

Indicator metadata: Technological Affinity

The indicator "technological affinity" displays the output in economic activities of a given region.

The indicator is benchmarked across ESPON space, as data availability allows. Gross value added approximates the value of goods and services produced in a given geographical dimension (in this case NUTS-3) over a defined timeperiod. The composite indicator reflects the gross value added of knowledge intensive services and industries in a given area.

The synthetic indicator is composed of several sub-indicators which are individually picking up characteristics of the overall territorial dimensions in the framework of knowledge-intensive economic activities. The indicator is calculated in the following manner:

$$GVA_{(i,t)} = 1/2 * Y_{(i,t)} + 1/2 * E_{(i,t)}$$

In which the variable $Y_{(i,t)}$ represents normalised gross value added by knowledge intensive industries in region i and at time t , Analogously, $E_{(i,t)}$ represents normalised employment in a given region i and at time t . Each of the variables are

Theme(s): Science and Technology - Science, Technology and Innovation

Introduction

Author: ESPON project (<https://www.espon.eu/TEVI>)

Contact(s):

- Erich Dallhammer (OIR) (Project leader)

Territorial information:

Nomenclature

Spatial Extent

EU28+4

name

NUTS

version

2013

level

3

Years: 2016

Completeness:

Year

2016

Tunit

96

Area

88

GDP

97

Pop

97

Download

File

- Data (JSON, browse webservice) (</api/public/indicator-data/1402/>)
- Metadata INSPIRE (XML) (</indicator/1402/metadata-inspire.xml>)
- Metadata ESPON (printable) (</indicator/1402/metadata-espon/>)
- Indicator package (SHAPE) (ZIP 1.4 MB) (/private-media/object/1402/ind_1402_techaffi_shp.zip)
- Indicator package (CSV+XLS) (ZIP 138.2 KB) (/private-media/object/1402/ind_1402_techaffi_csv_iVcatmC.zip)
- Project package (all data of the related project) (/private-media/object/1530/project_tevi-territorial-evidence-support-of-european-territorial-cooperatio_XLrdvHf.zip)

Right

- Constraints - Access classification: unclassified (default)
- Constraints - Use constraint: copyright (default)

Methodology

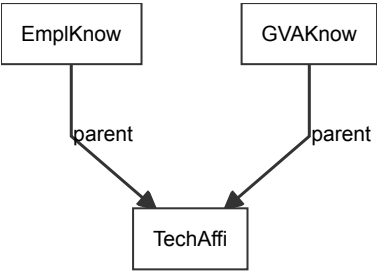
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Genealogy

Graph



Parents

- People employed in knowledge intensive sectors (/indicator/1403/)
- Value added of knowledge intensive enterprises (/indicator/1410/)

Child

None!

Other attributes

Id:	1402
Status:	Key indicator
Name:	Technological Affinity
Code:	TechAffi
Is standard?:	True
Is base indicator?:	False
Type:	Single
Data type:	Float
Unit of measure - Numerator / Denominator	Normalised scale multiplied by a factor of 100
Name:	
Unit of measure - Numerator / Denominator	1
Scale:	
Is a ranking?:	False
Main Theme:	Science and Technology - Science, Technology and Innovation
Nature type:	Other
Labels:	None