



2019–2022 Community Health Needs Assessment

Adopted: June 21, 2019

PeaceHealth Sacred Heart Community Health Board



PeaceHealth
Sacred Heart Medical Center
University District

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I. Executive Summary and Key Takeaways

Overview

PEACEHEALTH


Caring for those in our communities is not new to PeaceHealth. It has been a constant since the Sisters of St. Joseph of Peace, PeaceHealth’s founders, arrived in Fairhaven, Washington, to serve the needs of the loggers, mill workers, fishermen and their families in 1890. Even then, the Sisters knew that strong, healthy communities benefit individuals and society, and that social and economic factors can make some community members especially vulnerable. The Sisters believed they had a responsibility to care for the vulnerable, and that ultimately, healthier communities enable all of us to rise to a better life. This thinking continues to inspire and guide us toward creating a better future for the communities we serve.

Today, PeaceHealth is a 10-hospital, integrated, not-for-profit system serving communities in Alaska, Washington and Oregon. PeaceHealth is a Catholic healthcare ministry with a Mission to *carry on the healing mission of Jesus Christ by promoting personal and community health, relieving pain and suffering, and treating each person in a loving and caring way.*

PeaceHealth has embraced the Community Health Needs Assessment (CHNA) process as a means of realizing our Mission and engaging and partnering with the community in identifying disparities and prioritizing health needs. We also align our work to address prioritized CHNA needs.

PEACEHEALTH SACRED HEART MEDICAL CENTER UNIVERSITY DISTRICT

Established in 1936, PeaceHealth Sacred Heart Medical Center University District is a 104-bed licensed acute care hospital in Eugene, Oregon, that has been serving the community for over 80 years. It is one of four hospitals serving Lane County, and one of two PeaceHealth Sacred Heart facilities in the Eugene-Springfield area. PeaceHealth Sacred Heart University District provides community-based health services, including a newly renovated 35-bed inpatient behavioral health unit, one of the largest in the state of Oregon, and outpatient behavioral health services with specialized services for youth, an integrated behavioral health primary care clinic, a regional infusion center, home health and home infusion, hospice, outpatient rehab, the Oregon Rehabilitation Center, and is also the site for some of PeaceHealth’s most groundbreaking programs in Oregon, including a medical education collaborative program with Oregon Health & Sciences University to address physician shortages in intensive outpatient behavioral health services. Approximately 80% of its patients reside in Lane County, and its secondary service area extends north into bordering counties in the Willamette Valley and south throughout the entirety of Southern Oregon including the coast.



In Fiscal Year 2017, approximately 2,600 individuals received inpatient care at PeaceHealth Sacred Heart University District. Other key statistics include:

- Outpatient clinic visits: 287,817
- Emergency department visits: 32,508

PeaceHealth Sacred Heart University District's 500 caregivers and 900 active medical staff provided \$2.1 million in charity care, and \$10.6 million in total community benefit in Fiscal Year 2018. In the same year, about one third of its patient days were dedicated to patients with Medicaid or self-pay.

2019 CHNA PROCESS


PeaceHealth Sacred Heart University District conducted its 2019 Community Health Needs Assessment (CHNA) process in coordination with its community partners, including, among others, *Live Healthy Lane*, a community-based effort to improve the health and well-being of those who live, learn, work, and play in Lane County. *Live Healthy Lane* is a partnership of the 100% Health Community Coalition administered by United Way of Lane County and funded by Lane County Public Health, PeaceHealth and Trillium Community Health Plan. Numerous community partners interested in improving the health and well-being of those in Lane County are participating organizations in *Live Healthy Lane*.

In the spring of 2019, PeaceHealth Sacred Heart University District conducted a number of key informant interviews and conducted a community convening wherein community members and staff:

- Reviewed results of the 2016 CHNA
- Reviewed current information driving the 2019 CHNA
- Shared knowledge about the community and its health care needs
- Gave feedback that will help drive the CHNA priorities for the next three years.

There was widespread agreement that PeaceHealth Sacred Heart University District should **continue emphasis on its 2016 priorities and continue building on current work efforts.** Other defined needs included:

- **Care Coordination to support behavioral health and substance use patients:** A need to better coordinate primary care and behavioral health office visits for patients with behavioral health needs and complex medical needs.
- **Safe housing:** Expanding safe housing options to allow for hospital-to-home transitions for at-risk populations. The lack of safe housing also results in overuse of the emergency department for safety net services.
- **Maternal child health and childhood development:** Address prevalence of Adverse Childhood Experiences (ACEs).



At various times throughout the nearly eight-month CHNA process, data, findings and input were shared with PeaceHealth Sacred Heart Community Health Board (CHB).

The identified priorities directly align with PeaceHealth's systemwide identified focus areas of need. These focus areas were identified as common to each of the communities PeaceHealth serves across three states, and include:

- Family and childhood well-being, including nutrition and food insecurity
- Affordable housing, including service enriched housing
- Healthcare access and equity
- Behavioral health, including the opioid epidemic

Based on the totality of the process, the focus areas of the 2019-2022 CHNA will be:

- Access to behavioral health services, inclusive of combating the opioid epidemic and provision of mental health services for youth.
- Family and childhood well-being with a focus on food insecurity, active living, and family support services and education offered through community centers
- Affordable housing, including service enriched, emergency and transitional housing
- Care Coordination for complex patients outside of the hospital setting with a focus on access and equity for special populations.

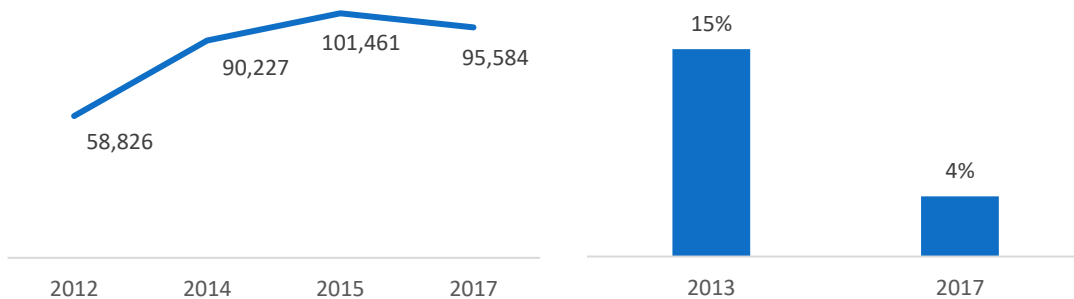
II. Prior CHNAs: Implementation Plan Accomplishments

This 2019 CHNA is the third CHNA developed by PeaceHealth Sacred Heart University District since the implementation of the Affordable Care Act's CHNA requirement.

PeaceHealth Sacred Heart University District's 2013 & 2016 CHNA focused Accomplishments

The 2013 PeaceHealth Sacred Heart University District CHNA identified the problem of health care access and lack of insurance coverage as a key area of focus, and we worked as part of the community coalitions formed across the county for the purpose of helping people sign up for commercial health insurance and Medicaid. By any measure these efforts were successful.

Figure 1: Medicaid Enrollment and Percent Uninsured, Lane County



Source: Oregon Health Authority (Medicaid enrollment) and Oregon Health Insurance Survey, 2017

The 2013 CHNA also identified significant gaps in crucial behavioral health services in Lane County. PeaceHealth Sacred Heart University District and PeaceHealth Sacred Heart at Riverbend worked together to build a new inpatient behavioral health unit, the largest in Oregon (35 beds). Today it serves as a safety net for Lane County and all communities south of Salem. Services include inpatient hospitalization, intensive outpatient and partial hospitalization programs, a youth hub center, early intervention programs, and telemedicine crisis counseling.


PeaceHealth Sacred Heart University District's 2016 priorities included bridging the gap between primary care and behavioral health, coordinating care for patients with complex and chronic conditions, increasing the availability of safe housing discharge options for patients, reducing the overuse of the emergency department for primary care and safety net services, and supporting better health for maternal, children and youth. In adopting its implementation strategies, the PeaceHealth Sacred Heart University District Community Health Board (CHB) considered the size of the population impacted, the needs in relation to hospital competencies, the types of community partnerships that would be required to advance the need, and available resources.

The final 2016 Implementation Plan is restated in Table 1. For each need, a set of initiatives was noted, as was a listing of potential partners, and the expected degree of PeaceHealth engagement was framed in terms of “lead,” “co-lead” or “support.” While the work is ongoing, progress and accomplishments to date are summarized in the table.

Table 1: 2016 PeaceHealth Sacred Heart Medical Center Initiatives

| | Initiatives | Target Population | Potential Partners and PeaceHealth Role | Accomplishments and Activities |
|--------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Behavioral Health | Partner in Lane County supportive housing grants and development | Homeless and post-acute behavioral health patients with complex illness and co-morbidities | ShelterCare; Homes for Good Kaiser Permanente, Lane County Public Health, Trillium Community Health Plan, PacificSource <i>PeaceHealth Sacred Heart Role: Co-lead</i> | Planned Fall 2019 groundbreaking for 51-unit MLK Commons, a community project to house and support people in the community that have been homeless the longest utilizing a Housing First model, in partnership with Homes for Good, Lane County Public Health, Kaiser Permanente, Pacificsource and several other community partners. |
| | Train and employ community health workers in behavioral health | Patients with chronic physical and behavioral health conditions | Lane County Public Health; Oregon Community Health Worker Association, Kaiser Permanente <i>PeaceHealth Sacred Heart Role: Co-lead</i> | 2018 Lane County Community Health Worker Summit planning and sponsorship, convening payors, employers and community health workers for education and development of the community and traditional health worker roles in the community Grant funding and 2019 launch of the Lane County Community Health Worker Hub, a professional and support organization for community health workers in Lane County to promote and expand the roles and professional skills of community health workers |

| Initiatives | | Target Population | Potential Partners and PeaceHealth Role | Accomplishments and Activities |
|--------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Reduce rates of new HIV & HepC infections | IV drug users | HIV Alliance <i>PeaceHealth Sacred Heart</i> <i>Role: Co-lead</i> | Partnership with HIV Alliance of Lane County for support and continuation of the syringe exchange program, to reduce syringe re-use and achievement of zero new HIV and Hepatitis C infections in Lane County |
| Care Coordination for Complex Patients | Increase access to palliative care | People with chronic conditions and elderly populations with a focus on isolated, frail elderly populations | Home Care and Hospice services, Pete Moore Hospice House <i>PeaceHealth Sacred Heart</i> <i>Role: Co-lead</i> | Contribution and program participation with Pete Moore Hospice House, the only residential hospice care in the region, to support the community in end-of-life care outside the hospital setting |
| Housing | Expand Medical Recuperation Program to place discharged patients in safe housing | Homeless and at-risk post-acute patients with complex illness and co-morbidities | ShelterCare; Laurel Hill Center <i>PeaceHealth Sacred Heart</i> <i>Role: Co-lead</i> | 12-unit Phoenix program in partnership with Kaiser Permanente and ShelterCare, providing transitional housing and preparation for permanent housing for long-term unhoused individual Temporary supported housing for medical recuperation, providing patients discharged from inpatient hospitalization a safe and supported place to continue recuperation. |
| Maternal Child Health and Childhood Development | Expand Courageous Kids Grief support program | Children and teens who have experienced the death of someone they love | University of Oregon FHS and CFT program; Lane County School Districts; Lane County Private Schools; Hospice organizations <i>PeaceHealth Sacred Heart</i> <i>Role: Co-lead</i> | Support and funding for the Courageous Kids Grief support in 2017 and program transition into PeaceHealth Medical Group in 2018 |




In addition to the above, and because the CHNA's priorities are not static, PeaceHealth Sacred Heart University District identified and supported a number of other priorities over the past few years focused on **youth mental health** and summarized as follows:

- In response to the lack of residential options for youth mental health services and the alarming increase of youth experiencing extended emergency department stays of weeks or months before appropriate placement is secured, PeaceHealth Sacred Heart University District partnered with multiple agencies and support programs. In early 2018, PeaceHealth organized a **Youth Services Summit** bringing together Child Welfare Services, Lane County Mental Health, representatives from Oregon Governor Kate Brown's office and various school districts to address the issue of prolonged emergency department stays for youth in Mental Health Crisis. This summit created an **inter-agency crisis support team** that activates within 48 hours of an emergency department admission of a youth in mental health crisis.
- PeaceHealth Sacred Heart University District coordinated with Looking Glass Youth Services to secure a licensing exception with the Oregon Health Authority to **re-open a 14-bed youth crisis unit** that had been closed for the past several years due to restrictive legislation. The partnership with Looking Glass also secured funding for the renovation of the **Looking Glass Regional Crisis Unit** that opened in April of 2019, providing residential subacute mental treatment for youth of all genders ages 12 to 18. Upon successful completion of the program, youth are able to discharge to a community-based setting.
- PeaceHealth Sacred Heart University District contributed toward the **submission of a federal grant** to provide housing for unaccompanied homeless youth in partnership with the City of Eugene, Lane Council of Governments and 15th Night youth services organization.

Other initiatives include:

- In partnership with the City of Eugene, Eugene and Springfield Emergency Medical Services, and McKenzie Willamette Hospital, PeaceHealth Sacred Heart University District and the Sacred Heart Foundation jointly contributed to improve **community-wide care coordination for the treatment of stroke and myocardial infarction (STEMI)** through implementation of the **Pulsar mobile technology**, improving and streamlining communications between emergency medical services and EMTs in the field and hospital teams, decreasing treatment times and improving outcomes. With the same partners, PeaceHealth also contributed to community access to the PulsePoint mobile app, making community wide notification of the locations of a heart attack and the need for CPR, and the location of the nearest automated external defibrillator (AED)
- PeaceHealth Sacred Heart University District, as part of a partnership with the city of Eugene, University of Oregon and Social Bicycles by JUMP Bikes, launched the PeaceHealth Rides program in 2018. Access to affordable bicycle transportation encourages healthy active living, provides an affordable transportation option for the



community to attend medical and other appointments, increases access to healthy food sources and in addition, relieves isolation and increases quality of life.. PeaceHealth Rides provides a network of 300 bikes and 39 stations in Eugene for users to pick up and drop off at public locations for one-way trips across the city, including at PeaceHealth Sacred Heart Medical Riverbend. It offers a healthy, convenient and fun way to access services in the community.

Already thousands of people, from college students to senior citizens, have gotten outside and are hopping on the bright blue bikes, which is improving their personal health and the health of their community and environment. PeaceHealth Rides members have logged over 190,175 trips and 210,000 miles since the bike share program launched a year ago on April 19, 2018. In the past year, over 13,000 people have become PeaceHealth Rides members, and they've burned more than 8.2 million calories. By using green transportation, PeaceHealth Rides members prevented more than 181,177 pounds of carbon gases from entering the atmosphere, saving roughly 9,058 gallons of gas.

III. State, Regional and Community CHNA Context

PeaceHealth Sacred Heart University District’s 2019 CHNA process was undertaken within the context, and with the knowledge of other existing, recent or concurrent community health improvement planning efforts in the state, region and county, including:

The Oregon State Health Improvement Plan provides a statewide framework for health improvement efforts and identified its priorities as: prevent and reduce tobacco use, slow the increase of obesity, improve oral health, reduce harms associated with alcohol and substance use, prevent deaths from suicide, improve immunization rates and protect the population from communicable diseases. As of the writing of this CHNA, a 2020-2024 planning process is commencing.



Live Healthy Lane (LHL) is a community-based effort to improve the health and well-being of those who live, learn, work, and play in the Lane County Region. Together, the 100% Health Community Coalition, United Way of Lane County, Lane County, PeaceHealth, Trillium Community Health Plan, and numerous cross-sector community partners are working together to improve the health of the community. This collaborative effort consists of the Community Health Needs Assessment (CHNA) and Community Health Improvement Plan (CHIP). Reducing health disparities, promoting health equity and improving overall population health is the central purpose of this work.

Figure 1. Community Health Assessment Process. Live Healthy Lane



Vision Statement:

Live Healthy Lane: Working together to create a caring community where all people can live a healthy life.

Community Values:

- Compassion
- Equity
- Inclusion
- Collaboration

The United Way of Lane County partners community-wide in support of their vision to create a community where all kids are successful in school and life vision. The organization serves as the administrative body of CHIP and supports a number of impact initiatives, including Healthy and Stable Families, Kindergarten Readiness, Elementary School Success and Youth Knowledge and Skills.

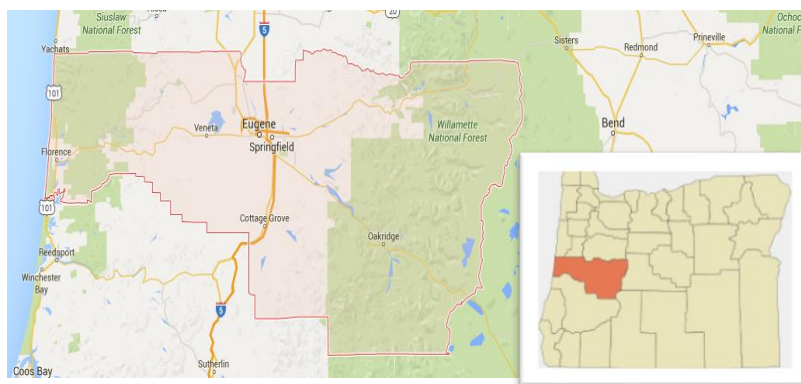


IV. Overview of the PeaceHealth Sacred Heart University District Service Area

DEMOGRAPHIC AND SECONDARY DATA

About 80% PeaceHealth Sacred Heart University District’s inpatients are residents of Lane County. At 4,700 square miles, Lane County ranks no. 5 out of 36 in land area and no. 4 in population with more than 375,000 residents. Lane County is large and geographically diverse, and is one of only two Oregon counties that extends from the Pacific Ocean to the Cascades. Portions of the Umpqua National Forest is in Lane County, and the Willamette, McKenzie and Siuslaw rivers run through it. Eugene is the largest City, with more than 61% of the county’s population.

Lane County encompasses a portion of the Siuslaw Tribal Land. The Siuslaw Tribe is a member of the confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians.



While Lane County is trending better on several health outcomes and in adult smoking, challenges remain. Lane County has higher rates of poverty and has seen an increase in the number of children in poverty and the number of homeless. In addition, there is a housing availability crisis, and Lane County also has one of the highest suicide rates in the state.

Social determinants of health include access to social and economic opportunities; resources and supports available at home, neighborhoods and communities; the quality of schooling; the safety of workplaces; the cleanliness of water, food and air; and the nature of social interactions and relationships. In Lane County, the impact of these social determinants is prevalent with income disparities, which is correlated to housing insecurity and poorer health outcomes related to healthcare

SOCIOECONOMIC DETERMINANTS

High School Diploma Rate:

Lane County: 91.5%
Oregon State: 90.2%

Individuals Living Below the Federal Poverty Line:

Lane County: 18.8%
Oregon State: 14.9%

Children in Poverty:

Lane County: 18.0%
Oregon State: 17.0%

Unemployment Rate:

Lane County: 4.5%
Oregon State: 4.1%

Number of Homeless, Both Sheltered and Unsheltered:

Lane County: 2,165
Oregon State: 14,476

Source: HUD, Lane County PIT
*2019 point in time count

Number of Children Grades K-12 Reported Homeless:

Lane County: 2,296
Oregon State: 21,756
Sheltered: 1,817
Unsheltered: 2,549
Motel/Hotel: 1,236
Living with Other Families: 16,399

equity. People experiencing homelessness, especially children, are more vulnerable to a broad range of acute and chronic illnesses. Additionally, individuals facing homelessness are more likely to have substance use and mental health concerns, which can be difficult to address without the stability of a steady income and secure housing.

Areas of the county also see a high percentage of ALICE households. ALICE is an acronym that stands for Asset Limited, Income Constrained, Employed families. The United Ways of the Pacific Northwest ALICE report summarizes the ALICE families as families that work hard and earn above the Federal Poverty Level (FPL), but do not earn enough to afford a basic household budget of housing, childcare, food, transportation and healthcare. Most do not qualify for Medicaid coverage.

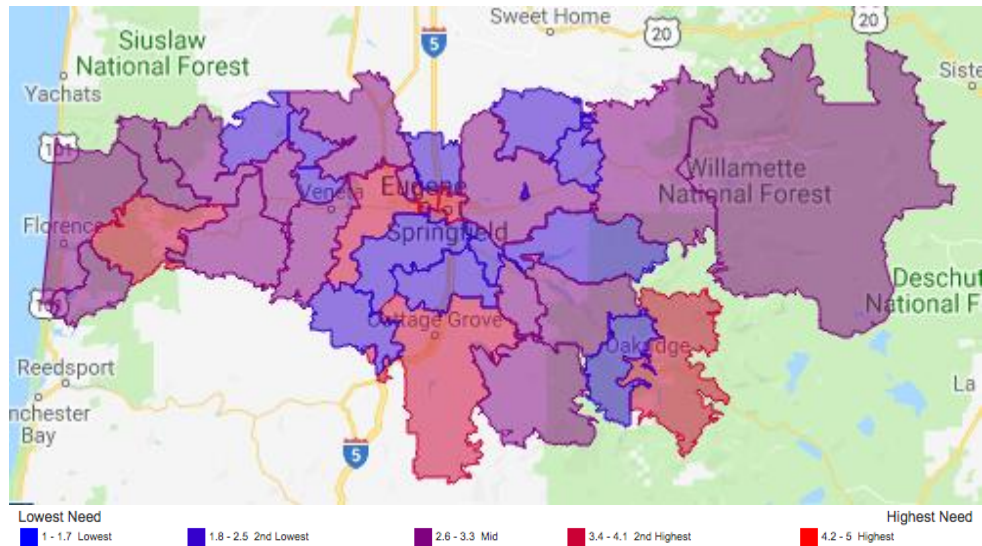
In Lane County, 44% of households are either in poverty or ALICE households. This is higher than the 41% of Oregon state, and there are several areas of the county where the percentage is greater than 50%. Table 2 provides data by each of the cities in the County and shows the disparities between the cities, county and state on the social determinants of health.

Table 2: Lane County Sociodemographic Profile

| City | High school diploma (%) | Individuals living in poverty (%) | Median Household Income | People over age 5 who are linguistically isolated | ALICE (%) |
|----------------------|-------------------------|-----------------------------------|-------------------------|---------------------------------------------------|-----------|
| Cottage Grove | 85.0% | 21.0% | \$40,436 | 3.5% | 53% |
| Creswell | 94.9% | 8.5% | \$58,115 | 0.4% | 39% |
| Eugene | 93.4% | 21.7% | \$47,489 | 3.4% | 47% |
| Florence | 91.0% | 18.6% | \$33,821 | 0.7% | 58% |
| Junction City | 90.3% | 17.1% | \$49,293 | 1.5% | 47% |
| Springfield | 88.1% | 21.3% | \$41,700 | 3.9% | 55% |
| Lane County | 91.5% | 18.8% | \$47,710 | 2.6% | 44% |
| Oregon State | 90.2% | 14.9% | \$56,119 | 5.9% | 41% |

The Community Need Index (CNI), a tool created by Dignity Health, measures a community’s social and economic health on five measures: income, cultural diversity, education level, unemployment, health insurance and housing. The CNI demonstrates that within Lane County, there are pockets of higher and lower need:

Map 1: Lane County, OR Community Need Index Map, 2018



Source: Dignity Health

V. Health Status

The Health Status indicators identified in this section are from primary data from Robert Wood Johnson Foundation's (RWJF) *County Health Rankings*. RWJF's county health rankings data compare counties within each state on more than 30 factors. Counties in each of the 50 states are ranked according to summaries of a variety of health measures. Counties are ranked relative to the health of other counties in the same state.

This is a nationally recognized data set for measuring key social determinates of health and health status. RWJF measures and reports this data annually. The remaining data in this section is organized into four areas defined as systemwide priorities by PeaceHealth in 2018.

These include:

- Family and childhood well-being, including nutrition and food insecurity.
- Affordable housing, including service enriched housing.
- Healthcare access and equity.
- Behavioral health, including the opioid epidemic.

Data in this section is supplemented and expanded with sources from state, regional and local sources, including Behavioral Risk Factor Surveillance System; Oregon Healthy Teens Survey; Oregon Department of Health, Vital Statistics; US Census Bureau; Oregon State WIC; OR Office of the Superintendent for Public Instruction; Feeding America; Enroll America; Centers for Medicare & Medicaid Services; Community Commons.

LANE COUNTY RWJF RANKING

The data in Table 3 tracks Lane County’s progress on the RWJF’s metrics. Lane County has shown improvement in health outcomes, quality of life, clinical care and health behaviors since 2011. However, improvement is still needed in many areas. Specifically, the areas in need of most development are Physical and Environmental Factors and Social and Economic Factors.

Table 3: Lane County Health Rankings 2011-2019
Ranking out of Oregon’s 36 Counties

| Measure | Name | '11 | '12 | '13 | '14 | '15 | '16 | '17 | '18 | '19 | Ranking Change 11-19 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|
| Health Outcomes Mortality and Morbidity | Health Outcomes | 18 | 17 | 17 | 18 | 16 | 12 | 13 | 12 | 11 | +7 ↑ |
| Length of Life Premature death | Length of Life | 13 | 13 | 13 | 13 | 13 | 16 | 13 | 12 | 13 | 0 |
| Quality of Life Poor or fair health, Poor physical health days, Poor mental health days, Low birthweight | Quality of Life | 25 | 20 | 22 | 28 | 24 | 12 | 20 | 17 | 17 | +8 ↑ |
| Health Factors | Health Factors | 11 | 15 | 10 | 7 | 9 | 7 | 12 | 12 | 13 | -2 ↓ |
| Clinical Care Uninsured adults, primary care providers rate, preventable hospital stays, diabetic screenings | Clinical Care | 14 | 7 | 9 | 7 | 7 | 7 | 7 | 6 | 11 | +3 ↑ |
| Health Behaviors Adult smoking, adult obesity, binge drinking, motor vehicle crash deaths, Chlamydia, Teen Birth Rate | Health Behaviors | 13 | 13 | 12 | 12 | 13 | 11 | 13 | 10 | 8 | +5 ↑ |
| Social and Economic Factors High school graduation rate, college degrees, children in poverty, income inequality, inadequate social support | Social and Economic Factors | 12 | 15 | 12 | 13 | 14 | 14 | 14 | 18 | 20 | -8 ↓ |

Family & Childhood Wellbeing, Nutrition and Food Insecurity

WHAT IS CHILD AND FAMILY WELL-BEING?

Child and family well-being are key pillars of a healthy community. Circumstances in pregnancy through early childhood are key predictors of health and well-being later in life. Well-being is envisioned as a community where all pregnant women, infants, children, adolescents and families are well-fed, safe and equipped with resources and knowledge to succeed in school, from kindergarten to high school graduation through the rest of their lives.



WHAT IS FOOD INSECURITY?


The U.S. Department of Agriculture (USDA) defines food insecurity as a lack of consistent access to enough food for an active, healthy life. Hunger and food insecurity are closely related, but distinct, concepts. Hunger refers to a **personal, physical sensation** of discomfort, while food insecurity refers to a **lack of available financial resources** for food at the level of the household. Poverty and food insecurity are closely related. In 2017, an estimated 1 in 8 Americans were food insecure, including more than 12 million children.

According to Feeding America, children who do not get enough to eat — especially during their first three years — begin life at a serious disadvantage. When they're hungry, children are more likely to be hospitalized and they face higher risks of health conditions like anemia and asthma. And as they grow up, children struggling to get enough to eat are more likely to have problems in school and other social situations; they are more likely to repeat a grade in elementary school, experience developmental impairments in areas including language and motor skills and have more social and behavioral problems.

Children struggling with food insecurity and hunger, come from families who are struggling, too. 84% of households Feeding America serves report buying the cheapest food — instead of healthy food — in order to provide enough to eat.

HOW DOES LANE COUNTY FARE?

In social and economic factors, including the percentage of adults who have completed high school and have some college education, as well as the percentage of babies born to single mothers, social associations and unemployment, Lane County is ranked no. 20 out of 36 counties in Oregon. For quality of life, Lane County is ranked no. 17 having made improvements since 2011. However, there are disparities within those areas. The median household income among black households is two-thirds of the county median. More than one third of the children in Lane County live in single parent households and Hispanic teens have a birth rate more than double that of white teens. About 4% of the population is unemployed, which is comparable to the state.



Other factors are as follows:

- The overall poverty rate in Lane County was 19%; this does vary by race. Hispanics and blacks had higher rates of poverty, 22% and 29% respectively. The overall poverty rate for whites was 17%.
- Lane County children’s assessment scores for kindergarten readiness are comparable to the state.
- 58% of renters spend more than 30% of their income on housing.

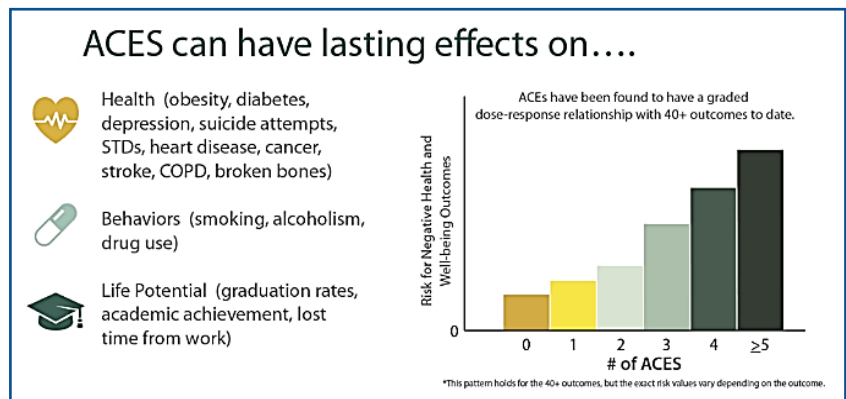
The **food environment index**, which measures access to healthy foods and incomes, for Lane county ranks closely (7.4) to that of Oregon State (7.8). Lane County (6%) is poorer than Oregon State (5%) for limited access to healthy foods and for food insecurity (15% Lane County, 13% Oregon). According to Feeding America, 76% of households in Lane County are below the Supplemental Nutrition Assistance (SNAP) threshold of 200% poverty. Out of that, 53% of students are eligible for free or reduced school lunches compared to 51% for the state.

Deeper Dive

ADVERSE CHILDHOOD EXPERIENCES (ACEs)

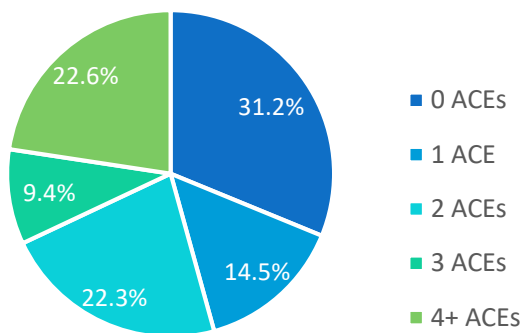
Adverse Childhood Experiences, or ACEs, are traumatic events that occur in childhood and cause stress that changes a child’s brain development. Exposure to ACEs has been shown to have a dose-response relationship with adverse health and social outcomes in adulthood, including but not limited to depression, heart disease, COPD, risk for intimate partner violence, and alcohol and drug abuse. Adverse Childhood Experiences include emotional, physical or sexual abuse, emotional or physical neglect, seeing intimate partner violence inflicted on one’s parent, having mental illness or substance abuse in a household, enduring a parental separation or divorce, or having an incarcerated member of the household.

Figure 2: Association between ACEs and Negative Outcomes



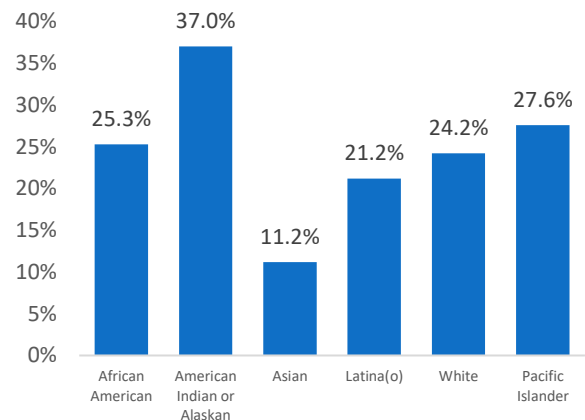
Source: Centers for Disease Control & Prevention, "Association between ACEs and negative outcomes"

Figure 3: Number of ACEs among adults, Oregon



Source: Oregon Behavioral Risk Factor Surveillance System (BRFSS), Preliminary race reporting, 2015-2016

Figure 4: High ACE score (4+) among adults by race and ethnicity, Oregon



Oregon’s ACEs data has been collected from 2013-2018. It identifies ways that childhood trauma affects the life cycle. Over this five-year period, the number of ACEs reported in Oregon has outpaced the United States with 55% of adults reporting 1+ ACEs compared to 45% nationally.

HIGHER RATES OF MATERNAL SMOKING DURING PREGNANCY

Pregnant women in Lane County are more likely to smoke during pregnancy than women in the state and are slightly less likely to receive prenatal care in the first trimester of pregnancy. Smoking during pregnancy imperils the health of women and babies alike and contributes to the high rate of babies born at low birth weight in Lane County. The percentage of live births with low birth weight (<2500 grams) is a key indicator of maternal-child health and well-being because it indicates long-term developmental health and well-being. The rate of low birth weight in Lane County is consistent with rates for Oregon State.

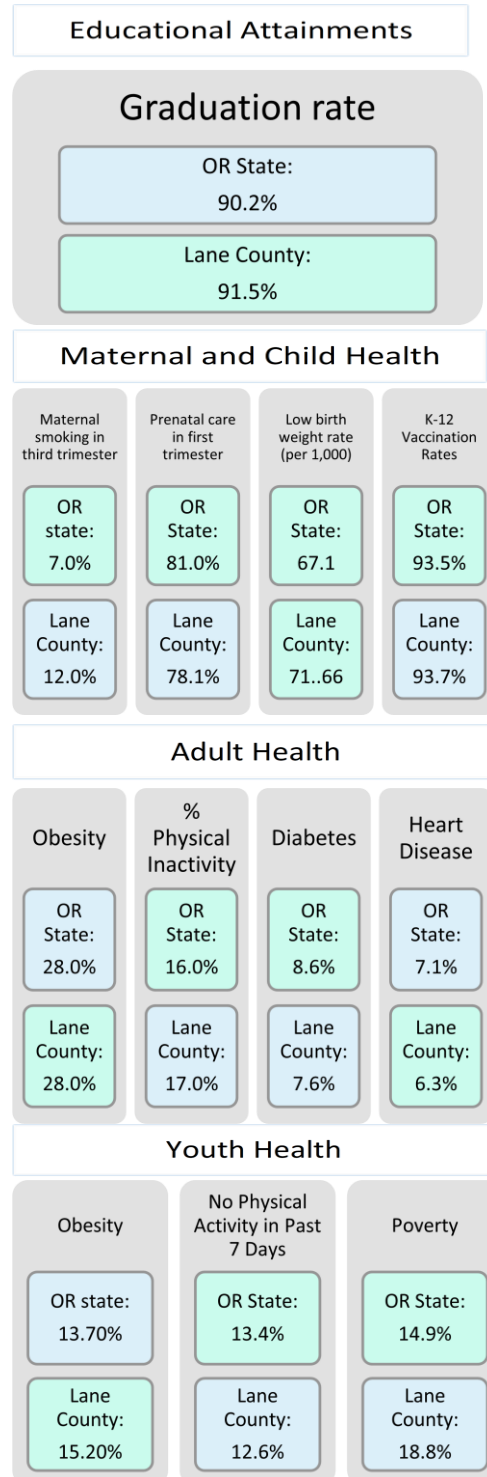
OBESITY AND RELATED CHRONIC DISEASES

There is a clear connection between food insecurity and high levels of stress, which impact educational outcomes, as well as poor nutrition and chronic diet-related diseases, like obesity and diabetes.

More than a fourth of Lane County adults are obese (28%), and 8% of Lane County adults have diabetes, compared to a 9% diabetes rate for Oregon state overall. In Lane County 11 grade population, 15.2% reported that they were obese and 13% reported no physical activity in the past 7 days.

Obesity and diabetes are a risk to the health of Lane County residents, lowering their lifespan, and putting enormous pressure on families and the health care system to provide long-term care for aging relatives with avoidable chronic disease. In Lane County, 16% reported no physical activity, furthering the trends of obesity and related chronic disease.

FAMILY HEALTH & WELLBEING PROFILE



Affordable Housing, Housing Insecurity, Homelessness and Enriched Services



Safe and stable housing is a key component of financial well-being and helps form the basis of good health. Housing challenges occur alongside poverty and food insecurity, together imperiling the well-being of affected households and the community as a whole. Good health depends on having homes that are safe and free from physical hazards. When adequate housing protects individuals and families from harmful exposures and provides them with a sense of privacy, security, stability and control, it can make important contributions to health.

WHAT IS HOUSING INSECURITY?

More than 19 million households in America (or about 30% of all renters) pay more than half of their monthly income on housing. This is a key factor in what the government now refers to as “housing insecurity” , a condition in which a person or family’s living situation lacks security as the result of high **housing** costs relative to income, poor or substandard **housing** quality, unstable neighborhoods, overcrowding (too many people living in the house or apartment for everyone to live safely, and/or homeless (having no place to live, sleeping on the streets or in shelters).

HOW IS HOMELESSNESS DEFINED?

There are a number of definitions. For this CHNA, the U.S. Department of Health and Human Services (HHS) definition used, which is an individual without permanent housing who may live on the streets; stay in a shelter, mission, single room occupancy facilities, abandoned building or vehicle; or in any other unstable or non-permanent situation.

WHAT IS SERVICE ENRICHED HOUSING?

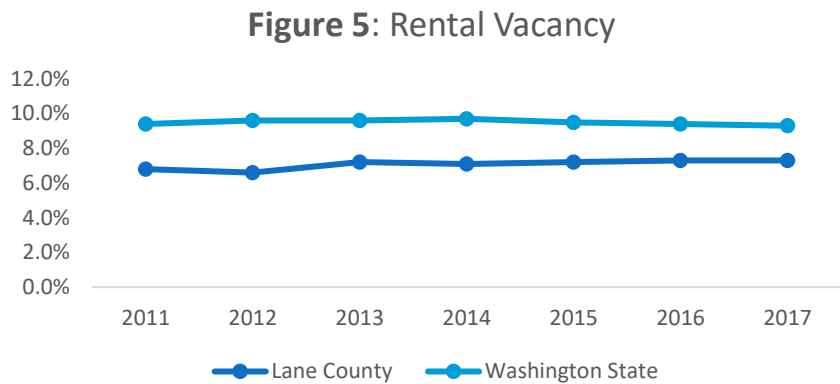
Service enriched housing is permanent, basic rental housing in which social services are available onsite or by referral through a supportive services program or service coordinator. Programs often support low-income families, seniors, people with disabilities or veterans.

HOW DOES LANE COUNTY FARE?

According to County Health Rankings, Lane County is ranked no. 35 out of 36 counties for home ownership. Additionally, 20% of its residents experience severe housing cost burdens compared to the State average of 17%. Areas with extreme housing costs do not allow for equitable opportunities to thrive. Often, low-income residents are forced to select substandard living conditions with increased exposure to environmental hazards that impact health, such as lead or mold, or homes that are not up to standard for healthy living. Residents who lack complete kitchens are more likely to depend on unhealthy convenience foods, and a lack of plumbing facilities and overcrowding increases the risk of infectious disease.

HOUSING AVAILABILITY AND AFFORDABILITY PROFILE

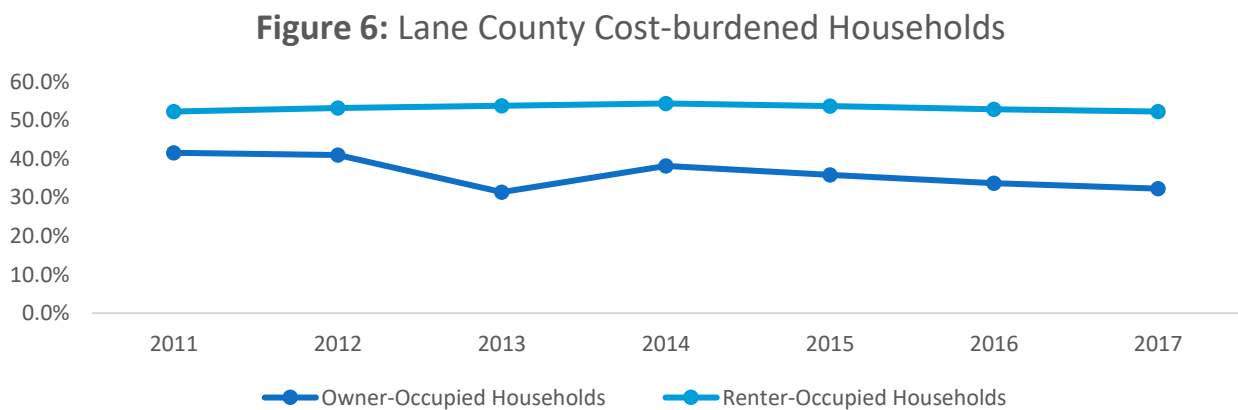
In Lane County, rental vacancy in 2017 sits around 7.3%, which is lower than the 9.3% vacancy rate in Oregon State. According to US Department of Housing and Urban Development (HUD), in the second quarter of 2018, the rental vacancy rate in the Eugene-Springfield area was 2.9%; down from 3.6% from the same period the year before (the area served by PeaceHealth Sacred Heart University District).



Source: U.S. Census Bureau. 2017 American Community Survey

When rental vacancy is low, rates trend higher. Households that pay more for housing will spend less on essential items such as food, childcare, transportation and health care needs. With rental prices averaging \$1,294 a month, those with low incomes and facing severe housing burdens are more likely to experience homelessness.

When looking at the overall cost-burdened households (those that spend more than 30% of income on housing), a disparity is found between those renting and those with owner-occupied homes. Over 50% of households that rent are cost burdened compared to those with mortgages (32%).



According to the 2019 County Health Rankings, the primary problem impacting housing in Lane County is the severe housing cost burden due to income inequality.

SEVERE HOUSING PROBLEMS

In 2019, Lane County (22%) is similar to Oregon State (20%), in that one in five residents is impacted by severe housing problems. Severe housing problems is measured as an overall score, but includes four different types of housing problems:

- Overcrowding.
- High housing costs.
- Lack of kitchen facilities.
- Lack of plumbing facilities.

Deeper Dive

ADULT HOMELESSNESS

Lane County's annual point in time count reported nearly 2,200 individuals were homeless, which was up 32% over the 2018 count. Out of those, 38% are considered "chronically homeless." To be considered chronically homeless, as defined by HUD, a person must be an unaccompanied individual who has been homeless for 12 months or more OR has had four or more episodes of homelessness in the last three years AND those episodes must total 12 months, AND has been sleeping in a place not meant for human habitation OR in emergency shelter, AND has one of the following disabling conditions (mental disorder, substance use disorder, permanent physical or developmental disability). The point in time count included nearly 2,000 households, of which, 66 were children.

Data collected by the state indicates that Lane County has some of the highest rates of homelessness in Oregon.

The number (and percent) of 2,165 counted individuals with any of the HUD characteristics of chronic homelessness include:

- 436 (76%) unaccompanied, single individuals.
- 87% of people experiencing homelessness were single adults.
- 841 (39%) who have had four or more episodes of homelessness in the last three years AND those episodes total at least 12 months.
- 25% reported substance use.
- One third reported living with a mental health condition.
- 2,070 stayed at the Eugene Mission in 2018.

AFFORDABLE HOUSING, HOUSING INSECURITY, HOMELESSNESS AND ENRICHED SERVICES

The Oregon Healthy Teens (OHT) Survey is an anonymous and voluntary survey of 8th and 11th grade youth conducted in odd-numbered years. The survey is sponsored by the Oregon Health Authority (OHA) in collaboration with the Oregon Department of Education. The Robert Wood Johnson County Health Rankings provide estimates of individuals who have 'severe housing problems,' meaning individuals who live with at least one of four conditions: overcrowding,

high housing costs relative to income, or lack of kitchen or plumbing, as well as a measure of income inequality at the county and state level, which is the ratio of household income at the 80th percentile to income at the 20th percentile. Community Commons provides maps of census-tract level data, including housing cost burden. The United Way Pacific Northwest ALICE report provides county-level estimates of ALICE households and households in poverty. County Health Rankings, U.S. Census, and business data to provide an overview of measures that matter for health.

Health Care Access and Equity



Access to quality, affordable, comprehensive care throughout the life course is an important facet of community wellness. We envision a community where all people have access to quality, affordable preventive and acute care, including mental health and dentistry, throughout the life course. Many disparities in health are rooted in inequities in the opportunities and resources needed to be as healthy as possible. The determinants of health include living and working conditions, education, income, neighborhood characteristic, social inclusion and medical care. An increase in opportunities to be healthier will benefit everyone, but more focus should be placed on groups that have been excluded or marginalized in the past.

WHAT IS HEALTH CARE EQUITY?

The RWJF states that Health equity means that everyone has a fair and just opportunity to be as healthy as possible. This requires removing obstacles to health such as poverty, discrimination, and their consequences, including powerlessness and lack of access to good jobs with fair pay, quality education and housing, safe environments, and health care.



Fig 1: Equality and Equity. Credit to: Robert Wood Johnson Foundation

HOW IS HEALTH CARE ACCESS DEFINED?

Access means ensuring that all people have the opportunity to get the medical, public health and social services they need to live healthier lives. Access includes affordability. The ability to get healthcare when it's needed not only affects a person's ability to recover from disease or injury, it can also help maintain healthy development throughout life and prevent disease or injury in the first place.

HOW DOES LANE COUNTY FARE?

Healthcare delivery factors include the ratio of physicians, dentists and mental health providers to the population, as well as certain measures of access to care (percentage of Medicare recipients receiving mammograms and flu shots). Lane County ranks no. 13 out of 36 counties in Oregon for Health Factors and no 11 of 36 counties for Clinical Care. While this puts Lane County in the top three of these areas, there is still more to consider when evaluating healthcare equity. To get a true measure of equity, social and economic factors, including the percentage of children in poverty, violent crime, and income inequality must be considered. Further, healthcare equity is a determining factor of greatest need. By further viewing these factors through the lenses of age and race, we can find which groups would benefit most of services. Areas in need of improvement for Lane county are overall uninsured, income inequality, and provider to patient ratios.

Table 4: Lane County Health Equity System Profile

| Topic | Lane County | Oregon State |
|----------------------------------------------------------|-------------|--------------|
| Primary Care Ratio | (1,192:1) | (1,082:1) |
| Dentist Ratio | (1,388:1) | (1,260:1) |
| Mental Health Ratio | (125:1) | (210:1) |
| Uninsured Rate | 8% | 7% |
| Uninsured Adults | 9% | 9% |
| Uninsured Children | 4% | 3% |
| Children in Poverty | 18% | 17% |
| Children Eligible for Free or Reduced-Price Lunch | 53% | 51% |
| Unemployment Rate | 4.5% | 4.1% |
| Mammography Screening | 41% | 40% |
| Flu Vaccination | 46% | 40% |
| Violent Crime Rate | 330 | 249 |
| Linguistically Isolated | 2.6% | 5.9% |
| Income Inequality Ratio | 4.8 | 4.6 |

Source: County Health Rankings, American Community Survey

Deeper Dive

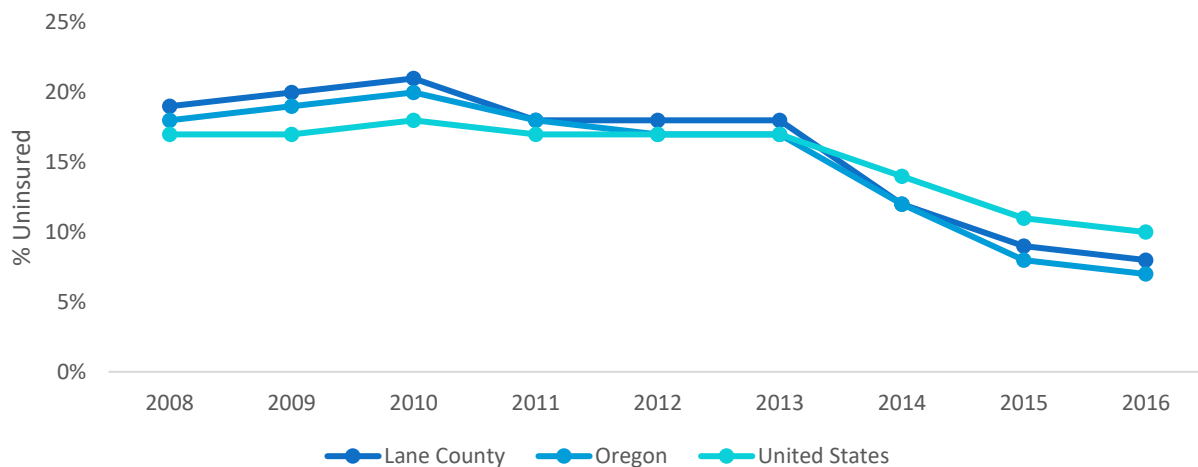
ACCESS TO CARE

When community residents access preventive services, the number of emergency hospitalizations and costly treatments for disease are often reduced.

The total number of uninsured residents of Lane County (8%) remains close to that of Oregon State (7%). Looking deeper into the data, the rate of uninsured children in Lane County is 4% (which is higher than the State average of 3%). The lower rate for children is due to the Children's Health Insurance Program (CHIP). To assure ongoing access to care, the state of Oregon elected to continue CHIP coverage, despite its nonrenewal by Congress in 2017.

People without health insurance are less likely to receive preventative care and services for major health conditions and chronic diseases. The trend of uninsured residents in Lane County can be seen in Figure 7 below.

Figure 7: Uninsured Trend in Lane County, OR
County, State, and National Trends



Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities

PREVENTABLE HEALTH MEASURES INEQUALITIES

The ability to access preventable screenings and vaccines is key in not only early detection, but also allows for overall prevention, earlier treatment, better outcomes and reduced financial and healthcare burdens. Regular health screenings can identify diseases early and vaccines can prevent them from every occurring. By utilizing these services, severe health complications can be avoided, and preventable hospitalizations can be minimized.

Although Lane County shows positive rates of mammography and flu vaccine screenings above the state average, there is still room to improve. When broken down by race, disparities can be seen. For mammography, Hispanics have the lowest rate of screenings at 35%. Within flu vaccinations, Hispanic residents also have the lowest rate at 38%.

PREVENTABLE HOSPITAL STAYS

Hospitalization for ambulatory care sensitive conditions, which can be diagnosed and treated in outpatient settings, suggest a lack of access to quality preventive/primary care, and represent overuse of hospitals as a main source of care.

Understanding preventable hospitalizations can help us identify gaps in primary care.

According to the U.S. Department of Health & Human Services, the Prevention Quality Indicators (PQIs) are a set of measures that can be used with hospital inpatient discharge data to identify quality of care for "ambulatory care sensitive conditions" (ACSC). These are conditions for which good outpatient care prevents disease complications and the need for hospitalization. A higher PQI rate indicates a greater rate of hospitalizations for ACSC, and poorer access to quality primary care. Lane County has a rate of preventable hospitalizations similar to Oregon overall, and lower than the national average, suggesting that clinical care is a relative strength of the Lane County community.

Figure 8: Lane County, Mammography Screenings and Flu Vaccinations by Race, 2019 County Health Rankings

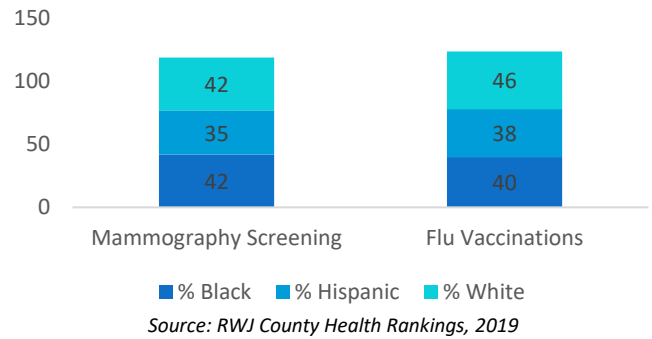
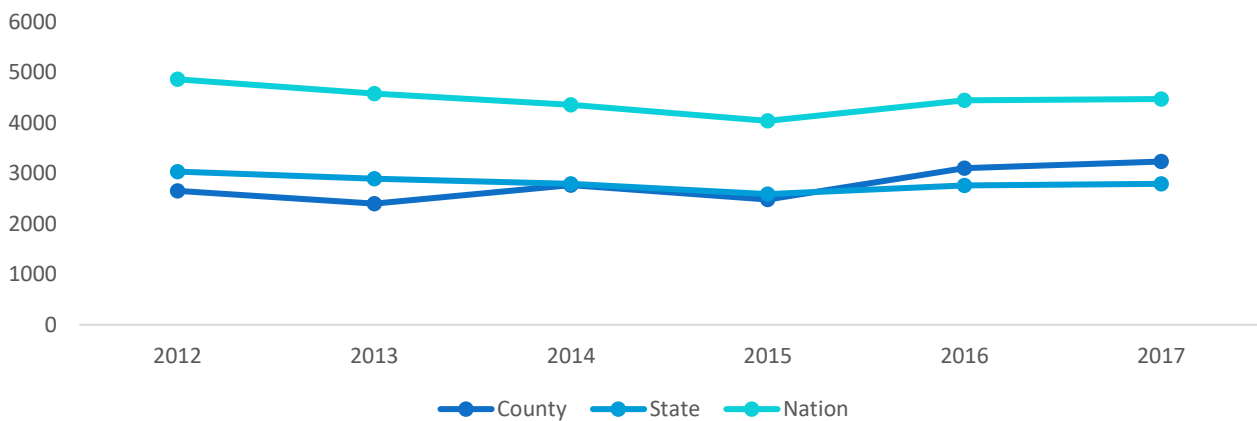


Figure 9: Prevention Quality Indicator (PQI)
(per 100,000 beneficiaries, per year)



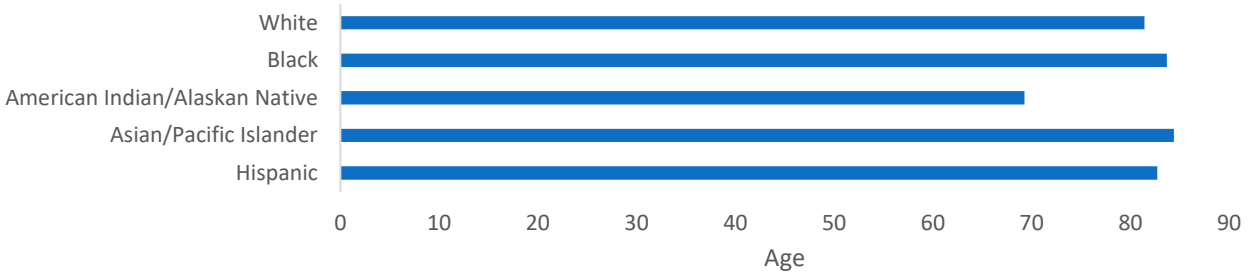
Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities, PQI-90 Composite Score

LIFE EXPECTANCY

A death is considered premature if it occurs prior to the age of 65. For Lane County, the average life expectancy at birth is 79.2 years. While this is fairly similar to the state average of 79.6, disparities can be seen by race.

The American Indian/Alaskan population shows the highest rates of premature deaths and shortest life expectancy. With 3.3% of the Lane County population being American Indian/Native Alaskan, work towards healthcare equity is needed.

Figure 10: Lane County Life Expectancy by Race, 2016



Source: RWJ County Health Rankings, 2019

Behavioral Health and the Opioid Epidemic



WHAT IS BEHAVIORAL HEALTH?

Behavioral health is an umbrella term that includes mental health and substance abuse conditions, life stressors and crises, stress-related physical symptoms, and health behaviors. Behavioral health issues can negatively impact physical health, leading to an increased risk of some conditions.

WHAT ARE OPIOIDS?

Opioids are a class of drugs that include the illegal drug heroin, synthetic opioids such as fentanyl, and pain relievers available legally by prescription, such as oxycodone (OxyContin®), hydrocodone (Vicodin®), codeine, morphine and many others. When used correctly under a healthcare provider's direction, prescription pain medicines are helpful. However, misusing prescription opioids risks dependence and addiction.

Table 5: Lane County Behavioral Health Profile

| Topic | Lane County | Oregon State |
|----------------------------------------------------|-------------|--------------|
| Mental Health Provider Ratio | (125:1) | (210:1) |
| Excessive Alcohol Use | 19% | 19% |
| Adult Smoking | 15% | 16% |
| 11th Graders Smoking | 7.7% | 7.4% |
| 11th Graders Vaping | 4.6% | 5.7% |
| Drug Overdose Death Rate, per 1,000 | 19 | 13 |
| Deaths Due to Any Opiate, per 100,000 | 9.11 | 7.15 |
| % of Deaths Due to Alcohol and Driving | 31% | 32% |
| Frequent Mental Distress | 12% | 14% |
| Average Number of Mentally Unhealthy Days | 4.2 | 4.5 |
| Adult Depression | 19.7% | 21% |
| 11th Graders Considering Suicide | 19.3 | 18.2 |

Source: County Health Rankings; Chronic Disease Profile, Healthy Teens Survey.

HOW DOES LANE COUNTY FARE?

In health behaviors, which include substance use (drugs, alcohol or smoking) and overdose rates, Lane County ranks within the top 10 counties at no. 10 out of 36 counties in Oregon. Lane County residents smoke less, and experience alcohol less, though there is a higher rate of overdose than Oregon State (13) with a drug-related mortality rate of 19.

Deeper Dive

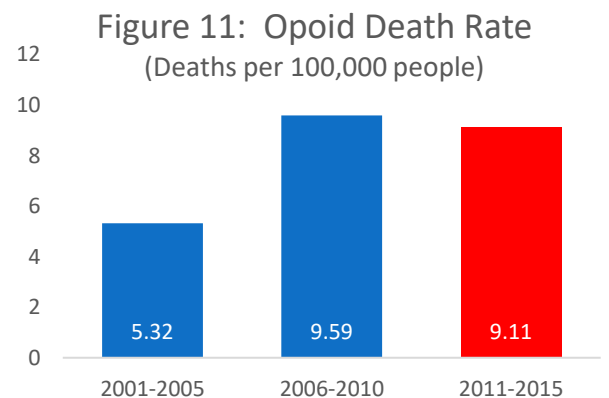
MENTAL HEALTH

Lane County had a significantly higher suicide rate than the state as a whole (20.1 per 100,000 vs. 17.7 for the state). Unintentional injury rates are higher as well (51.9 per 100,000 vs. 42.1 for the state)

GROWTH OF OPIATE ABUSE

Lane County ranks no. 7 in the state in terms of opioid death rates. As Figure 11 indicates, while the death rate has declined slightly, it is significantly higher than the 2001—2005 death rate.

State policies in Oregon have been developed to mitigate the impact of increased opioid use. These include: the operation of syringe exchange programs, Good Samaritan laws that provide legal protections to bystanders who call for help in the event of an overdose, and state Medicaid coverage of methadone for the treatment of opioid use disorder. In 2019, in Lane County, there are five facilities providing some Medication Assisted Treatment.



Source: Mark Graves, *The Oregonian/OregonLive*:

VI. PeaceHealth Defined System Level Gaps

In 2018, PeaceHealth identified four systemwide primary pillars of a healthy community, which appear universal in the communities across the three states PeaceHealth serves. These needs were confirmed through key informant interviews which allowed feedback from the individuals “on the ground” in providing community health initiatives. While these do not supplant the local CHNA process, they are insightful and provide insight into potential focus areas and identify.

The four areas, their impact on community health are summarized below, and possible action steps for PeaceHealth are summarized below.

Family and Childhood Well-Being, Nutrition and Food Insecurity

More than 215,000 individuals in the PeaceHealth three-state, ten-county Service Area are food insecure, and 25% of them earn too much to qualify for assistance. Making food insecurity a systemwide community health priority is crucial to ensuring the well-being of the communities served and fulfills PeaceHealth’s Mission and Core Value of Social Justice.



Taking Action:

1. Expanding successful partnerships in the area of food insecurity and nutrition and broadening PeaceHealth’s participation wherever possible.
2. Identifying program gaps to make a meaningful difference.
3. Empowering caregivers to be community-based and trained with skills to identify food and nutrition-related issues.
4. Partnering with others to improve nutrition and nourish the community.
5. Advocate for programs that provide nutritional assistance and education.
6. Educate and engage through access to emergency assistance to the PeaceHealth family and community.

Impact on Community Health

- There is a clear connection between food insecurity and diet-related disease.
- Children can suffer a lifetime of consequences including a higher risk of chronic diseases, learning difficulties and social and behavioral problems.

The infographic features four icons in a row, each with a label below it: a hand holding a glucose meter for DIABETES, a stethoscope for HYPERTENSION, a heart for HEART DISEASE, and a person for OBESITY. Above the icons is a family silhouette icon.

Affordable Housing, Housing Insecurity, Homelessness and Enriched Services



Overall, individuals that are unable to secure a stable basic household budget due to the lack of affordable housing options. Low-income households that spend more than 50% of their income on housing costs are spend 41% less on food and describe their health as fair or poor. Social determinants, including poverty and housing instability, make up 60% of health outcomes.

Taking Action:

1. Partnering with others to provide emergency and transitional housing along with prescriptions, medical equipment and transportation assistance.
2. Collaborate to reduce housing costs for families and patients seeking treatment.
3. Contribute to supporting the cost of resident services.

Deeper Dive

Unaffordable housing impacts other areas of health, with research showing:

- As a state's average rent increases, the food insecurity rate also increases.
- Low-income households that spend more than 50% of their incomes on housing costs spend 41% less on food each month than similar households.
- Adults living in unaffordable housing are more likely than other adults to describe their health as fair or poor.
- Living in unaffordable housing is associated with higher levels of stress, depression and anxiety.
- Stable housing is a key intervention for people who experience serious mental illness.

What are the different types of housing in play?



Healthcare Access Equity



Many of the patients served by PeaceHealth have difficulty managing care at home due to lacking adequate home care support. To bridge the gap between providers and patients, community health workers (CHWs) offer support. CHWs assist patients in developing the skills and relationships needed to manage their own health and navigate the healthcare system, which makes for more equitable access to care.

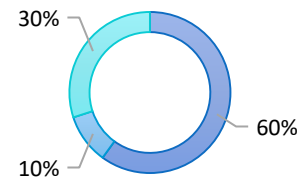
Impact on Community Health

CHWs are frontline public health workers who are trusted members of the community with shared experiences and a close understanding of those they serve. They are effective in bridging care because they are able to respond creatively to the unique needs of diverse individuals and communities. This results in:

- **Improved health outcomes;**
- **Reduced readmissions and emergency room visits; and**
- **Educated and empowered patients and families.**



Determinants of Health



■ Social ■ Health Care ■ Genetics

Taking Action:

1. Employing Patient Health Navigators, Care Management, Behavioral Health, and Caregivers
2. Contracting with Community Connector Programs and Care Navigators
3. Connecting Patients to contacts that will assist in setting appointments and other health needs
4. Partnering with community services to collaborate on health, dental, and social services for children, families, & pregnant women



Behavioral Health and the Opioid Epidemic

PeaceHealth is using a multidisciplinary approach to halt the opioid epidemic and heal patients and families suffering from substance use disorders and chronic pain. Focusing on prevention through “fire proofing,” PeaceHealth is implementing a strategic plan to curtail opioid use and treat behavioral health disorders stemming from substance abuse.



Taking Action:

1. Creating standard guidelines and alternatives to opioids such as acupuncture and yoga for the treatment of chronic pain.
2. Implementing new tools to document and report opioid usage.
3. Holding physicians and prescribers accountable with peer reviews.
4. Preventing and treating by creating Narcan (naloxone) policies and procedures, treatment programs, and prescribing suboxone to treat addiction.
5. Partnering with behavioral health centers for treatment of substance abuse disorders.

The Need

“The current opioid epidemic is the deadliest drug crisis in American history.” — *The New York Times*, 10/26/2017

- Overdoses, fueled by opioids, are the leading cause of death for Americans under 50 years old.
- Declared a public health emergency in October, 2017, this epidemic impacts every segment of our society — young and old, rich and poor, urban and rural.
- It has its roots in the over-prescription and misuse of opioid painkillers, and now the availability of inexpensive, illegal opioids (like heroin and fentanyl), is rapidly adding fuel to this fire.

Facts & Faces of Opioid Addiction

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 4.3 million Americans use opioids for non-medical purposes. — National Survey on Drug Use and Health | 77% 21–35 year olds represent the majority of opioid use disorder patients entering treatment. ¹ |
| 78 people die each day from prescription painkiller overdose. — Centers for Disease Control | 70% of patients with dependency on opioids, opiates or heroin entering treatment are male. ² |
| 21.2 years is the average age for first-time use of prescription painkillers in the past year. — National Survey on Drug Use and Health | 1.6x likelihood that a patient in treatment for opioid use disorder has chronic pain. ³ |

^{1, 2, 3} MAP Health Management analyzed data for 30 substance abuse treatment facilities nationwide, including 734 individuals entering treatment during 2015–16.

VII. Community Convening

Community input was secured in a number of ways. First, PeaceHealth Sacred Heart University District, as a founding and active member of *Live Healthy Lane* supported a Care Integration Assessment (CIA) convening which was facilitated by Rick Kincade, MD, from Lane County's Health and Human Service's Community Health Centers. The session included 29 leaders from diverse sectors, including housing, healthcare, behavioral health, oral health services, public health, education and social services to discuss opportunities, barriers and needed resources. Secondly, PeaceHealth conducted a survey of key informants and stakeholders, both internal and external. Finally, PeaceHealth Sacred Heart University District conducted a community open house on April 1, 2019.

CARE INTEGRATION ASSESSMENT

Using the snow card technique (Bryson, 2004), a straightforward and effective approach for generating a list of information from a group of people, participants were asked to consider opportunities in which better integration of services could improve efficiency and quality of care in a number of domains, including food, oral health, public health, housing, education, substance use and physical and mental health, among others. Questions that were posed during the assessment included:

- What gaps in services need to be addressed?
- What systems of care would need to interact to improve efficiency in care delivery?
- What are the barriers to more effective integration?
- In what areas of the previous CHNA/CHIP did integration improve outcomes? Could these be leveraged in the next CHIP?
- What opportunities or resources could be available over the next CHIP cycle that could improve the chance of meaningful integration?

KEY INFORMANT SURVEYS

PeaceHealth Sacred Heart University District surveyed community leaders from organizations throughout the County representing perspectives from medically underserved and vulnerable groups. Respondents represented the following organizations:

- South Lane Mental Health
- Family Relief Nursery
- South Lane School District
- South Lane Children's Dental Clinic
- Siuslaw Vision
- Lane Community College
- Laurel Hill Center

We also surveyed key staff. Within PeaceHealth's Lane County staff, responses were provided by community health workers, providers, behavioral health workers, nurse managers and the PeaceHealth Sacred Heart University District Foundation.



The key informant surveys were designed to collect input on the following:

- Health needs and gaps of the community.
- Feedback on the 2016 CHNA priorities and accomplishments to date.
- Secondary data gathering for 2019 CHNA.

COMMUNITY OPEN HOUSE

In early April, PeaceHealth Sacred Heart University District held a community open house. Participants were asked to review data on population, socioeconomics, 2016 CHNA priorities and systemwide priorities around housing, family and child well-being, food insecurity, equity and behavioral health. They were then asked to provide their input into priorities and, importantly, provide input on anything that may have been missing. The input was provided both verbally and within a written survey. The process was specifically designed to provide flexibility for participants.

The key takeaway from the community convenings is that PeaceHealth Sacred Heart University District should **continue emphasis on its 2016 priorities and continue building on current work efforts**. Other defined needs/conclusions included:

- **Care Coordination to support behavioral health and substance use patients:** A need to better coordinate primary care and behavioral health office visits for patients with behavioral health needs and complex medical needs.
- **Safe housing:** Expanding safe housing options to allow for hospital-to-home transitions for at-risk populations. The lack of safe housing also results in overuse of ED for safety net services.
- **Maternal child health and childhood development:** Address prevalence of ACEs.

VIII. Next Steps:

Consistent with 26 CFR § 1.501(r)-3, PeaceHealth Sacred Heart University District will adopt an Implementation Strategy on or before the 15th day of the fifth month after the end the taxable year in which the CHNA is adopted, or by November 15, 2019. Prior to this date, the Implementation Plan will be presented to the Community Health Board for review and consideration. Once approved, the Implementation Plan will be appended to this CHNA and widely disseminated. It will serve as PeaceHealth Sacred Heart University District's guidance for the next three years in prioritizing and decision-making regarding resources and will guide the development of an annual plan that operationalizes each initiative.

IX. Data Sources:

HEALTH CARE ACCESS AND EQUITY DATA SOURCES

The Robert Wood Johnson Foundation County Health Rankings aggregates provider and US Census data to provide an overview provider to resident ratios and overall clinical care relative measures and shows preventable hospitalization rates. The Mapping Medicare Disparities (MMD) Tool contains health outcome measures for disease prevalence, costs, hospitalization for 60 specific chronic conditions, emergency department utilization, readmissions rates, mortality, preventable hospitalizations, and preventive services. The US Census measures the percentages of individuals living in poverty, in linguistic isolation, and adults who are unemployed. Centers for Medicare & Medicaid Services.