

Your Gateway to Neighborhood Level Census Data and Maps

ESRI 2004 User Conference

Chris Jansen
King County GIS Center

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King County GIS Center
"Putting GIS to Work in King County"

Presentation Outline

- Principle Project Team
- Participating Organizations
- Application Development
- Future Development
- Role of Geographer/Project Manager
- Questions and Comments



Principle Project Team

- **Chris Jansen – KCGIS Center**
- **Nita Heimann – Public Health**
- **Michael Jenkins – KCGIS Center**
- **Jeff Ing – Public Health**



Annie E. Casey Foundation – Making Connections

Children succeed when their families are strong, and families are stronger when they live in neighborhoods connected to the community, economic opportunity and necessary services.

- Eleven Communities around U.S.**
- Building a Data Warehouse for Each**
- Census Data is Foundation Level**
- State, County and Local Data to Follow**



Seattle/King County Public Health

- Lead County Agency
- Nita Heimann, Lead Statistician
- Processed Census Data for Indicators
 - SF1 Data Listed as 100% Count
 - SF3 Data Qualified by Confidence Intervals
 - Raw Numbers and Percentages
- Comparisons to County and State Data
- Web Site Design and Support

King County GIS Center

- **Chris Jansen, Project Manager**
- **Michael Jenkins, Application Programmer**
- **Created Story Boards and Refined “Idea”**
- **Application Programming**
 - **Symbolization**
 - **Web Links**
 - **Charts, Tables and Data Download**

Application – Project Guidelines

- **“Keep It Simple”**
- **Accessible by Dial-up Connection**
- **Orient User to Neighborhood**
- **Schools, Libraries, Public Health Office**
- **Links to Neighborhood Resources**
- **Useful to Students, Parents, and Professionals**



US Census Bureau

- **American FactFinder**
- **Download Tract Data is Easy**
- **Download Block Group Data**
- **Need for Focus on Neighborhoods**



Application – Input from Partners

- **Public Health**
 - Tools and Design
 - Use of AV 3.2 for Story Boards
- **Making Connections – Trusted Advocates**
 - Two Presentations during Development
 - Value Added by Building Trust of Partners

Application – Input from Partners

- Usability Testing
- Nita Heimann Organized, Created, and Conducted Study
- 8 Users Interviewed
 - Used Own Computer and Internet Connection
 - Saw Firsthand Initial Design Weaknesses
- Value Added before Launch



Public Health
Seattle & King County



Healthy People.
Healthy Communities.

Site Directory

- Public Health Webpage Directory
- Clinic & Office Locations

For Care Providers

- Care Providers Homepage

For Educators

- Health Educators Toolbox

About Us

- History & Profile
- Jobs & Internships
- Employee Directory

Contact Us

Public Health
Seattle & King County
999 3rd Ave, Ste. 1200
Seattle, WA 98104

Phone: 206-296-4600
TTY: 206-296-4931

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White Center & Boulevard Park Community Data

Your Gateway to Neighborhood Level Data and Maps

View maps, charts and data tables about the people and housing characteristics of these two communities.

About this project

About the data and maps

External links



[click above for Neighborhood Data and Maps](#)

This website is a joint-effort by the following:



White Center & Boulevard Park Community Data

Map the Communities [Back to Community Data home page](#)

Census Tracts

[Where is White Center and Boulevard Park?](#)

- Blockgroups
- Tracts
- Labels on/off
- Major streets
- 98700+ Zip Codes
- Public Schools
- Libraries
- Health Center

Refresh Map



Select an indicator to map

	White Center	Boulevard Park	King County	Washington State	Data Info
People					
Total Population	20,975	11,188	1,737,034	5,884,121	1
Median Age in Years	33.4	33.3	35.7	35.3	2
Percent White	55.0%	61.2%	75.7%	81.8%	3
Percent Black/African American	6.4%	8.3%	5.4%	3.2%	4
Percent American Indian/Alaska Native	2.0%	1.4%	0.9%	1.6%	5
Percent Asian/Pacific Islander	23.7%	13.7%	11.3%	5.9%	6
Percent Multi-Racial	6.0%	5.8%	4.1%	3.6%	7
Percent Hispanic/Latino	12.0%	15.7%	5.5%	7.5%	8

[Where are White Center and Boulevard Park?](#)

[Define this Indicator](#)

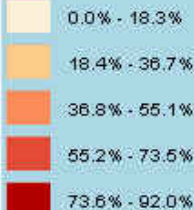
[Find your Census Tract](#)

[View these data as a table](#)

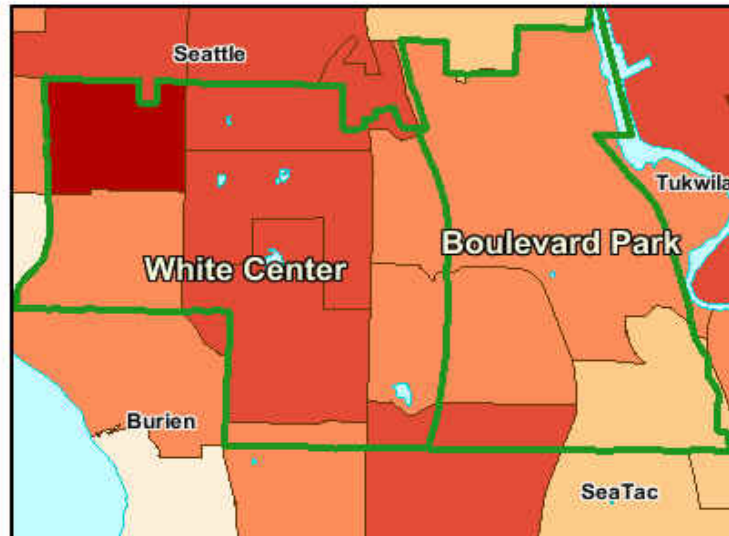
Labels on/off

Refresh Map

Legend



Percent of Foreign Born Population, 2000 by Census Tract

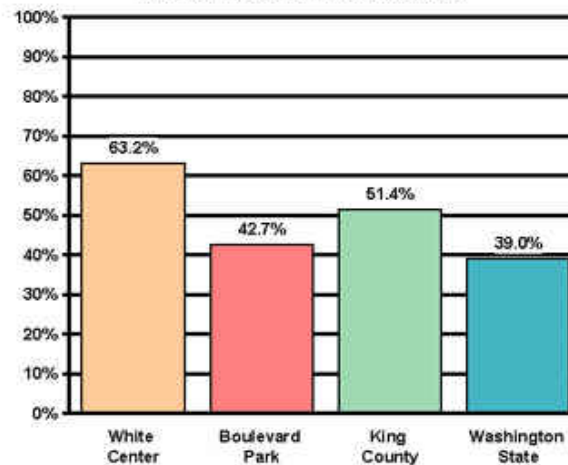


Data ranges in the map are based on data for all census Tracts in King County. As a result, not all data ranges will be represented in the visible Tracts on some maps.

Save this graph.

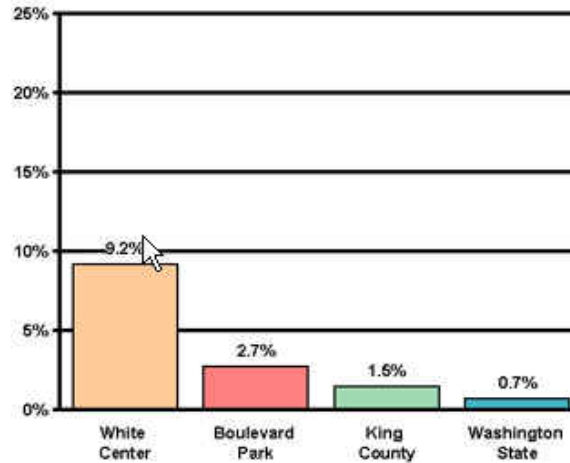
To save this graph to your computer, right-click on the graph image and choose 'Save as'

Foreign Born Population from Asia Percent of Foreign Born Population, 2000



Population That Speaks Vietnamese at Home

Percent of Population Age 5 and Older, 2000



Save this graph.

To save this graph to your computer, right-click on the graph image and choose 'Save as'

Copy this table.

To copy this table, use your mouse to highlight all the cells in the table and choose 'copy' from the Edit menu or press CTRL-C.

Then open up a spread sheet or other application and choose 'paste' from the edit menu or press CTRL-V.

Location	Percent	Number	Confidence Interval
State of Washington	0.0%	0	0.0% - 0.0%
King County	0.0%	0	0.0% - 0.0%
<i>Census Tracts :</i>			
264	1.0%	56	0.1% - 1.9%
265	26.0%	600	20.0% - 32.0%
266	8.8%	182	4.7% - 12.9%
267	1.6%	86	0.5% - 2.8%
268.01	7.4%	342	4.9% - 9.9%
268.02	8.4%	398	5.7% - 11.0%
269	2.9%	39	0.3% - 5.5%
270	6.4%	192	3.5% - 9.3%
271	0.4%	11	0.0% - 1.2%
274	6.5%	305	4.5% - 8.6%
275	1.2%	53	0.3% - 2.2%

Data Source: 2000 U.S. Census



Website – Data Description

- **Neighborhood Site and Situation**
- **Data Description vs. FGDC Format**
 - **Paragraph in Plain English**
 - **Source Statement and Link to Census Site**
- **Help Pages and FAQ's**

> **Foreign born population from Asia**

All persons who were born in an Asian country (including South Central and Western Asia) and were not U.S. citizens at birth. This indicator is presented as the percent of all foreign born persons rather than as the percent of the total population. Census tract is the lowest level of geography for which these data are tabulated (Source: 2000 U.S. Census, Summary File 3, Table PCT19).

> **Foreign born population from Europe**

All persons who were born in a European country and were not U.S. citizens at birth. This indicator is presented as the percent of all foreign born persons rather than as the percent of the total population. Census tract is the lowest level of geography for which these data are tabulated (Source: 2000 U.S. Census, Summary File 3, Table PCT19).

> **Foreign born population from Oceania**

All persons who were born in Oceania (Australia, New Zealand, and Pacific Islands) and were not U.S. citizens at birth. This indicator is presented as the percent of all foreign born persons rather than as the percent of the total population. Census tract is the lowest level of geography for which these data are tabulated (Source: 2000 U.S. Census, Summary File 3, Table PCT19).

> **Foreign born population from the Americas**

All persons who were born in a Latin American country or Canada and were not U.S. citizens at birth. This indicator is presented as the percent of all foreign born persons rather than as the percent of the total population. Census tract is the lowest level of geography for which these data are tabulated (Source: 2000 U.S. Census, Summary File 3, Table PCT19).

> **Government workers**

Employed civilians age 16 and older who were government employees in 2000 (Source: 2000 U.S. Census, Summary File 3, Table P51).

> **Hispanic/Latino population**

Total number of people who identified themselves as Spanish, Hispanic or Latino in 2000. See About Race and Hispanic Ethnicity Data for more information (Source: 2000 U.S. Census, Summary File 1, Table P11).



Feedback and the Future

- **Community Response has been Very Favorable**
- **New Indicators to be Added**
 - **Children Under 5 Living in Poverty**
 - **Population Under 5 Years Old**
- **Goal: Assist Community Based Organizations Reach Families with Small Children**



Building New Application

- **County Wide**
- **New Partners**
 - City of Seattle
 - Community and Health Services
- **Add Seattle as Comparison with County and State**
- **Data Available for Cities and CDP's**
 - Seattle Sub Areas for Refined Data
- **More General in Nature**
 - Link for School Districts
 - Link to Main County Library Site
 - Discontinue Bar Graphs



Role of Geographer/Project Manager

- Listen to Client(s)
- Compile Complete Data Set
 - Early Decision to Generate all Block Group and Tract Data
 - View on Big Picture vs. Immediate Request
 - No Additional Time Needed for Data Development
- Client Relationship Management Challenge
 - Cookie Cutter View of County
 - Classes of Data Don't Always Show
 - Helps give User the Complete Context
- Choice of Neighborhood Reference Layers
 - Schools, Streets, and Landmarks
 - Census Polygons Conflated to Local Geography



Questions & Discussion

- www.metrokc.gov/health/datamaps
- www.aecf.org/initiatives/mc
- Chris.jansen@metrokc.gov

