How does CS education vary by district across Illinois?

The State of Computer Science in Illinois High Schools Series
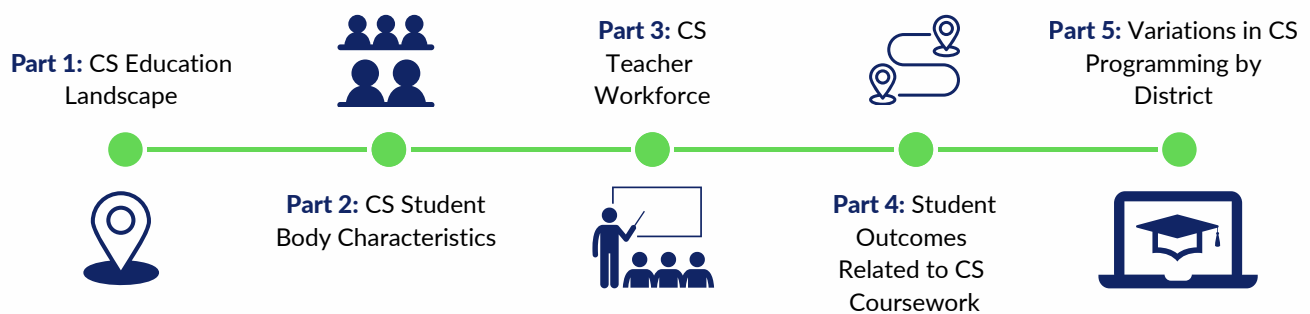
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Illinois Workforce and Education Research Collaborative

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The State of Computer Science in Illinois High Schools Series analyzes the landscape, structures, and pathways of computer science (CS) education in Illinois and creates a baseline by which to measure the expansion of CS education in the coming years. **The Series includes five reports, each analyzing a different aspect of CS education:**

Part 1: CS Education Landscape

Part 2: CS Student Body Characteristics

Part 3: CS Teacher Workforce

Part 4: Student Outcomes Related to CS Coursework

Part 5: Variations in CS Programming by District

Part 5: Key Findings

59%

As of SY 2022, about 59% of Illinois high school districts offered a CS course, meeting compliance with Public Act 101-0654. However, only 42% of Illinois high school districts employed at least one qualified CS teacher that same year.

There is a divide in various CS offerings and employing a CS-endorsed teacher along geographic and income lines, where rural and town districts as well as districts that have a high percentage of low-income students offered fewer CS courses and were less likely to employ a CS-endorsed teacher.

Districts across the state have robust and equitable CS programming. These Cases of Excellence were diverse in their hiring, training, and supporting of CS teachers, their methods of advising, enrolling, and igniting interest in their students, and their policies and strategies for providing equitable CS education.

Data was provided by the Illinois State Board of Education and includes students who enrolled in at least one CS course between school years 2017-18 through 2021-22.

Read the full report: http://go.dpi.uillinois.edu/cser