Information Technology in Puget Sound Region

Bill McSherry
Economic Development Director
Puget Sound Regional Council

Puget Sound Regional Council

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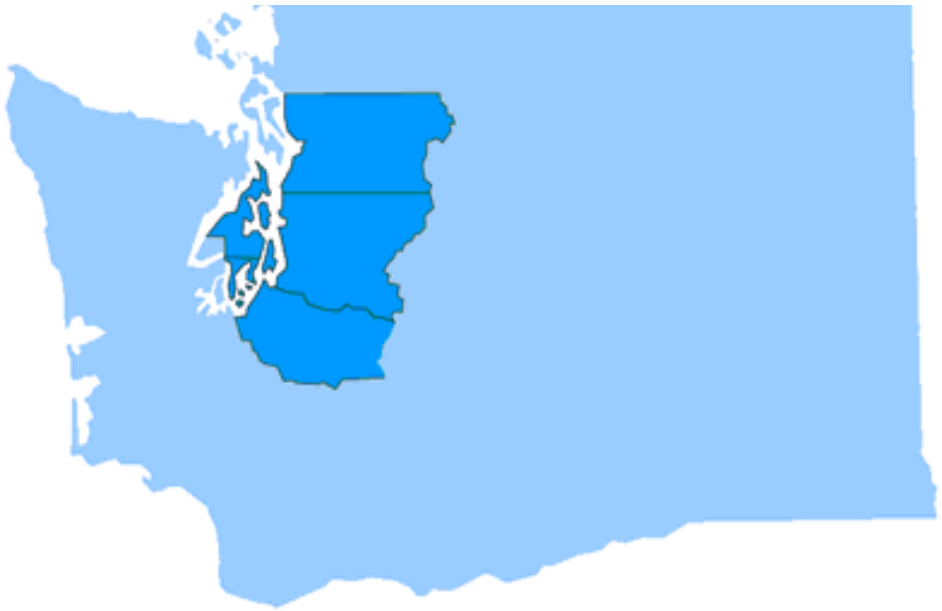
PSRC



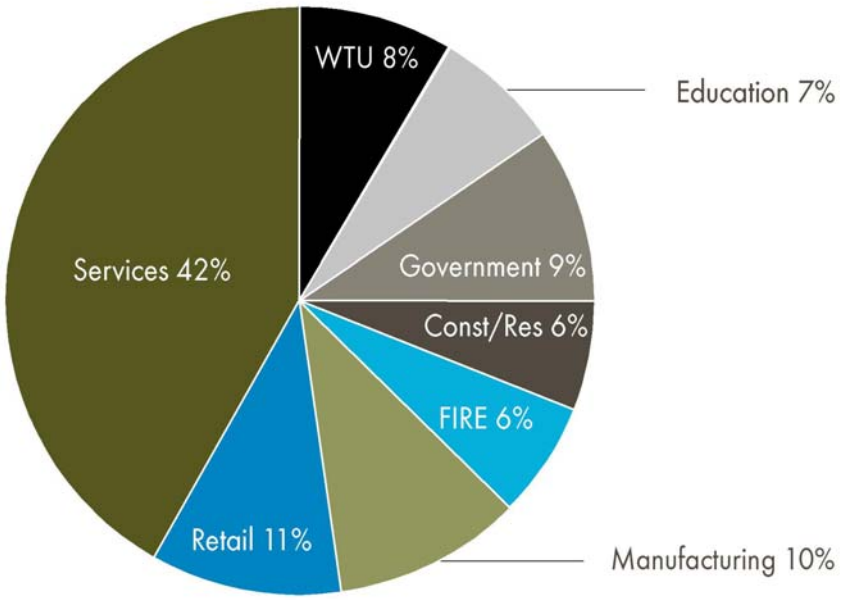
- Regional Growth, Economic and Transportation Planning
- Federal transportation funds to priority projects
- Regional data and forecasts
- Forum for regional issues
- Prosperity Partnership

Federal MPO
Federal EDD

State RTPO

Regional Employment Distribution by Sector (March 2005)

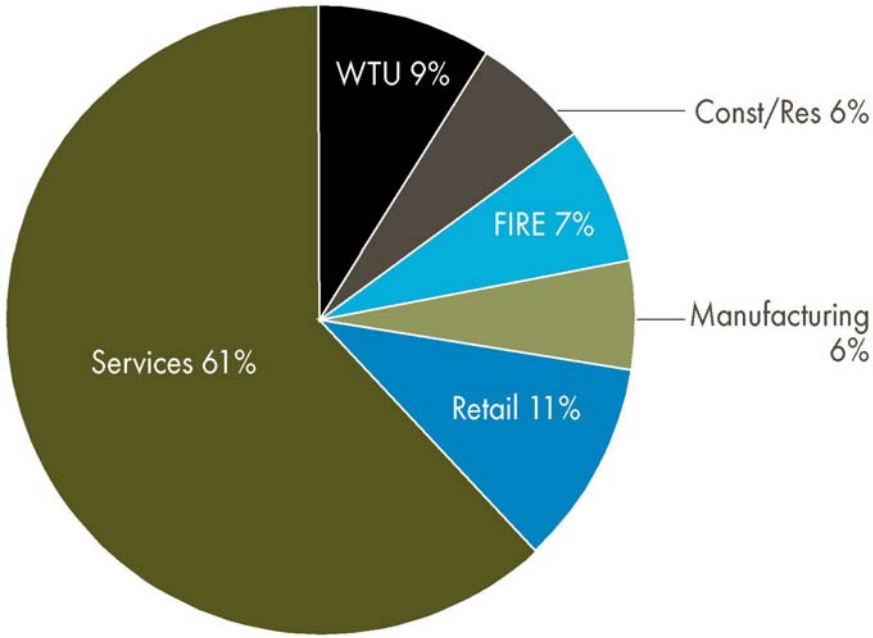
Source: PSRC, ESD



Note: Covered employment only.

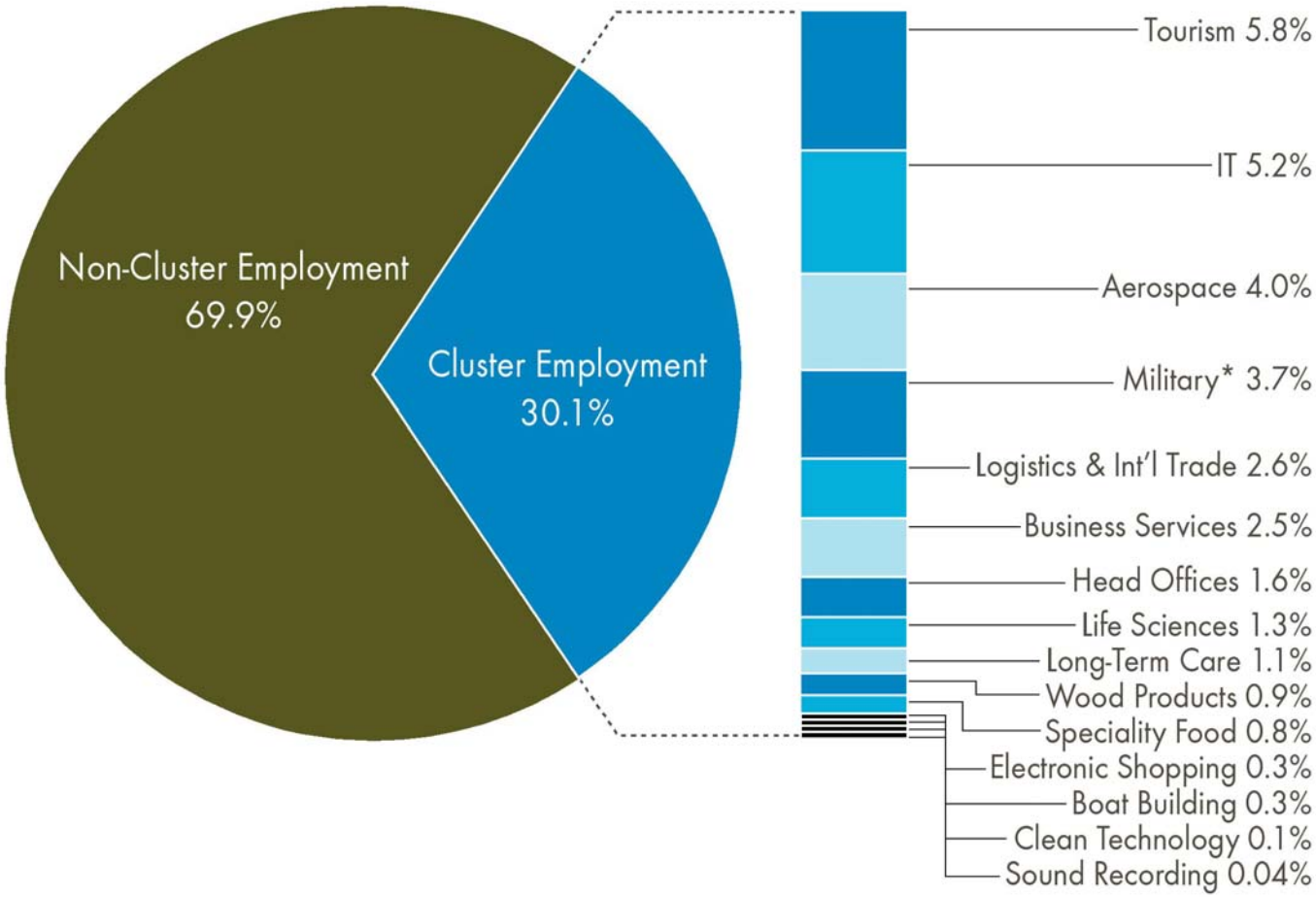
Job Vacancies by Sector

Source: PSRC, ESD



Cluster and Non-Cluster Share of Total Regional Employment (2005)

Source: ESD, DOD, PSRC



Note: Covered employment only. * Military data from DOD. All other cluster data from ESD.

Cluster Employment by County (2005)

Source: ESD, DOD, PSRC

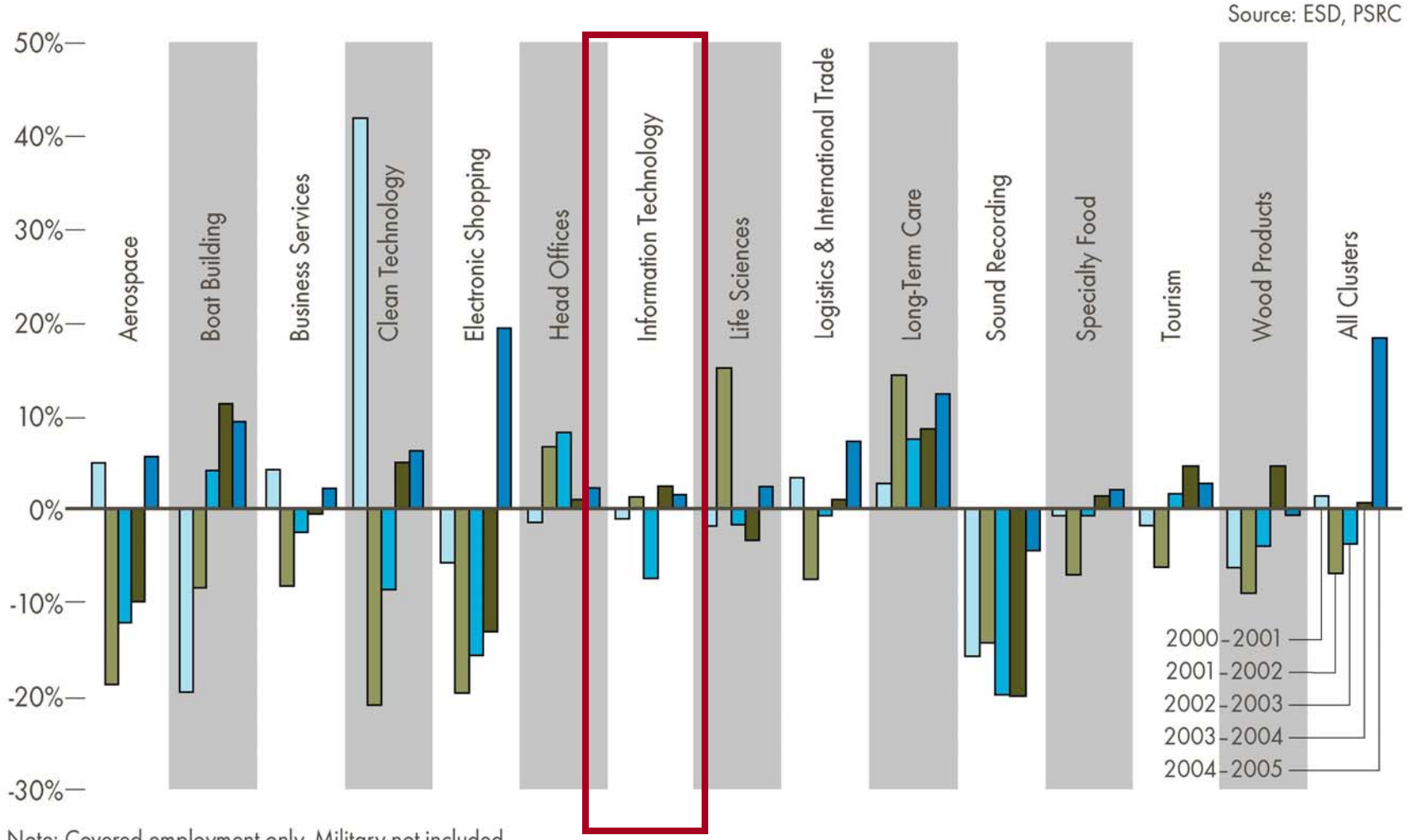
Cluster	King	Kitsap	Pierce	Snohomish	Region
Aerospace	40,500	*	*(See text)	23,500	65,500
Boat Building	2,200	300	400	1,200	4,100
Business Services	29,100	2,500	3,700	5,900	41,200
Clean Technology	1,700	*	*	200	2,300
Electronic Shopping	4,800	*	*	100	5,100
Head Offices	23,100	100	1,300	1,400	26,000
Information Technology	77,900	1,200	2,700	4,200	86,000
Life Sciences	15,000	500	1,100	4,600	21,200
Logistics and International Trade	32,000	300	7,900	1,700	41,900
Long-Term Care	11,500	1,500	2,900	2,400	18,400
Military[1]	1,300	20,500	34,300	4,500	60,500
Sound Recording	500	*	*	100	700
Specialty Food	9,900	100	1,400	1,400	12,900
Tourism	66,600	4,400	13,200	11,200	95,500
Wood Products	5,200	300	4,700	3,900	14,100
Total Cluster Employment[2]	320,000	11,400	41,400	62,000	495,400
County Share of Cluster Employment	64.9%	6.4%	14.9%	13.4%	100.0%

Note: Covered employment only. *Data suppression required.

[1] Military data from DOD. All other cluster data from ESD.

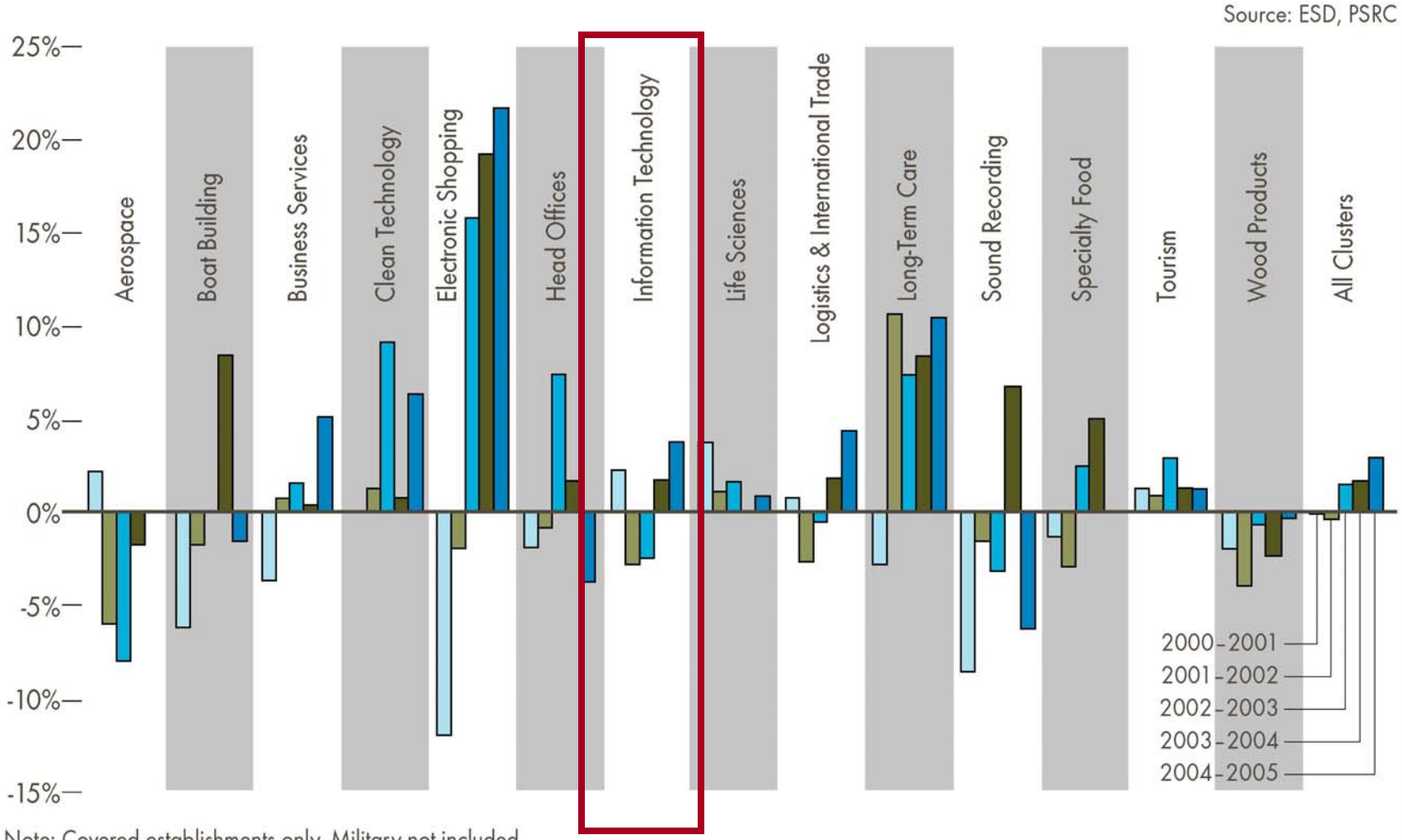
[2] Totals may appear not to sum due to rounding and suppressed data.

Annual Percent Change in Cluster Employment (2000–2005)



Note: Covered employment only. Military not included.

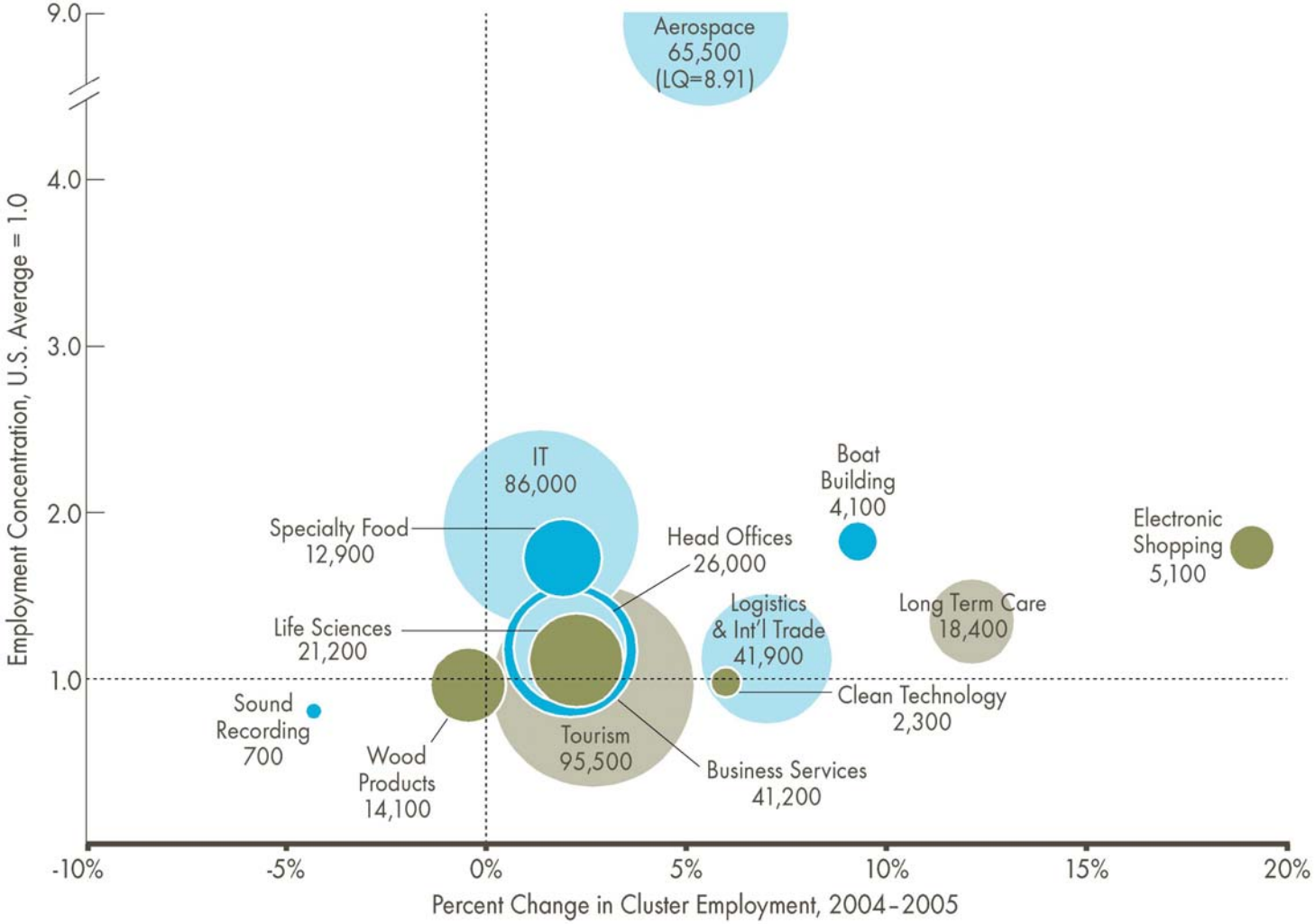
Annual Percent Change in Cluster Business Establishments (2000–2005)



Note: Covered establishments only. Military not included.

Cluster Portfolio by Employment Change, Concentration, and Size (2005)

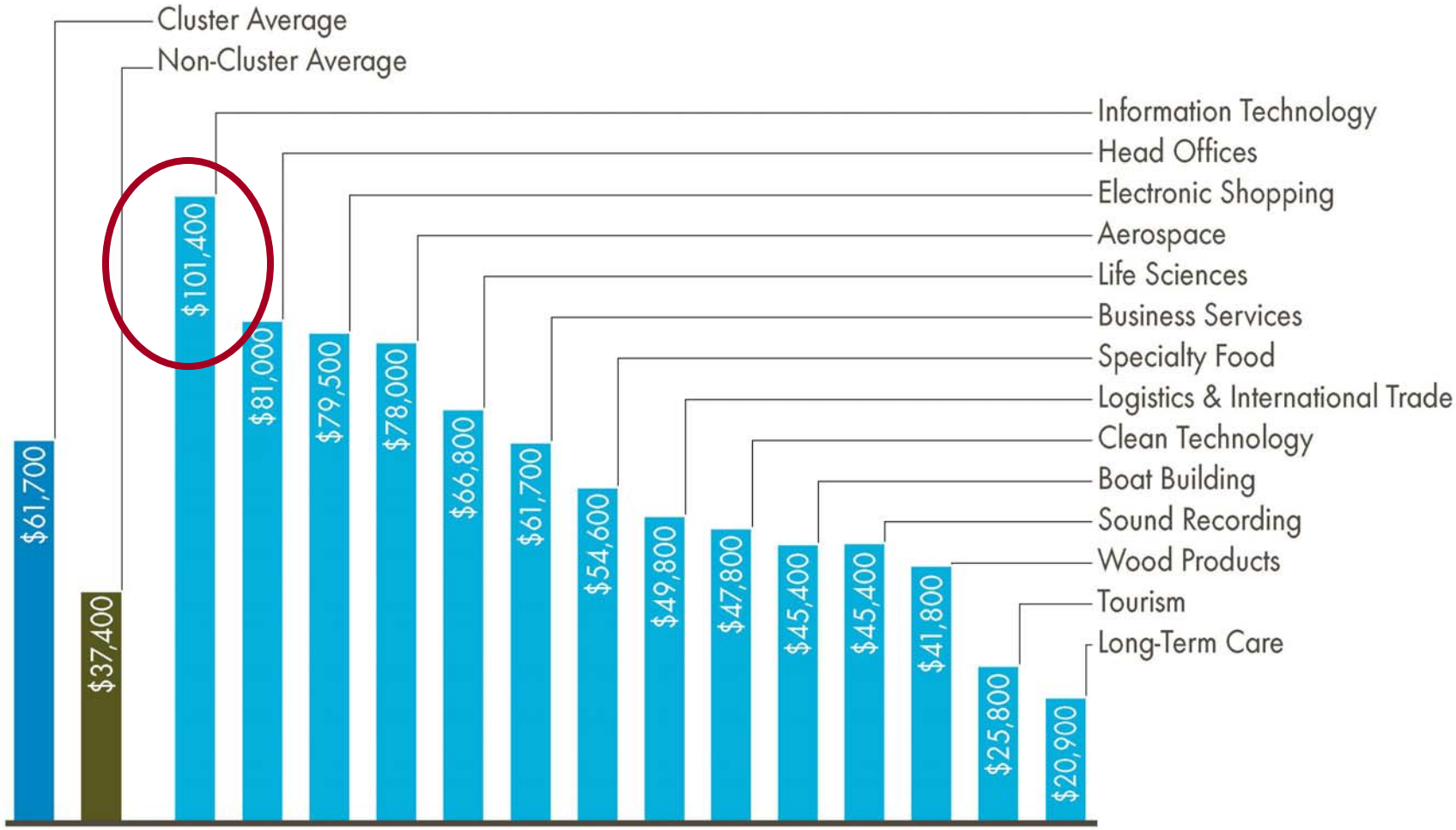
Source: ESD, PSRC



Note: Covered employment only. Military not included.

Average Annual Wages, Cluster and Non-Cluster Jobs (2004)

Source: ESD, PSRC

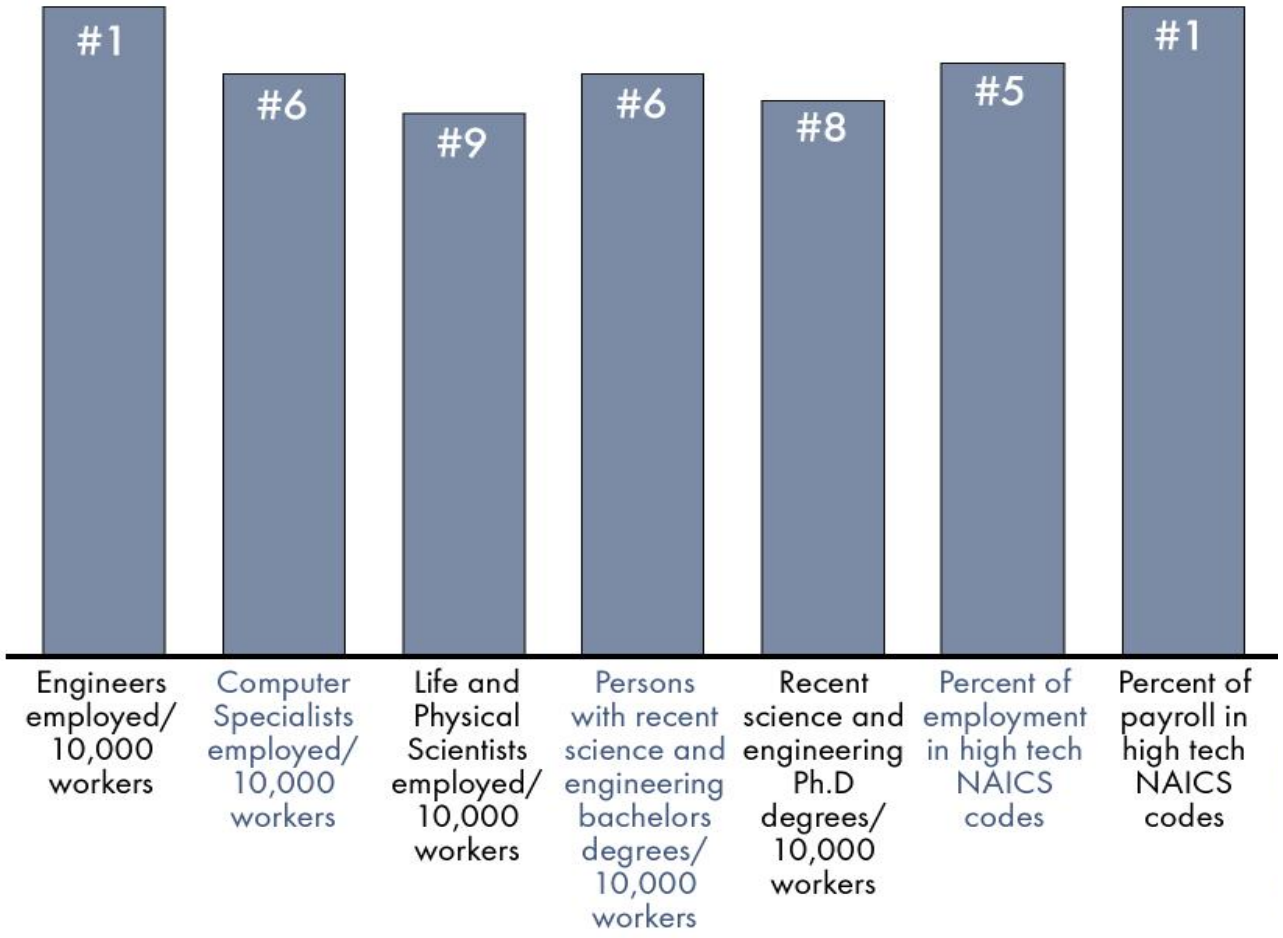


Note: Military not included.

We produce too few degrees

Washington Leads the Nation in Using Bachelor's Degrees,

Source: U.S. Department of Commerce

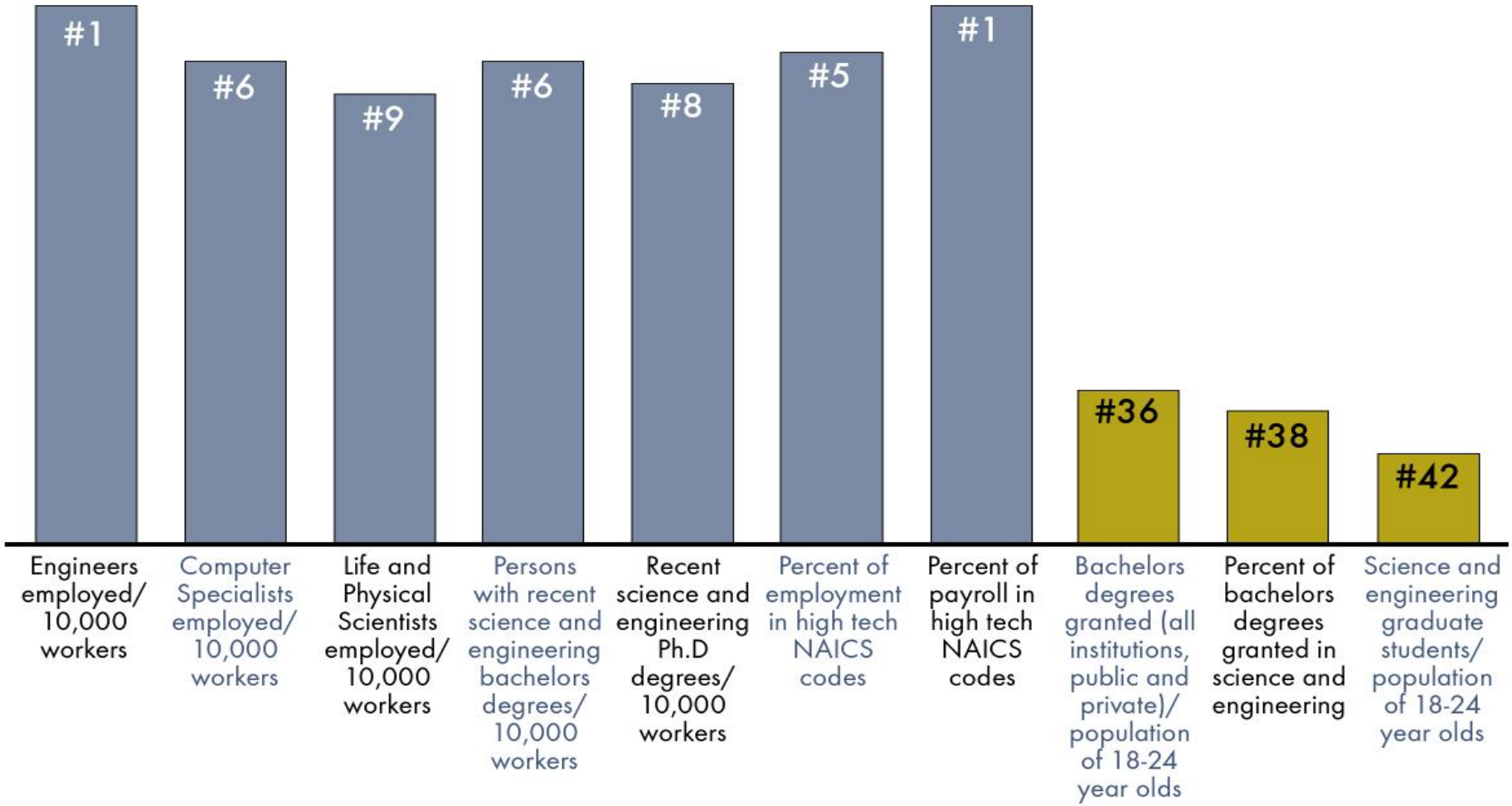


Source: US Department of Commerce 2004 State Science & Technology Indicators

We produce too few degrees

Washington Leads the Nation in Using Bachelor's Degrees, But Is 36th in the Nation in the Production of Bachelor's Degrees

Source: U.S. Department of Commerce



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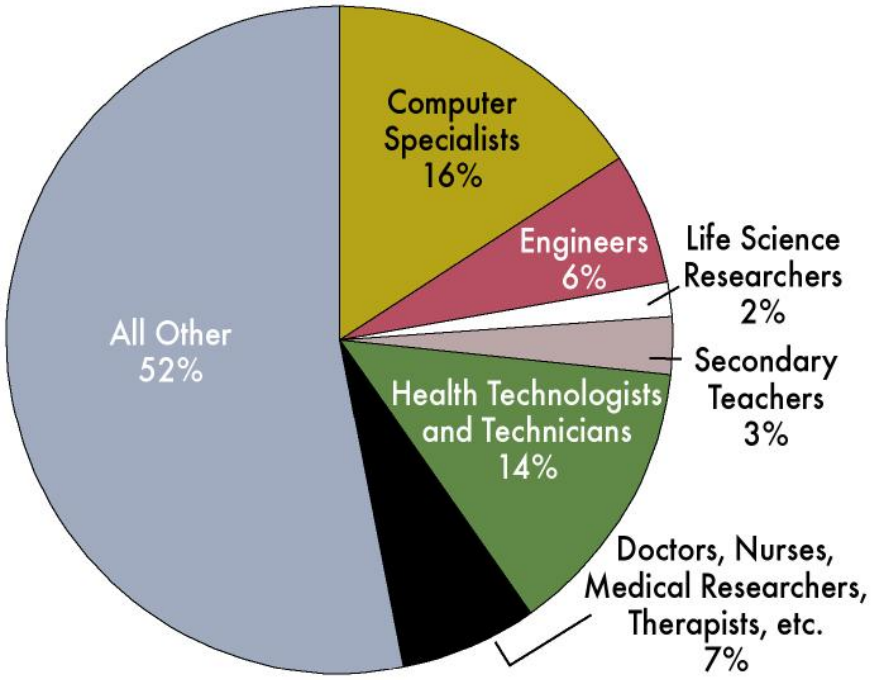
Washington's degree production is not concentrated in high demand fields



Washington Job Openings Requiring Bachelor's Degree, 2007-2012

Source: Employment Security Department

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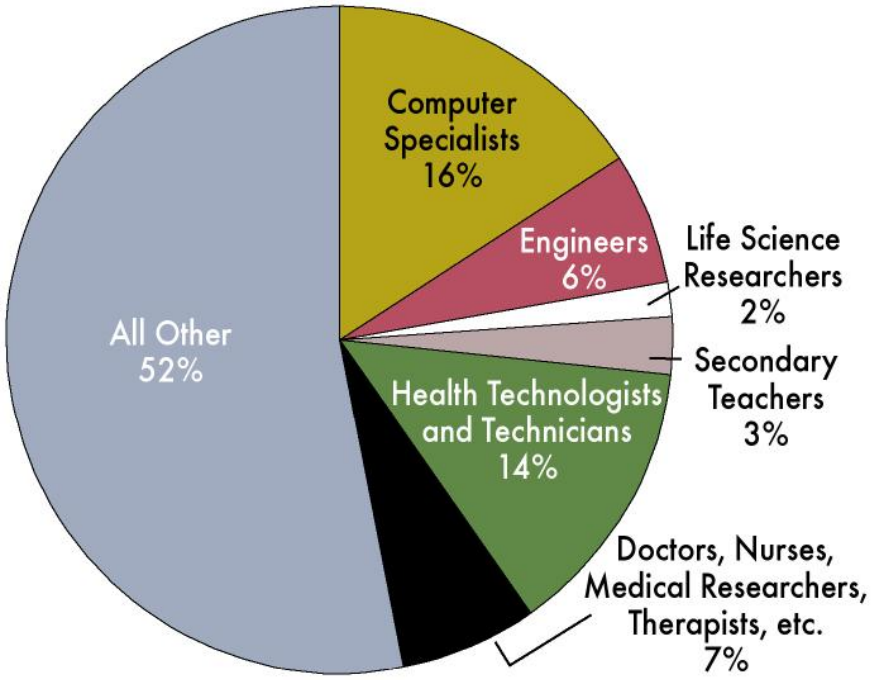

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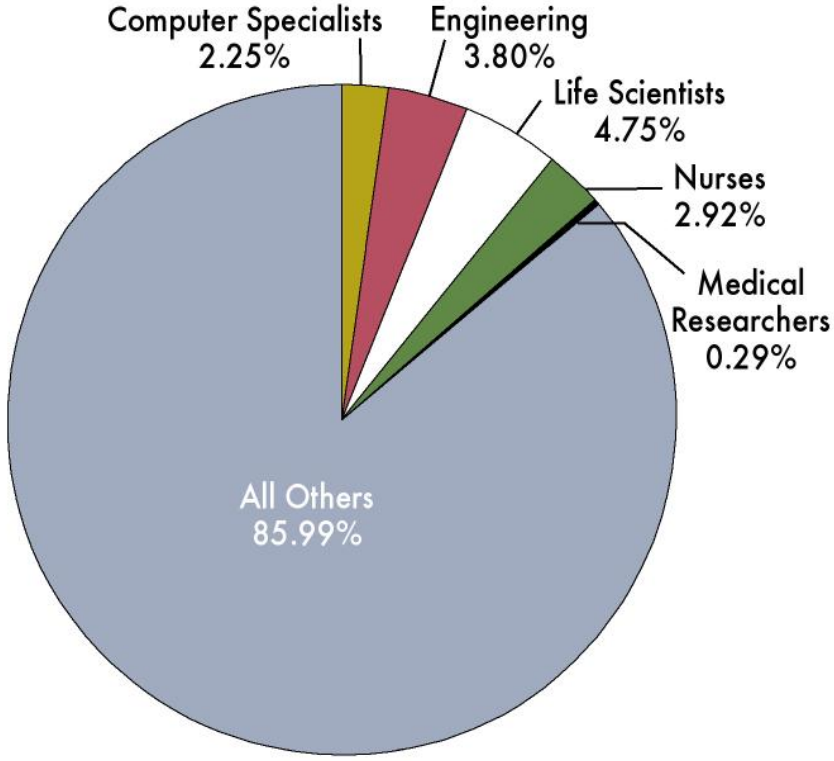


Current Degree Production in Washington's 4-Year System

Source: Integrated Postsecondary Education Data System, Washington Higher Education Coordinating Board

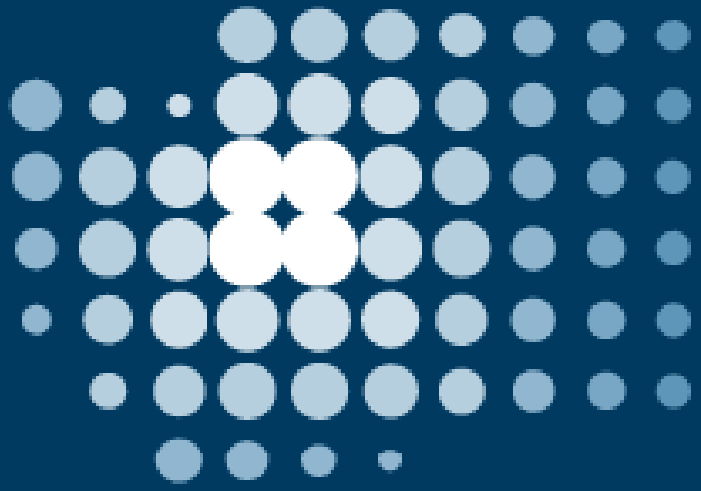
Solution

1. Fund current capacity in high demand, high impact fields.
2. Fund FTEs at actual cost.
3. Study capital needs beyond current capacity.
4. Develop and implement a public awareness pilot project.
5. Provide more financial aid to encourage students to pursue degrees in high demand, high impact fields.
6. Adopt accountability standards and outcomes-based management of higher education.
7. Commit to a percentage of general fund budget for higher education investment.

Next Steps in Higher Education for 2008

- ✓ *Fund current capacity in high demand, high impact fields.*
- ✓ *Fund FTEs at actual cost.*
- ➢ **Study capital needs beyond current capacity.**
- ➢ **Develop and implement a public awareness pilot project.**

5. Provide more financial aid to encourage students to pursue degrees in high demand, high impact fields.
6. Adopt accountability standards and outcomes-based management of higher education.
7. Commit to a percentage of general fund budget for higher education investment.



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