

# Indicator metadata: Regional typology: patents applications vs. population change

Combination of patents per mio. inhabitants 2012 and population change 2011-2015

The values of each region for the two indicators are compared with the average value of the indicators. Then they are matched to the four classes depending on being above or below average.

**Theme(s):** Population and living conditions - Population and Living Conditions

## Introduction

**Author:** ESPON project (<https://www.espon.eu/Alps2050>)  
**Contact(s):**

- Tobias Chilla (Project leader)
- Anna Heugel (Friedrich-Alexander-Universität Erlangen-Nürnberg) (Responsible party)

**Territorial information:**

Spatial Extent	Nomenclature		
	name	version	level
EUSALP (Alpine Strategy)	NUTS	2013	3
Alpine Space	NUTS	2013	3

**Years:** 2012

**Completeness:**

Year	Tunit	Area	GDP	Pop
2012	99.5	99	100	98.5

## Download

### File

- Data (JSON, browse webservice) (</api/public/indicator-data/1021/>)
- Metadata INSPIRE (XML) (</indicator/1021/metadata-inspire.xml>)
- Metadata ESPON (printable) (</indicator/1021/metadata-espon/>)
- Indicator package (CSV+XLS) (ZIP 80.3 KB) ([/private-media/object/1021/ind\\_1021\\_pata\\_pop\\_csv.zip](/private-media/object/1021/ind_1021_pata_pop_csv.zip))
- Indicator package (SHAPE) (ZIP 228.4 KB) ([/private-media/object/1021/ind\\_1021\\_pata\\_pop\\_shp\\_5qrlKg9.zip](/private-media/object/1021/ind_1021_pata_pop_shp_5qrlKg9.zip))
- Project package (all data of the related project) ([/private-media/object/1053/project\\_alps2050-common-spatial-perspectives-for-the-alpine-area.zip](/private-media/object/1053/project_alps2050-common-spatial-perspectives-for-the-alpine-area.zip))

### Right

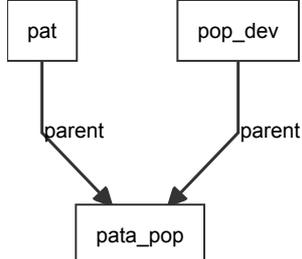
- Constraints - Access classification: unclassified (default)
- Constraints - Use constraint: copyright (default)

## Methodology

The values of each region for the two indicators are compared with the average value of the indicators. Then they are matched to the four classes depending on being above or below average.

## Genealogy

### Graph



## Parents

- Patents per million inhabitants (/indicator/1019/)
- Population change (%) (/indicator/1020/)

## Child

None!

## Other attributes

**Id:** 1021  
**Status:** Key indicator  
**Name:** Regional typology: patents applications vs. population change  
**Code:** pata\_pop  
**Is standard?:** True  
**Is base indicator?:** False  
**Type:** Single  
**Data type:** Enumerated  
**Unit of measure - Numerator / Denominator Name:**  
**Unit of measure - Numerator / Denominator:** None  
**Scale:**  
**Is a ranking?:** False  
**Main Theme:** Population and living conditions - Population and Living Conditions  
**Nature type:** Typology

### Labels:

Name	Description
13	patents in region above-average, population change in region above-average
14	patents in region above-average, population change in region below average
23	patents in region below average, population change in region above-average
24	patents in region below average, population change in region below average

