Data Training for South King County Cities
February 16, 2016

Communities Count
Providing data. Inspiring action

Using data to support your case
Project Objective

Provide human services and referrals to refugees and other immigrants from Vanuatu to help them navigate the social services system, find living wage employment, and understand forms and documents. Locations: Kent and Auburn
Take-home points

• Know your audience.

• Know what story you want to tell.

• Match the data to your story.

• Use qualitative data effectively.
Training overview

- Identifying your story
- Making a case with data
- Finding the data to tell your story
- Collecting primary data
- Using qualitative data
- Asking key questions
Story about Population

Food Hardship in King County for Hispanic Households with Children

AUDIENCE: 2012 WA State Legislature
Adults who ran out of food, children in household by race/ethnicity, King County (2010)

- Hispanic: 49% (49% of adults had children in the household, 13% did not)
- Other Non-Hispanic: 16% (16% of adults had children in the household, 9% did not)
- White Non-Hispanic: 7% (7% of adults had children in the household, 5% did not)

Percent of Adults

Data Source: Behavioral Risk Factor Surveillance System

Confidence interval shows range that includes true value 95% of the time. See Notes & Sources for additional details.
Story about Change over Time

Food Hardship in King County for Households with/without Children

AUDIENCES: Human services agencies, non-profit organizations; policymakers; philanthropies
Adults who ran out of food by children in household, King County (2010-2013)

Thicker line for "no children in household" reflects significant difference between 2010 and 2013 values. Confidence interval shows range that includes true value 95% of the time. Use caution in comparing pre-2011 data with data from later years. See Notes & Sources for more detail.

Data Source: Behavioral Risk Factor Surveillance System
Adults who ran out of food by race/ethnicity, King County (2010, 2013)

Thicker line for "white" reflects significant difference between 2010 and 2013 values. Use caution in comparing pre-2011 data with data from later years. Data for "Asian" does not meet precision standard; interpret with caution. See Notes & Sources for more detail.
Story about Place

Food Hardship in King County Regions
AUDIENCES: City planners; human services agencies; non-profit organizations; policymakers; philanthropies
Adults who ran out of food by region, King County (2010, 2013)

Thicker line for Seattle reflects significant difference between 2010 and 2013 values. Use caution in comparing pre-2011 data with data from later years. Data for “north” does not meet precision standard; interpret with caution. See Notes & Sources for more detail.

Data Source: Behavioral Risk Factor Surveillance System
Adults who ran out of food, children in household by region, King County (2010, 2011-2013 average)

- **South**:
  - With children in household: 16% in 2010, 20% in 2011-2013
  - Without children in household: 10% in 2010, 13% in 2011-2013

- **East**:
  - With children in household: 8% in 2010, 9% in 2011-2013
  - Without children in household: 3% in 2010, 3% in 2011-2013

- **Seattle**:
  - With children in household: 11% in 2010, 12% in 2011-2013
  - Without children in household: 5% in 2010, 10% in 2011-2013

- **North**:
  - With children in household: 10% in 2010, 12% in 2011-2013
  - Without children in household: 5% in 2010, 10% in 2011-2013

Thicker, dashed lines for "east" and Seattle reflect significant differences between 2010 and 2011-2013 (average) values. Use caution in comparing pre-2011 data with data from later years. Data for "north" does not meet precision standard; interpret with caution. See Notes & Sources for more detail.

Data Source: Behavioral Risk Factor Surveillance System

COMUNITIES COUNT, 12/2015
Basic Food participation by all ages, King County cities (2002-2014)
Food bank visits, King County (2004-14)

Data Source: Washington State Department of Agriculture, Food Assistance Programs

Communities Count, 06/15
Health Reporting Areas (HRA) and 2010 population
King County, WA

Auburn, Bellevue, Federal Way, Kent, Renton & Seattle HRAs are divided into neighborhoods.

Public Health
Seattle & King County

N = 2010 population for each HRA
Data source: Interim Population estimates, PHSKC, APDE 1/2012
Produced by: Public Health-Seattle & King County Assessment, Policy Development & Evaluation
Last Modified 08/2012
Percent of Linguistically Isolated Households by Census Tract, with Cities, King County, 5-year Average 2007-2011

Legend
- King County border
- Percent linguistically isolated
  - 19.4% - 53.9%
  - 9.5% - 19.3%
  - 3.9% - 9.5%
  - 0% - 3.8%

King County average: 6.1%

Percent of households in which no one 14 and over speaks English only or speaks a language other than English at home and speaks English very well.
Data Source: US Census Bureau, 2007-2011 American Community Survey
Produced by: Public Health - Seattle & King County.
Story about Economic “Recovery”?

King County Food Hardship Trends by Income & Employment Groups

AUDIENCES: Policy makers; human services agencies; non-profit organizations; economists; workforce specialists; educators
Adults who ran out of food by income, King County (2010, 2013)

- $15,000 or less: 37% in 2010, 58% in 2013
- $15,000 to $24,999: 24% in 2010, 35% in 2013
- $25,000 to $34,999: 15% in 2010, 22% in 2013
- $35,000 to $49,999: 10% in 2010, 10% in 2013
- $50,000 to $74,999: 4% in 2010, 2% in 2013
- $75,000 or more: 1% in both 2010 and 2013

Use caution in comparing pre-2011 data with data from later years. Data for three highest-income groups (> $35,000) do not meet precision standard; interpret with caution. See Notes & Sources for more detail.

Data Source: Behavioral Risk Factor Surveillance System

COMMUNITIES COUNT, 11/2015
Adults who ran out of food by employment, King County (2010, 2013)

- Unable to work: 43% (2010) to 53% (2013)
- Unemployed: 16% (2010) to 12% (2013)
- Homemaker/Student: 7% (2010) to 4% (2013)
- Employed: 9% (2010) to 9% (2013)
- Retired: 9% (2010) to 9% (2013)

Thicker line for "unemployed" reflects significant difference between 2010 and 2013 values. Use caution in comparing pre-2011 data with data from later years. See Notes & Sources for more detail.

Data Source: Behavioral Risk Factor Surveillance System

COMMUNITIES COUNT, 12/2015
Training overview

- Identifying your story
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- Asking key questions
Data Access Demo

- Communities Count
- Community Health Indicators
  - City Health Profiles
  - School District Health Profiles
- LocalScape
- American FactFinder
Data Access Limitations

- Data not shown for group of interest (ex., by city or specific race/ethnicity).
- Data is grouped into “other” category because of small sample size.
- Data sources may be difficult to access (ex., costly, time-consuming, complex).
Creative approaches to data limitations

- Combine geographic areas, years, age groups, genders to increase sample size.
- Use available data on specific region or sub-group even outside your area.
- Use comparison group with similar characteristics (income, education, age, etc.)
- Use data on related outcomes.
- Collect your own data.
- Ask for help!
Training overview

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- Asking key questions
Primary Data Collection

• Data are collected by your team and for a specific issue or community

• One option for filling gaps when data are not available

• Can provide context for local condition when paired with state or national data

• Can be quantitative or qualitative
Training overview

- Identifying your story
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- Asking key questions
Combining Data in Proposals

- "It helps just to have someone tell you that you’re doing a good job … all these different things that help with temper tantrums and potty training. Just knowing about all these different things – it helps."
  - Teen mom living at her parents’ South King County home with her boyfriend and their 2-year-old child
Training overview

- Identifying your story
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- Using qualitative data
- Asking key questions
Three key questions

- How much did we do?
- How well did we do it?
- Is anyone better off?
You CAN make your case with data!
Project Objective

• Provide mental health counseling...
  – to Vulcan residents
  – of Gamma Quadrant civilizations.