

Viet Nam

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FilaBavi HDSS INDEPTH Core Dataset 1999-2011

Study Documentation

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Metadata Production

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FilaBavi HDSS INDEPTH Core Dataset 1999-2011

Overview	
Type	Demographic Surveillance
Identification	INDEPTH.VN012.CMD2011.V4
Version	Production Date: 2013-10-22 V4: Updated version <u>Notes</u> Develoed during iSHARE2 workshop
Series	4 rounds a years
<p>Abstract</p> <p>Although Vietnam initiated health sector reform in 1989, attempting to mobilize more resources for health, make the health sector more responsive, and improve equity in healthcare requires good data for formulating and monitoring change. Although there have been some cross-sectional surveys and publications such as the Ministry of Health's "Health Statistics Yearbook", there remained a lack of appropriate data. Thus, in 1996, the Health Systems Research Project (HSRP), a collaboration between Vietnamese and Swedish public health scientists, identified the need for a field site for this purpose. With the assistance of Sida/SAREC, FilaBavi, an epidemiological field laboratory sited in the Bavi District, was created.</p> <p>Many other developing countries have experienced similar problems linked to the lack of appropriate data and information at the community level for policy makers and health managers. After a workshop organized in Dar es Salaam, Tanzania, from 9 to 12 November 1998, a network called INDEPTH (International Network of field sites with continuous Demographic Evaluation of Population and Their Health in developing countries) was constituted, now consisting of 31 sites from 17 countries, including FilaBavi (www.indepth-network.net).</p> <p>FilaBavi's overall aim was to implement a longitudinal epidemiological surveillance system in the Bavi District of Vietnam to generate basic health and healthcare data, supply information for health planning, serve as a background and sampling frame for specific studies, and constitute a setting for epidemiological training of research students. Specific aims included:</p> <ul style="list-style-type: none"> - Developing an epidemiological surveillance system among a representative sample of the population in Bavi District, Hatay Province, Vietnam; - Generating basic health data, e.g. on fertility and mortality, in order to supply information for health planning; - Constituting a setting for epidemiological research training of Vietnamese and Swedish research students; - Providing household and individual background data, a sampling frame, and a professional field organization for specific studies, in order to economize on resources and increase cost effectiveness in research and research training; - Serving as an appropriate research setting for intervention studies, based on findings generated by the field laboratory, and health priority discussions with the community and relevant authorities. 	
Kind of Data	Event history data
Unit of Analysis	Individual

Scope & Coverage

Scope

The Scope of demographic surveillance includes demographic characteristics, households, living conditions, education levels, employment status, migration, fertility, mortality, etc

- Household: Household characteristics, household listing, occupation, education and maternal mortality.
- Individual: Individual listing, education, occupation, marital status and movements.

- Women: Pregnancy monitoring	
Topics	Demography [N01.224], Health [N01.400]
Time Period(s)	1999-2011
Countries	Viet Nam
Geographic Coverage Demographic Surveillance Area	
Universe The entire population in the demographic surveillance area	

Producers & Sponsors	
Primary Investigator(s)	Nguyen Thi Kim Chuc, Ha Noi Medical University
Other Acknowledgment(s)	Ho Dang Phuc

Data Collection	
Data Collection Dates	start 1999-01-01 end 2000-12-31 start 2001-01-01 end 2001-12-31 start 2002-01-01 end 2002-12-31 start 2003-01-01 end 2003-12-31 start 2004-01-01 end 2004-12-31 start 2005-01-01 end 2005-03-31 start 2005-04-01 end 2005-06-30 start 2005-07-01 end 2005-09-30 start 2005-10-01 end 2005-12-31 start 2006-01-01 end 2006-03-31 start 2006-04-01 end 2006-06-30 start 2006-07-01 end 2006-09-01 start 2006-10-01 end 2006-12-31 start 2007-01-01 end 2007-03-31 start 2007-04-01 end 2007-06-30 start 2007-07-01 end 2007-09-30

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Time Period(s)	start 1999-02-28 end 2011-12-31
Data Collection Mode	Face-to-face [f2f]

Data Processing & Appraisal

Other Forms of Data Appraisal

<<copy matrix>>

Accessibility

Access Authority iSHARE2 Help desk (INDEPTH Network) , <http://indepth-ishare.org> , help-data@indepth-network.org

Contact(s) iSHARE2 Helpdesk (INDEPTH Network) , <http://www.indepth-ishare.org/index.php/howtouse> , help-data@indepth-network.org

Confidentiality

This data is anonymised and no confidentiality agreement in addition to the general data use agreement is required.

Access Conditions

This data is made available for licensed access under the following conditions:

1. Data and other material provided by INDEPTH will not be redistributed or sold to other individuals, institutions or organizations without INDEPTH's written agreement.
2. In the case of multi-centre datasets, data originating from a single contributing member centre of the INDEPTH Network may not be analysed or reported on in isolation without the express permission of the member centre concerned.
3. No attempt will be made to re-identify respondents, and there will be no use of the identity of any person or establishment discovered inadvertently. Any such discovery will be reported immediately to INDEPTH.
4. No attempt will be made to produce links between datasets provided by INDEPTH or between INDEPTH data and other datasets that could identify individuals.
5. Any books, articles, conference papers, theses, dissertations, reports or other publications employing data obtained from INDEPTH will cite the source, in line with the citation requirement provided with the dataset.
6. An electronic copy of all publications based on the requested data will be sent to INDEPTH.
7. The original collector of the data, INDEPTH, and the relevant funding agencies bear no responsibility for the data's use or interpretation or inferences based upon it.

Citation Requirements

The FilaBavi Core Micro Data Set 2000-2012. Oct 2013. Provided by the INDEPTH Network Data Repository.
www.indepth-network.org <<http://www.indepth-network.org>>. doi:10.7796/INDEPTH.VN012.CMD2011.V4

Rights & Disclaimer

Disclaimer

The user of the data acknowledges that the original collector of the data, INDEPTH, and the relevant funding agencies bear no responsibility for the data's use or interpretation or inferences based upon it.

Files Description

Dataset contains 1 file(s)

VN012.CMD2011.v4	
# Cases	81053
# Variable(s)	14
<p><u>Processing Checks</u> The following processing checks are done during the ETL process.</p> <ol style="list-style-type: none"> 1. If the first event is legal. Like the first event must be enumeration, birth or immigration. 2. If the last event is legal. Like the last event must be end of observation, death or outmigration. 3. If the transition events are legal. <p>The list of legal transitions:</p> <p>Birth followed by death Birth followed by exit Birth followed by end of observation Birth followed by outmigration</p> <p>Death followed by none</p> <p>Entry followed by death Entry followed by exit Entry followed by end of observation Entry followed by outmigration Enumeration followed by death Enumeration followed by exit Enumeration followed by outmigration</p> <p>Exit followed by entry</p> <p>Immigration followed by Death Immigration followed by exit Immigration followed by end of observation Immigration followed by outmigration</p> <p>End of observation followed by none</p> <p>Outmigration followed by none Outmigration followed by enumeration Outmigration followed by immigration</p> <p>The list of illegal transitions:</p> <p>Birth followed by none Birth followed by birth Birth followed by entry Birth followed by enumeration Birth followed by immigration</p> <p>Death followed by birth Death followed by death</p>	

Death followed by entry
 Death followed by enumeration
 Death followed by exit
 Death followed by immigration
 Death followed by outmigration
 Death followed by end of observation

 Entry followed by none
 Entry followed by birth
 Entry followed by entry
 Entry followed by enumeration
 Entry followed by immigration

 Enumeration followed by none
 Enumeration followed by birth
 Enumeration followed by entry
 Enumeration followed by enumeration
 Enumeration followed by immigration

 Exit followed by birth
 Exit followed by death
 Exit followed by exit
 Exit followed by end of observation
 Exit followed by outmigration

 Immigration followed by none
 Immigration followed by birth
 Immigration followed by entry
 Immigration followed by enumeration
 Immigration followed by immigration

 End of observation followed by birth
 End of observation followed by death
 End of observation followed by entry
 End of observation followed by enumeration
 End of observation followed by exit
 End of observation followed by immigration
 End of observation followed by end of observation
 End of observation followed by outmigration

 Outmigration followed by birth
 Outmigration followed by death
 Outmigration followed by exit
 Outmigration followed by end of observation
 Outmigration followed by outmigration

 List of edited events:

 Exit followed by none
 Exit followed by enumeration
 Exit followed by immigration

 Outmigration followed by entry

Notes
MD5Hash

220987ff615fba1893d73d0d08e4caad

Variables List

Dataset contains 14 variable(s)

File VN012.CMD2011.v4							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	RecNr	RecNr	continuous	numeric.0	81053	0	-
2	CountryId	CountryId	discrete	numeric.0	81053	0	-
3	CentreId	CentreId	discrete	character-5	81053	0	-
4	Individu..	IndividualId	continuous	numeric.0	81053	0	-
5	Sex	Sex	discrete	numeric.0	81053	0	-
6	DoB	DoB	discrete	character	81053	-	-
7	EventCount	EventCount	continuous	numeric.0	81053	0	-
8	EventNr	EventNr	continuous	numeric.0	81053	0	-
9	EventCode	EventCode	discrete	character-3	81053	0	-
10	EventDate	EventDate	discrete	character	81053	-	-
11	Observat..	ObservationDate	discrete	character	81049	-	-
12	LocationId	LocationId	continuous	numeric.0	81015	38	-
13	MotherId	MotherId	continuous	numeric.0	2703	78350	-
14	DeliveryId	DeliveryId	discrete	numeric.0	2693	78360	-

Variables Description

Dataset contains 14 variable(s)

File : VN012.CMD2011.v4**# RecNr: RecNr****Information** [Type= continuous] [Format=numeric] [Range= 1-81053] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-] [Mean=40527 /-] [StdDev=23398.13 /-]**Definition** A sequential number uniquely identifying each record in the data file**# CountryId: CountryId****Information** [Type= discrete] [Format=numeric] [Range= 704-704] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-]**Definition** ISO 3166-1 numeric code of the country in which the surveillance site is situated

Value	Label	Cases	Percentage
704		81053	100.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.***# CentreId: CentreId****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-]**Definition** An identifier issued by INDEPTH to each member centre of the format CCCSS, where CCC is a sequential centre identifier and SS is a sequential identifier of the site within the centre in the case of multiple site centres

Value	Label	Cases	Percentage
VN012		81053	100.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.***# IndividualId: IndividualId****Information** [Type= continuous] [Format=numeric] [Range= 2-75439] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-] [Mean=37634.516 /-] [StdDev=21761.066 /-]**Definition** A number uniquely identifying all the records belonging to a specific individual in the data file. This number is not be the same as the identifier used by a contributing centre to identify the individual.**# Sex: Sex****Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-]**Definition** Sex of the individual. 1 for Male and 2 for Female

Value	Label	Cases	Percentage
0	Unknown	0	
1	Male	33832	41.7%
2	Female	47218	58.3%
9		3	0.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.***# DoB: DoB****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-]**Definition** The date of birth of the individual. Format: YYYY/MM/DD**# EventCount: EventCount****Information** [Type= continuous] [Format=numeric] [Range= 2-23] [Missing=*]**Statistics [NW/ W]** [Valid=81053 /-] [Invalid=0 /-] [Mean=3.908 /-] [StdDev=1.752 /-]

File : VN012.CMD2011.v4

EventCount: EventCount

Definition The total number of events associated with this individual in this data set

EventNr: EventNr

Information [Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]

Statistics [NW/ W] [Valid=81053 /-] [Invalid=0 /-] [Mean=2.454 /-] [StdDev=1.488 /-]

Definition A number increasing from 1 to EventCount for each event record in order of event occurrence

EventCode: EventCode

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=81053 /-] [Invalid=0 /-]

Definition A code identifying the type of event that has occurred.

Value	Label	Cases	Percentage
BTH	Birth	1457	1.8%
DLV	Deliver	1246	1.5%
DTH	Death	3602	4.4%
ENT	Entry	3092	3.8%
ENU	Enumeration	17070	21.1%
EXT	Exit	3092	3.8%
IMG	In-Migration	7172	8.8%
OBE	Observation End	23366	28.8%
OBL	Last Observation	0	
OBS	Observation	0	
OMG	Out - Migration	20956	25.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

EventDate: EventDate

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=81053 /-]

Definition The date on which the event occurred. Format: YYYY/MM/DD

ObservationDate: ObservationDate

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=81049 /-]

Definition Date on which the event was observed (recorded), also known as surveillance visit date. Format: YYYY/MM/DD

LocationId: LocationId

Information [Type= continuous] [Format=numeric] [Range= 1-15692] [Missing=*]

Statistics [NW/ W] [Valid=81015 /-] [Invalid=38 /-] [Mean=7811.545 /-] [StdDev=4516.234 /-]

Definition Unique identifier associated with a residential unit within the site and is the location where the individual was or became resident when the event occurred. This identifier is not be the same as the identifier used internally by the contributing centre.

MotherId: MotherId

Information [Type= continuous] [Format=numeric] [Range= 108-75346] [Missing=*]

Statistics [NW/ W] [Valid=2703 /-] [Invalid=78350 /-] [Mean=37884.449 /-] [StdDev=21653.483 /-]

Definition The IndividualId of the mother. Only provided for BTH events.

File : VN012.CMD2011.v4**# DeliveryId: DeliveryId****Information** [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]**Statistics [NW/ W]** [Valid=2693 /-] [Invalid=78360 /-]**Definition** The RecNr of the delivery event associated with this birth

Value	Label	Cases	Percentage
1		2216	82.3%
2		437	16.2%
3		34	1.3%
4		5	0.2%
5		1	0.0%
Sysmiss		78360	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.