AIMs High Uses Maps to Compare Differences across the County

This year's AIMs High website uses more maps than ever before to show how community conditions and performance results can vary across different regions within King County. King County's **Equity and Social Justice** principle in the KCSP inspires us to understand inequities in our community and our service delivery. Maps are one method of disaggregating information to understand where inequities exist so that we can better direct policies and services to promote equity and social justice.

Why do map areas vary?

AIMs High maps divide King County into multiple sub-regions. This is because the data behind each map comes from different sources with different data collection methodologies and measurement purposes. AIMs High combines geographic data produced for a variety of purposes to create a comprehensive picture of geographic variation within the County. Examples of geographic sub-regions used in AIMs High maps include: city limits, health reporting areas, zip codes, census tracts, and property parcels. The following data sources are the basis for the maps presented in AIMs High:

Mapping King County Resident Perspectives

This year's King County Resident Survey, conducted in April and May of 2012, was designed to separate the responses of residents in seven distinct regions of the county to enable comparison and analysis by creating statistically significant groups. Six of the regions were formed by splitting urban unincorporated areas, rural unincorporated areas and incorporated areas outside the city of Seattle into "North and East" and "South" regions. The City of Seattle is the seventh region. **Download the full results for the survey** - 20MB PDF.

Details of the King County Resident Survey: More than 125 responses were gathered from each of the seven regions and more than 250 responses were collected from Seattle. The results for the City of Seattle have a precision of at least +/- 6.2% at the 95% level of confidence and the results for each of the other six areas have a precision of at least of at least +/- 8.7% at the 95% level of confidence. This means that if the entire survey process was repeated 100 times, we expect that the average response within the regions would be within 6.2%/8.7% of this year's average 95 of the 100 times. Surveys were administered in English, Spanish, and Mandarin Chinese. Of the 3,000 households that were selected to receive the survey, 266 completed the survey by mail and 759 completed the survey by phone for a total of 1,025 completed surveys (King County's population is about 1.9 million people).

Mapping King County Health Outcomes

Community Health Data is presented geographically based on Health Reporting Areas (HRAs). In 2011, 48 new HRAs were created to coincide with city boundaries, in order to aid in considering issues related to local health status or health policy. Where possible, neighborhoods are defined within large cities, Outside of cities, unincorporated areas of King County are delineated. For data reliability, some areas were combined. HRAs are used whenever there is sufficient sample size to present the data.

Mapping U.S. Census Information

Some AIMs High data are presented geographically based on U.S. Census information. Census tracts are small, relatively permanent statistical subdivisions of a county or equivalent entity. The primary purpose of census tracts is to provide a stable set of geographic units for the presentation of statistical data.

Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. A census tract usually covers a contiguous area; however, the spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. Census tracts occasionally are split due to population growth or merged as a result of substantial population decline.

Mapping Land Use

Several AIMs High maps show geography based on land use. The land use categories are **Comprehensive Plan** land use designations. Each map shows different characteristics of the land use, with the legend providing information about what characteristics and boundaries are included in the particular map.

Complete List of all AIMs High maps

2012 King County Resident Survey Regions
Data Source: ETC Institute and the King County Office of Performance Strategy and Budget
Where to Find this Map: **Economy and Infrastructure Transportation Objective**
Justice and Safety Keep People Safe Objective
Justice and Safety Proactive Law Enforcement Strategy
Justice and Safety Fair and Accessible Justice Objective
Public Engagement Public Awareness Objective
Service Excellence Customer Satisfaction Objective
Service Excellence Access Services Objective

Adolescent Birth Rates
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Prevention Strategy**

Agriculture and Forest Lands 2012
Data Source: U.S. Forest Service, King County Department of Permitting and Environmental Review, King County Department of Natural Resources and Parks, and King County Department of Assessments
Where to Find this Map: **Environmental Sustainability Agriculture and Forestry Objective**

Areas without Access to Healthy Food
Data Source: USDA
Where to Find this Map: **Health and Human Potential Community Health Objective**
Health and Human Potential Health Policy Strategy

Average Number of Poor Physical or Mental Health Days in Last 30 Days
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Integrated Services Objective**

Average Unemployment Rate
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Economy and Infrastructure Strong Economy Objective**

Communities Inside Urban Growth Boundary Within Quarter Mile of Park, Open Space or Trail
Data Source: Analysis from King County GIS Center
Where to Find this Map: **Economy and Infrastructure Built Environment Objective**
Health and Human Potential Health Policy Strategy

Healthy Food Access
Data Source: Analysis from King County GIS Center
Where to Find this Map: **Health and Human Potential Community Health Objective**

HIV Incidence Rate
Data Source: Public Health - Seattle & King County HIV/AIDS Registry Data
Where to Find this Map: **Health and Human Potential Health Education Strategy**

King County's Open Space System 2012
Data Source: King County Department of Natural Resources and Parks, Water and Land Resources Division
Where to Find this Map: **Economy and Infrastructure Parks, Trails, Open Space Strategy**
Environmental Sustainability Ecosystems Objective
Environmental Sustainability Land Acquisition Strategy

Land Use 2012
Data Source: Department of Permitting and Environmental Review
Where to Find this Map: **Economy and Infrastructure Rural Communities Objective**
Economy and Infrastructure Rural Growth Strategy

Low Income & Minority Census Tracts In Proximity To Transit Routes
Data Source: King County Metro
Where to Find this Map: **Economy and Infrastructure Transportation Needs Strategy**

Means of Transportation to Work: Percent Carpool
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Environmental Sustainability Pollution and Health Strategy**

Means of Transportation to Work: Percent Drove Alone
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Environmental Sustainability Pollution and Health Strategy**

Means of Transportation to Work: Percent Public Transit
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Environmental Sustainability Pollution and Health Strategy**

Means of Transportation to Work: Percent Walk & Bike
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Environmental Sustainability Pollution and Health Strategy**

Means of Transportation to Work: Percent Worked at Home
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Environmental Sustainability Pollution and Health Strategy**

Median Household Income
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Economy and Infrastructure Strong Economy Objective**

Percent Adult Smokers
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Percent Adults with No Influenza Immunization
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Percent Adults with No Pneumonia Immunization
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Percent Below 200% of Federal Poverty
Data Source: 2006 - 2010 American Community Survey
Where to Find this Map: **Health and Human Potential Integrated Services Objective**

Percent Exposed to Noise Pollution Along High Volume Roadways
Data Source: King County Department of Assessments
Where to Find this Map: **Health and Human Potential Community Health Objective**

Percent of Adults Who Did Not See a Doctor Due To Cost
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Access to Care Strategy**

Percent of Births That Are Low Birthweight
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Prevention Strategy**

Percent of High Risk Code Enforcement 7 Day Response
Data Source: Department of Permitting and Environmental Review
Where to Find this Map: **Justice and Safety Code Enforcement Strategy**

Percent of Households Spending 30% and More of Income on Housing
Data Source: 2006 -2010 American Community Survey
Where to Find this Map: **Economy and Infrastructure Built Environment Objective**

Percent of Overweight or Obese Adults
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Percent of Women Giving Birth With Late or No Prenatal Care
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Health Education Strategy**

Percent Overweight or Obese Students
Data Source: Washington State Healthy Youth Survey
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Percent Student Smokers
Data Source: Washington State Healthy Youth Survey
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Rate of Asthma Hospitalization
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Safe Food, Water, and Air Strategy**

Rate of Infant Mortality
Data Source: Linked Birth/Death Certificate Data: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Children and Youth Objective**

Retail Food Environment Index
Data Source: InfoUSA, 2/2010
Where to Find this Map: **Health and Human Potential Community Health Objective**
Health and Human Potential Health Policy Strategy

Sexually Transmitted Disease Rate: Chlamydia in Females
Data Source: Public Health - Seattle & King County STD Report Records
Where to Find this Map: **Health and Human Potential Health Education Strategy**

Sexually Transmitted Disease Rate: Gonorrhea in Females
Data Source: Public Health - Seattle & King County STD Report Records
Where to Find this Map: **Health and Human Potential Health Education Strategy**

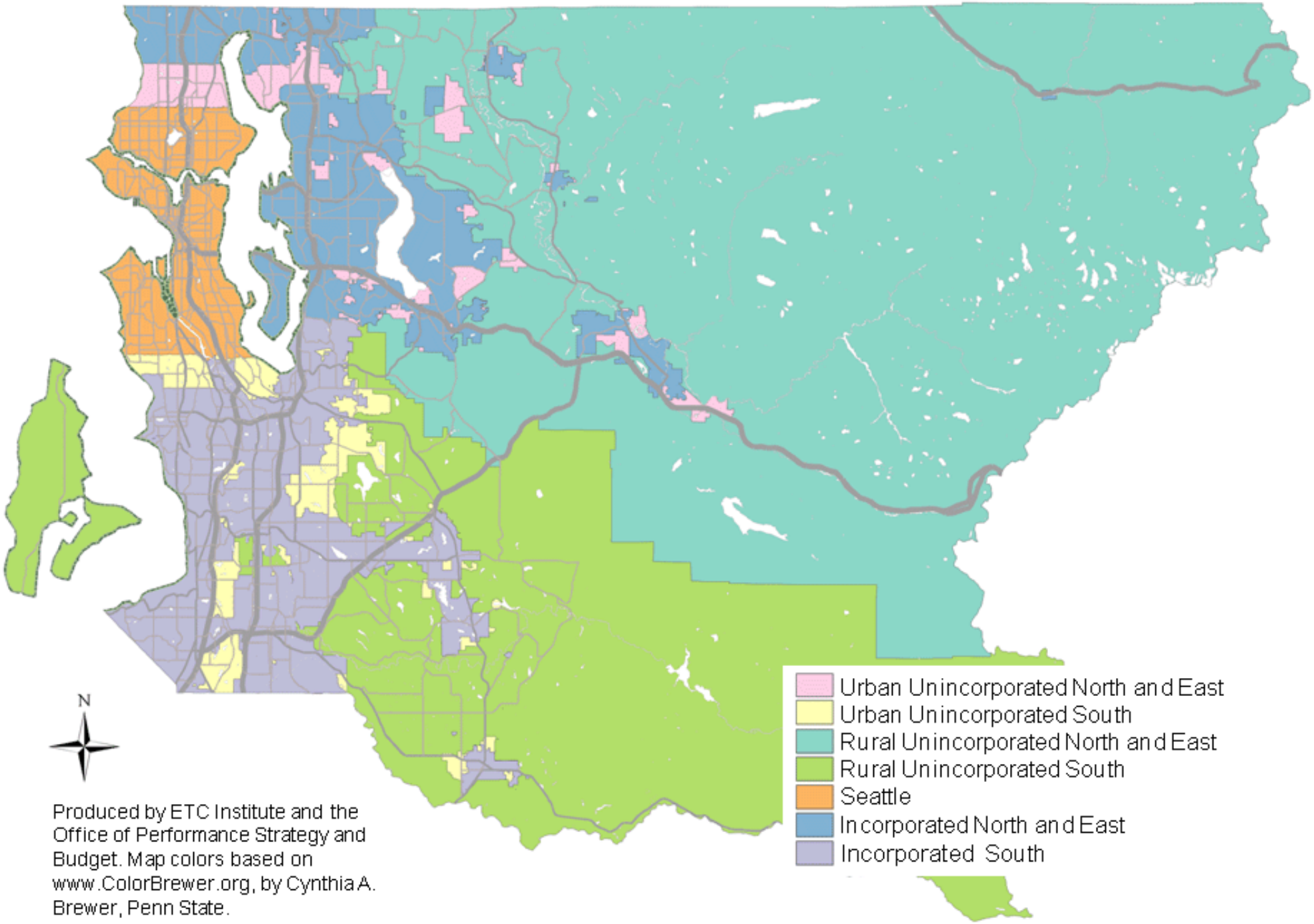
Sexually Transmitted Disease Rate: Gonorrhea in Males
Data Source: Public Health - Seattle & King County STD Report Records
Where to Find this Map: **Health and Human Potential Health Education Strategy**

Unintentional Injury Death Rate
Data Source: Washington State Department of Health
Where to Find this Map: **Health and Human Potential Premature Death Strategy**

Other King County Map Websites

- **King County Demographics**
- **Land Use and Comprehensive Planning**
- **Public Health Community Health Indicators**
- **DNRP Equity and Social Justice Program**
- **KCGIS Center Maps**

2012 King County Resident Survey Regions



Produced by ETC Institute and the Office of Performance Strategy and Budget. Map colors based on www.ColorBrewer.org, by Cynthia A. Brewer, Penn State.

Health Reporting Areas (HRA) and 2010 population King County, WA

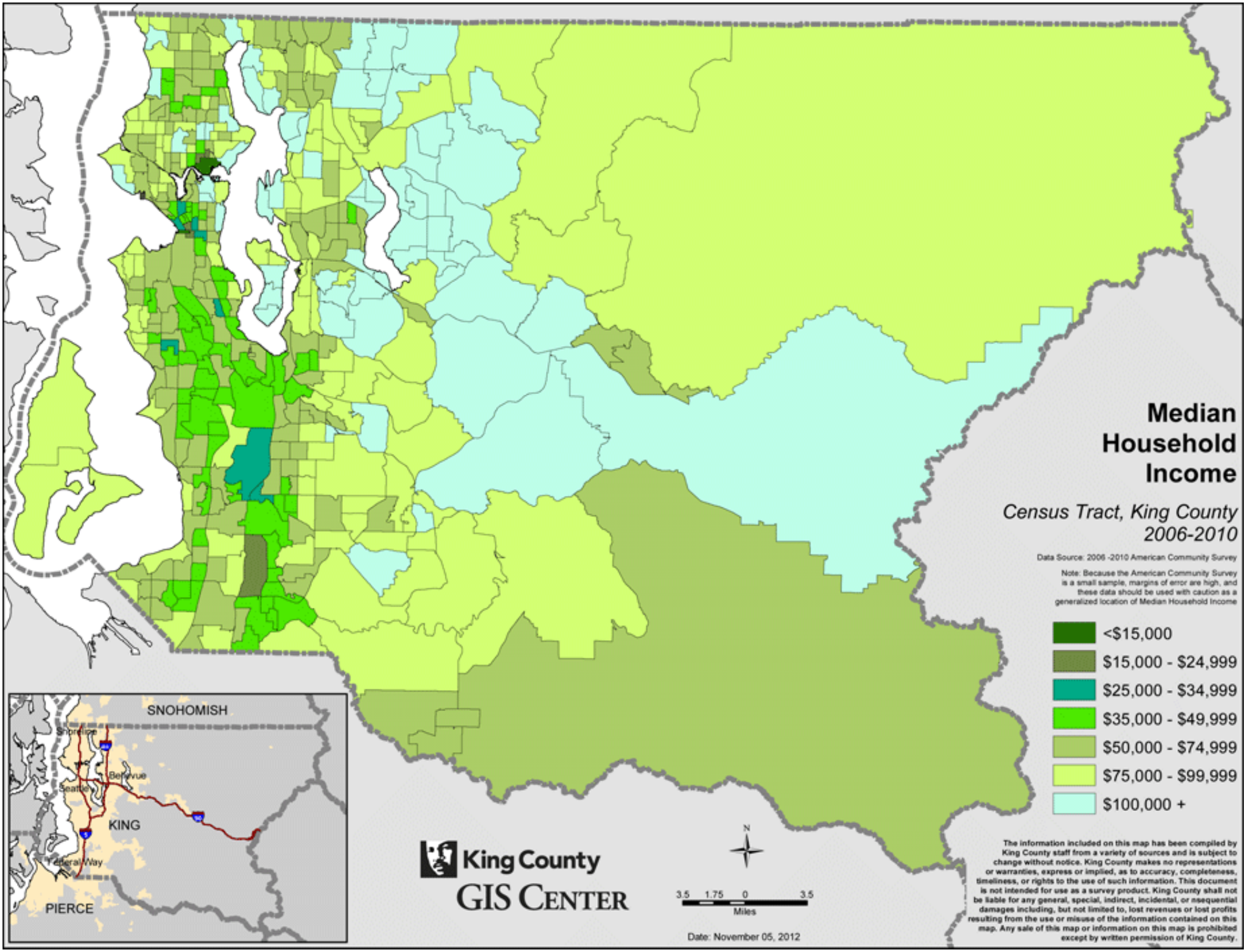
Auburn, Bellevue, Federal Way, Kent, Renton & Seattle HRAs are divided into neighborhoods.

Public Health
Seattle & King County

N = 2010 population for each HRA
Data source: Intermin Population estimates, PHSKC, APDE 1/2012

Produced by: Public Health-Seattle & King County Assessment, Policy Development & Evaluation

Last Modified 08/2012


Median Household Income
Census Tract, King County 2006-2010
Data Source: 2006 -2010 American Community Survey
Note: Because the American Community Survey is a small sample, margins of error are high, and these data should be used with caution as a generalized location of Median Household Income
<$15,000
$15,000 - $24,999
$25,000 - $34,999
$35,000 - $49,999
$50,000 - $74,999
$75,000 - $99,999
$100,000 +
SNOHOMISH
Shoreline
Bellevue
Seattle
KING
Federal Way
PIERCE
King County
GIS Center
N
3.5 1.75 0 3.5
Miles
Date: November 05, 2012
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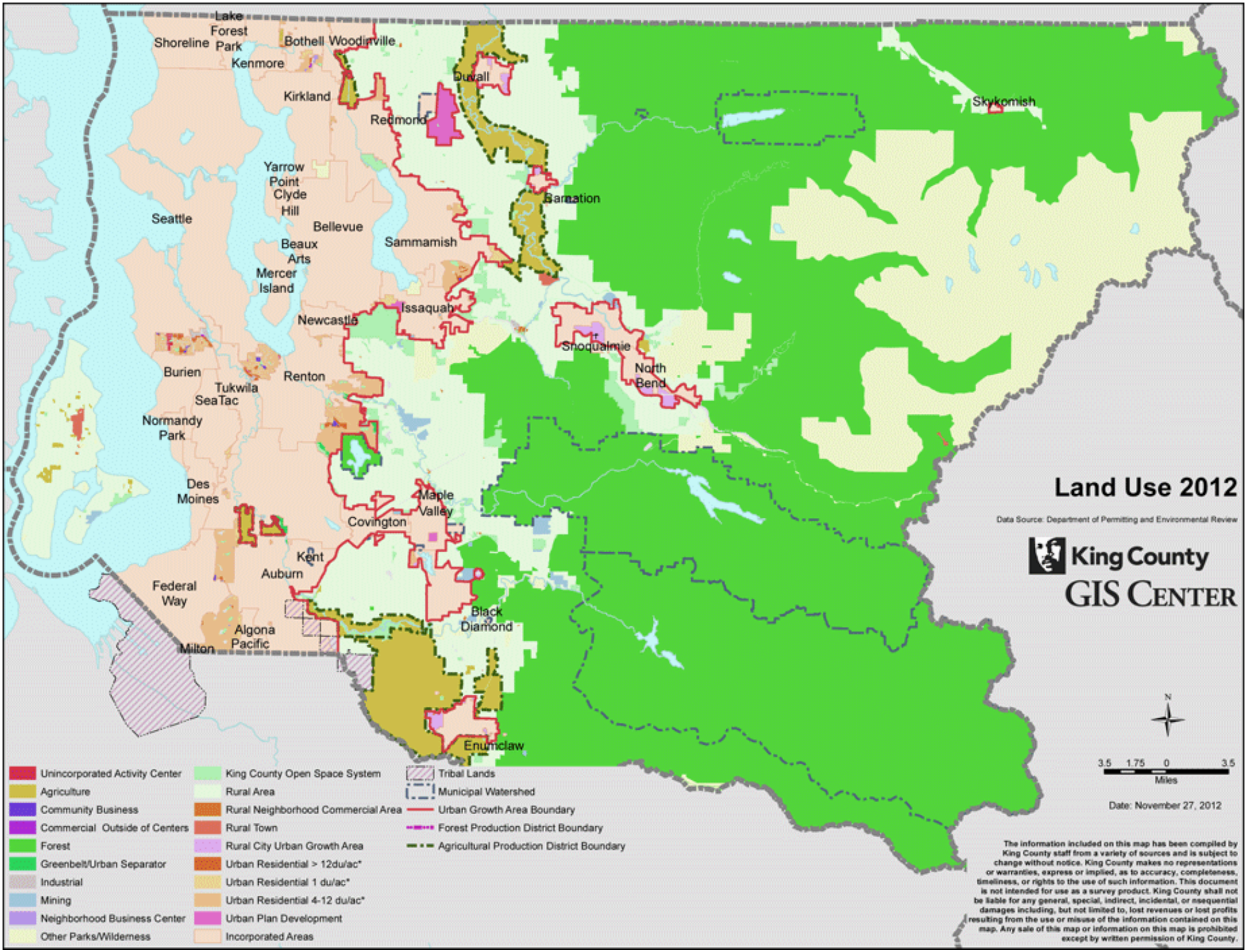
Lake Forest Park
Shoreline
Bothell
Woodinville
Kenmore
Duvall
Kirkland
Redmond
Skykomish
Yarrow Point
Clyde Hill
Carnation
Seattle
Bellevue
Beaux Arts
Sammamish
Mercer Island
Issaquah
Newcastle
Snoqualmie
North Bend
Burien
Renton
Tukwila
SeaTac
Normandy Park
Des Moines
Maple Valley
Covington
Kent
Auburn
Federal Way
Black Diamond
Algona
Pacific
Milton
Enumclaw
Land Use 2012
Data Source: Department of Permitting and Environmental Review
King County
GIS Center
N
3.5 1.75 0 3.5
Miles
Date: November 27, 2012
Unincorporated Activity Center
Agriculture
Community Business
Commercial Outside of Centers
Forest
Greenbelt/Urban Separator
Industrial
Mining
Neighborhood Business Center
Other Parks/Wilderness
King County Open Space System
Rural Area
Rural Neighborhood Commercial Area
Rural Town
Rural City Urban Growth Area
Urban Residential > 12du/ac*
Urban Residential 1 du/ac*
Urban Residential 4-12 du/ac*
Urban Plan Development
Incorporated Areas
Tribal Lands
Municipal Watershed
Urban Growth Area Boundary
Forest Production District Boundary
Agricultural Production District Boundary
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