Appendix B
Regional Data Catalog
March, 2014

**A product of the Regional Data Advisory Committee
of the Lane Livability Consortium**

Population & Demographics	Address/Property/ Boundaries	Transportation
Natural Systems	Land Use/ Built Environment	Climate & Energy
Education	Arts & Community	Economy & Jobs
Equity & Empowerment	Public Health	Public Safety

Disclaimer
The information contained within the Regional Data Catalog undoubtedly moves the ability for broader data coordination and understanding forward. The **catalog is, however, currently incomplete**. It serves as a useful place to continue the aggregation of relevant sources, plans, datasets and contacts, and must be maintained and updated in order to be relevant and useful.

Regional Data Catalog

The Regional Data catalog is a key product associated with the Regional Data Baseline Assessment and Next Steps Report, completed by the Lane Livability Consortium. The baseline assessment of data necessitated the development of a data framework and inventory.

Significant time at the Regional Advisory Committee level was dedicated to the development of a framework for an inventory of data. Ultimately, time and resource constraints necessitated a fairly basic preliminary framework approach. The approach ultimately pursued was viewed by the Advisory Committee as a reasonable balance between the constraints of the project and the necessity to develop a better understanding for data availability at both an agency/organizational and thematic level.

The fundamental concept was to provide a resource for improved access to, and understanding of, data in the region. Following is an introduction to and discussion of the contents of the Lane Regional Data Catalog (Appendix B).

Key Data Categories

Using a data framework established by Sustainability Tools for Assessing & Rating Communities (STARS)[1] as a starting place, LCOG staff developed twelve key data categories for the Regional Data Catalog framework. The categories were reviewed by the advisory committee and minor changes were made. The categories, although attempting to be as comprehensive as possible, do not cover every possible component of "data" within the region. They do cover areas determined by the advisory committee to be "key" categories related to sustainability. The categories are presented in Figure 1.

**Figure 1: Data Inventory Framework Containing Key Data Categories
(adjusted from STARS framework)**

Population & Demographics	Address/Property/Boundaries	Transportation
Natural Systems	Land Use/Built Environment	Climate & Energy
Education	Arts & Community	Economy & Jobs
Equity & Empowerment	Public Health	Public Safety

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[1] http://www.starcommunities.org/about

The Regional Data Catalog is organized by data categories. A summary was developed for each category. The summary was framed as a sort of "state of the data category" resource that would include a narrative description of the category including an orienting introduction to the category and answers to the following characterizing questions:

- What are the key uses/applications of this data?
- Who/what are the key organizations associated with this data?
- Who are the key holders of this data in the region?
- What are common, or key, data sets in this category?
- What are the committees, or boards that influence this data?
- What are the common formats the data is found in?
- What geographic scope is the data typically found at?

The task of tracking down the answers to these questions was and is not a simple one. That task was led by LCOG and Lane County staff but ultimately fell to the Advisory Committee as a whole. Each data category summary sheet was started by an individual committee member, typically one with unique expertise in the category. The results were then shared among committee members and beyond and additions and feedback were incorporated into the final drafts. Though the data category summary sheets may not all be fully comprehensive currently, they represent information gathered by numerous data users and managers representing numerous professional disciplines and organizations. Also of note is the fact the elements of the Regional Data Catalog are intended to be iterative with ongoing update and refinements. They will ideally serve as a useful and ongoing place for assembling any missing or new content.
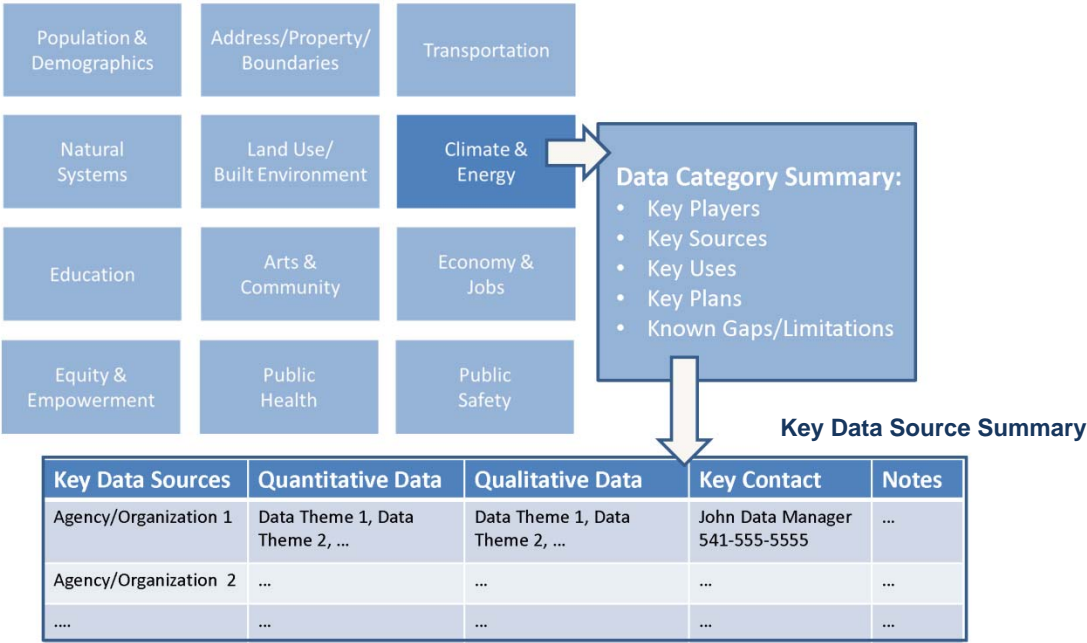
Key Data Sources
The second element of the Regional Data Catalog, and serving as a companion resource with the Data Category Summary sheets is the Key Data Sources Summary sheets. While the Data Category Summary sheets provide a thematic summary of data, the Key Data Sources Summary Sheets provide an organizational (sources) based summary of data. It outlines, at a summary level, which organizations have which data. They include the following information:

- The Key Data Source (Agency/Organization)
- Quantitative Datasets available through Agency/Organization (at a thematic level)
- Qualitative Datasets available through Agency/Organization (at a thematic level)
- Key Contact(s)
- Notes

The Key Data Sources Summary sheet is intended to be the primary resource that connects those seeking data to those who have it (or may be able to direct them further). Development of the Key Data Sources Summary sheets followed the same methodology as the Data Category Summary sheets, and just as the Data Category Summaries, they are intended to be updated and iterative.

Figure 2 provides an overview of the Inventory Framework represented by the Regional Data Catalogue.

Figure 2: Overview of Regional Data Catalog Inventory Framework

Population & Demographics	Address/Property/ Boundaries	Transportation
Natural Systems	Land Use/ Built Environment	Climate & Energy
Education	Arts & Community	Economy & Jobs
Equity & Empowerment	Public Health	Public Safety

Data Category Summary:
- Key Players
- Key Sources
- Key Uses
- Key Plans
- Known Gaps/Limitations

Key Data Source Summary

Key Data Sources	Quantitative Data	Qualitative Data	Key Contact	Notes
Agency/Organization 1	Data Theme 1, Data Theme 2, …	Data Theme 1, Data Theme 2, …	John Data Manager 541-555-5555	…
Agency/Organization 2	…	…	…	…
….	…	…	…	…

Although the intent is for each of the categories to be mutually exclusive, in a few cases data sets are included in more than one category for example, street networks are listed under both Land Use and Transportation).

Data Category Overview: *Address/Property/Boundary*

Introduction to Address/Property/Boundary Data

Address data describes point locations for addressable structures in Lane County. Standardized address fields contain the mailing address; with additional fields in place to indicate the address land use and a variety of geocoded boundary information. The regional address data is maintained at LCOG by assembling and processing building permit information provided by the various permit-issuing jurisdictions within Lane County. Quality control reports, air photos, user feedback, field verification, and other sources are used to maintain accuracy of the address data. Data collection, maintenance and support for the key data sets within this category are funded through the Cooperative Project Agreement (CPA) and managed through the Regional GIS Partnership. This makes Address, Parcel and Boundary data among the highest (if not the highest) quality data in the region.

The point address data, along with a road data set, is also used to create a linear road network with odd/even address ranges.

Property data is typically referred to as "tax lot" data and represents the property ownership boundaries for all property in Lane County. Property information is contained in a set of "production" tax lot data files maintained by Lane County Assessment & Taxation. The production tax lot data is built and maintained on top of a survey-quality set of Public Land Survey System (PLSS) data comprised of control points and lines. Accurately digitized subdivision plats and minor partitions are provided by Lane County Surveyor, Eugene Engineering, and Springfield Surveyor as input to the tax lot update process. Each week a copy of the production tax lots are provided to LCOG staff who then perform an extract, translate, load (ETL) process to create a "publication" tax lot data set that contains additional fields for property ownership information, assessed values, and boundary data. The data-rich publication tax lot data is typically the GIS data used for research, analysis, and mapping.

There are a number of "boundary" files that are maintained within the region that add additional value to the base data, and to other data sets. For the purpose of this data category only those boundary files that are jurisdictional in nature are described. These types of files (see below) comprise elective districts, city limits, service districts, and other regulatory zones.

The "Key Datasets" outlined below are a reviewed list of datasets viewed as broadly applicable and utilized. The Key Agencies for address/property/boundary data listed below obtain and manage numerous datasets from local, state and federal agencies, and some generate their own data. These key organizations do not necessarily have all datasets but are a useful starting place for obtaining data.

Key Data Sets/Access

PROPERTY DATA	
• PLSS Control Points	/Lane County, Eugene, Springfield Surveyor
• PLSS Township/Range/Section Lines	/Lane County, Eugene, Springfield Surveyor
• PLSS Donation Land Claims (DLC's)	/Lane County Surveyor
• Plats – Subdivisions and Minor Partitions	/Eugene Engineering, Springfield Surveyor, Lane County Surveyor, Lane County A&T, Lane County GIS
• Property Ownership – Tax Lots	/Lane County A&T, LCOG
ADDRESS DATA	
• Site Address Points	/LCOG, Lane County GIS
• Address Range Road Lines	/LCOG
BOUNDARY DATA – JURISDICTIONAL	
• City Limits	/LCOG
• Annexation History	/LCOG
• Urban Growth Boundary	/LCOG
• Utility Service Districts	/LCOG
• Transit Districts	/LCOG
• Council Ward Boundaries	/LCOG
• Commissioner Districts	/Lane County GIS, LCOG
• Park Districts	/LCOG, Lane County GIS
• Election Precincts	/Lane County GIS, LCOG
• LCC Board Zones	/LCOG
• State Representative Districts	/LCOG
• State Senate Districts	/LCOG
• Neighborhood Groups	/LCOG/Eugene Public Works Engineering
• Zip Code Boundaries	/LCOG, Lane County GIS
• Building, Sanitation, Electric Inspection Zones	/Lane County GIS

Key Agency/Organizations

• Lane Council of Governments	• Lane County Public Works – Surveyor
• Lane County Public Works – Land Management	• Lane County Assessment & Taxation
• US Bureau of Land Management	• City of Eugene Public Works Engineering
• Lane County GIS	• Eugene Water and Electric Board
• Springfield Utility Board	• Emerald People's Utility District
• City of Springfield Technical Services	• Lane Community College
• Lane Transit District	• Lane County Elections Department
• City of Eugene Planning and Dvlmpnt.	• City of Eugene Manager's Office
• City of Springfield Manager's Office	• Blachley-Lane Co-op
• Lincoln People's Utility District	

Primary Data Contacts

- Lane Council of Governments
- Lane County Information Services GIS
- City of Eugene Public Works
- Lane County Public Works

- City of Springfield Public Works
- Eugene Water and Electric Board
- City of Springfield Technical Services

Key Data Uses

Property Data - Control
- Serve as the primary basis for accurately locating and depicting other property-related data, such as subdivisions and tax lots.

Property Data – Tax Lots
- Provide a visual representation of the property ownership boundaries.
- Serve as a framework for assembling other data at a tax lot-specific level.
- Display and analyze property value information – improved value, owner type, etc.
- Provide a means to contact property owners based on a user-defined geography.
- Serve as a reference layer for creating other data layers; such as other boundary files.

Address Data
- Provide a visual representation of address data, such as building type and location, owner, etc.
- Serve as input for creating the Public Safety-related files; such as the Master Street Address Guide and the Computer Aided Dispatch System.
- Used to provide a geographic component (x,y coordinate) to external files that have an address field. These are done through address matching routines and address geocoding processes.
- Provide population estimates by assigning average household size to residential address locations.
- Create site address mailing-labels for user-specified areas.

Boundary Data – Jurisdictional
- Understand which areas are within a certain jurisdiction by comparing to property and address locations.
- Provide a means to trigger other boundary layer changes. Such as an annexation to city limits thereby triggering a change in zoning status.
- Provide information to the public describing which elected officials serve their area of interest.
- Help balance workloads for building permit inspections.

Key Committees/Consortiums/Forums for Data Coordination

- Regional GIS Steering Committee
- Regional GIS Coordinators Committee
- Regional Address Subcommittee
- Regional Tax Lot Subcommittee

Key Plans Related to Address/Property/Boundary Data

- Regional Tax Lot Maintenance Plan (plats)
- Regional Cooperative Project Agreement
- State of Oregon Department of Administrative Services GIS Data Standards

Key Data Formats

Address/Property/Boundary data is available in numerous formats. A significant number of datasets are available in GIS (spatial) format, which requires special software. Many primary data contacts can provide mapped materials or tabular extracts from GIS datasets (in excel, or other spreadsheet formats). Significant amounts of data also exist within studies and reports, or in the form of printed maps and imagery (including site and aerial photos).

Key Sources

Address/Property/Boundary data is collected and maintained at the County and City Survey/Engineering, County Assessment & Taxation and County Land Management (according a Regional Tax Lot Maintenance Plan). Lane Council of Governments makes publication quality versions available for GIS viewing. These sources are available

Geographic Scope of Data

Address/Property/Boundary data is collected and maintained at the county geography scale, for specific purposes related to taxation, agency responsibility and navigation. State and Federal agencies, as well as private companies (title companies for example) seek to acquire this data from multiple counties to assemble into region wide data sets. For this purpose the state has created standards and in some cases rewards for meeting their standards.

Data Collection Frequency

Property and Boundary data is maintained based on formal processes including building permits, deeds, plats and District Annexations. New Control data is collected by Cty and County Survey to augment BLM published PLSS control layers. Additionally Lane County keeps a file of surveys by private land surveyors. Address data is updated regularly in each agency.

Data Accessibility

Address/Property/Boundary data is available in an array of internet applications published by Lane County and RLID by Lane Council of Governments.

Address/Property/Boundaries: Key Data Sources Table

Key Data Sources	Data Sets	Contact	Notes
Lane Council of Governments & Lane County (RLID.org)	GIS: Address, Towers, PLSS Corners, Address Grid, Public Facilities, Tax-lots, Tax-codes, Land Productivity, Road right-of-way, Historic Tax Lot Lines, PLSS Township, Section, Quarter Section, Donation Land Claims, Plats, Lane County Surveyed Corners, Tax-lot & Tax-code Annotation, County boundary, Adjoining County boundaries, Commissioner Districts, MPO Boundary, Urban Growth Boundaries, City Limits, School Districts, School attendance areas, Fire Districts, Airport zones, Parks, National Forest, Utility service areas, Zip Code, State Fire Patrol, Community organizations Filed Documents: Filed Surveys(not digitized), Tangible Assessor maps from the 1970s used for determination of Legal Lots.	Bill Clingman bclingman@lcog.org 541-682-4548 Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
City of Eugene			
City of Springfield			

Data Category Overview: *Climate & Energy*

Introduction to Climate and Energy Data

Climate and Energy data includes data related to energy consumption, waste generation (a proxy for materials consumption). It also includes data related to climate preparedness – the ability of the community to withstand warmer temperatures, increased intensity of rainfall, reduced snowpack, poorer air quality, and others. The "Key" Datasets outlined below are a vetted list of datasets viewed as broadly applicable and utilized. The Key Agencies for Climate and Energy data listed below do not necessarily have all datasets but are a useful starting place for obtaining data. Other data sets of interest may include earthquake data, rainfall/precipitation data, flood events and flood zone information, and urban-wild land fires.

Key Data Sets/Access

• Natural Gas Consumption	/Northwest Natural Gas
• Motor Vehicle Fuel Consumption	/Oregon DOT
• Electricity Consumption	/EWEB, SUB
• Water Consumption	/EWEB, SUB
• Waste Generation and Diversion Rates	/Lane County
• Impervious Surface Area	/Cities
• VMT and Mode Split	/LCOG

Key Agency/Organizations

• Central Lane MPO (LCOG)	• Oregon Climate Change Research Institute
• Lane County Public Works	• Oregon Department of Environmental Quality
• Eugene Water and Electric Board	• Federal Emergency Management Act (FEMA)
• Springfield Utility Board	• NOAA National Weather Service
• Lane Regional Air Protection Agency	• LandFire Interagency Mapping Program
• City of Eugene	• FEMA (Federal Emergency Management Act)
• City of Springfield	• USGS Earthquake Hazards Program

Key Data Uses

Greenhouse gas inventories.
Progress reports toward achieving a) GHG reduction goals and b) climate adaptation goals

Key Committees/Consortiums/Forums for Data Coordination

- Oregon Climate Change Research Institute
- ICLEI Communities for Sustainability

Key Plans Related to Climate and Energy Data

- Community Climate and Energy Action Plan for Eugene
- Springfield Greenhouse Gas Inventory
- Eugene Internal Greenhouse Gas Inventory
- Eugene Internal Climate Action Plan
- Eugene-Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan
- Eugene Comprehensive Plan
- Eugene Community Greenhouse Gas Inventory
- Eugene Transportation System Plan
- Eugene Comprehensive Stormwater Management Plan
- EWEB Energy Conservation Resource Strategy
- Eugene Stormwater Management Plan

• Lane County Natural Hazards Mitigation Plan
• Oregon's Integrated Water Resources Strategy
• Ridgeline Area Open Space Vision and Action Plan
• Springfield Stormwater Facilities Master Plan
• Springfield Stormwater Management Plan

Geographic Scope of Data

Varies: State, County, Cities, Census geographies

Data Collection Frequency

Varies

Data Accessibility

Highly Variable

Climate and Energy: Key Data Sources Table

Key Data Sources	Data Sets	Contact	Notes
Lane Council of Governments	Vehicle Miles Travelled estimates Commute to work mode split Vehicle ownership rates by neighborhood 20 minute neighborhoods assessment	Susan Payne SPayne@lcog.org	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	Lane County Fleet Fuel Consumption; Lane County Facilities Electricity Consumption, Natural Gas Consumption, Water Consumption		
City of Eugene City Manager's Office	Community GHG inventory Internal (City of Eugene) GHG inventory Eugene community attitudes re: climate change and consumption	Matt McRae matt.a.mcrae@ci.eugene.or.us 682-5649	
City of Eugene Public Works	City of Eugene Fleet Fuel Consumption & Efficiency Area of Impervious Surface (PW Engineering)	Tony Jobanek tony.g.jobanek@ci.eugene.or.us 682-4808 Mike Miller (GIS Analyst, Supervisor) 682-5248	
Oregon DEQ	Statewide Consumption-based GHG inventory	David Allaway Allaway.David@deq.state.or.us (503) 229-5479	
City of Eugene Facilities	City of Eugene Facility Electricity Consumption, Natural Gas Consumption, Water Consumption Sq. Ft. of Buildings owned Sq. Ft. of buildings leased	Lynne Eichner lynne.m.eichner@ci.eugene.or.us 682-5083	
City of Eugene Planning and Development	Average Home Size Dwelling configuration: Single Family; Multifamily	Doug Terra doug.m.terra@ci.eugene.or.us 541-682-6035 Debbie Wells (building permits) debbie.l.wells@ci.eugene.or.us 541-682-6828	
City of Springfield	City of Springfield Fleet Fuel Consumption, Facility Electricity Consumption, Natural Gas Consumption, Water Consumption		
Eugene Water and Electric Board	Community-wide electricity & water consumption	Jeannine Parisi Jeannine.Parisi@EWEB.ORG	
Springfield Utility Board	Electricity Consumption		
Oregon Department of Transportation	Eugene Motor Vehicle Fuel Consumption Springfield Motor Vehicle Fuel Consumption	http://www.oregon.gov/ODOT/CS/FTG/Pages/index.aspx	
Northwest Natural Gas	Regional Natural Gas Consumption Eugene Natural Gas Consumption Springfield Natural Gas Consumption	DeSnyder, Jeff Jeff.DeSnyder@nwnatural.com 503.226.4211 x5506	
US Energy Information Administration	Motor Vehicle Fuel Price Average US Fleet fuel efficiency	http://www.eia.gov/	
Oregon DMV	Vehicle fleet age and fuel efficiency		
US EPA	Electricity GHG Emissions Factors	http://cfpub.epa.gov/egridweb/ghg.cfm	
Census	Commute to work mode split		
Lane County	County waste generation rate County waste diversion rate	Sarah Grimm (541) 682-4339 Sarah.GRIMM@co.lane.or.us	

Key Data Sources	Data Sets	Contact	Notes
Lane Transit District	Transit trips Transit vehicle efficiency Transit system fuel consumption		
Oregon Climate Change Research Institute	Regional Climate Change Projections	http://occri.net/	
US Global Change Research Program	Regional and national climate change projections	http://www.globalchange.gov/	

Data Category Overview: *Natural Systems & Resources*

Introduction to Natural Systems & Resources Data

Natural Systems data includes data related to water, air, wildlife, vegetation and geology (including soils). It includes some data that address Open Space and Recreation, as well as Utilities as they relate to quantity and quality of water. Natural Systems and Resources data is collected and maintained at most geographies, but the majority of useful datasets are developed by federal and state agencies. A RLID Natural Resources subcommittee is included in RLID's project organizational concept, but no such subcommittee has been organized or met. The "Key" Datasets outlined below are a vetted list of datasets viewed as broadly applicable and utilized. The Key Agencies for Natural Systems and Resources data listed below obtain and manage numerous datasets from the state and federal agencies, and some generate their own data. These key organizations do not necessarily have all datasets but are a useful starting place for obtaining data. There is some overlap in this data category with environmental health. See Public Health Key Data Sources table for examples of the data sources. Overlap is in the area of air, water quality, environmental hazards to health.

Key Data Sets/Access

• 303d Water Quality Limited Streams	/Department of Environmental Quality /LCOG
• Local and National Wetland Inventories	/Department of State Lands/LCOG
• Parks/Open Space Inventories	/Cities/Lane County/LCOG
• Local Riparian Resources	/Lane County/LCOG/ Eugene & Springfield PW
• National Floodplain Data	/FEMA/LCOG
• Endangered and Threatened Species	/US Fish and Wildlife/ODFW/LCOG
• Groundwater Quality	/DEQ/LCOG
• Air Quality (Pollution Concentration)	/Lane Regional Air Protection Agency
• Soils (Soil Map Units)	/NRCS/Lane County/LCOG
• LiDAR/Elevations	/Cities/LCOG/Lane County/DOGAMI
• National Hydrography Dataset	/USGS/ LCOG
• General Natural Hazards	/Lane County/Oregon Partnership for Disaster Resilience/DOGAMI
• Aerial Imagery	/LCOG/Lane County/Eugene and Spring. PW
• Environmental regulated sites	/DEQ
• Fish Habitat and Distribution	/Oregon Dept. of Fish and Wildlife
• Biodiversity Information	/Ore. Biodiversity Info. Center (ORBIC)

Key Agency/Organizations

- Lane Council of Governments
- Lane County Public Works
- Eugene Water and Electric Board
- Springfield Utility Board
- Lane Regional Air Protection Agency
- City of Eugene Public Works
- City of Eugene Planning and Development
- City of Springfield Public Works
- Long Tom Watershed Council
- Oregon State University
- Southern Willamette Valley GWMA
- McKenzie River Trust
- Department of Environmental Quality
- Department of State Lands
- Oregon Fish and Wildlife Service
- Oregon Water Resources Department
- US Geological Survey
- Army Corps of Engineers
- Federal Environmental Protection Agency
- US Forest Service
- Bureau of Land Management
- Federal Emergency Management Act (FEMA)
- Oregon Dept of Geology & Mined Industries (DOGAMI)

Primary Data Contacts

- Lane Council of Governments
- Lane County Public Works
- City of Eugene Public Works
- Lane Regional Air Protection Agency
- City of Springfield Public Works
- Eugene Water and Electric Board
- Springfield Utility Board

Key Data Uses

- Local Administration /Compliance with Statewide Planning Goals 5 and 6 (Maps and Exhibits for Comprehensive Plan and Development and Zoning Ordinances, Goal 5 Inventories).
- Long Range Planning (Buildable Lands Analysis, UGB Expansion analysis, parks and Open Space Planning, Conservation and Restoration Planning).
- Research (Historical resource trends and forecasting)
- Public health research, reporting and monitoring

Key Committees/Consortiums/Forums for Data Coordination

- Natural Resources subcommittee of the Regional GIS Partnership (currently not organized)
- Southern Willamette Valley Groundwater Management Area (GWMA) Committee
- Oregon Geospatial Enterprise Office
- Lane County Parks Advisory Committee
- Lane County Community Health Council

Key Plans Related to Natural Systems Data

- Community Climate and Energy Action Plan for Eugene
- Eugene Parks, Recreation and Open Space Comprehensive Plan (PROS)
- Eugene-Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan
- Eugene Stormwater Basin Master Plan
- Eugene Comprehensive Stormwater Management Plan
- Eugene-Springfield Metropolitan Plan
- Eugene Urban Forestry Management Plan
- Eugene South Hills Study
- West Eugene Wetlands Plan
- EWEB Drinking Water Source Protection Plan
- EWEB Energy Conservation Resource Strategy
- Lane County Natural Hazards Mitigation Plan
- Lane County Parks Master Plan
- Lane County Rural Comprehensive Plan
- Willamette River Open Space Vision and Action Plan
- Oregon's Integrated Water Resources Strategy
- Ridgeline Area Open Space Vision and Action Plan
- Rivers to Ridges Metropolitan Regional Parks and Open Space Vision
- MWMC Facilities Plan for the Eugene-Springfield Regional Wastewater Treatment Facilities
- Springfield Stormwater Facilities Master Plan
- Springfield Stormwater Management Plan
- Willamalane Park and Recreation Comprehensive Plan

Key Data Formats

Natural Systems and Resources data is available in numerous formats. A significant number of datasets are available in GIS (spatial) format, which requires special software. Many primary data contacts can provide mapped materials or tabular extracts from GIS datasets (in excel, or other spreadsheet formats). Significant amounts of data also exist within studies and reports (many of which are listed above), or in the form of printed maps and imagery (including site and aerial photos).

Key Sources

Natural Systems and Resources data is collected and maintained at most geographies, but the majority of useful datasets are developed by federal and state agencies, key among these are the DEQ, DSL, ODFW, WRD, USFWS, USFS, BLM, EPA and NRCS . Many agencies collect and monitor resource data for reporting or other purposes. Key among these sources are EWEB, SUB, Lane County, the Cities of Eugene and Springfield, LRAPA and watershed councils.

Geographic Scope of Data

The geographic scale of natural resources and systems data cannot be typified. It varies widely federal datasets to site specific information. Location specific information can be extracted from many datasets due to their spatial formats and/or comprehensive locational attributes.

Data Collection Frequency

The collection of natural resources and systems data cannot be generalized. It varies widely from real time monitoring to inventories which occur sporadically and, in some cases, only once.

Data Accessibility

Since a lot of Natural Resources and Systems data are available in GIS format, accessing the data can prove challenging to those who don't own the expensive software to view and manage it. Some data are also very sensitive and therefore not available, including some data related to endangered and threatened species.

Natural Resources and Systems: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Contact	Notes
Lane Council of Governments	Local Wetland Inventories (GIS/Maps), National Wetland Inventory, West Eugene Wetlands, Soil Map Units, Hydric Soils, High Value Farm Soils, Floodplain (FIRM), 1996 Flood Area (GIS), Geologic Fault Lines, Wetland Mitigation Banks, 303d Listed Streams, Fish Bearing Status, Eugene Sensitive Areas, Eugene Protection Buffers, Eugene Creeks, National Hydrography Dataset, Eugene City Trees, Historic Vegetation, Seismic Data, Watershed Sub-basin Boundaries, Threatened and Endangered Species, Land cover, Aerial photography (current/historic), LiDAR, Elevations.	Bill Clingman bclingman@lcog.org 541-682-4548	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County			
City of Eugene Public Works			
City of Eugene Planning and Dev.			
City of Springfield Public Works			
Eugene Water and Electric Board			
Springfield Utility Board			
Lane Regional Air Protection Agency			

Data Category Overview: *Education*

Introduction to Education

Lane County has a broad spectrum of Education facilities and programs. This category ranges in scale from the University of Oregon to home schooling. Major concerns are with district and program funding at federal, state and local levels. Map data includes locations of facilities and boundaries of attendance areas and districts. Other data sources document teacher standards, student/school performance and district logistics. Education is related to public health, public safety and demographics.

There are 201 school districts in Oregon. Lane County contains 16. The geographic boundaries of school districts are very stable. Occasionally a change in boundary will result from an individual property owner request. These requests, as well as legal descriptions of the district boundaries can be found at Lane County Assessment & Taxation.

Though a significant amount of education data related to performance is fairly easily accessible, data specific to schools and particularly data related to specific students (although kept), is understandably highly confidential and generally unavailable expect through highly restrictive and rare intergovernmental agreements.

Key Data Sets/Access

• GIS layers: district boundaries, facilities location, attendance districts	/Lane County Assessment & Taxation, LCOG
• Open Books Project - Demographic, Financial, Achievement, Teacher, Community qualitative data (Oregon)	/http://www.openbooksproject.org
• American Community Survey (Census) : Highest education level by male/female	/US Census Bureau
• Elementary Student addresses, grade/year, school attending, free and reduced lunch, ethnicity and gender	/School Districts (highly confidential/conditional)
• College student addresses and other characteristics	/LLC & UO (highly confidential/conditional)
• Higher Education Facts and Figures	/Oregon University System

Key Agency/Organizations

- Lane Education Service District
- Public School Districts
- Lane County Assessment & Taxation
- Private Primary & Secondary Schools
- Private Colleges & Universities
- Lane County Assessment & Taxation
- Lane Arts Council
- Eugene Library Lane Community College/Library
- University of Oregon/Library
- Eugene Library
- Springfield Library
- Lane Education Foundation

- Oregon Education Association
- Oregon Department of Education
- Oregon School Boards Association

Primary Data Contacts

Public School Districts

- Bethel 52
- Blachly 90
- Creswell 40
- Crow-Applegate-Lorane 66
- Eugene 4J
- Fern Ridge 28J
- Junction City 69
- Lowell 71
- Mapleton 32
- Marcola 79J
- McKenzie68
- Oakridge 76
- Pleasant Hill 1
- Siuslaw 97J
- South Lane 45J
- Springfield 19

Higher Education Institutions

- Eugene Bible College
- Gutenberg College
- Northwest Christian University
- Pacific University
- University of Oregon
- OSU Extension Service
- Lane Community College

Child Care

- Family Connections (Lane Community College)
- Head Start of Lane County
- Early Education Program

Education Advocacy Groups

- Lane Education Foundation
- Oregon Education Association
- Oregon School Boards Association
- Stand for Children
- Chalkboard Project

Key Data Uses

- Funding Campaigns
- Demographics/Research
- School selection
- Mapping Equity and Opportunity
- Transportation and Land Use Modeling

Key Committees/Consortiums/Forums for Data Coordination

- School Boards
- Eugene Education Association
- Parent Teachers Organizations

Key Plans Related to Education Data

- University of Oregon Campus Maps http://uoregon.edu/maps
- Lane Education Service District School District map
- LCOG RLID Quick Look
- Lane County Commissioner Search
- ECO Northwest – The Economic Impacts of Oregon's Student Achievement Gap

Key Data Formats

Education data is available in numerous formats. A small number datasets are available in GIS (spatial) format, which requires special software. Many primary data contacts can provide tables, reports and rudimentary online maps. GIS layers are available from LCOG or Lane County.

Key Sources

Key data sources include enrollment data and reporting data.

Geographic Scope of Data

The geographic scale of Education Data is quite broad. The locations of school facilities and attendance boundaries are important to property owners and parents. At the County level school districts are one of the boundaries used to determine tax liability. At the State and Federal level student enrollment and demographic statistics are used for allocation of government funding.

Data Collection Frequency

The collection of Educational data cannot be generalized. Attendance areas change much more frequently than district boundaries. Performance statistics are inventoried through testing each school year (straddling calendar years).

Data Accessibility

Education data for Lane County is available as several GIS layers maintained by LCOG or Lane County. School Districts maintain data sets that are a mix accessible and highly confidential data. Statistical data is available from the State Department of Education.

Education: Key Data Sources Table

Key Data Sources	Data Sets	Contact	Notes
Lane Council of Governments	GIS: School Attendance Areas, School Districts, School Facility Location. Student data for particular years and schools. University of Oregon and LCC student data (year, address, campus).	Bill Clingman bclingman@lcog.org 541-682-4548	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	GIS: School Attendance Areas, School Districts, School Facility Location	Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Eugene 4J School District	Student data (enrollment, performance, free and reduced lunch, ESL, grade). Budget data, facilities data	Oscar Loureiro loureiro_o@4j.lane.edu	Student specific data is confidential, and considerably limited in its availability.
Bethel School District	Student data (enrollment, performance, free and reduced lunch, ESL, grade). Budget data, facilities data	Pat McGillivray pat.mcgillivray@bethel.k12.or.us	Student specific data is confidential, and considerably limited in its availability.
Springfield School District	Student data (enrollment, performance, free and reduced lunch, ESL, grade). Budget data, facilities data	Technology Services (541) 726-3463	Student specific data is confidential, and considerably limited in its availability.
University of Oregon	GIS: Campus maps, layers, facilities CAD: Facility Mapping, As-Built Drawings Student enrollment, performance, demographics, etc.	James Meacham: Infographics Lab Director jmeacham@uoregon.edu (541)346-5788 Eric Grape: Facilities Cartographer egrape@uoregon.edu 541-346-2378	Student specific data is confidential, and considerably limited in its availability.
Lane Educational Service District	School District Boundary Legal Description Chalkboard Project	http://www.openbooksproject.org/	
Lane Community College	GIS: Campus maps, layers, facilities CAD: Facility Mapping, As-Built Drawings Student enrollment, performance, demographics, etc.	Russ Pierson: Project Coordinator piersonr@lanecc.edu (541)463-5727	Student specific data is confidential, and considerably limited in its availability.

Data Category Overview: *Economy & Jobs*

Introduction to Economy & Jobs Data

Economy & Jobs data includes data related to employment, technical innovation, occupations, investment, economic productivity and performance. It includes some data relevant to education, as well as real estate. Economic data mostly relates to the geographic scales of metropolitan areas, counties, and states, but the majority of useful datasets are developed by federal and state agencies. The "Key" Datasets outlined below are a vetted list of datasets viewed as broadly applicable and utilized. Only some of the Key Agencies for Economy & Jobs data listed below operating in the greater Eugene-Springfield metro area generate their own data; most information is accessed from state or federal databases for local analysis. These key organizations do not necessarily have all datasets, but are useful contacts for answering questions about data or directing you to other information resources.

Key Data Sets/Access

• Economic Census	/US Census Bureau
• Longitudinal Employer-Household Dynamics (LEHD)	/US Census Bureau
• Labor Market Statistics	/WorkSource Oregon (OR Employment Department)
• Employment/unemployment • Industry Profiles	/WorkSource Oregon (OR Employment Department)
• Industrial and Commercial Land Supply	/City of Eugene/City of Springfield
• Real Estate Valuation University of Oregon Economic Impact	/City of Eugene
• Business Development Assistance Statistics	/Chambers of Commerce
• Innovation Performance (Patents, Venture Capital Funding, SBIR Investments)	/Brookings Institute
• Business Site Location Information	/LCOG/Oregon Employment Department
• Lane County geocoded Employment Figures (by firm, 1978-2012)	/LCOG/Oregon Employment Department

Key Agency/Organizations

- Lane Council of Governments
- Lane County Economic Development
- Eugene Chamber of Commerce
- Lane Workforce Partnership
- Springfield Chamber of Commerce
- Neighborhood Economic Development Corporation (NEDCO)
- City of Eugene Planning and Development
- City of Springfield
- University of Oregon Center for Assessment Statistics and Evaluation

- Oregon RAIN
- University of Oregon Technology Transfer Office
- US Bureau of Labor Statistics
- US Bureau of Economic Analysis
- US Census Bureau
- Business Oregon
- Oregon Employment Department
- Department of Environmental Quality
- Brookings Institute

Primary Data Contacts

- Lane Council of Governments
- Eugene Chamber of Commerce
- City of Eugene Planning and Development
- Lane Workforce Partnership
- University of Oregon / Oregon RAIN
- Oregon Employment Department

Secondary Data Contacts

- US Bureau of Labor Statistics
- US Census Bureau
- US Bureau of Economic Analysis
- Oregon Department of Environmental Quality
- Business Oregon
- Oregon Employment Department

Key Data Uses

- Long Range Planning (Buildable Lands Analysis, UGB Expansion analysis, parks and Open Space Planning, Conservation and Restoration Planning).
- Research (Historical resource trends and forecasting)
- Employment information is also a key input into regional transportation modeling.
- Economic indicators provide support for grant applications
- Economic indicators are used for prioritization of departmental agendas and work plans.

Key Committees/Consortiums/Forums for Data Coordination

- "Big Look" Group (Committee Tasked with charting future of Lane Metro Partnership)
- Chambers of Commerce

Key Plans Related to Economy & Jobs

- Regional Prosperity Economic Development Plan
- Cascades West EDD 2010-2015 CEDS
- Local Strategic Unified Workforce Plan
- Eugene-Springfield Metropolitan Plan
- Envision Eugene project
- Springfield 2030
- 2010 Eugene-Springfield Consolidated Plan

Key Data Formats

Economy & Jobs data is available in GIS or in spreadsheets. Significant amounts of data also exist within studies and reports.

Key Sources

Economy & Jobs data is collected and maintained at geographic scales ranging from metropolitan statistical area to national. The majority of locally useful datasets are developed by federal and state agencies. Many agencies collect and analyze economic data for reports or individual project purposes. Data collected and monitored locally of interest to economic developers include tax evaluation.

Relationship of Data Lane Livability Consortium Focus Areas

Economy & Jobs, although not explicitly outlined as a key focus area of the Lane Livability Consortium, are key contributors to primary focus areas. Implementation of the Regional Prosperity Plan is a key focus of Lane Livability Consortium Task 6.4.

Economic Development: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Qualitative Data Sets	Contact	Notes
Lane Council of Governments	Demographic data, tax assessor (RLID), Employment points	Small business administration relations	Eric Brandt, Steve Digham	LCOG operates a small business loan program
Lane County		Regional Food Consortium Lead	Sarah Mizejewski Economic Development Supervisor (541)-682-6503	Links to other data sources: http://www.lanecounty.org/Departments/CAO/EconDev/Pages/EconIndicators.aspx
Lane Workforce Partnership	Employment Statistics, Job Creation	Bi-Annual State of the Workforce Report	Kim Thompson, Workforce Analyst, 541-349-9178, kimberly.r.thompson@state.or.us	
City of Eugene Planning and Dev.	Brownfields Inventory, Business Development Fund Statistics, Downtown Public Investment, Enterprise Zone Tax Break, Multi-Unit Property Tax Exemption	Industry Cluster Reports	William Ellis Economic Development Analyst Amanda Nobel Flannery Loan Analyst	
University of Oregon	Education information (Connected Lane County), Tech Transfer performance measures, University of Oregon economic impact figures, Economic Performance Reports	Unknown, but business college likely has a multitude	Tim Duy, Professor of Economics; Lynn Stearney, UO Tech Transfer Research; Terri Ward, UO Center for Assessment Statistics and Evaluation	UO Tech Transfer, University Economic Statistics, and Office of Research Development have different information
Eugene Chamber of Commerce		Regional prosperity initiative performance information, number of contacts, meetings	Carrie Russo CarrieR@eugenechamber.com	
Oregon Employment Department	Employment Statistics, Trends		Brian Rooney, Regional Economist	
Business Oregon	Ready to develop sites in Lane County	Information regarding business recruitment	Sean Stevens, Regional Business Oregon Representative	Business location recruitment contacts
Oregon Department of Environmental Quality	ECSI (Environmental Cleanup Site Information Database), LUST (Leaking Underground Storage Tanks)	Commercial and Industrial Site History and Status Available through Project Managers	Mary Camarata, Western Oregon Region Representative	
Bureau of Labor Statistics	Federal employment data (totals, industry, wages, unemployment), location quotient calculator, consumer price index		Brian Rooney, Oregon Regional Economist	http://www.census.gov/econ/cbp/
Bureau of Economic Analysis	Gross Metropolitan Product, Productivity, Value by Sector, Area Personal Income, Input-Output and Multipliers			http://www.bea.gov/
Brookings Institute	Innovation performance by metro, manufacturing profiles by metro, Job Access and Transit, Skills and Education, Poverty		http://www.brookings.edu/about/projects/state-metro-innovation/experts	http://www.brookings.edu/about/projects/state-metro-innovation/resources
Cornell Internet Data Source for Social Scientists				http://www.ciser.cornell.edu/ASPs/datasource.asp See below.

Interesting links for the economic researcher selected from: http://www.ciser.cornell.edu/ASPs/datasource.asp
Attachment A to the Regional Data Catalog contains a comprehensive list of useful federal economic development datasets

Geographic Scope of Data

Although a frequent request is that economic data be split up for City of Eugene and City of Springfield, this would not reflect economic reality. The shared commuting distances of these two cities underscores a shared labor market. City specific information cannot be extracted from many datasets due to their spatial formats and/or comprehensive locational attributes. Average incomes and expenditures may be broken down to neighborhood scales, but wages and industry performance are best viewed and understood at a regional level.

Data Collection Frequency

The collection of Economy & Jobs data cannot be generalized. It varies widely from real time monitoring to inventories which occur sporadically and, in some cases, only once.

Data Accessibility

Most Economy & Jobs data access is free and open through federal and state websites, but expertise and advice is often needed to interpret information for local economies. Some data, like consumer purchasing information and market segmentation information is available commercially. Employment figures by firm and location are also available through LCOG, but under strict confidentiality parameters.

Data Category Overview: *Land Use / Built Environment*

Introduction to Land Use / Built Environment Data

Land Use / Built Environment data includes data related to the use of land and existing development on the land. It includes some data from other data categories as they relate to how land is utilized. Land Use / Built Environment data is collected and maintained at most geographies, but the majority of useful datasets are developed by city agencies or LCOG (for smaller cities and the county). The "Key" Datasets outlined below are a vetted list of datasets viewed as broadly applicable and utilized, of which many subsets of data could be developed (e.g. housing density). The Key Agencies for Land Use / Built Environment data listed below obtain and manage numerous datasets and some generate their own data. These key organizations do not necessarily have all datasets but are a useful starting place for obtaining data.

Key Data Sets/Access

• Comprehensive plan designation • Zoning	/LCOG /City of Eugene Planning & Development /City of Springfield Development & Public Works
• Property & improvements assessments	/Tax Assessor/RLID
• Aerial photography	/LCOG
• Land use code & structure type	/LCOG
• Buildable lands supply	/City of Eugene Planning & Development /City of Springfield Development & Public Works
• Building permits & land use approvals • Historical sites	/City of Eugene Planning & Development /City of Springfield Development & Public Works
• Housing	/US Census/Cities of Eugene, Springfield and Lane County/HACSA/United Way
• Building footprints/outlines • Impervious surface areas (Eugene only)	/City of Eugene Public Works Engineering /City of Springfield Development & Public Works
• Street network (public/private) & right-of-way	/City of Eugene Public Works Engineering /City of Springfield Development & Public Works
• Utilities (Water, Sewer, Electric, Telecomm)	/City of Eugene Public Works Engineering /City of Springfield Development & Public Works /Eugene Water & Electric Board/Springfield Utility Board/Emerald People's Utility District /Lane Electric/LCOG (BPA power lines, Fiber-Telecomm)
• Protected natural resource areas	/City of Eugene PW, Planning & Development /City of Springfield Development & Public Works /LCOG/Lane County
• Park sites/assets/infrastructure	/City of Eugene Public Works Engineering

Key Agency/Organizations

• Lane Council of Governments	• City of Springfield Development & Public Works
• Lane County Public Works	• Eugene Water and Electric Board
• City of Eugene Public Works Engineering	• Springfield Utility Board
• City of Eugene Planning and Development	• Lane County Tax Assessor

Key Data Uses

- Local Administration /Compliance with Statewide Planning Goals (Maps and Exhibits for Comprehensive Plan and Development and Zoning Ordinances, Goal 9 and 10 inventories)
- Long Range Planning (Buildable Lands Analysis, UGB Expansion analysis, park planning) & urban design
- Short Range Planning (land use applications)
- Research (Historical resource trends and forecasting)
- Support for the securing of grants and other funding resources

Key Committees/Consortiums/Forums for Data Coordination

- Regional GIS Partnership (regional and local agencies). Although addressed peripherally as well, there is a specific Land Use subcommittee in the RLID Organizational Concept. This group has, at this time, not been organized or convened.
- Envision Eugene technical review groups
- Housing Policy Board
- Local Planning Commissions
- Local Neighborhood Associations

Key Plans Related to Land Use / Built Environment Data

- Eugene-Springfield Metropolitan Plan
- Eugene-Springfield Metropolitan Area Residential Lands and Housing Study
- Metro Industrial Lands Inventory
- Eugene Commercial Lands Study
- Lane County Rural Comprehensive Plan
- Envision Eugene project (not adopted at this time)
- Springfield 2030 (not adopted at this time)

Key Data Formats

Land Use / Built Environment data is available in numerous formats. A significant number of datasets are available in GIS (spatial) format, which requires special software. Many primary data contacts can provide mapped materials or tabular extracts from GIS datasets (in excel, or other spreadsheet formats). Significant amounts of data also exist within studies and reports, or in the form of printed maps and imagery (including site and aerial photos).

Key Sources

Land Use / Built Environment is collected and maintained at most geographies, but the majority of useful datasets are developed by cities, key among these are the city of Eugene and Springfield, as well as by LCOG. Many agencies collect and monitor resource data for reporting or other purposes. The key data sets listed above can be queried individually as well as against other key data sets to report on general construction trends or to develop important subsets of data, such as development densities, housing/structure mix, floor to area ratio, average house size, year built, and housing costs.

Relationship of Data Lane Livability Consortium Focus Areas

Land Use / Built Environment, although not explicitly outlined as a key focus area of the Lane Livability Consortium, are key contributors to primary focus areas.

Geographic Scope of Data

Data regarding built development and permitting is available within the Metro Plan boundary, by each city or the county. Subsets of this data can also be provided according to smaller boundaries such as by neighborhood through additional queries. Location specific information regarding tax lot data can be extracted.

Data Collection Frequency

• Comprehensive plan designation • Zoning • Plat boundaries • Historical sites • Land use code/structure type • Building permits & land use approvals • Street network • Utilities	These databases are updated internally whenever a change occurs (or shortly thereafter). Public versions of these datasets may only be updated annually.
• Property & improvements assessments	These databases are updated at varying but regular intervals, annually or greater
• Aerial photography • Buildable lands supply • Building footprints/outlines • Impervious surface areas (Eugene only) • Park sites/assets/infrastructure	These databases are updated periodically as needed with no specific schedule for updating

Linkages and Connections with Other Plans and Agencies

Several other plans and agencies utilize Land Use / Built Environment data. Examples include:
- Neighborhood refinement plans
- Eugene-Springfield Housing Consolidated Plan
- Community Climate and Energy Action Plan for Eugene
- Parks, Recreation and Open Space Comprehensive Plan (Eugene)
- Parks and Recreation Comprehensive Plan (Springfield)
- TransPlan
- Utility provider plans

Data Accessibility

Parcel specific information about zoning, use and building permits/land use approvals is available through RLID. The adopted Metro Plan designation diagram (at 11" x 17") is available through RLID, LCOG, the cities and the county. It is not yet available in a parcel specific format in all jurisdictions.

Building permit & land use application data can also be provided in custom reports generated by the cities. Limited access is available on-line for City of Eugene building permits and land use applications through stock, on-line reports.

Most of these data sets are also available in a GIS format. Accessing the data can prove challenging to those who don't own the expensive software to view and manage it. Fees may be required.

Land Use / Built Environment: Key Data Sources Table

Key Data Sources	Data Sets	Contact	Notes
Lane Council of Governments	Comprehensive plan designation, Zoning, City limits & UGB, Aerial photography (image data), Land use code/structure type, building footprints (most cities), facilities, parks, site address Comprehensive plan designation, Zoning	Bill Clingman bclingman@lcog.org 541-682-4548	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	Storm water Infrastructure, Dry wells, Pavement Management, Road Maintenance, Recycling sites, Land fill, BPA Transmission Lines Airports, Archaeological sites, Areas of Interest, Coastal Resource Management, Developed and Committed areas, Districts, Greenway, Historic Overlay, Measure 37 claims, Community Organizations, Zoning, Coastal Overlay, Regional Comprehensive Plan Designation & Zoning, Metro Plan Designation, Metro Goal 5 Area, Fire-wise	Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County Tax Assessor	Property & improvements assessments	Melissa Crane (Lane Co. GIS & Marketing Manager) Melissa.crane@co.lane.or.us 541-682-6950	
City of Eugene Planning and Dev.	Comprehensive plan designation, Zoning, City limits & UGB, Buildable lands supply, Historical sites Buildable lands supply In the future, the city anticipates producing reports monitoring growth and the quantitative and qualitative Envision Eugene strategies and actions Building permits Land use approvals	Doug Terra 541-682-6035 doug.m.terra@ci.eugene.or.us Debbie Wells (building permits) 541-682-6828 debbie.l.wells@ci.eugene.or.us Amy Janisch (land use approvals) 541-682-5699 amy.c.janisch@ci.eugene.or.us	
City of Springfield Dev. & Public Works	Comprehensive plan designation, Zoning, City limits & UGB, Tax lot boundary, Plat boundaries, Buildable lands supply, Historical sites, Building footprints, Impervious surfaces, Utilities Buildable lands supply Building permits & land use approvals	Chris Zeitner at 541-726-3706 or Mike Engelmann at 541-736-1016	
Eugene Water and Electric Board	Utilities (including water and electric lines)	Jeff Schenck (GIS Technical Lead) Jeffrey.Schenck@EWEB.ORG 541-685-7747	Information may be subject to non-disclosure agreements (the City and LCOG are probably already signatories, but likely not the other agencies)
Springfield Utility Board	Utilities (including water and electric lines)	Sanjeev King (Electric Engineering Manager) sanjeevk@subutil.com 541-736-2331	
Emerald People's Utility District	Utilities (including water and electric lines)	DeeAnn Nelson DEEANN@epud.org	
Lane Electric	Utilities	Deanna Caswell (GIS/CAD Technician) Deanna.Caswell@laneelectric.com 541-484-1151	

Data Category Overview: *Population and Demographics*

Introduction to Natural Population and Demographics Data

Demographics commonly include gender, age, ethnicity, language, disabilities, mobility, home ownership and employment status. This information is often used for marketing, targeting public services and to inform planning initiatives. The primary source for this data is the US Census and American Community Survey. The Census Bureau performs an inventory of every household every ten years to collect population information for a specific point in time. This has been required in the United States since 1790 as a means to determine amount of federal funding allocation to states. The American Community survey is an ongoing effort initiated in 2008 to gather demographic information based on sample respondents and statistical analysis. The resulting data from these efforts is primarily available from the federal government. GIS data includes Block, Block Group and Tract area delineations. Tabular data contains the results of the inventories that can be joined to the GIS data.

Key Data Sets/Access

• Aggregate census data and GIS-compatible boundary files for US between 1790 and 2012	/National Historical Geographic Information System
• American Community Survey: social economic, housing, demographic	/US Census Bureau
• Certified population estimates and population factors (age group quarters, etc.)	/Portland State University Population Research Center http://www.pdx.edu/prc/home
• County Coordinated Population Forecast	/Lane County
• Demographics, Lifestyles, Consumer, Business	/ESRI/UO Library
• Census Blocks, Groups, Tracts	US Census Bureau/Oregon Geospatial Enterprises/LCOG

Key Agency/Organizations

• US Census Bureau	• Portland State University
• Oregon office of Economic Forecast	

Primary Data Contacts

• Lane Council of Governments	• US Census Bureau
• City of Eugene Planning & Devel.	• American Fact Finder
• Lane County GIS	• Oregon Geospatial Office

Key Data Uses

- Forecasting social needs
- Public opinion estimation
- Understand population for marketing purposes
- UGB planning

Key Committees/Consortiums/Forums for Data Coordination

- Housing Policy Board

Key Data Formats

Population and Demographic data is available as estimated summary information for US Census blocks and tracts. This data is available under the American Community Survey project at the US Bureau. The one major dataset is available in GIS (spatial) format. Primary data contacts can provide mapped materials or tabular extracts from GIS datasets (in excel, or other spreadsheet formats). Significant amounts of data also exist within studies and reports, or in the form of printed maps and imagery (including site and aerial photos).

Key Sources

Population and Demographic data is authored by the US Census Bureau. Other sources such as LCOG and Oregon Geospatial Enterprises provide the same data transformed into regionally relevant layers.

Relationship of Data Lane Livability Consortium Focus Areas

Population and Demographic data, although not explicitly outlined as a key focus area of the Lane Livability Consortium, are key contributors to primary focus areas.

Geographic Scope of Data

The granular scale of this data, from large area to small area is Tract, Block, Block Group in the United States. A block is a geographic unit where data was collected from all houses rather than a sample of houses. A block group is an aggregation of several block areas with interpolated data. A Tract boundary often coincides with city limits. They are used for looking at county scale analysis.

Data Collection Frequency

The collection of Population and Demographic data is collected comprehensively every ten years. 2010 was the last time this occurred. The American Community Survey is an ongoing sample, initiated in 2008. Statistical data is released from both processes.

Key Plans Related to Demographic & Population Data

- Eugene-Springfield Housing Consolidated Plan
- Eugene-Springfield Fair Housing Plan
- Eugene-Springfield Metropolitan Plan
- Eugene-Springfield Metropolitan Area Residential Lands and Housing Study
- Envision Eugene project (not adopted)
- Springfield 2030 (not adopted)

Data Accessibility

Population and Demographic GIS data are available in GIS format from basically one source: the US Census Bureau. The other agencies listed provide the same data, perhaps refined or targeted to a specific are or purpose.

Population and Demographics: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Contact	Notes
Lane Council of Governments	(1995 – 2010) block groups, blocks, tracts, population points	Bill Clingman bclingman@lcog.org 541-682-4548	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	Coordinated Population Forecast (Coordinated population figures for each city in Lane County)	Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
City of Eugene Public Works			
City of Eugene Planning and Dev.			
City of Springfield Public Works			
Eugene Water and Electric Board			
Springfield Utility Board			
Lane Regional Air Protection Agency			
US Census Bureau	American Community Survey Data National Historical Geographic Information System(NHGIS) People, Jobs, Housing, Economic, Education	http://www.census.gov/acs/www/	
Oregon Geospatial Enterprises	Census Blocks, BlockGroups, Tracts (2010), Census 2000 data	http://www.oregon.gov/DAS/CIO/GEO/Pages/sdlibrary.aspx	

Data Category Overview: *Public Health*

Introduction to Public Health Data

Public Health data includes data related to population heath, including environmental health, vital statistics, chronic and infectious diseases, occupational and injury. It primarily tracks and describes information related to the causes, conditions, and scope of illness and injury locally, regionally, and nationally. The "Key" Datasets outlined below are a reviewed list of datasets viewed as broadly applicable and utilized. The Key Agencies for public health data listed below do not necessarily have all datasets but are a useful starting place for obtaining data.

Key Data Sets/Access

• Vital Statistics (Birth & Death)	/Oregon Health Authority
• Communicable Disease	/Lane County Public Health/OHA
• Occupational Illness & Injury	/Oregon Health Authority/Oregon OSHA
• Injury & Violence (Suicide, Violent Death, Accidents, Trauma)	/Oregon Health Authority
• Health Related Behaviors	/Oregon Health Authority
• Chronic Disease	/Lane County Public Health/OHA
• Drinking Water Quality	/Oregon Health Authority/Oregon DEQ
• Air Quality (Pollution Concentration)	/Lane Regional Air Protection Agency
• Access to Healthy Food	/LCOG (store locations); SNAP retailers
• Body Mass Index (BMI)	/County DMV data
• Census Demographic data	/Age and Median Income – US Census
• Tobacco Retail Outlets	/Lane County
• Alcohol Retail Outlets	/Lane County
• Firearm Sales Outlets	/Lane County

Key Agency/Organizations

- Lane County Public Health
- Lane County Behavioral Health
- Oregon Health Authority
- Oregon Occupational Safety & Health Division
- Oregon Department of Environmental Quality
- Oregon Department of Agriculture
- Lane Regional Air Pollution Authority Centers for Disease Control and Prevention (CDC)
- United Way of Lane County
- Substance Abuse & Mental Health Services Administration (SAMHSA)U.S. Environmental Protection Agency
- U.S. Department of Agriculture – Food Safety and Inspection Service
- U.S. Department of Health & Human Services (Food and Drug Administration, National Institutes of Health, Surgeon General and others)
- Oregon State University – College of Public Health & Human Sciences
- Oregon Health Sciences University
- Portland State University

Primary Data Contacts

- Lane County Health & Human Services
- Oregon Health Authority
- Oregon Department of Agriculture
- Oregon DEQ
- Oregon OSHA
- Lane Regional Air Protection Agency

Secondary Data Contacts

- Centers for Disease Control and Prevention (CDC)
- Substance Abuse & Mental Health Services Administration (SAMHSA)
- Federal EPA
- U.S.D.A. Food Safety and Inspection Service
- U.S. Department of Health & Human Services (Food and Drug Administration, National Institutes of Health, Surgeon General, etc.)
- Oregon State University – College of Public Health & Human Sciences
- Oregon Health Sciences University
- Portland State University

Key Data Uses

- Describe the spatial patterns of health and factors which hinder and promote health at the community level and countywide;
- Monitor and evaluate changes in health and social patterns over time;
- Identify potential inequities in health;
- Assess and model impacts of health policy;
- Target and prioritize limited resources to improve health outcomes and reduce inequities; and
- Guide decision making, planning and policy development to assure healthy, thriving communities.

Key Committees/Consortiums/Forums for Data Coordination

- Public Health Accreditation Board (PHAB)
- Lane County Mental Health Advisory, Local Alcohol and Drug Planning Committee
- Lane County Community Health Council

Key Plans Related to Public Health Data

- Lane County Community Health Assessment
- Lane County's Healthy Future: A Plan for Empowering Communities (also considered Lane County's "Community Health Improvement Plan"). This plan builds on the Assessment.
- Oregon's Healthy Future: A Plan for Empowering Communities (State "Health Improvement Plan")
- Lane County Public Health Authority Comprehensive Plan
- Healthy People 2020
- National Prevention Strategy: America's Plan for Better Health and Wellness
- HHS Action Plan to Reduce Racial and Ethnic Health Disparities
- National Stakeholder Strategy for Achieving Health Equity
- Ending the Tobacco Epidemic: A Tobacco Control Strategic Action Plan for the U.S. Department of Health & Human Services
- U.S. National Vaccine Plan

Key Data Formats

Public Health data is available in numerous formats. Some data is available in searchable databases that can be accessed online. Most require that special data request be made. When requests are made, most data is provided as Excel files, or flat, delimited files. Some data can be made available for statistical packages such as SPSS or SAS. Significant amounts of data also exist within studies and reports, charts, and other forms of aggregated data, some in the form of printed maps. Public Health data is collected and maintained most commonly for analysis at the county level geography. It can sometimes be made available for smaller geographies, but due to the often confidential and sensitive nature of the data sets, most data is not readily available for analysis below the county level.

Key Sources

The majority of useful datasets are developed by federal and state agencies, key among these Oregon Health Authority, the Centers for Disease Control and Prevention, and the Substance Abuse and Mental Health Administration. Lane County Public Health collects some localized data that can be made available in aggregate form. Health related data can also be found in nearly all other major data categories. Key among them are Equity and Empowerment, Natural Resources, and Public Safety.

Geographic Scope of Data

Public Health data is collected and maintained most commonly for analysis at the county level geography. It can sometimes be made available for smaller geographies, but due to the often confidential and sensitive nature of the data sets, most data is not readily available for analysis below the county level. Public Health data tend to be aggregated at high level geographies (State and County).

Data Collection Frequency

The collection of public health data varies widely from real time patient records and case management to surveys and assessments that occur annually or every few years. Some data is captured sporadically and, in some cases, only once.

Linkages and Connections with Other Plans and Agencies

Health related data can also be found in nearly all other major data categories. Key among them are Equity and Empowerment, Natural Resources, and Public Safety.

Data Accessibility

Many data sets can only be accessed in aggregate form. Much of public health data is confidential or sensitive and therefore not available without special data agreements or assistance from the providing agency, including personal health records and birth and death data.

Public Health: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Contact	Notes
Lane County	The WIC Information System Tracker (TWIST); Maternal and Child Health Nursing Database; LC Cares (Electronic Behavioral Health Records); Community Health Center Electronic Medical Records (NextGen); ServicePoint (Human Services Provider Tracking System); Tobacco Quitline Utilization; Communicable Disease Surveillance Data; restaurant, hotel, pool/spa, childcare Environmental Health Inspections Data;	Brian K. Johnson Brian.K.Johnson@co.lane.or..us 541.682.4008	Access to some data may have confidentiality-based limitations.
Oregon Health Authority	Adolescent Suicide Attempt Data System (ASADS); ALERT Immunization Information System; Behavioral Risk Factor Surveillance System (BRFSS); Oregon Healthy Teens Survey (OHT); Youth Risk Behavior Survey; Student Wellness Survey; Drinking Water Data; Hazardous Substances Incidence Surveillance; Oregon State Cancer Registry; Pregnancy Risk Assessment and Monitory System (PRAMS); Oregon Trauma Registry; Vital Statistics (Births & Deaths); Oregon Violent Death Reporting System; Acute & Communicable Disease Surveillance Data; The WIC Information System Tracker (TWIST); Emergency Room Surveillance System (ESSENCE); Oregon Hospital Discharge Index;	http://public.health.oregon.gov/DataStatistics/Pages/index.aspx	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Centers for Disease Control and Prevention – National Center for Health Statistics	National Health and Nutrition Examination Surveys (NHANES); National Health Care Surveys; National Health Interview Survey (NHIS); National Immunization Survey (NIS); National Survey of Family Growth; National Vital Statistics System (NVSS); Longitudinal Studies of Aging (LSOA); State and Local Area Integrated Telephone Survey (SLAITS); FoodNet	http://www.cdc.gov/nchs/	
U.S. Department of Health & Human Services	HRSA Data Warehouse; Medical Expenditure Panel Survey; Healthcare cost and utilization; National Survey on Drug Use and Health (NSDUH); Drug Abuse Warning Network (DAWN); Behavioral Health Services Information System (BHSIS); Treatment Episode Data Set (TEDS);	http://datawarehouse.hrsa.gov/ http://www.samhsa.gov/data/	
Oregon Occupational Safety and Health Division	Occupational Fatality and Accident Investigation; Occupational Illness and Injury	http://www.cbs.state.or.us/osha/standards/statistics.html	
Oregon Department of Environmental Quality	Air Quality Index; Enforcement Actions; Environmental Cleanup Site Information; Leaking Underground Storage Tank Cleanup sites; Pacific Northwest Water Quality Data Exchange; Wastewater Systems;	http://www.deq.state.or.us/news/databases.htm	
U.S. Environmental Protection Agency	Air quality; Chemical Safety and Pollution Prevention; Solid Waste; Water Quality	http://www.epa.gov/epahome/data.html	
U.S. Department of Agriculture – Food Safety and Inspection Service	Food Safety and Inspection Service (FSIS): Inspections and Enforcement Activity, Foodborne Illness Attribution	http://www.fsis.usda.gov/wps/portal/fsis/topics/data-collection-and-reports	

Data Category Overview: *Public Safety*

Introduction to Public Safety Data

Public Safety Data Category is characterized by boundaries, facility location, incident data and crime statistics. Most boundaries are maintained as GIS layer representations of district legal descriptions although not all (for example, PSAP boundaries). Facility locations are a subset of address points or of larger multipurpose groups of facility locations. Incident response data is collected by several overlapping agencies and distributed as statistics. The major groupings of public safety data are Law Enforcement, Fire/Emergency Response, Disaster Preparedness and 9-1-1 system. Agencies responsible for public safety include the following:

Law Enforcement:
- City, tribal and state police departments
- County sheriff
- Campus public safety offices

Fire/Emergency Response:
- Municipal fire and emergency medical services
- Rural fire districts
- Ambulance service districts
- State-established fire protection district fire patrols

Disaster Preparedness:
- Municipal, county and state emergency management departments

Higher education institutions, police, sheriff and Oregon State Police record incident responses and distribute statistical qualitative data.

Utilities and public works departments are often integral to emergency response, maintaining their own dispatchers and relevant data.

Some smaller communities contract with larger and/or neighboring agencies to provide public safety services. For example the City of Westfir contracts with the City of Oakridge for law enforcement and fire/EMS services, and the City of Creswell contracts with the Lane County Sheriff for law enforcement. Some public safety services, such as rural fire protection, are funded by property tax paid by land owners within the district. For this reason Assessment & Taxation is a valuable source of boundary descriptions and district revenue information.

Key Data Sets/Access

• Crime Incident Statistics	/Local Police/Sheriff, State websites
• Request Logs	/Local Police/Sheriff, State websites
• District Boundaries	/LCOG Districts/LaneCounty A&T Taxcode
• Facility Locations	/LCOG/Lane County/Cities
• Hazards	/Oregon Explorer/other local GIS Data
• Fire Incident Information	/Northwest Interagency Coordination Center
• University/College Incident Logs	/University/College web sites

• Emergency Evacuation Routes/Emergency Priority Streets	/Lane County Emergency Management/City of Eugene PW
• Transportation Hazards	/Oregon TripCheck/KeepUsMoving.info
• Sex Offenders	/Oregon Sex offender Inquiry system

Key Agency/Organizations

- City of Coburg Police Dept
- City of Cottage Grove City Police Dept
- City of Eugene Police Dept
- City of Florence City Police Dept
- City of Junction City Police Dept
- City of Oakridge City Police Dept
- City of Springfield Police Dept
- Lane County Sheriff's Office
- Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians Police Dept
- Oregon State Police
- University of Oregon Police Department
- Lane Community College Public Safety Department
- Central Lane Communications Center Public Safety Answering Point (PSAP)
- South Lane PSAP
- West Lane PSAP

- Eugene Springfield Fire
- Western Lane Ambulance
- County rural fire districts
- Lane County Fire Defense Board
- State Fire Marshal
- West Lane Emergency Operations Group
- City of Eugene Emergency Mgmt
- City of Springfield Emergency Mgmt
- University of Oregon Department of Emergency Management and & Continuity Program
- Lane County Emergency Mgmt
- Oregon Office of Emergency Management
- Oregon Partnership for Disaster Resilence
- Oregon Department of Forestry
- Oregon Department of Transportation
- Oregon Department of Public Safety Standards and Training
- Federal Emergency Management Act (FEMA)
- U.S. Army Corps of Engineers
- National Weather Service (NOAA)
- National Flood Insurance Program

Key Data Uses

- Emergency/Disaster Management
- Fire/Rescue and EMS
- Homeland/National Security
- Law Enforcement

Key Committees/Consortiums/Forums for Data Coordination

- LCOG Public Safety Coordinating Council
- Lane County Hazard Mitigation Steering Committee
- Central Lane Communications Center, West Lane and South Lane PSAP User Boards
- Lane Preparedness Coalition
- Lane Emergency Planning Committee
- Community Emergency Notification Systems Partners

Key Plans Related to Public Safety

- Oregon Department of Public Safety Standards and Training Strategic Plan
- Lane County Emergency Management Publications
- Lane County Regional Communications Interoperability Plan
- Eugene/Springfield Natural Hazards Mitigation Plan
- Pre-plans developed for Community Emergency Notification (for example, Tsunami inundation zone and urban-wildland interface mapping)

Key Data Formats

Maps, statistics, reports

Key Sources

- Criminal Justice System Report Card Data Book, http://www.lcog.org/documents/pscc/2011_DataBook.pdf
- Criminal Justice System Report Card, http://www.lcog.org/documents/pscc/ReportCards2011.pdf
- Public Safety answering Point Boundaries State GIS site
- Static Crime Maps from Springfield Police
- http://www.lanecounty.org/Departments/Sheriff/Office/Emermgmt/Pages/default.aspx
- Eugene Emergency Management: http://www.eugene-or.gov/index.aspx?nid=255
- Eugene Police: http://www.eugene-or.gov/index.aspx?NID=162
- Central Lane Communications Center: http://www.eugene-or.gov/index.aspx?NID=993
- Springfield Police Department: http://www.springfield-or.gov/dept_pol.htm
- Springfield Emergency Management: http://www.ci.springfield.or.us/dpw/EmergencyManagement.htm
- Eugene-Springfield graffiti reporting database (http://graffiti.lcogweb.org)
- Oregon Emergency Management: http://www.oregon.gov/OMD/OEM/Pages/index.aspx
- National Fire Protection Association: http://www.nfpa.org/
- Oregon Water/Wastewater Agency Response Network: http://www.orwarn.org/

Relationship of Data Lane Livability Consortium Focus Areas

Public Safety, although not explicitly outlined as a key focus area of the Lane Livability Consortium, are key contributors to primary focus areas.

Geographic Scope of Data

The geographic scale of public safety data comes from an array of sources and formats. There appears to be little overlap of jurisdictional boundaries. Additionally, the agencies appear to handle their data separate from each other, making it difficult to do cross agency analysis.

Data Collection Frequency

Public Safety data, and in particular, those data that support emergency response are very high priority within any community and often regulated by state statute and administrative rules. Advances in communications and computing technology have, and will continue to have, immense impacts on the data necessary to undertake very diverse public safety operations.

Data Accessibility

Since most public safety data are not routinely stored and made available in GIS format, accessing the data can prove challenging to assemble. Future public safety operations will include GIS data as the underpinnings of call taking and dispatching for 9-1-1 centers as well as first responders in the field.

Public Safety: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Contact	Notes
Lane Council of Governments	GIS: Fire Districts, Ambulance Service Areas, Fire Protection Area. Airport Hazard Area, City Limits, Address, Flood Hazard, Seismic, Tsunami line, EMS Boat Launch, ESEB Hydrants, gasline, BPA_Trans Lines, PSAP Grid, Occupy EMS calls, Police Beats, Road barriers, Snow Routes, Water Source, White Hydrants MAPS: …	Bill Clingman bclingman@lcog.org 541-682-4548	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	Ambulance, Campgrounds, Child Care, Correctional Facilities, Dams, elderly/Disabled Care, Fairgrounds, Hazardous Substances, Medical Facilities, Police Stations, Public Schools, Railroad Bridges & Tunnels, Red Cross Shelters, Residential Treatment Centers, Towers, Other Facilities Ambulance Service Districts, BLM Districts, City Limits, Commissioner Districts, DEQ Regions, Fire Districts, HazMat Team Boundaries, ODFW Boundaries, ODOT Highway Districts, PSAP Boundaries, Tsunami Line, USCG/EPA Jurisdiction Boundary, USFS Boundary, Utility Service Areas, Lane Transit District, ODOT cameras, Bridges, Crashes, Gates, Milepost, Railroad Crossings, Signs, Traffic Signals, Traffic Volume, Guard rails Flood Hazard	Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950 Linda Cook: Lane County emergency Management Linda.cook@co.lane.or.us (541)682-6744	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
City of Eugene Public Works	Water Quality, Slope greater than 10%, Flood water contours, Section and Course, Shelters, Drinking fountains	Mike Miller (GIS Analyst, Supervisor) (541) 682-5248	
City of Eugene Police Dept.	Crime Incident Statistics	http://www.eugene-or.gov/index.aspx?NID=542	
City of Springfield Police Dept.	Crime Incident Statistics	http://www.ci.springfield.or.us/Police/statistics.html	
Oregon Geospatial Data	Emergency Operation Centers, Fire Stations, Hospitals, Public Health Departments, Law Enforcement, Public Safety Answering Point Boundaries, Communities at risk data(2005)	http://www.oregon.gov/DAS/CIO/GEO/pages/alphalist.aspx	
Springfield Utility Board			
Lane Regional Air Protection Agency	Air Quality	http://lrapa.org/	
Oregon Sex Offender Inquiry System	Map of registered residences	http://sexoffenders.oregon.gov/	
Oregon Department of Transportation		http://Tripcheck.com	
US federal Department of Education		http://ope.ed.gov/security/	

Data Category Overview: *Transportation*

Introduction to Transportation

Transportation analysis involves data which would not generally be considered as exclusively "Transportation" data. For example, property, boundary, land use and zoning information are critical for transportation planning. This summary report focuses on the data which are generally judged to be uniquely "transportation" in nature.

Transportation planning information and data primarily includes data related to facilities (e.g. road centerlines, bus stops and routes, crosswalks, facility speed limits, etc.) and behavior (e.g. mode choice, transit ridership, vehicle miles traveled, traffic counts and accident counts). Transportation data is collected at almost every geography (federal, state, county, city). The majority of useful datasets are developed by federal, state, and local agencies. Federal datasets are collected on a more frequent basis and enable comparisons and analysis of trends. The primary data contacts for transportation data listed within this summary obtain and manage numerous datasets from the state and federal agencies. These primary contacts do not necessarily have <u>all</u> datasets but are a useful starting place for tracking down data.

Additional transportation-related data includes road intersections and road milepoints. These features are also geographic identifiers for other road related data such as crash data, culverts, ditches, guardrails and more. Bridge location data is gathered and maintained by the various public works agencies in Lane County.

Key Data Sets/Access

• Census data –car ownership, journey to work data	/US Census/LCOG
• Transit schedules and routes; stop locations; station locations; fares; group passes issued	/LTD/Point2Point
• Transit service trends; boarding by stop; boarding trends	/LTD
• Travel networks – bike lanes/paths, pedestrian sidewalks, wayfinding signs, auto roads by functional class, lanes, posted speed, freight restrictions.	/City of Eugene/City of Springfield/LCOG
• Counts – vehicle/bike counts over 24 hours, over time.	/LCOG/City of Eugene/City of Springfield?
• Household and person surveys of travel behavior	ODOT/LTD/LCOG/UO/LCC
• Costs for parking, vehicle fuel, other vehicle operation.	/US Census/City of Eugene/City of Springfield/LTD
• Traffic volumes for current and future years (forecast)	/LCOG
• Transportation projects planned and underway – all travel modes, by agency, funding, start-end dates	/LCOG/ODOT/City of Eugene/City of Springfield/Lane County/LTD
• Road Intersections	/Lane County/LCOG
• Mile Points	/Lane County/LCOG
• Bridges	/Lane County/Springfield/Eugene

Key Agency/Organizations

- Central Lane Metropolitan Planning Organization (MPO) (Housed by the Lane Council of Governments)
- Lane Transit District
- Lane County
- City of Eugene Public Works
- City of Springfield Public Works
- City of Coburg
- Eugene Airport
- Lane Regional Air Pollution Authority
- Oregon Department of Transportation
- Oregon Department of Land Conservation and Development
- Federal Highway Administration
- Federal Transit Agency
- US Department of Transportation

Key Committees or Groups

- Eugene City Council
- Springfield City Council
- Lane County Commission
- LTD Board
- Metropolitan Policy Committee (MPC), (est. local transportation priorities)
- Oregon Transportation Commission (est. state transportation priorities)
- MPO Citizen Advisory Committee
- MPO Transportation Planning Committee
- Lane Area Commission on Transportation (ACT)
- City of Eugene Planning Commission
- City of Springfield Planning Commission
- City of Eugene Bicycle Pedestrian Advisory Committee
- City of Springfield Bicycle Pedestrian Advisory Committee
- keepusmoving.info
- University of Oregon

Primary Data Contacts

- Central Lane Metropolitan Planning Organization (MPO) (Housed by the Lane Council of Governments)
- Lane Transit District
- Lane County
- City of Springfield Public Works
- City of Eugene Public Works
- Oregon Department of Transportation

Secondary Data Contacts

- City of Coburg
- Point2Point
- Eugene Airport
- Lane Regional Air Pollution Authority
- Federal Highway Administration
- Federal Transit Agency
- US Department of Transportation
- Oregon Department of Land Conservation and Development

Key Data Uses

- Transportation data applications vary widely
- Transportation data supports the planning work of regional transportation planning agencies including the Central Lane MPO, which serves as a forum for cooperative transportation decision making for the Eugene-Springfield metropolitan area (including Coburg). Data supports the MPO 's key mission of:

  - Establishing fair and impartial decision making
  - Evaluate transportation alternatives
  - Maintaining a 20-year plan
  - Prioritizing projects
  - Involving the public.

- Transportation data is used to support the day to day operations of planning and public works divisions in the region, including service delivery analysis for LTD and ongoing maintenance and traffic safety efforts for all the jurisdictions.

Key Plans Related to Transportation Data

- TransPlan (2002)
- Central Lane MPO Regional Transportation Plan (2007)
- MPO Public Involvement Plan
- MPO Unified Planning Work Program (UPWP)
- MPO Metropolitan Transportation Improvement Program (MTIP)
- Lane County Transportation System Plan (2004)
- City of Coburg Transportation System Plan (adopted 2013)
- City of Eugene Transportation System Plan

- City of Springfield Transportation System Plan
- Eugene Bicycle & Pedestrian Master Plan
- Springfield Bicycle Plan
- Oregon Highway Plan
- Oregon Transportation Plan
- Lane Coordinated Public Transit Human Services Transportation Plan
- Regional Transportation Options Plan (not yet completed)
- Lane Transit District's Long-Range Transit Plan (to be adopted Spring 2014)

Key Data Formats

Transportation data is found in numerous formats. A significant number of datasets are available in GIS (spatial) format, which may require special software and/or licenses. Many primary data contacts can provide mapped materials or tabular extracts from GIS datasets (in excel, or other spreadsheet formats). Significant amounts of data also exist within studies and reports, or in the form of printed maps.

Key Sources

Transportation data is collected and maintained at most geographies, but the majority of useful datasets are developed and maintained by local and state agencies. Many agencies collect and monitor data for reporting, analysis, and planning purposes. Key among these sources are LCOG, LTD, City of Eugene, City of Springfield, and ODOT.

Geographic Scope of Data

The geographic scale of transportation data cannot be typified. It varies widely from federal datasets to site specific information.

Data Collection Frequency

The collection of transportation data cannot be generalized. It varies widely from real time monitoring to inventories which occur sporadically.

Linkages and Connections with Other Plans and Agencies

- Eugene-Springfield Metropolitan Plan
- Envision Eugene
- Springfield 2030
- Scenario Planning Project

Data Accessibility

Since a lot of transportation data are available in GIS format, accessing the data can prove challenging to those who don't own the relatively expensive software. Additionally, analytically skilled staff are necessary to pull together the data needed to fully access issues.

Transportation: Key Data Sources Table

Key Data Sources	Quantitative Data Sets	Contact	Notes
Lane Council of Governments (Central Lane MPO)	Census data –car ownership, journey to work data, Travel networks – bike lanes/paths, pedestrian sidewalks, auto roads by functional class, lanes, posted speed, freight restrictions, Counts – vehicle/bike counts over 24 hours, over time, Costs for parking, vehicle fuel, other vehicle operation, Traffic volumes for current and future years (forecast), Household and person surveys of travel behavior, Transportation projects planned and underway – all travel modes, by agency, funding, start-end dates	Susan Payne spayne@lcog.org 541-682-7435	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane County	Road Centerline, Road right-of-way, Road name Annotation, Road Jurisdiction & Maintenance Boundaries, Railroads, Bridges, Crashes, Gates, Intersections, Mileposts, Signs, Traffic Signals, Traffic Counts, Bike Lanes, Driveways, Guardrails, Functional Class, Jurisdiction, Pavement Management, Surrendered Roads, Scenic Byway, Snow Priority, Vegetation Management	Melissa Crane Melissa.Crane@co.lane.or.us (541) 682-6950	Access to some data may have confidentiality-based limitations. Data requests may require cost recovery.
Lane Transit District	Transit schedules and routes; stop locations; station locations; fares; group passes issued		
City of Eugene Public Works			
City of Springfield Public Works			
University of Oregon			

Attachment A
Federal Economic Development Dataset Links

Resources for Economists on the Internet
Lists over 1,000 resources. Sponsored by the American Economic Association.

American Community Survey
Conducted by the U.S. Census Bureau to replace the decennial Census long form. When fully implemented, the ACSwill provide more current demographic, econmic, and housing characteristics for geographic levels comparable to the decennial Census. Tables and maps can be generated from the American Factfinder site http://factfinder.census.gov
Summary and public use microdata products are available, although it will be several years before tract and block group summary statistics are published. Statistics for areas with population over 65K were released in 2006, those with populations over 20K will be released in 2008.

American Factfinder
A gateway or portal to several major US Census products: 1990 and 2000 decennial Census of population and housing; annual population estimates; 1997 and 2002 Economic Census; American Community Survey. Retrieve summary tables and maps for display and download, although American Factfinder features are more robust for recent data products than older ones.

American Time Use Survey
Household survey begun in 2003 on how Americans use of personal, work, and leisure time. Summary tables and microdata can be downloaded. Conducted by Census Bureau on behalf of Bureau of Labor Statistics. Site contains links to similar time use studies conducted in other countries.You can also create custom extracts from the surveys via the ATUS Data Extract Builder (ATUS-X), a joint project of the Maryland and Minnesota population centers:
http://www.atusdata.org

Comtrade
Annual bilateral trade statistics by commodity and partner country. Most coverage back to 1962. Download custom extracts, create graphs. Powerful but not intuitive. Also known as UN Commodity Trade Statistics Database.

Consumer Expenditure Survey *homepage for Consumer Expenditure Survey*
Surveys the buying habits and expenditures of households. Conducted by the Census Bureau on behalf of the Bureau of Labor Statistics. Data are collected by a quarterly interview survey and weekly diary survey (mutually exclusive samples). Many summary tables are produced (by year, limited geographic areas, household characteristics), and you can create custom tables on the site.

Consumer Price Index (CPI)
Compiled by the US Bureau of Labor Statistics. A statistical measure of the average change in prices paid by urban consumers for goods and services, widely used as a meausre of inflation. The core CPI exludes food and energy categories.

County Business Patterns *homepage for County Business Patterns*
Download raw data files back to 1988 from this Census Bureau site. Older data files are available in the Data Archive and from ICPSR. Recent years can be viewed as tables online.

data downloads
Download data and documentation for the basic survey (1998+), March supplement (1998+), and selected supplements from this Census site. Older CPS datasets are available in the Data Archive, from ICPSR, and from NBER.

National Bureau of Economic Research
Downloads for basic monthly files (1976+), most supplements (March back to 1962), some matched research files, and documentation and many input programs (SAS, SPSS, Stata).

Diversitydata.org: Metropolitan Quality of Life Data
Compiles indicators to define quality of life in U.S. metropolitan areas, with a focus on measures affecting diversity, economic opportunity, and social wellbeing, broken down by race/ethnicity. Much summary data are derived from decennial Censuses, but other measures (for example, access to health insurance, characteristics of local school systems, residential sprawl, housing affordability) are derived from other government and private sources. Many variables limited to the largest metro areas, and there is no ability to extract and download tables. Maps feature is limited. Compiled under the aupices of the Harvard School of Public Health.

Economic Report of the President
Links to reports since 1995. Statistical tables contain extensive macroeconomic historical data.

Federal Funds for Research and Development
Support provided by federal agencies fiscal years 1951+ . Summary tables by agency and category of recipient in PDF and Excel formats.

Global Market Information Database
Demographic, econmic, environmental, and marketing data for over 200 countries, some variables at the sub-national level. Detailed income, expenditure, and lifestyle statistics. Annual historical data and forecasts.

Healthcare Cost and Utilization Project (HCUP))
A suite of data products that measures hospital patient care, covering care quality, access, an outcomes, among other public policy topics. State- and national-level databases, compiled by the Agency for Healthcare Research and Quality. Includes H-CPUnet, an online tool designed to generate statistics.

Historical Census Data Browser
Generate tables for states and counties using data from 1790 to 1960. Limited mapping feature. Hosted by the Geospatial and Statistical Data Center, University of Virginia.

Historical statistics of the United States
Vital statistics, economics and employment, government, from the earliest figures available to the present. Select tables for viewing, e-mail, or download in a variety of formats. Some features, such as creation of custom tables and saving data, require individual registration in addition to Cornell authentication.

[Linking Economic Development and Child Care: 50 State Database](#)
Compiles variables from a wide variety of data sources on child care at the state level. Addresses factors affecting availabilty and quality of child care.
[Local Area Unemployment Statistics](#)
Monthly estimates of total employment and unemployment for states, metro- and micropolitan areas, counties, larger cities and towns. Data are frequently subject to revision.
National Longitudinal Surveys
▫[NLS homepage](#)
Sponsored by the US Bureau of Labor Statistics, its intent is to collect data on labor market experiences of individuals over time. However, the NLS datasets are used in a wide variety of research areas: the affects of life events, health status and behaviors, fertility, education, workforce experiences and expectations. Several data extraction and download options for all NLS cohorts (original cohort groups begun in 1968, NLSY79, NLSY79 Children/Young Adults, NLSY97).
▫[NLS Database Investigator](#)
Software required to utilize NLS data if you download the entire dataset for a cohort. Requires Windows OS.
[Occupational Employment Statistics](#)
Links to national, state, and metropolitan area occuptional and wage estimates for recent years. From BLS. Based on a semi-annual survey of nonfarm establishments, and does not include self-employed individuals.
[Panel Study of Income Dynamics](#)
Download the raw data and documentation for all waves or use the Data Center browse and extract function to select variables.
[School District Demographics](#)
Extracts from 1990 and 2000 Census data in school district boundaries. Limited download capabilities.
[Scientists and Engineers Statistical Data System (SESTAT)](#)
Distributes data from the National Survey of College Graduates (NSCG), Survey of Earned Doctorates, and other surveys measuring characteristics of the American technical labor force. From the National Science Foundation.
[Small Area Income and Poverty Estimates](#)
Estimates on number of families and children living in poverty, median household incomes. Most estimates are available for states, counties, and school districts. Produced by the U.S. Census Bureau. Estimates are generally 3 years behind.
[State and Local Area Personal Income](#)
State, county, and MSA personal income, including per capita income back to 1969. Produced by the Bureau of Economic Analysis.
[State Failure: Internal Wars and Failures of Governance](#)
Codes events in countries with populations of over 500,000 since 1955. Includes the following types of events: ethnic war, revolutionary war, adverse regime change, genocide/politicide.
[State Health Facts](#)
State comparisons of health status, poverty, insurance coverage, topics in minority and women's health, HIV/AIDS, care costs, and Medicare/Medicade issues. Most data for the current year only. Most series can be downloaded as delimited ascii files.
[State of the Cities Data Systems](#)
Compiles information on popualtion, housing, crime, housing, employment, economic activity for metro areas, central cities, and their suburbs. Most statistics from 1990+, Census tables back to 1970.
[Survey of Consumer Finances](#)
Conducted every three years for the Federal Reserve Board . Measures wealth and income of American households.
[Survey of Economic Expectations](#)
A national survey on how Americans view their short-term economic future. Conducted in 8 waves from 1994 to 1998. Data can be downloaded (registration required) in Stata and ascii formats. Codebook includes variable-level frequencies.
[Survey of Income and Program Participation (SIPP)](#)
A longitudinal panel study conducted by the U.S. Census Bureau to measure income, participation in government programs. Follows changes in income within a household and events that influence economic participation, access to benefits, and social wellbeing. In addition to a "core" survey of income and labor participation questions , additional topical modules cover a wide range of topics such as child care, retirement savings, and utilization of health care services. SIPP data constitute a rich source but can be complicated to use. The tutorial (linked from the homepage) provides an excellent introduction to the content and structure of the survey.
[Surveys of Consumers](#)
Begun in 1946, the monthly surveys measure sentiment regarding personal financial well being and that of the country. The Surveys are also used to generate the Index of Consumer Expectations. Microdata from the most recent six months are embargoed. A University of Michigan site provides customized subsets and tables using the SDA utility: http://www.sca.isr.umich.edu/sda-public/ (ICPSR houses older years under the series title, Survey of Consumer Attitudes and Behavior.) Conducted by the Survey Research Center, University of Michigan, with support from Reuters http://thomsonreuters.com/products_services/financial/financial_products/a-z/umichigan_surveys_of_consumers/ .
[Union Density Estimates by State, 1964-2005](#)
Annual estimates of public and private sector membership from 1973 to date based on the Current Population Survey. State and national data back to 1963 are based on the CPS and the Directory of National Unions and Employee Associations. Compiled by Barry Hirsch and David Macpherson.
[Union Membership and Coverage Database](#)
Compiled from the Current Population Survey. National, state, and metro area estimates. Updated annually.
USA Counties ▫[homepage for USA Counties](#)
Online access permits viewing one state/county/table at a time and comparison of the data for a table with other counties in a state.

[Wage Determinations OnLine.gov](#)
Current hour wage and fringe benefits rates for federally funded construction projects. Search or browse by state and county.
[Wisconsin Longitudinal Study](#)
A study of over 10,000 Wisconsin residents who graduated from high school in 1957, with two separate surveys of their sibliings and spouses. The newest wave of data was collected in in 2005, released in late 2006. Download complete datasets with programs or create a custom subset; both require user registration.
[World Income Inequality Database](#)
Indicators measuring inequality (including but not limited to Gini coefficients) in over 150 countries, including those with transitional and developing economies.

Data Distributors and Producers: U.S. Government

Department of Agriculture

[Census of Agriculture](#)
The 2002 Census of Agriculture function from this site permits selection and download (as comma-delimited files) of multiple geographies and tables for both 2002 and 1997 surveys. Older years are limited to PDF versions of published tables. The AgCensus site http://agcensus.mannlib.cornell.edu provides tables for 1987, 1992, and 1997 at county, state, and ZIP geographies. Output is limited to one location at a time in html table format.
[Economic Research Service](#)
[National Agriculture Statistics Service](#)
Agricultural statistics at the state, county, ZIP code, and Congressional district levels. Reports, statistical tables, and some mapping features based on recent Census of Agriculture results and other surveys.
[USDA Economics and Statistics System](#)
Data and statisical reports generated from the Agricultural Marketing Service, (AMS) National Agricultural Statistics Service (NASS), World Agricultural Outlook Board, and the Economic Research Service (ERS). Substantial historical coverage of crops, agricultural management, trade and markets, and some environment and land-use topics. E-mail announcement service also available for selected reports.

Department of Commerce

[Bureau of Economic Analysis](#)
This link goes directly to the BEA Catalog of Products, from which you can download many national and regional economic series. Of special interest to researchers, the site archives previously published estimates that underwent subsequent revision. There is also some international data, and the site has limited mapping abilities.
In addition to data downloads, you can use an interactive feature to create tables from selected series, some back to the 1940s. Among these are the national income and products accounts (NIPA) http://www.bea.gov/national/ , regional economic accounts (also known as REIS) http://www.bea.gov/regional/ , and input-output accounts

[Censtats](#)
A gateway to some of the most popular Census products, such as County Business Patterns, tract locator, and USA Counties.
[Office of Travel and Tourism Industries](#)
Data on travel by US nationals and incoming visitors. Some detailed marketing data is sold, but the site also provides very detailed, historical statistics on travel.
[STAT-USA](#)

Department of Education

[National Center for Education Statistics](#)
The site distributes a broad range of published reports and data on all levels of education, including state and local financing and governance, student performance and well-being, as well as trends and projections. Its Data Resource Center permits drill-down to specific tablels and charts produced by NCES. Fast Response Survey System http://nces.ed.gov/surveys/frss/ permits dataset downloads for the most recent and popular public-use files. The NCES site also supplies information about its restricted-use datasets.
[State Education Reforms](#)
Part of the National Center for Education Statistics site but provides data collected outside of NCES. Focuses on student assessment, school finances, school choice (public, charter, private, home schooling), and classroom practices. Most "data tables" go back only a few years.

Department of Labor

[Bureau of Labor Statistics](#)
The ultimate source of US data on employment, prices, working conditions, and productivity. Includes a considerable number of historical time series and a highly selective list of series from other countries. The site's most recent redesign (2008)

incoporates tutorials, data retrieval and mapping tools, and really cool calculators for comparing inflation and occupational injuries. For those who know the data and what they're looking for, see the list at http://www.bls.gov/data/home.htm
Safety and Health Statistics

Department of the Treasury

Internal Revenue Service: Tax Stats

Online Reference Tools

Standard Industry Classifications
Links to classifications systems such as NAICS 1997 and 2002, SIC, ISIC, and their revisions.

EconData.Net
Focus is on links to U.S. regional economic information. Most represent federal statistical agencies but state and local government, as well as university and private sites, are also indexed. Contents are not searchable; use the categories by broad subject areas, provider, or type of product (microdata, compendia, and so forth).

Economagic
Good source for locating economic time series, but it helps to know precisely what series you need or who produces it. Most are from U.S statistical agencies and Federal Reserve offices, a few from Asia and Eurean sources. Not fancy but contains some hidden gems such as historical stock data, innumerable interest rate series, and other indicators of national economic activity.

Economic Policy Institute
Focus on economic indicators related to poverty and low-income workers: miniumum wage, family budgets, unemployment insurance, pension income, Datazone contains historical national and state times series related to labor and employment.