

#1



## Washington is #1 in engineering jobs per capita.

The state of Washington is in an odd position. Our economy makes us a leader in the fast-growing fields of technology and science. But our colleges and universities are not training and graduating nearly enough students to fill those jobs.

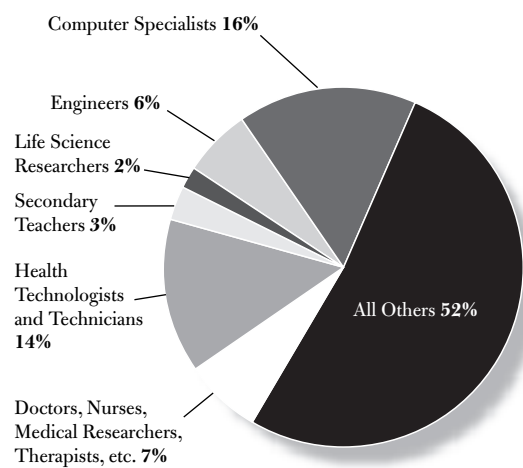
Long story short: We're wasting the brainpower and earning potential of a generation of our own kids!

Take the field of computer specialist for example. The State of Washington estimates that there will be more than 3,900 computer-specialist job openings every year for the next seven years. Yet colleges and universities in Washington annually produce only about 635 graduates in this field! These jobs will be filled by out-of-state graduates.

### It's true across the board!

This shortfall exists in a wide range of high-impact and high-demand fields besides computer specialists: engineering, life sciences, nursing, secondary teaching, and medical research.

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



Source: Employment Security Department

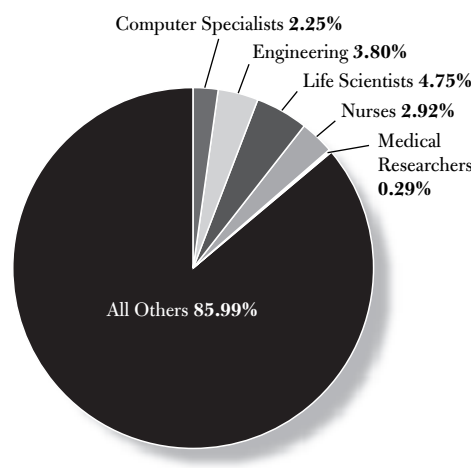
#38



## Washington is #38 in engineering degrees conferred per capita.

Nearly 50% of Washington's job openings that require bachelor's degrees next year will be in these fields. But only about 15% of our students will receive bachelor's degrees in these specialties come next June.

Current Degree Production in Washington's 4-year System



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

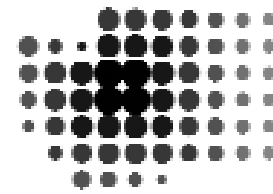
### It's time to take action.

**First:** It's essential to fill existing capacity in high-demand, high-impact fields in our colleges and universities. Space is available. State funding is lacking!

**Second:** Inform our educators, students, and parents of the opportunities in high-demand fields, and increase the emphasis on math and science. Start filling the pipeline!

**Third:** Get going on a building plan to make sure we have room for our growing population.

**And Finally:** Stay committed to providing high-quality degrees. We can't let quality slip while we ramp up quantity!



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