

**Philippines**

**2015 Updating of Nutritional Status of Filipino  
Children and other Population Groups:  
Maternal Health and Nutrition Component**

**Data Documentation**

February 2019

## ***2015 Updating of Nutritional Status of Filipino Children and other Population Groups: Maternal Health and Nutrition Component***

### **2015 Updating Survey Management Team**

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### **Overview**

<b>Producer</b>	Department of Science and Technology - Food and Nutrition Research Institute (DOST - FNRI)
<b>Identification</b>	DDI-PHL-FNRI-UPS-2015-MHNSC-v01
<b>Version</b>	Production Date: 2019-02
<p>Maternal Health and Nutrition Component provides data to describe the nutritional status of Filipino pregnant, lactating mothers and mothers of children 0-36 months old. It also presents health practices during pregnancy, at birth, and during post-natal including knowledge and practices of mothers on breastfeeding and complementary feeding of young children. The results on maternal health practices, although not a designated official statistics, are being used in identifying the progress of national and local government programs on maternal health and nutrition and in analyzing the in-depth causes of malnutrition based on the concept of the first 1000 days.</p> <p><b>Kind of Data</b> Sample survey data</p>	
<b>Unit of Analysis</b>	Individuals

### **Scope & Coverage**

<b>Country</b>	Philippines
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<b>Geographic Coverage</b>	National, Regional  <i>Regions:</i> National Capital Region Cordillera Administrative Region I-Ilocos II-Cagayan Valley III-Central Luzon IVA-CALABARZON IVB-MIMAROPA V-Bicol VI-Western Visayas VII-Central Visayas VIII-Eastern Visayas IX-Zamboanga Peninsula X-Northern Mindanao XI-Davao Region XII-SOCCSKSARGEN XIII-CARAGA Autonomous Region in Muslim Mindanao
<b>Population</b>  All biological mothers with youngest child 0-36 months and currently pregnant women.	

<b>Sampling</b>
<b>Sampling Procedure</b>  The 2015 Updating Survey (NNS) adopted the 2003 Master Sample (MS) of the Philippine Statistics Authority (PSA). This survey component used four replicates of the 2003 MS to obtain the national, and regional estimates. However, provincial estimates were considered reliable when the coefficient of variations is less than 20%.

<b>Methodology</b>	
<b>Data Collection</b>	Face to face interview was done to all the mothers with children 0-36 months of age to determine their nutritional and health status and identify health seeking behaviors.
<b>Electronic Data Encoding System</b>	Data were encoded using the Electronic Data Encoding System (eDCS) in notebooks/laptops. The eDCS is a web based data entry system specifically designed for the 2015 Updating Survey.
<b>Data Processing and Statistical Analysis</b>	At the central office, the printed output of encoded data (called the proof list) was checked against the edited survey questionnaires. Two rounds of manual

	validations were done. Data cleaning and validation through machine validation was also done to check for errors and outliers. Errors or outliers found were validated with the actual entries/answers in the survey questionnaires. Errors on responses/answers were excluded.
<b>Notes</b>	
The 2015 Updating Survey was divided into three (3) phases. The first leg was conducted in NCR from July to August 2015. The second leg, which covered areas in Luzon, was conducted from August to September 2015. Areas in the Visayas, Mindanao, and BASULTA (Basilan, Sulu, and Tawi-Tawi) were covered in the final leg from September to November 2015.	

<b>Variable Label and Definition</b>		
<b>Variable Name</b>	<b>Variable Label</b>	<b>Variable Definition/Value Labels</b>
regcode	Name of Regions  Codes given to Regions	Refers to the different regions in the country which were coded accordingly:  1 Ilocos 2 Cagayan Valley 3 Central Luzon 5 Bicol 6 Western Visayas 7 Central Visayas 8 Eastern Visayas 9 Zamboanga Peninsula 10 Northern Mindanao 11 Davao Region 12 SOCCSKSARGEN 13 National Capital Region 14 Cordillera Administrative Region 15 ARMM 16 CARAGA 41 CALABARZON 42 MIMAROPA
provcode	Name of Provinces  Codes given to provinces	Refers to the different provinces in the country which were coded accordingly:  1 Abra 2 Agusan Del Norte 3 Agusan Del Sur 4 Aklan 5 Albay 6 Antique 7 Basilan 8 Bataan 10 Batangas 11 Benguet 12 Bohol

<b>Variable Label and Definition</b>		
<b>Variable Name</b>	<b>Variable Label</b>	<b>Variable Definition/Value Labels</b>
		13 Bukidnon
		14 Bulacan
		15 Cagayan
		16 Camarines Norte
		17 Camarines Sur
		18 Camiguin
		19 Capiz
		20 Catanduanes
		21 Cavite
		22 Cebu
		23 Davao (Davao Del Norte)
		24 Davao Del Sur
		25 Davao Oriental
		26 Eastern Samar
		27 Ifugao
		28 Ilocos Norte
		29 Ilocos Sur
		30 Iloilo
		31 Isabela
		32 Kalinga
		33 La Union
		34 Laguna
		35 Lanao Del Norte
		36 Lanao Del Sur
		37 Leyte
		38 Maguindanao
		39 NCR - Manila First District
		40 Marinduque
		41 Masbate
		42 Misamis Occidental
		43 Misamis Oriental
		44 Mountain Province
		45 Negros Occidental
		46 Negros Oriental
		47 North Cotabato
		48 Northern Samar
		49 Nueva Ecija
		50 Nueva Vizcaya
		51 Occidental Mindoro
		52 Oriental Mindoro
		53 Palawan
		54 Pampanga
		55 Pangasinan
		56 Quezon
		57 Quirino
		58 Rizal
		59 Romblon
		60 Western Samar
		61 Siquijor

Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
		62 Sorsogon 63 South Cotabato 64 Southern Leyte 65 Sultan Kudarat 66 Sulu 67 Surigao Del Norte 68 Surigao Del Sur 69 Tarlac 70 Tawi-Tawi 71 Zambales 72 Zamboanga Del Norte 73 Zamboanga Del Sur 74 NCR Second District 75 NCR Third District 76 NCR Fourth District 77 Aurora 78 Biliran 79 Guimaras 80 Sarangani 81 Apayao 82 Compostela Valley 83 Zamboanga Sibugay 97 Isabela City 98 Cotabato City
hhnum	Household Number (Unique identifier; merging variable)	A unique number code given to each of the sample household. Each individual belonging to the same household has similar household identifier. This variable together with the region and province codes are used to merge variable from different nutrition survey components.
member_code	Member Code (Unique identifier; merging variable)	It is a pre-coded membership number of household members.
pnc_avail	Availed Pre-Natal Check-Up	This is whether the mother received or did not received pre-natal check-up from any health professionals during her pregnancy with the reference child, or if she is currently availing pre-natal care if currently pregnant during the time of survey. 0 No 1 Yes 88 Do not Know/ Missing
pnc_months	Month of Pre-Natal Check-Up	Refers to the actual month of pregnancy when the mother had her first pre-natal visit to any health facility. This indicates the proportion of mothers who had their first prenatal check-up during the first trimester period as recommended. 1 1 Month

<b>Variable Label and Definition</b>		
<b>Variable Name</b>	<b>Variable Label</b>	<b>Variable Definition/Value Labels</b>
		2 2 Months 3 3 Months 4 4 Months 5 5 Months 6 6 Months 7 7 Months 8 8 Months 9 9 Months 88 Do not Know/ Missing 99 NA (No pre-natal care)
pnc_ontime	Pre-Natal Check-Up on Time	This is about knowledge of mother on proper timing of first pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
reason_ontime_pnc	Reason for Ontime Pre-Natal Check Up	Reason for On-time Pre-Natal Check Up of the Mother  1 Based on my knowledge 2 Advised by doctor, midwife, nurse 3 Advised by BNS/BHW 4 Advised by relatives/friends/neighbors 5 Seen/read/heard from TV, newspaper, magazine 9 No ANC/ANC not on-time (beyond 3 months) 88 Do not know/Missing 99 NA
reason_delayed_pnc	Reason for Delayed Pre-Natal Check Up	Reason for Delayed Pre-Natal Check Up of the Mother  1 Unknown pregnancy 2 Not Informed/Not Aware 3 No Available Money 4 Health Facility is Very Far 5 Busy/No time/Not interested 6 Others 7 Pregnancy was hid to the Family 88 Do not know/Missing 99 NA

Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
prenatal_ser1	Weight Measurement	This is whether <b>weight</b> was measured or not from the mother during pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser2	Height Measurement	This is whether <b>height</b> was measured or not from the mother during pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser3	BP Treatment	This is whether <b>BP treatment</b> was received or not by the mother during pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser4	Blood Test	This is whether <b>blood test</b> was performed or not during pre-natal visit of the mother  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser5	Urinalysis	This is whether <b>urinalysis</b> was performed or not during pre-natal visit of the mother  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser6	Ultrasound	This is whether <b>ultrasound</b> was performed or not during pre-natal visit of the mother  0 No 1 Yes 88 Do not Know/Missing 99 NA



Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
prenatal_ser7	Vitamins/Micronutrient Supplementation	This is whether <b>vitamins/micronutrient supplementation</b> was received or not by the mother during pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser8	Tetanus Toxoid Vaccine	This is whether <b>tetanus toxoid vaccine</b> was received or not by the mother during pre-natal visit  0 No 1 Yes 88 Do not Know/Missing 99 NA
prenatal_ser9	Nutrition Counseling	This is whether <b>nutrition counseling</b> was received or not by the mother during pre-natal  0 No 1 Yes 88 Do not Know/Missing 99 NA
preg_compli	Had Health Problems Related to Current/Last Pregnancy	These are health complications present during the mother's pregnancy with the reference child or current pregnancy.  0 No 1 Yes 88 Do not Know/Missing
preg_hyper	Health Problems: Hypertension	<b>Hypertension</b> as one type of pregnancy-complication.  0 No 1 Yes 88 Do not Know/Missing 99 NA
preg_diab	Health Problems: Diabetes	<b>Diabetes</b> as one type of pregnancy-complication.  0 No 1 Yes 88 Do not Know/Missing 99 NA
preg_hdis	Health Problems: Heart Disease	<b>Heart diseases</b> one type of pregnancy-complication.  0 No 1 Yes

Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
		88 Do not Know/Missing 99 NA
preg_goit	Health Problems: Goiter	<b>Goiter</b> one type of pregnancy-complication.  0 No 1 Yes 88 Do not Know/Missing 99 NA
preg_asth	Health Problems: Asthma	<b>Asthma</b> one type of pregnancy-complication.  0 No 1 Yes 88 Do not Know/Missing 99 NA
preg_tuber	Health Problems: Tuberculosis	<b>Tuberculosis</b> as one type of pregnancy-complication.  0 No 1 Yes 88 Do not Know/Missing 99 NA
nightblindness	Diagnosed with Nightblindness	This is whether the mother has been diagnosed or not with night-blindness (matang-manok) during her last/current pregnancy. By definition, night blindness refers to impaired vision in dim light and in the dark, due to impaired function of specific vision cells (namely, the rods) in the retina  0 No, did not consult a doctor/nurse/midwife 1 Yes consulted, but was not told to have night blindness 2 Yes consulted and was told to have night blindness 88 Do not Know/Missing 999999 NA
take_vitmin	Take/Currently Taking Vitamins	These were mothers who had taken supplements during her pregnancy with the reference child or are taking supplements during current pregnancy.  0 No 1 Yes 88 Do not Know/Missing
supp1	Ferrous Sulfate	<b>Ferrous Sulfate</b> was taken or not by the mother.  0 No 1 Yes 88 Do not Know/Missing

Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
		99 NA
supp2	Folic Acid	<b>Folic Acid</b> was taken or not by the mother.  0 No 1 Yes 88 Do not Know/Missing 99 NA
supp3	Iron-Folic Acid	<b>Iron-Folic Acid</b> was taken or not by the mother.  0 No 1 Yes 88 Do not Know/Missing 99 NA
supp4	Multivitamins	<b>Multivitamins</b> was taken or not by the mother.  0 No 1 Yes 88 Do not Know/Missing 99 NA
supp5	Single Vitamin/Mineral	<b>Single Vitamin/Mineral</b> was taken or not by the mother.  0 No 1 Yes 88 Do not Know/Missing 99 NA
novitamin_reason	Reason of not taking vitamins during pregnancy	Most frequent/usual reasons of mother for not taking supplements include the following:  1 It is not important 2 Does not like the taste 3 No available vitamins for free 4 No money to buy vitamins 5 Ran out of stock 88 Missing/Do not know 99 NA (currently taking vitamins)
with_postnatal	With postnatal checkup	Right after giving birth the mother had a post-natal check-up after delivery.  0 No 1 Yes 88 Missing/Do not know
practice_postnatal	Practice Post-	This is the participation to post-natal check-up by mothers with

Variable Label and Definition		
Variable Name	Variable Label	Variable Definition/Value Labels
	Natal Check-Up	youngest child 0-36 months (whether pregnant, lactating or not) but not among pregnant women during the time of survey.  0 Did not have post-natal check-up 1 Immediately after birth (<1 hour after delivery) 2 Within 1 - 3 hours after delivery 3 Within 4-24 hours after delivery 4 2 days after delivery 5 More than 2 days after delivery 88 Missing/Do not know
month_bf	Knowledge of Number of Months of Exclusively Breastfeeding	This is about mother's knowledge on proper duration of <b>exclusive breastfeeding</b> . Answers were in actual months.  88 Missing/Do not know
howlong_bfeed	Duration of intended breastfeeding	This is the mother's intention on the duration of breastfeeding  1 not sure how long 2 below 6 months 3 at least 6 months 4 at least 2 years 5 as long as there is milk flow 88 Missing/Do not know 99 NA (no intention to breastfeed)
month_comf	Knowledge When to Give Other Food Other Than Breast Milk	This is about knowledge on proper initiation of complementary feeding. Answers were in actual months.  88 Missing/Do not know
child_vaccine	Knowledge on the need for a child to be vaccinated	This is whether the mother agrees that a child should be vaccinated or not  0 No 1 Yes 88 Missing/Do not know
importance_vaccine	Importance of Vaccination	Possible reasons of mothers why vaccines are important to their children  1 Prevents life threatening diseases 2 Protects the child from infectious diseases 3 Helps the child to be healthy or not to be sickly 4 Others 88 Missing/Do not know 99 NA

<b>Variable Label and Definition</b>		
<b>Variable Name</b>	<b>Variable Label</b>	<b>Variable Definition/Value Labels</b>
wash_hand1	Wash Hand: Before Food Preparation	Practice of hand-washing before food preparation.  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)
wash_hand2	Wash Hand: Before Eating	Practice of hand-washing before eating.  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)
wash_hand3	Wash Hand: After Eating	Practice of hand-washing after eating.  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)
wash_hand4	Wash Hand: After Toilet Use	Practice of hand-washing before feeding the child.  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)
wash_hand5	Wash Hand: Before Feeding the Child	Practice of hand-washing after attending to a child who defecated.  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)
wash_hand6	Wash Hand: After Attending to A Child Who Defecated	Practice of hand-washing after toilet use  0 Never 1 Always 2 Sometimes 88 Missing/Do not know 99 NA (first time pregnant)

<b>Variable Label and Definition</b>		
<b>Variable Name</b>	<b>Variable Label</b>	<b>Variable Definition/Value Labels</b>
psurec	Primary Sampling Unit	Design variables
strrec	Strata Code	Design variables
finalwgt	Sampling Weights	Product of the baseweights, non-response adjustment and post stratification adjustment

<b>Accessibility</b>	
<b>Contact Information</b>	<p><b>Mario V. Capanzana, Ph.D.</b>            Director            Food and Nutrition Research Institute            FNRI Bldg., DOST Compound, Gen. Santos Ave., Bicutan, Taguig City  <a href="http://www.fnri.dost.gov.ph">www.fnri.dost.gov.ph</a>  <a href="mailto:mar_v_c@yahoo.com">mar_v_c@yahoo.com</a>            837-2934, 837-2071 to 81 loc 2284</p>

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