Welcome to the Port of Seattle Equity Index Webinar

Virtual Meeting Guidance
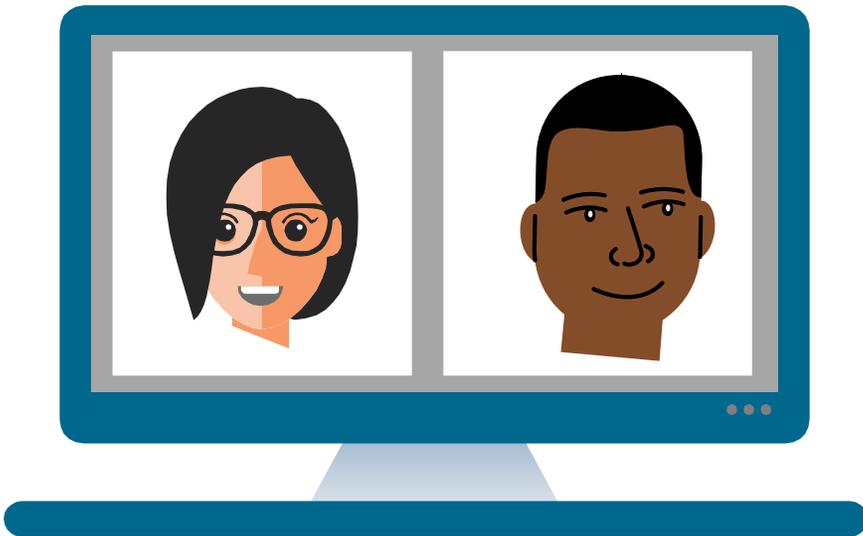
- Turn Off Mics When Not Talking
- **Ask Questions,** Either:
  - In the Chat Feature
  - Raise Your Hand to Talk
- **Notice:** *This session is recorded and subject to public disclosure. By participating in this Session, you are providing consent to being recorded and potentially having the recorded forwarded to other parties. This Session will be posted to YouTube for later public viewing.*
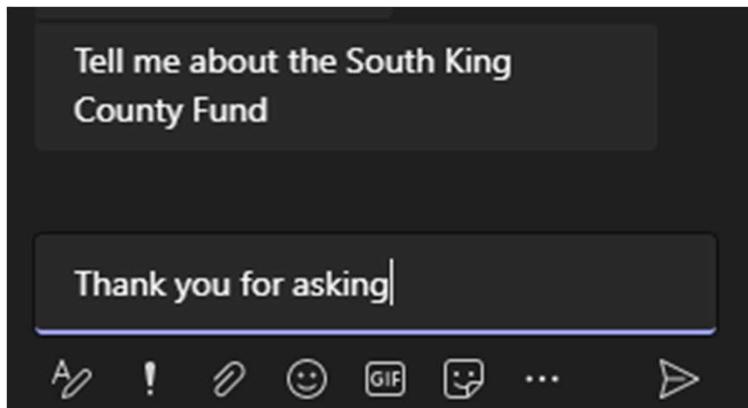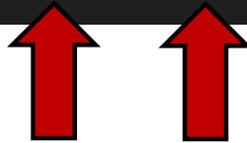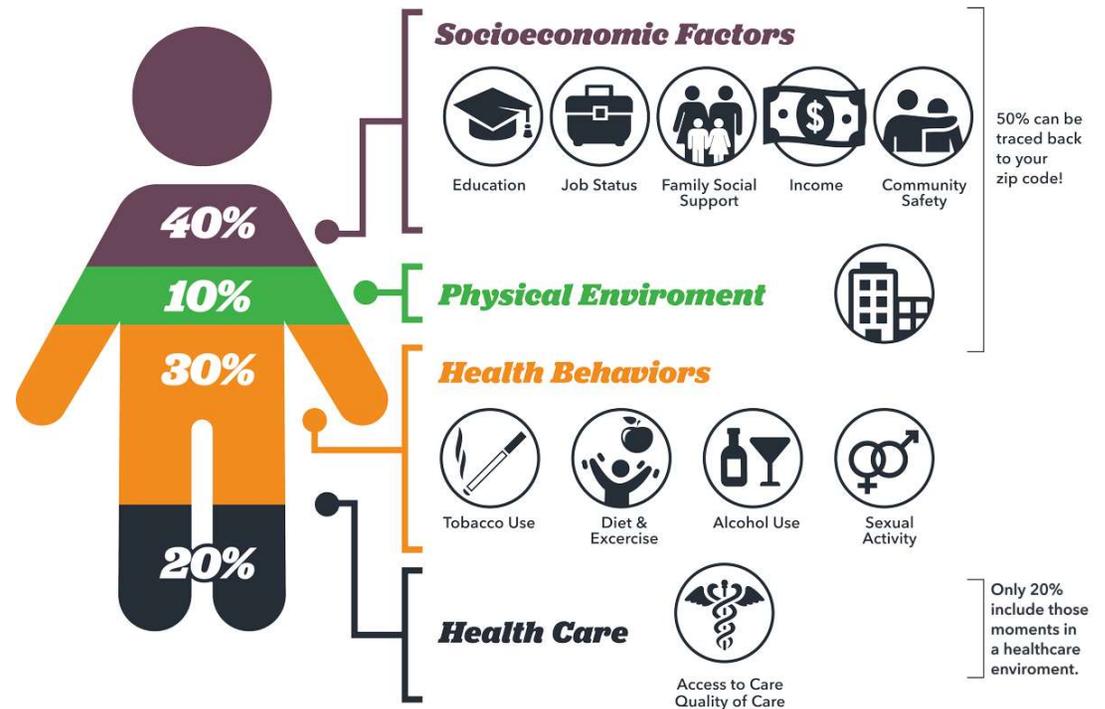
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Navigating MS TEAMS

- Turn Off Mics When Not Talking

- **Communicating in MS Teams:**
  - Use the Chat Feature
  - Raise Your Hand to Talk

Tell me about the South King County Fund

Thank you for asking|

Agenda

- Background
- Method
- Index
- Next Steps
- Demonstration

What influences health & well being?

Socioeconomic Factors

Education | Job Status | Family Social Support | Income | Community Safety

40%

50% can be traced back to your zip code!

Physical Enviroment

10%

Health Behaviors

30%

Tobacco Use | Diet & Excercise | Alcohol Use | Sexual Activity

Health Care

20%

Access to Care Quality of Care

Only 20% include those moments in a healthcare enviroment.

Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems (October 2014)

Two Communities

During COVID-19

Most Impacted

- ❖ Economic Stress
- ❖ Environmental Stress
- ❖ Health Stress

10 ... 1

❖ Job Loss

❖ Mental Strain

❖ COVID - 19

Least Impacted

- ❖ Solid Economy
- ❖ Quality Environment
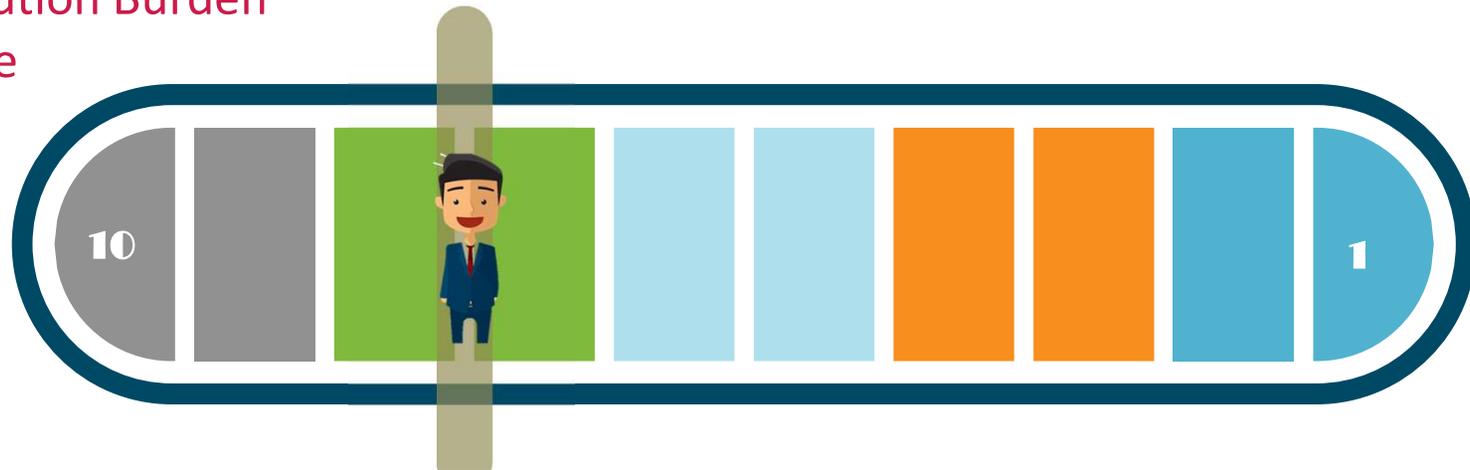- ❖ No Underlining Aliments

10 ... 1

Equality

During COVID-19

Most Impacted

10   1

- ❖ Economic Recovery
- ❖ Lower Pollution Burden
- ❖ Health Care

10   1

Least Impacted

Equity

During COVID-19
Prioritizing the Most Impacted Communities

Most Impacted

10 ... 1

❖ Economic Recovery
❖ Lower Pollution Burden
❖ Health Care

10 ... 1
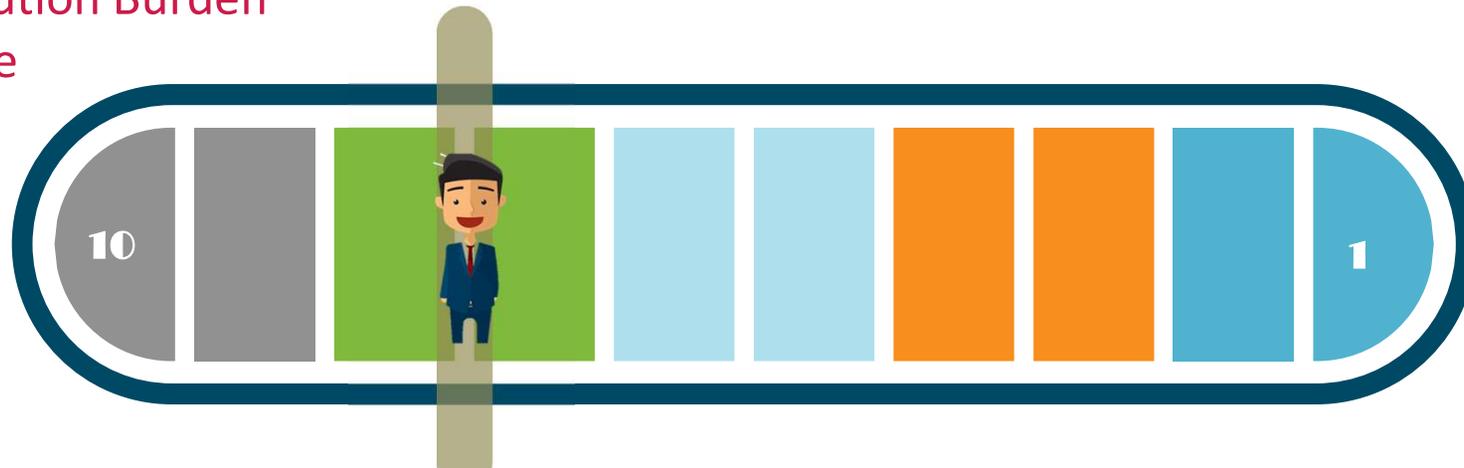
Least Impacted

Working Together

LINKS

[Online Tool](portseattle.org)
[Equity Index | Port of Seattle (portseattle.org)](portseattle.org)

| HEAL ACT | Environmental Disparities | Partnership | Community |
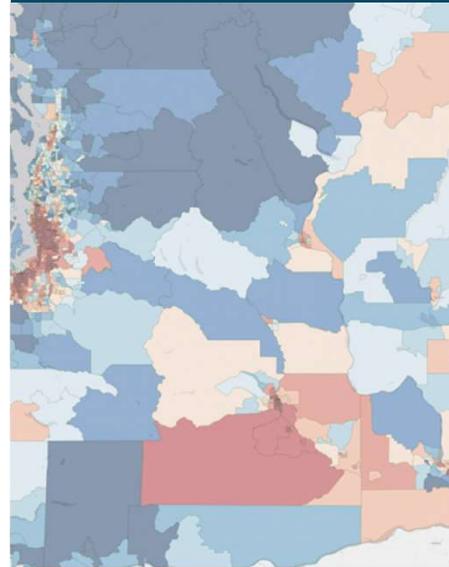
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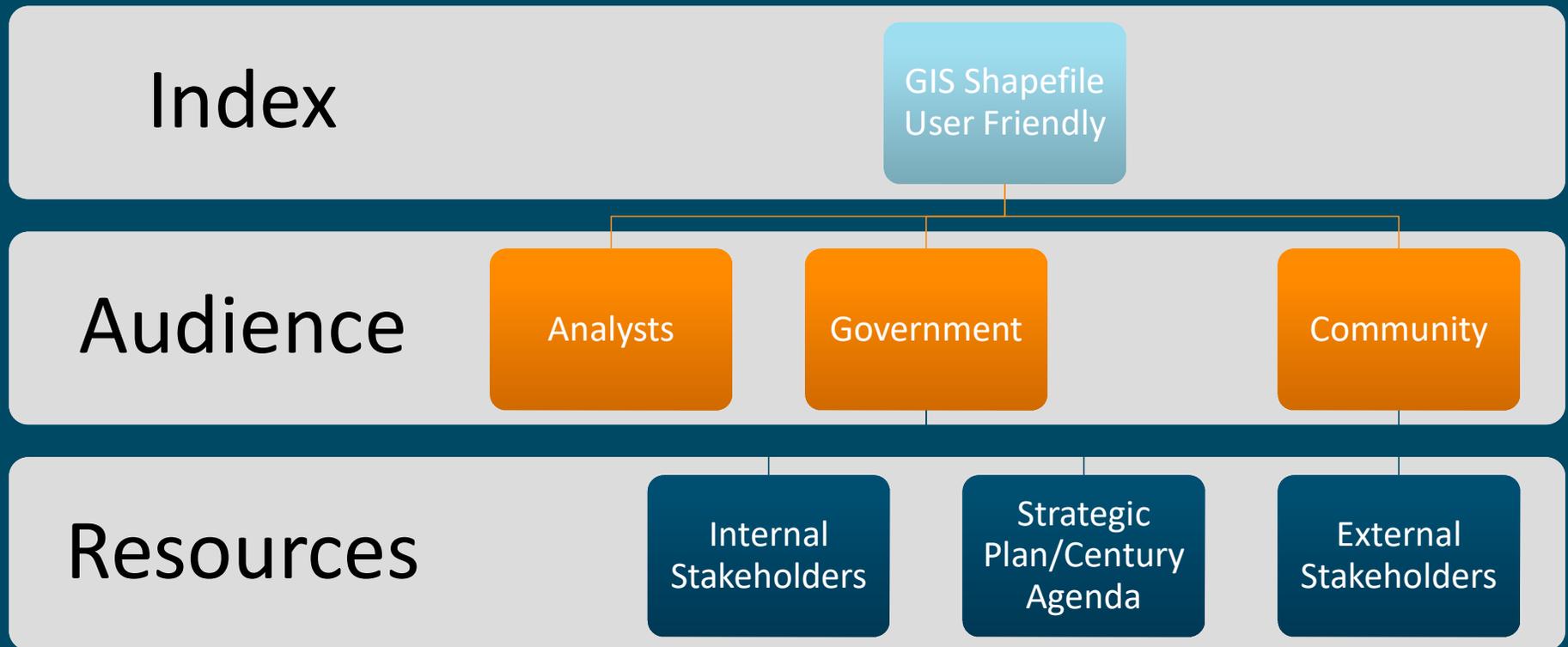
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What is an Index?

What is the Port of Seattle's Equity Index

Mapping Tool

Helps leverage limited resources

Identifies Opportunity

Using Data to Help Advance Equity

Starting Points:

Index

Audience

Resources

GIS Shapefile User Friendly

Analysts

Government

Community

Internal Stakeholders

Strategic Plan/Century Agenda

External Stakeholders

The Do's and Don'ts

Don't Blame

Do Identify **YOUR** Faults

Don't Shame

Do Use Accurate Data

Examples of Don't Blame or Shame

Data

Home Ownerships Rates

Redlining

Generational Wealth

Know what you control:

Transit Access

• Bus Frequency

• Diesel Emissions

• Highway Placements

Zoning

• Healthy Food Access

Coloring of Maps

Black

Red

Data and Color Association

What changes will we make to our current definition?

If you look on Dictionary.com today, the adjectival sense of *Black* that refers to people is the third sense on the page. Currently this definition sits right above a definition that reads "soiled or stained with dirt." While there are no semantic links between these two senses, their proximity on the page can be harmful. It can lead to unconscious associations between this word of identity and a negative term. These are not associations we want anyone to get from Dictionary.com, and so we will be swapping our second and third senses on the page.

Unconscious Bias

Alexis Ohanian Sr. 🚀 ✓
@alexisohanian

Software is written by humans who have bias, the training data is generated by humans with bias -- it's not malicious (in most cases) but it does absolutely exist, @AOC is correct. ○

Ryan Saavedra ✓ @RealSaavedra
Socialist Rep. Alexandria Ocasio-Cortez (D-NY) claims that algorithms, which are driven by math, are racist
0:35

2:19 AM - 23 Jan 2019

9,402 Retweets **50,575** Likes

💬 752   🔁 9.4K   ♡ 51K   ✉

Alexis Ohanian Sr. 🚀 ✓
@alexisohanian

Here's a good starting point for those of you interested in learning more:
nature.com/articles/d4158…

(Nature is one of the top science journals in the world) ○

AI can be sexist and racist — it's time to make it fair
Computer scientists must identify sources of bias, de-bias training data and develop artificial-intelligence algorithms that are robust to skews in the data.
nature.com

What is the Port of Seattle's Equity Index

- Aggregated by Census Blocks Groups
- 4 Equally Weighted Determinant Categories
- 21 Indicators
- Racial Demographic Overlay

All sources were authoritative, accurate and reliable data; collected by block group or census tract.

Established all calculations and data within ArcGIS **First**

Categories | Century Agenda | Definitions

Accessibility	**Goal #5** Become a model for equity, diversity, and inclusion.	Indicators that are not necessary for survival but advance the standard of living in a community so that people of all abilities can fully access and participate in public life (e.g. proximity to parks and open space, access to healthy food, pedestrian and bike facilities).
Economy	**Goal #3** Responsibly invest in the economic growth of the region and all its communities.	Indicators that demonstrate the opportunity for the creation, retention, transfer, and accumulation of wealth within a community for residents, businesses, and community stakeholders (e.g. poverty rate, median household income, educational attainment).
Environment	**Goal #4** Be the greenest and most energy efficient port in North America.	Indicators that represent the health of the environment, including human-made impacts and bio-physical elements, and thus the vitality of the community (e.g. diesel emissions, risk of toxic release from facilities, traffic density).
Livability	**Goal #6** Be a highly effective public agency. *Objective #18* Partner and engage with external stakeholders to build healthy, safe, and equitable communities.	Indicators that demonstrate a safe and healthy standard of living (e.g. housing cost burden, home ownership rate, transit access).

Methodology

Social Determinants

Accessibility

- Proximity to Parks and Open Space
- Access to Healthy Food
- Pedestrian and Bike Facilities
- Internet Access
- Voter Participation

Livability

- Housing Cost Burden
- Transit Access
- Access to Jobs by Transit
- Crime Index
- Life Expectancy
- High School Graduation Rate

Environmental

- Diesel Emissions and NOx Emissions
- Average Annual PM 2.5
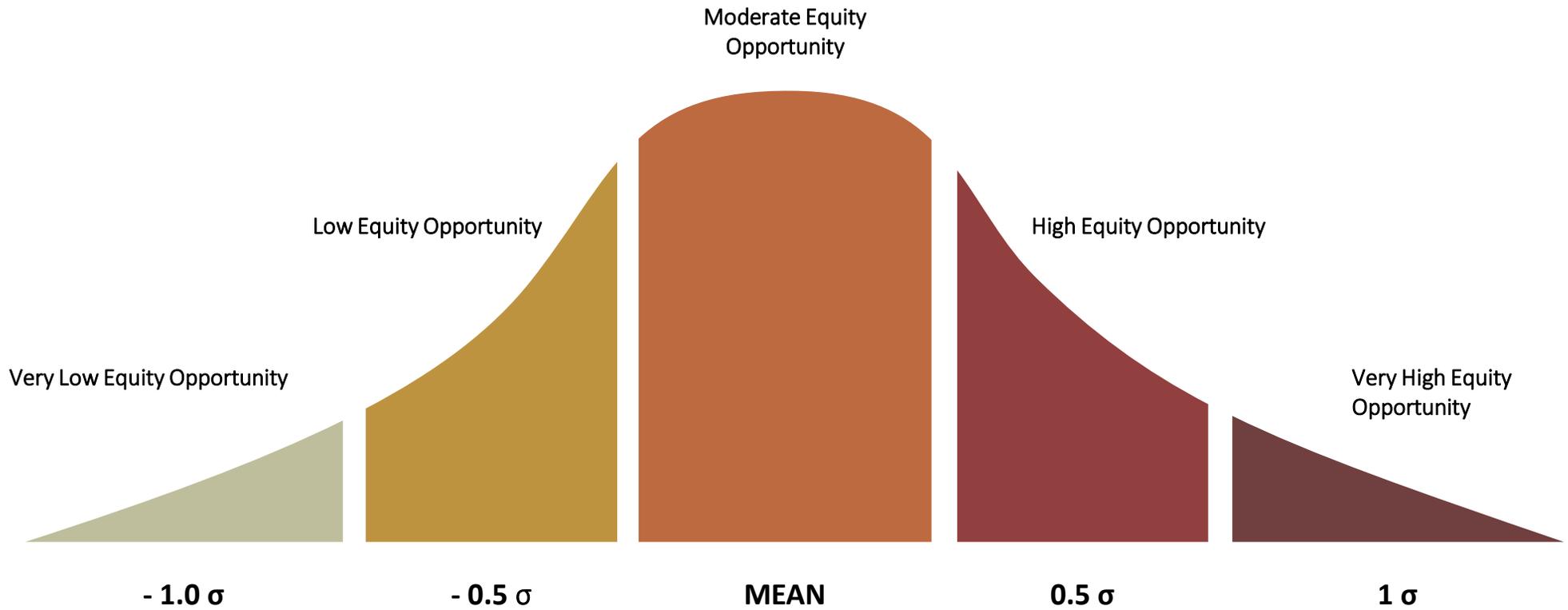- Risk of Toxic Releases from Facilities
- Traffic density

Economy

- Poverty Rate
- Unemployment Rate
- Median Household Income
- Educational Attainment
- Job Density

Distribution of Data

Moderate Equity Opportunity

Low Equity Opportunity

High Equity Opportunity

Very Low Equity Opportunity

Very High Equity Opportunity

| - 1.0 σ | - 0.5 σ | MEAN | 0.5 σ | 1 σ |

Port of Seattle Equity Index

Port of Seattle Equity Index

Landing Page

Unser Friendly Interactive Webpage

LINKS — Online Tool

Data Driven Applications

Policy Decision Making

Workforce

Service Delivery

Community/Stakeholder Outreach & Engagement

COVID - 19

EQUITY TOOLS

PEOPLE · PROCESS · TOOLS · EXPERIENCE
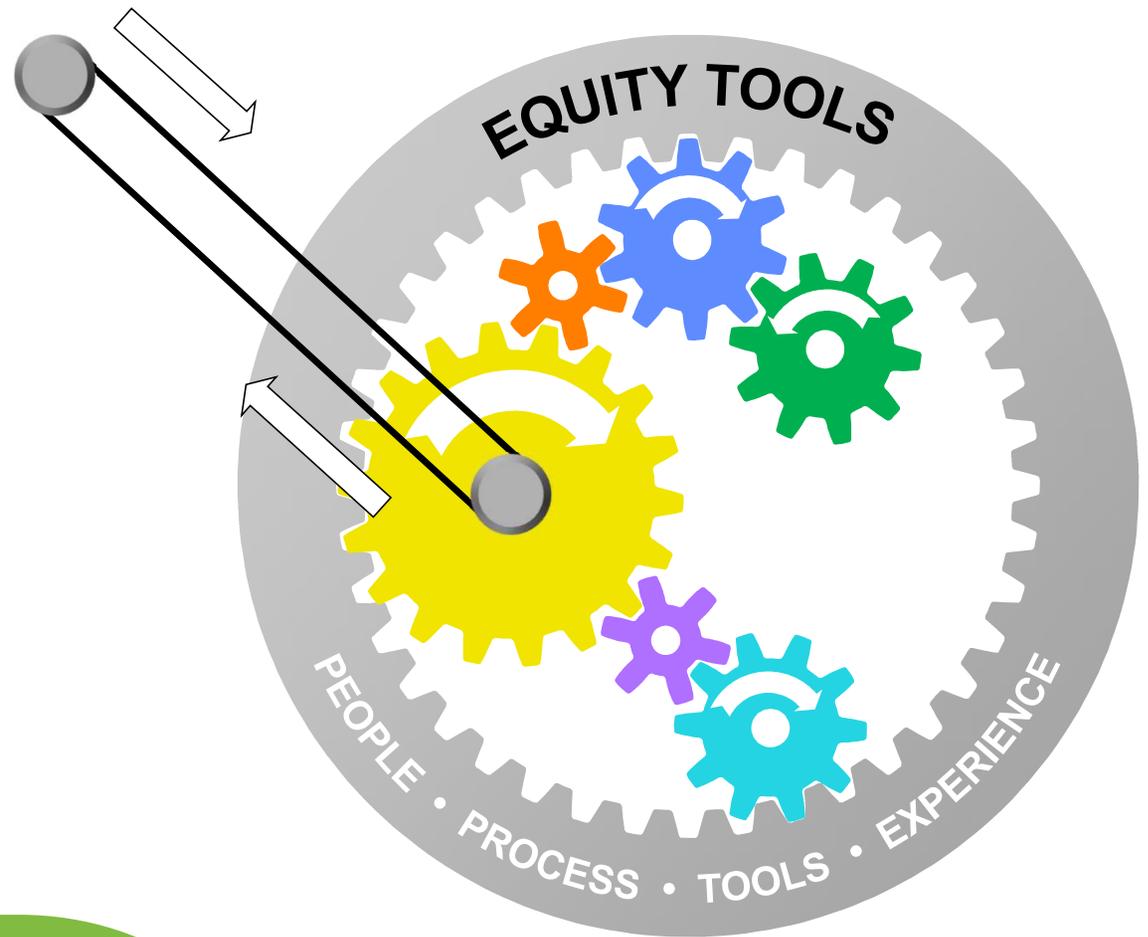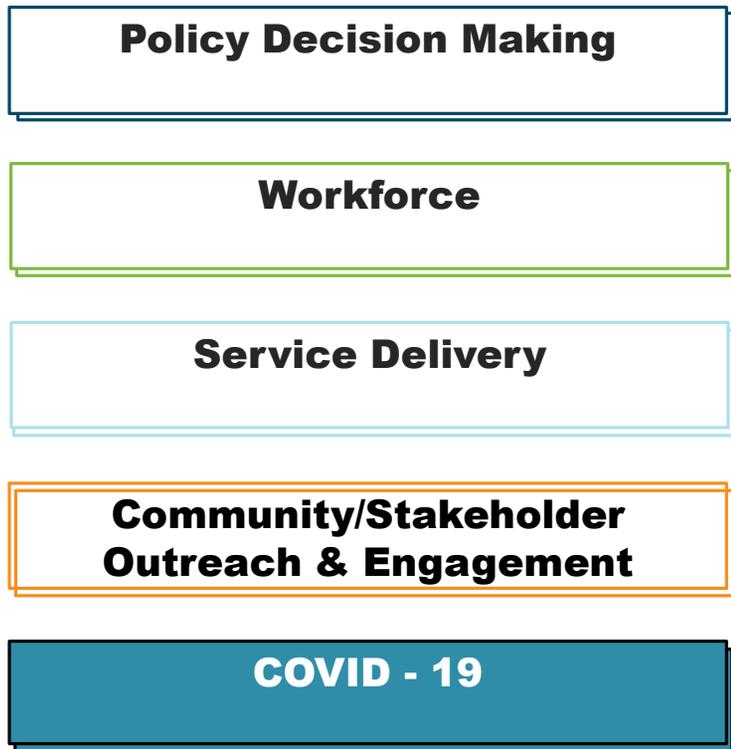
Port of Seattle Equity Index

Equity Index City of Kent

Economic Data

City of Kent
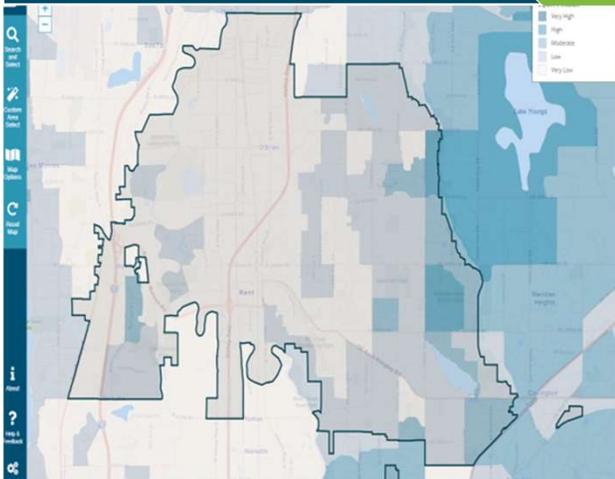
Estimated Jobs Total
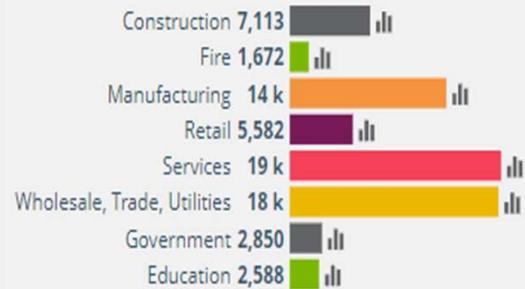
Construction	7,113
Fire	1,672
Manufacturing	14 k
Retail	5,582
Services	19 k
Wholesale, Trade, Utilities	18 k
Government	2,850
Education	2,588

Next Steps

Case Studies

Building Partnerships

Story Maps

Demonstration

Search & Select

Custom Areas

Map Options

Print Option

Categories

Questions?

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Thank You

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of Seattle®