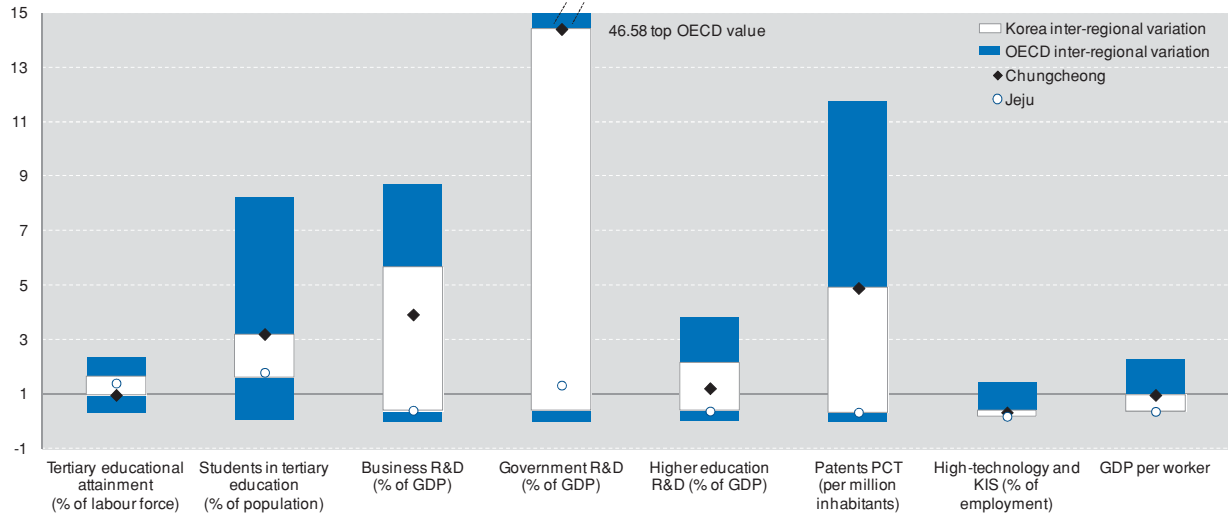


## Korea

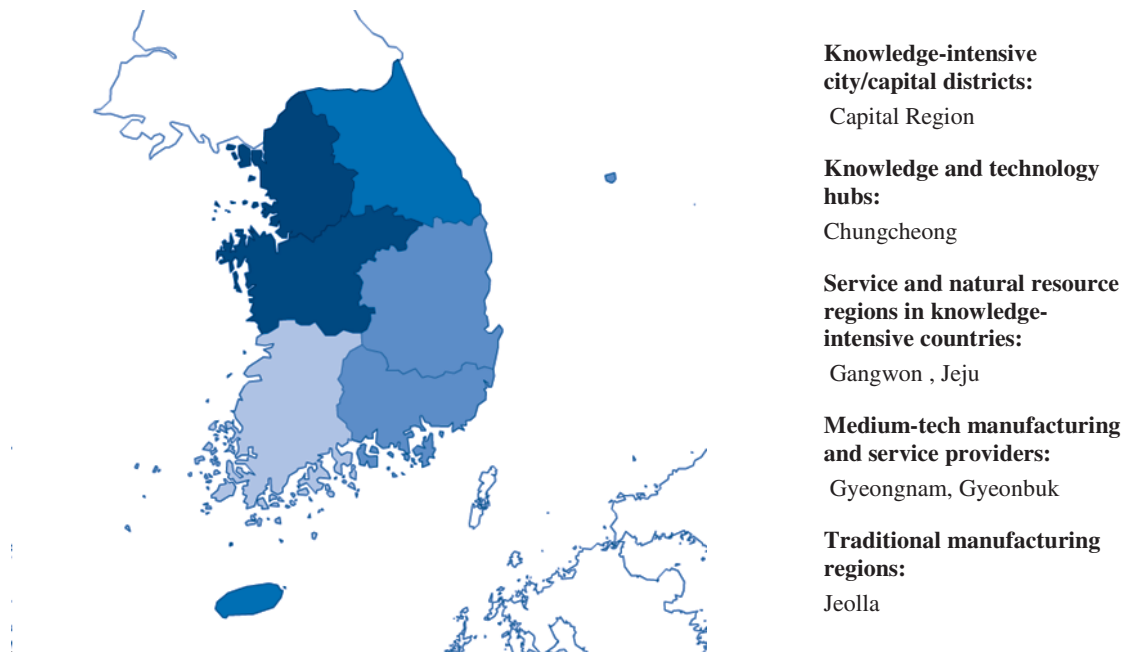
Figure 7.21. Summary of innovation indicators: inter-regional variation



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 7.22. Categorisation of OECD regions in country



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 7.22. Overview of multi-level governance of STI policy

Regions	7 regions
Country structure	Unitary, regions not elected
Sub-national share of government expenditure, all functions (2007)	44.5%
Definition of regional role in STI	S&T Law
Regional role in higher education	Not a regional responsibility
Formal national-regional co-ordination bodies	National S&T Council meets biannually and includes several ministries, Presidential Committee on Regional Development, and the regional governments
Regional consideration in national S&T/Innovation Plan	National five-year S&T Plan and the Development Plan for Regional Science Parks both seek to develop core R&D fields in each region as well as to promote interaction among regional innovation system actors
Example of national policies with explicit regional dimension	Programmes from the Ministry of Education, S&T as well as Ministry of Knowledge Economy promote programmes for regional university capacity, science parks, strategy industry development and regional industrial clusters
Example of co-ordination tools	National territorial representatives (including those from the Ministry of Education, Science and Technology and the Ministry of Knowledge Economy) but also consultation processes, ongoing dialogue, agencies, contracts (typically for science parks and technology parks) and project co-financing

Note: While there are many instruments reported at regional level in some regions, they tend to rely on significant financing and management by the central government.

Table 7.23. Instruments by level of government

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

	N	R
<b>Human capital investment</b>		
Scholarships for post-graduate studies	X	S
Targeted human resource training (directly, subsidies)	X	S
<b>Strategy and foresight</b>		
High-level strategic advisory body	X	S
Technology foresight exercises (assessing future needs)	X	S
<b>R&amp;D investment (including large infrastructure)</b>		
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
<b>Technology transfer and innovation services to firms</b>		
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	S
Other technology transfer centres and extension programmes	X	S
<b>Innovation collaboration</b>		
Cluster initiatives (often sectoral and mainly firm-based)	X	S
Branded excellence poles or hubs (label and multiple actors)	X	S
Multi-disciplinary technology platforms	X	S
Science and technology parks	X	S
Incubators for new firms	X	S
<b>Financing for innovative firms</b>		
Public development banks	X	S
Public venture capital funds or stakes in private funds	X	S
Guarantees	X	S
<b>International collaboration</b>		
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	S
<b>Other programmes</b>		
Public procurement policy with innovation focus	X	S
Innovation awards	X	S

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