

# West Eugene, Oregon Cancer Analysis

## What is a cancer analysis ?

An analysis using existing data from the Oregon Health Authority to determine the number of cancer cases that occur in a group of people in a particular geographic area over a limited period of time.

|                           |                          |                             |                                    |
|---------------------------|--------------------------|-----------------------------|------------------------------------|
| <b>Available Data</b><br> | <b>Rapid Process</b><br> | <b>Lag in reporting</b><br> | <b>Cause of cancer unknown</b><br> |
|---------------------------|--------------------------|-----------------------------|------------------------------------|

While a rapid process, there is usually a 2 year lag in reporting of cases to the Oregon Health Authority, and this analysis cannot determine what caused the cancer.

### Who

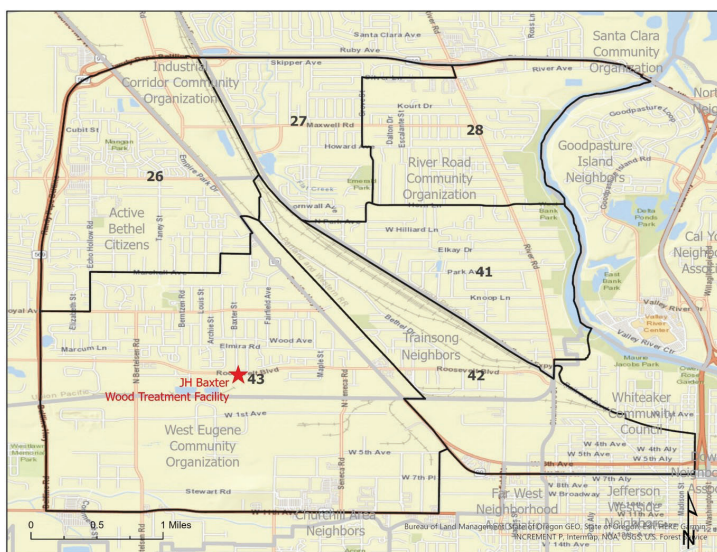
Oregon Health Authority

### What

Evaluated 22 cancer types in 6 census tracts between 2000 - 2018.

### Why

Requested by the West Eugene communities who are concerned about cancer rates in the area



The numbered black outlines represent the different census tracts included in this analysis.

## What questions can be answered by existing data?

|   | CANCER ANALYSIS | RISK ASSESSMENT |
|---|-----------------|-----------------|
| <b>ARE CANCER RATES HIGHER IN WEST EUGENE?</b><br>Yes. Out of 22 cancer types analyzed, rates of lung cancer and Hodgkin's Lymphoma were slightly higher. For the other 20, rates were the same or lower than expected.   | ✓               | ✗               |
| <b>WHAT CAUSED THE INCREASED RATES OF CANCER?</b><br>Unfortunately a cancer analysis only tells us if rates are higher or lower than what we expect. It cannot tell us what might be causing the increased rate of cancer.  | ✗               | ✗               |
| <b>WHAT ABOUT OTHER HEALTH CONCERNS?</b><br>A cancer analysis only looks at cancer rates. A risk assessment however can look at all the different chemicals in the air, water, and soil, and determine if this increases your risk to many different diseases. This process identifies environmental hazards and predicts how they may impact health. | ✗               | ✓               |