

Nationally, Community Colleges
are being asked to:

- Ease transfer from 2 yr to 4 yr schools
- Ensure students complete program and transfer or transition to career
- Reduce barrier to affordability for students
- Meet the needs of 21st century students/employers
- Support military families/veterans and bring these innovations to scale
- Successful community college/industry partnerships

Data source: White House Summit, Oct. 5, 2010

Top 20 High Wage/High Demand Occupations Oregon State

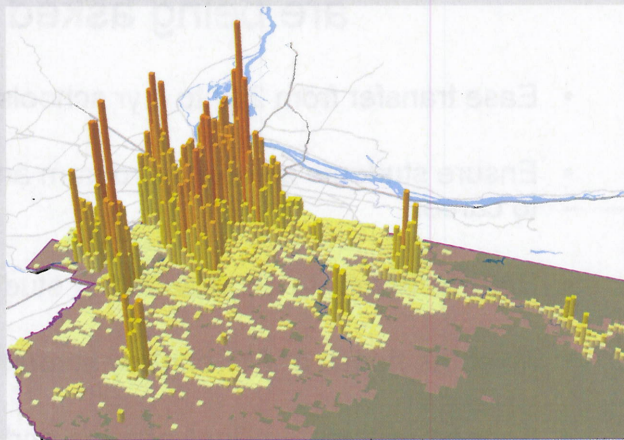
- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Medical/Clinical Lab Techs (technologists/not technicians) 2. Pharmacists 3. Physicians/Surgeons 4. Welders, Cutters, Solderers, & Braziers 5. Dental Hygienists 6. Physical Therapists 7. Surgical Tech's 8. RN's 9. Fire Fighters 10. Bus/Truck Mechanics & Diesel Engine Specialists | <ol style="list-style-type: none"> 11. Medical & Health Services Managers 12. Occupational Therapists 13. General/Operations Manager 14. Managers 15. Supervisors/Managers/Office Admin Support 16. Wholesale & Manufacturing Sales Reps 17. LPN's 18. Substance Abuse Counselors 19. Industrial Production Managers 20. Radiological/CAT/MRI Technologists
Medical & Clinical Lab & Technicians |
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Data source: "Training Oregonians for the Right Jobs", Oregon Employment Dept. Workforce & Economic Research Division, April 2010

Where People Live

- 90% of Clackamas County residents live on 5% of land in the urban area



Total Population per 10-acre grid, 2006

What Defines Key Cluster?

- High Location Quotient
 - Greater presence within Clackamas County relative to the region
 - Concentration of well-established clusters
- Strong Economic Contribution
 - Key clusters account for more than 50% of total county economic output

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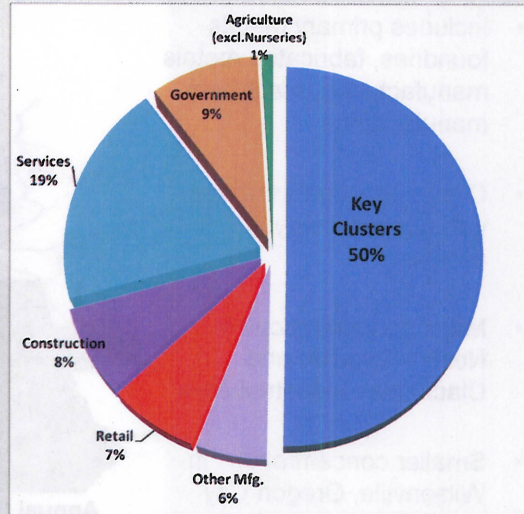
Key Clusters

- Advanced Manufacturing – Metals
- Advanced Technology - High Tech
- Nurseries & Greenhouses
- Professional Business Services
- Transportation & Distribution
- Wholesale Trade
- Wood Product Manufacturing
- Health Care

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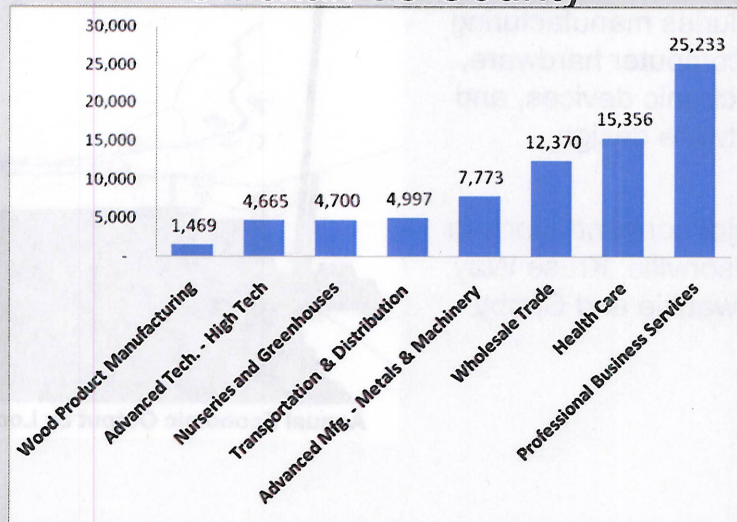
Key Clusters' Economic Contribution

- Key Clusters in Clackamas County
 - Create \$6.2 billion in direct annual GDP
 - Key Clusters contribute 47% of total direct GDP in County, and 50% of direct economic output
 - Employ 36% of the County's workforce
 - Wages higher than average
 - Job growth rate higher than average



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Key Cluster Employment in Clackamas County

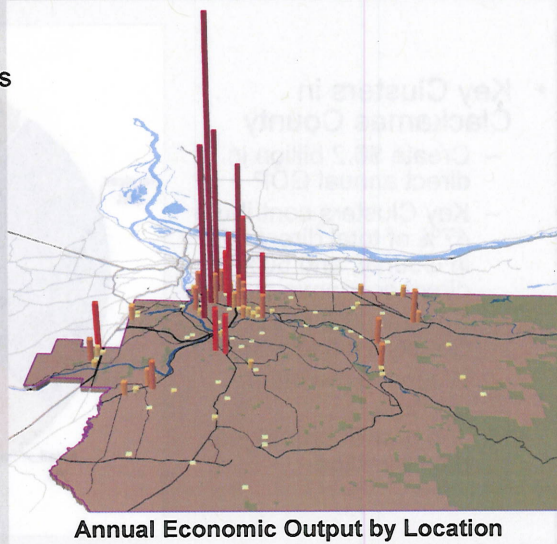


Data source: IMPLAN, 2006.

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Advanced Manufacturing - Metals

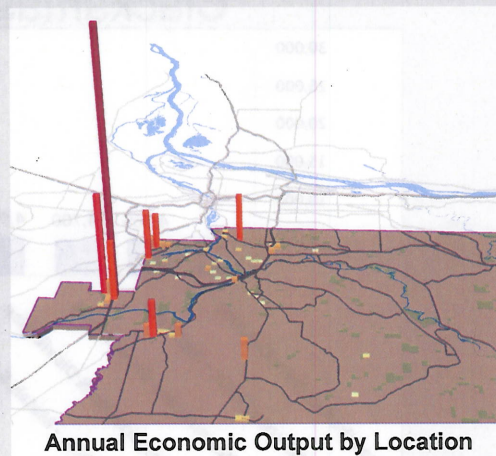
- Includes primary metals foundries, fabricated metals manufacturing, machinery manufacturing
- Cluster in industrial areas with good freeway or rail access
- Major concentrations in North Milwaukie and Clackamas Industrial Area
- Smaller concentrations in Wilsonville, Oregon City and neighboring cities



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Advanced Technology - High Tech

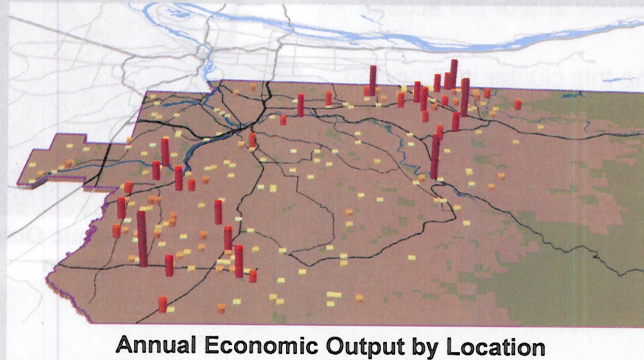
- Includes manufacturing of computer hardware, electronic devices, and software design
- Major concentrations in Wilsonville, Kruse Way, Milwaukie and Canby



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Nurseries and Greenhouses

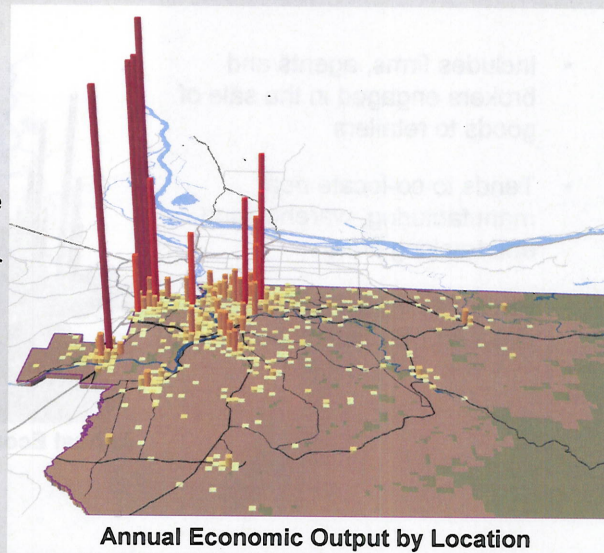
- Includes production of landscaping trees and shrubs, seedlings, herbs, flowers and related products
- Major concentrations in rural areas



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Professional Business Services

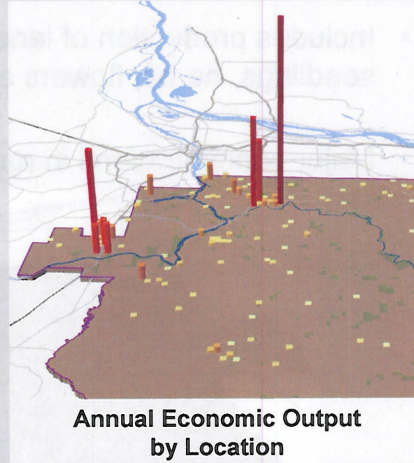
- Includes legal and engineering services, graphic design, advertising, accounting, insurance sales, real estate brokers and computer systems designers
- Prefers class A or B offices settings



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Transportation & Distribution

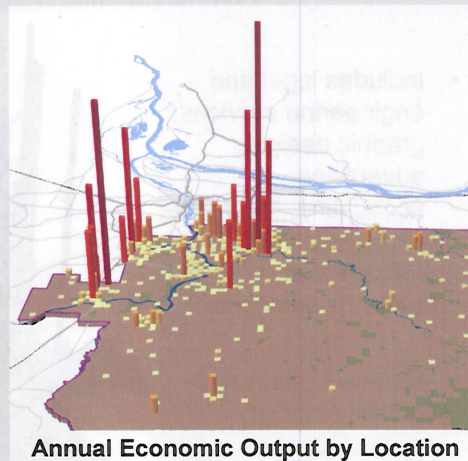
- Includes firms engaged in the distribution and storage of goods (trucking & warehousing)
- Located in industrial areas with good freeway and/or rail access
- Over time this cluster is expected to migrate outward from close in locations due to changes in transportation corridors, economies of scale and freight logistics



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Wholesale Trade

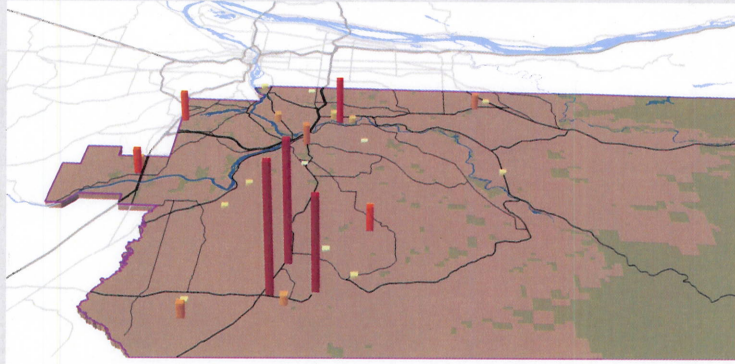
- Includes firms, agents and brokers engaged in the sale of goods to retailers
- Tends to co-locate near manufacturing, warehousing and trucking firms
- Favor flex industrial space or class A or B office space



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Wood Product Manufacturing

- Includes wood product manufacturing, such as trusses, cabinets, and building materials
- Major concentrations in Molalla, and smaller concentrations in the Clackamas Industrial Area, Lake Oswego, Wilsonville and Sandy



Health Care

- Includes hospitals, medical clinics and health care practitioners
- Major concentrations in Oregon City, Clackamas, Milwaukie and Lake Oswego

