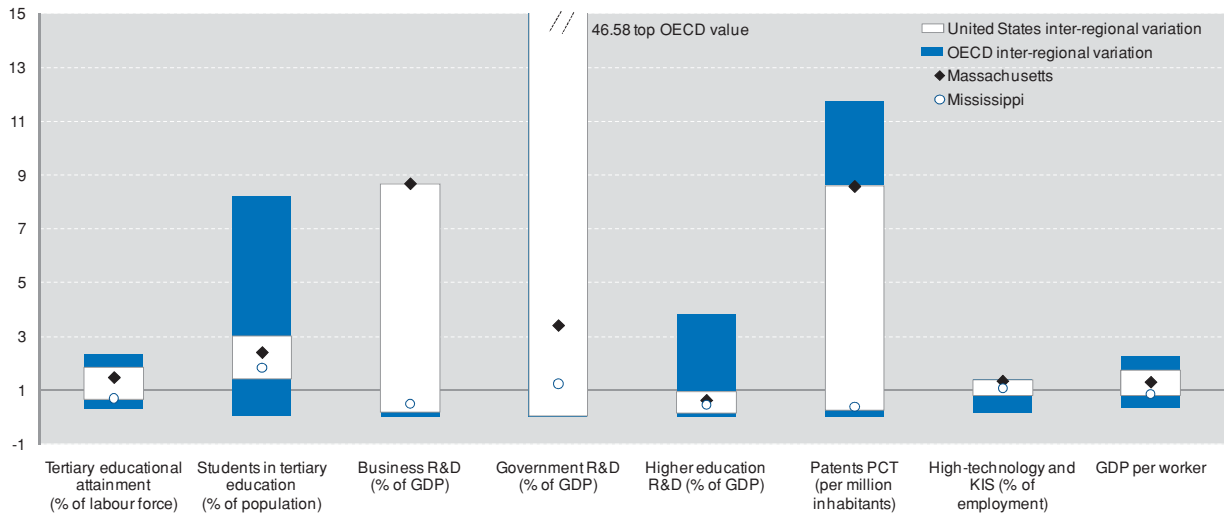


United States

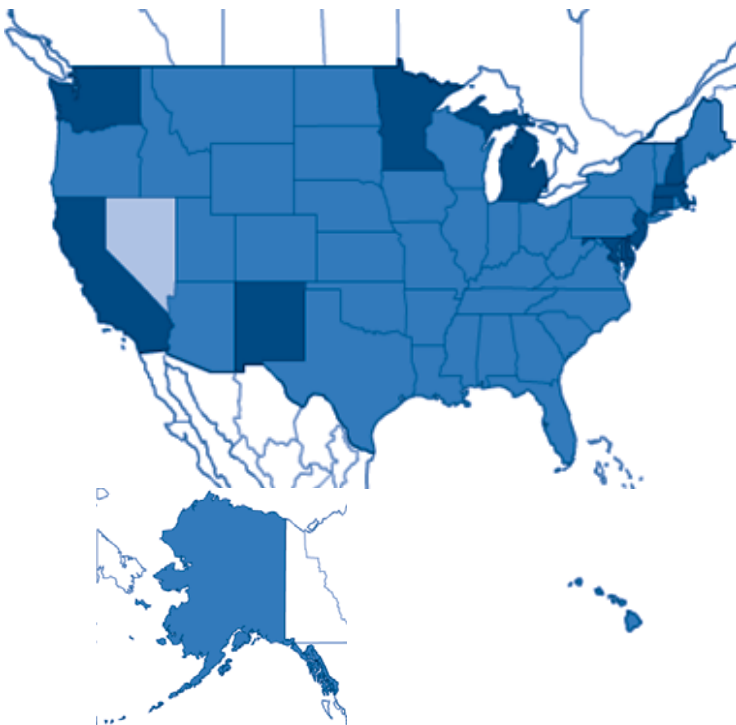
Figure 7.41. Summary of innovation indicators: inter-regional variation



Notes: Data is for 2007 or latest year available. Each variable is normalised to an OECD median of 1 for regions with data. The light colour band represents the range of values for the country. The dark band represents the range of values for OECD regions. Not all OECD regions have data for all variables.

Source: Calculations based on data from the *OECD Regional Database*.

Figure 7.42. Categorisation of OECD regions in country



Knowledge intensive city/capital districts:

District of Columbia

Knowledge and technology hubs:

California, Connecticut, Delaware, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New Mexico, Washington

US states with average S&T performance:

Alabama, Alaska, Arizona, Arkansas, Colorado, Florida, Georgia, Hawaii, Idaho, Iowa, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Mississippi, Missouri, Montana, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Tennessee, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming

Traditional manufacturing centres:

Nevada

Note: Colours range from dark to light based on the type of region present in the country with available data. This map is for illustrative purposes and is without prejudice to the status of or sovereignty over any territory covered by this map.

Source: Calculations based on data from the *OECD Regional Database*.

Table 7.42. Overview of multi-level governance of STI policy

Regions	50 states and 1 district
Country structure	Federal
Sub-national share of government expenditure, all functions (2009)	48.8%
Definition of regional role in STI	State and county/city economic development
Regional role in higher education	Responsibility of the states; federal funding sources for research
Formal national-regional co-ordination bodies	White House Office of Science and Technology Policy; US House Committee on Science, Space and Technology; Multiple NGOs (i.e., National Governors Association; State Science and Technology Institute; Council on Competitiveness; American Association for the Advancement of Science)
Regional consideration in national S&T/Innovation Plan	“A Strategy for American Innovation: Securing Our Economic Growth and Prosperity” http://www.whitehouse.gov/innovation/strategy
Example of national policies with explicit regional dimension	EPSCOR (for building research capacity in lesser developed states); Regional Innovation Clusters; i6 Challenge
Example of co-ordination tools	Harvard Cluster Mapping Project to identify clusters relevant for national and regional needs

Table 7.43. Instruments by level of government

N=national, R=regional; X=most or all; S=some

	N	R
Human capital investment		
Scholarships for post-graduate studies	X	S
Targeted human resource training (directly, subsidies)	X	S
Strategy and foresight		
High-level strategic advisory body	X	S
Technology foresight exercises (assessing future needs)	X	S
R&D investment (including large infrastructure)		
On-going institutional R&D funding in PRCs or HEIs	X	S
Seed funding/projects to start PRCs or HEIs	X	S
Competitive R&D funding by PRCs or HEIs	X	S
Public subsidies for private R&D	X	S
Tax credits for private R&D	X	S
Technology transfer and innovation services to firms		
Quality control and metrology services	X	S
Innovation advisory or support services (publicly provided, vouchers, subsidies, student placements)	X	S
Advisory to spin-off and knowledge-intensive start-up firms	X	X
Other technology transfer centres and extension programmes	X	X
Innovation collaboration		
Cluster initiatives (often sectoral and mainly firm-based)	X	X
Branded excellence poles or hubs (label and multiple actors)	X	S
Multi-disciplinary technology platforms	X	S
Science and technology parks	X	X
Incubators for new firms	X	X
Financing for innovative firms		
Public development banks	X	S
Public venture capital funds or stakes in private funds	X	S
Guarantees	X	S
International collaboration		
Scientific co-operation for HEIs and PRCs	X	S
Foreign firms eligible for public innovation-related funds	X	S
International trips to develop innovation networks	X	X
Other programmes		
Public procurement policy with innovation focus	X	S
Innovation awards	X	S

Notes: PRC=public research centre; HEI=higher education institution.