
Annex 6 – Note about the NUTS regions

ISARE Project

Correspondence between “Isare health regions” and NUTS

-
Third version - February 2004

- **For 10 countries out of fifteen, There is an exact concordance between the NUTS levels and the health regions used in the Isare project**

Country	Isare Health Region	NUTS	
		Level	Name
Austria	Bundesländer	2	Bundesländer
Belgium	Provincies/Province	2	Provincies/Province
Danemark	Amtskommuner	3	Amter
France	Région	2	Région
Germany	Land	1	Land
Italy	Regioni i Provincia autonoma	2	Regioni
Luxembourg	National level	2	Luxembourg
Spain	Autonomous communities	2	Comunidades y ciudades autónomas
Sweden	County	3	County

- **For the United Kingdom, the health region were defined only for part of the country but with an exact concordance between NUTS leves and ‘Isare health regions’**

The “Isare health regions were defined for England. They are the "government office regions" which corresponds to the NUTS 1 level. No Health regions were defined for Wales and Scotland.

For England, The definition of the health region have changed between the two phases of the Isare project due to a reform of the English health system. The Isare 1 recommendation to choose the 99 health authorities which didn't correspond to a NUTS level was changes and for Isare 2, it's the Government office regions (NUTS1) which have been used..

- **In one country, the “Isare health regions” corresponds to groups of NUTS or LAU**

Ireland

The « Health Boards » choosen as health regions for the Isare project are either NUTS 3, either grouping of LAU 1. The following table give information about those correspondences.

It's possible to build the two NUTS 2 levels for Ireland by merging data coming from 8 Health Board.

Health Board	NUTS 3 Regional authority regions	LAU1 Counties / County Borough
Eastern Regional Health Authority		Dublin, Kildare, Wicklow
Midland	Midland (IE012)	
Mid Western	Mid Westr (IE023)	
North Eastern		Meath, Cavan, Monaghan, Louth
North Western		Donegal, Sligo, Leitrim
South Eastern	South East (IE024)	
Southern	South West (IE025)	
Western	West (IE013)	

- **For the four other countries, the “Isare health regions” corresponds to other combinations.**

Greece

The reform of the health system in Greece established 17 health regions. Ten of them corresponds exactly to the “Periferies” (NUTS 2). The seven others are divisions of the 3 remaining “Periferies”, 2 of them are NUTS 3 and 2 grouping of NUTS 3.

It’s possible to build up the 13 NUTS 2 of Greece by merging data from the 17 Health Regions.

Health Region	NUTS
A health region Attiki	Subdivision of Attiki (GR30), Probably grouping of LAU1
B health region Attiki	Subdivision of Attiki (GR30), Probably grouping of LAU1
C health region Attiki	Subdivision of Attiki (GR30), Probably grouping of LAU1
A health region of Central Macedonia	Grouping of : Kilkis (GR123), Serres (GR126), Chalkidiki (GR127)
B health region of Central Macedonia	Grouping of : Imathia (GR121) Thessaloniki (GR122) Pella (GR124) Pieria (GR125)
A health region of South Aegean	Kyklades (GR422)
B health region of South Aegean	Dodekanisos (GR421)

Notice that, in the second phase of the Isare project, the data were often grouped according to the 3 corresponding “Periferies” for those seven health regions.

Portugal

For the 5 health region in Portugal, only one corresponds exactly to the NUTS 3 level : Algarve (PT150); the other four remaining regions doesn’t correspond neither to a NUTS 2, nor to a NUTS 3.

Except for Algarve, building up NUTS level from the health regions is not possible.

Finland

The health regions are hospitals districts. They are 21 : 12 corresponds to NUTS 3 and 9 to other levels

It's possible for Finland to build up 3 out of the 5 NUTS 2 levels by merging the 21 hospital districts.

Hospitals districts	Nuts
Helsinki ja Uusimaa	<i>Uusimaa (FI181)+part of Itä-Uusimaa (FI182)</i>
Varsinais-Suomi	<i>Varsinais-Suomi (FI183)</i>
Satakunta	<i>Satakunta (FI191)</i>
Kanta-Häme	<i>Kanta-Häme (FI184)</i>
Pirkanmaa	<i>Pirkanmaa (FI192)</i>
Päijät-Häme	<i>Päijät-Häme (FI185) + part of Itä-Uusimaa (FI182) + part of Kymenlaakso(FI186)</i>
Kymenlaakso	<i>part of Kymenlaakso (FI186)</i>
Etelä-Karjala	<i>part of Etelä-Karjala (FI187)</i>
Etelä-Savo	<i>part of Etelä-Savo (FI131) part of Etelä-Savo (FI131)</i>
Itä-Savo	<i>+ part of Pohjois-Karjala (FI133) + part of Etelä-Karjala (FI187)</i>
Pohjois-Karjala	<i>part of Pohjois-Karjala (FI133) + part of Etelä-Savo FI131</i>
Pohjois-Savo	<i>Pohjois-Savo (FI132)</i>
Keski-Suomi	<i>Keski-Suomi (FI193)</i>
Etelä-Pohjanmaa	<i>Etelä-Pohjanmaa (FI194)</i>
Vaasa	<i>Pohjanmaa (FI195)</i>
Keski-Pohjanmaa	<i>Keski-Pohjanmaa (FI1A1)</i>
Pohjois-Pohjanmaa	<i>Pohjois-Pohjanmaa (FI1A2)</i>
Kainuu	<i>Kainuu (FI134)</i>
Länsi-Pohja	<i>part of Lappi (FI1A3)</i>
Lappi	<i>part of Lappi (FI1A3)</i>
Ahvenanmaa	<i>Åland (FI200)</i>

The Netherlands

The “Isare health regions” are the GGD. They are 40. : 5 corresponds to “COROP Regio’s” (NUTS 3) and 3 to groups of “COROP Regio’s” (NUTS 3). The 32 remaining GGD corresponds to other divisions. Notice that the number of GGD and there limits can change from one year to another.

For the Netherlands, it’s possible to build up 10 out of the 12 NUTS 2 by merging the 40 GDD.

GGD	NUTS
Gemeente Den Haag, Dienst OCW,GGD	<i>part of Agglom.'s-Gravenhage (NL332)</i>
GG en GD Amsterdam	<i>part of Groot-Amsterdam (NL326)</i>
GG en GD Utrecht	<i>part of Utrecht (NL31)</i>
GGD Amstelland - De Meerlanden	<i>part of Groot-Amsterdam (NL326)</i>
GGD Drenthe	Noord-Drenthe (NL131), Zuidoost-Drenthe (NL132) Zuidwest-Drenthe (NL133)
GGD Eemland	<i>part of Utrecht (NL31)</i>
GGD Eindhoven	<i>part of Zuidoost-Noord-Brabant (NL414)</i>
GGD Flevoland	Flevoland (NL23)
GGD Fryslân	Noord-Friesland (NL121) Zuidwest-Friesland (NL122) Zuidoost-Friesland (NL123)
GGD Gooi en Vechtstreek	Gooi En Vechtstreek (NL327)
GGD Hart voor Brabant	<i>Noordoost-Noord-Brabant (NL413)</i> <i>+ part of Midden-Noord-Brabant (NL412)</i>
GGD Kennemerland	<i>Agglom. Haarlem (NL324)</i> <i>IJmond (NL323)</i> <i>+ part of Alkmaar E.O. (NL322)</i>
GGD Kop van Noord-Holland	<i>part of Kop Van Noord-Holland (NL321)</i>
GGD Midden-Holland	<i>part of Groot-Rijnmond (NL335)</i> <i>+ part of Oostelijk-Zuid-Holland (NL334)</i>
GGD Midden-Nederland	<i>part of Utrecht (NL31)</i>
GGD Nieuwe Waterweg Noord	<i>part of Groot-Rijnmond (NL335)</i>
GGD Noord- en Midden-Limburg	Noord-Limburg (NL421) + Midden-Limburg(NL422)
GGD Noord-Kennemerland	<i>part of Alkmaar E.O. (NL322)</i>
GGD Noordwest-Veluwe	<i>part of Veluwe (NL221)</i>
GGD Oostelijk Zuid-Limburg	<i>part of Zuid-Limburg (NL423)</i>
GGD Regio Achterhoek	<i>part of Achterhoek (NL222)</i>
GGD Regio IJssel-Vecht	Noord-Overijssel (NL211)

Table continue next page

Continuation of the table

GGD	NUTS
GGD Regio Nijmegen	<i>part of Zuidwest-Gelderland (NL224)</i> + <i>part of Arnhem-Nijmegen (NL223)</i>
GGD Regio Stedendriehoek	<i>Zuidwest-Overijssel (NL212)</i> + <i>part of Veluwe (NL221)</i> + <i>part of Achterhoek (NL222)</i>
GGD Regio Twente	Twente (NL213)
GGD Rivierenland	<i>part of Zuidwest-Gelderland (NL224)</i>
GGD Rotterdam e.o.	<i>part of Groot-Rijnmond (NL335)</i>
GGD West-Brabant	<i>West-Noord-Brabant (NL411)</i> + <i>part of Midden-Noord-Brabant (NL412)</i>
GGD Westelijke Mijnstreek	<i>part of Zuid-Limburg (NL423)</i>
GGD West-Friesland	<i>part of Kop Van Noord-Holland (NL321)</i>
GGD Zaanstreek/Waterland	<i>Zaanstreek (NL325)</i> + <i>part of Degroot-AMSTERDAM (NL326)</i>
GGD Zeeland	Overig Zeeland (NL342) + Zeeuwsch-Vlaanderen (NL341)
GGD Zuidelijk Zuid-Limburg	<i>part of De Zuid-LIMBURG (NL423)</i>
GGD Zuid-Holland Noord	<i>Agglom. Leiden (NL331)</i> + <i>part of Oostelijk-Zuid-Holland (NL334)</i>
GGD Zuid-Holland Zuid	Zuidoost-Zuid-Holland (NL336)
GGD Zuid-Hollandse Eilanden	<i>part of Groot-Rijnmond (NL335)</i>
GGD Zuidoost-Brabant	<i>part of Zuidoost-Noord-Brabant (NL414)</i>
Hulpverlening Gelderland Midden	<i>part of Veluwe (NL221)</i> + <i>part of ARNHEM-NIJMEGEN (NL223)</i>
GGD Groningen	<i>Oost-Groningen (NL111)</i> + <i>Delfzijl E.O. (NL112)</i> + <i>Overig Groningen (NL113)</i>
Zuid-Holland West	<i>part of Agglom. 's-Gravenhage (NL332)</i> + <i>Delft En Westland (NL333)</i> + <i>part of Groot-Rijnmond (NL335)</i>

This report was produced by a contractor for Health & Consumer Protection Directorate General and represents the views of the contractor or author. These views have not been adopted or in any way approved by the Commission and do not necessarily represent the view of the Commission or the Directorate General for Health and Consumer Protection. The European Commission does not guarantee the accuracy of the data included in this study, nor does it accept responsibility for any use made thereof.