
2014 Medicaid Behavioral Risk Factor Surveillance System (MBRFS)

April 15, 2015 Webinar



Agenda

- What is the Medicaid BRFSS survey?
- Methodology
- Preliminary findings
- Reading the data tables
- Q&A

Presenters



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Materials

- OHA has posted materials online, including:
 - Survey questionnaire
 - Survey methodology
 - State level data tables
 - Race/ethnicity data tables
- www.oregon.gov/oha/analytics/Pages/MBRFSS.aspx

2014 MBRFSS Reporting

- OHA has released data tables with state level and race/ethnicity results online at www.oregon.gov/oha/analytics/Pages/MBRFSS.aspx.
- OHA provided each CCO with their own data tables for review. CCO data has not been publicly released yet.
- OHA plans to release a full report with state and CCO level data in Fall 2015.

About the Medicaid BRFSS

- The Medicaid Behavioral Risk Factor Surveillance System (MBRFSS) is a survey conducted to gather information from adult Medicaid members about:
 - Behaviors that put health at risk
 - Behaviors that are protective of health
 - Receipt of clinical preventive services
 - Health care access and use
 - Social and environmental determinants of health
- The MBRFSS provides policy makers, health plans, providers, and community partners with an assessment of the health needs and characteristics of the Medicaid population.

Medicaid BRFSS cont.

- The MBRFSS is based on the Behavioral Risk Factor Surveillance System survey conducted by the Public Health Division every year for the general population.
- The 2014 MBRFSS was funded by the Center for Medicare and Medicaid Innovation (CMMI). OHA does not currently have plans or funding to replicate the MBRFSS in an upcoming year.
- The 2014 MBRFSS was sampled to provide results at:
 - The state level;
 - By race/ethnicity at the state level;
 - By CCO.

General Population BRFSS	Medicaid BRFSS
Represents Oregon population	Represents Oregon's Medicaid population
Provides estimates down to county level	Provides estimates down to CCO level
Conducted annually	Conducted when funding available
Random digit dial	Phone number from enrollment data
Includes cell phones	May include cell phone (if that was the number in enrollment data)
Core questionnaire from CDC, alternate topical modules	Selected from core and modular questions, but no required topics from CMMI.

Methodology

Target Population

- Medicaid members age 18+
- Enrolled in a CCO for at least 45 days between Jan – June 2014
- Excluded:
 - Those <18+
 - Those not enrolled in a CCO
 - Members with a third-party payer
 - Those with no phone number
- Goal: complete at least 400 surveys for each CCO and for each racial/ethnic group at the state level.

Sampling

- A random sample of potential respondents was drawn from the target population.
- Sampling occurred in several waves.

Total target population after exclusions were applied	368,662
Total sampled	59,998
Total completed (“MBRFSS state total”) (from goal of 400 per CCO)	6,651
Total completed (“race/ethnicity augment”) (including race/ethnicity over sample)	7,881

Survey Implementation

- Introductory letters were sent to sample in advance of calls.
- Interviewers made up to 15 attempts to contact, varying attempts across different days of the week and times of day.
- Surveys conducted in English, Spanish, Vietnamese, and Russian.
- Phone calls were made from September to December of 2014.

Response Rate

2014 MBRFSS raw response rate	13%
2014 MBRFSS adjusted response rate (after removing those who were ineligible or had non-working phone number)	17%
Compare to 2013 CAHPS response rate	~40%

The low MBRFSS response rate is primarily due to not reaching more than 50% of the sample:

- Did not answer phone
- Did not return voicemail
- Had blocking feature on their phone

2014 MBRFSS Indicators

Survey answers have been collapsed into simplified indicators to follow the format of BRFSS survey reporting used by the CDC and Oregon’s Public Health Division.

Survey results are organized into more than 60 indicators grouped across eight categories:

Chronic / adverse conditions	Risk factors
Medical access / screening	Protective factors
Stress and safety	Substance use
Family planning	Reactions to race*

**Displayed for race/ethnicity results only.*

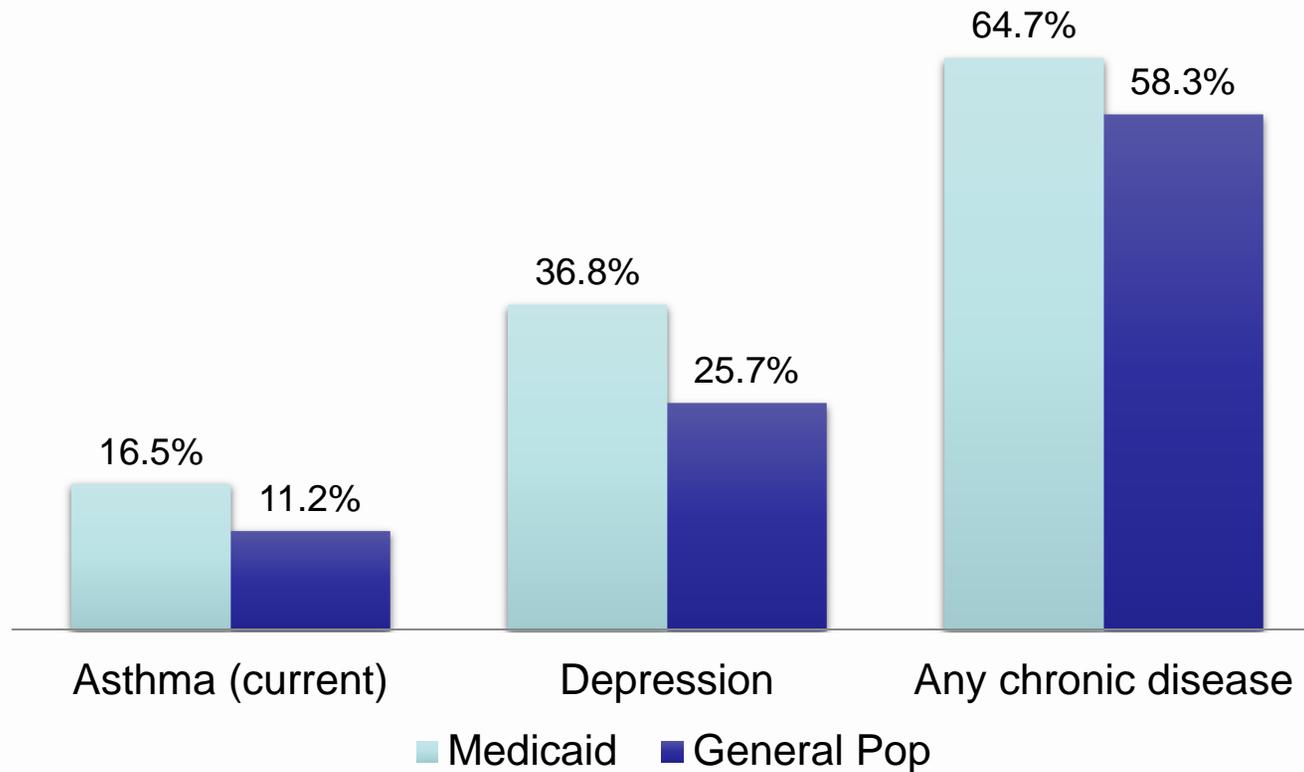
Preliminary State Level Findings

Disclaimer

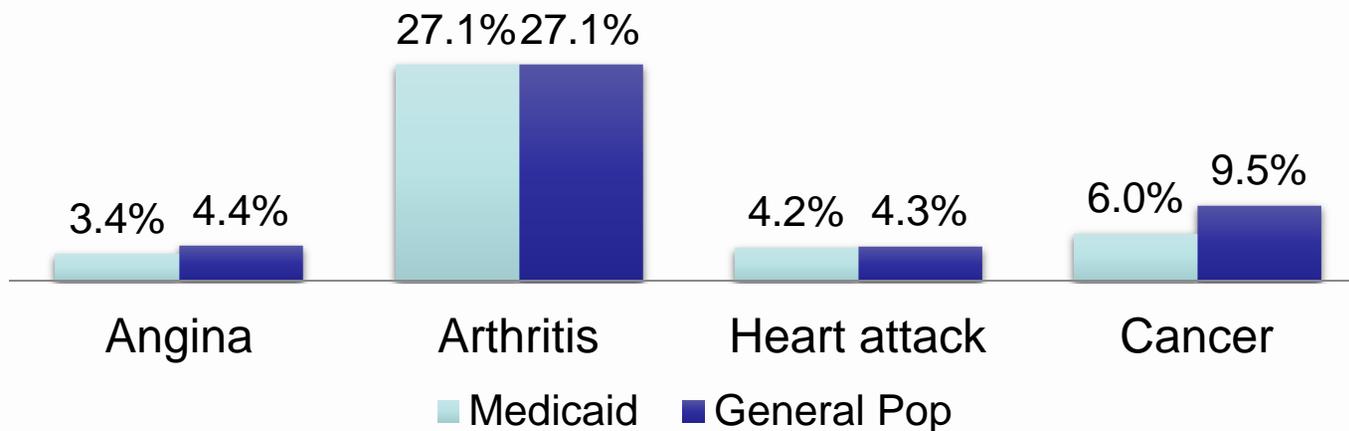
2012 and 2013 data from the general population BRFSS is provided for reference only. Due to differences in methodology and weighting, these are not meant to be used for direct comparison, but to provide a general idea for how similar indicators play out within the general adult population in Oregon.

Formal results will be released in the full report, Fall 2015.

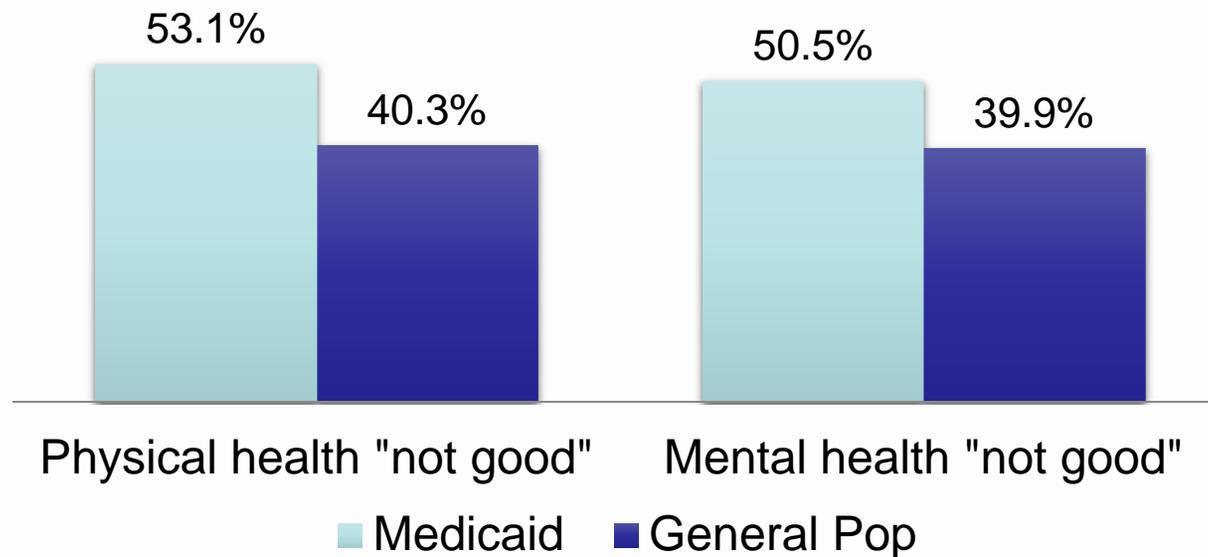
Medicaid members report a higher prevalence of selected chronic conditions than the general population...



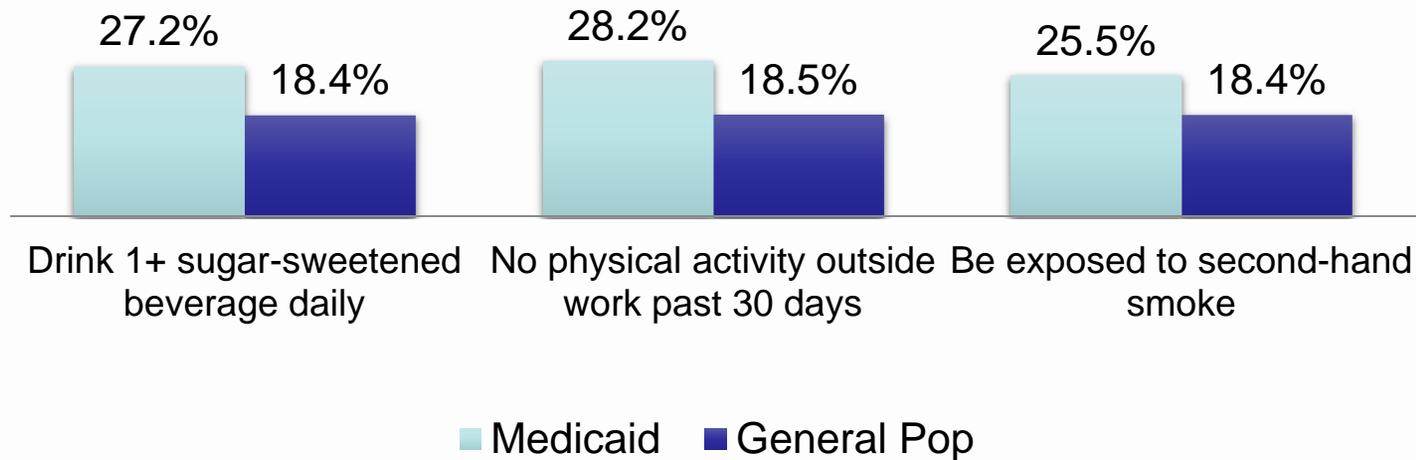
...and similar or lower prevalence on others.



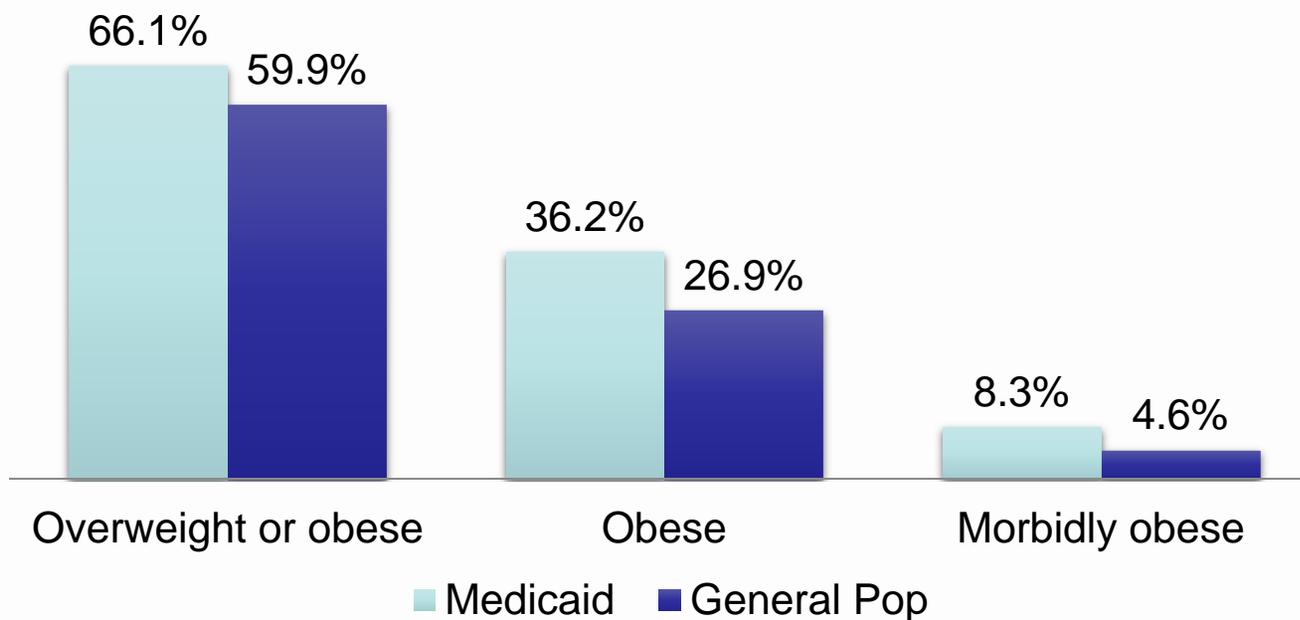
Medicaid members are more likely to report that their physical and/or mental health is “not good” on 1 or more of the last 30 days.



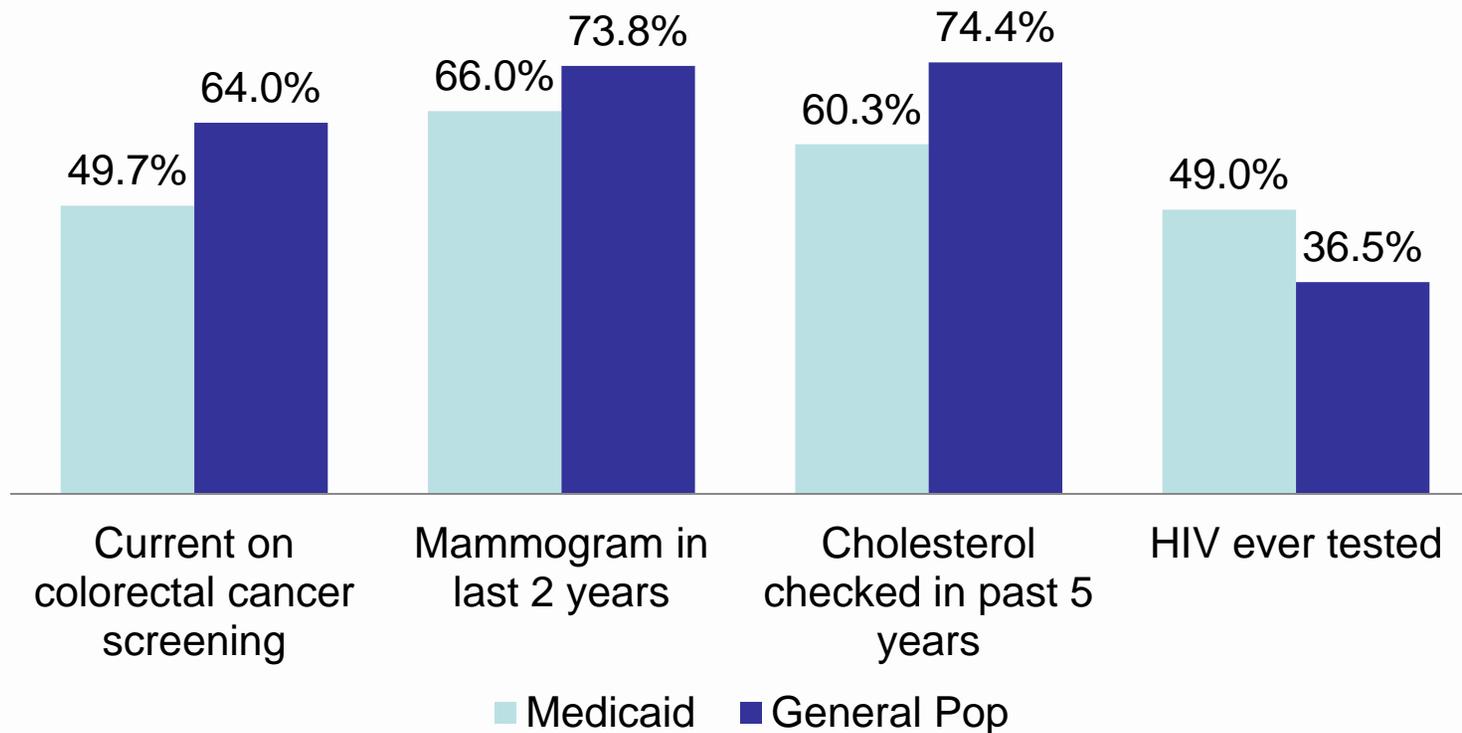
Medicaid members are more likely to experience health risk factors than the general population...



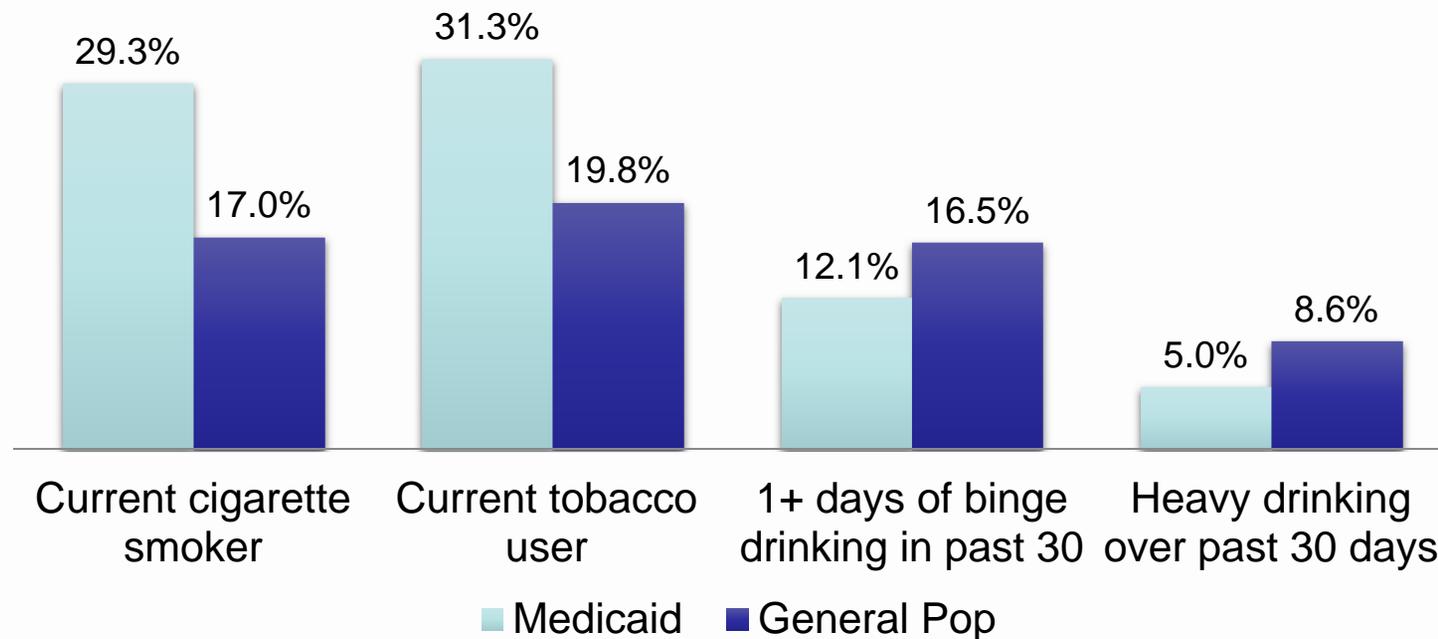
...more likely to be overweight or obese...



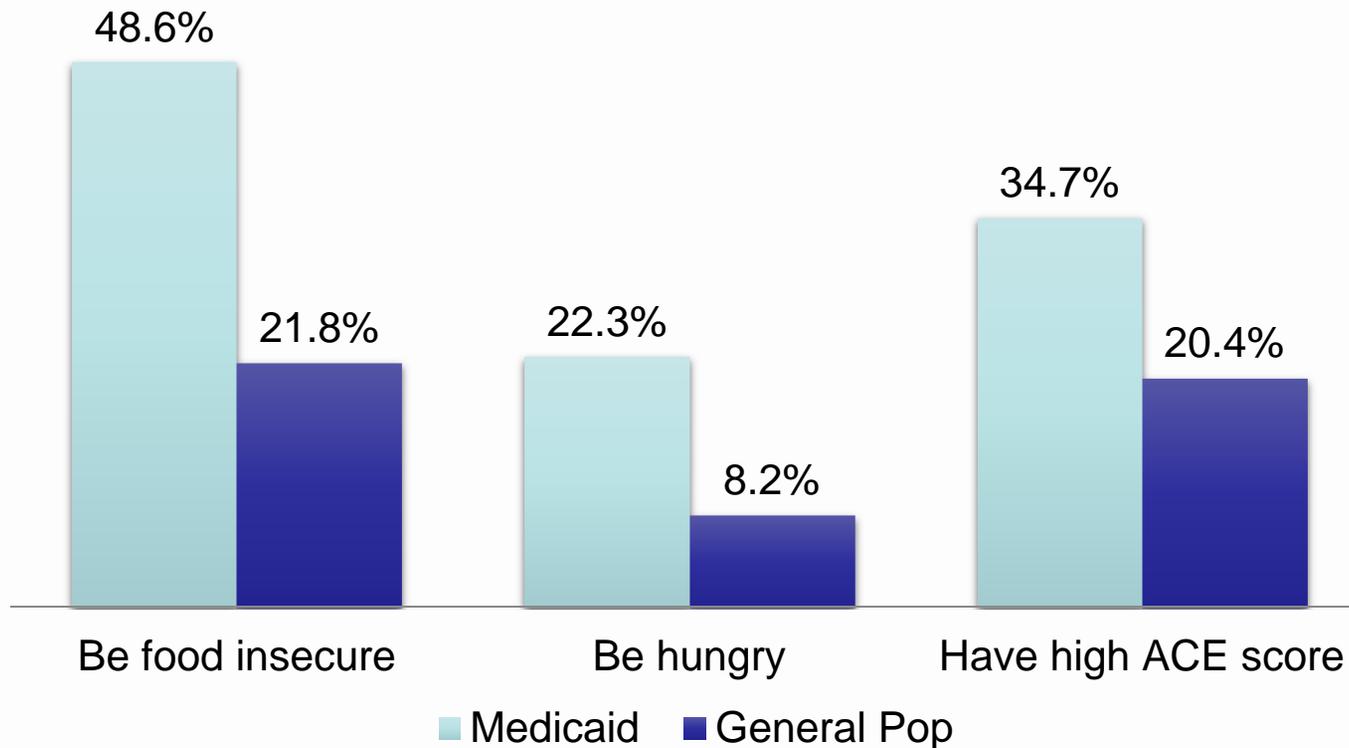
...and less likely to be up to date on recommended preventive health screenings.



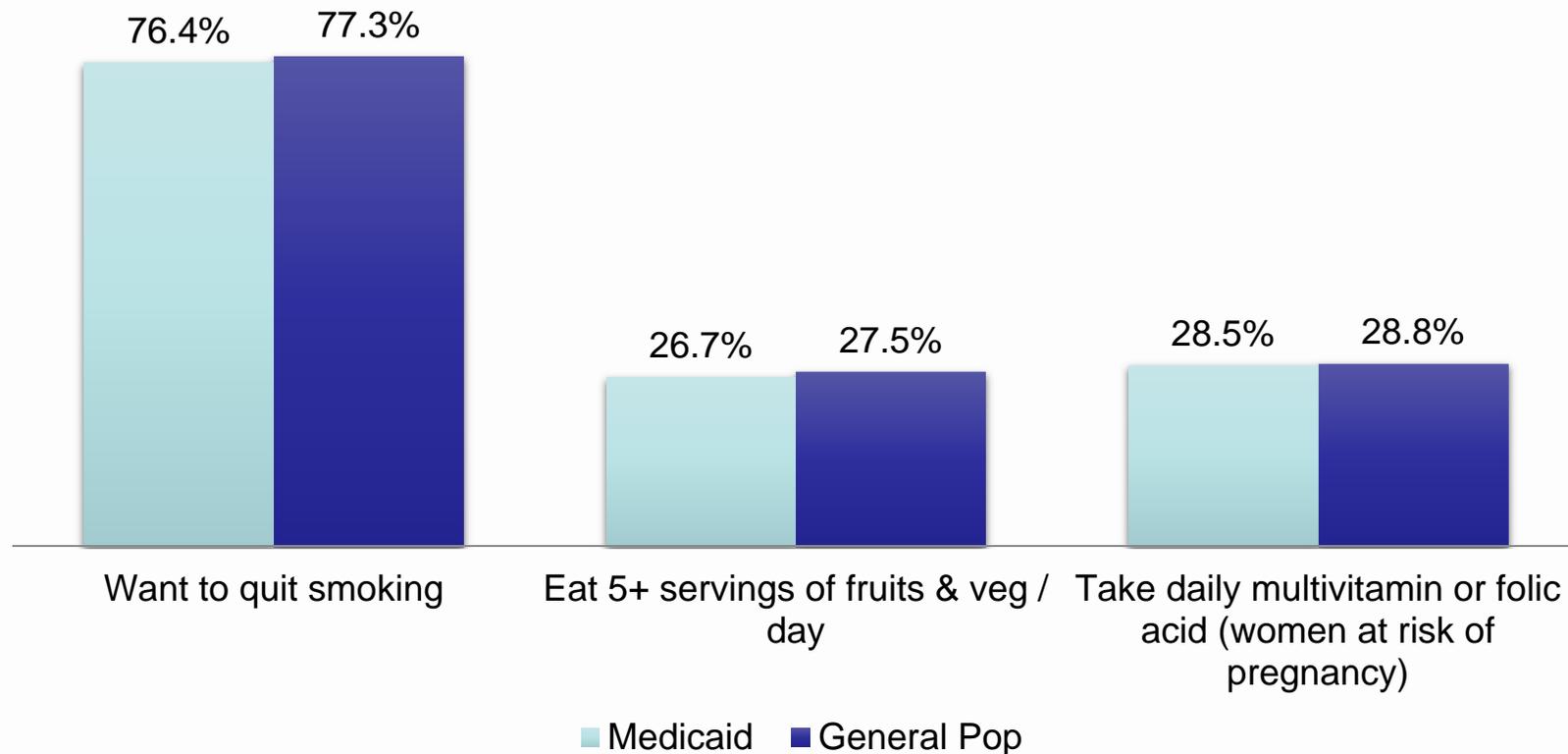
Medicaid members are more likely to use tobacco, but less likely to experience risky drinking.



Medicaid members more likely to...



Now for some similarities...



Data Tables

State Data Tables

Chronic/Adverse Conditions Indicator	MBRFSS State Total		BRFSS State
	Weighted %	CI	Estimate (Wgt %)
Angina	3.4	2.8-4.0	4.4
Arthritis	27.1	25.7-28.6	27.1
Asthma (current)	16.5	15.2-17.8	11.2
Cancer	6.0	5.3-6.9	9.5

“Weighted %” represents the weighted estimate.

“CI” represents the 95% confidence interval for the estimate.

“BRFSS State Estimate” – the most recent information (2012 or 2013) available from the general population BRFSS, presented as a weighted estimate.

Online at <http://www.oregon.gov/oha/analytics/Pages/MBRFSS.aspx>

Race/Ethnicity Data Tables

Angina

Race/Ethnicity	N	Weighted %	CI
White	4,964	3.6	3.0-4.4
African American	426	4.3	2.8-6.4
American Indian / Alaska Native	425	4.4	2.9-6.7
Asian (non-Pacific Islander)	607	5.1	3.4-7.5
Pacific Islander	147	4.1	2.0-8.1
Hispanic	965	1.8	0.9-3.5
MBRFSS State Total	6,561	3.4	2.8-4.0

“N”: unweighted denominator counts.

“Weighted %”: the weighted estimates.

“CI” the 95% confidence interval.

“MBRFSS State Total” does not include all responders from the race/ethnicity augment.

Online at <http://www.oregon.gov/oha/analytics/Pages/MBRFSS.aspx>

CCO Data Tables

Organization of the CCO data tables:

Indicator	N	CCO Name		MBRFSS State Total		BRFSS State Estimate (Wgt %)
		Weighted %	CI	Weighted %	CI	
Angina						
Arthritis						
Asthma (current)						

“N” represents unweighted denominator counts.

“Weighted %” represents the weighted estimates.

“CI” represents the 95% confidence interval for the estimate.

“BRFSS State Estimate” the most recent information (2012 or 2013) available from the general population BRFSS presented as a weighted estimate.

[↑/↓] represent non-overlap between the CCO and MBRFSS state total confidence intervals, indicating a statistically significant difference ($p < .05$)

Next Steps for OHA

- Additional analyses in advance of the Fall 2015 report.
- Full release of 2014 MBRFSS survey in Fall 2015.
- Develop communication plan for releasing state level and race/ethnicity data tables to internal stakeholders (short term).
- Develop communication plan for releasing state level and race/ethnicity data tables to external stakeholders (slightly longer term)

Questions?

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