

2019 EOCCO Community Health Assessment

Quantitative Summary
Regional Community Advisory Council
February 26, 2019



Demographics

Population- 2017 ACS

EOCCO - 203,250

- This represents a net gain of 6,265 people since 2013
- All counties gained population with the exception of Grant County, with a loss of 35 people in that same time period
- Over ½ of the overall growth occurred in Umatilla - with a gain of 3,380



Demographics

The % of the population 65 and older in the EOCCO Region is 19.5% compared to Oregon overall at 17.2%

Individual counties experience a higher % of their own population age 65 and older

Baker 26.7%, Gilliam 28.2%, Grant 32.2%, Harney 24.2%

Lake 25.1%, Malheur 17.7%, Morrow 16.2%, Sherman 25.9%

Umatilla 15.1%, Union 20.8%, Wallowa 29.5%, Wheeler 32.6%



Demographics

The % of the population age 0-17 in the EOCCO Region is 22.9% Compared to Oregon overall at 21%

However from 2013 to 2017 the following counties lost population in that cohort. Baker, Gilliam, Grant, Harney, Lake, Malheur, Morrow, Sherman, Wheeler

Only Umatilla, Union and Wallowa gained



Demographics

The % of the population identified as Hispanic in the EOCCO Region is 19.0% compared to Oregon overall at 12.4%

Malheur 32.9%, Morrow 34.7%, Umatilla 25.6%



Social Determinants of Health: Housing

2017: Renters paying more than 35% of their income on rent in Oregon overall is at 44%

Baker 32.6%, Gilliam 23.8%, Grant 28.8%, Harney 35.2%
 Lake 38.9%, **Malheur 51.8%**, Morrow 27.3%, **Sherman 44.5%**
 Umatilla 31.7%, Union 40.6%, **Wallowa 45.4%**, Wheeler 20.4%

Three factors: wages, quality of housing, and availability of housing



Social Determinants of Health: Housing

Percentage of houses lacking complete kitchen facilities - 2017 ACS, self identified.

- Oregon overall is 1.3%
- 5 EOCCO Counties are higher than Oregon overall

Baker 2.3%, Gilliam .5%, Grant 2.3%, Harney .7%

Lake 2.9%, Malheur 2.0%, Morrow .7%, Sherman .6%

Umatilla 1.2%, Union 1.9%, Wallowa .7%, Wheeler 5%



Social Determinants of Health: Housing

2017: Households with No Telephone - Oregon overall 2.7%

Seven of twelve are higher than Oregon overall

Baker 2.9%, Gilliam 3.3%, Grant 3.9%, Harney 2.6%

Lake 3.2%, Malheur 3.9%, Morrow 1.1%, Sherman 1.4%

Umatilla 3.7%, Union 2.3%, Wallowa 3.2%, Wheeler 1.9%



Social Determinants of Health: Transportation

2017: Households without access to Personal Transportation - Oregon overall 7.9%

- Only Malheur is higher than Oregon- urban dwellers have better access to mass transit systems

Baker 7.4%, Gilliam 3.4%, Grant 3.9%, Harney 3.7%

Lake 7.3%, **Malheur 9.0%**, Morrow 2.6%, Sherman 3.2%

Umatilla 7.7%, Union 6.3%, Wallowa 7.0%, Wheeler 1.9%



Social Determinants of Health: Transportation

2017 Non - Emergency Transports

		Rate per 100	
EOCCO Members	Trips	Plan Members	
Baker 3744	3579	95.59	
Gilliam 344	710	206.40	
Grant 1487	3400	228.65	
Harney 1868	3215	172.11	
Lake 1665	1990	119.52	
Malheur 8896	10750	120.84	
Morrow 2512	3413	135.87	
Sherman 331	1486	448.94	
Umatilla 16974	25131	148.06	
Union 5647	6957	123.20	
Wallowa 1575	2284	145.02	
Wheeler 252	323	128.17	
EOCCO TOTAL 46,526	63238	135.92	



Social Determinants of Health: Unemployment/No Health Insurance

Unemployment in Oregon overall: 4.9%

- Sherman and Wheeler are lower

2017: Oregon uninsured was 6.2%

- All EOCCO Counties were higher with a range of 6.9 to 8.3%



Social Determinants of Health: Education

5 Year Graduation Rate in Oregon 77.8 per 100 students

Generally graduation rates are trending downward

Baker 74, Gilliam 73.9, **Grant 92.5**, Harney 76

Lake 88.2, Malheur 84.3, Morrow 80.3, Sherman 72

Umatilla 75.5, Union **88.3**, Wallowa 93.6, Wheeler 73.3



Social Determinants of Health: Poverty

2009-2013, Percentage of population below the poverty line.
Oregon is 16.2%

Only Gilliam, Wallowa and Wheeler are lower than Oregon overall

Baker 18%, **Gilliam 11.8%**, Grant 17.3%, Harney 18.6%
Lake 20.1%, Malheur 27.4%, Morrow 18%, Sherman 22.1%
Umatilla 16.5%, Union 18.6%, **Wallowa 13.4%**, **Wheeler 15.6%**



Social Determinants of Health: ALICE

Asset Limited, Income Constrained, Employed (ALICE)

Percentage of households that are one unexpected expense away from financial crisis - Oregon is 41%

Each EOCCO County % is higher than Oregon overall

Baker 46%, Gilliam 48%, Grant 49%, Harney 52%
Lake 55%, Malheur 55%, Morrow 41%, Sherman 62%
Umatilla 45%, Union 44%, Wallowa 43%, Wheeler 48%



Social Determinants of Health: Food Insecurity

There are 26,180 people in EOCCO who are Food Insecure. That is 12.8% of the population. Oregon overall is 14.2%

%s for Baker, Grant, Harney, Lake, Sherman, Union, Wallowa and Wheeler were higher than Oregon



Vulnerable Population- Childhood Poverty

- Children age 0-17 living in poverty Oregon overall 17.2%
- There are 10,410 people living in poverty in the EOCCO, 22.3%
- EOCCO Counties all have higher poverty rates than Oregon overall
 - Range 18.2 (Sherman) to 39.9 (Wheeler)



Early Childhood - Abuse/Neglect

Rate per 1,000 children experiencing abuse or neglect- Oregon
12.8

Only 3 EOCCO counties are lower than Oregon

Baker 33.2, Gilliam 13.7, Grant 21.9, Harney 45.7
Lake 37.2, Malheur 30.6, **Morrow 12, Sherman 6.2**
Umatilla 5.5, Union 15.9, Wallowa 27.7, Wheeler 5



Early Childhood - Foster Care

Rate per 1,000 Children in Foster Care Oregon 9.2

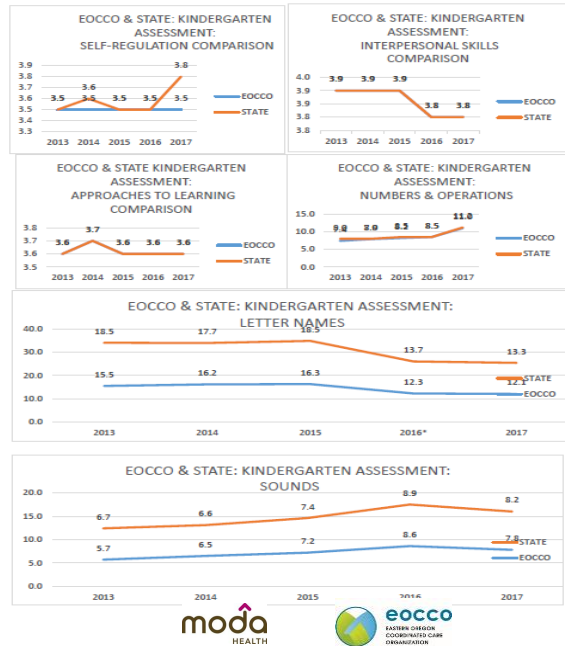
Incentive Measure- Denominator was 37 in 2014 and 107 in 2017

Baker 11.7, **Gilliam 5.5**, Grant 14.4, Harney 45.7
Lake 19.3, Malheur 22.9, **Morrow 3.8**, Sherman 5
Umatilla 5.8, Union 4.1, Wallowa 8.5, Wheeler 5



Kindergarten Readiness

		SELF-REGULATION					
		2013	2014	2015	2016	2017	
EOCCO		3.5	3.5	3.5	3.5	3.5	
STATE		3.5	3.6	3.5	3.5	3.8	
		INTERPERSONAL SKILLS					
		2013	2014	2015	2016	2017	
EOCCO		3.9	3.9	3.9	3.8	3.8	
STATE		3.9	3.9	3.9	3.8	3.8	
		APPROACHES TO LEARNING					
		2013	2014	2015	2016	2017	
EOCCO		3.6	3.7	3.6	3.6	3.6	
STATE		3.6	3.7	3.6	3.6	3.6	
		NUMBERS & OPERATIONS					
		2013	2014	2015	2016	2017	
EOCCO		7.4	7.9	8.2	8.5	11.0	
STATE		8.0	8.0	8.5	8.5	11.2	
		LETTER NAMES					
		2013	2014	2015	2016*	2017	
EOCCO		15.5	16.2	16.3	12.3	12.1	
STATE		18.5	17.7	18.5	13.7	13.3	
		SOUNDS					
		2013	2014	2015	2016	2017	
EOCCO		5.7	6.5	7.2	8.6	7.8	
STATE		6.7	6.6	7.4	8.9	8.2	



Early Childhood - 3rd Grade Reading

2017: Percentage of 3rd graders meeting State Reading Level Standards in Oregon overall was 47.4%

Generally Trending Down (Test standards were changed over 2013-2017)

- Baker 48.2%, Gilliam 36.3%, Grant 46.7%, Harney 52.5%
- Lake 48.2%, Malheur 39.4%, Morrow 40.9%, Sherman 62.5%
- Umatilla 32.9%, Union 39.1%, Wallowa 40%, Wheeler 69.4%



Early Childhood - Immunizations

Children reaching age 3 with all required immunizations -
Oregon overall 68%

Incentive Measure

Only 3 EOCCO counties Malheur, Morrow and Sherman were
better than Oregon



Early Childhood - Childcare

“Oregon Childcare Deserts”

Childcare Desert defined as county with more than three young
children for every regulated child care slot.

Regulated child care slots are Certified Centers, Certified
Family and Registered Family Providers

Only Wheeler and Sherman are NOT childcare deserts

Source: OSU School of Public Health and Human Sciences



Vulnerable Population - Maternity

“Inadequate Prenatal Care”

Percentage of Mothers not receiving care in the first trimester or completing all their visits. Oregon overall is 6.1%

Baker 9.7%, Gilliam 5, Grant 9.5%, Harney 2.9%

Lake 8.1%, Malheur 12.3%, Morrow 11.3%, Sherman 0%

Umatilla 6%, Union 9.9%, Wallowa 3.2%, Wheeler 5



Vulnerable Population - Maternity

“Low Birthweight”

Rate per 1,000 live births who weighed 5.5 lbs or less. Oregon overall 68.3

Baker 83.3, Gilliam 5, Grant 95.2, Harney 69.4

Lake 161.4, Malheur 99.8, Morrow 29.4, Sherman 66.7

Umatilla 53.8, Union 111.1, Wallowa 31.4, Wheeler 5



Vulnerable Population - Maternity

In 2017 according to the CDC's Pregnancy Risk and Monitoring System (PRAMS), 47.6 % of all Mothers in the EOCCO service area suffered from depression during or after their pregnancy.

This is large increase from 2016 when it was 21.3%



8th and 11th Grade Mental Health

There is a downward trend over the years in 8th and 11th graders reporting Excellent, Very Good or Good general mental health

More 8th graders than 11th graders reported worse mental health

Suicidal Ideation among EOCCO 8th graders was 18.6%

Oregon overall is 16.9%



Health Behaviors - Smokeless Tobacco

2010-13 BRFSS ADULTS in Oregon 7.7%

Where there is data, all EOCCO Counties are higher than Oregon

Baker 19.9%, Gilliam S, Grant S, Harney S

Lake 13.2%, Malheur 15.3%, Morrow 17.9%, Sherman S

Umatilla 11.1%, Union 23.2%, Wallowa 11.7%, Wheeler S



Health Behaviors - Cigarette Smoking

2010-13 BRFSS ADULTS in Oregon overall is 19%

Baker 23.3%, Gilliam 19.6%, **Grant 16.3%**, Harney 25.3%

Lake 13.4%, Malheur 22.5%, **Morrow 15.8%**, Sherman S

Umatilla 22.9%, **Union 18.6%**, **Wallowa 11.7%**, Wheeler S



Health Status - Obesity

2010-13 Behavioral Risk Factor Surveillance System (BRFSS) % of ADULTS who are Obese. Oregon is 26.9%

Baker 29%, Gilliam 33%, **Grant 23.8%**, Harney 38.7%

Lake 34.1%, Malheur 31%, Morrow 29.5%, Sherman 33.6%

Umatilla 33.2%, Union 27.7%, **Wallowa 22.2%**, Wheeler 37.7%



Mortality

Estimated number of EOCCO area Deaths by Cause, (using Umatilla as the base)

Accidents 89, Alcohol Induced 37, Alzheimer's 72, **Cancer 380**, Cerebral Vascular 88, Lower Respiratory Disease 96, Diabetes 65, Flu/Pneumonia 46, **Heart Disease 292**, Hypertension 25, Suicide 36



2014 Medicaid Behavioral Risk Factor Surveillance System Survey, Oregon Health Authority

2014 ADULT BRFSS	OR	All OHP	EOCCO	EOCCO REGION	Adults 2017 24,806
Depression	24.4%	36.8%	34.5%	8558	
Diabetes	9.2%	11.6%	10.5%	2605	
All Chronic Diseases	54.8%	64.7%	61.0%	15132	
Physical health Not Good	38.5%	53.1%	51.0%	12651	
Mental Health Not Good	38.9%	50.5%	48.4%	12006	
Sugary Drinks 1 or More per day	19.7%	27.2%	33.3%	8260	
High Cholesterol		38.4%	35.9%	8905	
High Blood Pressure	29.1%	28.3%	28.4%	7045	
No Physical Activity Outside of Work	16.5%	28.2%	32.3%	8012	
Overweight / Obese	62.3%	66.1%	69.3%	17191	
Obese	26.9%	36.2%	40.8%	10121	
Morbidly Obese BMI > 40	4.2%	8.3%	9.7%	2406	
Sleep < 8	31.3%	38.0%	41.4%	10270	
High Blood Sugar	64.4%	60.1%	57.0%	14139	
Colon Cancer Screening	66.0%	49.8%	44.9%	11138	
Dental Visit	67.0%	51.7%	53.0%	13147	
Smoking	16.2%	29.3%	29.9%	7417	
Tobacco Chewing	3.5%	3.6%	6.2%	1538	
Want to Quit	68.1%	76.4%	75.4%	5592	
Tried to Quit	58.2%	62.2%	61.9%	4591	
Binge Drinking	14.7%	12.1%	10.2%	2530	
Heavy drinking	7.6%	5.0%	3.8%	943	
Food Insecurity	19.9%	48.6%	44.7%	11088	
Hunger	10.3%	22.3%	18.8%	4664	
4 or more ACE's	22.5%	34.7%	33.7%	8360	
Effective Contraceptive Use	68.9%	58.4%	59.7%	14809	
5 or more fruits / vegetables per day		26.7%	24.7%	6127	

