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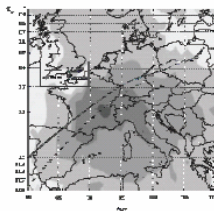
Annex 2

Summary of Data Collection

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Etude de l'impact de la canicule d'août 2003 sur la population européenne

(EU Community Action Programme for Public Health,
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2003 Heat Wave Project
La Canicule de 2003 en Europe

(In English)

Data summary

We principally adopted the list of Eurostat contact (Eurostat partnership on health statistics). For all sixteen designated European countries, the letter of data request was firstly sent on 12 June 2006. Most of the countries sent the data to us without tabulation, such as Austria, Belgium, Czech Republic, France, Italy, Switzerland, and Slovenia. So the dataset has to be reprocessed in order to create a column for « number of death » (and not one line by individual). Data cleaning processes and manipulations were set upon the receipt of the data. Nevertheless, in order to ensure the data quality and consistency, we cross check the total number of monthly mortality with that of Eurostat.

Table 1 shows the summary of the data collection indicating the receipt date of dataset, the format of dataset, the reference period (1998-2002) and the latest available period (from 2003 to 2004/5). It also summarizes whether NUTS 2 area is provided and the amount of payment. Table 2 provides a list of data providers.

For Austria: Ms. Barbara Leitner (Eurostat Contact). The dataset amounted to 201Euros. The last e-mail was on 4 July 2006. Nine NUTS 2 areas are provided. The number of monthly mortality is exactly as the same as that of Eurostat.

For Belgium: Mr. Herman van Oyen and Ms. Bianca Cox (are not in the Eurostat Contact). The data was free. The last e-mail was on 23 August 2006. Twelve NUTS 2 areas are provided. Initially, we found some problem of the dataset that did not yield the same total number of monthly mortality as shown in Eurostat. It was because the dataset we received only covering the persons died in Belgium. Therefore, we contacted Ms. Cox again and confirmed with her the same monthly mortality totals on 19th January 2007.

For Croatia: Mr. Robert Jurak and Ms. Maga Francic (not Eurostat Contact). The dataset firstly amounted to 2,500Euros. Then, a rebate letter was sent. Mr. Jurak replied to us with a new offer (60Euros) but with a wrong payer. After fixing this problem, we finally paid 300Euros for the requested data. Due to the fact that Mr. Jurak was seriously ill, our request was tardily transferred to Ms. Francic. Consequently, the data was obtained on 8 December 2006. There is no NUTS2 area in Croatia, only NUTS1 or NUTS3. The data was given with NUTS3, so it was regrouped by NUTS2 area. The total number of monthly mortality is exactly as the same as that of Eurostat.

For Czech Republic: Ms. Terezie Kretschmerova (Eurostat Contact). The data was free of charge. The last e-mail was on 20 June 2006. Eight NUTS 2 areas are provided in the dataset. There is no discrepancy of the total number of monthly mortality between Eurostat and our dataset.

For Denmark: Mr. Jesper Marcussen (Eurostat Contact). The dataset amounted to 536Euros. We obtained it on 25 October 2006. When we cross checked the number of monthly mortality

with that of Eurostat, we found some minor discrepancy in the dataset. We have contacted Mr. Marcussen again, but no reply is received from him so far related to this issue of the discrepancy. The dataset is provided only for NUTS1.

For France: We firstly contacted Mr. Gérard Pavillon (Eurostat Contact) whom later transferred our request to Mr. Eric Jouglu (his director, the right contact). The dataset with a CD-ROM format was received in August 2006. The dataset was free of charge. There is a slight discrepancy of the total number of monthly mortality between Eurostat and our dataset. However, the dataset we received is exactly as the same as that of CépiciDc. The slight discrepancy with Eurostat is due to the fact that the dataset for Eurostat comes from INSEE. Twenty-two NUTS2 areas are provided in the dataset.

For Germany: We have initially contacted Mr. Torsten Schelhase (Eurostat Contact) whom forwarded our email to Mr. Stefan Rübenach (the right contact). At the beginning, the dataset amounted to 6,500Euros because it was explained that the dataset was gathered individually from sixteen Länders in Germany. The requested data is compiled on our research purpose. Nevertheless, a rebate letter was sent to Mr. Rübenach. A reduction of the payment was given. We finally paid 5,500Euros and received the full dataset on 12 December 2006. The total number of monthly mortality is exactly as the same as that of Eurostat. Sixteen NUTS 2 areas are provided in the dataset.

For Italy: Ms. Silvia Bruzzone (Eurostat Contact) is the right person-in-charge of ISTAT. We obtained the data (1998-2003) on 29 September 2006 without any charge. However, the total number of monthly mortality was not as the same as that of Eurostat. As explained by Ms. Bruzzone, the major reason is due to the fact that we received only the data with the day of known deaths. Thus, the dataset we received from ISTAT comprises fewer deaths than that of Eurostat. When we compared to the total number of monthly mortality computed by ISTAT, there is also a slight discrepancy due to missing data on sex and month of death. The 2004 daily mortality data will be available in April 2007.

For Luxemburg: We firstly contacted Dr. Yolande Wagener (Eurostat Contact) whom transferred our email to Mr. Guy Weber (the right contact). We received the data on 14 November 2006 without any charge. There is some discrepancy of the total number of monthly mortality between Eurostat and our dataset from Mr. Weber. But the number of monthly mortality is in line with that of the data provider. The dataset is provided only for NUTS1.

For Netherlands: We have contacted Ms. Ingeborg Deerenberg (Eurostat Contact) whom forwarded our request to Mr. Carel Harmsen (the right contact). Initially, the dataset amounted to 1,157Euros. However after the rebate letter was sent, the cost of dataset reduced to 261Euros. The whole set of data was received on 16 November 2006. The total number of monthly mortality is congruent with that of Eurostat. The dataset is provided only for NUTS1 area.

For Poland: The first contact was Ms. Lucyna Nowak (Eurostat Contact) but who transferred our email to Mr. Artur Satora (the right contact). Before the rebate letter was sent, the dataset amounted to 1,130Euros. After it was sent, the data was free of charge. The dataset with a CD-ROM format was received by the end of December 2006 with only NUTS3 area. The dataset was reprocessed to NUTS2 area afterwards. Sixteen NUTS2 areas are compiled. The total number of monthly mortality is exactly as the same as that of Eurostat.

For Portugal: We firstly contacted Ms. Judite Catarino who was not the right contact, so we later contacted Dr. Carlos Mathias Dias who forwarded our email to Mr. Victor Garcia. The person who replied was Ms. Eduarda Góis (she works with Mr. Victor Garcia). A full set of requested data was received on 28 September 2006. The data was free of charge. Seven NUTS2 areas are provided in the dataset. Although the total number of monthly mortality provided is different from that of Eurostat, we have the same totals as given by our data provider. As explained, the monthly mortality data covers only those who died in Portugal with residence. Those who died outside abroad with residence are excluded. This can explain the discrepancy of the total number of monthly mortality between Eurostat and our dataset.

For Slovenia: We contacted Ms. Josica Selb who later forwarded our reply to the director of the Institute and the Chief of the Statistical Unit. We obtained a reply from Mr. Tatjana Rokavec with the supply of data on 10 November 2006. The dataset amounted to 700Euros and was provided only for NUTS1 area. There is no discrepancy of the total number of monthly mortality between Eurostat and our dataset.

For Spain: Ms. Raquel Álvarez Esteban (Eurostat Contact) was the right contact. The dataset with a CD-ROM format was received by the end of September 2006. The dataset was compiled for nineteen NUTS2 areas. It cost 361Euros. The total number of monthly mortality is exactly as the same as that of Eurostat.

For Switzerland: We firstly contacted Mr. Christoph Junker who forwarded our request to his team members. A form of protection data contract was signed and returned to them. The person who proceeded our data request was at the e-mail of Dominik.ullmann@bfs.admin.ch. The dataset was received on 9 October 2006 without any charge. Twenty-six NUTS2 areas are divided in the dataset. There is a slight discrepancy of the total number of monthly mortality between Eurostat and our dataset, but the result is in line with that of our data provider.

For United Kingdom: Ms. Clare Griffiths (Eurostat Contact) provided the dataset on 24 August 2006. It cost 220Euros. Thirty-two NUTS2 areas are compiled in the dataset. Compared to the total number of monthly mortality with Eurostat, we found we had fewer total number of monthly mortality given by ONS. It is because the dataset we received covers only for England and Wales, not for the United Kingdom. However, when we compared those of 1998-2001 from ONS website, the annual numbers of mortality data are consistent with the ones we received.

Table 1. the summary of the data collection

Country	First contact	2nd contact	date data	kind of data	available years	nuts2	proposal	money	problems
Austria	Ms LEITNER	Ms LEITNER	23/06/2006	txt	1998-2005	ok		201 euros	
Belgium	Herman/ Bianca	Herman/ Bianca	23/08/2006	txt	1998-2005	ok		free	
Croatia	stat.info@dzs.hr	Barica Matko		xls	1998-2005	ok	2500 euros	300 euros	
Czech Republic	Ms KRETSCHMEROVÁ	Ms KRETSCHMEROVÁ	20/06/2006	access file	1998-2005	ok		free	
Denmark	Mr MARCUSSEN	Peder Ottosen		xls	1998-2005	nuts1		536 euros	
France	Mr PAVILLON	Eric JOUGLA	15/08/2006	text file	1998- 2004	ok		free	
Germany	Mr SCHELHASE	Stefan Rübenach		xls	1998-2005	ok	6500 euros	5500 euros	
Italy	Ms BRUZZONE	Ms BRUZZONE		prn	1998- 2003	ok		free	
Luxembourg	Dr. WAGENER	Guy WEBER		xls	1998-2005	nuts1		free	
Netherlands	Mrs DEERENBERG	Carel HARMSSEN		sav	1998-2005	nuts1	1157 euros	261 euros	
Poland	Ms NOWAK	MARZEC Dorota		xls	1998-2005	nuts3	1130 euros	free	problem: nuts3
Portugal	Ms CATARINO	Eduarda Gois	20/09/2006	xls	1998-2005	ok		free	
Slovenia	Dr. ŠELB ŠEMRL			sav	1998-2005	nuts1		700 euros	
Spain	Ms ALVAREZ-ESTEBAN	Ms ALVAREZ-ESTEBAN	18/09/2006	asc	1998- 2004	ok		361 euros	
Switzerland	Dr. JUNKER	Dominik Ullmann		txt	1998-2005	ok		free	
United Kingdom	Ms Clare GRIFFITHS	Mike KELLEHER	24/08/2006	access	1998- 2004	ok		150 £ (220 €)	

Table 2. a list of data providers in sixteen European countries for canicule project

country	name	address	e-mail
Austria	Ms. Barbara Leitner	Statistik Österreich Direktion Bevölkerung Guglgasse 13 A - 1110 Wien, Austria	Barbara.Leitner@statistik.gv.at
Belgium	Mr. Herman van Oyen Ms. Bianca Cox	Scientific Institute of Public Health (IPH) Brussels, Belgium	h.vanoyen@iph.fgov.be Bianca.Cox@iph.fgov.be
Croatia	Mr. Robert Jurak Ms. Mega Francic	Population Statistics Unit Croatian Central Bureau of Statistics Zagreb, Croatia	JurakR@dzs.hr francicm@dzs.hr
Czech Republic	Ms. Terezie Kretschmerova	Czech Statistical Office Demographic Statistics Section Na padesatem 81 100 82 Praha 10, Czech Republic Tel: +420 274 054 063	kretschmerova@gw.czso.cz
Denmark	Mr. Jesper Marcussen Mr. Peder Ottosen	National Board of Health Dept. of Medical Statistics P.O. Box 1881 DK-2300 Copenhagen S, Denmark Tel: +45 72 22 77 06 Fax: +45 72 22 74 15	jmm@sst.dk peo@sst.dk
France	Mr. Eric Jougla	Directeur du CépIdc - IFR69 INSERM 44 Chemin de Ronde 78116 Le Vésinet CEDEX, France Tel: +33 0134802430 (secretariat) Fax: +33 0134802429	Eric.Jougla@vesinet.inserm.fr
Germany	Mr. Stefan Rübenach	Federal Statistical Office	stefan.ruebenach@destatis.de

		Branch Office Bonn Graurheindorfer Str. 198 D - 53117 Bonn, Germany Tel: +49-1888-644-8112 Fax: +49-1888-644-4708	
Italy	Ms. Silvia Bruzzone	Researcher - ISTAT Unit Mortality by cause Division for Statistics and Surveys on Social Institutions Health and Care Section Viale Liegi 13 00198 – Roma, Italy Tel :0039-06-8522.7384 Fax: 0039-06-8522.7601	bruzzone@istat.it
Luxemburg	Mr. Guy Weber	Direction de la sante Villa Louvigny L-2120 Luxembourg Luxemburg Tel : +352 478 55 71	Guy.Weber@ms.etat.lu
Netherlands	Mr. Carel Harmsen	Central Bureau of Statistics Demography department, The Netherlands Tel: + 31 70 337 5235	chmn@cbs.nl
Poland	Mr. Artur Satora	Director of the Dissemination Division Central Statistical Office of Poland Poland	j.czarnecki@stat.gov.pl
Portugal	Mr. Victor Garcia	INE (Instituto Nacional de Estatistica) Victor GARCIA Av. Antonio José de Almeida, 5 P-1078 Lisboa Codex, Portugal Tel: (351) 1 842 61 77	victor.garcia@ine.pt

	Ms. Eduarda Góis	Serviço de Estatísticas das Condições de Vida INE - Departamento de Estatísticas Sociais Head of Living Conditions Statistics Unit INE-P / Social Statistics Department Tel: +351 218 426 237 Fax: +351 218 426 365	eduarda.gois@ine.pt
Slovenia	Ms. Jozica Selb	Institute of Public Health of the Republic of Slovenia Trubarjeva 2 SI – 1000 Ljubljana, Slovenia	Jozica.Selb@ivz-rs.si
Spain	Ms. Raquel Álvarez Esteban	Instituto Nacional De Estadística, Pº Castellana, 183 E-28043 Madrid, Spain	ralvaes@ine.es
Switzerland	Mr. Christoph Junker	Section de la santé Espace de l'Europe 10 CH-2010 Neufchâtel Switzerland	Christoph.junker@bfs.admin.ch
UK	Ms. Clare Griffiths	Office for National Statistics Health and Care Division - Mortality Statistics 1 Drummond Gate London SW1V 2QQ The United Kingdom	Clare.Griffiths@ons.gsi.gov.uk

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