

Computer Science Workforce Trends and Data

Michael Wolf

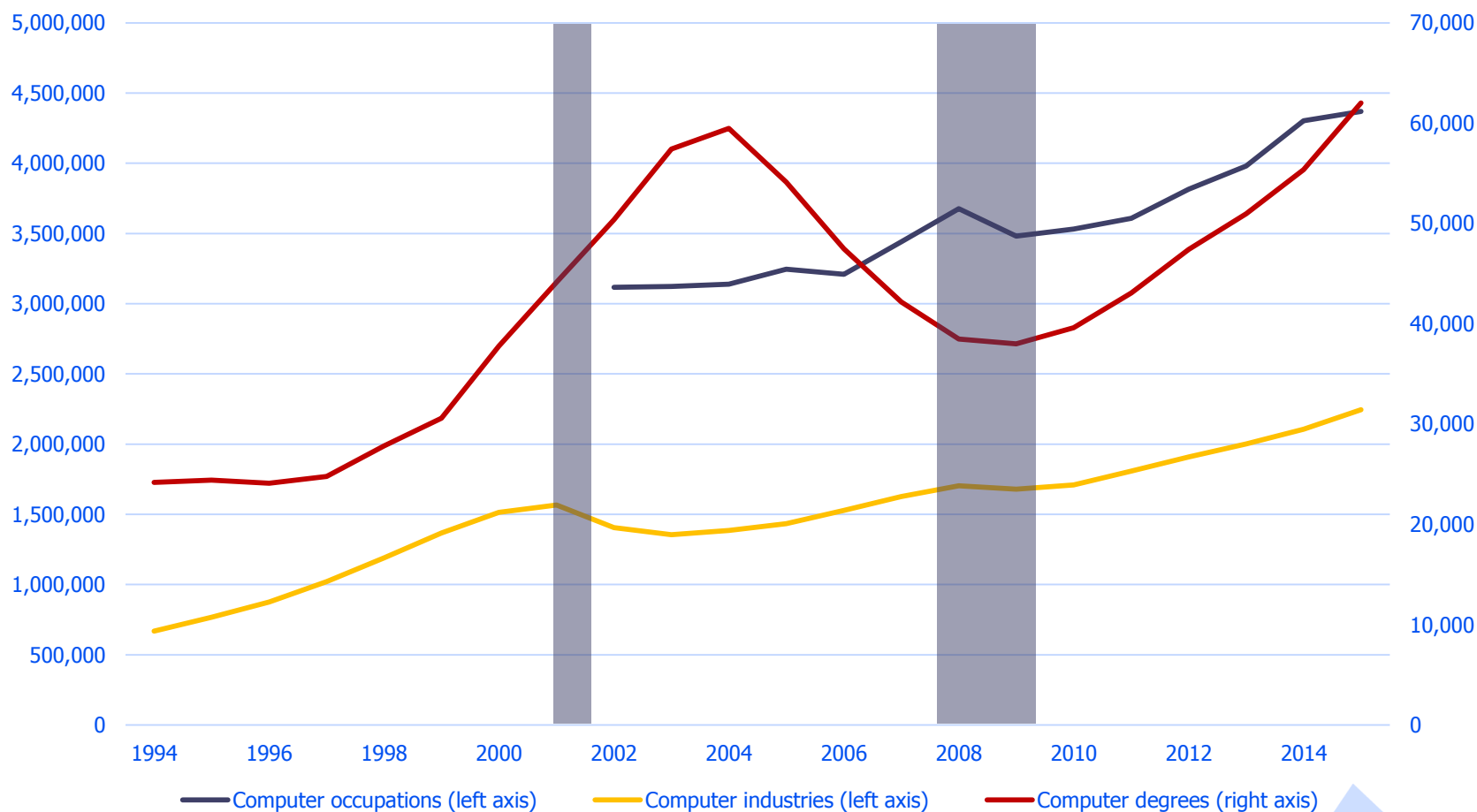
Employment Projections Program

NAS Workshop on the Growth in Computer Science
Undergraduate Enrollments

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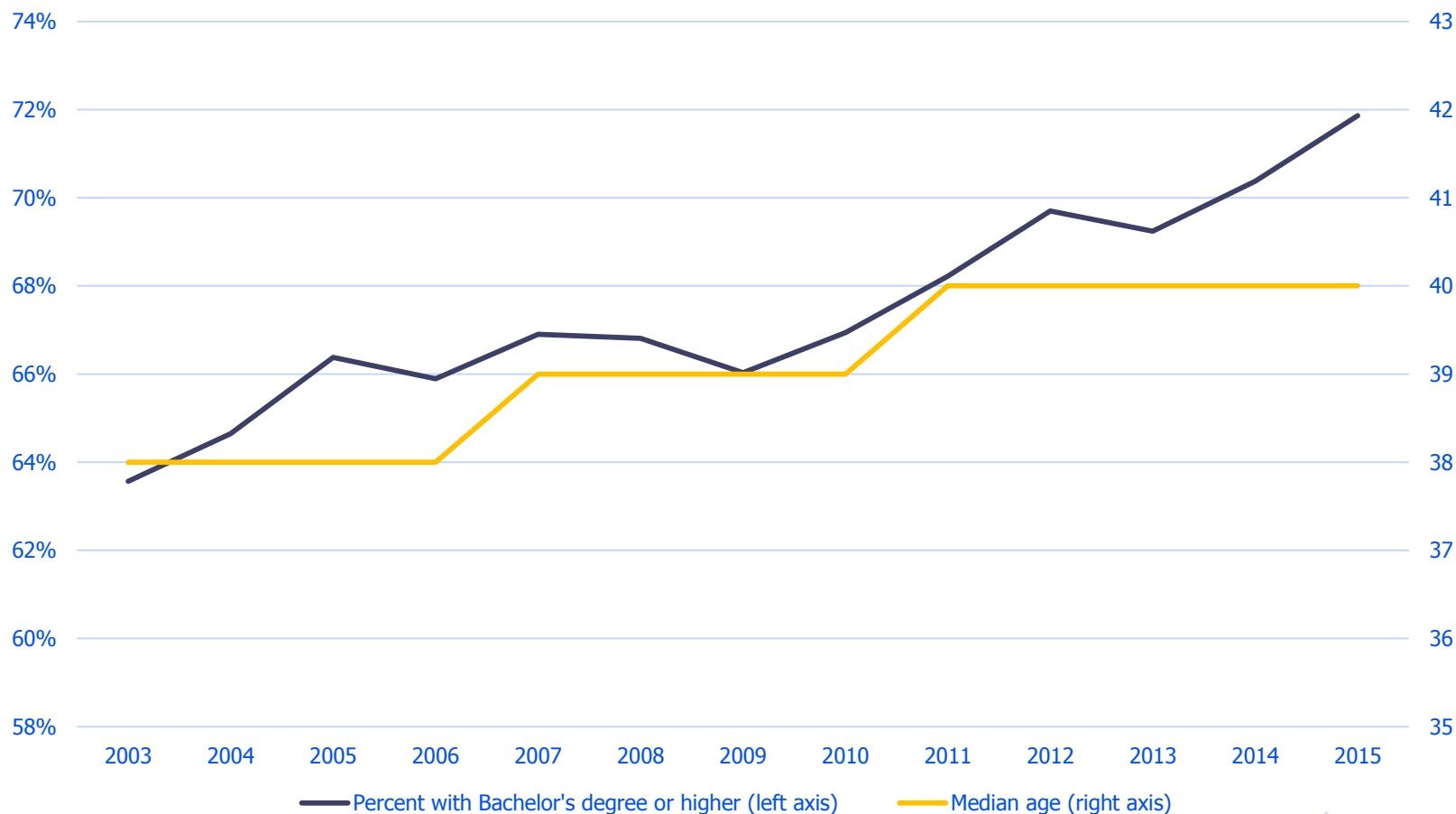
Computer employment has been less volatile than computer degrees



Source: Current Population Survey (Occupations), Current Employment Statistics (Industries), National Center for Education Statistics (Degrees)



Workers in computer occupations have been getting older and more highly educated

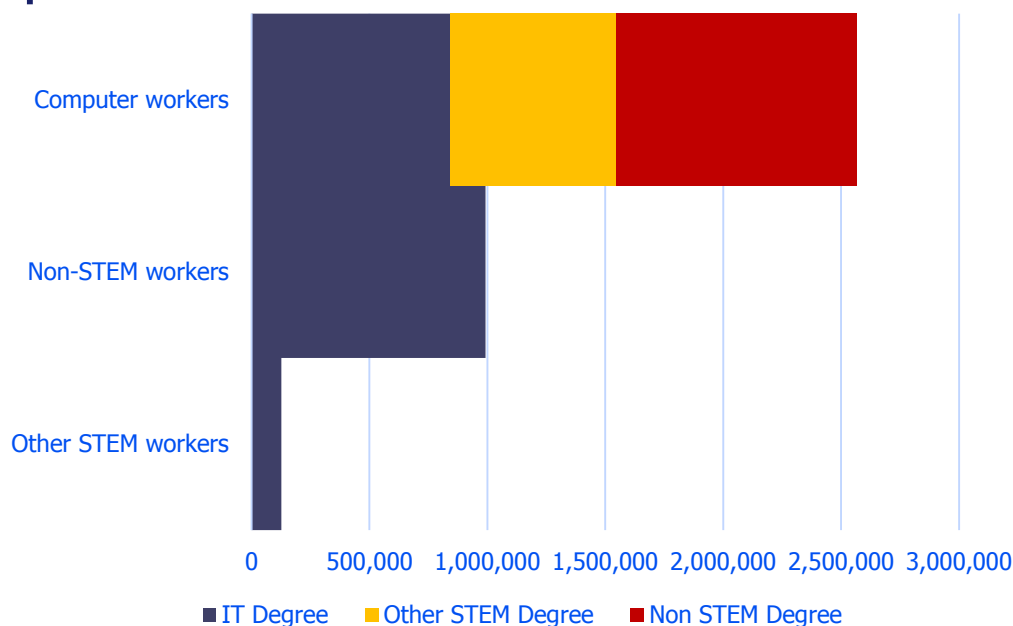


Source: Current Population Survey (Occupations), Current Employment Statistics (Industries), National Center for Education Statistics (Degrees)

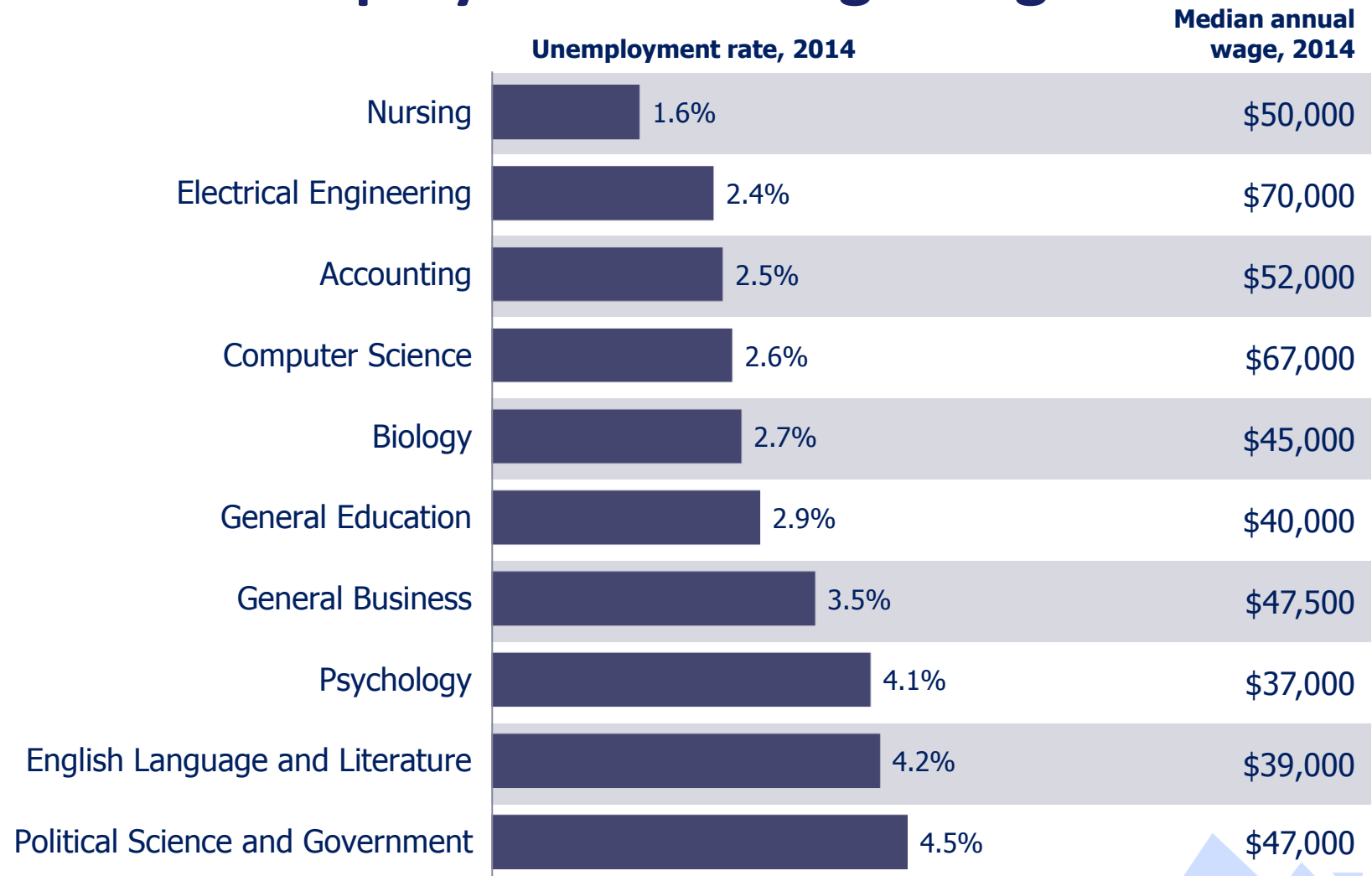


Most computer workers don't have a degree in IT

- 33% of workers in computer occupations have a bachelor's degree in an IT field
- 43% of workers with an IT degree work in a computer occupation

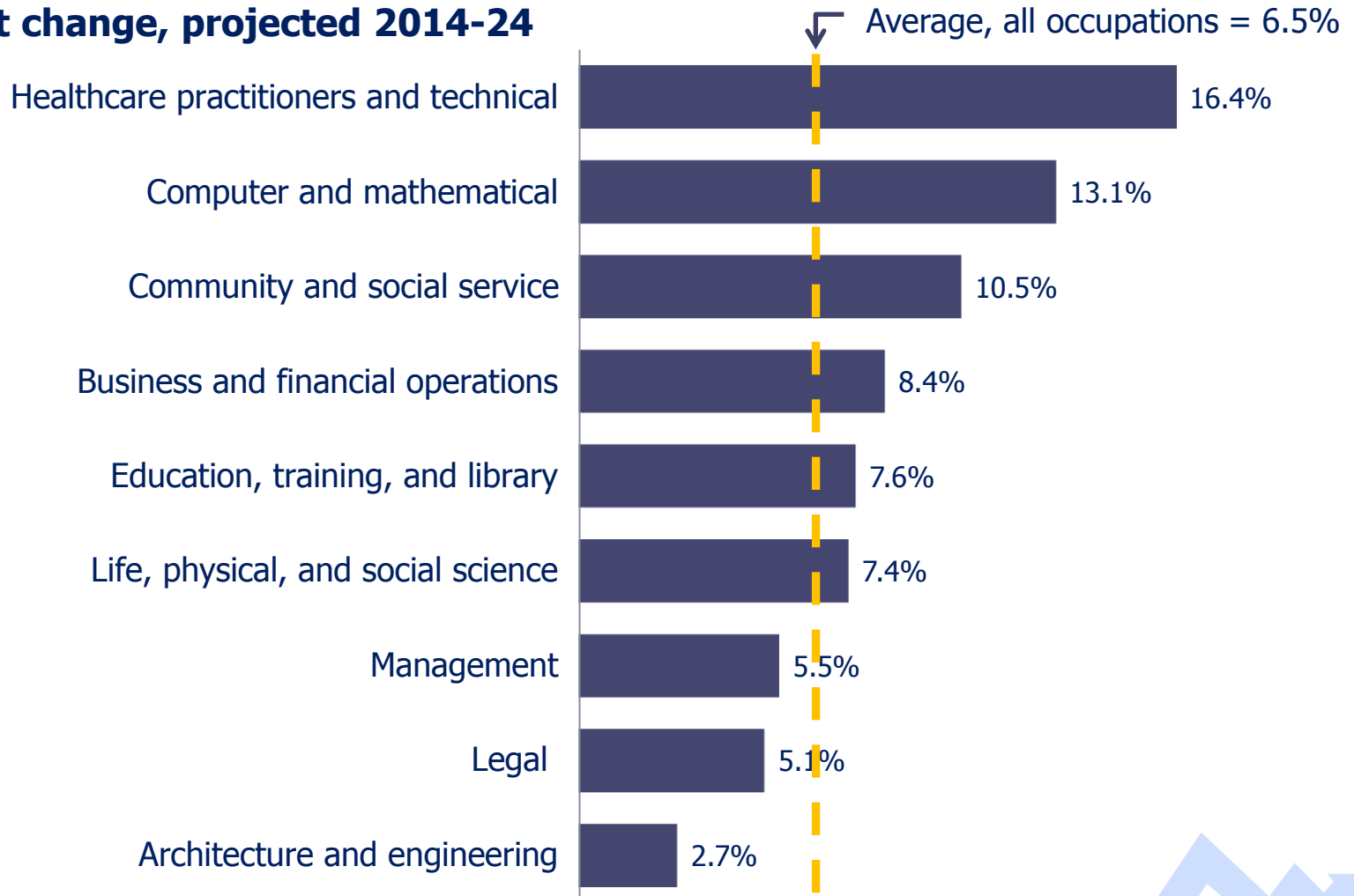


Computer science degree holders have low unemployment and high wages



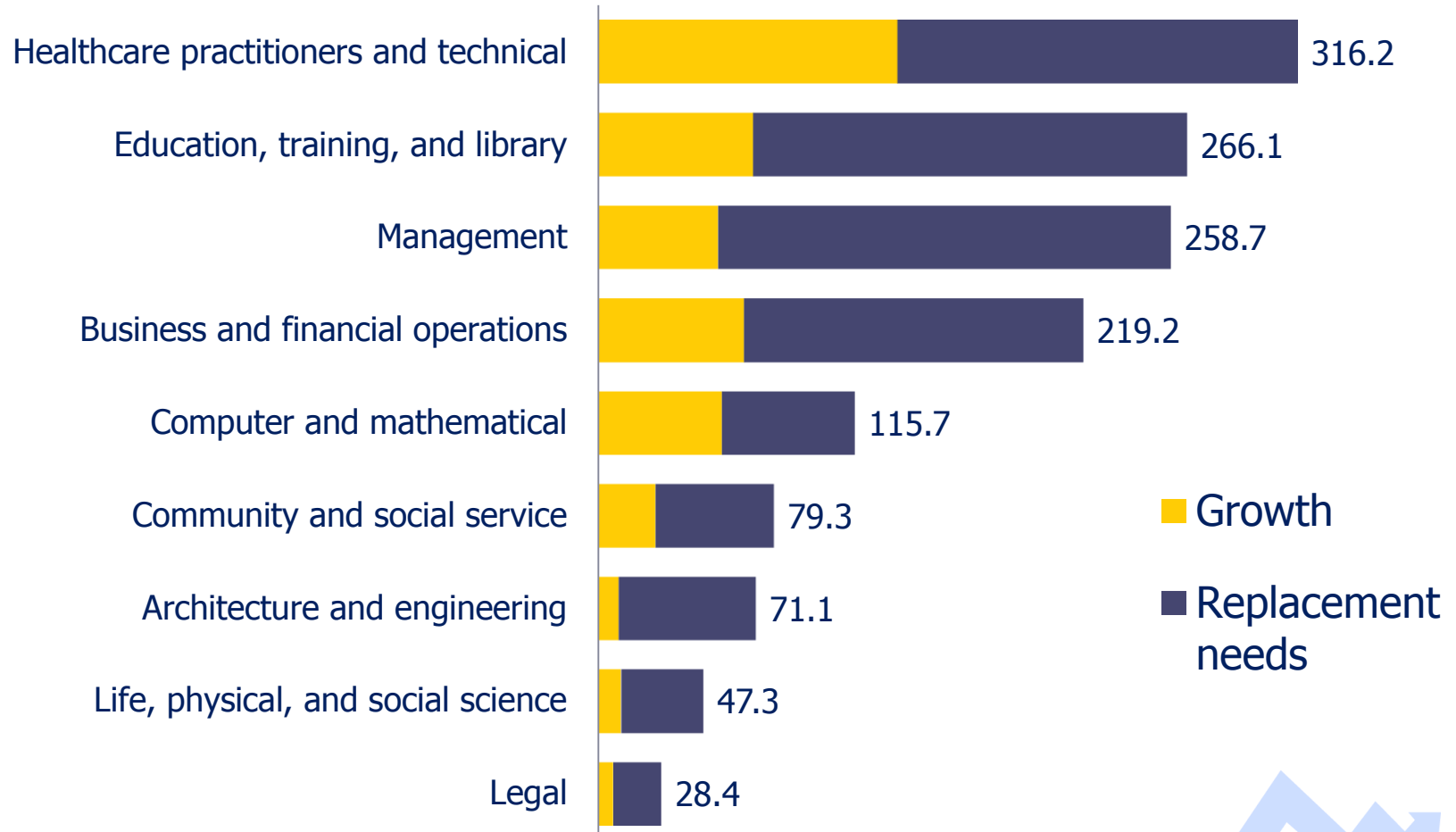
Computer occupations are among the fastest growing professional occupations

Percent change, projected 2014-24



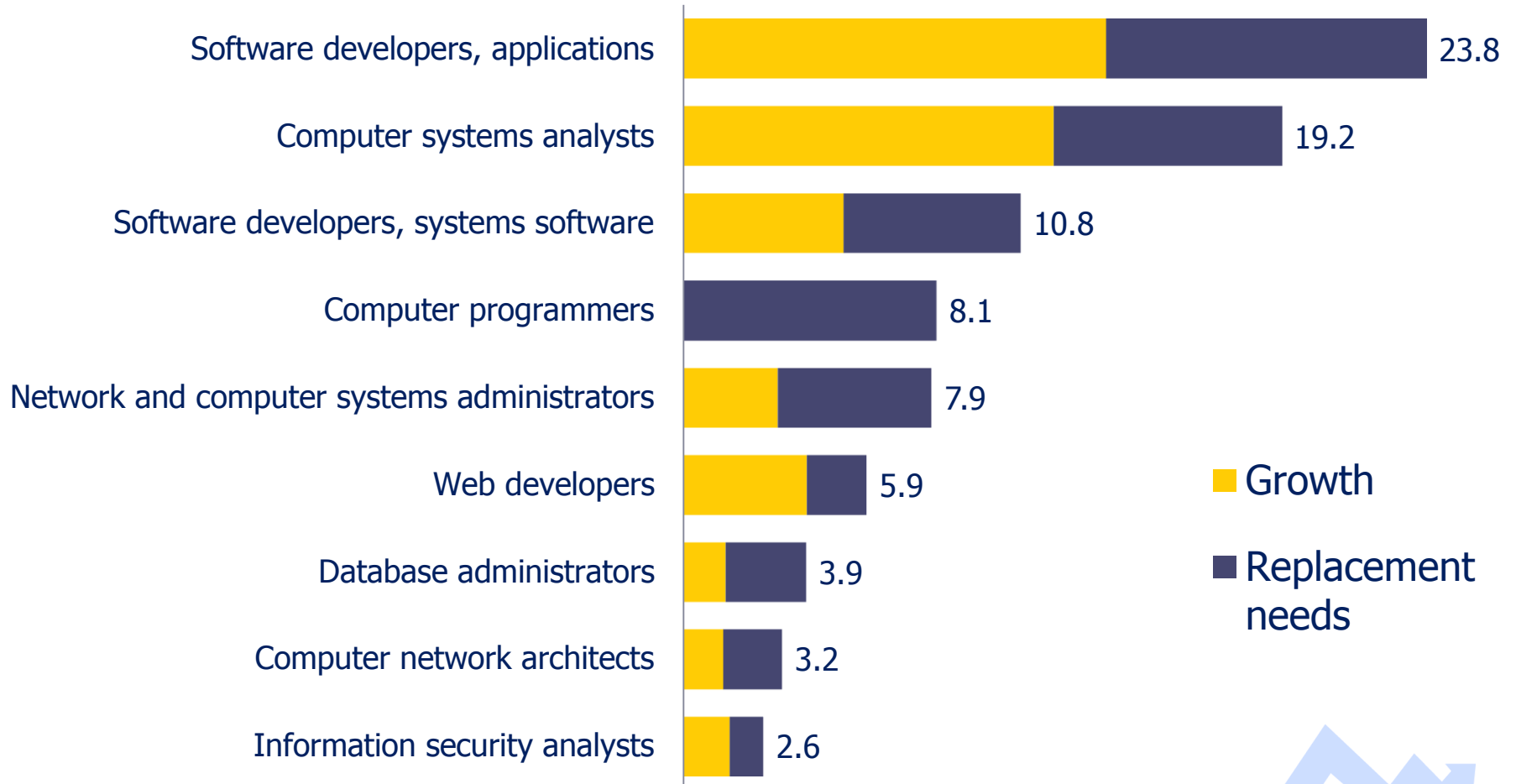
Over 100,000 new workers per year needed in computer occupations

Thousands of openings per year, projected 2014-24



Applications developers and systems analysts will have the most openings

Thousands of openings per year, projected 2014-24



Contact Information

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