

2016

OPT Plus Results



National Capital Region

Operation Timbang (OPT) Plus

- annual mass weighing of all preschoolers 0-71 months old or below six (6) years old
- Weighing is done every 1st quarter



Weight and height of children were measured using salter scale, infant weighing scale, detecto weighing scale and heightboard.

Operation Timbang (OPT) Plus

- Data generated is used for:
 - local nutrition program planning, particularly in describing the nutritional status of the community
 - quantifying the number of malnourished
 - identifying which barangays have more malnourished children
 - for identifying who will be given priority in the provision of nutrition interventions

Operation Timbang (OPT) Plus

Uses the WHO-CGS as the reference standard to determine the child's nutritional status

1. **Weight for age** – reflects body weight relative to the child's age.
 - a. Normal – child's weight is within normal limits
 - b. Underweight/Severely Underweight – child's weight is lower/very much lower than the normal weight for his/her age
 - c. Overweight – child's weight is higher than normal weight for his/her age

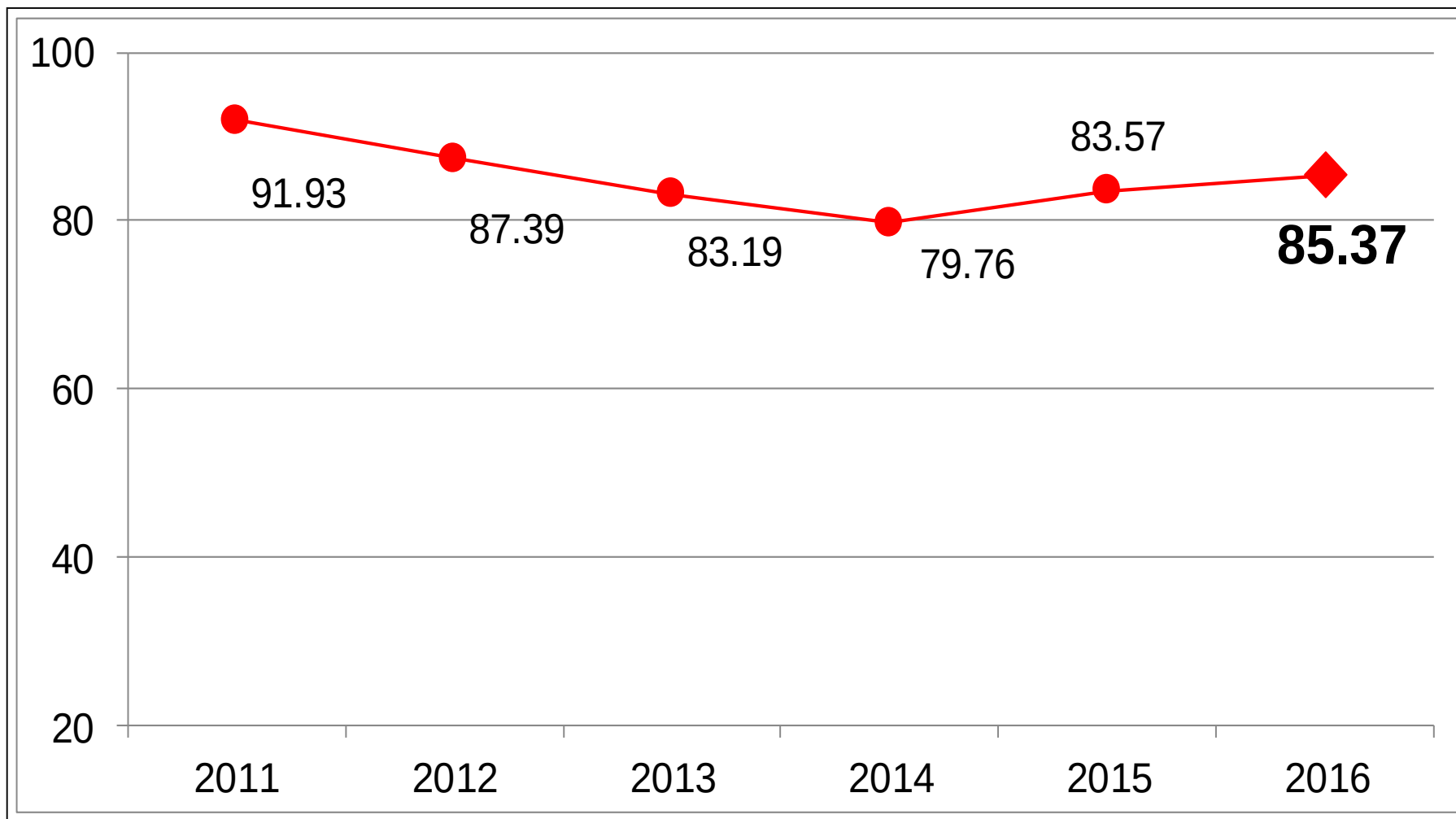
Operation Timbang (OPT) Plus

2. **Length/Height for age** – reflects attained growth in length or height at the child's age at a given time. This indicator can help identify children who are stunted (short) due to prolonged undernutrition or repeated illness
- a. Normal – child's height is within normal limits
 - b. Stunted/Severely stunted (short) – child's height is lower/very much lower than the normal height for his/her age
 - c. Tall – child's height is higher than normal height for his/her age

Operation Timbang (OPT) Plus

3. **Weight-for-Length/Height** – reflects body weight in proportion to attained growth in length or height
- a. Normal – child's body weight in proportion to length/height or thinness is within normal limits
 - b. Wasted/Severely wasted (thin) – child's body weight in proportion to length/height or thinness is low/very low relative to the standard weight-for length/height
 - c. Overweight/Obese – child's body weight in proportion to length/height or fatness is high/very high relative to the standard weight-for length/height

Percent Weighing Coverage, NCR, 2016



Ranking of LGUs accdg. to % Weighing Coverage , NCR, 2016

Rank	Cities/ Municipality	Actual no. of Preschoolers weighed	% Coverage
1	Taguig	125,023	98.49
2	Mandaluyong	55,862	96.97
3	Las Piñas	95,581	96.91
4	Quezon City	493,010	95.37
5	Navotas	39,864	94.05
6	San Juan	18,760	93.95
7	Valenzuela	94,296	90.98
8	Parañaque	98,738	88.03
9	Pasay	57,444	85.03
10	Muntinlupa	65,040	83.39

Ranking of LGUs accdg. to % Weighing Coverage , 2016

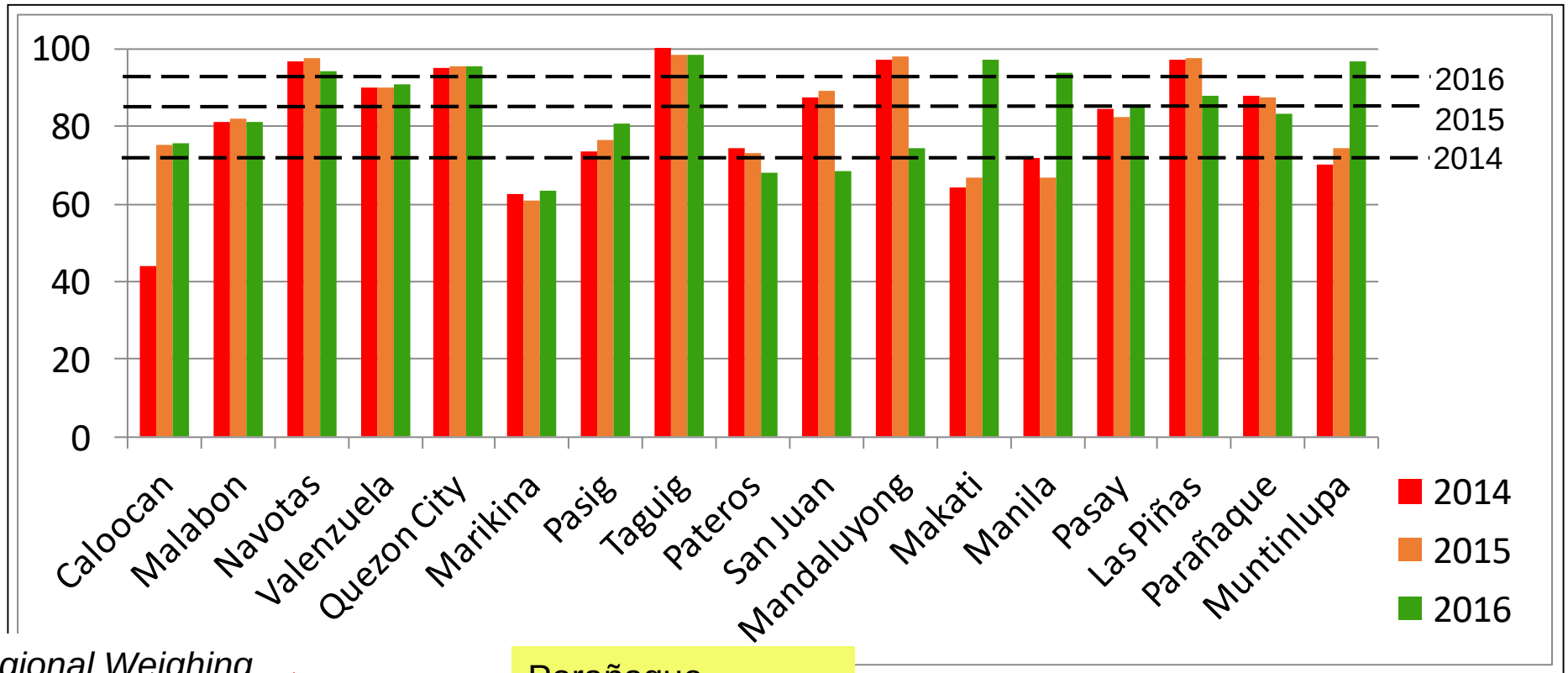
Rank	Cities/ Municipality	Actual no. of Preschoolers weighed	% Coverage
11	Malabon	47,717	81.18
12	Pasig	104,400	80.85
13	Caloocan	210,869	75.57
14	Manila	203,433	74.45
15	Makati	62,003	68.33
16	Pateros	7,582	68.17
17	Marikina	45,840	63.29
Regional Coverage		1,825,462	85.37

Note: Estimated population based on DOH-NCRO data

Ranking of LGUs accdg to % Weighing Coverage , NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Coverage	Rank	Cities/ Municipality	% Coverage	Rank	Cities/ Municipality	% Coverage
1	Taguig	100.57	1	Taguig	98.53	1	Taguig	98.49
2	Mandaluyong	97.16	2	Mandaluyong	98.03	2	Mandaluyong	96.97
3	Las Piñas	97.03	3	Navotas	97.52	3	Las Piñas	96.91
4	Navotas	96.83	4	Las Piñas	97.49	4	Quezon City	95.37
5	Quezon City	95.21	5	Quezon City	95.58	5	Navotas	94.05
6	Valenzuela	90.06	6	Valenzuela	90.05	6	San Juan	93.95
7	Parañaque	87.83	7	San Juan	89.24	7	Valenzuela	90.98
8	San Juan	87.57	8	Parañaque	87.55	8	Parañaque	88.03
9	Pasay	84.60	9	Pasay	82.32	9	Pasay	85.03
10	Malabon	81.29	10	Malabon	81.86	10	Muntinlupa	83.39
11	Pateros	74.54	11	Pasig	76.45	11	Malabon	81.18
12	Pasig	73.62	12	Caloocan	75.32	12	Pasig	80.85
13	Manila	71.82	13	Muntinlupa	74.30	13	Caloocan	75.57
14	Muntinlupa	70.29	14	Pateros	73.27	14	Manila	74.45
15	Makati	64.26	15	Manila	66.83	15	Makati	68.33
16	Marikina	62.43	16	Makati	66.68	16	Pateros	68.17
17	Caloocan	43.79	17	Marikina	60.80	17	Marikina	63.29

Comparison of LGUs accdng to % OPT Coverage, NCR, 2014-2016



Regional Weighing Coverage:

2014 – 79.76%

2015 – 83.57%

2016 – 85.37%

LGUs with increased weighing coverage from 2015 to 2016:

Parañaque
Pasig
San Juan
Makati
Caloocan
Manila
Pasay
Muntinlupa
Valenzuela
Marikina

LGUs with decreased weighing coverage from 2015 to 2016:

Pateros
Taguig
Mandaluyong
Las Piñas
Quezon City
Malabon
Navotas

Ranking of LGUs accdg. to % Height Measurement Coverage , NCR, 2016

Rank	Cities/ Municipality	Actual no. of Preschoolers measured	% Coverage
1	Taguig	125,023	98.49
2	Mandaluyong	55,862	96.97
3	Las Piñas	95,581	96.91
4	Quezon City	493,010	95.37
5	Navotas	39,864	94.05
6	San Juan	18,760	93.95
7	Valenzuela	94,296	90.98
8	Parañaque	98,738	88.03
9	Pasay	57,444	85.03
10	Muntinlupa	65,040	83.39

Ranking of LGUs accdg. to % Height Measurement Coverage , NCR, 2016

Rank	Cities/ Municipality	Actual no. of Preschoolers measured	% Coverage
11	Malabon	47,717	81.18
12	Pasig	104,400	80.85
13	Caloocan	210,869	75.57
14	Manila	203,433	74.45
15	Makati	61,952	68.28
16	Pateros	7,582	68.17
17	Marikina	45,840	63.29
Regional Coverage		1,825,411	85.37

Note: Estimated population based on DOH-NCRO data

Ranking of LGUs accdg. to % Weight and Height Measurement Coverage , NCR, 2016

Rank	Cities/ Municipality	Actual no. of Preschoolers measured	% Coverage
1	Mandaluyong	55,862	96.97
2	Quezon City	493,010	95.37
3	Navotas	39,864	94.05
4	San Juan	18,760	93.95
5	Taguig	113,277	89.24
6	Parañaque	98,738	88.03
7	Pasay	57,444	85.03
8	Pasig	104,400	80.85
9	Las Piñas	77,205	78.28
10	Valenzuela	77,719	74.99

Ranking of LGUs accdg. to % Weight and Height Measurement Coverage , NCR, 2016

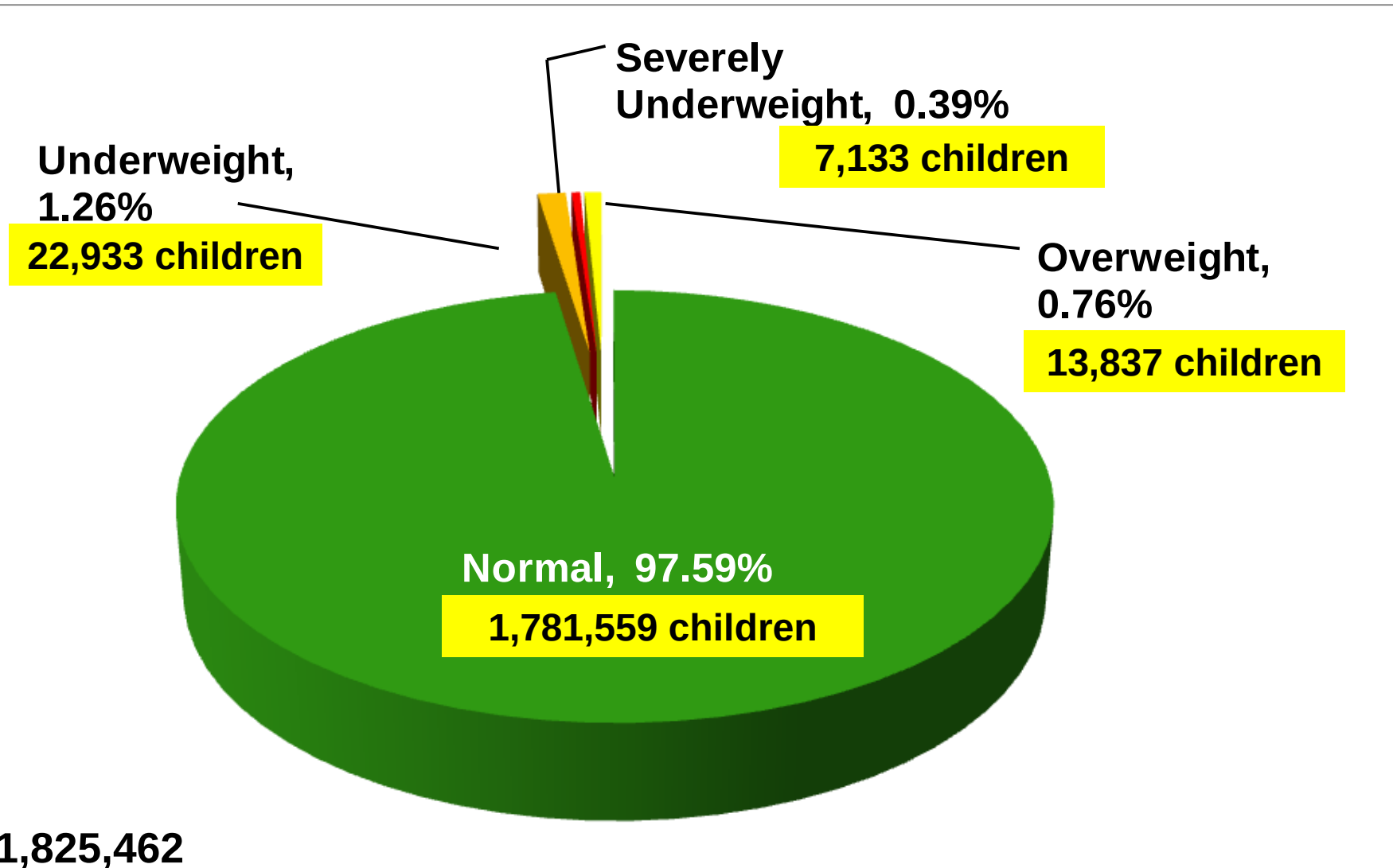
Rank	Cities/ Municipality	Actual no. of Preschoolers measured	% Coverage
11	Manila	203,433	74.75
12	Malabon	40,294	68.55
13	Muntinlupa	53,405	68.47
14	Caloocan	173,817	62.29
15	Pateros	6,407	57.60
16	Makati	50,485	55.64
17	Marikina	36,954	51.02
Regional Coverage		1,701,074	79.55

Note: Estimated population based on DOH-NCRO data

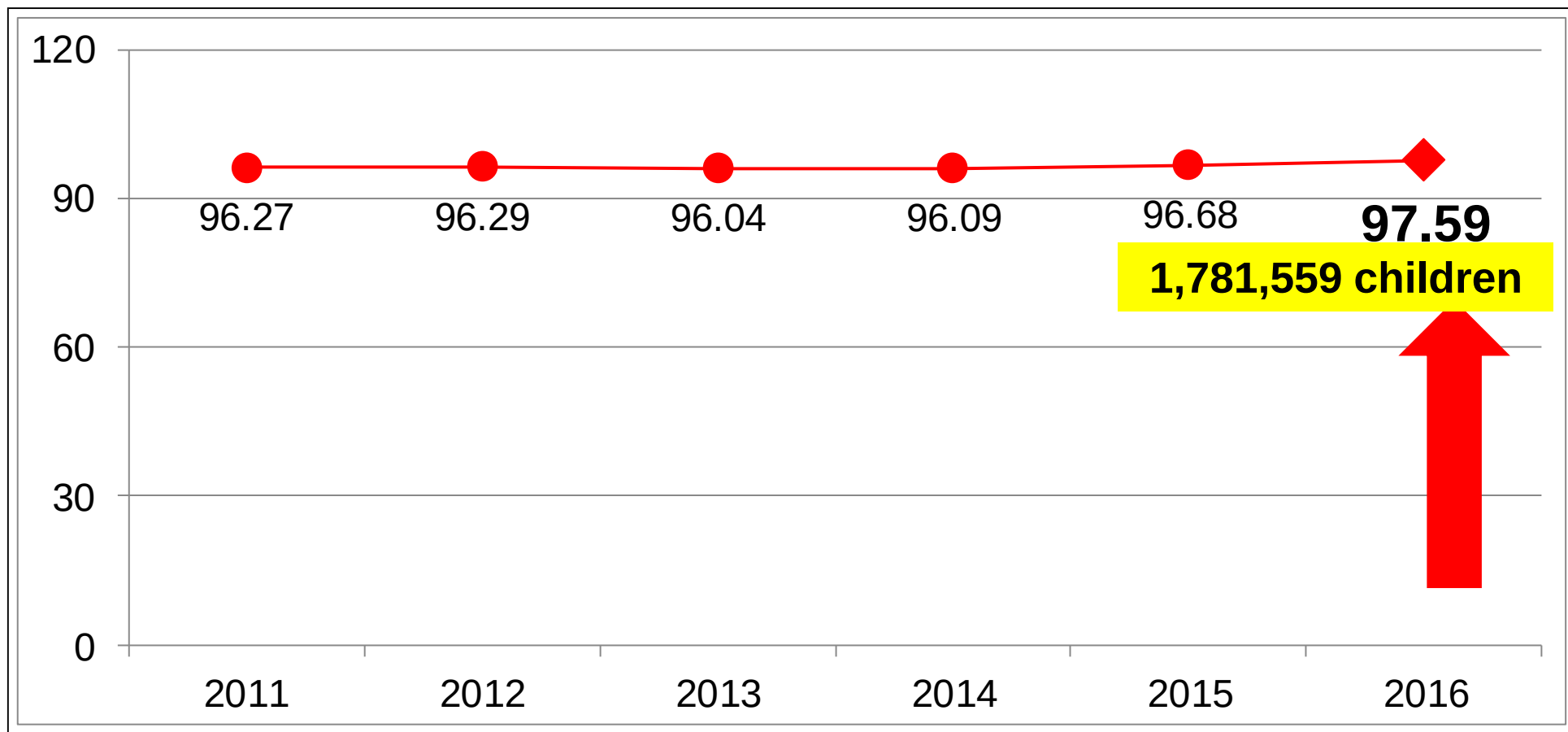
Nutritional Status of Children (0-71 months)

Weight-for-Age

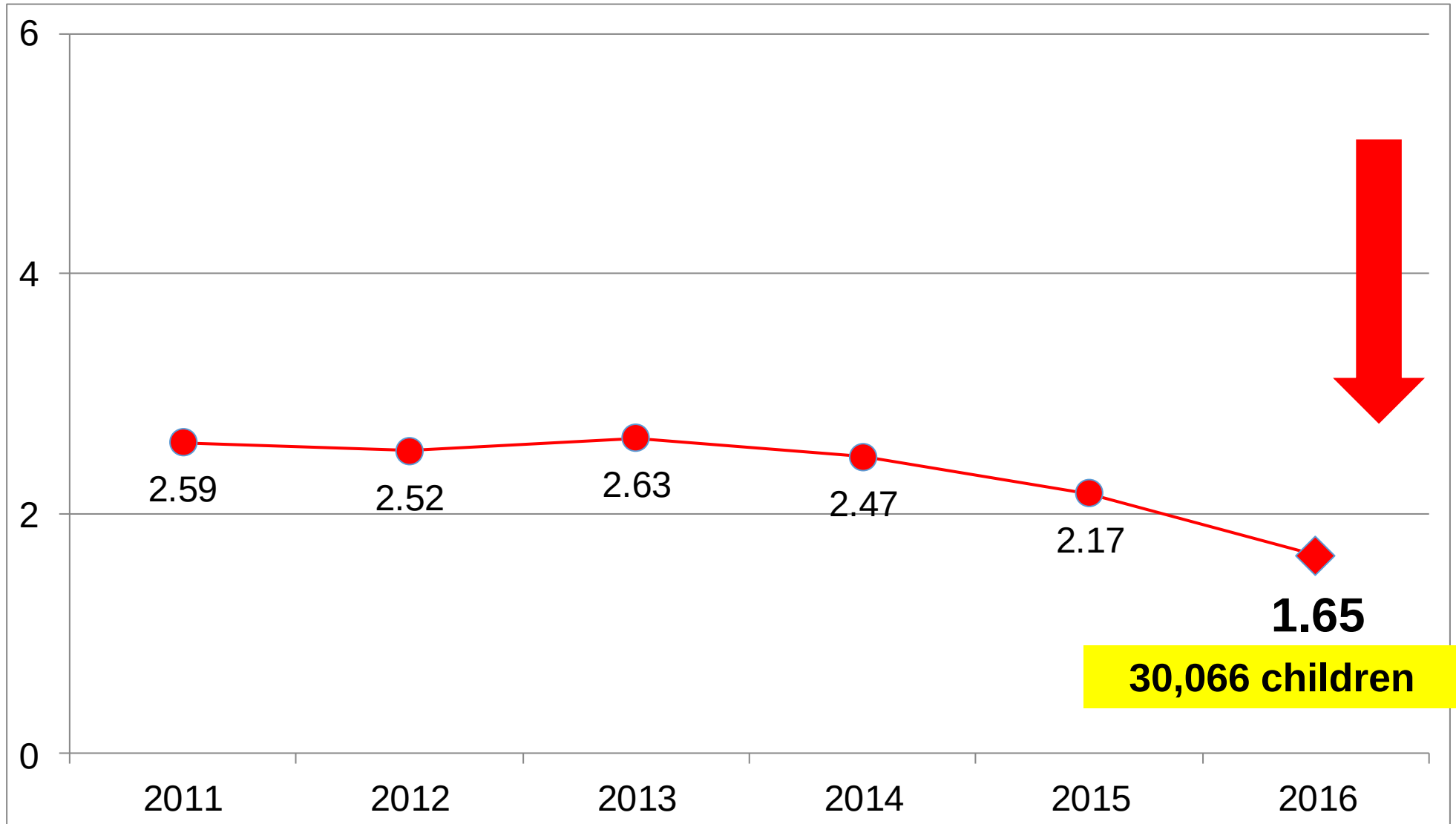
2016 Nutritional Status of 0 – 71 months old children, NCR accdg to Weight-for-Age



Percentage of Children 0-71 months old with Normal Nutritional Status according to Weight-for-Age, 2011-2016



Prevalence of Underweight and Severely Underweight-for-age among children 0-71 months old in NCR, 2011-2016

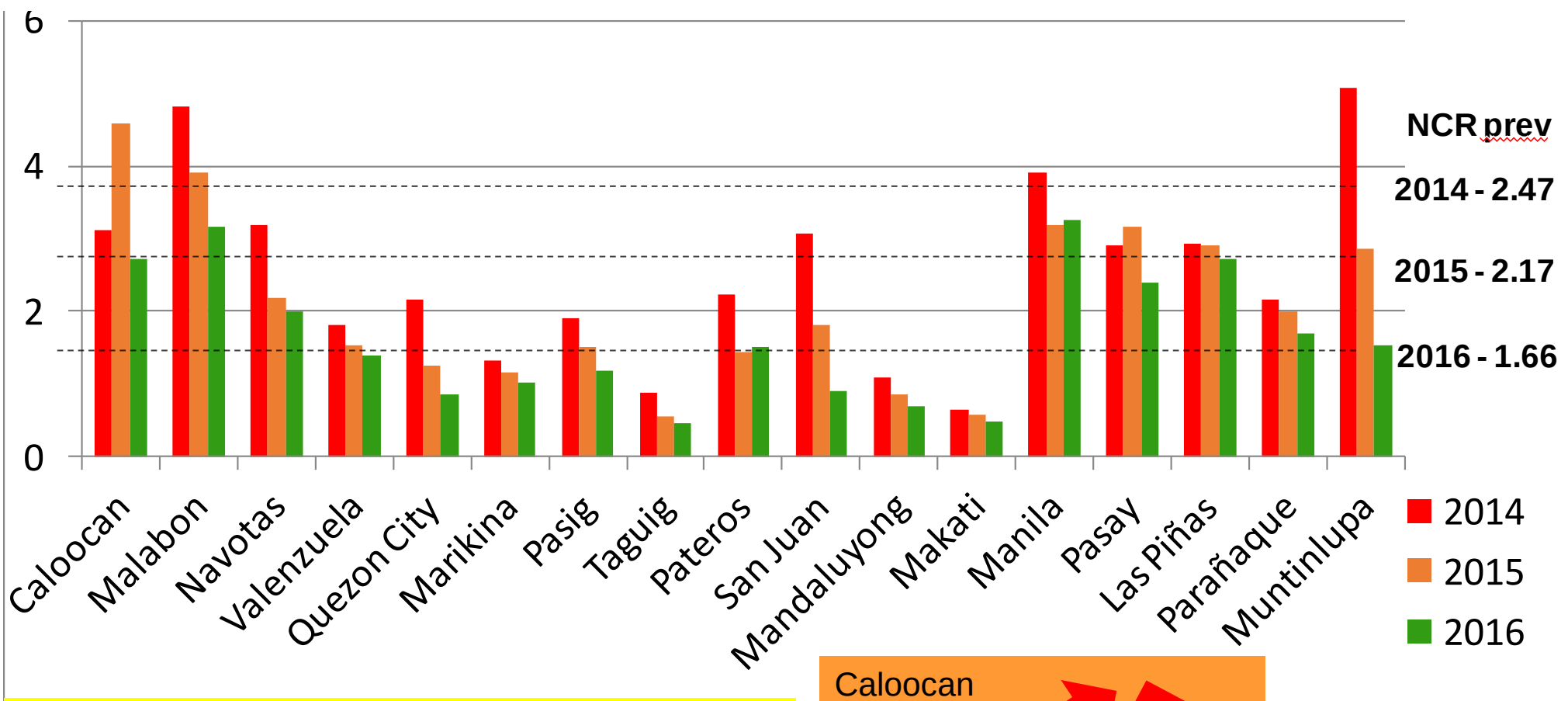


Ranking of Cities/Municipality based on Prevalence of Underweight and Severely Underweight-for-age among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Muntinlupa	5.07	1	Caloocan	4.59	1	Manila	3.25
2	Malabon	4.83	2	Malabon	3.90	2	Malabon	3.17
3	Manila	3.91	3	Manila	3.19	3	Las Piñas	2.72
4	Navotas	3.19	4	Pasay	3.17	4	Caloocan	2.71
5	Caloocan	3.12	5	Las Piñas	2.91	5	Pasay	2.39
6	San Juan	3.06	6	Muntinlupa	2.87	6	Navotas	1.99
7	Las Piñas	2.93	7	Navotas	2.19	7	Parañaque	1.70
8	Pasay	2.91	8	Parañaque	1.99	8	Muntinlupa	1.53
9	Pateros	2.22	9	San Juan	1.81	9	Pateros	1.50
10	Quezon City	2.17	10	Valenzuela	1.54	10	Valenzuela	1.39
11	Parañaque	2.15	11	Pasig	1.51	11	Pasig	1.18
12	Pasig	1.90	12	Pateros	1.44	12	Marikina	1.02
13	Valenzuela	1.80	13	Quezon City	1.26	13	San Juan	0.90
14	Marikina	1.32	14	Marikina	1.16	14	Quezon City	0.86
15	Mandaluyong	1.09	15	Mandaluyong	0.86	15	Mandaluyong	0.70
16	Taguig	0.88	16	Makati	0.57	16	Makati	0.48
17	Makati	0.64	17	Taguig	0.55	17	Taguig	0.45

Ranking of Cities/Municipality based on the Total Number of Underweight and Severely Underweight-for-age among Children 0-71 months old in NCR, 2014-2016								
2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	10,181	1	Caloocan	10,174	1	Manila	6,608
2	Manila	7,623	2	Quezon City	6,098	2	Caloocan	5,724
3	Caloocan	3,638	3	Manila	5,810	3	Quezon City	4,233
4	Las Piñas	2,725	4	Las Piñas	2,761	4	Las Piñas	2,604
5	Muntinlupa	2,703	5	Parañaque	1,906	5	Parañaque	1,674
6	Malabon	2,294	6	Malabon	1,869	6	Malabon	1,514
7	Parañaque	2,010	7	Pasay	1,748	7	Pasay	1,374
8	Pasig	1,713	8	Muntinlupa	1,641	8	Valenzuela	1,309
9	Pasay	1,631	9	Pasig	1,454	9	Pasig	1,237
10	Valenzuela	1,625	10	Valenzuela	1,412	10	Muntinlupa	993
11	Navotas	1,291	11	Navotas	898	11	Navotas	794
12	Taguig	1,050	12	Taguig	665	12	Taguig	563
13	Mandaluyong	593	13	Marikina	509	13	Marikina	469
14	Marikina	589	14	Mandaluyong	476	14	Mandaluyong	390
15	San Juan	533	15	Makati	345	15	Makati	297
16	Makati	372	16	San Juan	321	16	San Juan	169
17	Pateros	178	17	Pateros	116	17	Pateros	114
Total	40, 749		Total	38, 203		Total	30, 066	

Comparison of LGUs accdg. to Prevalence of Underweight and Severe Underweight-for-age among children 0-71 months old, 2014-2016



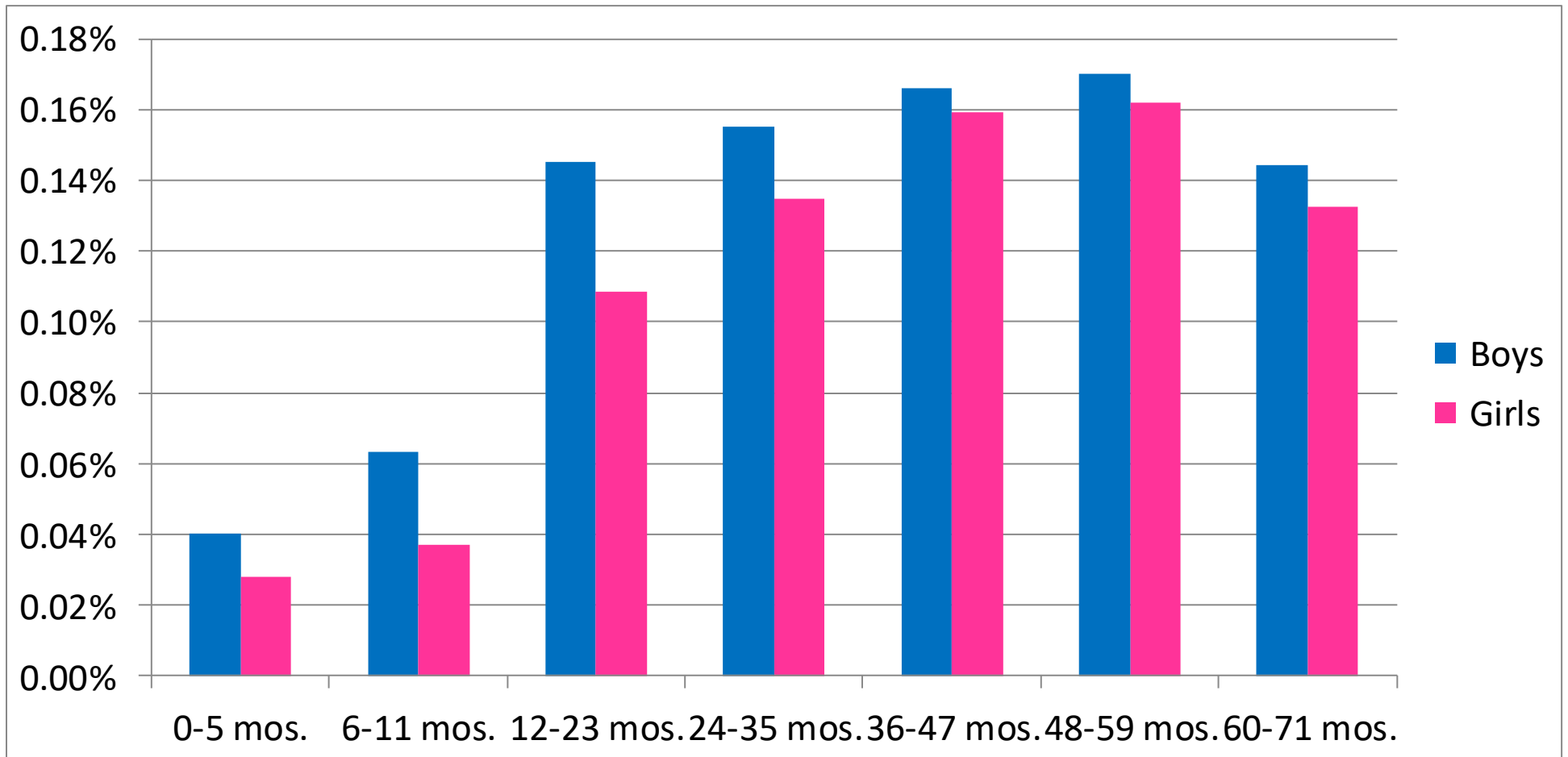
Malabon
 Navotas
 Valenzuela
 Quezon City
 Marikina

Taguig
 San Juan
 Makati
 Mandaluyong
 Las Piñas

Muntinlupa
 Pasig
 Parañaque

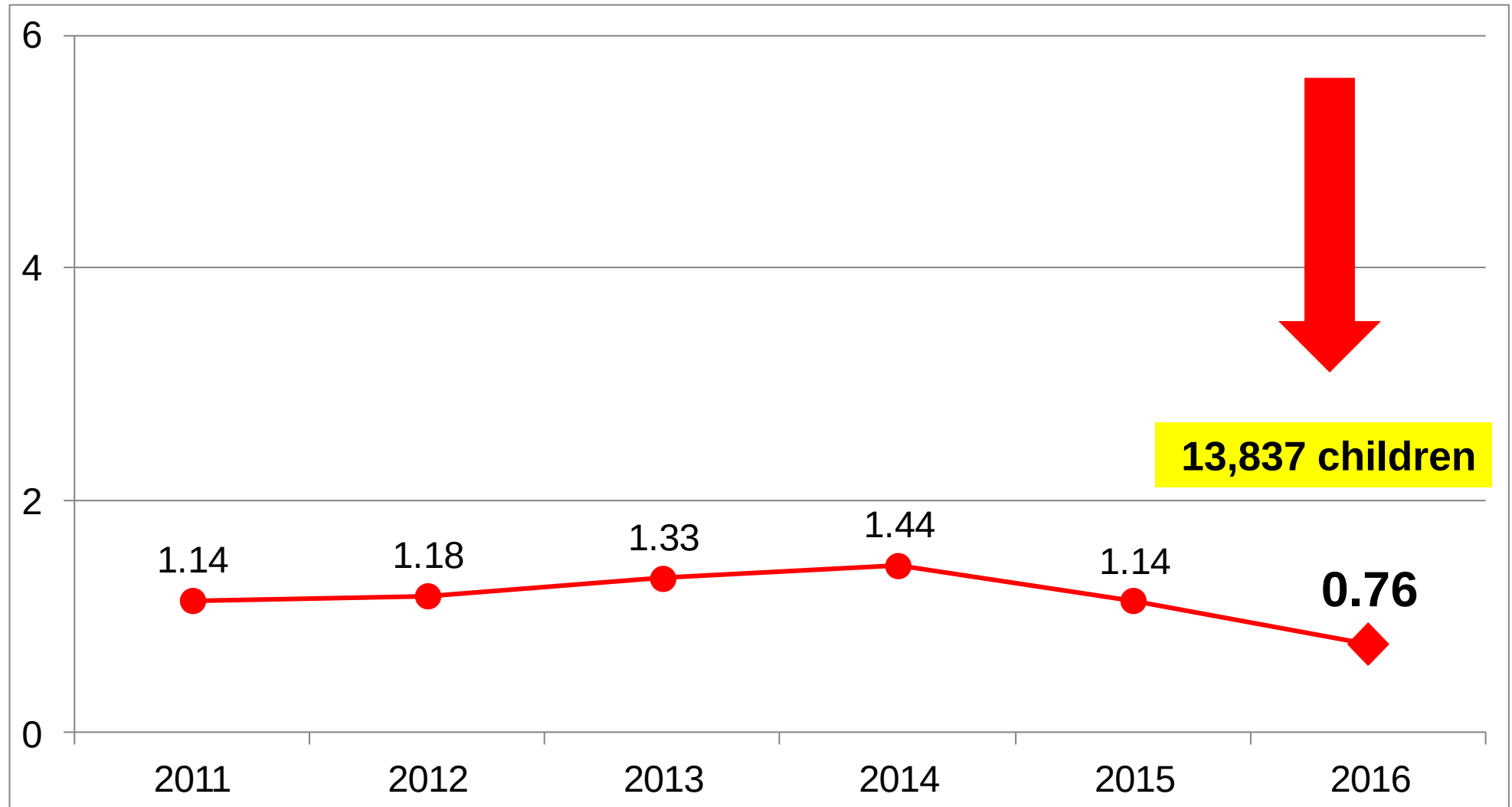


2016 Prevalence of UW and SUW among Children 0-71 months old in NCR, per age group and gender



- Sharp increase noted among 12-23 mos old
- Increasing trend of undernutrition from 0-5 mos. until 48-59 mos. then decreasing trend until 60-71 mos. for both boys and girls

Prevalence of Overweight-for-age among children 0-71 months old in NCR, 2011-2016

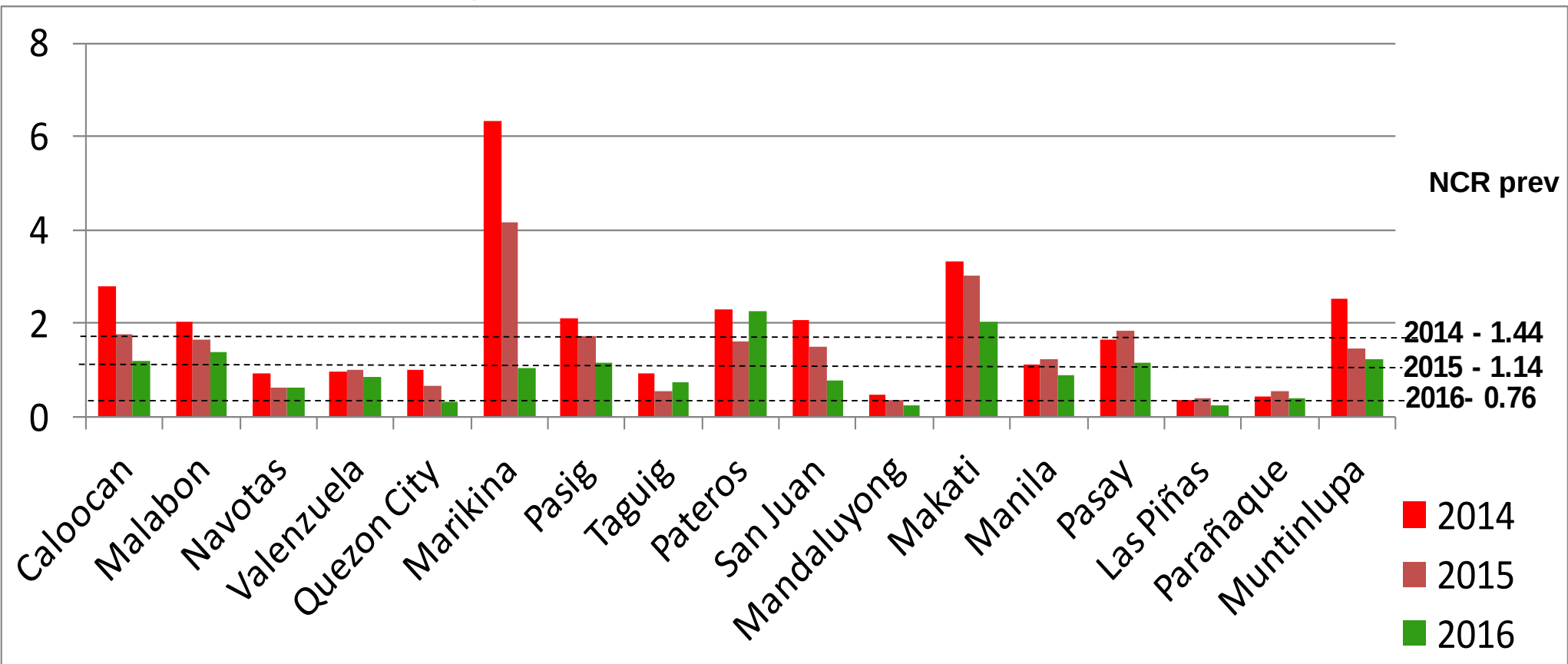


Ranking of LGUs based on Prevalence of Overweight-for-age among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Marikina	6.33	1	Marikina	4.15	1	Pateros	2.26
2	Makati	3.33	2	Makati	3.01	2	Makati	2.02
3	Caloocan	2.79	3	Pasay	1.85	3	Malabon	1.36
3	Muntinlupa	2.53	4	Caloocan	1.75	4	Muntinlupa	1.21
4	Pateros	2.28	5	Pasig	1.71	5	Caloocan	1.18
5	Pasig	2.11	6	Malabon	1.63	6	Pasig	1.16
6	San Juan	2.07	7	Pateros	1.61	7	Pasay	1.14
7	Malabon	2.04	8	San Juan	1.50	8	Marikina	1.03
8	Pasay	1.66	9	Muntinlupa	1.45	9	Manila	0.90
9	Manila	1.10	10	Manila	1.21	10	Valenzuela	0.85
9	Quezon City	0.98	11	Valenzuela	0.99	11	San Juan	0.78
10	Valenzuela	0.94	12	Quezon City	0.64	12	Taguig	0.71
11	Navotas	0.92	13	Navotas	0.63	13	Navotas	0.60
12	Taguig	0.91	14	Taguig	0.52	14	Parañaque	0.39
13	Mandaluyong	0.45	15	Parañaque	0.52	15	Quezon City	0.30
14	Parañaque	0.42	16	Las Piñas	0.38	16	Mandaluyong	0.25
15	Las Piñas	0.36	17	Mandaluyong	0.36	16	Las Piñas	0.25

Ranking of Cities/Municipality based on the Total Number of Overweight-for-age Children 0-71 months old in NCR, 2014-2016								
2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	4, 628	1	Caloocan	3, 594	1	Caloocan	2, 482
2	Caloocan	3, 259	2	Quezon City	3, 108	2	Manila	1, 831
3	Marikina	2, 820	3	Manila	2, 206	3	Quezon City	1, 490
4	Manila	2, 145	4	Makati	1, 824	4	Makati	1, 254
5	Makati	1, 921	5	Marikina	1, 816	5	Pasig	1, 214
6	Pasig	1, 899	6	Pasig	1, 639	6	Taguig	883
7	Muntinlupa	1, 347	7	Pasay	1, 019	7	Valenzuela	805
8	Taguig	1, 092	8	Valenzuela	909	8	Muntinlupa	784
9	Malabon	966	9	Muntinlupa	826	9	Pasay	653
10	Pasay	934	10	Malabon	782	10	Malabon	650
11	Valenzuela	847	11	Taguig	629	11	Marikina	470
12	Parañaque	396	12	Parañaque	494	12	Parañaque	383
13	Navotas	371	13	Las Piñas	356	13	Las Piñas	241
14	San Juan	361	14	San Juan	267	14	Navotas	240
15	Las Piñas	331	15	Navotas	258	15	Pateros	171
16	Mandaluyong	244	16	Mandaluyong	201	16	San Juan	147
17	Pateros	183	17	Pateros	130	17	Mandaluyong	139
Total	23, 744		Total	20, 058		Total	13, 837	

Comparison of LGUs accdg. to Prevalence of Overweight-for-age among Children 0-71 months, 2014-2016



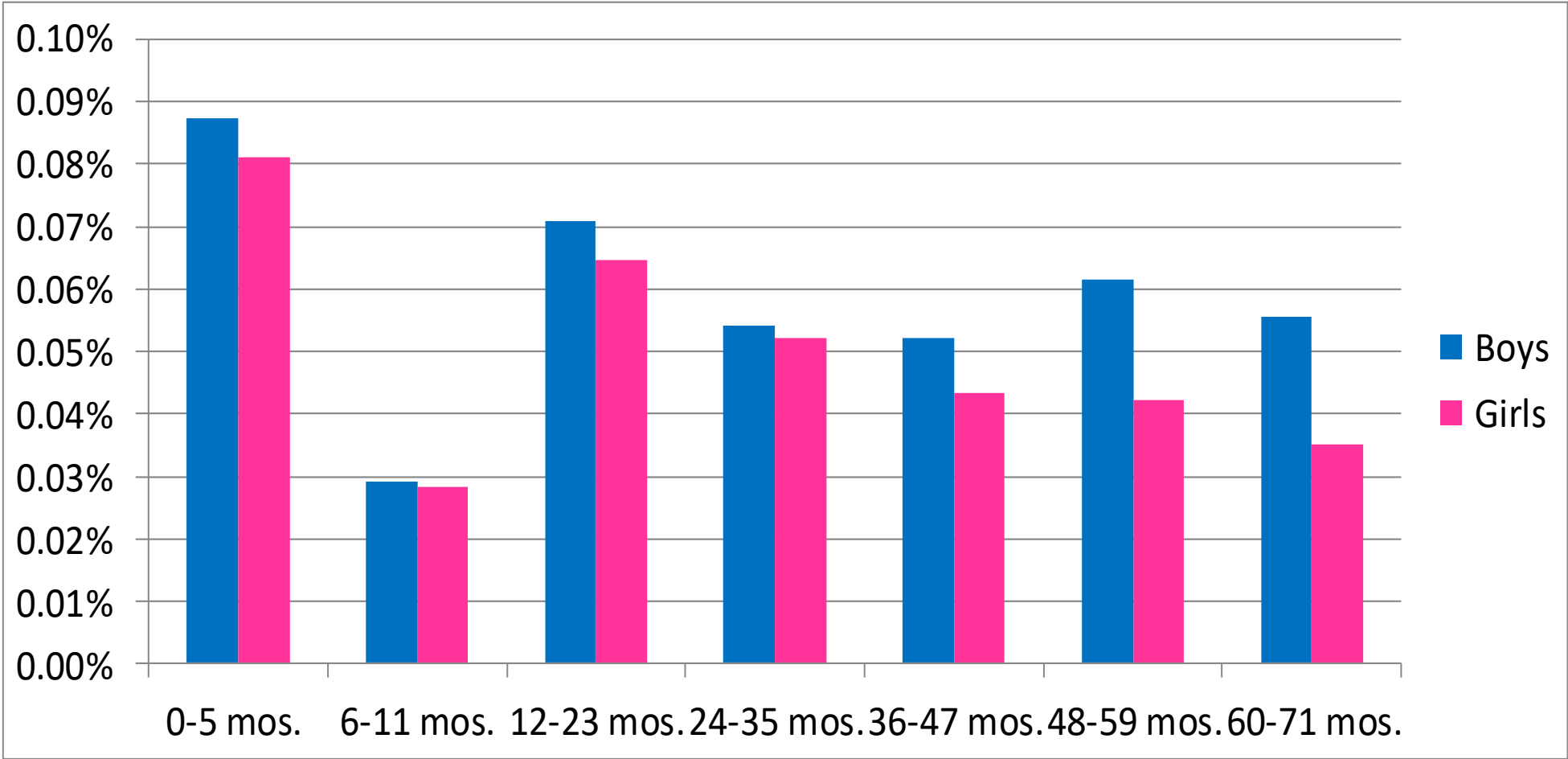
Caloocan
Malabon
Navotas
Quezon City
Marikina

Makati
Muntinlupa
Mandaluyong
San Juan
Pasig

Taguig
Pateros

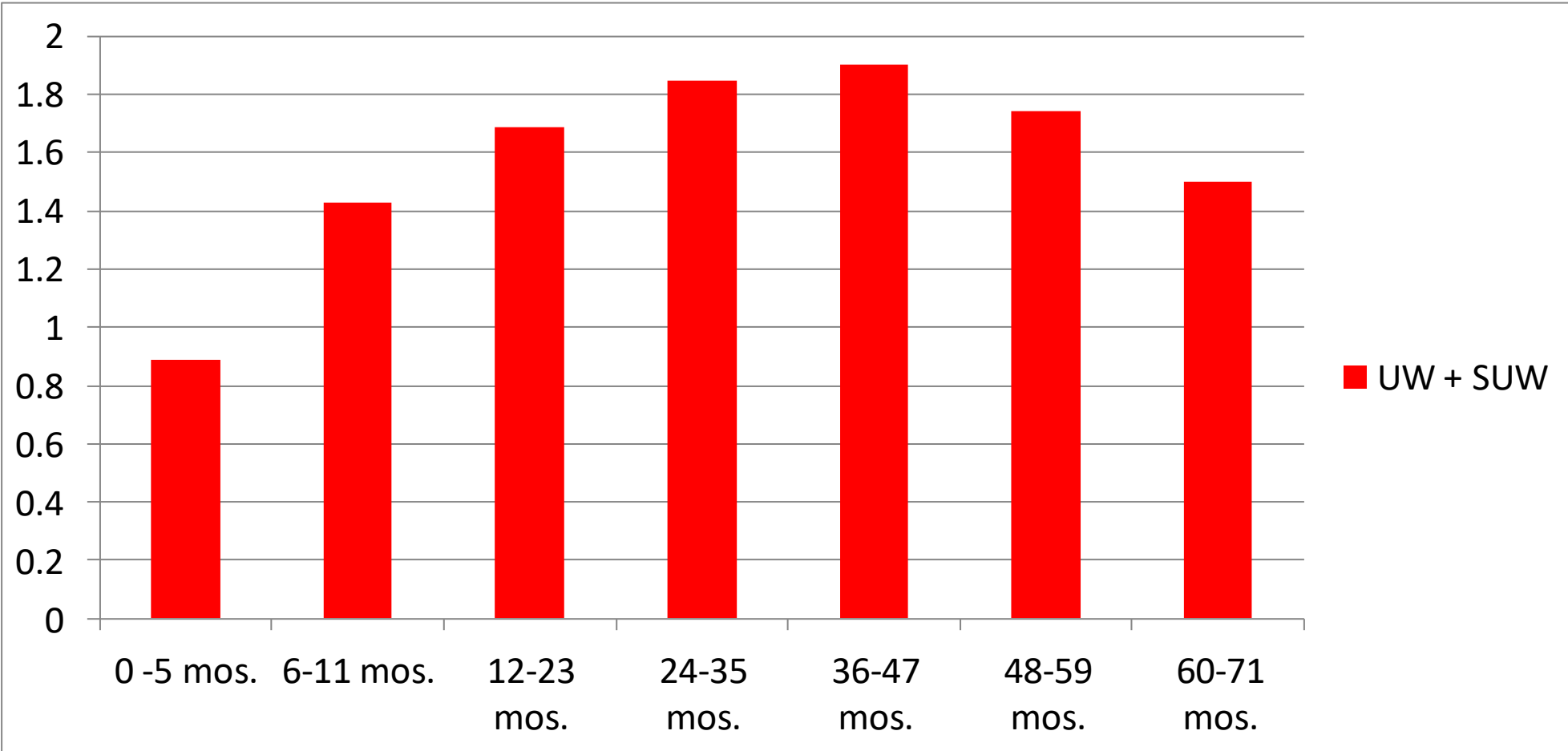
Valenzuela
Manila
Pasay
Las Piñas
Parañaque

2016 Prevalence of Overweight-for-age Children 0-71 months old in NCR, per age group and gender



- Highest prevalence of overnutrition is within 0-5 mos. old for both boys and girls

2016 Prevalence of Underweight and Severely Underweight-for-age Children 0-71 months old in NCR, per age group

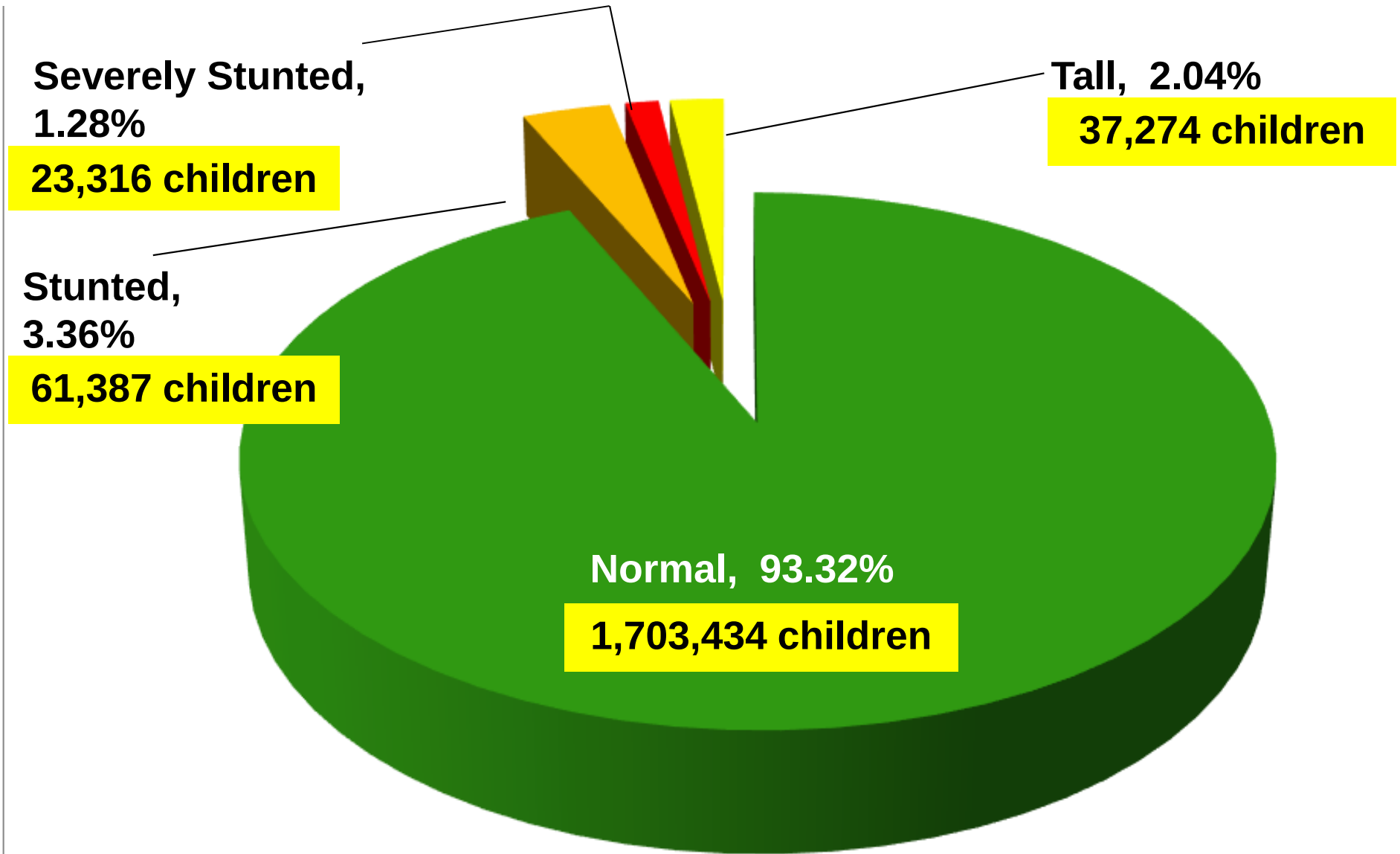


- Increasing trend of underweight from 0-5 mos. until 36-47 mos. then decreasing trend until 60-71 mos.

Nutritional Status of Children (0-71 months)

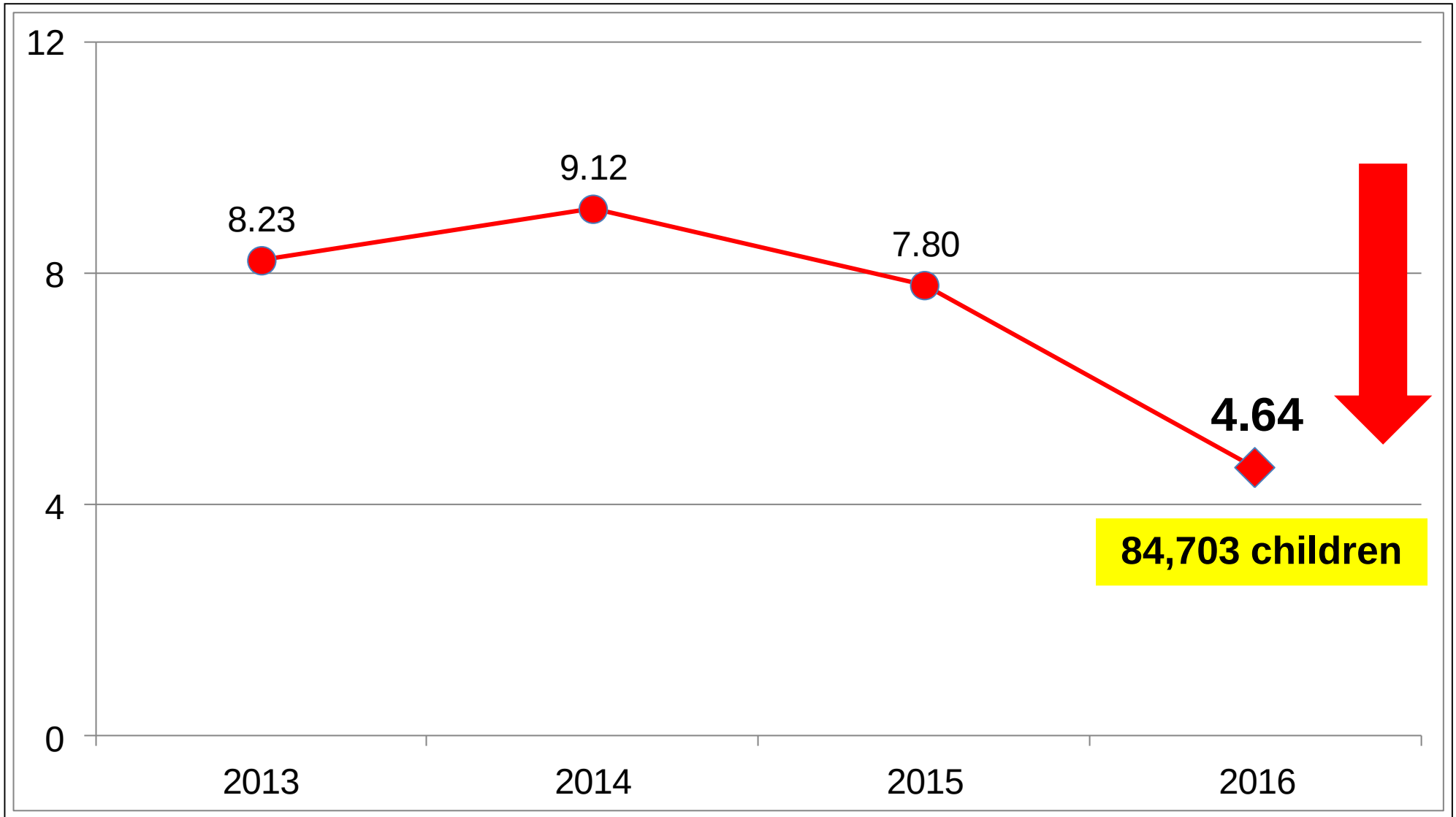
Length/Height-for-Age

2016 Nutritional Status of 0 – 71 months old children, NCR



N = 1,825,411

Prevalence of Stunted and Severely Stunted Children 0-71 months old, NCR, 2013-2016



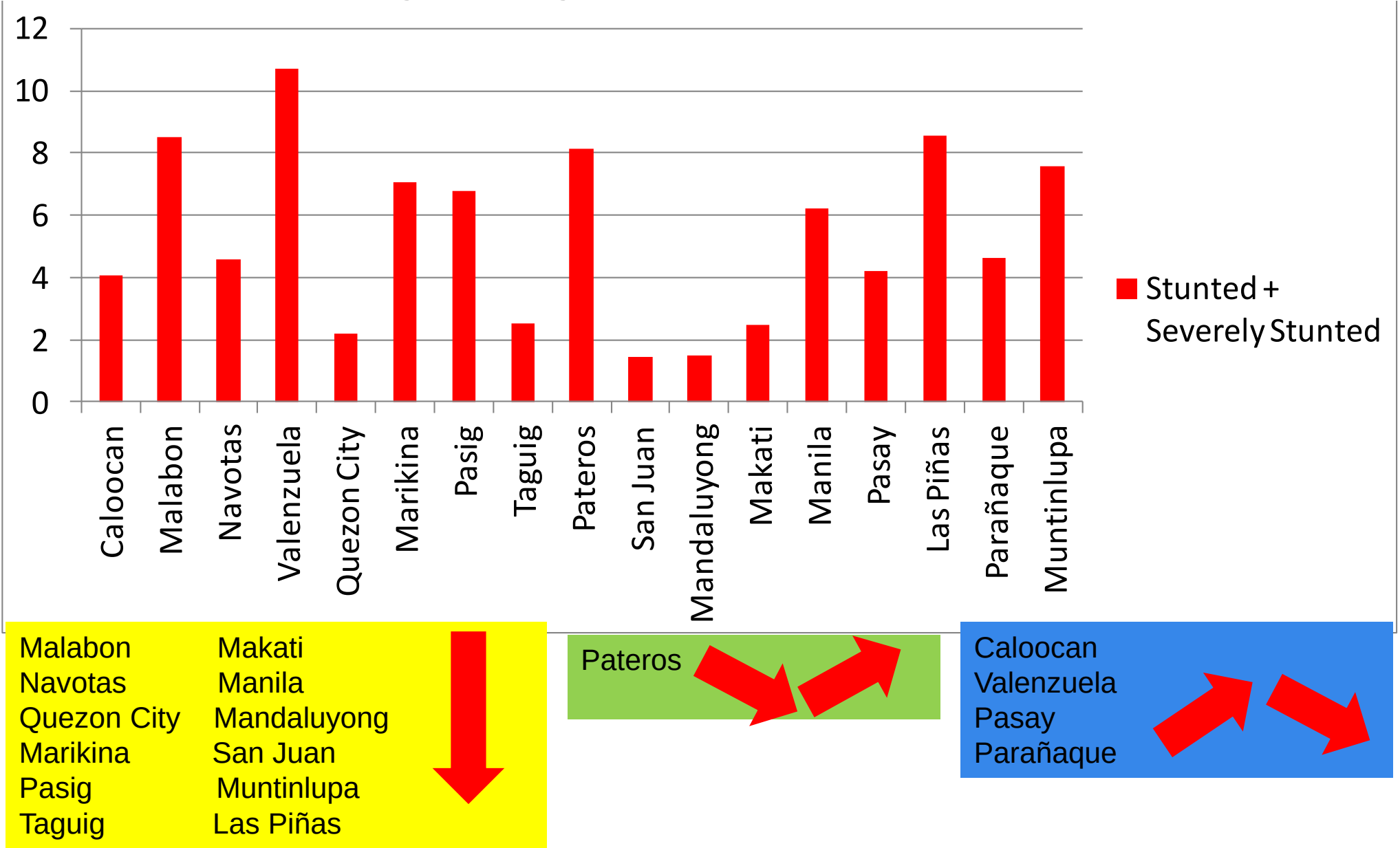
Ranking of Cities/Municipality based on Prevalence of Stunting and Severe Stunting among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Muntinlupa	15.85	1	Las Piñas	14.65	1	Valenzuela	10.72
2	Marikina	15.38	2	Valenzuela	12.87	2	Las Piñas	8.54
3	Taguig	15.31	3	Muntinlupa	12.46	3	Malabon	8.52
4	Malabon	14.86	4	Taguig	12.14	4	Pateros	8.11
5	Las Piñas	14.74	5	Malabon	11.60	5	Muntinlupa	7.59
6	Pateros	12.61	6	Marikina	11.35	6	Marikina	7.05
7	Pasig	12.03	7	Parañaque	10.95	7	Pasig	6.79
8	Valenzuela	11.20	8	Pasig	9.52	8	Manila	6.19
9	Parañaque	10.37	9	Caloocan	8.35	9	Parañaque	4.61
10	Navotas	8.16	10	Manila	7.72	10	Navotas	4.56
11	Manila	8.10	11	Navotas	7.71	11	Pasay	4.22
12	Caloocan	6.41	12	Pasay	6.40	12	Caloocan	4.06
13	Quezon City	6.18	13	Pateros	5.59	13	Taguig	2.53
14	Pasay	5.76	14	San Juan	4.23	14	Makati	2.46
15	San Juan	5.32	15	Makati	3.83	15	Quezon City	2.18
16	Makati	4.71	16	Quezon City	3.47	16	Mandaluyong	1.50
17	Mandaluyong	3.41	17	Mandaluyong	2.16	17	San Juan	1.44

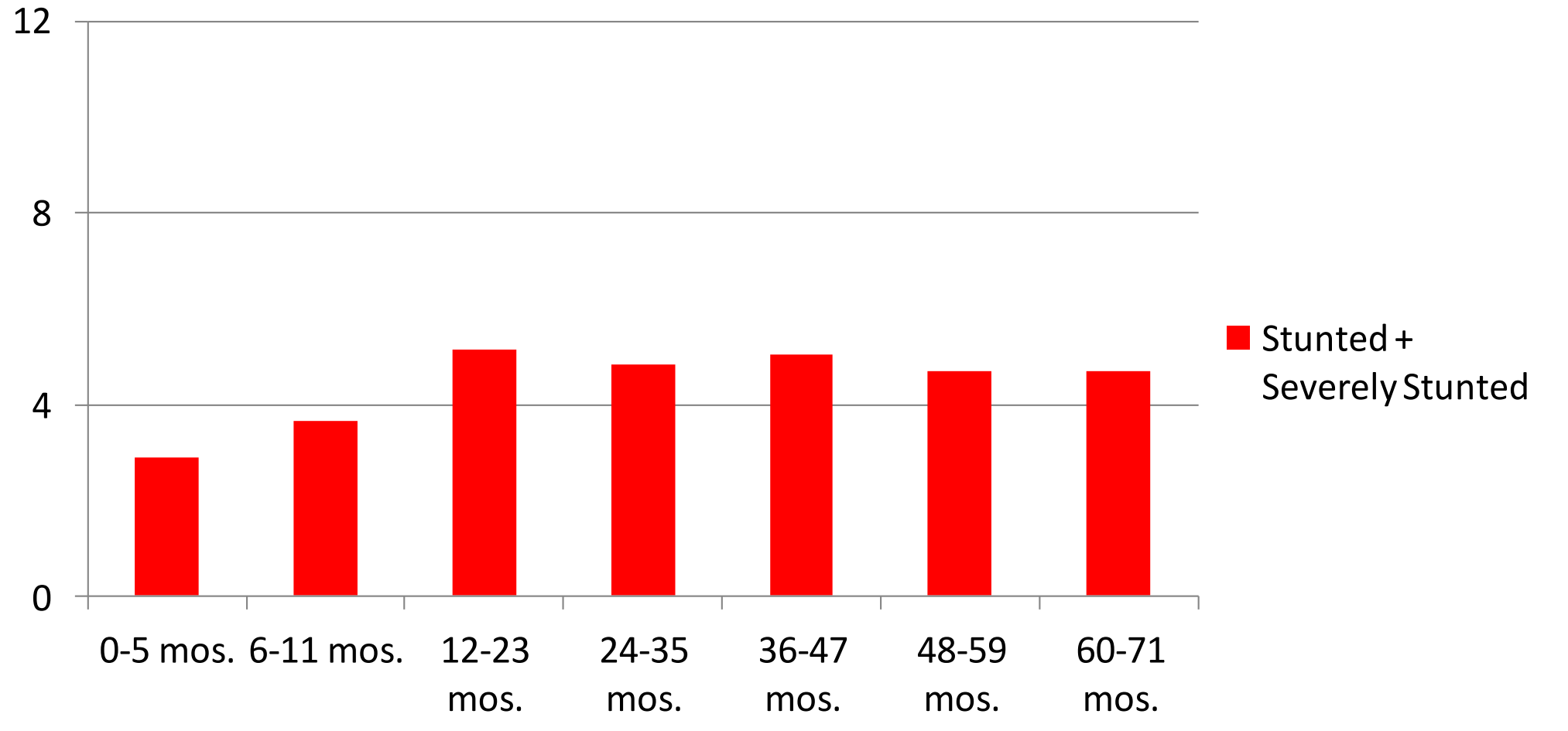
Ranking of Cities/Municipality based on the Total Number of Stunted and Severely Stunted children 0-71 months old in NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	29,037	1	Caloocan	17,163	1	Manila	12, 583
2	Taguig	18,362	2	Quezon City	16,743	2	Quezon City	10, 763
3	Manila	15,785	3	Taguig	14,720	3	Valenzuela	10, 105
4	Las Piñas	13,689	4	Manila	14,042	4	Caloocan	8, 565
5	Pasig	10,828	5	Las Piñas	13,884	5	Las Piñas	8, 160
6	Valenzuela	10,121	6	Valenzuela	11,819	6	Pasig	7, 090
7	Parañaque	9,701	7	Parañaque	10,478	7	Muntinlupa	4, 936
8	Muntinlupa	8,002	8	Pasig	9,146	8	Parañaque	4, 549
9	Caloocan	7,482	9	Muntinlupa	7,122	9	Malabon	4, 067
10	Malabon	7,053	10	Malabon	5,563	10	Marikina	3, 231
11	Marikina	6,853	11	Marikina	4,962	11	Taguig	3, 162
12	Navotas	3,303	12	Pasay	3,524	12	Pasay	2, 427
13	Pasay	3,234	13	Navotas	3,166	13	Navotas	1, 816
14	Makati	2,715	14	Makati	2,314	14	Makati	1, 524
15	Mandaluyong	1,853	15	Mandaluyong	1,201	15	Mandaluyong	839
16	Pateros	1,016	16	San Juan	753	16	Pateros	615
17	San Juan	926	17	Pateros	451	17	San Juan	271
Total	149, 960		Total	137, 051		Total	84, 703	

Comparison of LGUs accdg. to Prevalence of Stunting and Severe Stunting among Children 0-71 months, 2016



Prevalence of Stunting and Severe Stunting among Children 0-71 months old in NCR, per age group, 2016

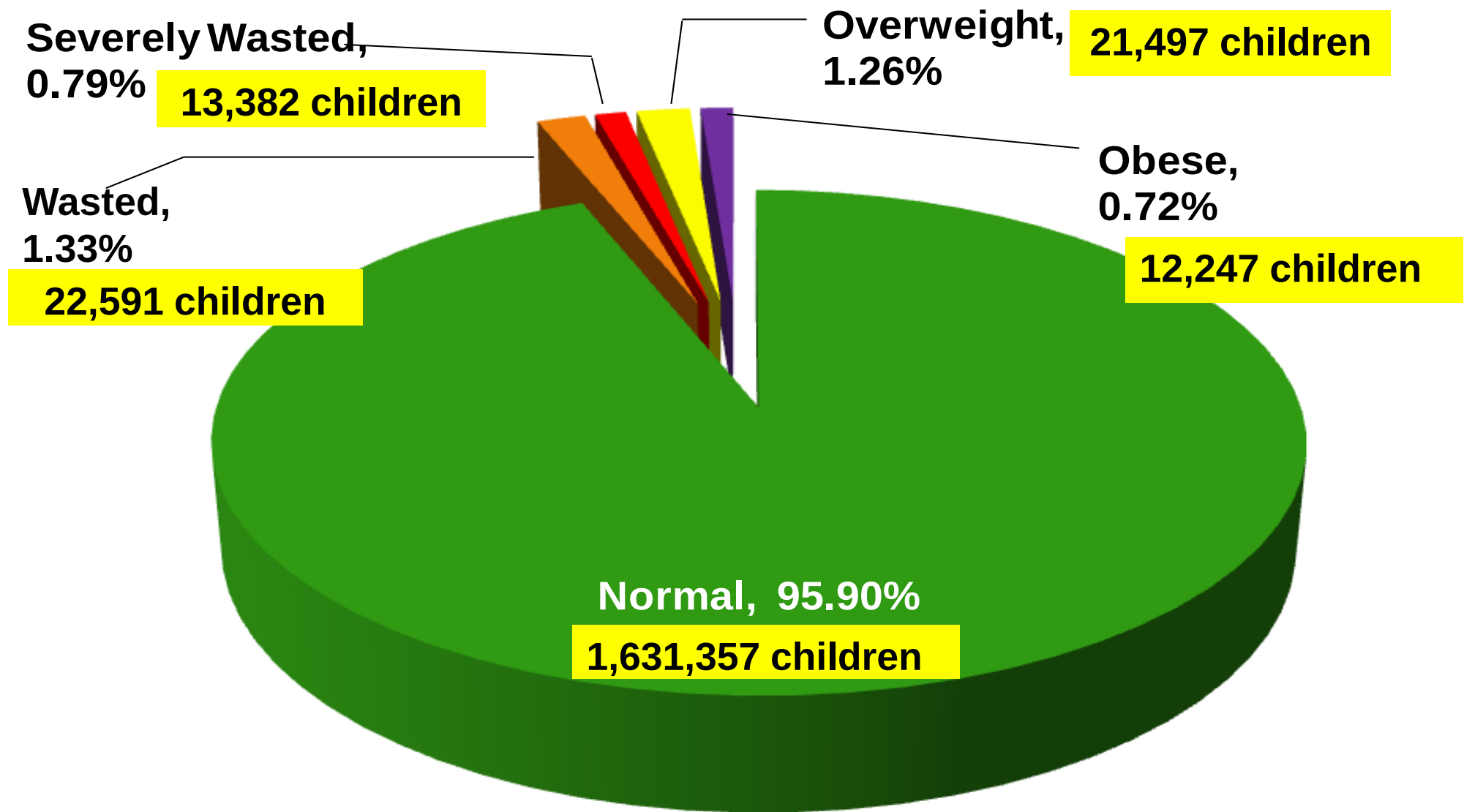


- Highest prevalence of stunting is among 36-47 mos. old
- Increasing trend of stunting from 0-5 mos. until 12-23 mos.

Nutritional Status of Children (0-71 months)

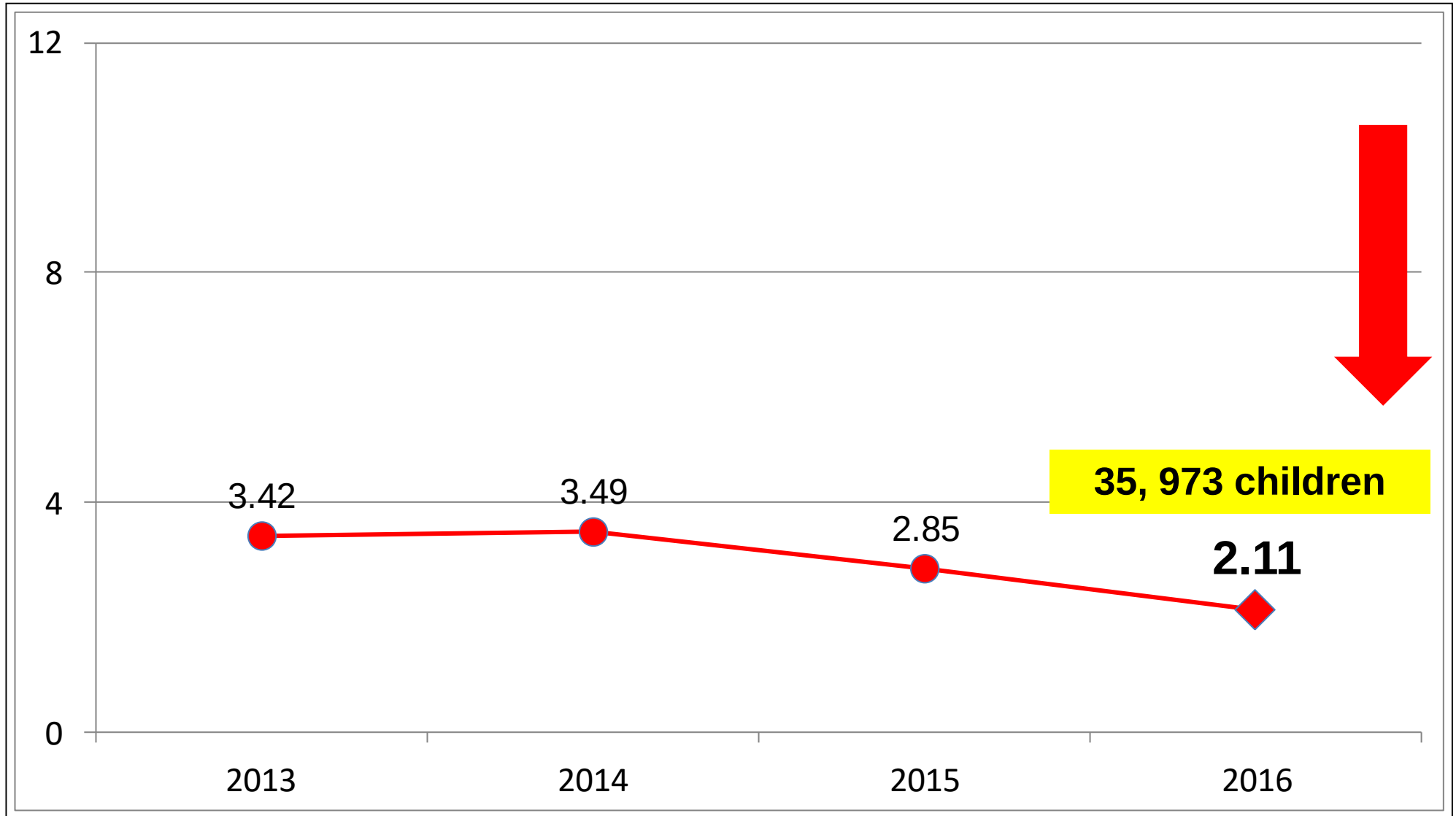
Weight-for-Length/Height

2016 Nutritional Status of 0 – 71 months old children, NCR



N = 1,701,074

Prevalence of Wasting and Severe Wasting among Children 0-71 months old, NCR, 2013-2016

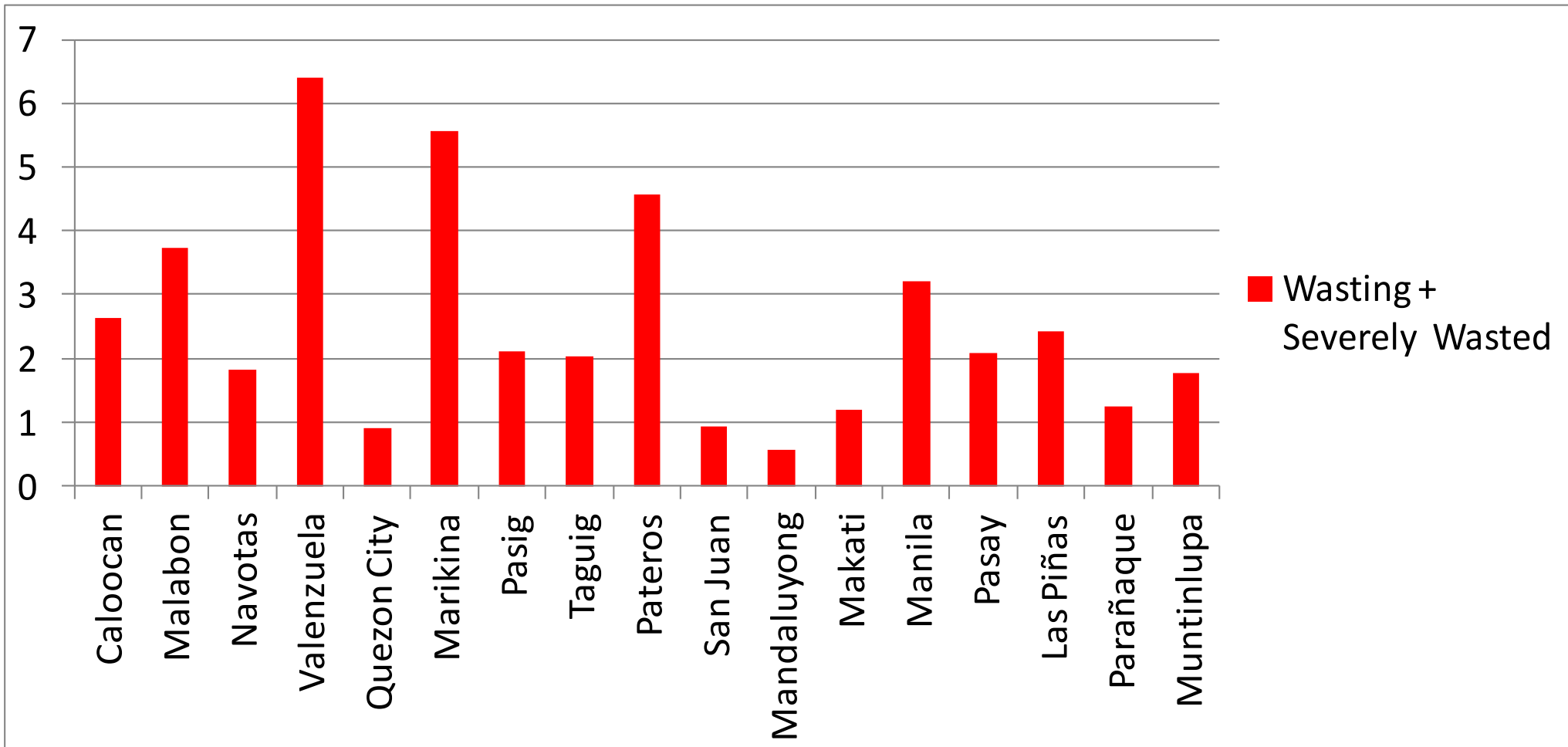


Ranking of Cities/Municipality based on Prevalence of Wasting and Severe Wasting among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Marikina	7.34	1	Marikina	7.87	1	Valenzuela	6.41
2	Malabon	6.64	2	Muntinlupa	4.68	2	Marikina	5.56
3	Muntinlupa	5.91	3	Malabon	4.45	3	Pateros	4.56
4	Caloocan	5.17	4	Las Piñas	4.08	4	Malabon	3.73
5	Taguig	4.66	5	Valenzuela	3.90	5	Manila	3.22
6	Pateros	4.23	6	Caloocan	3.81	6	Caloocan	2.62
7	Las Piñas	4.17	7	Taguig	3.72	7	Las Piñas	2.42
8	Pasig	3.92	8	Pateros	3.41	8	Pasig	2.11
9	Manila	3.73	9	Manila	3.22	9	Pasay	2.09
10	Valenzuela	3.63	10	Pasay	2.83	10	Taguig	2.03
11	Parañaque	3.51	11	Pasig	2.78	11	Navotas	1.81
12	San Juan	3.23	11	Navotas	2.78	12	Muntinlupa	1.78
13	Pasay	2.48	12	Parañaque	2.54	13	Parañaque	1.25
14	Quezon City	2.23	13	San Juan	2.33	14	Makati	1.19
15	Mandaluyong	2.22	14	Makati	1.41	15	San Juan	0.92
16	Navotas	2.12	15	Quezon City	1.38	16	Quezon City	0.91
17	Makati	1.48	16	Mandaluyong	1.04	17	Mandaluyong	0.56

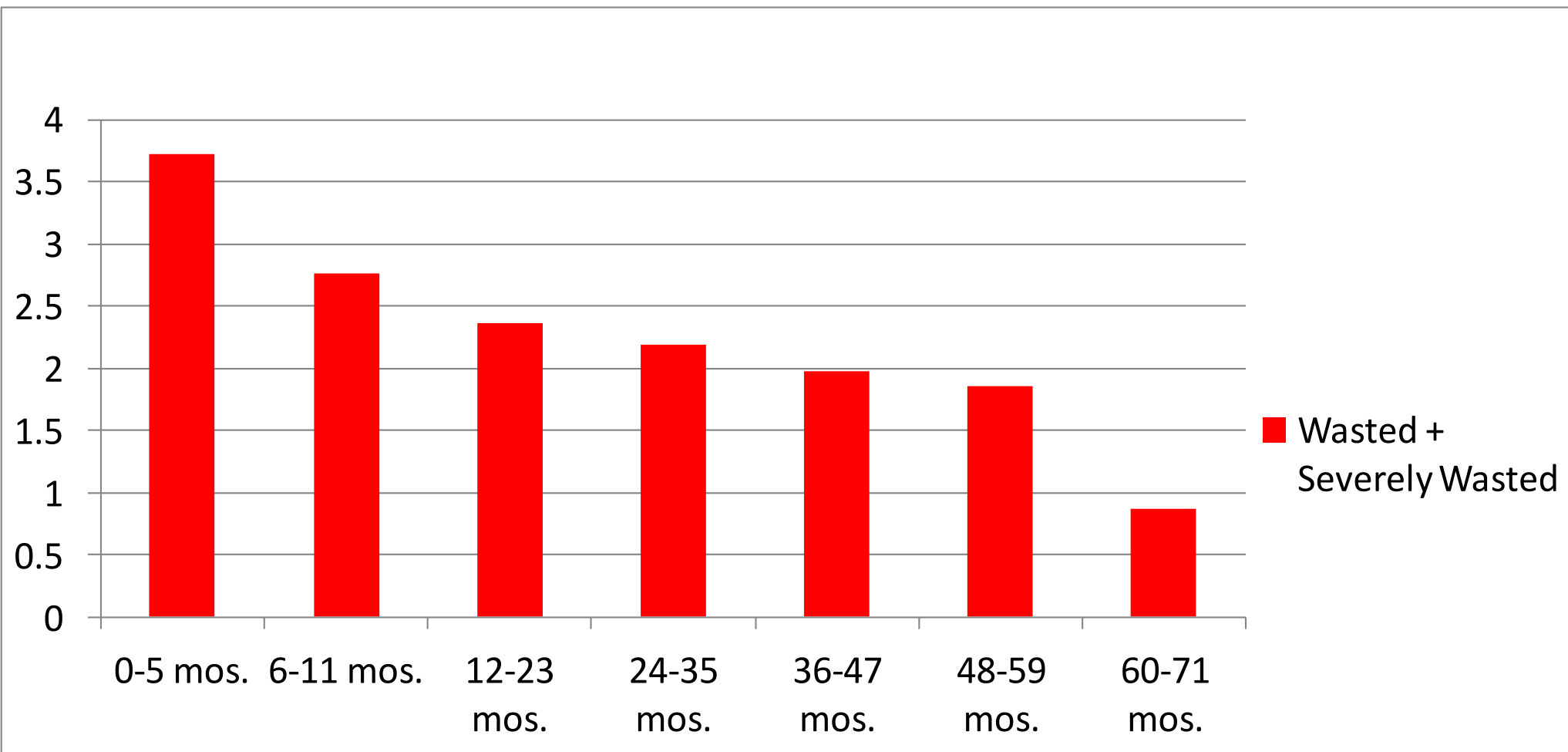
Ranking of Cities/Municipality based on the Total Number of Wasted and Severely Wasted among children 0-71 months old in NCR, 2014-2016								
2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	10,492	1	Caloocan	7,822	1	Manila	6,550
2	Manila	7,263	2	Quezon City	6,657	2	Valenzuela	4,984
3	Caloocan	6,031	3	Manila	5,865	3	Caloocan	4,562
4	Taguig	5,593	4	Taguig	4,512	4	Quezon City	4,470
5	Las Piñas	3,870	5	Las Piñas	3,870	5	Taguig	2,296
6	Pasig	3,530	6	Valenzuela	3,582	6	Pasig	2,207
7	Valenzuela	3,276	7	Marikina	2,692	7	Marikina	2, 053
8	Parañaque	2,732	8	Pasig	2,669	8	Las Piñas	1,867
9	Muntinlupa	2,643	9	Muntinlupa	2,644	9	Malabon	1,504
10	Marikina	2,636	10	Parañaque	2,431	10	Parañaque	1,232
11	Malabon	2,566	11	Malabon	1,730	11	Pasay	1,202
12	Pasay	1,391	12	Pasay	1,557	12	Muntinlupa	949
13	Mandaluyong	1,205	13	Navotas	1,140	13	Navotas	720
14	Navotas	858	14	Makati	694	14	Makati	601
15	Makati	713	15	Mandaluyong	577	15	Mandaluyong	311
16	San Juan	687	16	San Juan	414	16	Pateros	292
17	Pateros	289	17	Pateros	275	17	San Juan	173
Total	55, 775		Total	49, 131		Total	35, 973	

Comparison of LGUs according to Wasting and Severely Wasting among Children 0-71 months, NCR, 2016



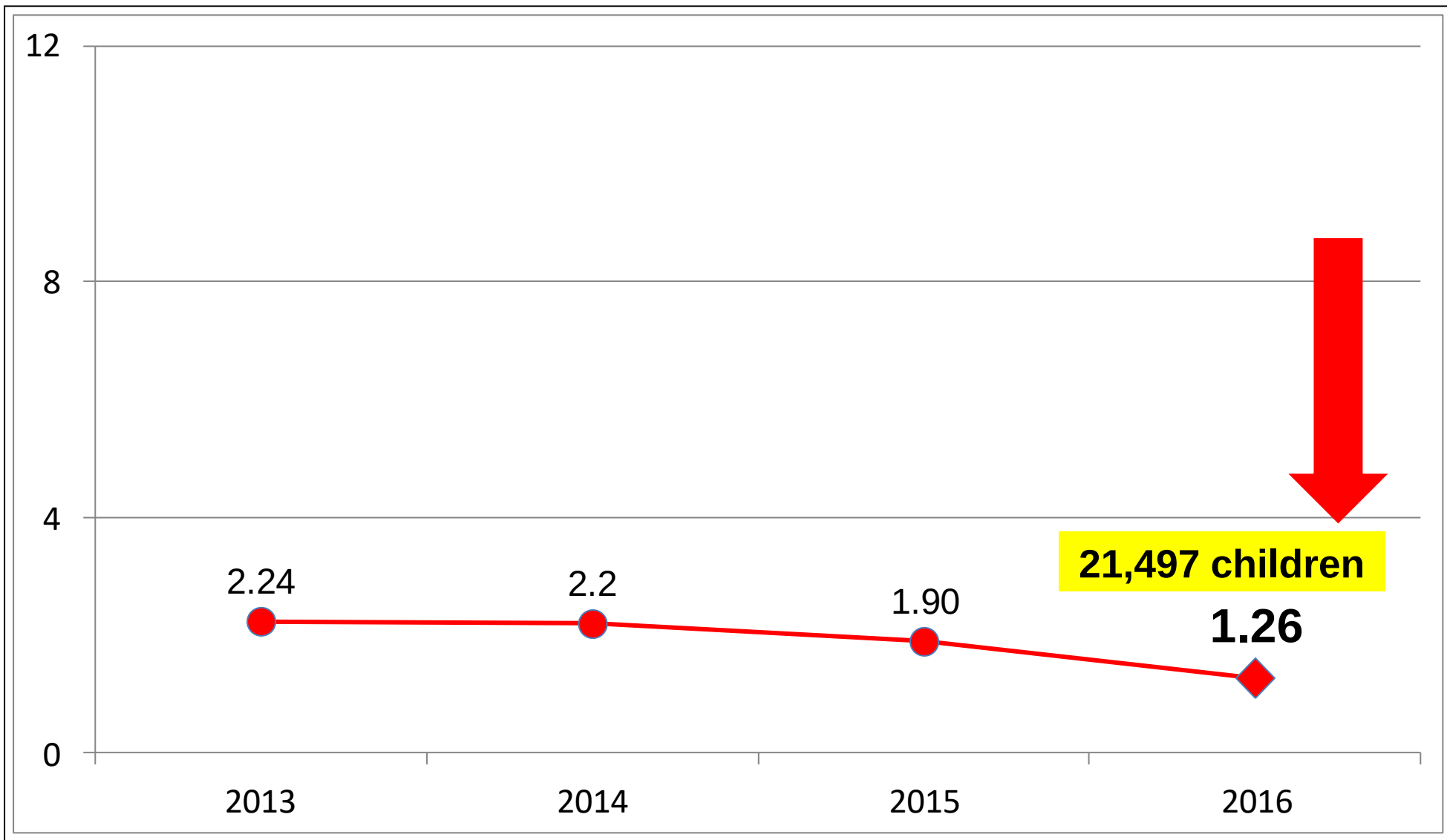
- **Valenzuela** has the highest prevalence of wasting

Prevalence of Wasting and Severe Wasting among Children 0-71 months old in NCR, per age group, 2016



Highest prevalence of wasting and severe wasting is found in children 0-5 months.

Prevalence of Overweight-for-length/height among Children 0-71 months old, NCR, 2013-2016



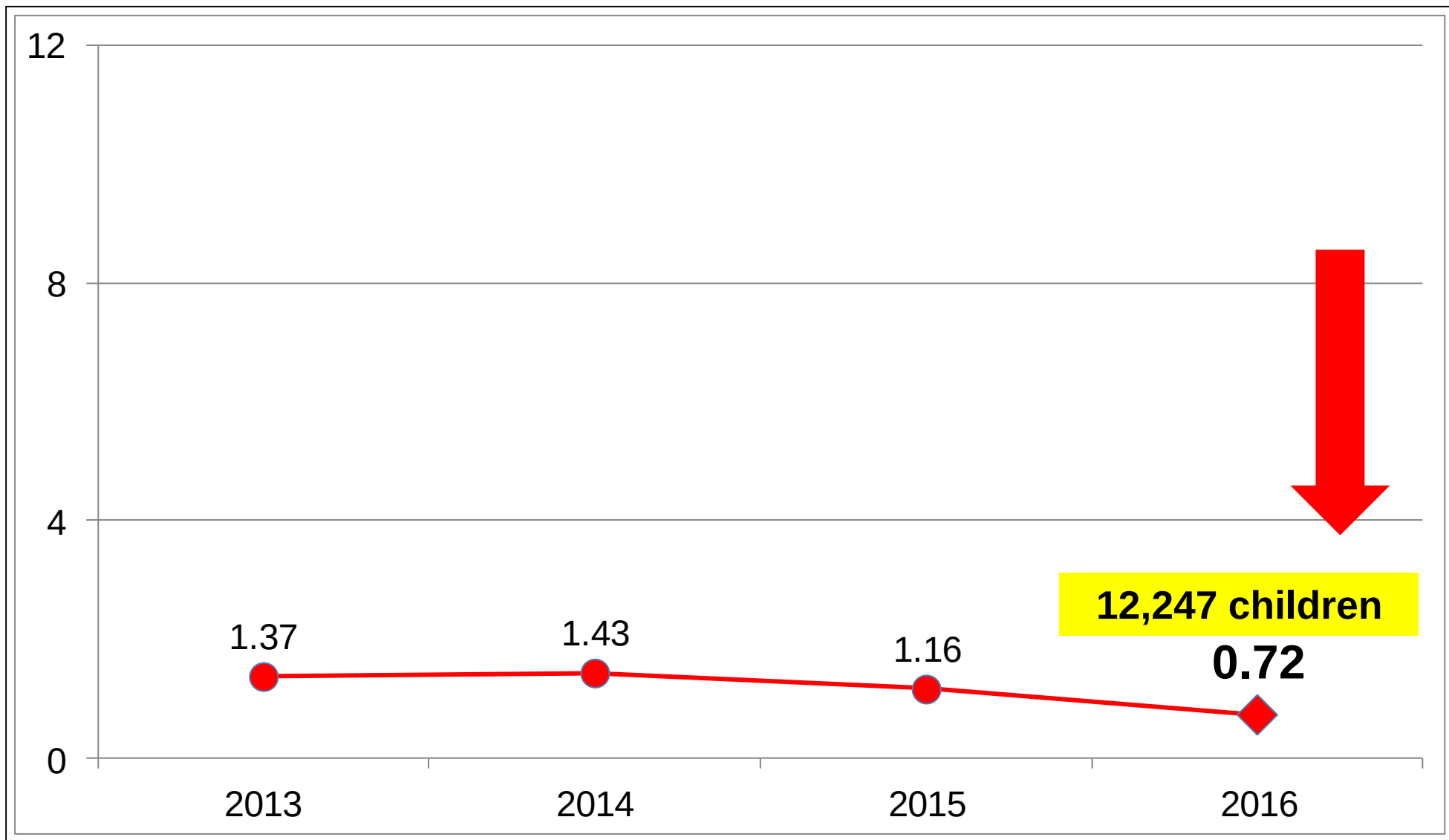
Ranking of Cities/Municipality based on Prevalence of Overweight-for-length/height among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Marikina	6.55	1	Marikina	5.69	1	Marikina	3.65
2	Taguig	3.40	2	Taguig	4.17	2	Pateros	3.01
3	Malabon	3.20	3	Muntinlupa	2.96	3	Pasay	2.61
4	Pasig	3.08	4	Valenzuela	2.93	3	Valenzuela	2.61
5	Caloocan	2.95	5	Makati	2.92	4	Taguig	2.25
6	Pateros	2.87	6	Malabon	2.80	5	San Juan	2.08
7	Muntinlupa	2.86	7	Pateros	2.54	6	Pasig	1.94
8	San Juan	2.75	8	Pasig	2.44	7	Malabon	1.77
9	Makati	2.70	9	Caloocan	2.12	8	Muntinlupa	1.70
10	Mandaluyong	1.95	10	Las Piñas	1.78	9	Makati	1.62
11	Valenzuela	1.93	11	San Juan	1.59	10	Caloocan	1.31
12	Las Piñas	1.79	12	Pasay	1.58	11	Navotas	1.23
13	Quezon City	1.78	13	Manila	1.52	12	Manila	1.10
14	Manila	1.64	14	Parañaque	1.26	13	Parañaque	0.93
15	Pasay	1.15	15	Navotas	1.06	14	Las Piñas	0.87
16	Parañaque	1.15	16	Quezon City	0.91	15	Quezon City	0.45
17	Navotas	1.00	17	Mandaluyong	0.69	16	Mandaluyong	0.40

Ranking of Cities/Municipality based on the Total Number of Overweight-for-length/height Children 0-71 months old in NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	10,492	1	Caloocan	7,822	1	Taguig	2,551
2	Manila	7,263	2	Quezon City	6,657	2	Caloocan	2,279
3	Caloocan	6,031	3	Manila	5,865	3	Manila	2,228
4	Taguig	5,593	4	Taguig	4,512	4	Quezon City	2,210
5	Las Piñas	3,870	5	Las Piñas	3,870	5	Pasig	2,028
6	Pasig	3,530	6	Valenzuela	3,582	6	Valenzuela	2,025
7	Valenzuela	3,276	7	Marikina	2,692	7	Pasay	1,499
8	Parañaque	2,732	8	Pasig	2,669	8	Marikina	1,349
9	Muntinlupa	2,643	9	Muntinlupa	2,644	9	Parañaque	916
10	Marikina	2,636	10	Parañaque	2,431	10	Muntinlupa	909
11	Malabon	2,566	11	Malabon	1,730	11	Makati	820
12	Pasay	1,391	12	Pasay	1,557	12	Malabon	715
13	Mandaluyong	1,205	13	Navotas	1,140	13	Las Piñas	673
14	Navotas	858	14	Makati	694	14	Navotas	489
15	Makati	713	15	Mandaluyong	577	15	San Juan	390
16	San Juan	687	16	San Juan	414	16	Mandaluyong	223
17	Pateros	289	17	Pateros	275	17	Pateros	193
Total	35, 092		Total	32, 836		Total	21, 497	

Prevalence of Obese Children 0-71 months old, NCR, 2013-2016



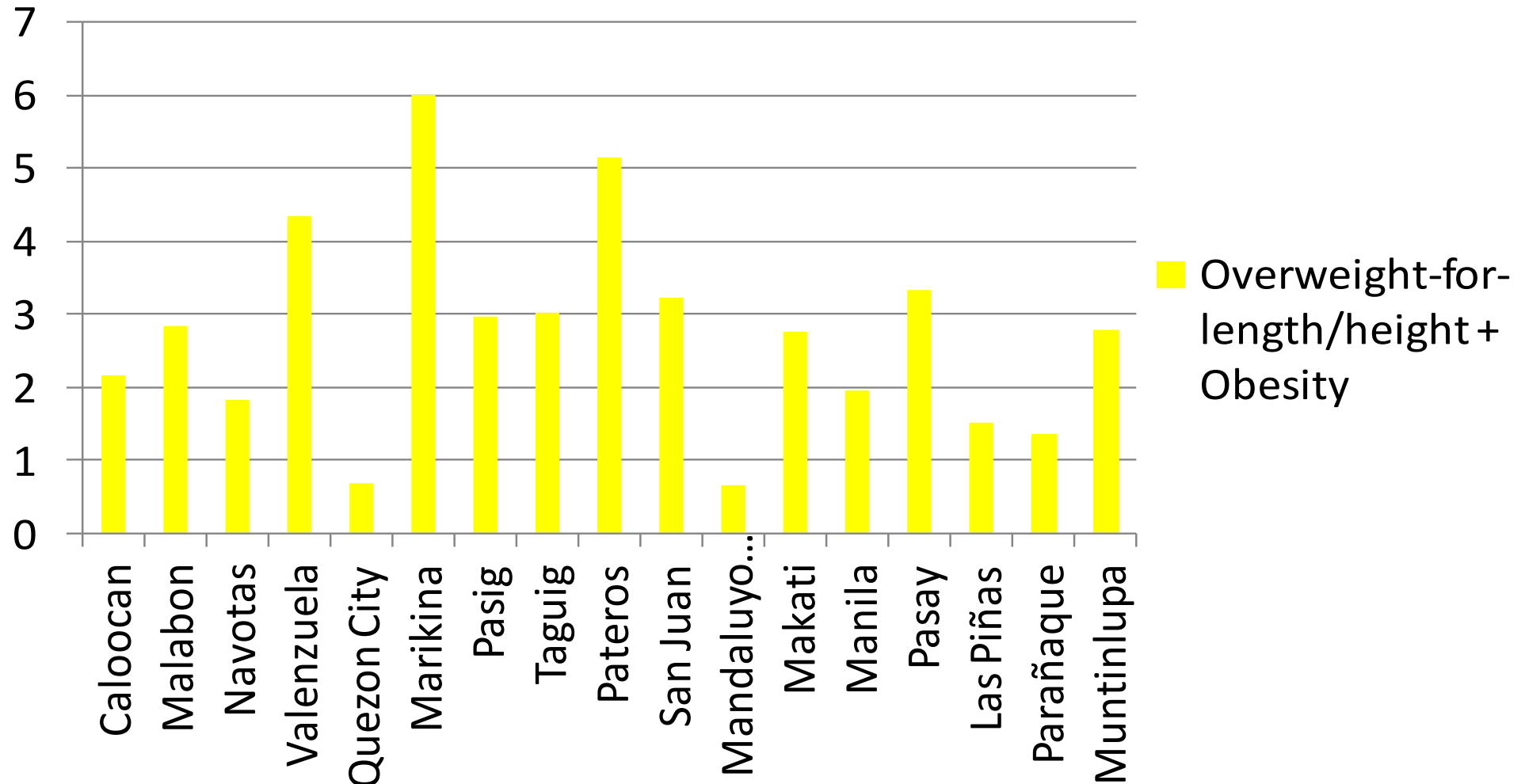
Ranking of Cities/Municipality based on Prevalence of Obesity among children 0-71 months old, NCR, 2014-2016

2014			2015			2016		
Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate	Rank	Cities/ Municipality	% Prev. Rate
1	Marikina	5.54	1	Marikina	4.77	1	Marikina	2.35
2	Muntinlupa	2.20	2	Makati	1.92	2	Pateros	2.15
3	Pateros	2.18	3	Muntinlupa	1.87	3	Valenzuela	1.74
4	Caloocan	2.09	4	Valenzuela	1.85	4	Makati	1.15
5	Pasig	2.04	5	Taguig	1.82	5	San Juan	1.14
6	Makati	1.90	6	Pateros	1.75	6	Muntinlupa	1.09
7	Taguig	1.88	7	Pasig	1.56	7	Malabon	1.08
8	San Juan	1.77	8	Malabon	1.52	8	Pasig	1.02
9	Malabon	1.70	9	San Juan	1.36	9	Caloocan	0.86
10	Valenzuela	1.48	10	Caloocan	1.32	10	Manila	0.85
11	Manila	1.34	11	Manila	1.21	11	Taguig	0.77
12	Las Piñas	1.20	12	Las Piñas	1.19	12	Pasay	0.73
13	Quezon City	0.98	13	Pasay	0.95	13	Las Piñas	0.65
14	Pasay	0.82	14	Parañaque	0.65	14	Navotas	0.59
15	Mandaluyong	0.76	15	Navotas	0.59	15	Parañaque	0.42
16	Navotas	0.73	16	Quezon City	0.48	16	Mandaluyong	0.26
17	Parañaque	0.57	17	Mandaluyong	0.35	17	Quezon City	0.24

Ranking of Cities/Municipality based on the Total Number of Obese among children 0-71 months old in NCR, 2014-2016

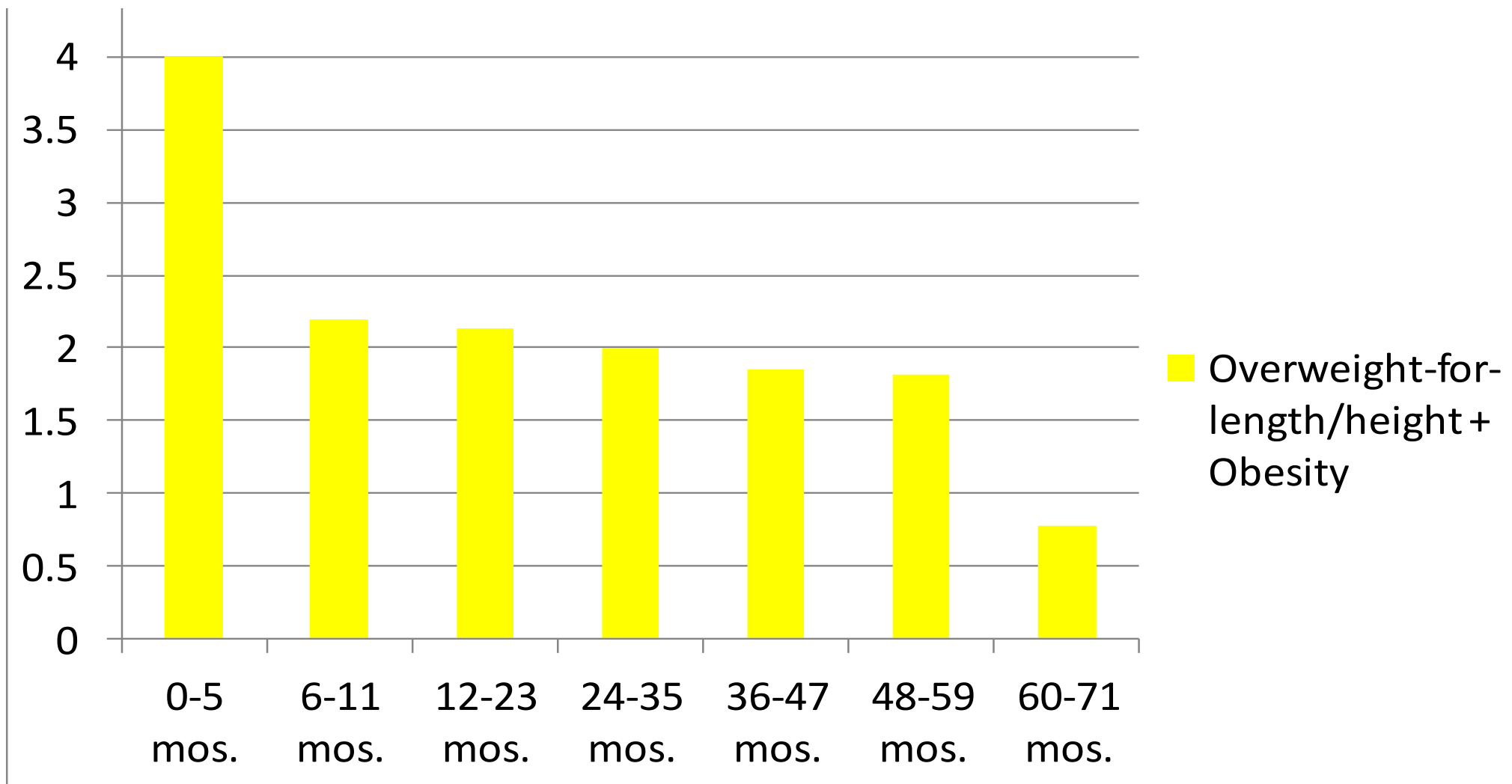
2014			2015			2016		
Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children	Rank	Cities/ Municipality	Total # of Children
1	Quezon City	4,602	1	Caloocan	2,710	1	Manila	1,727
2	Manila	2,620	2	Quezon City	2,320	2	Caloocan	1,499
3	Caloocan	2,437	3	Taguig	2,210	3	Valenzuela	1,349
4	Taguig	2,252	4	Manila	2,209	4	Quezon City	1,205
5	Marikina	1,989	5	Valenzuela	1,700	5	Pasig	1,065
6	Pasig	1,835	6	Marikina	1,632	6	Taguig	870
7	Valenzuela	1,339	7	Pasig	1,494	7	Marikina	869
8	Las Piñas	1,118	8	Las Piñas	1,125	8	Muntinlupa	580
9	Muntinlupa	982	9	Muntinlupa	1,059	9	Makati	579
10	Makati	919	10	Makati	946	10	Las Piñas	505
11	Malabon	658	11	Parañaque	621	11	Malabon	436
12	Pasay	458	12	Malabon	590	12	Pasay	418
13	Parañaque	443	13	Pasay	521	13	Parañaque	413
14	Mandaluyong	411	14	Navotas	242	14	Navotas	236
15	San Juan	308	15	San Juan	241	15	San Juan	214
16	Navotas	296	16	Mandaluyong	194	16	Mandaluyong	144
17	Pateros	149	17	Pateros	141	17	Pateros	138
Total	22, 816		Total	19, 955		Total	12, 247	

Comparison of LGUs according to Overweight-for-length/height and obesity among Children 0-71 months, NCR, 2016



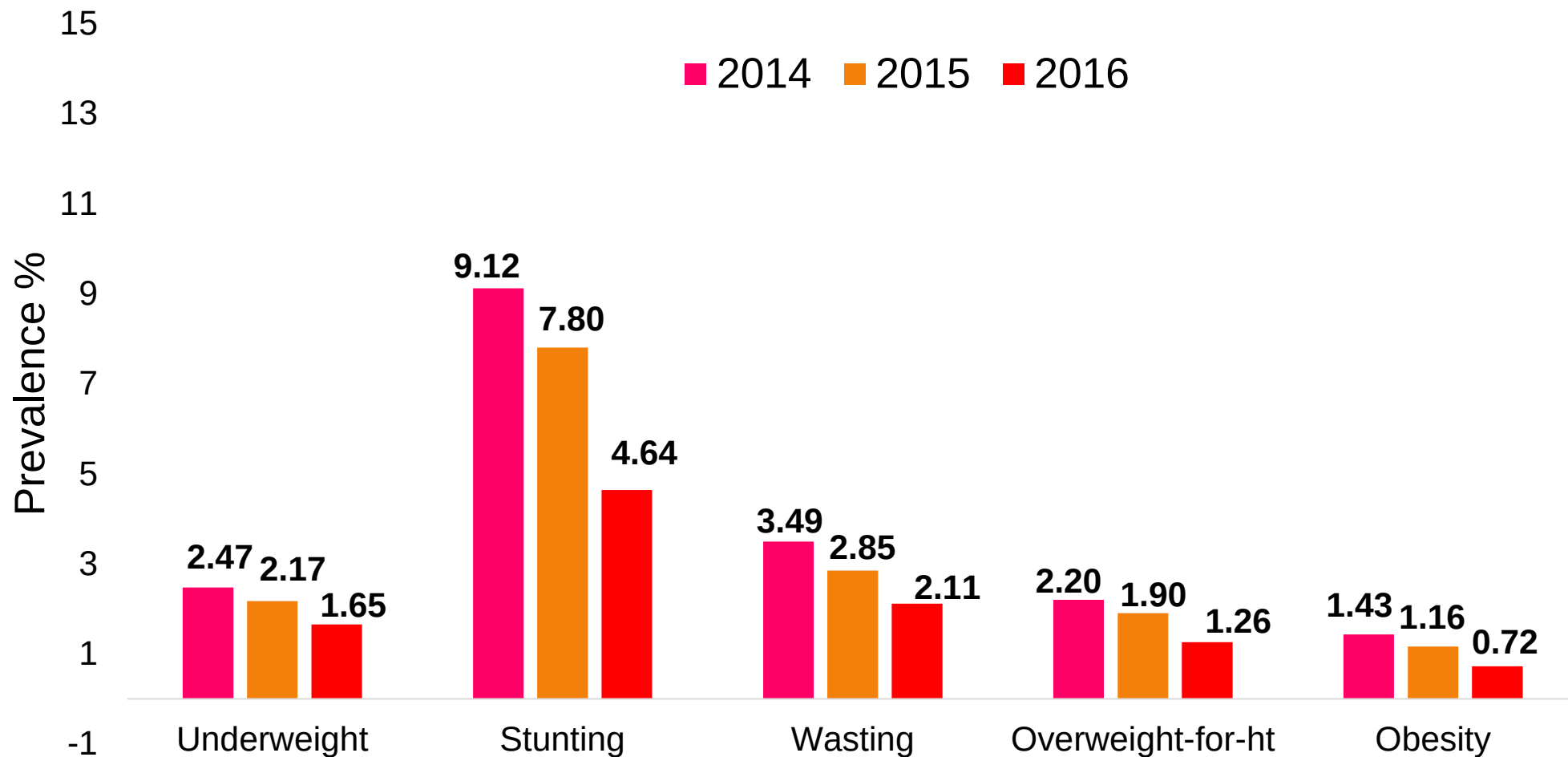
- **Marikina** has the highest prevalence of both overweight and obesity.

Prevalence of Overweight-for-Length/Height and Obesity among Children 0-71 months old in NCR, per age group, 2016

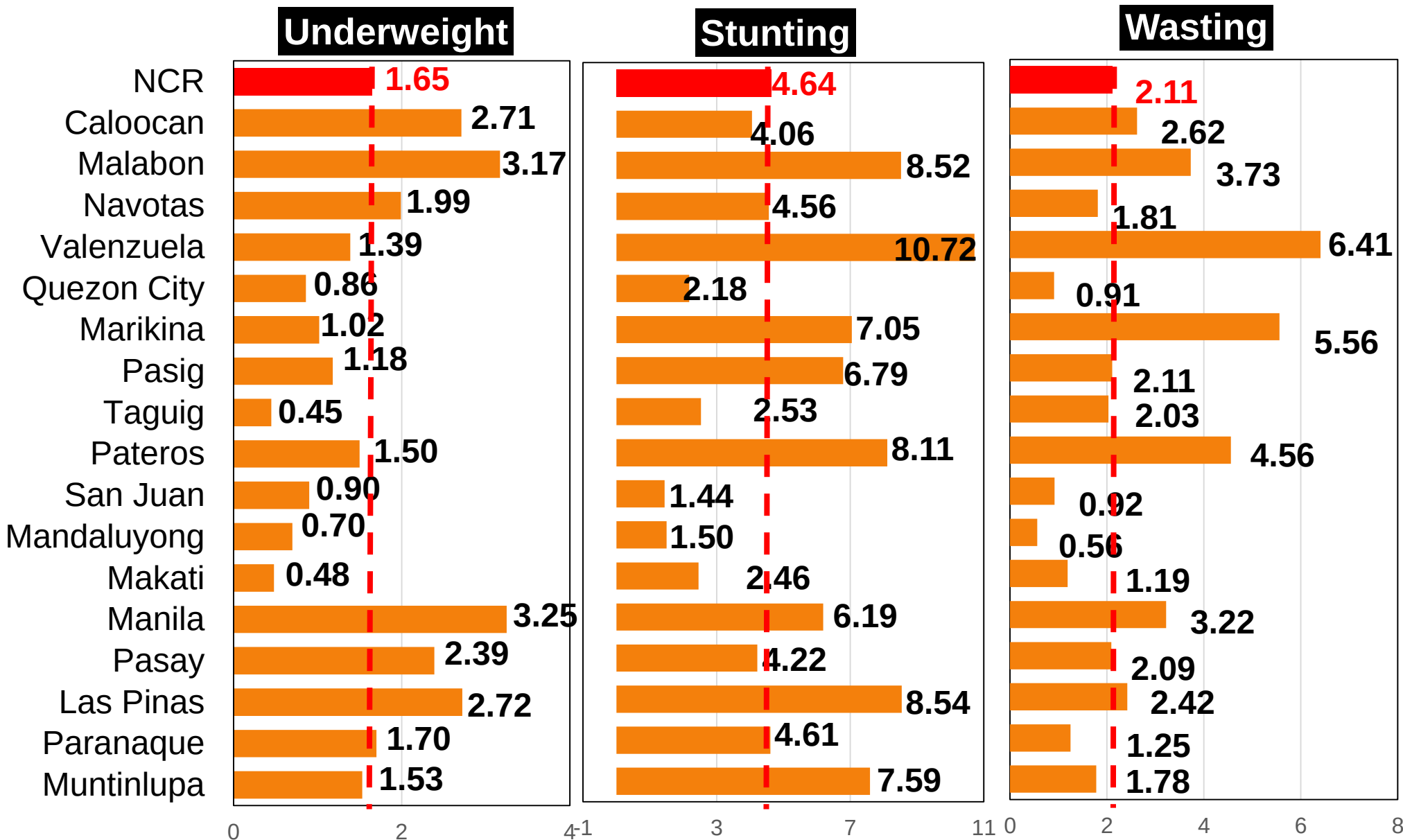


Highest prevalence of **overweight-for-length/height and obesity** is found in children **0-5 months**.

Prevalence of malnourished among Children 0-71 months old in NCR, 2014-2016

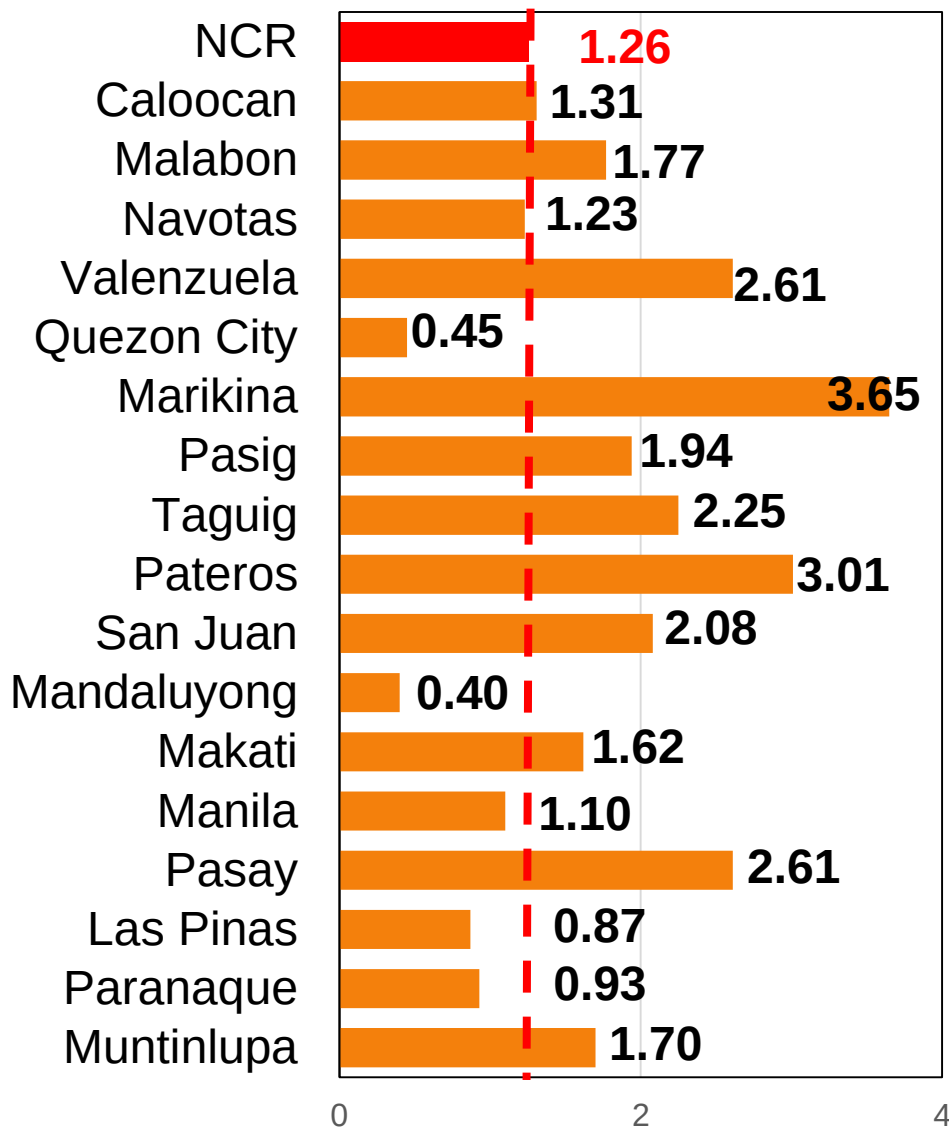


Prevalence of undernutrition among Children 0-71 months old in NCR by LGU, 2016

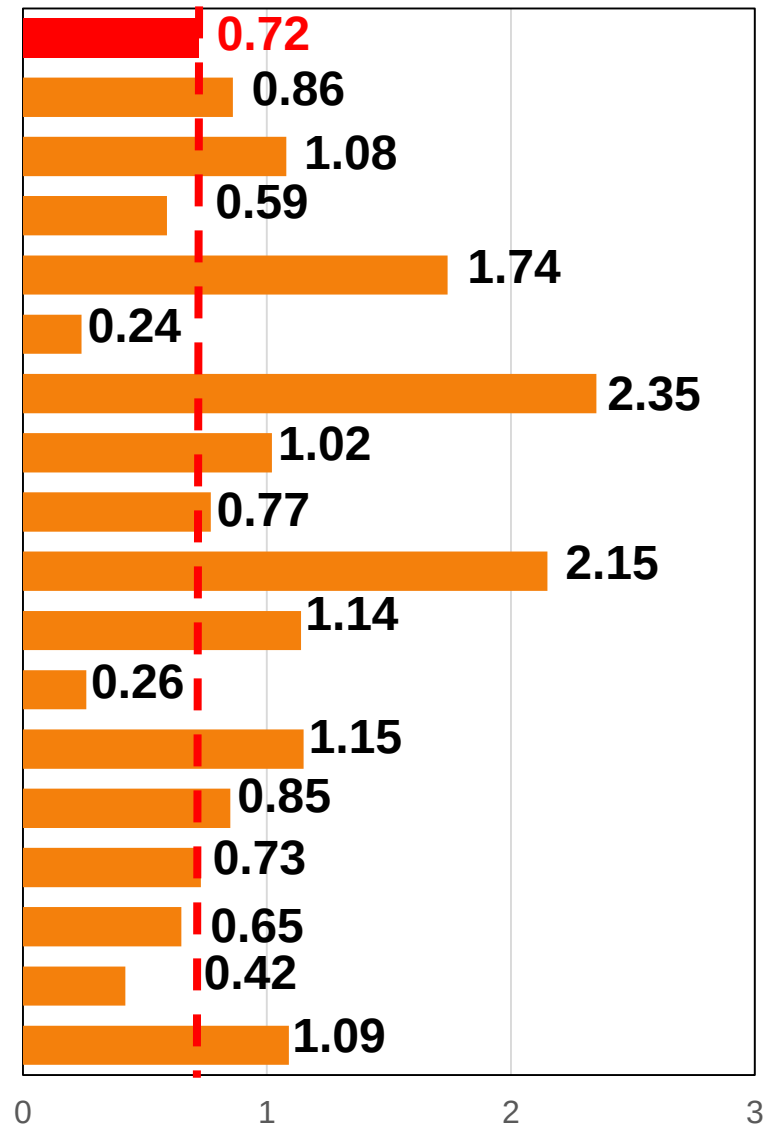


Prevalence of overweight-for-height and obesity among Children 0-71 months old in NCR by LGU, 2016

Overweight-for-height



Obese



In summary

Increased weighing coverage from **83.57** in 2015 to **85.37** in 2016



Decrease in prevalence from 2015 to 2016:

underweight 2.17 → 1.65

overweight-for-age 1.14 → 0.76

stunting 7.80 → 4.64

wasting 2.85 → 2.11

overweight-for-height 1.90 → 1.26

obese-for-height 1.16 → 0.72



In summary (cont.)

In NCR, among children 0-71months old

- 2 out of 100 or 1.65% are underweight
- 5 out of 100 or 4.64% are stunted
- 2 out of 100 are wasted or thin
- 2 out of 100 are overweight for their height and obese

In summary (cont.)

Highest prevalence of:

- Underweight – **Manila**
- Overweight-for-age – **Pateros**
- Stunting and Wasting – **Valenzuela**
- Overweight-for-height and Obesity – **Marikina**

THANK YOU! 😊