oversample 2010-2011

- Combines data from annual BRFSS (2010 and 2011) with BRSS Race Oversample data

Oregon BRFSS Race Oversample 2010-2011 Totals	
African American, Non-Latino	454
Asian/Pacific Islander, Non-Latino	668
American Indian/Alaskan Native, Non-Latino	576
Latino	682
White, Non-Latino	19,905
<b>Total</b>	<b>22,285</b>

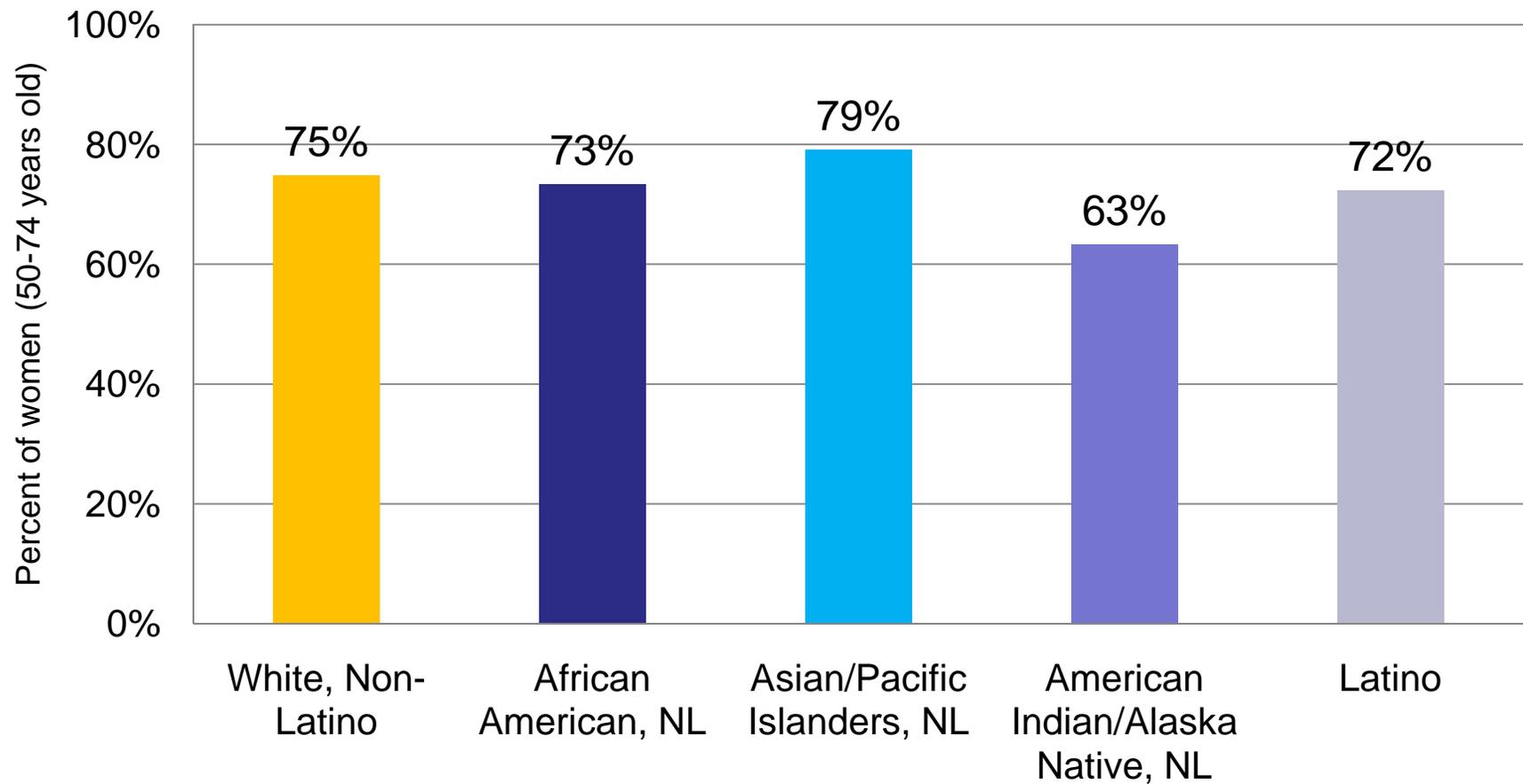
# Oregon BRFSS Race Oversample 2010-2011

In a league of its own:

- Collected data via cell phones
- Used different sampling methods for different groups
- Used a new weighting method that takes marital status, education, and renting or owning into account

Bottom Line: point estimates from Oregon BRFSS Race Oversample 2010-2011 data set are not comparable to previous estimates, and should not be compared!

## Mammogram within past 2 years among women 50-74 years old by race & ethnicity, Oregon, 2010-2011

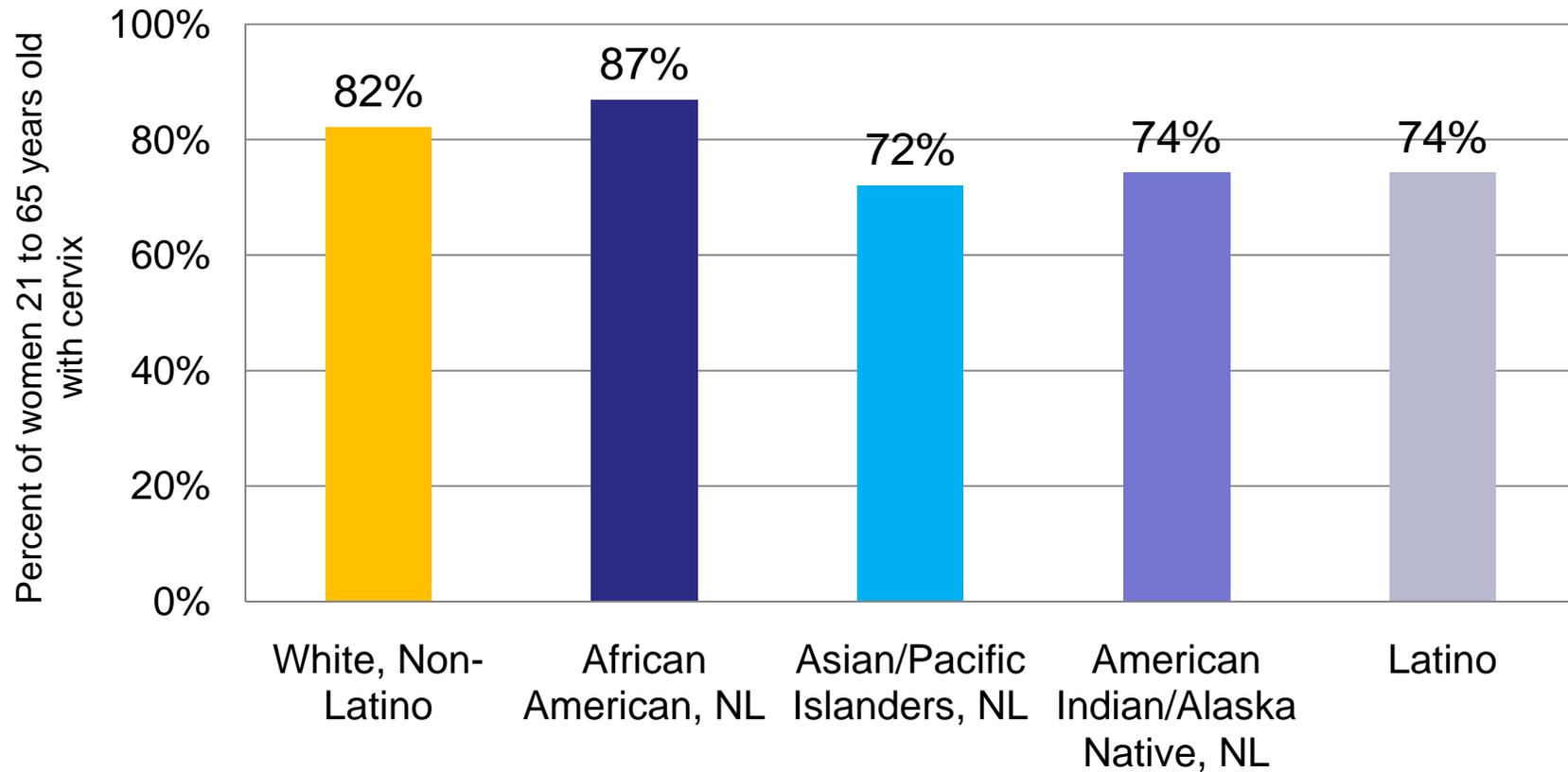


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Note: Data are age-adjusted.

## PAP test within past 3 years among women 21-65 years old by race & ethnicity, Oregon, 2010-2011

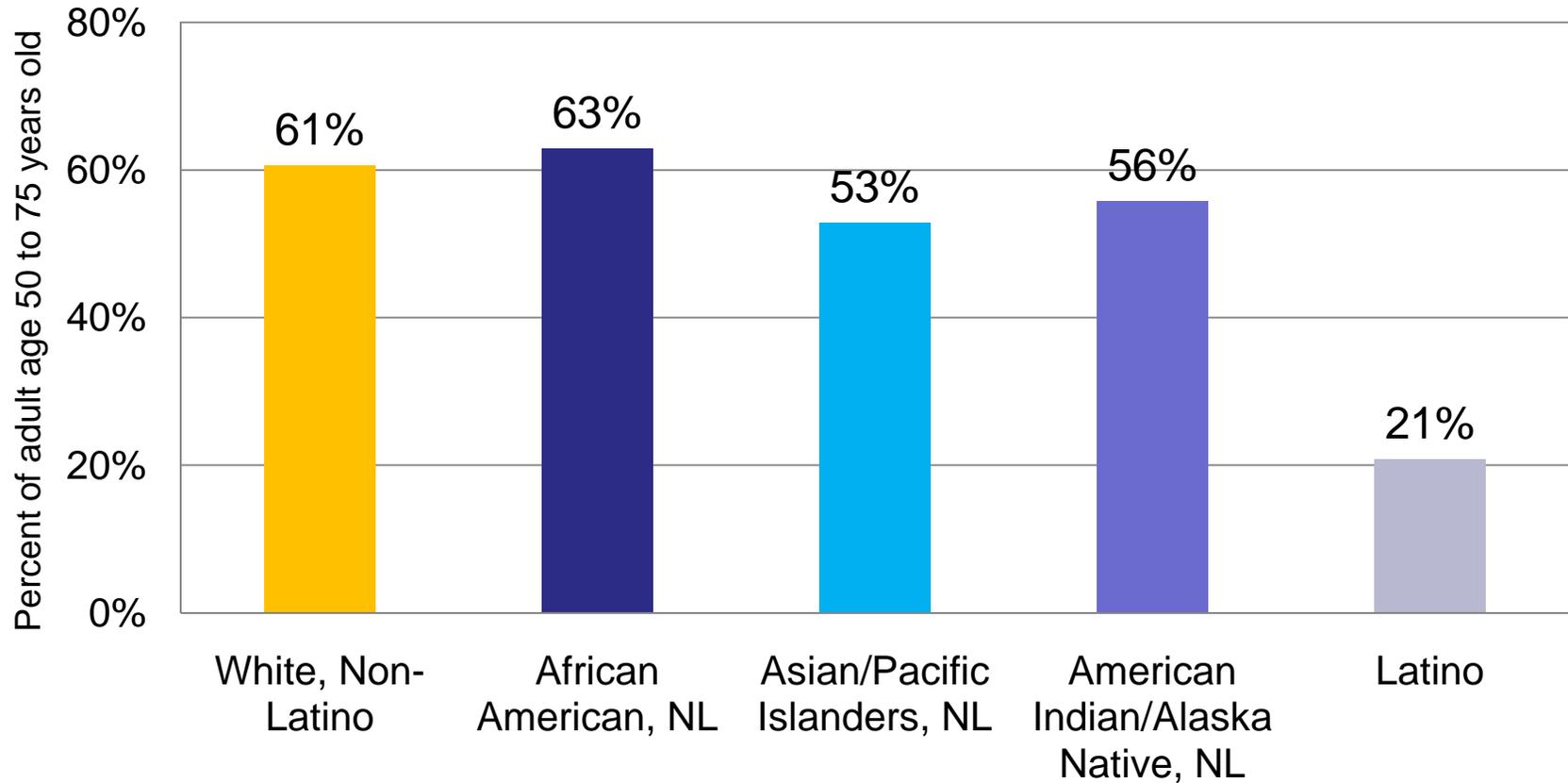


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Note: Data are age-adjusted.

# Current on colorectal cancer screening among adults 50-75 years old by race & ethnicity, Oregon, 2010-2011

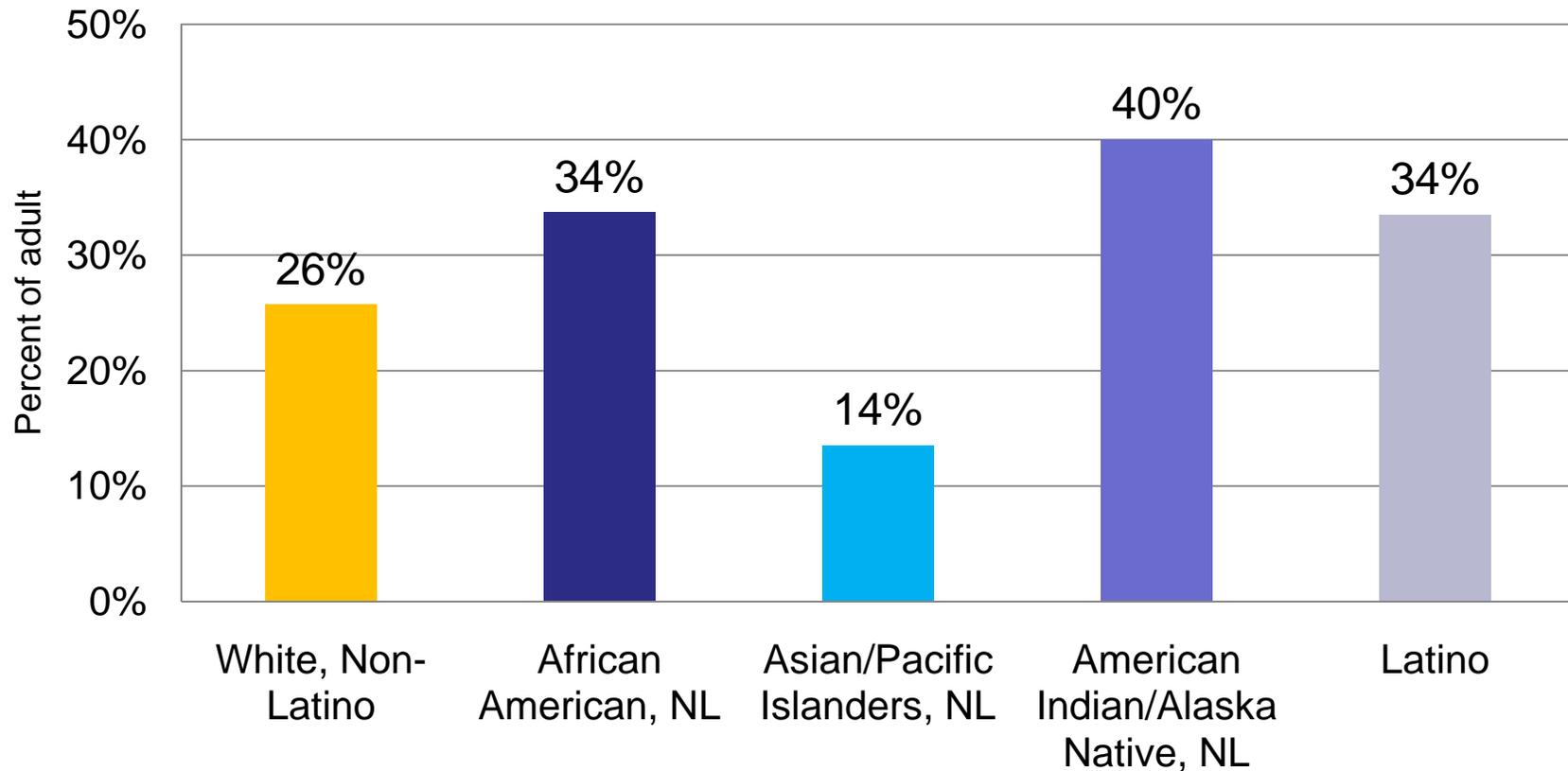


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Note: Data are age-adjusted.

# Obesity among adults by race & ethnicity, Oregon, 2010-2011

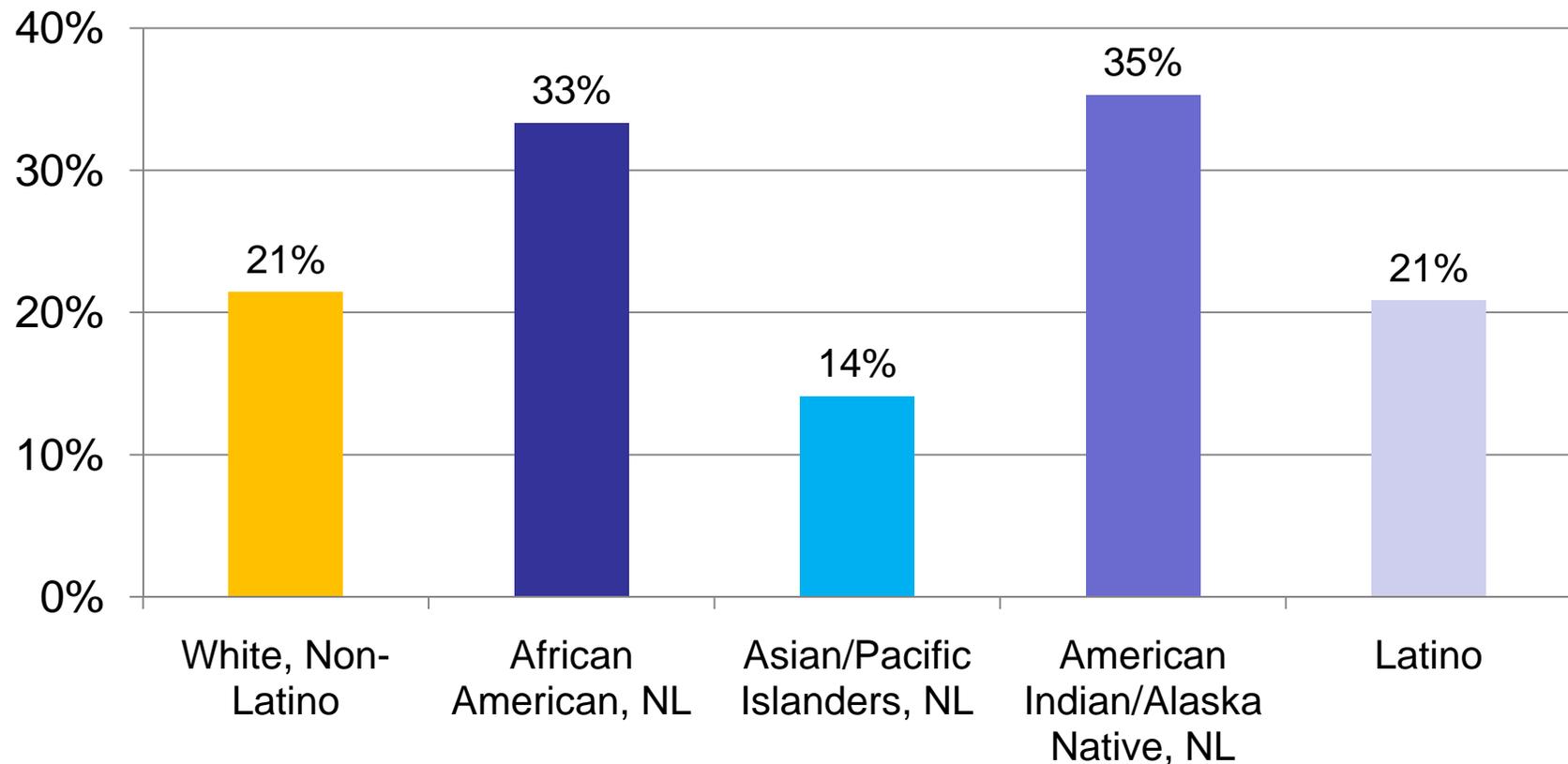


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Note: Data are age-adjusted.

# Current cigarette smoking among adults by race & ethnicity, Oregon, 2010-2011

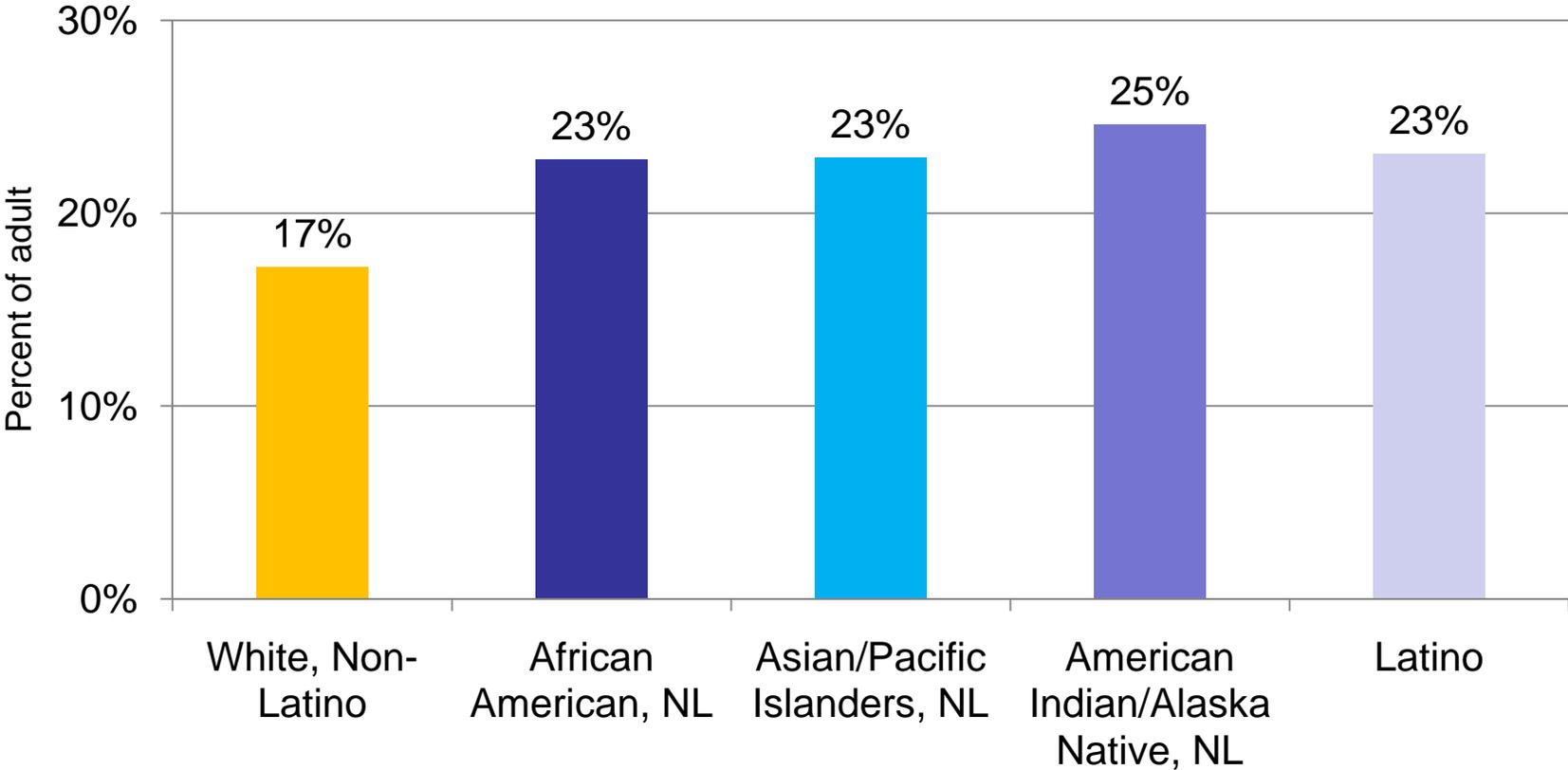


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Note: Data are age-adjusted.

# No physical activity outside of work in past 30 days among adults by race & ethnicity, Oregon, 2010-2011

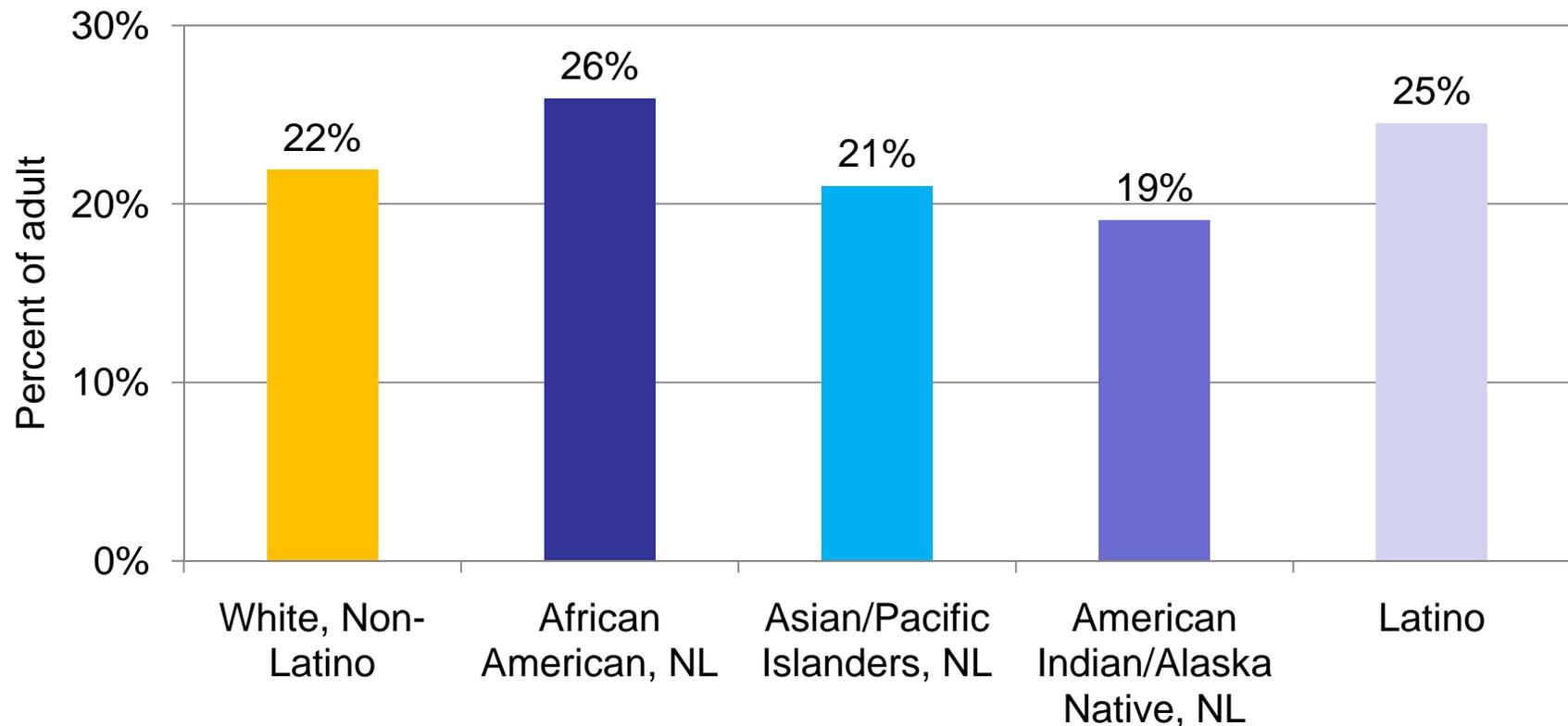


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Note: Data are age-adjusted.

## Five or more serving of fruits and vegetables per day among adults by race & ethnicity, Oregon, 2010-2011



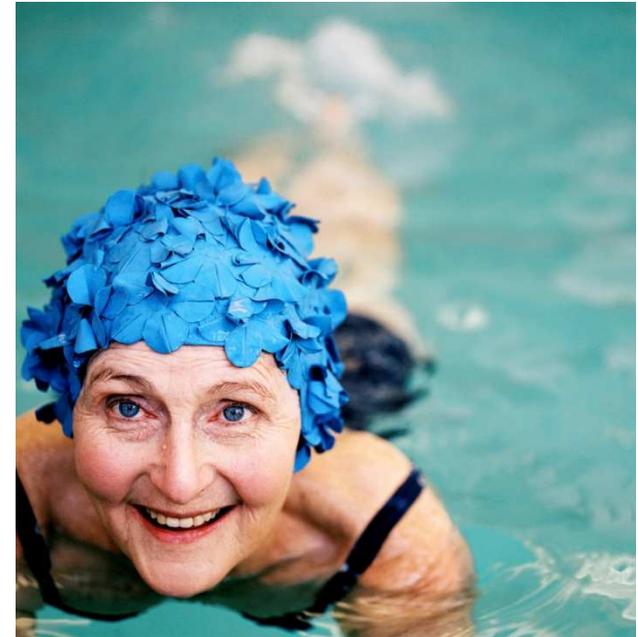
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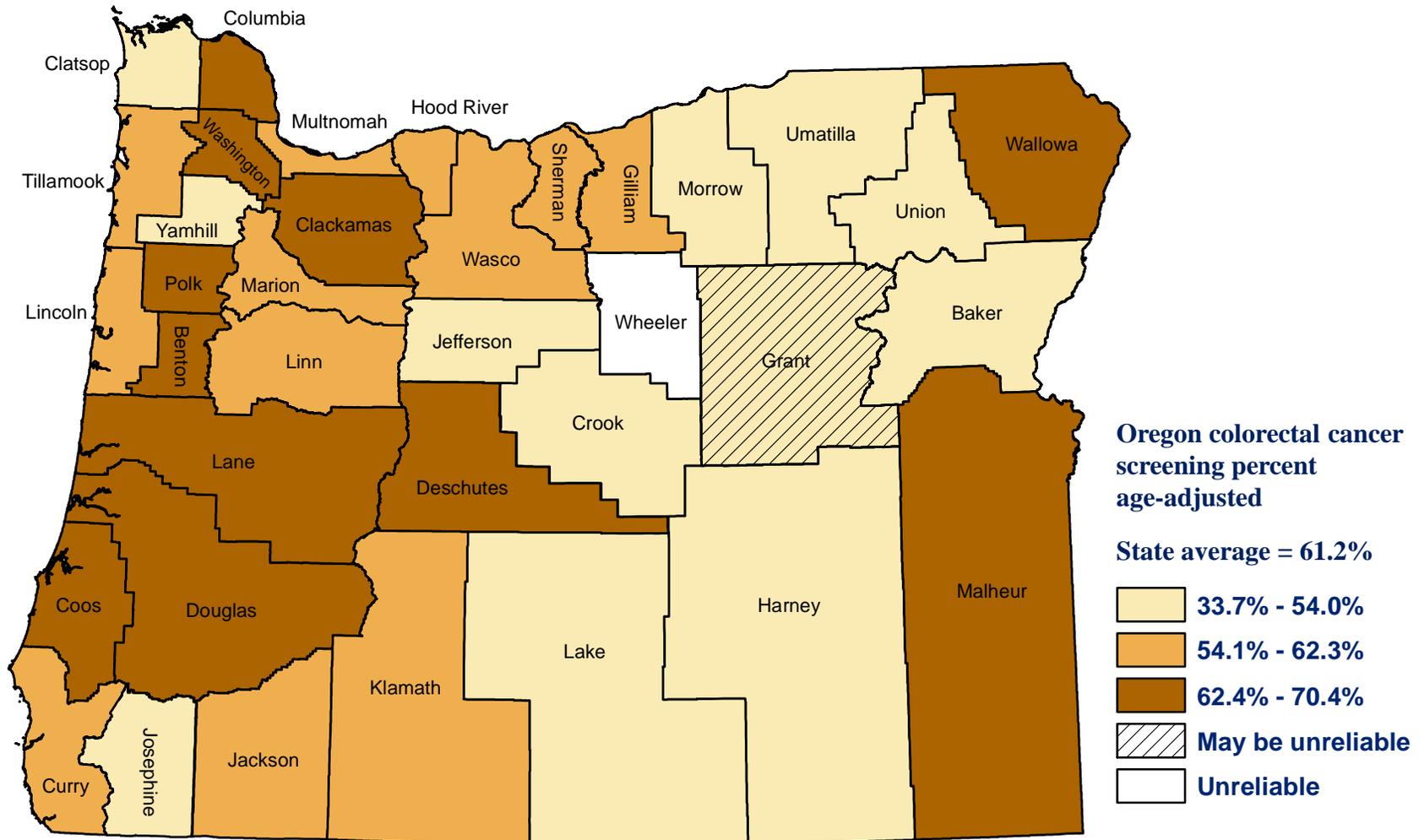
Note: Data are age-adjusted.

# Oregon BRFSS County Combine 2008-2011 Description

- County-level information was obtained by combining BRFSS data for the four years from 2008 through 2011.
- The four years combined data for county is only collected from landline respondents for this dataset.
- Future datasets will include cell.



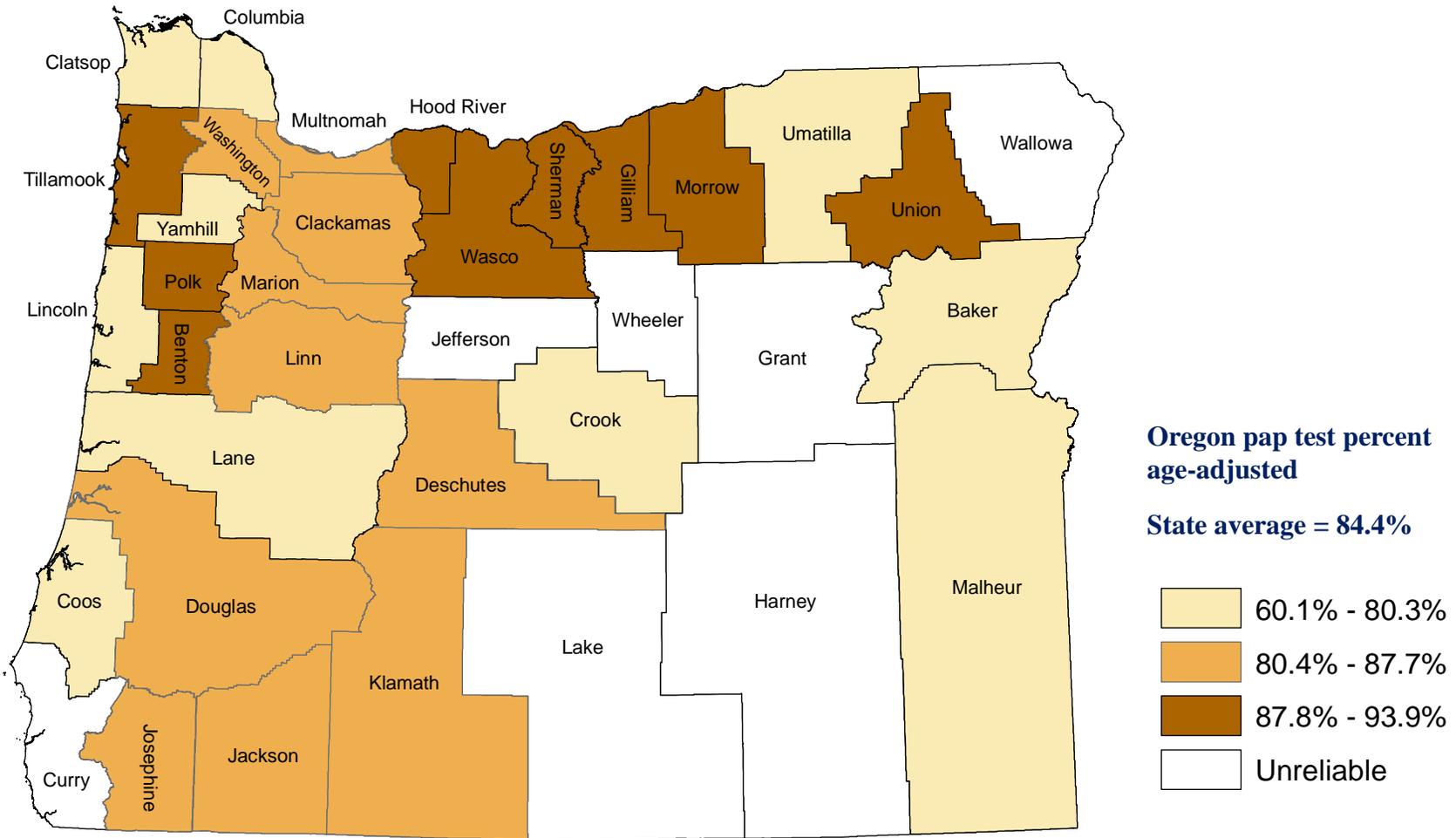
# Current on colorectal cancer screening among adults 50-75 years old, Oregon, 2008-2011



Data Source: Oregon BRFSS 2008-2011  
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# Pap test within past 3 years among women 21-65 years old, Oregon, 2008-2011

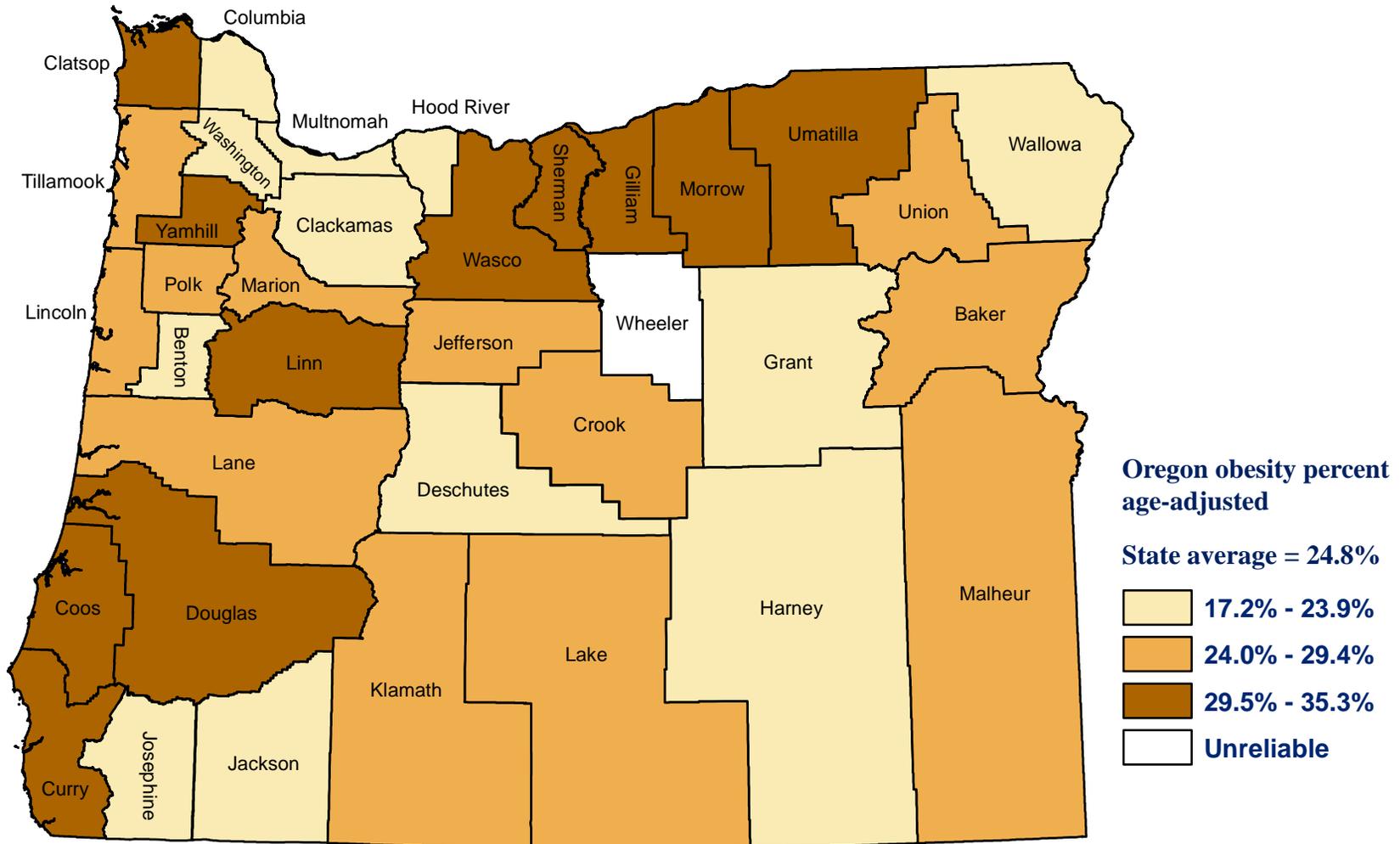


Data Source: Oregon BRFSS 2008-2011  
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Note: Data are age-adjusted.

# Obesity among adults, Oregon, 2008-2011

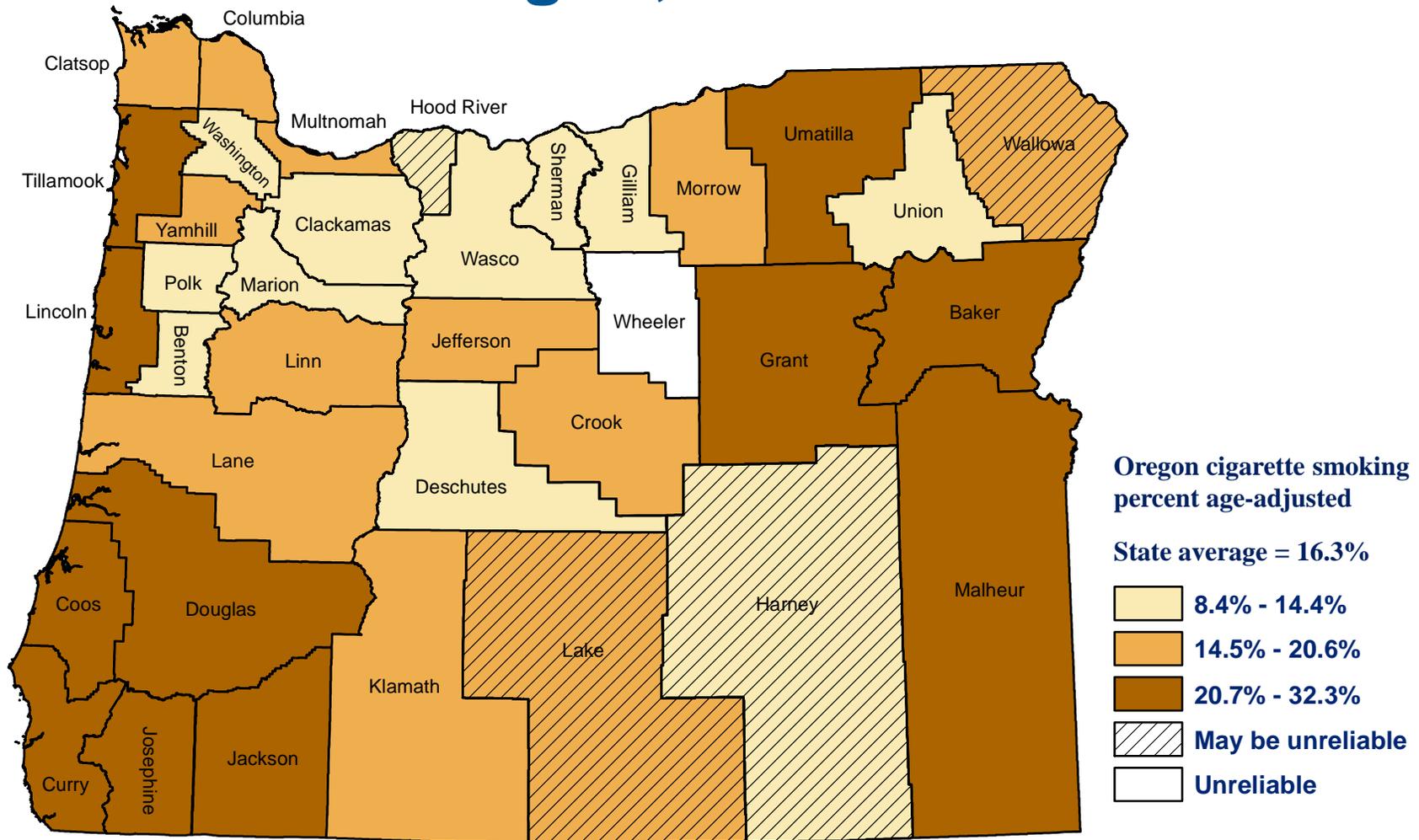


Data Source: Oregon BRFSS 2008-2011  
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Note: Data are age-adjusted.

# Current cigarette smoking among adults, Oregon, 2008-2011

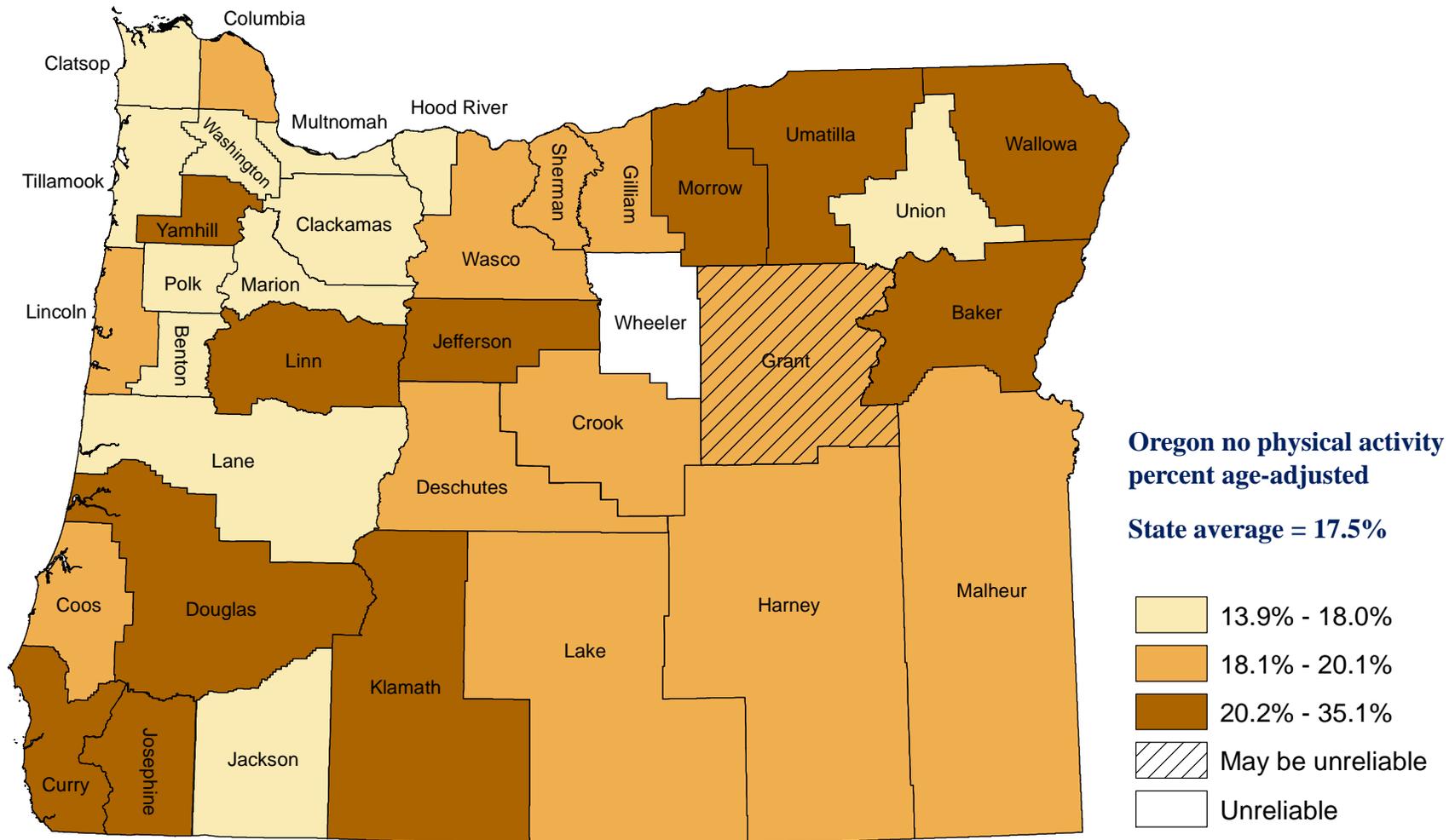


Data Source: Oregon BRFSS 2008-2011  
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Note: Data are age-adjusted.

# No physical activity outside of work in past 30 days among adults, Oregon, 2008-2011

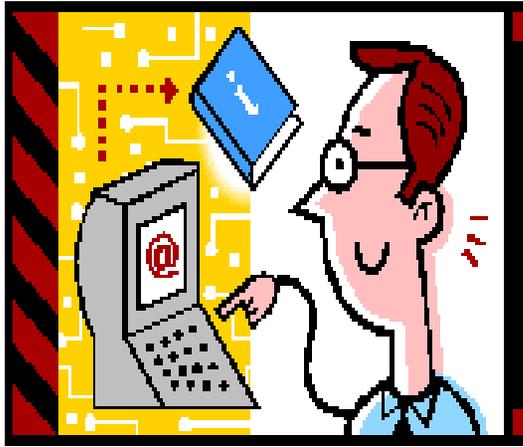


Data Source: Oregon BRFSS 2008-2011  
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Note: Data are age-adjusted.

## More information at the HPCDP website



Results from Oregon BRFSS Race Oversample 2010-2011  
and 2008-2011 BRFSS County Level available at:

<https://public.health.oregon.gov/DiseasesConditions/ChronicDisease/Pages/pubs.aspx>

# Questions?

