











## **Pacific Northwest Regional Site**

Center for Disease Control + Prevention

## Office of Environmental Health

Miranda Sawyer | Thesis Project | 2016

Zidell Yards is the largest, as well as one of the last undeveloped sites in Portland, OR. A once polluted industrial site now becomes the missing link between a range of new and upcoming medical research centers. Collaborating with OHSU, PSU, Health Authorities, investors and the city of Portland, the 15acre will transform itself into a complex dedicated to making a healthier future for the region, country, and world. The Office of Environmental Health seeks to promote healthy living through public engagement, collaborative research, analysis, and environmental monitoring.

Health :: the state of being bodily and mentally vigorous and free from disease

hroughout history, the biggest threat to humanity has been the diseases we extract from our environment. Design of our habitat is more often prescribed by health authorities than by architects. The health industry is constantly evolving and adapting according to new knolwedge and the demands of society.

Over the past 100years, the threat has shifted from bacterial diseases to "lifestyle" diseases; heart disease, cancer, and respiratory diseases. Can the answers to mitigating modern day diseases be found within our urban environment?

202.2 deaths per 100,000 Influenza and

Pneumonia

355.5 deaths per 100,000 Heart Disease

192.9 deaths per 100,000 Heart Disease

75million deaths :: 1/3 Europe 1340-1771 Black Death

28,000-150,000 deaths annually

Cholera Found most often in areas with poor or

inadequate water treatment, sanitation

1817-present

and hygiene practices

United States of America

Leading Causes of Death

U.S. 2015

Heart Disease heart healthy diets and ph







