

De CATI => Eurostat (RAMON): une table de correspondance possible

CATI	Eurostat DB	RAMON	RAMON details	
pop_age_xx_an	demo_Yxx	Age_Yxx	Y_LT15' Y_LE15'	Less than 15 years (i.e. 15 years excluded); 15 years or/and less (i.e. 15 years included);
			Y15-24' Y_GT25' 'Y_GE25'	Between 15 and 24 years (i.e. from 15 years included to 24 years included (= less than 25)); More than 25 years (i.e. 25 years excluded); 25 years and over (i.e. 25 years included)
emplois_xx		NACE_R2_xx	bcp de niveaux de détails et d'aggrégations possibles	
Nb_chomeurs	lfu (labor force unemployed)	???		
pc_basrevenu	ilc (income and living conditions)	???		
nomen_class & niveaux_horsol	typb	BUILDING	TOTAL RES RES1 RES2 RES_GE3 NRES OTH UNK	Total Residential buildings One-dwelling residential buildings Two-dwelling residential buildings Three or more dwelling residential buildings Non-residential buildings Others Unknown

➔ Long et fastidieux à recoder

D'autant plus qu'il y a des «méta-questions» à résoudre à l'amont...

Métadonnées insuffisantes. Certaines données non diffusables...

Problèmes de codage: ex: les types d'activités ne suivent ni la NACE, ni la NOGA

Item Description - SITG_Emploi

Description | Preview

Print | Edit | Import

There are no tags for this item.

Summary
There is no summary for this item.

Description
Les adresses où au moins un établissement a été recensé ont été géoréférencés et permettent d'établir la carte des lieux de travail, le nombre d'établissements et le nombre d'emploi associé. Les résultats présentés concernent le recensement de 2008. RFE Le recensement fédéral des entreprises (RFE), réalisé par l'Office fédéral de la statistique (OFS), constitue l'une des enquêtes les plus importantes de la statistique économique. Il fournit une image précise et détaillée de la structure économique de la Suisse et de ses régions ; il couvre l'ensemble des secteurs secondaire et tertiaire et une petite partie du secteur primaire. Le premier recensement des entreprises a été organisé en 1905. De 1955 à 1985, il a eu lieu tous les dix ans, puis, à partir des années nonante, tous les 3 à 4 ans (en 1991, 1995, 1998, 2001, 2005 et 2008).

Credits
There are no credits for this item.

Use limitations
Données NON diffusables à des tiers.

Extent
West 5.950344 East 6.313355

Mode protégé Ce fichier provient d'un emploi

A1		fx	Sec
A	B	C	
1	Section	Code	Titre long_F
2	A	01	Culture et production animale, services annexes
3	A	02	Sylviculture et exploitation fores
4	A	03	Pêche et aquaculture
5	B	05	Extraction de houille et de lignit
6	B	06	Extraction d'hydrocarbures
7	B	07	Extraction de minerais métalliqu
8	B	08	Autres industries extractives
9	B	09	Services de soutien aux industr
10	C	10	Industries alimentaires
11	C	11	Fabrication de boissons
12	C	12	Fabrication de produits à base
13	C	13	Fabrication de textiles
14	C	14	Industrie de l'habillement
15	C	15	Industrie du cuir et de la chauss
			Travail du bois et fabrication d'a
			et en liège, à l'exception des

Table

SITG_Emploi

	emplois_ad	emplois_co	emplois_1	emplois_en	emplois_fi	emplois_he	emplois_in	emplois_ma	emplois_or	emplois_sa
▶	0	52	42	90	3	26	4	8	0	99
	0	0	0	0	0	3	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	0	0
	5	5	1	5	0	15	0	1	0	2
	0	1	0	0	0	0	0	0	0	0
	0	0	11	61	0	0	0	0	0	0
	0	70	0	140	1	0	2	0	0	13

Pourquoi dédoubler les données? Pourquoi des labels différents?

N'est-ce pas le rôle du système de recalculer les attributs pour différentes géométries?

Item Description - Allocations

Description [Preview](#)

[Print](#) [Edit](#) [Import](#)

Summary
There is no summary for this item.

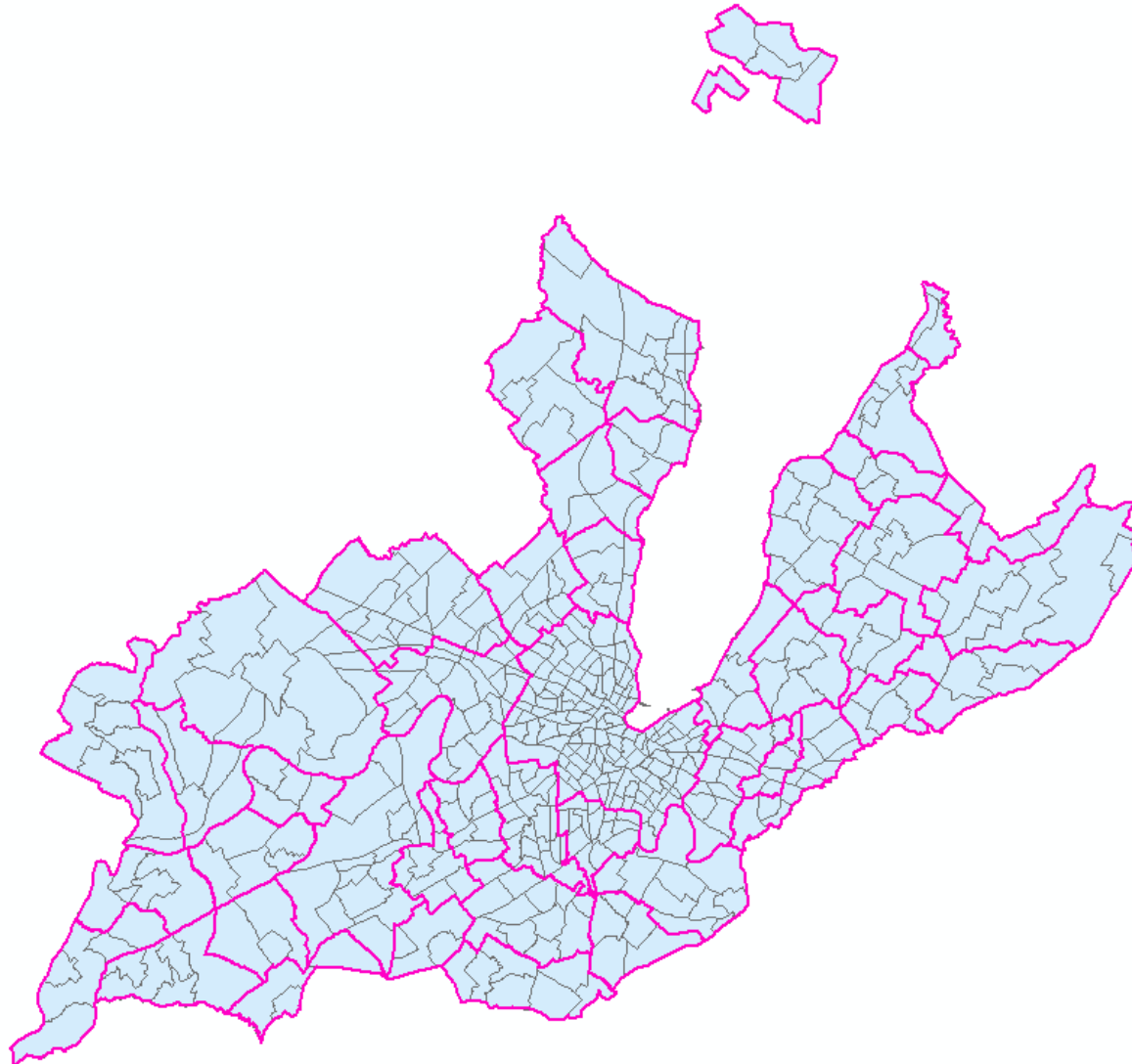
Description
There is no description for this item.

Credits
There are no credits for this item.

Use limitations
There are no access and use limitations for this item.

Extent
There is no extent for this item.

Scale Range



moins20log	QuartSup
1	<Null>
0	1
1	<Null>
0	0
1	<Null>
0	0
1	<Null>
0	0
0	0

Description [Preview](#)

[Print](#) [Edit](#) [Import](#)

Summary
There is no summary for this item.

Description
There is no description for this item.

Credits
There are no credits for this item.

Use limitations
There are no access and use limitations for this item.

Extent
There is no extent for this item.

Scale Range

pc_alloc	QuartileSup
0.0005	0
0.003906	0
0.023032	0
0.025229	0
0.001057	0
0.009081	0
0.041881	1
0.034793	1
0.035479	1

N'est-ce pas le rôle du système de recalculer différentes géométries ?

Problème: certaines données sont en pourcentage: il faut recalculer les stocks (mais sur quoi : ménages, population active, ...)?

Dans cet exemple, il manque les métadonnées

Item Description - BasRevenu

Description Preview

Print Edit Import

BasRevenu

File Geodatabase Feature Class

Thumbnail Not Available

Tags
There are no tags for this item.

Summary
There is no summary for this item.

Description
There is no description for this item.

Credits
There are no credits for this item.

Use limitations
There are no access and use limitations for this item.

Table

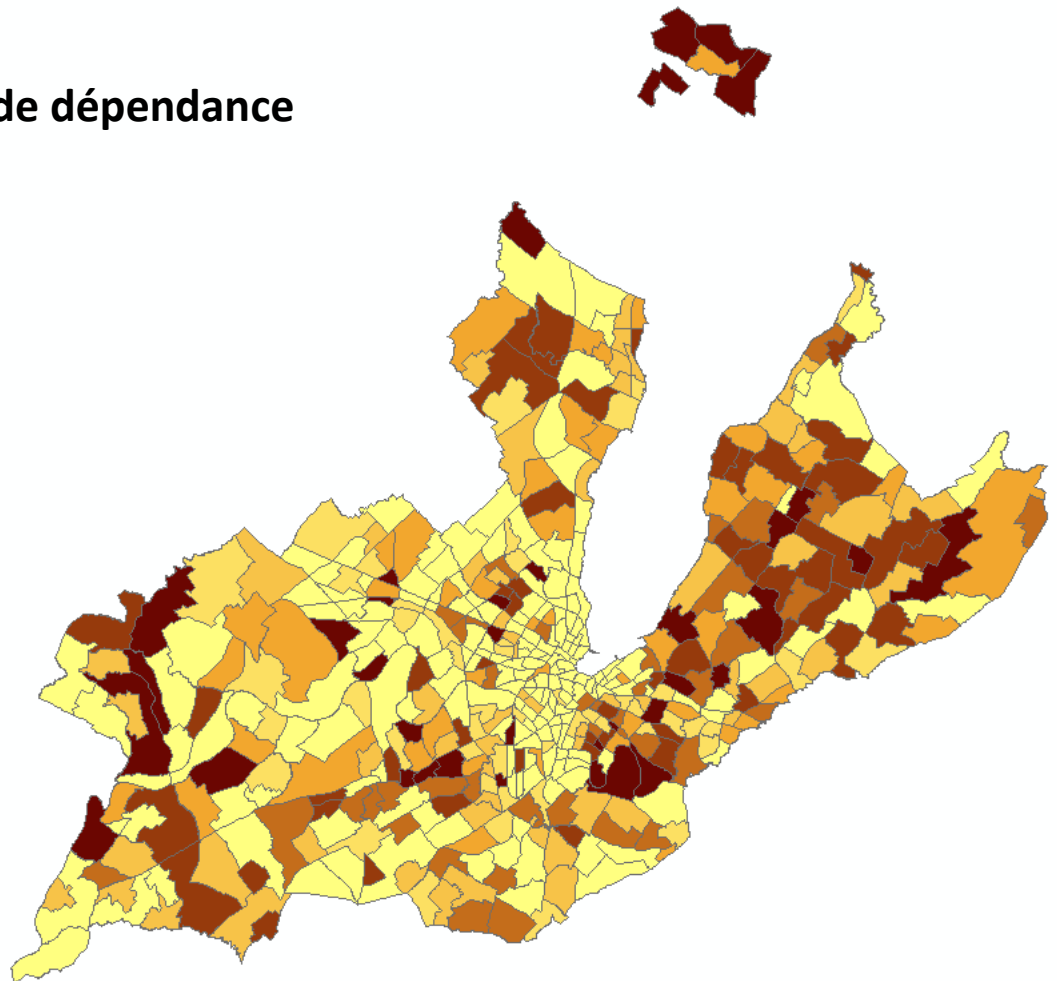
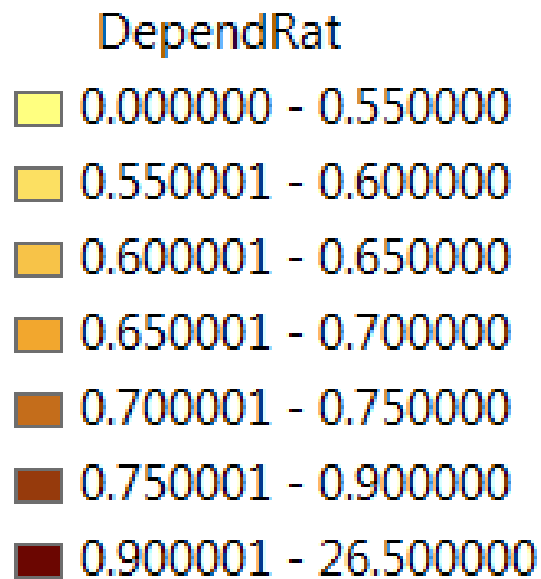
BasRevenu

st_length_shape_	Code	SousSecteur	ocstat	pc_basrevenu	QuartileSup
4203.426022	2300011	Aéroport-Arena	-10	<Null>	<Null>
2467.744288	3000140	Champs-Fréchets	27.300995	27.300995	1
4674.76749	1000050	Les Coudres	-10	<Null>	<Null>
5673.066653	1000030	Céligny-lac	28.571429	28.571429	1
4929.104312	1000020	Murat	-10	<Null>	<Null>
4061.468917	1000040	Céligny-village	25.454545	25.454545	0
4678.76687	1000010	Les Bondex	-10	<Null>	<Null>
4449.682879	4400030	Sauverny	15	15	0
2751.846717	4400102	Les Colombières	20	20	0

Question d'échelle: pourquoi se limiter à GE ? Le SITG ne le fait-il pas déjà ?

Malgré une grande précision de CATI (sous-secteurs)...

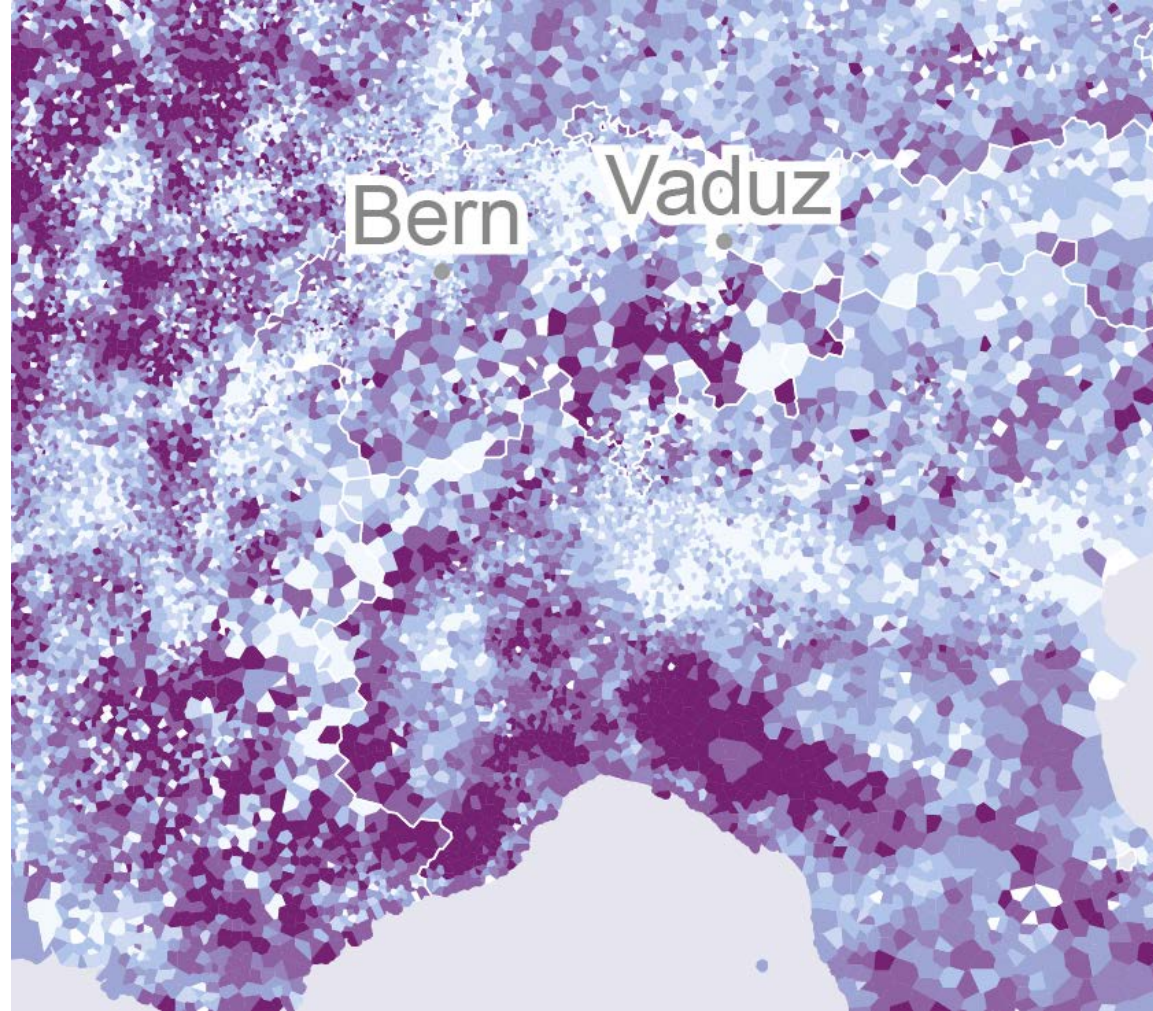
Exemple: rapport démographique de dépendance



Offrir une perspective plus large

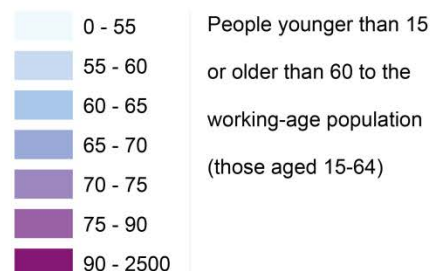
= intéresser un grand nombre
d'utilisateur ?

= meilleure visibilité pour notre
projet ?



Demographic dependency ratio

Dependents per 100 working-age population



Background elements

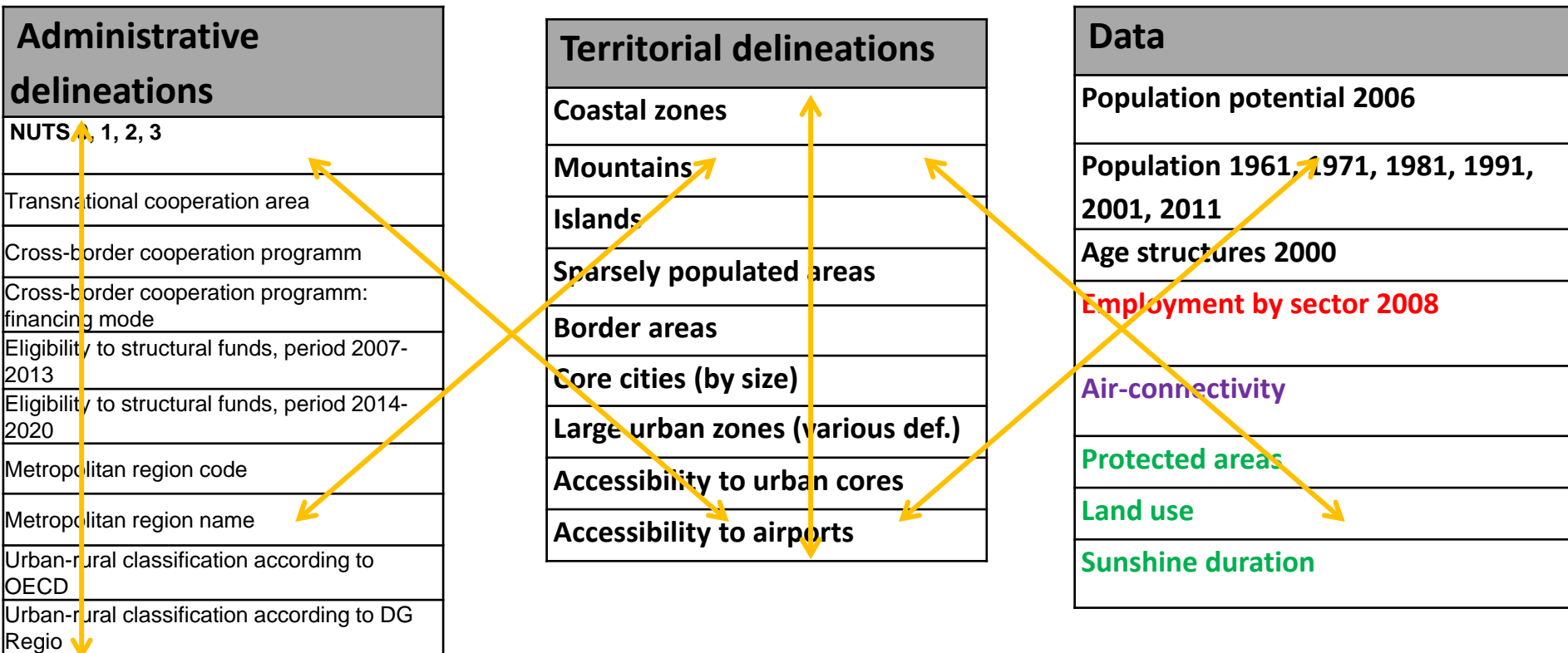


Une DB et un fond de carte (119'000 LAU) UNIGE qui permettent de croiser unités administratives, territoires et données (1)

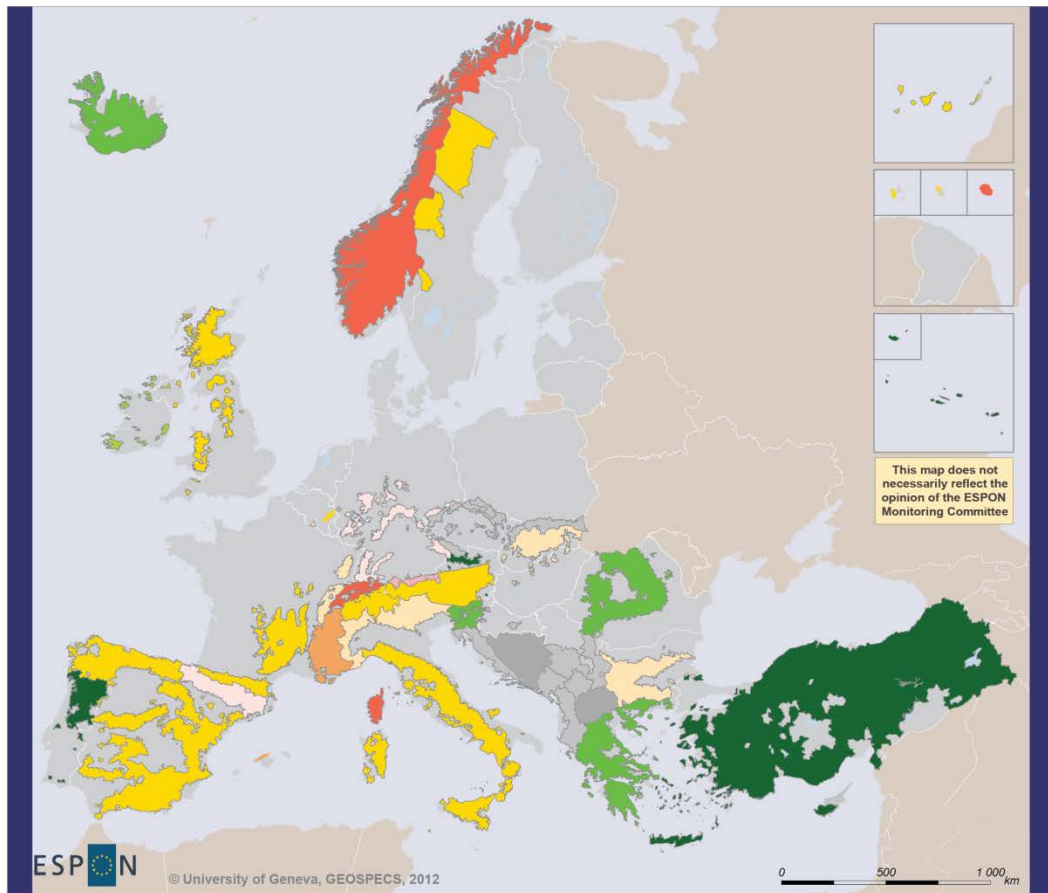
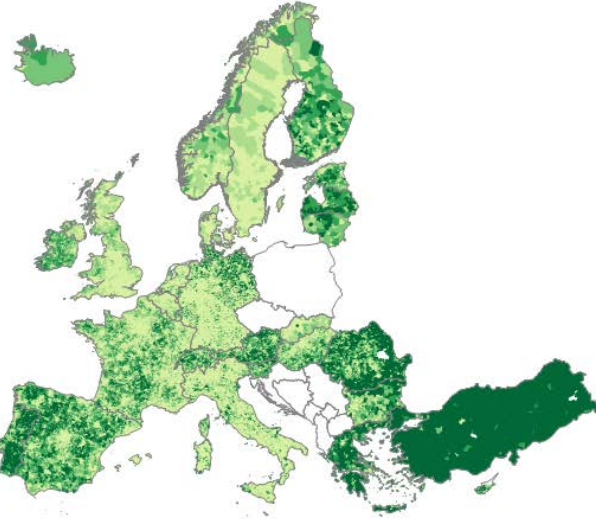
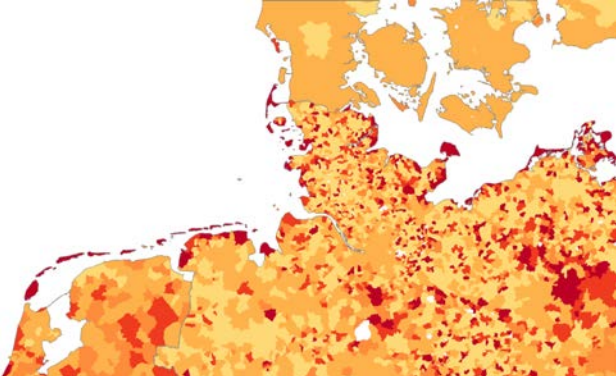
Administrative delineations
NUTS 1, 2, 3
Transnational cooperation area
Cross-border cooperation programm
Cross-border cooperation programm: financing mode
Eligibility to structural funds, period 2007-2013
Eligibility to structural funds, period 2014-2020
Metropolitan region code
Metropolitan region name
Urban-rural classification according to OECD
Urban-rural classification according to DG Regio

Territorial delineations
Coastal zones
Mountains
Islands
Sparsely populated areas
Border areas
Core cities (by size)
Large urban zones (various def.)
Accessibility to urban cores
Accessibility to airports

Data
Population potential 2006
Population 1961, 1971, 1981, 1991, 2001, 2011
Age structures 2000
Employment by sector 2008
Air-connectivity
Protected areas
Land use
Sunshine duration



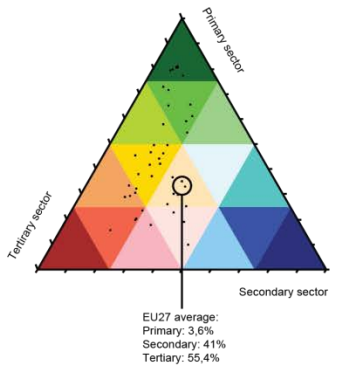
Une DB UNIGE qui permet de s'extirper des unités administratives pour qualifier des territoires (2)



EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: Mountain massifs
Source: GEOSPECS 2011
© EuroGeographics Association for administrative boundaries
except Western Balkans and Turkey (national sources)

Deviations from EU27 average



- Non-ESPON space
- ESPON Space
- No delineation of mountain areas
- No data

Une DB UNIGE avec des métadonnées bien structurées

Indicator	Total population
Responsible partner	UNIGE
Source(s)	European Commission, DG REGIO and Spatial Foresight
General Comments	A single provider, based on census, very robust

Year	Nomenclature	Provider	Comments on datasets from providers	AL	AT	BA	BE	BG	CH	CY	CZ
	1961ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x
	1971ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x
	1981ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x
	1991ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x
	2001ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x
	2011ETMS-GISCO_Vor08	European Commission		0	x	0	x	x	x	r	x

Une DB UNIGE avec des métadonnées bien structurées (1)

Dataset information

Name	<i>Total population (historical census 1961; 1971; 1981; 1991; 2001; 2011)</i>	
Project	<i>ETMS</i>	
Upload date	<i>2014-10-24</i>	
Creation date		
Revision date		
Metadata date	<i>2014-10-17</i>	
Abstract	This file contains the total population from historical census of the EU28+4; MK; RS; XK at LAU2 and DK + TR + GR at LAU1.	
Resource Locator		
Unique Resource Identifier		
Topic category	<i>Economy</i>	
Keyword	Vocabulary	Keyword Value
	GEMET	Demography
Lineage	<i>This is the first release of the dataset.</i>	
Resource type	dataset	
Dataset language	eng	
Metadata language	eng	
Temporal extent	start	end
	<i>1961</i>	<i>2011</i>
Conformity	Conformance Specification	
	Specification date	
Constraints	Use constraint	copyright
	Access condition	<i>no conditions apply</i>
	Other constraints	no limitations
	Access classification	unclassified

Responsible Party

Individual Name	<i>Erik Gloersen</i>
Organization Name	<i>University of Geneva</i>
Role	<i>In charge of local data and maps</i>
Email	erik.gloersen@unige.ch
Position	<i>Partner</i>
Phone	<i>+41223799825</i>

Metadata Contact

Individual Name	<i>Jacques Michelet</i>
Organization Name	<i>University of Geneva</i>
Role	<i>In charge of local data and maps</i>
Email	jacques.michelet@unige.ch
Position	<i>Partner</i>
Phone	<i>+41223799825</i>

Point of Contact

Individual Name	<i>Oriol Biosca</i>
------------------------	---------------------

Une DB UNIGE avec des métadonnées bien structurées (2)

		Indicator Identification	
Code	Name	Abstract	
Bound0811	data influenced by change in LAU boundaries	This column reflects lacks of data resulting from a change in municipal boundaries (due to the merging of 2 or more LAU in most cases) between the 2011 LAU nomenclature used for the original dataset and the 2008 LAU nomenclature used for ETMS-GISCO voronoi map	
1961pop	Population 1961	Population interpolated to 1.1.1961, from census data or register data	
1971pop	Population 1971	Population interpolated to 1.1.1971, from census data or register data	
1981pop	Population 1981	Population interpolated to 1.1.1981, from census data or register data	
1991pop	Population 1991	Population interpolated to 1.1.1991, from census data or register data	
2001pop	Population 2001	Population interpolated to 1.1.2001, from census data or register data	
2011pop	Population 2011	Population interpolated to 1.1.2011, from census data or register data	
NAT Type		Demography	
Theme		Keyword Value	
Keyword	Vocabulary GEMET	Population, Demography	
		<p>The present report describes the geo-referenced European local administrative unit population data compiled for the period 1961-2011. For most countries, this correspond to the so-called "LAU2-level". For a few countries (Denmark, Greece, Lithuania, Portugal, Slovenia and Turkey), it only proved possible to collect historical population data at the coarser "LAU1-level". The population figures are interpolated to reference dates of January 1st, 1961, 1971, 1981, 1991, 2001 and 2011 from census extrapolations were carried out.</p> <p>The dataset includes three groups of data:</p> <p>Group (1): recalculated population figures for 2012 LAU2 units wereprovided by National Statistical Institutes (NSIs) for the entire period (1961-2012) Austria, Belgium, Croatia, Estonia, Finland, France, Hungary, Liechtenstein, Luxembourg, Macedonia, Norway, Sweden, Netherlands, Serbia, Switzerland.</p> <p>Group (2): historical population figures for 2011 LAU2 units could be recalculated on the basis of available data: Bulgaria, Cyprus , Czech Republic, Germany, with diverse levels of data availability depending on the Land considered., Iceland, Malta , Romania , Slovakia, Spain, Northern Ireland, Ireland, Portugal, Slovenia, Denmark, Greece.</p> <p>Group (3) : it was necessary to use other digital maps than that of 2012 LAU2 units provided by Eurogeographics to geoposition historical population figures: Latvia, Poland, Lithuania, Turkey, England, Wales, Scotland.</p>	
Methodology	Description		
		<i>cf. below</i>	
	Formula		

Une DB UNIGE avec des métadonnées bien structurées (3)

		Source Reference
Label	EC	
Date	2013-09-01	
Copyright	DG REGIO	
Provider	Name	European Commission, DG REGIO and Spatial Foresight
	URI	http://ec.europa.eu/regional_policy/index_fr.cfm
Publication	Title	
	URI	
	Reference	
Methodology	Description	
	Formula	
	URI	
Access Rule	public	
Estimation	false	
Quality Level	high	

Une DB UNIGE avec des métadonnées bien structurées (4)

	A	B	C	D	E	F	G	H	I	J	K	L
1					Bound1108		1961pop		1971pop		1981pop	
2					2008	source	1961	source	1971	source	1981	source
3	Unit code	Object type	Version	Name	2008	source	1961	source	1971	source	1981	source
357	AL12300285	LAU2	NSI-undef	DHIVER	0 EC		-9999		-9999		-9999	
358	AL12300286	LAU2	NSI-undef	KONISPOL	0 EC		-9999		-9999		-9999	
359	AL12300287	LAU2	NSI-undef	LIVADHJA	0 EC		-9999		-9999		-9999	
360	AL12300288	LAU2	NSI-undef	LUKOVÉ	0 EC		-9999		-9999		-9999	
361	AL12300289	LAU2	NSI-undef	SARANDĚ	0 EC		-9999		-9999		-9999	
362	AL12300290	LAU2	NSI-undef	XARRĚ	0 EC		-9999		-9999		-9999	
363	AL12300291	LAU2	NSI-undef	MARKAT	0 EC		-9999		-9999		-9999	
364	AL12300292	LAU2	NSI-undef	KSAMIL	0 EC		-9999		-9999		-9999	
365	AL12309003	LAU2	NSI-undef	ALIKO	0 EC		-9999		-9999		-9999	
366	AL12360358	LAU2	NSI-undef	BRATAJ	0 EC		-9999		-9999		-9999	
367	AL12360359	LAU2	NSI-undef	HIMARĚ	0 EC		-9999		-9999		-9999	
368	AL12360360	LAU2	NSI-undef	KOTĚ	0 EC		-9999		-9999		-9999	
369	AL12360361	LAU2	NSI-undef	NOVOSELĚ	0 EC		-9999		-9999		-9999	
370	AL12360362	LAU2	NSI-undef	ORIKUM	0 EC		-9999		-9999		-9999	
371	AL12360363	LAU2	NSI-undef	QENDĚR	0 EC		-9999		-9999		-9999	
372	AL12360364	LAU2	NSI-undef	SELENICĚ	0 EC		-9999		-9999		-9999	
373	AL12360365	LAU2	NSI-undef	SEVASTĚR	0 EC		-9999		-9999		-9999	
374	AL12360366	LAU2	NSI-undef	SHUSHICĚ	0 EC		-9999		-9999		-9999	
375	AL12360367	LAU2	NSI-undef	VLLAHINĚ	0 EC		-9999		-9999		-9999	
376	AL12360368	LAU2	NSI-undef	VLOŘĚ	0 EC		-9999		-9999		-9999	
377	AL12360369	LAU2	NSI-undef	VRANISHT	0 EC		-9999		-9999		-9999	
378	AL12360370	LAU2	NSI-undef	ARMEN	0 EC		-9999		-9999		-9999	
379	AT-CH-DE_LK1	Lake	UNIGE-Vor	Bodensee	0 EC		-9999		-9999		-9999	
380	AT10101	LAU2	EBM2008	Eisenstadt	0 EC		9272.416473 EC		10034.58605 EC		10100.56282 EC	
381	AT10201	LAU2	EBM2008	Rust	0 EC		1687.86772 EC		1710.252857 EC		1693.642211 EC	
382	AT10301	LAU2	EBM2008	Breitenbrunn	0 EC		1211.415974 EC		1316.944279 EC		1392.275976 EC	
383	AT10302	LAU2	EBM2008	Donnerskirchen	0 EC		1645.466727 EC		1594.84502 EC		1576.606488 EC	
384	AT10303	LAU2	EBM2008	Grosshoefflein	0 EC		1470.511084 EC		1501.892561 EC		1561.770272 EC	
385	AT10304	LAU2	EBM2008	Hornstein	0 EC		2381.801084 EC		2329.88878 EC		2260.473495 EC	
386	AT10305	LAU2	EBM2008	Klingenbach	0 EC		1251.348196 EC		1231.632162 EC		1168.270516 EC	
387	AT10306	LAU2	EBM2008	Leithaprodersdorf	0 EC		881.440688 EC		969.626851 EC		988.421702 EC	
388	AT10307	LAU2	EBM2008	Moerbisch am See	0 EC		2331.318861 EC		2303.089323 EC		2356.931733 EC	
389	AT10308	LAU2	EBM2008	Muellendorf	0 EC		1017.219555 EC		1070.004989 EC		1169.218649 EC	
390	AT10309	LAU2	EBM2008	Neufeld an der Leitha	0 EC		2440.953255 EC		2320.343336 EC		2342.990066 EC	
391	AT10310	LAU2	EBM2008	Oggau am Neusiedler See	0 EC		1788.241499 EC		1844.953444 EC		1872.061319 EC	
392	AT10311	LAU2	EBM2008	Oslip	0 EC		1244.080615 EC		1245 EC		1176.47471 EC	
393	AT10312	LAU2	EBM2008	Purbach am Neusiedler See	0 EC		2183.690176 EC		2159.879278 EC		2269.771994 EC	
394	AT10313	LAU2	EBM2008	Sankt Margarethen im Burgenland	0 EC		2360.861892 EC		2539.292274 EC		2600.934034 EC	
395	AT10314	LAU2	EBM2008	Schwarzenau-Gebirge	0 EC		1204.65419 EC		1236.637293 EC		1244.544446 EC	

Une DB UNIGE avec des métadonnées bien structurées (4)

Source Reference: ETMS extra metadata

Label		
Date of obtention		
Dataset source	Contact details	ESPON
	Name of the dataset in English	LAU data 1961-2011
	Name of the dataset in national language	
	Type of data	<p>The present report describes the geo-referenced European local administrative unit population data compiled for the period 1961-2011. For most countries, this correspond to the so-called "LAU2-level". For a few countries (Denmark, Greece, Lithuania, Portugal, Slovenia and Turkey), it only proved possible to collect historical population data at the coarser "LAU1-level". The population figures are interpolated to reference dates of January 1st, 1961, 1971, 1981, 1991, 2001 and 2011 from census figures. In France and the German regions of Saxony-Anhalt and Thuringia, some minor extrapolations were carried out.</p> <p>The dataset includes three groups of data:</p> <p>Group (1): recalculated population figures for 2012 LAU2 units wereprovided by National Statistical Institutes (NSIs) for the entire period (1961-2012) Austria, Belgium, Croatia, Estonia, Finland, France, Hungary, Liechtenstein, Luxembourg, Macedonia, Norway, Sweden, Netherlands, Serbia, Switzerland.</p> <p>Group (2): historical population figures for 2011 LAU2 units could be recalculated on the basis of available data: Bulgaria, Cyprus , Czech Republic, Germany, with diverse levels of data availability depending on the Land considered., Iceland, Malta , Romania , Slovakia, Spain, Northern Ireland, Ireland, Portugal, Slovenia, Denmark, Greece.</p> <p>Group (3) : it was necessary to use other digital maps than that of 2012 LAU2 units provided by Eurogeographics to geoposition historical population figures: Latvia, Poland, Lithuania, Turkey, England, Wales, Scotland.</p>
	Procedure to obtain data	
	Details on definitions/methodologies	
	Costs	
Data availability	For which years are data available ?	1961, 1971, 1981, 1991, 2001, 2011
	Lowest level available	LAU2, except Portugal, Slovenia and Denmark (LAU1)
	Frequency of updates	Every 10 years
	Foreseen next delivery	A new delivery would be possible from 2023
Data harmonisation	Have the data been harmonised?	Yes, partly. See above.
	<i>If yes: Provide original dataset in original geometry</i>	
	<i>Provide full transformation methodology</i>	
	<i>If ratios have been applied, provide conversion table</i>	
Spatial transformations	Original dataset has undergone spatial transformation?	Yes, partly. See above.
	<i>If yes: Provide original dataset in original geometry</i>	
	<i>Provide full transformation methodology</i>	
	<i>If ratios have been applied, provide conversion table</i>	
	<i>Describe GIS command used</i>	

CATI ou UNIGE_ESPON:

questionne notre ambition, la finalité et la visibilité que l'on veut donner à notre projet ...

	UNIGE_ESPON	CATI
Forces	<ul style="list-style-type: none">• Echelle Européenne => intérêt public large = visibilité• Metadata de bonne qualité• Appartient à UNIGE• Croisement de délimitations et de données• Facilement intégrable aux nomenclatures Eurostat / Ramon	<ul style="list-style-type: none">• Grand nombre de couches de données utilisables grâce au SITG• Précision (sous-secteurs)
Faiblesses	<ul style="list-style-type: none">• Nombre relativement limité de données• Dépend de grands projets pour les updates• Puissance de calcul ???	<ul style="list-style-type: none">• Limité à Genève (données SITG) => intérêt utilisateurs limité• Metadata manquantes, manque de rigueur• Problème de nomenclature pour données (très) spécifiques• Problème de diffusion pour certaines données et cartes

Des sites web de carto en ligne pour donner des idées...

Un atlas de bonne qualité sémiologique, mais de cartes préfabriquées:

<http://aire.ums-riate.fr/fr#content/index.fr.php>

Un atlas de mauvaise qualité sémiologique (et autres), mais qui a le mérite de calculer en temps réel les requêtes (sur la base de données des 120'000 communes que je vous ai présentée, mais également des régions NUTS):

<http://81.47.175.201/etms-project/index.php/this-big-city/etms-data-analysis-in-maps>