Crest Drive Community Mapping Project

A collaborative community-based mapping project between the neighbors of the Crest Drive Citizens Association and the University of Oregon

Community Atlas 1.0

May 2006
Crest Drive Community Mapping Project

Background
In the Fall, 2006 academic term, students taking the class “PPPM 4/536: Applied Geographic Information Systems (GIS) and Social Planning” worked with residents of the Crest Drive Neighborhood to collect data in the neighborhood of interest to residents. The planning for this project began about four months prior to the term when the Chair of the neighborhood association, Kathy Saranpa, and I, the instructor of the course, met to brainstorm potential project ideas. Over the course of those four months, we eventually decided to conduct a walkability analysis of some central streets between Crest Drive Elementary School and Wayne Morse Ranch.

Why Walkability?
Many of the roads in the neighborhood are old logging roads that have been minimally improved over the years, despite the development of housing throughout the area. To some, these roads are just fine as is; the uneven pavement and potholes create a type of traffic calming, thereby making the streets generally walkable. To others, the streets are dangerous for vehicles traveling along the roads and for pedestrians who have to walk in the streets due to the lack of sidewalks in this area. To make any improvements to the road would require that the road be brought up to current city code, which would most likely result in some widening of the portion of the existing right of way currently used for streets. Exactly how much space “improved” streets would need is a hot topic under discussion between the neighborhood and city transportation officials.

The basic premise of this project was to document some basic characteristics of the existing street network in terms of walkability, and to identify permanent objects next to the existing roadway that would potentially need to be removed if the street gets improved. Even though many of these objects (trees, fences, mailboxes, sheds, etc.) may be in the City’s right of way, any decision about the streets that would lead to removal of these objects would be of great concern to the neighborhood. Thus, this project sought to identify these objects proactively so that discussions about street widening and its impact on neighbors’ property could be thoughtfully considered.

The University-Community Partnership
In addition to teaching hard mapping skills, the University GIS course focuses on bottom-up community change, participatory uses of GIS, and how Universities can alter its traditional paradigm of treating communities as research subjects, to one where communities actually benefit from their work with University researchers/educators. In keeping with this approach, the project only went forward after the neighborhood

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PPPM
Planning, Public Policy and Management
association officially invited the class in and committed to a dialogue that ensured that the mapping project was driven by the needs and desires of community residents. With this model, students would gain skills along the way, but the project content was driven by the neighborhood. Of course, the time and resource constraints of conducting a project within an academic quarter (10 weeks) were present, but the project moved forward in a way to work within these constraints and in the service to the neighborhood.

Collecting Data
During the first four weeks of the academic term, students were taught new mobile GIS technology (using a software program called ArcPad that works on Personal Digital Assistants (PDAs)) and had a chance to interact with Kathy Saranpa. Additional meetings between a neighborhood project subcommittee and the class Graduate Teaching Fellow (GTF), Krissie Killoy, led to a narrowing of the types of issues and questions that the neighborhood wanted to explore through mapping. The class then developed a data entry interface to the GIS software that would be intuitive and easy to use for anyone regardless of GIS or PDA technology.

Teams of students and residents gathered on one rainy Saturday in October, 2005 to walk the neighborhood streets and collect the data using the PDAs. The day started with an hour of bagels and coffee where introductions and basic training were conducted. The teams then went out for three or so hours to collect data in different subsections of the neighborhood. Everyone then re-gathered at the neighborhood community center for a pizza lunch, a bit of de-briefing about the day’s data collection, and some social time to learn more about each other.

Distributing the Data
Following the data collection day, students returned to the computer lab on campus to do some post-processing of the data and three students chose to utilize the data for their final course project. These students (Heather Heater, Sara Bangen, and David Rolniak) created a master map template and in addition to making maps with the original data collected with the neighborhood residents, they also made other types of public data more public (i.e. city zoning and land use data and census data from the 2000 census). The students then created the maps in this Atlas and available on-line. In keeping with the participatory and community-based approach to this project, all the data collected is also available on the web site for the community to use.

All in all, this project was very rewarding – students gained new skills and had an opportunity to apply those new skills in a “real world” setting; residents were able to outline the types of data they wanted to collect and were then able to utilize the class in service to the neighborhood; the maps produced can become
resources for the neighborhood to continue the discussions about the street network and how to move forward; and perhaps equally important, the project was fun and built relationships between neighborhood residents and University students.

Acknowledgements
I would like to thank the Tom and Carol Williams Fund for Undergraduate Education (“The Williams Council”) for their support of this project and their on-going interest in bridging the development of new GIS skills for students with community service; Krissie Killoy, my Graduate Teaching Fellow (GTF) for this class was invaluable in helping this project meet the needs of students, of residents, and an academic time schedule; Kathy Saranpa, the chair of the Crest Drive Citizens Association who enthusiastically worked with students, both giving them project direction and insight into neighborhood politics; the students in my class and residents in the neighborhood for bringing joy, enthusiasm, and a positive approach to this collaborative project; and to students Heather Heater, Sara Bangen, and David Rolniak for post-processing the data and creating a wonderful atlas of maps.

Marc Schlossberg, PhD
Assistant Professor
Planning, Public Policy and Management (PPPM)
University of Oregon

May 2006

For the on-line version, please visit: http://www.uoregon.edu/~crest
Annexation of Taxlots by Year
Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Year Taxlots Built On
Crest Drive Neighborhood, Eugene, OR

Legend
Taxlots
- 1860-1896
- 1900-1909
- 1910-1919
- 1920-1929
- 1930-1939
- 1940-1949
- 1950-1959
- 1960-1969
- 1970-1979
- 1980-1989
- 1990-1999
- 2000
- Info Unavailable

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<th>Year</th>
<th>No. Taxlots Built On per Decade</th>
<th>No. Taxlots Build On as % of Total</th>
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<td>3</td>
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<td>Grand Total</td>
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Taxlot Zoning

Crest Drive Neighborhood, Eugene, OR

Legend

Taxlots

ZONING TYPE

RR5 - Rural Residence, 5 acre minimum
RR2SR - Rural Residence, 2 acre minimum, Site Review
RR2 - Rural Residence, 2 acre minimum
RR10 - Rural Residence, 10 acre minimum
RAPD - Suburban Residential Planned Development
RA/UL - Suburban Residential - Urbanizable Land
RA - Suburban Residential
R3SR - Multi-family Residential, Site Review
R3 - Multi-family Residential
R2SR - Limited Multi-family Residential, Site Review
R210 - Limited Multi-family Residential, Density Range 10
R2/10/SR - Limited Multi-Family Residential, Density Range 10, Site Review
R2 - Limited Multi-family Residential
R1 - Low Density Residential
PL - Public Land
PF - Public Facility
GO - General Office
F2 - Impacted Forest Lands
E40 - Exclusive Farm Use, 40 acre minimum
ML20 - Marginal Lands 20 acres
ML - Marginal Lands
C2 - General Commercial
C2PD - General Commercial, Planned Unit Development
C2SR - General Commercial, Site Review
C1 - Neighborhood Commercial
Crest Neighborhood Boundary

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
General Land Use

Crest Drive Neighborhood, Eugene, OR

Legend

LANDUSE
as of approx 2000
- Residential, Single family
- Residential, duplex
- Residential, Multi-family
- Residential, Group quarters
- Residential, mobile homes
- Religious, Charitable
- Parks
- Educational

- General Services
- Government
- Retail Trade
- Wholesale Trade
- Communication
- Utilities
- Agriculture
- Timber
- Vacant
- Taxlots

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Taxlot Statistical Class
Crest Drive Neighborhood, Eugene, OR

Legend
TAXLOTS
Statistical Class (as of 2004)

- Info Unavailable
- 107-NON-LIVING UNIT OF RESIDENTIAL VARIETY
- 110-CLASS 1 SINGLE FAMILY HOME
- 120-CLASS 2 CONDO OR TOWNHOUSE CLASS 2 SINGLE FAMILY HOME
- 130-CLASS 3 SINGLE FAMILY HOME
- 140-CLASS 4 SINGLE FAMILY HOME
- 140-CLASS 4 CONDO OR TOWNHOUSE
- 150-CLASS 5 SINGLE FAMILY HOME
- 160-CLASS 6 SINGLE FAMILY HOME
- 170-CLASS 7 SINGLE FAMILY HOME
- 232-CLASS 3 DUPLEX
- 235-CLASS 3 UNCLASSIFIED (<5 LIVING UNITS)
- 241-CLASS 4 TANDEM DUPLEX
- 242-CLASS 4 DUPLEX
- 243-CLASS 4 TRIPLEX
- 244-CLASS 4 FOURPLEX
- 245-CLASS 4 UNCLASSIFIED (<5 LIVING UNITS)
- 252-CLASS 5 DUPLEX
- 257-NON-LIVING UNIT OF FARM VARIETY
- 411-APARTMENT
- 417-SPECIAL CARE CENTER, NURSING/RETIREMENT
- 423-QUICK LUBE
- 429-NOT OTHERWISE SPECIFIED
- 432-COMMERCIAL, ONE TO THREE STORY
- 441-RESTAURANT (DINING)
- 455-OTHER FOOD STORE
- 456-COMMERCIAL, MULTIPLE USE
- 459-NOT OTHERWISE SPECIFIED
- 460-CHURCH
- 461-SCHOOL
- 480-AUTO PARKING (BLACKTOP ONLY)
- 492-BANK
- 496-MEDICAL BUILDING & CLINICS
- 499-NOT OTHERWISE SPECIFIED
- 703-CLASS C WAREHOUSE (NOW OBSOLETE)
- 708-INDUSTRIAL MANUFACTURING BLDG
- 709-PULP, PAPER & RELATED
- Crest Neighborhood Boundary

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Eugene City Wards
Crest Drive Neighborhood, Eugene, OR

Legend
- Taxlots
- WARD 1
- WARD 2
- WARD 8
- Area Outside Eugene Wards

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Soil Types
Crest Drive Neighborhood, Eugene, OR

Contour Topography

Crest Drive Neighborhood, Eugene, OR

Legend

- 20 ft intervals
- Crest Neighborhood Boundary

Data source: Lane Council of Governments, U.S. Census 2000, PPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
4J Elementary Schools
Crest Drive Neighborhood, Eugene, OR

Legend
4J School Boundary
NAME
- Adams
- Cesar Chavez
- Crest Drive
- Edgewood
- Ellis Parker
- Taxlots
- Crest Neighborhood Boundary

4J Middle School Boundaries
Crest Drive Neighborhood, Eugene, OR

Legend
- Roosevelt
- Jefferson
- Spencer Butte
- Taxlots

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Aerial Photograph

Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.

*All objects are within 10ft of edge of street
Aerial Photograph and Streets

Crest Drive Neighborhood, Eugene, OR

Street Survey Selection

- **Surveyed Streets**
- **Potentially Surveyed Streets**
- **Morseranch**
- **Crest Drive School**

*All objects are within 10ft of edge of street*

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.

GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.

Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Neighborhood Paths & Trails
Crest Drive Neighborhood, Eugene, OR

Legend
- Paths & Trails
- Stairways
- Private Paths
- Sidewalks
- Eugene City Parks
- Cemetery
- Taxlots

Street Condition

Crest Drive Neighborhood, Eugene, OR

Street Condition

- Good
- Fair
- Poor
- Not Designated

Crest Drive School
Morse Ranch
Tax Lots

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Risk Areas Related to Traffic
Crest Drive Neighborhood, Eugene, OR

Pedestrian Risks
- Low Visibility, Fast Cars but with Sidewalk
- Low Visibility and Fast Cars
- Fast Cars
- Low Visibility
- Sidewalk Present
- Dangerous Intersections
- Not Designated
- Observed Pedestrians

Are You Comfortable Walking Here?

- **Very Comfortable**
- **Somewhat Comfortable**
- **Not Comfortable**
- **Not Designated**

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Street Slope Survey
Crest Drive Neighborhood, Eugene, OR

Walking Space and Vegetation

Crest Drive Neighborhood, Eugene, OR

Walking Space and Vegetation
- Walking Space and no Vegetation
- Walking Space but with Overgrown Vegetation
- No Walking Space with Overgrown Vegetation
- No Walking Space but no Overgrown Vegetation

- Blackberries
- Not Designated
- Observed Pedestrians
- Crest Drive School
- Morse Ranch
- Tax Lots

Data source: Lane Council of Governments, U.S. Census 2000, PPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolnick, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Mailboxes and Driveways*

Crest Drive Neighborhood, Eugene, OR

Mailboxes and Driveways

- Mailboxes
- Driveways
- Streets with Parked Cars
- Crest Drive School
- Morse Ranch
- Tax Lots

*All objects are within 10ft of edge of street
Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Trees By Height*

Crest Drive Neighborhood, Eugene, OR

*All objects are within 10ft of edge of street

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Street Signs*

Crest Drive Neighborhood, Eugene, OR

*All objects are within 10ft of edge of street

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.
Impeding Utility Structures*

Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.

*All objects are within 10ft of edge of street

Utility Structures
- Utility Boxes
- Fire Hydrants
- Street Lamps
- Utility Poles
- Crest Drive School
- Morse Ranch
- Tax Lots

Legend:

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

Miles

West
North
East
South
Miscellaneous Points*

Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPM, University of Oregon 2005.

*Miscellaneous Points within 10ft of edge of street  

Fences  
Stairs  
Storm Drain  
Stone Garden  
Portable Toilet  
Crest Drive School  
Morse Ranch  
Tax Lots  

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles
Families

Crest Drive Neighborhood, Eugene, OR

Crest Drive Census Blocks

Number of families

- 0 - 15
- 17 - 41
- 45 - 80
- 121 - 130
- 386

Children under 5 years
Crest Drive Neighborhood, Eugene, OR

Population under 5 years / Total population in CDNB

- 0 - 2%
- 2 - 4%
- 4 - 6%
- 6 - 9%
- 9 - 17%

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
People age 65 and older
Crest Drive Neighborhood, Eugene, OR

Crest Drive Census Blocks
Population age 65 and older / Total population in CDNB

- 0 - 5 %
- 5 - 13 %
- 13 - 22 %
- 22 - 35 %
- 35 - 71 %

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Population of CDNB
Crest Drive Neighborhood, Eugene, OR

Crest Drive Neighborhood Boundary (CDNB)

Crest Drive Census Blocks

Number of persons per block

0 - 42
43 - 84
85 - 152
153 - 534
1232

Data source: Lane Council of Governments,
U.S. Census 2000, PPPM 436,
and City of Eugene.
GIS/Cartography: Sara Bangen,
David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg,
PPPM, University of Oregon 2005.
Residents by Race: Asian
Crest Drive Neighborhood, Eugene, OR

Crest Drive Neighborhood Boundary (CDNB)
Crest Drive Census Blocks
Population asian / Total population in CDNB

- 0 - 1.5 %
- 1.5 - 3.4 %
- 3.4 - 8.3 %
- 8.3 - 17 %

Residents by Race:
Black or African-American
Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments,
U.S. Census 2000, PPPM 436,
and City of Eugene.
GIS/Cartography: Sara Bangen,
David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg,
PPPM, University of Oregon 2005.
Residents by Race: Hispanic
Crest Drive Neighborhood, Eugene, OR

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Average Household Size
Crest Drive Neighborhood, Eugene, OR

Crest Drive Neighborhood Boundary (CDNB)
Crest Drive Census Blocks
Average Number of People in Each Household

Crest Drive Neighborhood Boundary (CDNB)

Crest Drive Census Blocks

Number of owner-occupied homes per block

- 0 - 15
- 16 - 37
- 38 - 69
- 70 - 128
- 438

Renter-Occupied Homes
Crest Drive Neighborhood, Eugene, OR

Number of renter-occupied homes per block

- 0 - 5
- 6 - 14
- 15 - 32
- 33 - 80
- 141

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Median Income
Eugene, OR

Neighborhoods

- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Boundaries of Eugene Neighborhoods

Census Block Groups
Household median income

- $0 - $17,781
- $17,782 - $30,731
- $30,732 - $42,330
- $42,331 - $56,989
- $56,990 - $102,480

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Median Housing Value
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Boundaries of Eugene Neighborhoods

Census Block Groups
Median value of owner-occupied homes
- $0 - $48,200
- $48,201 - $132,500
- $132,501 - $165,800
- $165,801 - $219,000
- $219,001 - $350,000

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolnik, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Workers: Walked to Work
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Census Block Groups
Workers who walked to work / Total workers
- 0 - 15 %
- 15 - 30 %
- 30 - 44 %
- 44 - 59 %
- 59 - 73 %

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolińak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Workers: Biked to Work
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Census Block Groups
Workers who biked to work / Total workers
- 0 - 6%
- 6 - 12%
- 12 - 18%
- 18 - 24%
- 24 - 31%

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Workers: Rode the Bus to Work
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Boundaries of Eugene Neighborhoods

Census Block Groups
Workers who rode the bus / Total number of workers

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Roliniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Workers Who Carpooleed
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Boundaries of Eugene Neighborhoods

Census Block Groups
Workers who carpooled / Total workers
- 0 - 6%
- 6 - 11%
- 11 - 17%
- 17 - 23%
- 23 - 29%

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.
Workers: Drove To Work
Eugene, OR

Neighborhoods
- Amazon
- Bethel
- Cal Young
- Churchill
- Crest Drive
- Downtown
- Fairmount
- Far West
- Friendly
- Harlow
- Jefferson
- Laurel Hill
- River Road
- Santa Clara
- South University
- Southeast
- Trainsong
- West Eugene
- West University
- Westside
- Whiteaker

Boundaries of Eugene Neighborhoods

Census Block Groups
Percent of workers who drove to work / Total workers
- 15 - 30 %
- 30 - 44 %
- 44 - 59 %
- 59 - 74 %
- 74 - 88 %

Data source: Lane Council of Governments, U.S. Census 2000, PPPM 436, and City of Eugene.
GIS/Cartography: Sara Bangen, David Rolniak, and Heather Heater.
Project Coordinator: Dr. Marc Schlossberg, PPPM, University of Oregon 2005.