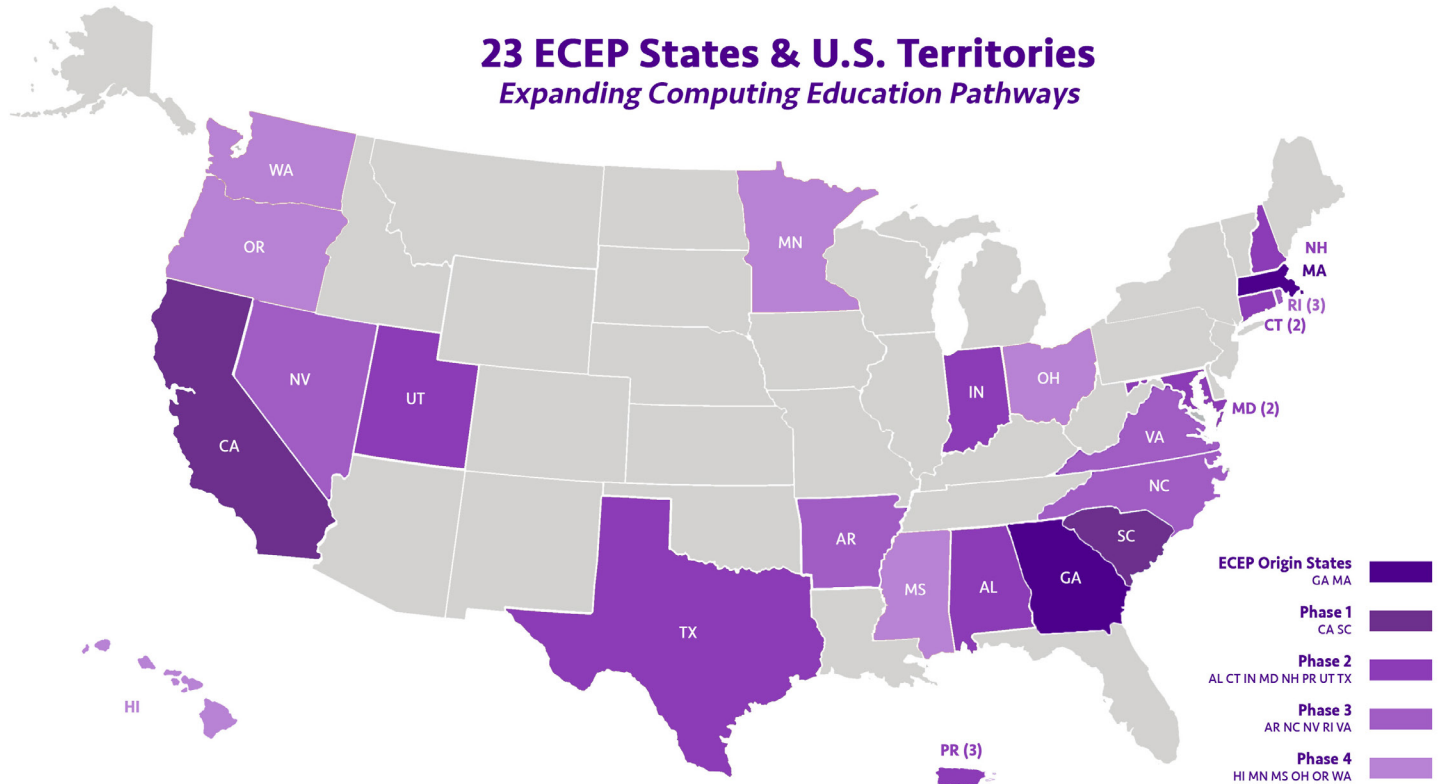


The Expanding Computing Education Pathways (ECEP) Alliance seeks to increase the number and diversity of students in the pipeline to computing and computing-intensive degrees by promoting state-level computer science education reform. ECEP supports 23 states and territories to develop effective and replicable interventions to **broaden participation in computing (BPC)** and to create state-level infrastructure to foster equitable computing education policies.

23 ECEP States & U.S. Territories

Expanding Computing Education Pathways

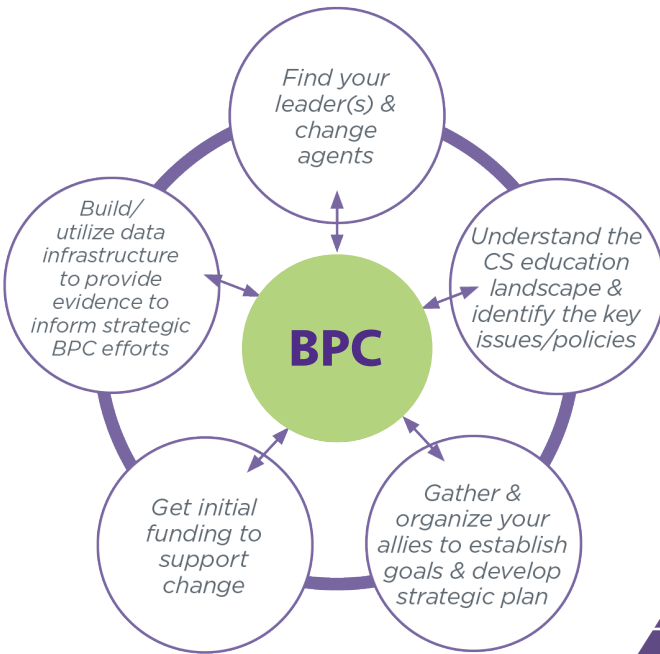


Key Features of ECEP

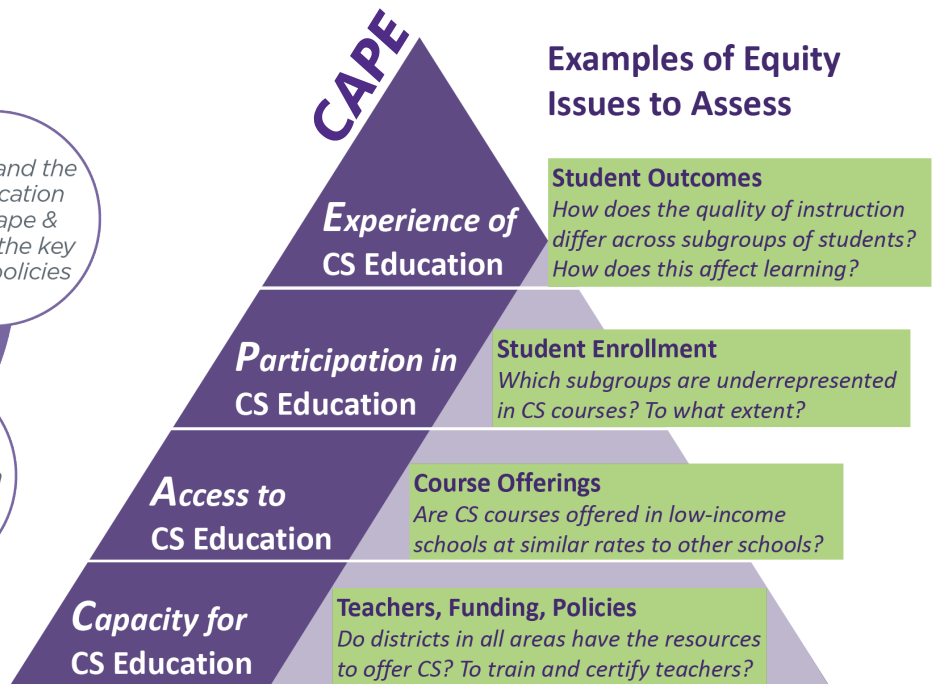
The ECEP Alliance deploys a collective impact model in which ECEP manages the backbone functions of the Alliance while state BPC leadership teams engage directly in the implementation and data collection activities specific to each state.

- ECEP focuses on **STATES as the unit** of change by supporting systemic improvements in policy, organization, and data systems that lay the foundation for large-scale and sustainable advances in BPC.
- ECEP provides **technical support** to state leadership teams for BPC data analysis, goal setting and tracking, and policy design and implementation rather than engaging in direct student interventions.
- ECEP outcomes are grounded in systems change, an approach that focuses on policies and practices that are often codified in law, leading to **policy based sustainability**.
- ECEP requires **cross-disciplinary collaboration** at a systems level among diverse stakeholders representing the computing, education, and policy components of the entire CS education ecosystem.

- Catalyze and **incubate diverse state leadership** teams that keep BPC at the forefront in state level actions around **Capacity** for CS ed, **Access** to CS ed, **Participation** in CS ed, and **Experiences** of CS ed (CAPE).
- Provide **coaching** and technical assistance to state ECEP leaders advancing them through the **ECEP 5-stage change model**.
- **Connect** ECEP leaders to expertise, resources, and promising practices to help them advance BPC through monthly virtual meetings, annual ECEP convening, special projects, website, and social media.
- Provide **seed funding** to ECEP states through mini-grants that facilitate state **CS education summits**, develop **goals and metrics** for tracking large scale, longitudinal change in BPC, create **CS landscape reports**, and support **community building** around BPC.



5-Stage Change Model



**Capacity, Access, Participation, and Experience (CAPE)
A Framework for Examining Equity in CS Education**

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