



The Operation *Timbang* Plus Database Management System



5th D/CNPC National Conference
Citystate Tower Hotel, Manila
3-4 November 2015

Outline

- I. Background**
- II. OPT Plus DBMS**
 - a. BNS Tool**
 - b. Municipal/City Tool**
 - c. Provincial Tool**
- III. OPT Plus value added for D/CNPCs**
- IV. Ways forward**

Background of the OPT DBMS

NNC GB Resolution No. 2, Series 2008

“Adoption of the new WHO Child Growth Standards in assessing the nutritional status of children, 0-5 years old, in the Philippines”

The BNS ..

- With the OPT Plus Team, measure all 0-71 mos. children
- To report the results to the B/M/C



OPT Plus

- ▶ measure weight and length (0-23 mos) or height (24-71 mos) of children to report prevalence:

1. Weight-for-age
2. Length/height-for-age
3. Weight-for-length/height

The OPT Plus DBMS

Objectives of the OPT DBMS

1. Strengthen the OPT Plus by improving data quality
 - Encourage recording of all children measured using the database
 - Reduce errors in computation, e.g. age in months, nutritional status
 - Promote improved coverage of OPT Plus reports

Objectives of the OPT DB

2. Improve timeliness of reporting
3. Assist BNSs and nutrition workers in consolidating OPT Plus data

Status of Submission

Indicators	2013		2014	
	No.	%	No.	%
Total no. of areas	1624			
No. of areas with submission	1582	97.4	1523	93.8
No. of areas with poor coverage	691	43.7	761	50.0
No. of areas with undetermined coverage	5	0.3	8	0.5
No. of areas included in the final ranking	886	56.0	754	49.5

OPT Plus Data Users

- NNC
- DOH
- Development Partners
- Nongovernment Organizations
- Research Organizations
- Media
- Academe



REMINDER!

Garbage In, Garbage Out principle (GIGO)

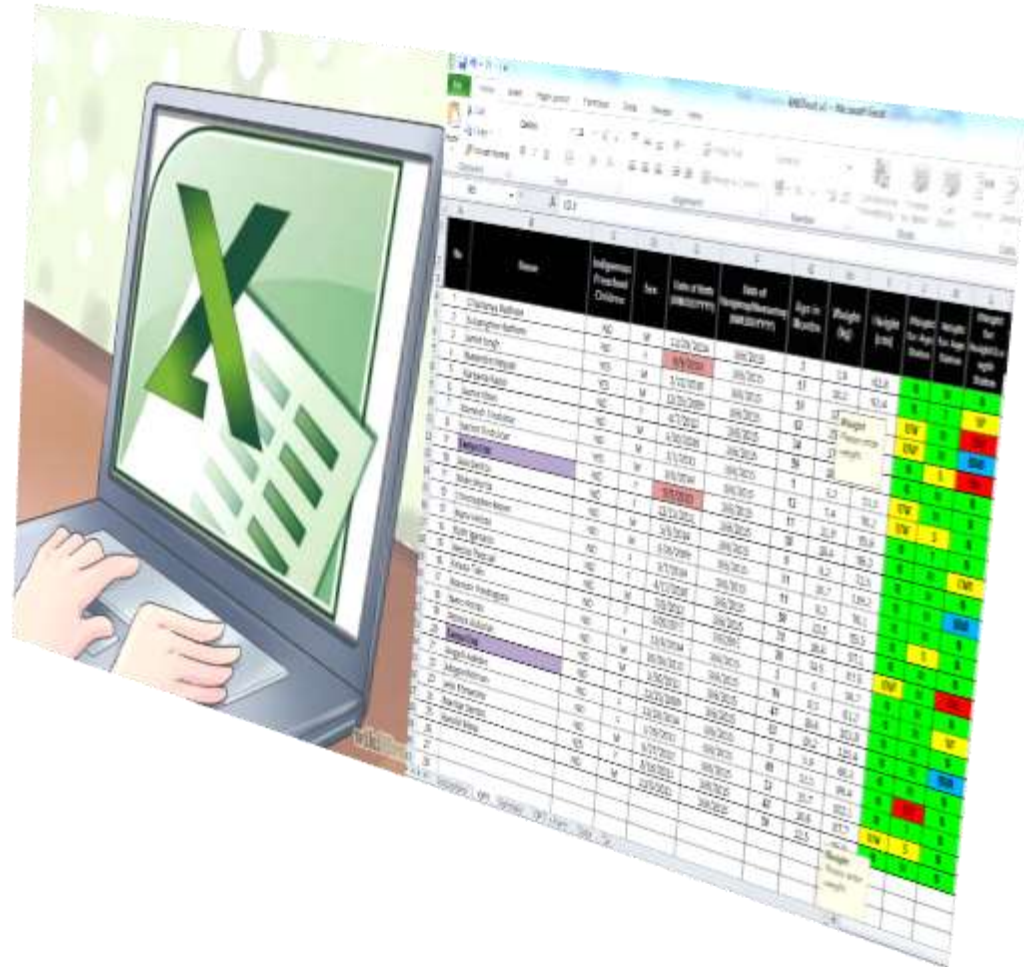


OPT Plus DBMS

- Child's records (name, sex, birthdate, weight and height/length)
- Automatic computation of:
 - age-in-months
 - nutritional status
 - summaries
- Printable OPT Plus formats

OPT Plus DBMS

- ▶ MS Excel based
- ▶ Operates on MS Office



OPT Plus DBMS Tools

- ▶ BNS Tool
- ▶ City/Municipal OPT Plus Tool
- ▶ Provincial OPT Tool

BNS Tool

- Initially designed to aid NET members to compute and determine nutritional status of sample children

No	Name	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)	Weight for Age Status
1	Chaitanya Rathore	M	11/29/2014	3/6/2015	3	7.9	N
2	Subanghee Rathore	F	9/9/2013	3/6/2015	17	10.3	N
3	Jamit Singh	M	5/22/2010	3/6/2015	57	12.7	UW
4	Narendra Nayyar	M	12/25/2009	3/6/2015	62	25.8	OW
5	Kareena Kapor	F	4/7/2012	3/6/2015	34	17.5	N
6	Aamir Khan	M	3/30/2010	3/6/2015	59	18.6	N
7	Ramesh Tindulcar	M	2/1/2015	3/6/2015	1	3.2	UW
8	Sachin Tindulcar	M	3/6/2014	3/6/2015	12	7.4	UW




BNS Tool

- ▶ Evolved into a tool to aid the BNS in conducting OPT Plus) weighing and recording for ease, speed and accuracy

No	Name	Indigenous Preschool Children	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)	Height (cm)	Weight for Age Status	Height for Age Status	Weight for Height/Le ngth Status
1	Chaitanya Rathore	NO	M	11/29/2014	3/6/2015	3	7.9	62.8	N	N	N
2	Subanghee Rathore	NO	F	9/9/2013	3/6/2015	17	10.3	92.4	N	T	W
3	Jamit Singh	YES	M	5/22/2010	3/6/2015	57	12.7	105.3	UW	N	SW
4	Narendra Nayyar	YES	M	12/25/2009	3/6/2015	62	25.8	118.7	OW	N	BMI
5	Kareena Kapor	NO	F	4/7/2012	3/6/2015	34	17.5	82.8	N	S	Ob
6	Aamir Khan	NO	M	3/30/2010	3/6/2015	59	18.6	101.9	N	N	N
7	Ramesh Tindulcar	NO	M	2/1/2015	3/6/2015	1	3.2	51.3	UW	N	N
8	Sachin Tindulcar	YES	M	3/6/2014	3/6/2015	12	7.4	70.2	UW	S	N
9	Tanya Cruz	NO	F	9/9/2013	3/6/2015	17	11.9	95.6	N	T	N
10	Ana Santos	NO	F	12/11/2011	3/6/2015	38	18.4	96.3	N	N	OW
11	Mike Mortiz	NO	M	5/9/2014	3/6/2015	9	8.2	72.5	N	N	N
12	Christopher Reyes	NO	M	3/26/2009	3/6/2015	71	20.7	119.2	N	N	BMI
13	Myra Veloso	NO	F	3/7/2014	3/6/2015	11	8.2	76.1	N	N	N
14	Ruth Iganacio	NO	F	4/17/2010	3/6/2015	58	13.5	95.5	N	S	N
15	Hector Pascual	NO	M	7/8/2012	3/6/2015	31	16.4	97.1	N	N	N
16	Krissa Tullo	NO	F	6/20/2013	3/6/2015	20	14.5	81.6	OW	N	Ob
17	Maricon Piedragoza	NO	F	12/8/2014	3/6/2015	2	6	56.7	N	N	N
18	Nero Porlas	NO	M	10/26/2013	3/6/2015	16	8.5	81.2	N	N	W
19	Patrick Asturias	NO	M	3/30/2011	3/6/2015	47	18.4	101.0	N	N	N
20	Tanya Cruz	NO	F	11/25/2009	3/6/2015	63	19.2	115.4	N	N	BMI

BNS Tool

- ▶ 5 worksheets
 - Instructions, OPT, Summary, OPT+ Form, Copy

25	Harold Miras	NO	M
26			
27			
28			
<div>▶ ▶ Instructions OPT Summary OPT + Form Copy </div>			

BNS Tool

► Instructions

The screenshot displays a spreadsheet application window titled "BNS Tool". The interface includes a standard spreadsheet grid with columns labeled A through Z and rows numbered 10 through 26. The "Instructions" worksheet is active, as indicated by the tab at the bottom. The content of the worksheet is as follows:

Instructions:

The tool has five (5) worksheets which can be seen at the bottom of your screen. They are the

The tool automatically opens the instructions worksheet for the data encoder to read the inst

1. The OPT Sheet

Use the OPT sheet to record the children's profile e.g. name, sex, weight, height, birthday and nutritional status of the child.

- a. Make sure that you fill each line completely, including the name, sex, date of birth, date
- b. If you enter the exact same name twice, the "name" field would turn **purple** to signify th
there are children exactly with the same names.
- c. If you entered a birthdate twice, it would turn **pink** to warn you that you have two entries
born on the same date such as in the case of twins.
- d. This tool has a limit of 5000 entries (5000 children). In the event that you have more than
label them accordingly, e.g. Sta. Catalina 1, Sta. Calina 2 and consolidate accordingly.
- e. After encoding the required information, the age-in-months and nutritional status will a

The bottom of the window shows a tab bar with the following tabs: "Instructions" (selected and circled in red), "OPT", "Summary", "OPT + Form", and "Copy". The status bar at the bottom left indicates "Ready".

BNS Tool

- OPT worksheet – encode name, sex, birthday, date of weighing, weight and height of children are encoded

No	Name	Indigenous Preschool Children	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)	Height (cm)	Weight for Age Status	Height for Age Status	Weight for Height/Le ngth Status
1	Chaitanya Rathore	NO	M	11/29/2014	3/6/2015	3	7.9	62.8	N	N	N
2	Subanghee Rathore	NO	F	9/9/2013	3/6/2015	17	10.3	92.4	N	T	W
3	Jamit Singh	YES	M	5/22/2010	3/6/2015	57	12	Weight Please enter weight	UW	N	SW
4	Narendra Nayyar	YES	M	12/25/2009	3/6/2015	62	25		OW	N	BMI
5	Kareena Kanor	NO	F	11/7/2012	3/6/2015	34	17		N	S	Ob

26

27

28

Instructions OPT Summary OPT + Form Copy

BNS Tool

- Summary worksheet – used to determine total and sub-total of children, by NS, by age group, by sex

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Barangay:				Region:												Coverage (0-59):	0.00%			
2	City/Municipality:				Population:												Coverage (0-71):	0.00%			
3	Province:				Estimated Number of Preschoolers (0-59 months)		0										Estimated Number of Preschoolers (0-71 months)				
4		0-5 Months			6-11 Months			12-23 Months			24-35 Months			36-47 Months			48-59 Months			60-71 Months	
5		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
6	Weight for Age - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Weight for Age - Overweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Weight for Age - Underweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Weight for Age - Severely Underweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Height for Age - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Height for Age - Tall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Height for Age - Stunted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Height for Age - Severely Stunted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Weight for Height/Length - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Weight for Height/Length - Overweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Weight for Height/Length - Obese	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Weight for Height/Length - Wasted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Weight for Height/Length - Severely Wasted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19																					
20	Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Instructions | OPT | **Summary** | OPT + Form | Copy

BNS Tool

▶ OPT + Form worksheet – Form 1A

Republic of the Philippines
Department of Health
NATIONAL NUTRITION COUNCIL

OPT Plus Form 1A. Barangay Tally and Summary Sheet of Preschoolers with Weight & Height Measurement by Age Group, Sex and Nutritional Status
Revised February 2012 Page 1 of 3

Barangay: Sto Domingo Estimated Number of Preschoolers: 0-59 months old 135 0-71 months old 162 **CY 2011** Total Population of Barangay 1000 Source: [REDACTED]
City/Municipality: Iriga City Actual Number of Preschoolers w/height 0-59 months old 22 0-71 months old 25 Year/Period of Measurement 6-Mar-15
Province: Camarines Sur Percent OPT Plus Coverage: 0-59 months old 16.30% 0-71 months old 15.43% **CY 2011** Prevalence Rate U/W & SU/W 40%
Region: V Number of Indigenous PS measured: 0-59 months old 3 0-71 months old 4 Prev Rate of U/W & SU/W: 0-59 mos old 18.2% 0-71 mos. old 16.0%
Indigenous group (specify if applicable): _____

Age Group (1)	Weight for Age Status																	Total, by age group									
	Normal (N)		Underweight (UW)		Severely Underweight (SU)		Overweight (OW)		TOTAL			N		UW		SU		OW									
	Boys (2)	Girls (3)	Boys (4)	Girls (5)	Boys (6)	Girls (7)	Boys (8)	Girls (9)	Boys (10)	Girls (11)	Boys (12)	Girls (13)	Boys (14)	Girls (15)	Boys (16)	Girls (17)	Boys (18)	Girls (19)	Total (20)	No. (21)	Prev (%) (22)	No. (23)	Prev (%) (24)	No. (25)	Prev (%) (26)	No. (27)	Prev (%) (28)
0-5 months (R1)	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	3	75.0	1	25.0	0	0.0	0	0.0
6-11 months (R2)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	100.0	0	0.0	0	0.0	0	0.0
12-23 months (R3)	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	3	60.0	1	20.0	0	0.0	1	20.0
24-35 months (R4)	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	3	100.0	0	0.0	0	0.0	0	0.0
36-47 months (R5)	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	3	75.0	1	25.0	0	0.0	0	0.0
48-59 months (R6)	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	3	75.0	1	25.0	0	0.0	0	0.0
60-71 months (R7)	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	3	2	66.7	0	0.0	0	0.0	1	33.3
Total (R8)	8	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	11	11	22	17		4		0		1	
0-59 mos	9	10	3	1	0	0	0	0	0	0	0	0	1	0	0	0	13	12	25	19		4		0		2	
Prev (%) (R9)	36.4	40.9	13.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	50.0	50.0			77.3		18.2		0.0		4.5
0-71 mos	36.0	40.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	52.0	48.0			76.0		16.0		0.0		8.0

Note: a) R1 means Row No. 1, R2 means Row 2, etc. b) Total (R8) - refers to the sum of preschoolers by nutritional status and by age group. c) Prev (R9) - refers to the prevalence rate by sex, by nutritional status for age group 0-59 months and 0-71 months. d) Prev (R9, 24, 26, 28) - refers to the prevalence rate by total by age group. H: 0-59 months = 13.5 x Total Population. S: 0-71 months = 16.2 x Total Population. S: Refers to previous year prevalence rate of the area.

Use WEIGHT-FOR-LENGTH or WEIGHT-FOR-HEIGHT to correctly determine overweight and obesity

Prepared by: Juana Dela Cruz Checked: Perlita Bautista Approved: Pedro Castro
Name and Signature of Barangay Nutrition Scholar Name and Signature of Midwife/Nurse/District/City Nutrition Program Coordinator Name and Signature of Barangay Captain, BNC Chairperson
Date: 3/15/2015 Date: 3/18/2015 Date: [REDACTED]

Instructions OPT Summary **OPT + Form** Copy

BNS Tool

- ▶ Copy worksheet – used by city/municipal nutrition office to copy barangay data & generate city/municipal data

Clipboard

Font

Alignment

Number

Styles

Cells

Editing

B3

BNS Tool

► Built-in instructions in the workbook

No	Name	Indigenous Preschool Children	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)
7	Ramesh Tindulcar	NO	M	2/1/2015	3/6/2015	1	3.2
8	Sachin Tindulcar	YES	M	3/6/2014	3/6/2015	12	7.4
9	Tanya Cruz	NO	F	9/9/2013	3/6/2015	17	11.9
10	Ana Santos	NO	F	12/11/2011	3/6/2015	38	18.4
11	Mike Mortiz	NO	M	5/9/2014	3/6/2015	9	8.2
12	Christopher Reyes	NO	M	3/26/2009	3/6/2015	71	20.7
13	Myra Veloso	NO	F	3/7/2014	3/6/2015	11	8.2
14	Ruth Iganacio	NO	F	4/17/2010	3/6/2015	58	13.5
15	Hector Pascual	NO	M	7/8/2012	3/6/2015	31	16.4
16	Krissa Tullo	NO	F	6/20/2013	3/6/2015	20	14.5
17	Maricon Piedragoza	NO	F				
18	Nero Porlas	NO	M				
19	Patrick Asturias	NO	M				
20	Tanya Cruz	NO	F				
21	Angeli Adelan	Mangyan					
22							
23							
24							
25							
26							

Invalid entry!



Please enter YES if child is indigenous and NO if not.

Retry

Cancel

Help

[Was this information helpful?](#)

IPsC
Please identify
if child is
indigenous.

BNS Tool

- ▶ Locked worksheets to protect from unnecessary changes

No	Name	Indigenous Preschool Children	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)	Height (cm)	Weight for Age Status	Height for Age Status	Weight for Height/Le ngth Status	Weight for	
												< -2SD	-2SD
1	Chaitanya Rathore	NO	M	11/29/2014	3/6/2015	3	7.9	62.8	N	N	N	5.7	5.7
2	Subanghee Rathore	NO	F	9/9/2013	3/6/2015	17	10.3	92.4	N	T	W	10.9	10.9
3	Jamit Singh												
4	Narendra Nayyar												
5	Kareena Kapor												
6	Aamir Khan												
7	Ramesh Tindulcar												
8	Sachin Tindulcar												
9	Tanya Cruz												
10	Ana Santos	NO	F	12/11/2011	3/6/2015	38	18.4	96.3	N	N	OW	11.9	11.9
11	Mike Mortiz	NO	M	5/9/2014	3/6/2015	9	8.2	72.5	N	N	N	7.5	7.5
12	Christopher Reyes	NO	M	3/26/2009	3/6/2015	71	20.7	119.2	N	N	BMI	18.2	18.2
13	Myra Veloso	NO	F	3/7/2014	3/6/2015	11	8.2	76.1	N	N	N	7.7	7.7
14	Ruth Iganacio	NO	F	4/17/2010	3/6/2015	58	13.5	95.5	N	S	N	11.7	11.7

Microsoft Excel



The cell or chart that you are trying to change is protected and therefore read-only.

To modify a protected cell or chart, first remove protection using the Unprotect Sheet command (Review tab, Changes group). You may be prompted for a password.

OK

BNS Tool

Built-in validation system (double entry;
same birthday)

No	Name	Indigenous Preschool Children	Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)
1	Chaitanya Rathore	NO	M	11/29/2014	3/6/2015
2	Subanghee Rathore	NO	F	9/9/2013	3/6/2015
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4	Narendra Nayyar	YES	M	12/25/2009	3/6/2015
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17	Maricon Piedragoza	NO	F	12/8/2014	3/6/2015
18	Nero Porlas	NO	M	10/26/2013	3/6/2015
19	Patrick Asturias	NO	M	3/30/2011	3/6/2015
20	Tanya Cruz	NO	F	11/25/2009	3/6/2015
21	Angeli Adelan	NO	F	12/18/2014	3/6/2015

Weighing
Please enter
weighing
MM/DD/YYYY


BNS Tool

- ▶ Computations are error-free

Sex	Date of Birth (MM/DD/YYYY)	Date of Weighing/Measuring (MM/DD/YYYY)	Age in Months	Weight (kg)	Height (cm)	Weight for Age Status	Height for Age Status	Weight for Height/Le ngth Status
M	11/29/2014	3/6/2015	3	7.9	62.8	N	N	N
F	9/9/2013	3/6/2015	17	10.3	92.4	N	T	W
M	5/22/2010	3/6/2015	57	12.7	105.3	UW	N	SW
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F	4/17/2010	3/6/2015	58	13.5	95.5	N	S	N
M	7/8/2012	3/6/2015	31	16.4	97.1	N	N	N
F	6/20/2013	3/6/2015	20	14.5	81.6	OW	N	Ob

Municipal/City Tool

- ▶ 6 worksheets (Instructions, Barangays, Encode, Summary, OPT Form, Copy)

23		•Barangay data already appearing in the Barangay Sheet need not be reencoded in this s
24		•If an entry is incomplete it will not be included in the summary. i.e. Number of baranga
25		
◀ ◁ ▷ ▶		Instructions
		Barangays
		Encode
		Summary
		OPT Form
		Copy
		
Ready		

Municipal/City Tool

► Instructions

AM26

Instructions:

The tool has six (6) worksheets which can be seen at the bottom of your screen. They are the **Instructions**,
The tool automatically opens the instructions worksheet.

Instructions sheet: We encourage that you read this instruction sheet before using this tool.

Barangays Sheet: Use the Barangays sheet to record the data lifted from the Copy Sheet of the BNS Tool.

- Each line will occupy data lifted from one (1) barangay only; succeeding lines should be filled up with d
- All barangay data entered will automatically be reflected in the Summary Sheet

Encode: Use this worksheet for submitted barangay OPT Reports using tools other than the BNS Tool (i.e.,

- Data entered in this sheet will also be included in the Summary Sheet.
- Barangay data already appearing in the Barangay Sheet need not be reencoded in this sheet
- If an entry is incomplete it will not be included in the summary. i.e. **Number of barangay population, na**

Summary Sheet: This sheet will automatically summarize all data entered in both the Barangays Sheet and

Instructions Barangays Encode Summary OPT Form Copy

Municipal/City Tool

Barangay worksheet

- ▶ uses data from “Copy sheet” of BNS Tool
- ▶ all barangay data entered reflected in Summary sheet

The screenshot shows an Excel spreadsheet with the following structure:

- Formulas Bar:** Displays 'B4' and the function 'fx'.
- Columns:** Labeled A through P. Column B is highlighted in yellow.
- Row 2:** A red header row with the text '0-5 Months' spanning from column C to column P.
- Row 3:** A red header row with the following labels: 'Population' (under B), 'N' (under C), 'OW' (under D), 'SUW' (under E), 'UW' (under F), 'N' (under G), 'SS' (under H), 'S' (under I), 'T' (under J), 'N' (under K), 'OW' (under L), 'Ob' (under M), 'SW' (under N), 'W' (under O), and 'N' (under P).
- Row 4:** The first data row, with a black cell in column A containing the text 'Barangays' and an empty cell in column B.
- Rows 5 and 6:** Additional empty data rows.

Municipal/City Tool

- ▶ Encode worksheet – enter barangay OPT results submitted in hard copies

Clipboard														Font														Alignment														Number														Styles														Cells														Editing																																																																																																															
A3														fx														Population:																																																																																																																																																																							
A														B														C														D														E														F														G														H														I														J														K														L														M																											
2														Barangay:																												Coverage:																												0.00%																																																																																																																													
3														Population:																												Estimated Number of Preschoolers:																												0																																																																																																																													
4																												0-5 Months														6-11 Months														12-23 Months														24-35 Months																																																																																																																													
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6														Weight for Age - Normal																																										0																																										0																																										0																																																							
7														Weight for Age - Overweight																																										0																																										0																																										0																																																							
8														Weight for Age - Underweight																																										0																																										0																																										0																																																							
9														Weight for Age - Severely Underweight																																										0																																										0																																										0																																																							
10														Height for Age - Normal																																										0																																										0																																										0																																																							
11														Height for Age - Tall																																										0																																										0																																										0																																																							
12														Height for Age - Stunted																																										0																																										0																																										0																																																							
13														Height for Age - Severely Stunted																																										0																																										0																																										0																																																							
14														Height/Length for Weight - Normal																																										0																																										0																																										0																																																							
15														Height/Length for Weight - Overweight																																										0																																										0																																										0																																																							
16														Height/Length for Weight - Obese																																										0																																										0																																										0																																																							
17														Height/Length for Weight - Wasted																																										0																																										0																																										0																																																							

Instructions Barangays Encode Summary OPT Form Copy

Municipal/City Tool

- Summary worksheet – summarizes data from Barangays and Encode worksheets

[illegible]

Municipal/City Tool

▶ OPT + Form worksheet – Form 2A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
5	OPT Plus Form 2A. City/Municipality Summary Report on Operation Timbang																			
6	Page 1 of 3																			
7																				
8	City/Municipality: 0						Total No of Barangays: _____						Actual/Estimated Number of Preschoolers: _____							
9	Province: _____						Total No. of Barangays with OPT Results: _____						Actual Number of Preschoolers Weighed: _____							
10	Region: _____						Weighing period and year: _____						Percent OPT Plus Coverage: 0-59 months: _____							
11																				
12	Age	Weight for Age Status																		
13	Group	Normal (N)				Underweight (UW)				Severely Underweight (SUW)				Overweight (OW)				TOTAL		Total
14		Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls		Boys	Girls	No
15	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
16	0-5																			
17	months	0		0		0		0		0		0		0		0		0		0
18	(R1)																			
19	6-11																			
20	months	0		0		0		0		0		0		0		0		0		0
21	(R2)																			
22	12-23																			
23	months	0		0		0		0		0		0		0		0		0		0
24	(R3)																			

Instructions Barangays Encode Summary OPT Form Copy

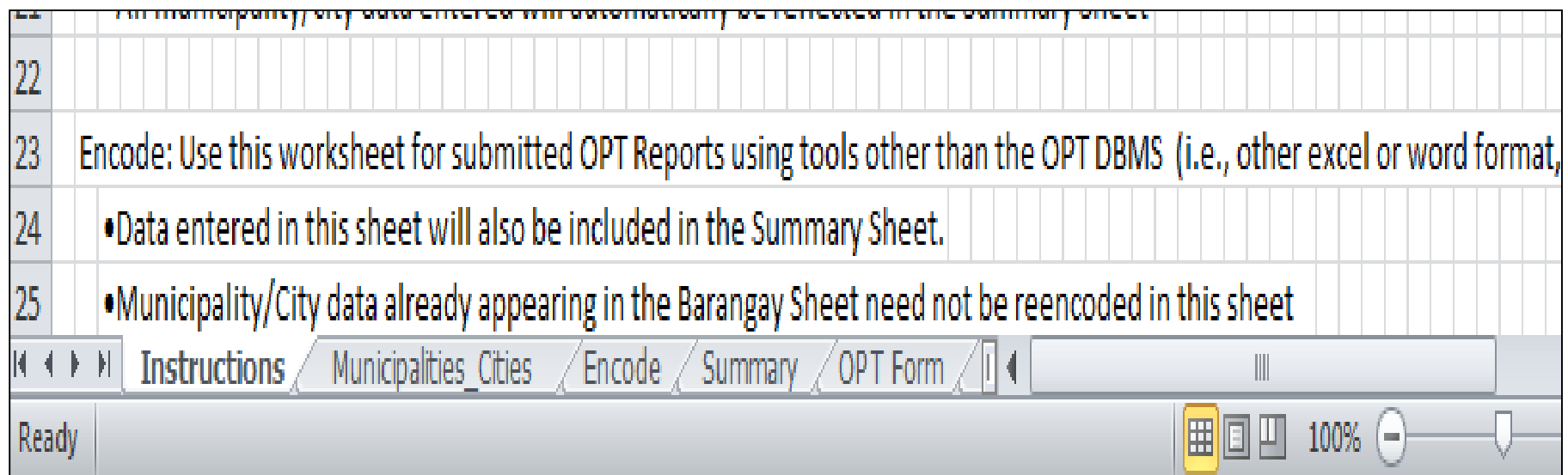
Municipal/City Tool

- ▶ Copy worksheet – for provincial nutrition office use to copy municipal summary to generate provincial data

[illegible]

Provincial Tool

- ▶ 5 worksheets (Instructions, Municipalities_Cities)



Provincial Tool

► Instructions

10	Instructions:
11	
12	The tool has five (5) worksheets which can be seen at the bottom of your screen. They are the Instructions , Municipalities_Cities ,
13	Form
14	The tool automatically opens the instructions worksheet.
15	
16	Instructions sheet: We encourage that you read this instruction sheet before using this tool.
17	
18	Municipalities_Cities Sheet: Use the Municipalities_Cities sheet to record the data lifted from the Copy Sheet of the Municipality
19	•Each line will occupy data lifted from one (1) municipality/city only; succeeding lines should be filled up with data lifted from
20	within the province
21	•All municipality/city data entered will automatically be reflected in the Summary Sheet
22	
23	Encode: Use this worksheet for submitted OPT Reports using tools other than the OPT DBMS (i.e., other excel or word format, ha
24	•Data entered in this sheet will also be included in the Summary Sheet.
25	•Municipality/City data already appearing in the Barangay Sheet need not be reencoded in this sheet
◀ ◁ ▷ ▶ Instructions Municipalities_Cities Encode Summary OPT Form	
Ready 100%	

Provincial Tool

Municipalities_Cities worksheet

- ▶ uses data lifted from Copy sheet of Municipal/City Tool
- ▶ all municipalities/city data entered reflected in Summary sheet

[illegible]

Provincial Tool

- ▶ Encode worksheet – enter municipal/city OPT results submitted in hard copies

1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Municipality:					Coverage:					0.00%		Number of Barangays:			
3	Population:					Estimated Number of Preschoolers:					0					
4		0-5 Months			6-11 Months			12-23 Months			24-35 Months			36-47 Months		
5		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	
6	Weight for Age - Normal			0			0			0			0			
7	Weight for Age - Overweight			0			0			0			0			
8	Weight for Age - Underweight			0			0			0			0			
9	Weight for Age - Severely Underweight			0			0			0			0			
10	Height for Age - Normal			0			0			0			0			
11	Height for Age - Tall			0			0			0			0			
12	Height for Age - Stunted			0			0			0			0			
13	Height for Age - Severely Stunted			0			0			0			0			
14	Height/Length for Weight - Normal			0			0			0			0			
15	Height/Length for Weight - Overweight			0			0			0			0			
16	Height/Length for Weight - Obese			0			0			0			0			
17	Height/Length for Weight - Wasted			0			0			0			0			

Instructions Municipalities_Cities Encode Summary OPT Form

Provincial Tool

Summary worksheet – summarizes data from Municipalities_Cities and Encode worksheets

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	Province:				Coverage:						0.00% Number of Barangays:					
2	Population:	0 Estimated Number of Preschoolers:									0					
3		0-5 Months			6-11 Months			12-23 Months			24-35 Months			36-47 Months		
4		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
5	Weight for Age - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Weight for Age - Overweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Weight for Age - Underweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Weight for Age - Severely Underweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Height for Age - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Height for Age - Tall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Height for Age - Stunted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Height for Age - Severely Stunted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Height/Length for Weight - Normal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Height/Length for Weight - Overweight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Height/Length for Weight - Obese	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Height/Length for Weight - Wasted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Height/Length for Weight - Severely Wasted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Instructions Municipalities_Cities Encode **Summary** OPT Form

Provincial Tool

▶ OPT + Form worksheet – Form 3A

5	OPT Plus Form 3A. Provincial Summary Report on Operation Timbang Plus																				
6	Page 1 of 3																				
7																					
8	Province <u>0</u>					Region <u> </u>					Year <u> </u>					Indigen					
9	Total No. of Municipalities <u>0</u>					Total No. of Barangays <u>0</u>					Percent OPT Plus Coverage: 0-59 months										
10	Total No. of Municipalities with OPT Plus Results <u> </u>					Total No. of Barangays with OPT Plus Results <u> </u>					Actual/Estimated No of PS: 0-59 months										
11	Percent OPT Coverage (Mun level) <u> </u>					Percent OPT Coverage (Brgy level) <u> </u>					Actual No of PS Weighed: 0-59 months										
12																					
13	Age	Weight for Age Status																			
14	Group	Normal (N)				Underweight (UW)				Severely Underweight (SUW)				Overweight (OW)				TOTAL		Total N	
15		Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls		Boys	Girls	No	Prev
16	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
17	0-5																				
18	months	0		0		0		0		0		0		0		0		0		0	
19	(R1)																				
20	6-11																				
21	months	0		0		0		0		0		0		0		0		0		0	
22	(R2)																				
23	12-23																				
24	months	0		0		0		0		0		0		0		0		0		0	

Instructions
Municipalities_Cities
Encode
Summary
OPT Form

Summary of Features

Tool	BNS Tool	Municipal/City Tool	Provincial Tool
# of worksheets	5	6	5
Instructions	/	/	/
OPT	/		
Barangays		/	
Municipalities/ Cities			/
Encode		/	/
Summary	/	/	/
OPT Form	OPT Form 1A	OPT Form 2A	OPT Form 3A
Copy	/	/	/

The OPT Plus DBMS Value-added for D/CNPCs

OPT Plus value added for D/CNPCs

- ▶ Reduces errors due to manual computation
- ▶ Facilitates validation of OPT reports
- ▶ More barangays/muns/cities able to submit OPT reports
- ▶ Easier and less time required for report preparation

In other words...



- ▶ OPT+ DBMS hopes to help YOU be more efficient and effective

Ways Forward for OPT Plus DBMS

Ways Forward



- ▶ envisioned to be part of a bigger system along with other datasets
- ▶ may include data on MUAC



Ways Forward

- ▶ Continue improving the tools
- ▶ Explore use of mobile phones and tablets



Thank you

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