2020 Regional Nutrition Situation

2020 OPERATION TIMBANG PLUS COVERAGE

Local Government Units	No. of LGUs	No. of LGU with Submission	% Submission
Province	6	6	100%
City	7	**7**	100%
Municipality	136	134	98.5%

Note: No 2020 OPT+ report from Matag-ob and Villaba, Leyte

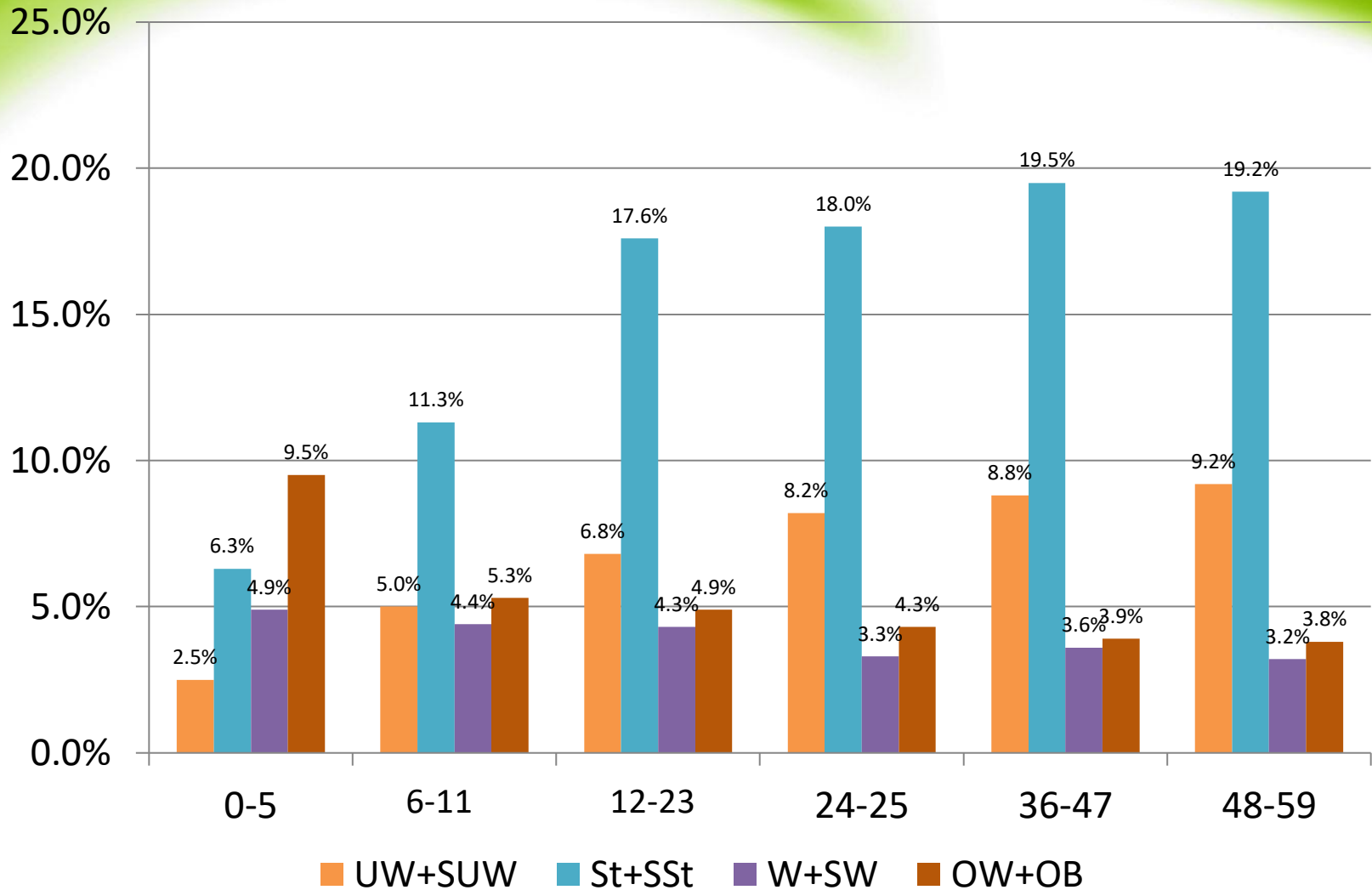| Total Population	Estimated population 0-59 months	Actual number of 0-59	Percent Coverage
4,742,337	533,039	349, 946	**65.7%**
No. of IP PS measured		4,051	

Province/Independent City	Total Number of Cities/Municipalities	Number of Cities/Municipalities with OPT Plus Results	Total Number of Barangays	Number of Barangays with OPT Results
(1)	(2)	(3)	(4)	(5)
EASTERN SAMAR	22	22	536	536
SAMAR	24	24	737	731
NORTHERN SAMAR	24	24	569	503
LEYTE	40	37	1,196	1,106
SOUTHERN LEYTE	18	18	430	430
BILIRAN	8	8	132	132
TACLOBAN	0	0	138	129
ORMOC	0	0	110	110
BAYBAY	0	0	92	90
MAASIN	0	0	70	70
CATBALOGAN	0	0	57	57
CALBAYOG	0	0	157	129
BORONGAN	0	0	61	46

STATUS
(0-59 months Preschool Children)

WEIGHT FOR AGE	Magnitude	Prevalence
Underweight	20,882	6.0%
Severely Underweight	5,240	1.5%
UW + SUW	26, 122	**7.5%**
HEIGHT FOR AGE		
Stunted	41,887	12.0%
Severely Stunted	16,962	4.8%
S+SS	57,980	**16.8%**
WEIGHT FOR LENGTH/HEIGHT		
Normal	319, 210	91.2%
Wasted	10, 136	2.9%
Severely Wasted	3, 754	1.1%
Overweight	9,625	2.8%
Obese	7,137	2.0%
W+SW	16,417	**4%**
OW+Ob	15,896	**4.8%**

2020 REGIONAL NUTRITIONAL STATUS (per age group)

NUTRITIONAL STATUS
(0-59 months Preschool Children)
5-YEAR COMPARATIVE TREND

Bar chart showing nutritional status comparison across 5 years (2016-2020) for four categories:

UW+SUW: 8.67% (2016), 9.80% (2017), 8.60% (2018), 7.87% (2019), 7.50% (2020)

St+SSt: 22.98% (2016), 20.80% (2017), 19.30% (2018), 17.90% (2019), 16.80% (2020)

W+SW: 6.39% (2016), 6.11% (2017), 5.10% (2018), 4.38% (2019), 4.00% (2020)

OW+Ob: 4.20% (2016), 4.70% (2017), 4.10% (2018), 4.24% (2019), 4.80% (2020)

Legend: ■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020

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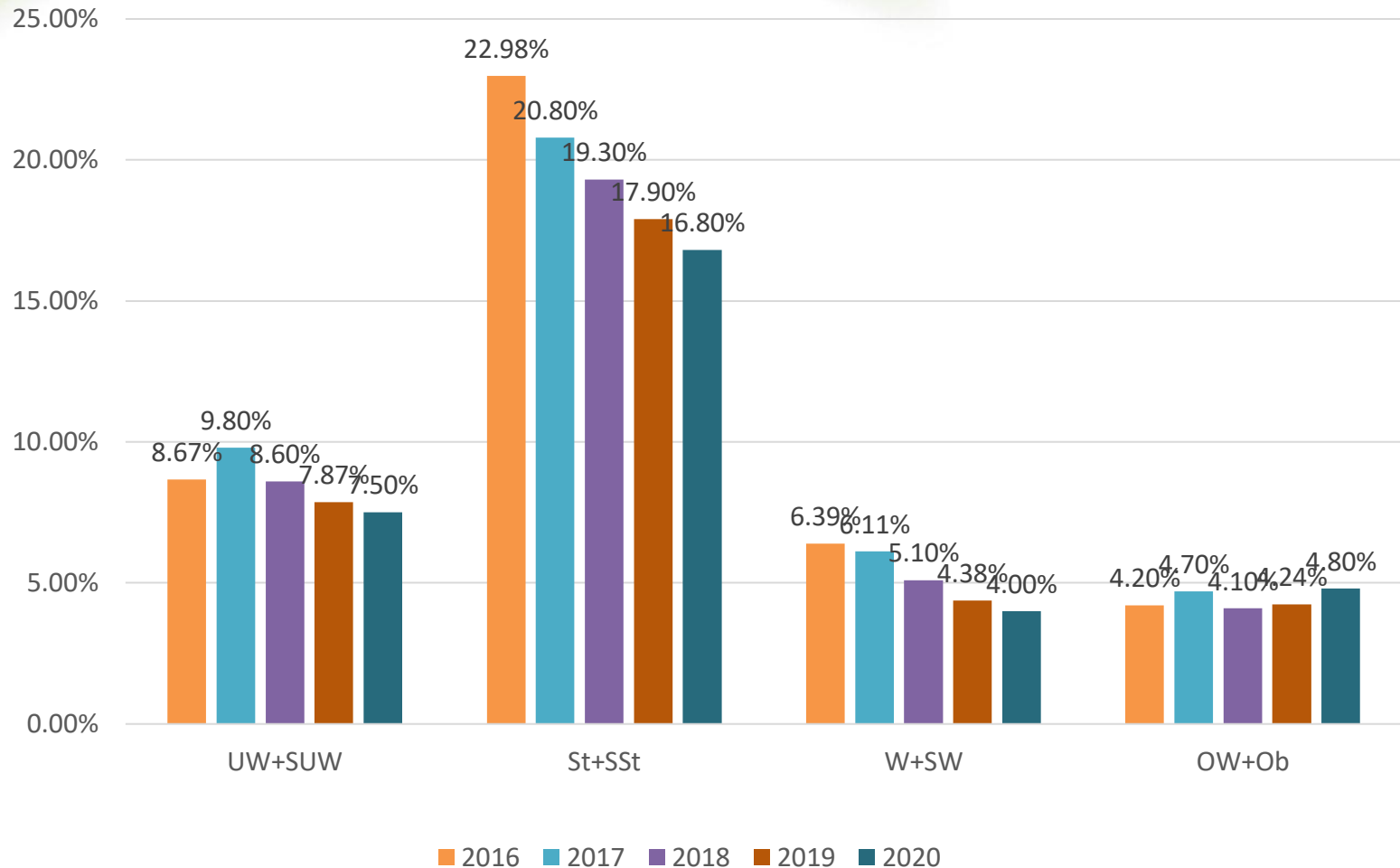
UNDERWEIGHT and SEVERELY UNDERWEIGHT

Child's weight is lower or below the
normal weight for his/her age
Underweight <-2SD
Severely Underweight <-3SD

WHO Cut Off values, 1995
<10% low prevalence
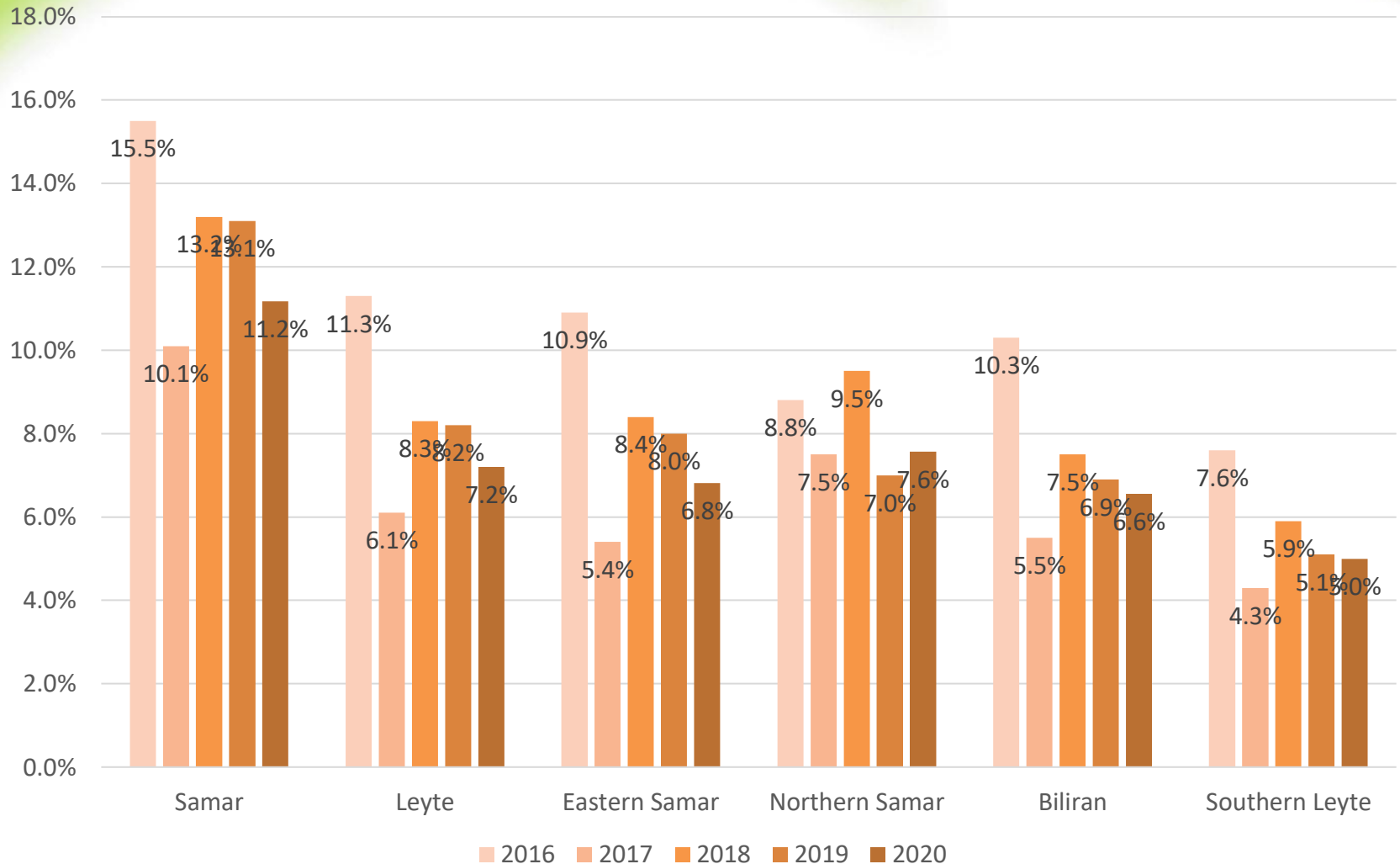*10-19% medium prevalence*
20-29% high prevalence
≥ 30% Very high prevalence

WEIGHT FOR AGE
PREVALENCE OF UNDERWEIGHT+SEVERELY UNDERWEIGHT PROVINCIAL RANKING

RANK	PROVINCE	MAGNITUDE	PREVALENCE
1	Samar	**4,598**	11.2%
2	Northern Samar	3,931	7.6%
3	Leyte	7,199	7.2%
4	Eastern Samar	2,241	6.8%
5	Biliran	1,148	6.6%
6	Southern Leyte	1,238	5.0%

WEIGHT FOR AGE
PREVALENCE OF UNDERWEIGHT+SEVERELY UNDERWEIGHT
## 5-YEAR COMPARATIVE TREND BY PROVINCE

Province	2016	2017	2018	2019	2020
Samar	15.5%	10.1%	13.2%	13.1%	11.2%
Leyte	11.3%	6.1%	8.3%	8.2%	7.2%
Eastern Samar	10.9%	5.4%	8.4%	8.0%	6.8%
Northern Samar	8.8%	7.5%	9.5%	7.0%	7.6%
Biliran	10.3%	5.5%	7.5%	6.9%	6.6%
Southern Leyte	7.6%	4.3%	5.9%	5.1%	5.0%

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WEIGHT FOR AGE
PREVALENCE OF UNDERWEIGHT+SEVERELY UNDERWEIGHT
Ranking per City

RANK	CITY	MAGNITUDE	PREVALENCE
1	Borongan	399	11.4%
2	Baybay	707	8.7%
3	Tacloban	1,084	8.1%
4	Calbayog	1,217	6.9%
5	Ormoc	1,385	6.7%
6	Catbalogan	792	6.3%
7	Maasin	183	3.2%

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WEIGHT FOR AGE
PREVALENCE OF UNDERWEIGHT+SEVERELY UNDERWEIGHT
5-YEAR COMPARATIVE TREND BY CITY
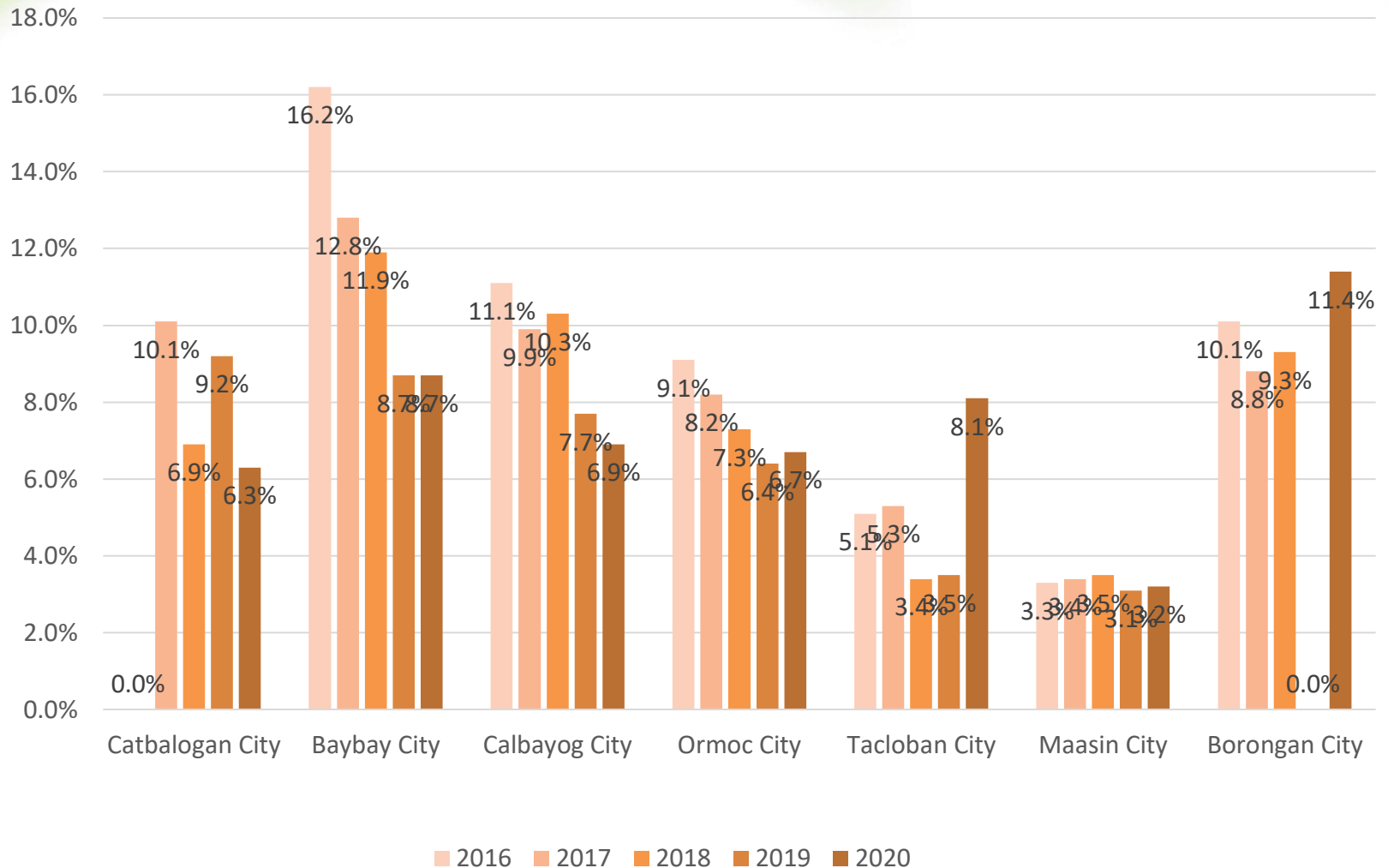
WEIGHT FOR AGE
PREVALENCE OF UNDERWEIGHT+SEVERELY UNDERWEIGHT
TOP 10 MUNICIPALITIES

RANK	MUNICIPALITY	MAGNITUDE	PREVALENCE
1	ARTECHE, ES	301	30.5%
2	GEN. MACARTHUR, ES	366	30.4%
3	ORAS, ES	142	30.2%
4	SAN JULIAN, ES	311	27.9%
5	SULAT , ES	191	26.5%
6	JIPAPAD, ES	716	25.1%
7	SAN POLICARPIO, ES	289	22.3%
8	MATUGUINAO, S	145	21.1%
9	LAWAAN, ES	273	21.0%
10	DOLORES, ES	159	20.9%

STUNTING and SEVERELY STUNTING

Child's height is lower or below the normal
height for his/her age
Short/stunted <-2SD
Severely Stunted <-3SD

Cut-off values, de Onis et al., 2018
<2.5% very low
2.5 to <10% low
10 to <20% medium
20 to <30% high
≥30% very high
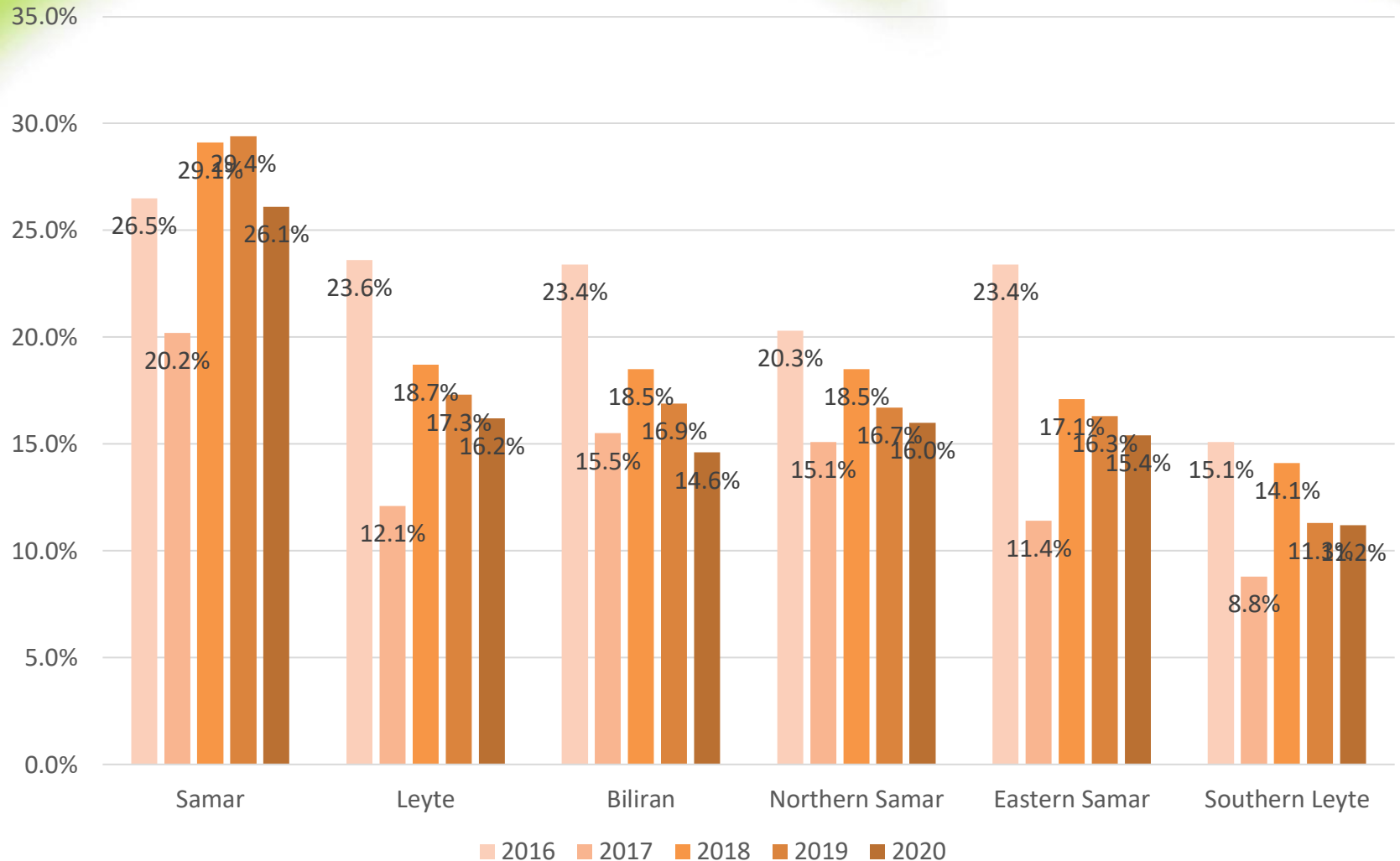
HEIGHT FOR AGE
PREVALENCE OF STUNTED+SEVERELY STUNTED
Provincial Ranking

RANK	PROVINCE	MAGNITUDE	PREVALENCE
1	Samar	10,743	26.1%
2	Leyte	16,181	16.2%
3	Northern Samar	8,301	16.0%
4	Eastern Samar	5,061	15.4%
5	Biliran	2,556	14.6%
6	Southern Leyte	2,775	11.2%

HEIGHT FOR AGE
PREVALENCE OF STUNTED+SEVERELY STUNTED
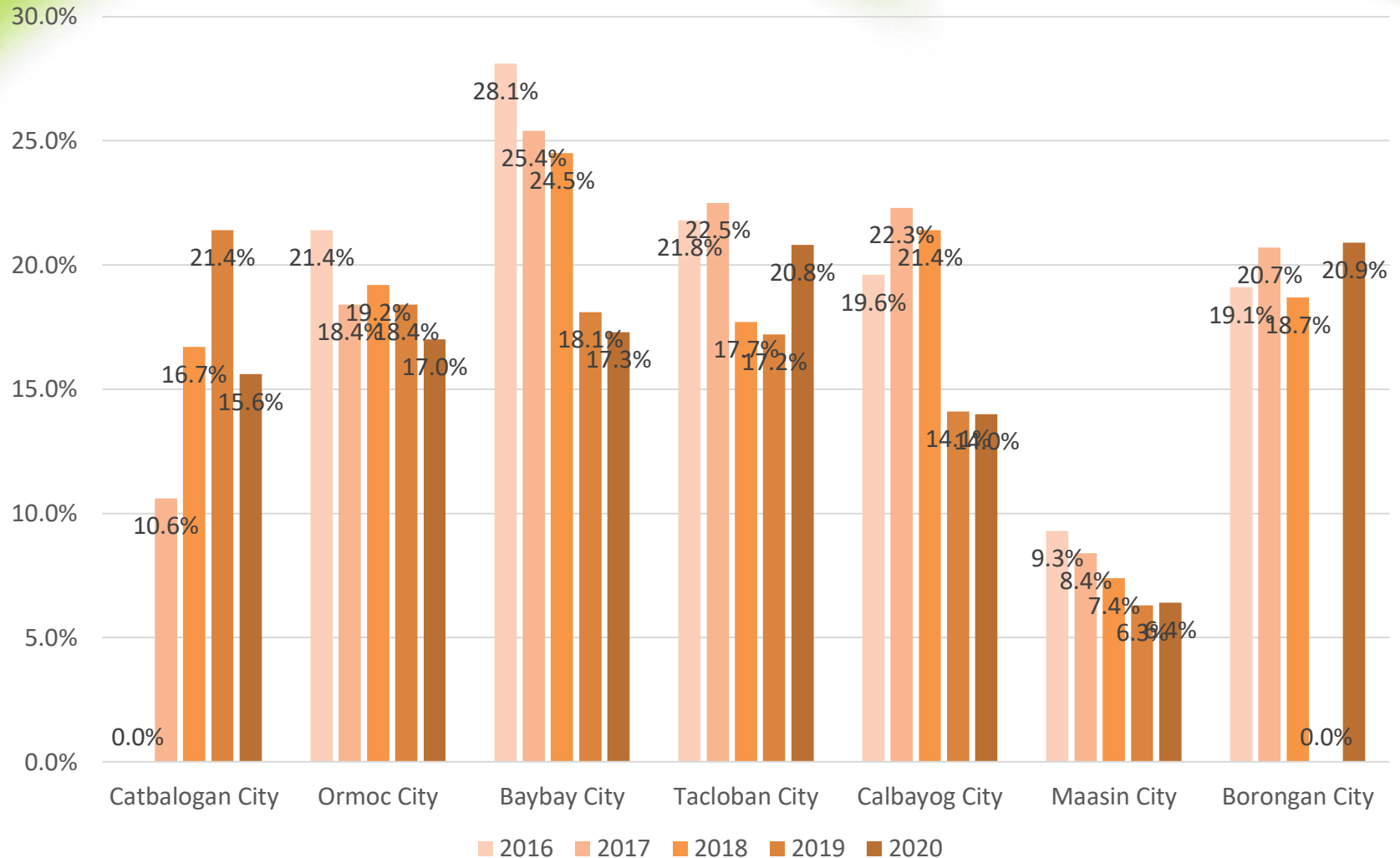5-YEAR COMPARATIVE TREND BY PROVINCE

HEIGHT FOR AGE
PREVALENCE OF STUNTED+SEVERELY STUNTED
Ranking per City

RANK	CITY	MAGNITUDE	PREVALENCE
1	Borongan	730	20.9%
2	Tacloban	2,774	20.8%
4	Baybay	1,401	17.3%
5	Ormoc	3,537	17.0%
6	Catbalogan	1,956	15.6%
7	Calbayog	2,461	14.0%
8	Maasin	374	6.4%

HEIGHT FOR AGE
PREVALENCE OF STUNTED+SEVERELY STUNTED
City Ranking
5-YEAR COMPARATIVE TREND

	2016	2017	2018	2019	2020
Catbalogan City	0.0%	10.6%	16.7%	21.4%	15.6%
Ormoc City	21.4%	18.4%	19.2%	18.4%	17.0%
Baybay City	28.1%	25.4%	24.5%	18.1%	17.3%
Tacloban City	21.8%	22.5%	17.7%	17.2%	20.8%
Calbayog City	19.6%	22.3%	21.4%	14.1%	14.0%
Maasin City	9.3%	8.4%	7.4%	6.3%	6.4%
Borongan City	19.1%	20.7%	18.7%	0.0%	20.9%

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HEIGHT FOR AGE
PREVALENCE OF STUNTED+SEVERELY STUNTED
TOP 10 MUNICIPALITIES

RANK	MUNICIPALITY	MAGNITUDE	PREVALENCE
1	Gandara, S	1090	42.7%
2	Motiong, S	390	38.6%
3	Pinabacdao, S	527	38.4%
4	San Sebastian, S	220	36.4%
5	Matuguinao, S	250	36.4%
6	San Jorge, S	402	33.0%
7	Pastrana, L	513	32.1%
8	Almagro, S	202	32.1%
9	Mac Arthur, L	545	31.9%
10	Sta. Margarita, S	735	31.9%

WASTING and SEVERELY WASTING

Child's body weight in proportion to
length/height or thinness is low relative to the
standard weight-for-length/height
Wasted <-2SD
Severely Wasted <-3SD

Cut of Values, de Onis et al, 2018
<2.5% very low
2.5 to <5% low
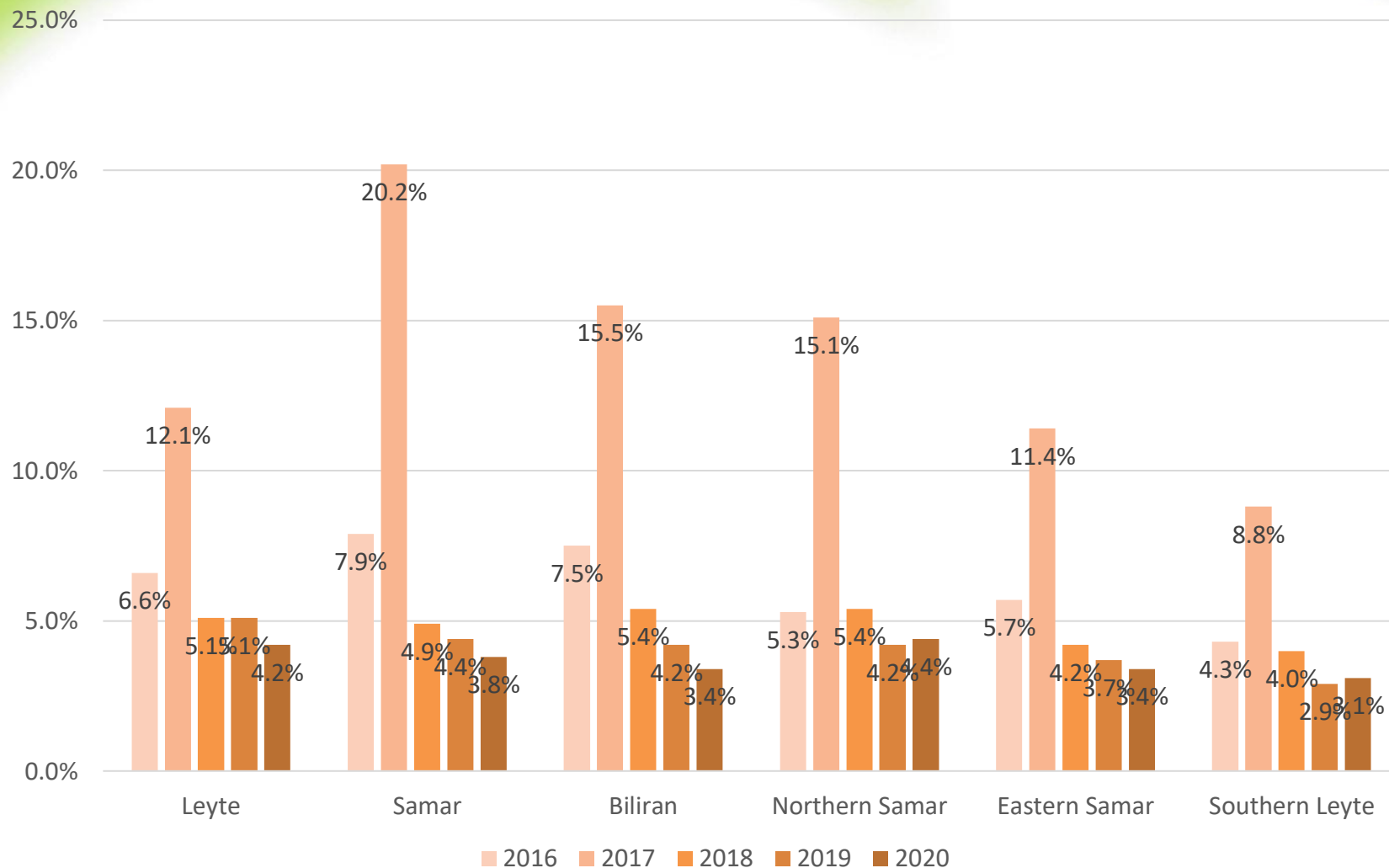*5 to <10% medium*
10 to <15% high
≥ 15% very high

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF WASTED+SEVERELY WASTED
Provincial Ranking

RANK	PROVINCE	MAGNITUDE	PREVALENCE
1	Northern Samar	2,289	4.4%
2	Leyte	4,174	4.2%
3	Samar	1,422	3.5%
4	Biliran	601	3.4%
5	Eastern Samar	1119	3.4%
6	Southern Leyte	778	3.1%

WASTED+SEVERELY WASTED
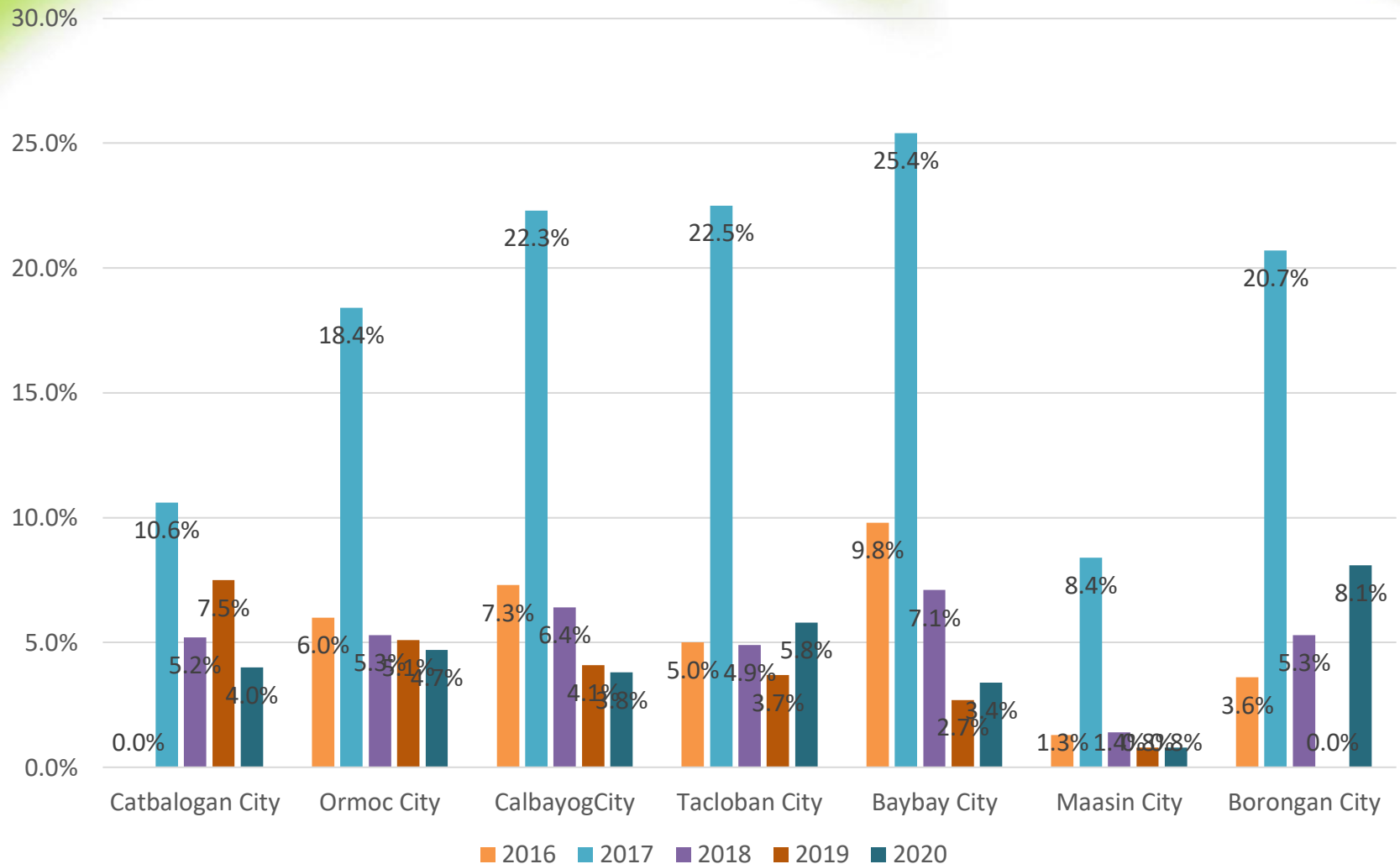(WEIGHT FOR LENGTH/HEIGHT)
5-YEAR COMPARATIVE TREND BY PROVINCE

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF WASTED+SEVERELY WASTED
Ranking per City

RANK	CITY	MAGNITUDE	PREVALENCE
1	Borongan	282	8.1%
2	Tacloban	769	5.8%
3	Ormoc City	974	4.7%
4	Catbalogan	503	4.0%
5	Calbayog	659	3.8%
6	Baybay	272	3.4%
7	Maasin	48	0.8%

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WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF WASTED+SEVERELY WASTED
Ranking per City
5-YEAR COMPARATIVE TREND

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF WASTED+SEVERELY WASTED
TOP 10 MUNICIPALITIES

RANK	MUNICIPALITY	MAGNITUDE	PREVALENCE
1	SILVINO LUBOS, NS	197	16.0%
2	ROSARIO, NS	78	10.2%
3	SAN VICENTE, ES	39	9.2%
4	LEYTE, L	269	9.1%
5	MATUGUINAO, S	62	9.0%
6	VICTORIA, S	135	8.9%
7	ARTECHE, ES	88	8.9%
8	SAN POLICARPIO, ES	109	8.4%
9	SULAT , ES	90	8.2%
10	ISABEL	285	8.2%

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OVERWEIGHT and OBESITY

Child's body weight in proportion to
length/height or fatness is high relative to the
standard weight for his/her weight-for-
length/height
Overweight >+2SD
Obese >+3SD

Cut of Values, de Onis et al, 2018
<2.5% very low
2.5 to <5% low
5 to <10% medium
10 to <15% high
≥ 15% very high

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF OVERWEIGHT +OBESITY
Provincial Ranking

RANK	PROVINCE	MAGNITUDE	PREVALENCE
1	Southern Leyte	1,397	5.6%
2	Eastern Samar	1,740	5.3%
3	Leyte	5,036	5.0%
4	Samar	1,898	4.6%
5	Northern Samar	2,070	4.0%
6	Biliran	631	3.6%

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF PREVALENCE OF OVERWEIGHT +OBESITY
Ranking per City

RANK	CITY	MAGNITUDE	PREVALENCE
1	Borongan	349	10.0%
2	Tacloban	1,027	7.7%
3	Catbalogan	919	7.3%
4	Ormoc	1,008	4.9%
5	Baybay	257	3.2%
6	Calbayog	336	1.9%
7	Maasin	94	1.6%

WEIGHT FOR LENGTH/HEIGHT
PREVALENCE OF PREVALENCE OF OVERWEIGHT +OBESITY
TOP 10 MUNICIPALITIES

RANK	MUNICIPALITY	MAGNITUDE	PREVALENCE
1	MERCEDES, ES	46	13.7%
2	GEN. MACARTHUR, ES	130	10.8%
3	ARTECHE, ES	96	9.7%
4	CAN-AVID, ES	174	9.3%
5	MAC ARTHUR, L	158	9.3%
6	MALITBOG , SL	119	8.9%
7	LIBAGON, SL	80	8.7%
8	LAPAZ, L	150	8.5%
9	GANDARA, S	216	8.5%
10	JULITA, L	85	8.3%

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6. CONSTRAINTS and CHALLENGES

CONSTRAINTS and CHALLENGES

- **Not using the eOPT Tool**/ made their own format of report (Excel type)
- **Handwritten type of report**
- **Late submission** of eOPT Report
- Coverage: **below 80%**
- Submitted report are not the **FINAL REPORTS**
- eOPT Report Submitted should be **both hard and soft copy**

7. SCHEDULE OF SUBMISSION

SCHEDULE OF SUBMISSION

Responsible Person	Forms to Submit	Submitted to	Schedule
Barangay Nutrition Scholar (BNS)	**OPT Plus Form 1**	Barangay	**January to March**
Barangay Nutrition Scholar (BNS)	**OPT Plus Form 1A**	RHU,BNC, C/MNC,	**After consolidation or April 15**
City/Municipal Nutrition Action Officer	**OPT Plus Form 2 OPT Plus Form 2A**	C/MNC, PNC	**One week after consolidation or May 15**
District/City Nutrition Program Coordinator (Province)	**OPT Plus Form 3 OPT Plus Form 3A**	NNC Regional Office	**One week after consolidation or June 15**

8. ACCESS LINK FOR eOPT TOOL per PROVINCE