

# 2019 REGIONAL SOCIAL and ECONOMIC TRENDS



REPUBLIC OF THE PHILIPPINES  
**PHILIPPINE STATISTICS AUTHORITY**  
REGIONAL STATISTICAL SERVICES OFFICE  
NATIONAL CAPITAL REGION



**2019**

**R**EGIONAL

**S**OCCIAL and

**E**CONOMIC

**T**RENDS

**National Capital Region**



REPUBLIC OF THE PHILIPPINES  
**PHILIPPINE STATISTICS AUTHORITY**  
REGIONAL STATISTICAL SERVICES OFFICE-NCR

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**The Regional Social and Economic Trends (RSET), National Capital Region** is an annual publication prepared by the Regional Statistical Services Office NCR of the PHILIPPINE STATISTICS AUTHORITY (PSA).

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Published by the  
Philippine Statistics Authority  
Regional Statistical Services Office NCR  
9/F EDSA Grand Residences, 75 Corregidor St. cor. EDSA,  
Quezon City, Philippines

October 2019

## FOREWORD

The 2019 Regional Social and Economic Trends for National Capital Region (NCR) is the fourth edition released by the Philippine Statistics Authority, through its Regional Statistical Services Office (RSSO), which presents the major socioeconomic developments at the regional and cities/municipality levels. The first edition was published and launched in 2016 at the 27<sup>th</sup> National Statistics Month.

This edition includes more statistics that are useful in local government planning, decision-making, and setting of policies, as well as formulation and implementation of programs and projects towards effective governance and public service delivery at the local level. Moreover, it is designed to provide local business entrepreneurs and other investors with data useful in making marketing plans, decisions and strategies.

We thankfully acknowledge the significant contributors of the RSET, our data providers. This would not have been made possible without their collaboration and continuous support on producing and delivering relevant and quality statistics to the people.

For the improvement of the quality of our statistics, we encourage our clientele to give us feedbacks, comments or suggestions, to guide our agency in improving not only the RSET publication, but also all the other publications of the PSA.



**FACIANO B. DIZON**  
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Department of Trade and Industry (DTI)  
    Board of Investments (BOI)  
Department of Transportation  
    Philippine National Railways (PNR)  
    Light Rail Transit Authority (LRTA)  
Land Transportation Office (LTO)  
Manila Electric Company (MERALCO)  
Metropolitan Manila Development Authority (MMDA)  
Metropolitan Waterworks and Sewerage System (MWSS)  
National Mapping and Resource Information Authority (NAMRIA)  
National Nutrition Council (NNC)  
National Telecommunications Commission (NTC)  
Philippine National Police (PNP)  
Philippine Postal Corporation  
Philippine Statistics Authority (PSA)

## **REGIONAL OVERVIEW**

The National Capital Region (NCR) also known as the Metro Manila, is considered as the country's focal region, as it is the place of the Philippine's capital, the City of Manila. NCR is sited at the south western portion of the Luzon Island. It consists of 16 cities, one municipality, that comprised of a total of 1,706 barangays. The region is considered as the main hub of the country since most of the central offices of the three main branches of the government are located in this region.

In terms of social trend, the NCR is classified as the only region in the Philippines as 100% urban according to the results of 2010 census of population and housing. Also, the Metro Manila is the only region that has railway system in the country.

On the other hand, from the latest result of 2018 Report on the Performance of the Economy of the NCR, the region's economic trend shows that it has 36.0 percent contribution to the Philippines's Gross Domestic Product (GDP). In terms of per capita index, Metro Manila tripled compared to the national per capita index, and is the highest among region.



## Chapter 1 **Population and Housing**

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Data on size, distribution and demographic characteristics of the population are vital in planning and decision-making process of the government and private businesses alike. The data can be of assistance in determining what, where, when and how public services and facilities should be put in place. The impact of services, programs and projects implemented are measured from the effect on the socioeconomic well-being of the populace as the fundamental beneficiaries of governance and development. Entrepreneurs, corporate executives and managers in the private sectors use the data in making decisions on how the resources will be distributed for their investment.

This chapter presents data series pertaining to the region and city/municipality, where available series include the population count taken during the 2007, 2010 and 2015 censuses conducted nationwide.

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Table 1.1

**TOTAL POPULATION BY CITY/MUNICIPALITY, AND BY CENSAL YEAR, NCR: 1948 - 2015**

<b>City/Municipality</b>	<b>1948 (as of Oct. 1)</b>	<b>1960 (as of Feb. 15)</b>	<b>1970 (as of May 6)</b>	<b>1975 (as of May 1)</b>	<b>1980 (as of May 1)</b>	<b>1990 (as of May 1)</b>	<b>1995 (as of Sept. 1)</b>	<b>2000 (as of May 1)</b>	<b>2007 (as of Aug. 1)</b>	<b>2010 (as of May 1)</b>	<b>2015 (as of Aug. 1)</b>
<b>NCR</b>	<b>1,569,128</b>	<b>2,462,488</b>	<b>3,966,695</b>	<b>4,970,006</b>	<b>5,925,884</b>	<b>7,948,392</b>	<b>9,454,040</b>	<b>9,932,560</b>	<b>11,547,959</b>	<b>11,855,975</b>	<b>12,877,253</b>
City of Manila	983,906	1,138,611	1,330,788	1,479,116	1,630,485	1,601,234	1,654,761	1,581,082	1,660,714	1,652,171	1,780,148
City of Mandaluyong	26,309	71,619	149,407	182,267	205,366	248,143	286,870	278,474	305,576	328,699	386,276
City of Marikina	23,353	40,455	113,400	168,453	211,613	310,227	357,231	391,170	424,610	424,150	450,741
City of Pasig	35,407	62,130	156,492	209,915	268,570	397,679	471,075	505,058	627,445	669,773	755,300
Quezon City	107,977	397,990	754,452	956,864	1,165,865	1,669,776	1,989,419	2,173,831	2,679,450	2,761,720	2,936,116
City of San Juan	31,493	56,861	104,559	122,492	130,088	126,854	124,187	117,680	125,338	121,430	122,180
Caloocan City	58,208	145,523	274,453	397,201	467,816	763,415	1,023,159	1,177,604	1,381,610	1,489,040	1,583,978
City of Malabon	46,455	76,438	141,514	174,878	191,001	280,027	347,484	338,855	363,681	353,337	365,525
City of Navotas	28,889	49,262	83,245	97,098	126,146	187,479	229,039	230,403	245,344	249,131	249,463
City of Valenzuela	16,740	41,473	98,456	150,605	212,363	340,227	437,165	485,433	568,928	575,356	620,422
City of Las Piñas	9,280	16,093	45,732	81,610	136,514	297,102	413,086	472,780	532,330	552,573	588,894
City of Makati	41,335	114,540	264,918	334,448	372,631	453,170	484,176	471,379	548,983	529,039	582,602
City of Muntinlupa	18,444	21,893	65,057	94,563	136,679	278,411	399,846	379,310	452,943	459,941	504,509
City of Parañaque	28,884	61,898	97,214	158,974	208,552	308,236	391,296	449,811	552,660	588,126	665,822
Pasay City	87,728	132,673	206,283	254,999	287,770	368,366	408,610	354,908	403,064	392,869	416,522
Pateros	8,380	13,173	25,468	32,821	40,288	51,409	55,286	57,407	61,940	64,147	63,840
Taguig City	15,340	21,856	55,257	73,702	134,137	266,637	381,350	467,375	613,343	644,473	804,915

Source: Philippine Statistics Authority

Table 1.2

**AVERAGE ANNUAL GROWTH RATE OF THE TOTAL POPULATION BY CITY/MUNICIPALITY, AND BY CENSAL YEAR, NCR: 1948 - 2015**

<b>City/Municipality</b>	<b>1948 (as of Oct. 1)</b>	<b>1960 (as of Feb. 15)</b>	<b>1970 (as of May 6)</b>	<b>1975 (as of May 1)</b>	<b>1980 (as of May 1)</b>	<b>1990 (as of May 1)</b>	<b>1995 (as of Sept. 1)</b>	<b>2000 (as of May 1)</b>	<b>2007 (as of Aug. 1)</b>	<b>2010 (as of May 1)</b>	<b>2015 (as of Aug. 1)</b>
<b>NCR</b>	<b>5.2</b>	<b>3.8</b>	<b>4.9</b>	<b>4.6</b>	<b>4.1</b>	<b>3.0</b>	<b>3.3</b>	<b>2.3</b>	<b>2.1</b>	<b>1.8</b>	<b>1.6</b>
City of Manila	-	-	1.6	-	2.1	(0.2)	0.6	(0.1)	0.7	0.4	1.4
City of Mandaluyong	-	-	7.6	-	3.2	1.9	2.8	1.2	1.3	1.7	3.1
City of Marikina	-	-	10.9	-	6.4	3.9	2.7	2.3	1.1	0.8	1.2
City of Pasig	-	-	9.7	-	5.6	4.0	3.2	2.4	3.0	2.9	2.3
Quezon City	-	-	6.6	-	4.5	3.7	3.3	2.7	2.9	2.4	1.2
City of San Juan	-	-	6.3	-	2.2	(0.3)	(0.4)	(0.8)	0.9	0.3	0.1
Caloocan City	-	-	6.6	-	5.5	5.0	5.6	4.4	2.2	2.4	1.2
City of Malabon	-	-	6.4	-	3.1	3.9	4.1	1.9	1.0	0.4	0.6
City of Navotas	-	-	5.4	-	4.3	4.0	3.8	2.1	0.9	0.8	0.0
City of Valenzuela	-	-	9.0	-	8.0	4.8	4.8	3.6	2.2	1.7	1.4
City of Las Piñas	-	-	11.0	-	11.6	8.1	6.4	4.8	1.7	1.6	1.2
City of Makati	-	-	8.8	-	3.5	2.0	1.3	0.4	2.1	1.2	1.9
City of Muntinlupa	-	-	11.5	-	7.7	7.4	7.0	3.1	2.5	2.0	1.8
City of Parañaque	-	-	4.6	-	7.9	4.0	4.6	3.9	2.9	2.7	2.4
Pasay City	-	-	4.5	-	3.4	2.5	2.0	(0.4)	1.8	1.0	1.1
Pateros	-	-	6.8	-	4.7	2.5	1.4	1.1	1.1	1.1	(0.1)
Taguig City	-	-	9.7	-	9.3	7.1	6.9	5.8	3.8	3.3	4.3

Source: Philippine Statistics Authority

Note: The Average Annual Growth Rate is computed with the respective previous censal year as the baseline

"-" means no data due to no record published

Table 1.3

**LAND AREA AND POPULATION DENSITY BY CITY/MUNICIPALITY, AND BY CENSAL YEAR, NCR: 2000 - 2015**

City/ Municipality	Land Area (sq. km.)	Population Density (person/sq. km.)			
		2000	2007	2010	2015
<b>NCR</b>	<b>620</b>	<b>16,032</b>	<b>18,640</b>	<b>19,137</b>	<b>20,785</b>
City of Manila	25	63,294	66,482	66,140	71,263
City of Mandaluyong	9	29,976	32,893	35,382	41,580
City of Marikina	22	18,177	19,731	19,710	20,945
City of Pasig	48	10,422	12,948	13,821	15,586
Quezon City	172	12,660	15,605	16,084	17,099
City of San Juan	6	19,778	21,065	20,408	20,534
Caloocan City	56	21,104	24,760	26,685	28,387
City of Malabon	16	21,569	23,150	22,491	23,267
City of Navotas	9	25,772	27,443	27,867	27,904
City of Valenzuela	47	10,324	12,100	12,236	13,195
City of Las Piñas	33	14,463	16,284	16,903	18,014
City of Makati	22	21,853	25,451	24,527	27,010
City of Muntinlupa	40	9,542	11,395	11,571	12,692
City of Parañaque	47	9,659	11,867	12,629	14,297
Pasay City	14	25,405	28,852	28,122	29,815
Pateros	10	5,520	5,956	6,168	6,138
Taguig City	45	10,338	13,567	14,255	17,804

Source: Philippine Statistics Authority

Note: The land area is based on the cadastral survey and estimated land areas (certified and provided to the Department of Budget and Management) from the Land Management Bureau - Department of Environment and Natural Resources.

Table 1.4

**TOTAL POPULATION BY RELIGIOUS AFFILIATION, AND BY SEX, NCR: 2015**

<b>Religious Affiliation</b>	<b>Both Sexes</b>	<b>Male</b>	<b>Female</b>
<b>TOTAL</b>	<b>12,877,253</b>	<b>6,368,365</b>	<b>6,508,888</b>
Roman Catholic, including Catholic Charismatic	11,464,837	5,670,996	5,793,841
Iglesia ni Cristo	439,417	219,419	219,998
Islam	154,840	78,022	76,818
Evangelicals (Philippine Council of Evangelical Churches)	119,140	57,610	61,530
Jesus is Lord Church	103,920	49,819	54,101
Victory Chapel Christian Fellowship	68,520	32,173	36,347
Bible Baptist Church	55,840	26,788	29,052
Jehovah's Witness	42,823	19,691	23,132
Seventh Day Adventist	33,541	15,894	17,647
Church of Christ	24,224	11,707	12,517
Aglipay	17,632	8,280	9,352
Church of Jesus Christ of the Latter Day Saints	15,553	7,516	8,037
Buddhist	14,488	7,508	6,980
Iglesia sa Dios Espiritu Santo, Inc.	11,660	5,941	5,719
National Council of Churches in the Phil.	10,737	5,197	5,540
Evangelical Christian Outreach Foundation	7,134	3,354	3,780
United Pentecostal Church (Phil.), Inc.	5,767	2,831	2,936
Door of Faith	3,903	1,927	1,976
United Church of Christ in the Phil.	3,078	1,514	1,564
Bread of Life Ministries	2,818	1,358	1,460
Cathedral of Praise, Inc.	1,698	775	923
Good News Christian Churches	1,167	557	610
Philippine Grace Gospel	955	513	442
Jesus is Alive Community, Inc.	868	403	465
Salvation Army, Phil.	636	323	313
Other Baptists	40,814	19,224	21,590
Other Protestants	34,341	16,301	18,040
Other Religious Affiliations	155,008	74,507	80,501
Tribal Religions	2,284	961	1,323
None	5,304	2,610	2,694
Not Reported	34,306	24,646	9,660

Source: *Philippine Statistics Authority*

Table 1.5a

**HOUSEHOLD POPULATION BY CITY/MUNICIPALITY, BY SEX, AND BY AGE GROUP, NCR: 2007**

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>	<b>0-17</b>	<b>18 and over</b>
<b>NCR</b>													
<b>Both Sexes</b>	<b>11,491,464</b>	<b>257,726</b>	<b>2,167,318</b>	<b>2,233,318</b>	<b>2,403,153</b>	<b>1,789,616</b>	<b>1,265,331</b>	<b>799,975</b>	<b>362,084</b>	<b>159,711</b>	<b>53,232</b>	<b>4,031,933</b>	<b>7,035,511</b>
<b>Male</b>	<b>5,625,358</b>	<b>133,019</b>	<b>1,119,154</b>	<b>1,097,718</b>	<b>1,146,958</b>	<b>887,727</b>	<b>615,921</b>	<b>383,616</b>	<b>161,719</b>	<b>62,519</b>	<b>17,007</b>	<b>2,053,474</b>	<b>3,365,195</b>
<b>Female</b>	<b>5,866,106</b>	<b>124,707</b>	<b>1,048,164</b>	<b>1,135,600</b>	<b>1,256,195</b>	<b>901,889</b>	<b>649,410</b>	<b>416,359</b>	<b>200,365</b>	<b>97,192</b>	<b>36,225</b>	<b>1,978,459</b>	<b>3,670,316</b>
City of Manila													
Both Sexes	1,650,712	34,889	300,407	321,736	352,746	247,292	181,576	120,592	56,376	26,384	8,714	584,922	1,065,790
Male	810,565	18,130	155,288	158,115	171,295	124,147	88,995	57,565	24,690	9,758	2,582	297,905	512,660
Female	840,147	16,759	145,119	163,621	181,451	123,145	92,581	63,027	31,686	16,626	6,132	287,017	553,130
City of Mandaluyong													
Both Sexes	300,888	6,334	53,516	56,003	64,829	48,687	33,552	21,473	10,294	4,708	1,492	103,898	196,990
Male	145,268	3,183	27,484	27,293	30,241	23,885	16,083	10,209	4,567	1,852	471	52,573	92,695
Female	155,620	3,151	26,032	28,710	34,588	24,802	17,469	11,264	5,727	2,856	1,021	51,325	104,295
City of Marikina													
Both Sexes	424,020	8,412	77,829	84,559	83,024	65,181	47,874	32,051	15,542	7,248	2,300	153,843	270,177
Male	206,689	4,379	40,095	41,531	39,549	31,891	23,356	15,261	6,968	2,923	736	78,264	128,425
Female	217,331	4,033	37,734	43,028	43,475	33,290	24,518	16,790	8,574	4,325	1,564	75,579	141,752
City of Pasig													
Both Sexes	626,260	13,818	119,155	118,429	131,396	102,135	67,774	42,799	19,832	8,317	2,605	226,959	399,301
Male	304,665	7,158	61,345	58,012	61,827	50,250	32,829	20,251	8,863	3,327	803	115,333	189,332
Female	321,595	6,660	57,810	60,417	69,569	51,885	34,945	22,548	10,969	4,990	1,802	111,626	209,969
Quezon City													
Both Sexes	2,667,372	60,058	498,163	517,500	557,448	418,819	297,253	184,603	81,951	37,541	14,036	963,548	1,703,824
Male	1,297,875	31,082	257,341	252,785	263,918	206,274	143,218	87,803	36,171	14,750	4,533	490,523	807,352
Female	1,369,497	28,976	240,822	264,715	293,530	212,545	154,035	96,800	45,780	22,791	9,503	473,025	896,472
City of San Juan													
Both Sexes	124,711	2,110	18,545	22,485	27,500	19,741	15,258	10,092	5,021	2,804	1,155	37,678	87,033
Male	57,684	1,094	9,576	10,688	12,089	9,076	7,018	4,516	2,143	1,090	394	19,108	38,576
Female	67,027	1,016	8,969	11,797	15,411	10,665	8,240	5,576	2,878	1,714	761	18,570	48,457
Caloocan City													
Both Sexes	1,379,942	32,326	278,348	285,190	267,668	206,166	153,331	93,447	41,403	17,186	4,877	540,509	839,433
Male	688,005	16,550	144,060	142,109	131,406	104,012	76,574	46,078	18,846	6,803	1,567	276,148	411,857
Female	691,937	15,776	134,288	143,081	136,262	102,154	76,757	47,369	22,557	10,383	3,310	264,361	427,576
City of Malabon													
Both Sexes	362,921	8,885	72,401	73,569	70,763	53,697	39,243	25,696	11,933	5,102	1,632	140,454	222,467
Male	181,291	4,565	37,398	37,019	35,155	27,321	19,511	12,516	5,389	1,942	475	72,023	109,268
Female	181,630	4,320	35,003	36,550	35,608	26,376	19,732	13,180	6,544	3,160	1,157	68,431	113,199

Source: Philippine Statistics Authority

Table 1.5a - concluded

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>	<b>0-17</b>	<b>18 and over</b>
City of Navotas													
Both Sexes	245,308	6,420	51,933	50,696	45,654	35,988	26,273	16,702	7,568	3,137	937	99,375	145,933
Male	124,412	3,325	27,104	25,539	23,068	18,586	13,332	8,416	3,504	1,230	308	51,072	73,340
Female	120,896	3,095	24,829	25,157	22,586	17,402	12,941	8,286	4,064	1,907	629	48,303	72,593
City of Valenzuela													
Both Sexes	568,796	14,585	113,444	110,643	120,559	89,052	59,149	36,895	16,091	6,423	1,955	215,656	353,140
Male	285,789	7,488	58,857	55,153	60,249	45,538	29,748	18,156	7,398	2,583	619	110,338	175,451
Female	283,007	7,097	54,587	55,490	60,310	43,514	29,401	18,739	8,693	3,840	1,336	105,318	177,689
City of Las Piñas													
Both Sexes	531,833	11,444	100,895	103,599	110,634	83,283	56,928	38,302	17,594	6,815	2,339	194,413	337,420
Male	258,134	5,833	51,604	51,069	51,629	40,828	27,242	18,261	8,056	2,858	754	98,653	159,481
Female	273,699	5,611	49,291	52,530	59,005	42,455	29,686	20,041	9,538	3,957	1,585	95,760	177,939
City of Makati													
Both Sexes	547,494	11,101	90,351	97,974	121,522	87,828	64,550	41,230	19,180	9,937	3,821	176,788	370,706
Male	256,462	5,646	46,462	46,443	54,399	41,216	29,983	19,023	8,229	3,696	1,365	88,820	167,642
Female	291,032	5,455	43,889	51,531	67,123	46,612	34,567	22,207	10,951	6,241	2,456	87,968	203,064
City of Muntinlupa													
Both Sexes	434,479	8,712	78,905	80,867	98,435	70,857	47,151	29,962	13,062	4,974	1,554	151,214	283,265
Male	211,617	4,481	40,780	40,103	45,856	34,901	22,505	14,270	6,099	2,107	515	77,300	134,317
Female	222,862	4,231	38,125	40,764	52,579	35,956	24,646	15,692	6,963	2,867	1,039	73,914	148,948
City of Parañaque													
Both Sexes	551,736	12,124	102,000	105,023	117,368	89,214	61,094	37,913	17,090	7,493	2,417	196,539	355,197
Male	266,392	6,278	52,583	51,066	54,409	43,232	29,066	18,110	7,815	3,053	780	99,818	166,574
Female	285,344	5,846	49,417	53,957	62,959	45,982	32,028	19,803	9,275	4,440	1,637	96,721	188,623
Pasay City													
Both Sexes	402,436	9,853	73,152	74,143	94,635	64,638	41,842	25,741	12,067	4,972	1,393	140,487	261,949
Male	197,052	5,166	37,712	36,139	44,642	32,792	20,541	12,409	5,216	1,950	485	71,416	125,636
Female	205,384	4,687	35,440	38,004	49,993	31,846	21,301	13,332	6,851	3,022	908	69,071	136,313
Pateros													
Both Sexes	61,761	1,356	11,618	12,251	11,739	9,266	6,960	4,638	2,427	1,101	405	22,729	39,032
Male	30,318	685	6,084	6,055	5,690	4,562	3,402	2,204	1,071	446	119	11,631	18,687
Female	31,443	671	5,534	6,196	6,049	4,704	3,558	2,434	1,356	655	286	11,098	20,345
Taguig City													
Both Sexes	610,795	15,299	126,656	118,651	127,233	97,772	65,523	37,839	14,653	5,569	1,600	236,764	374,031
Male	303,140	7,976	65,381	58,599	61,536	49,216	32,518	18,568	6,694	2,151	501	120,813	182,327
Female	307,655	7,323	61,275	60,052	65,697	48,556	33,005	19,271	7,959	3,418	1,099	115,951	191,704

Table 1.5b

**HOUSEHOLD POPULATION BY CITY/MUNICIPALITY, BY SEX, AND BY AGE GROUP, NCR: 2010**

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>	<b>0-17</b>	<b>18 and over</b>
<b>NCR</b>													
<b>Both Sexes</b>	<b>11,796,873</b>	<b>235,351</b>	<b>2,078,426</b>	<b>2,275,791</b>	<b>2,359,699</b>	<b>1,873,392</b>	<b>1,382,517</b>	<b>912,930</b>	<b>434,315</b>	<b>182,358</b>	<b>62,094</b>	<b>4,100,320</b>	<b>7,696,553</b>
<b>Male</b>	<b>5,781,477</b>	<b>121,838</b>	<b>1,076,638</b>	<b>1,132,697</b>	<b>1,132,956</b>	<b>926,193</b>	<b>670,445</b>	<b>434,931</b>	<b>195,560</b>	<b>70,375</b>	<b>19,844</b>	<b>2,100,083</b>	<b>3,681,394</b>
<b>Female</b>	<b>6,015,396</b>	<b>113,513</b>	<b>1,001,788</b>	<b>1,143,094</b>	<b>1,226,743</b>	<b>947,199</b>	<b>712,072</b>	<b>477,999</b>	<b>238,755</b>	<b>111,983</b>	<b>42,250</b>	<b>2,000,237</b>	<b>4,015,159</b>
City of Manila													
Both Sexes	1,642,743	32,346	286,165	316,677	336,603	249,285	189,155	130,268	64,213	28,439	9,592	563,112	1,079,631
Male	805,503	16,651	147,696	156,944	163,652	125,023	92,196	61,920	28,286	10,385	2,750	287,516	517,987
Female	837,240	15,695	138,469	159,733	172,951	124,262	96,959	68,348	35,927	18,054	6,842	275,596	561,644
City of Mandaluyong													
Both Sexes	323,372	5,601	51,804	59,034	68,036	52,124	38,667	27,036	12,960	5,535	2,575	103,368	220,004
Male	159,863	2,930	27,537	29,460	33,433	25,923	18,058	12,940	6,172	2,170	1,240	53,755	106,108
Female	163,509	2,671	24,267	29,574	34,603	26,201	20,609	14,096	6,788	3,365	1,335	49,613	113,896
City of Marikina													
Both Sexes	424,150	7,020	69,497	83,825	80,484	65,702	51,964	35,572	18,583	8,756	2,747	142,718	281,432
Male	206,821	3,629	35,797	41,873	38,710	32,210	25,092	16,881	8,260	3,517	852	72,991	133,830
Female	217,329	3,391	33,700	41,952	41,774	33,492	26,872	18,691	10,323	5,239	1,895	69,727	147,602
City of Pasig													
Both Sexes	668,569	12,681	116,338	124,959	134,063	113,766	77,894	50,066	25,028	10,415	3,359	228,003	440,566
Male	325,952	6,610	60,448	61,956	63,503	55,946	37,811	23,263	11,194	4,120	1,101	116,899	209,053
Female	342,617	6,071	55,890	63,003	70,560	57,820	40,083	26,803	13,834	6,295	2,258	111,104	231,513
Quezon City													
Both Sexes	2,751,579	56,111	484,328	539,556	555,857	433,530	321,988	208,243	95,561	41,066	15,339	962,306	1,789,273
Male	1,342,913	29,193	252,158	266,726	265,364	212,806	155,177	98,373	42,629	15,673	4,814	493,022	849,891
Female	1,408,666	26,918	232,170	272,830	290,493	220,724	166,811	109,870	52,932	25,393	10,525	469,284	939,382
City of San Juan													
Both Sexes	120,898	1,642	16,438	21,292	24,822	19,721	16,088	10,826	5,734	2,811	1,524	34,363	86,535
Male	54,518	859	8,283	9,832	10,578	9,100	7,082	4,878	2,474	971	461	16,827	37,691
Female	66,380	783	8,155	11,460	14,244	10,621	9,006	5,948	3,260	1,840	1,063	17,536	48,844
Caloocan City													
Both Sexes	1,487,245	32,930	282,898	304,937	278,067	225,399	174,184	111,689	51,141	20,175	5,825	558,934	928,311
Male	740,700	16,885	146,231	153,420	136,593	112,956	86,684	54,877	23,424	7,871	1,759	286,475	454,225
Female	746,545	16,045	136,667	151,517	141,474	112,443	87,500	56,812	27,717	12,304	4,066	272,459	474,086
City of Malabon													
Both Sexes	352,890	7,242	64,263	69,805	66,051	54,817	41,439	28,173	13,716	5,553	1,831	127,109	225,781
Male	176,073	3,693	33,181	35,427	32,815	27,697	20,606	13,726	6,253	2,117	558	65,257	110,816
Female	176,817	3,549	31,082	34,378	33,236	27,120	20,833	14,447	7,463	3,436	1,273	61,852	114,965

Source: Philippine Statistics Authority

Table 1.5b - concluded

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>	<b>0-17</b>	<b>18 &amp; over</b>
City of Navotas													
Both Sexes	248,831	5,398	49,793	50,708	45,427	37,210	28,427	18,658	8,864	3,394	952	95,857	152,974
Male	125,647	2,773	25,954	25,622	22,781	19,142	14,368	9,307	4,090	1,297	313	49,401	76,246
Female	123,184	2,625	23,839	25,086	22,646	18,068	14,059	9,351	4,774	2,097	639	46,456	76,728
City of Valenzuela													
Both Sexes	574,840	11,930	107,485	109,818	114,994	94,581	65,630	41,866	18,943	7,480	2,113	206,551	368,289
Male	288,292	6,222	55,557	55,501	56,939	48,065	32,988	20,590	8,777	2,972	681	106,273	182,019
Female	286,548	5,708	51,928	54,317	58,055	46,516	32,642	21,276	10,166	4,508	1,432	100,278	186,270
City of Las Piñas													
Both Sexes	551,886	10,424	97,365	107,587	106,161	88,290	63,930	43,944	22,736	8,686	2,763	192,573	359,313
Male	267,664	5,412	50,229	53,513	49,763	42,685	30,453	20,802	10,402	3,531	874	98,382	169,282
Female	284,222	5,012	47,136	54,074	56,398	45,605	33,477	23,142	12,334	5,155	1,889	94,191	190,031
City of Makati													
Both Sexes	526,952	9,118	76,881	89,702	114,943	89,294	64,887	45,375	22,271	10,211	4,270	154,767	372,185
Male	248,290	4,831	39,432	43,649	52,279	42,456	30,245	20,460	9,604	3,770	1,564	78,434	169,856
Female	278,662	4,287	37,449	46,053	62,664	46,838	34,642	24,915	12,667	6,441	2,706	76,333	202,329
City of Muntinlupa													
Both Sexes	438,843	8,539	76,574	82,669	88,960	71,670	50,764	34,975	16,417	6,279	1,996	150,034	288,809
Male	213,349	4,424	39,540	41,360	42,103	34,776	23,971	16,362	7,568	2,591	654	76,961	136,388
Female	225,494	4,115	37,034	41,309	46,857	36,894	26,793	18,613	8,849	3,688	1,342	73,073	152,421
City of Parañaque													
Both Sexes	586,322	10,993	98,138	110,438	117,926	95,330	71,712	46,925	22,056	9,599	3,205	195,657	390,665
Male	285,326	5,667	51,563	55,558	55,363	45,966	33,843	22,370	10,046	3,971	979	101,486	183,840
Female	300,996	5,326	46,575	54,880	62,563	49,364	37,869	24,555	12,010	5,628	2,226	94,171	206,825
Pasay City													
Both Sexes	391,456	7,724	66,403	71,646	85,779	64,361	44,406	28,528	14,885	6,040	1,684	129,422	262,034
Male	191,166	3,999	33,785	35,536	40,957	32,096	21,710	13,565	6,655	2,344	519	65,869	125,297
Female	200,290	3,725	32,618	36,110	44,822	32,265	22,696	14,963	8,230	3,696	1,165	63,553	136,737
Pateros													
Both Sexes	64,020	1,210	11,268	12,276	12,042	9,915	7,697	5,107	2,803	1,278	424	22,309	41,711
Male	31,511	646	5,876	6,217	5,829	4,871	3,798	2,393	1,275	495	111	11,584	19,927
Female	32,509	564	5,392	6,059	6,213	5,044	3,899	2,714	1,528	783	313	10,725	21,784
Taguig City													
Both Sexes	642,277	14,442	122,788	120,862	129,484	108,397	73,685	45,679	18,404	6,641	1,895	233,237	409,040
Male	317,889	7,414	63,371	60,103	62,294	54,475	36,363	22,224	8,451	2,580	614	118,951	198,938
Female	324,388	7,028	59,417	60,759	67,190	53,922	37,322	23,455	9,953	4,061	1,281	114,286	210,102

Table 1.5c

**HOUSEHOLD POPULATION BY CITY/MUNICIPALITY, BY SEX, AND BY AGE GROUP, NCR: 2015**

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>
<b>NCR</b>											
Both Sexes	12,787,669	239,018	2,123,944	2,378,632	2,590,836	2,043,627	1,510,922	1,053,932	565,849	205,533	75,376
Male	6,303,888	124,195	1,098,211	1,195,982	1,271,864	1,015,377	740,297	499,641	255,443	79,833	23,045
Female	6,483,781	114,823	1,025,733	1,182,650	1,318,972	1,028,250	770,625	554,291	310,406	125,700	52,331
City of Manila											
Both Sexes	1,763,348	36,251	314,465	332,124	355,483	264,347	199,756	142,700	77,886	29,745	10,591
Male	865,312	18,688	161,941	164,608	173,403	132,459	97,572	67,786	34,947	10,887	3,021
Female	898,036	17,563	152,524	167,516	182,080	131,888	102,184	74,914	42,939	18,858	7,570
City of Mandaluyong											
Both Sexes	377,850	6,900	58,626	66,722	83,913	62,420	44,010	30,724	16,239	6,132	2,164
Male	185,805	3,560	30,284	33,617	41,194	30,855	21,600	14,423	7,219	2,405	648
Female	192,045	3,340	28,342	33,105	42,719	31,565	22,410	16,301	9,020	3,727	1,516
City of Marikina											
Both Sexes	448,893	7,756	72,500	86,988	84,077	68,932	54,930	38,804	22,257	9,328	3,321
Male	219,101	3,927	37,386	43,430	40,409	33,794	26,631	18,573	10,106	3,752	1,093
Female	229,792	3,829	35,114	43,558	43,668	35,138	28,299	20,231	12,151	5,576	2,228
City of Pasig											
Both Sexes	753,030	14,742	127,966	136,596	149,077	127,018	89,158	59,609	32,819	12,014	4,031
Male	367,476	7,669	66,461	67,712	71,016	62,532	43,621	27,806	14,711	4,677	1,271
Female	385,554	7,073	61,505	68,884	78,061	64,486	45,537	31,803	18,108	7,337	2,760
Quezon City											
Both Sexes	2,919,657	51,426	467,984	550,132	592,597	461,335	351,909	248,836	128,998	46,929	19,511
Male	1,437,772	26,966	242,373	276,759	292,453	227,794	171,266	117,713	58,169	18,221	6,058
Female	1,481,885	24,460	225,611	273,373	300,144	233,541	180,643	131,123	70,829	28,708	13,453
City of San Juan											
Both Sexes	121,197	1,744	16,474	21,573	25,482	19,358	14,927	11,383	6,411	2,582	1,263
Male	57,563	866	8,588	10,650	12,029	9,149	7,025	5,072	2,833	980	371
Female	63,634	878	7,886	10,923	13,453	10,209	7,902	6,311	3,578	1,602	892
Caloocan City											
Both Sexes	1,581,025	30,616	279,849	309,472	307,290	243,446	183,183	129,693	66,840	23,332	7,304
Male	790,877	15,860	144,715	157,506	154,261	122,542	91,604	62,944	30,339	9,031	2,075
Female	790,148	14,756	135,134	151,966	153,029	120,904	91,579	66,749	36,501	14,301	5,229
City of Malabon											
Both Sexes	364,283	6,886	63,103	70,419	69,832	55,329	42,907	30,275	17,235	6,104	2,193
Male	183,042	3,584	32,745	36,057	35,578	28,024	21,608	14,648	7,821	2,337	640
Female	181,241	3,302	30,358	34,362	34,254	27,305	21,299	15,627	9,414	3,767	1,553

Source: Philippine Statistics Authority

Table 1.5c - concluded

<b>City/Municipality/ Sex</b>	<b>All Ages</b>	<b>Under 1</b>	<b>1-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80 and over</b>
City of Navotas											
Both Sexes	249,176	5,063	46,392	49,210	47,097	37,022	28,522	19,830	11,069	3,754	1,217
Male	126,373	2,670	24,263	25,201	24,017	19,037	14,482	9,841	5,057	1,473	332
Female	122,803	2,393	22,129	24,009	23,080	17,985	14,040	9,989	6,012	2,281	885
City of Valenzuela											
Both Sexes	619,324	10,926	103,913	118,018	124,871	103,585	73,225	47,546	25,943	8,590	2,707
Male	312,554	5,790	53,970	60,254	63,192	52,712	37,186	23,333	11,895	3,392	830
Female	306,770	5,136	49,943	57,764	61,679	50,873	36,039	24,213	14,048	5,198	1,877
City of Las Piñas											
Both Sexes	587,675	10,963	97,811	110,484	113,241	94,170	69,776	48,217	29,008	10,638	3,367
Male	286,340	5,701	50,589	55,429	54,241	45,769	33,777	22,427	13,024	4,340	1,043
Female	301,335	5,262	47,222	55,055	59,000	48,401	35,999	25,790	15,984	6,298	2,324
City of Makati											
Both Sexes	579,433	10,155	79,174	91,215	122,157	100,798	74,548	54,526	29,750	11,318	5,792
Male	274,253	5,185	40,581	44,593	56,428	48,034	34,696	25,076	13,339	4,320	2,001
Female	305,180	4,970	38,593	46,622	65,729	52,764	39,852	29,450	16,411	6,998	3,791
City of Muntinlupa											
Both Sexes	481,762	9,014	78,593	87,067	98,612	78,768	57,659	39,728	22,283	7,559	2,479
Male	237,300	4,638	40,669	44,340	48,607	38,817	27,852	18,418	9,980	3,155	824
Female	244,462	4,376	37,924	42,727	50,005	39,951	29,807	21,310	12,303	4,404	1,655
City of Parañaque											
Both Sexes	663,733	11,634	102,440	116,663	138,982	111,608	81,426	55,738	29,890	11,028	4,324
Male	323,846	6,088	52,810	58,751	67,164	54,602	38,982	25,899	13,671	4,500	1,379
Female	339,887	5,546	49,630	57,912	71,818	57,006	42,444	29,839	16,219	6,528	2,945
Pasay City											
Both Sexes	412,497	7,327	63,290	72,758	94,960	68,429	47,540	32,441	17,326	6,394	2,032
Male	204,354	3,877	32,636	36,561	46,857	34,721	23,541	15,314	7,809	2,446	592
Female	208,143	3,450	30,654	36,197	48,103	33,708	23,999	17,127	9,517	3,948	1,440
Pateros											
Both Sexes	63,643	1,094	10,218	11,848	12,313	9,970	7,655	5,390	3,310	1,359	486
Male	31,378	556	5,287	6,036	6,044	4,910	3,804	2,569	1,496	542	134
Female	32,265	538	4,931	5,812	6,269	5,060	3,851	2,821	1,814	817	352
Taguig City											
Both Sexes	801,143	16,521	141,146	147,343	170,852	137,092	89,791	58,492	28,585	8,727	2,594
Male	400,542	8,570	72,913	74,478	84,971	69,626	45,050	27,799	13,027	3,375	733
Female	400,601	7,951	68,233	72,865	85,881	67,466	44,741	30,693	15,558	5,352	1,861

Table 1.6

**HOUSEHOLD POPULATION 5 YEARS OLD AND OVER BY CITY/MUNICIPALITY, BY SEX, AND BY PLACE OF RESIDENCE 5 YEARS AGO, NCR: 2010**

City/Municipality/ Sex	Household Population 5 Years Old and Over	Place of Residence 5 Years Ago				
		Same City/ Municipality	Other City/ Municipality Same Province	Other Province	Foreign Country	Unknown
<b>NCR</b>						
<b>Both Sexes</b>	<b>10,624,908</b>	<b>10,126,864</b>	<b>77,450</b>	<b>400,655</b>	<b>19,218</b>	<b>721</b>
<b>Male</b>	<b>5,174,558</b>	<b>4,948,937</b>	<b>36,335</b>	<b>178,153</b>	<b>10,828</b>	<b>305</b>
<b>Female</b>	<b>5,450,350</b>	<b>5,177,927</b>	<b>41,115</b>	<b>222,502</b>	<b>8,390</b>	<b>416</b>
City of Manila						
Both Sexes	1,480,508	1,409,934	9,434	58,923	2,005	212
Male	721,967	689,520	4,498	26,737	1,116	96
Female	758,541	720,414	4,936	32,186	889	116
City of Mandaluyong						
Both Sexes	294,500	278,202	2,677	12,824	786	11
Male	144,670	137,134	1,255	5,835	443	3
Female	149,830	141,068	1,422	6,989	343	8
City of Marikina						
Both Sexes	387,121	375,103	2,987	8,514	483	34
Male	187,695	182,284	1,413	3,679	300	19
Female	199,426	192,819	1,574	4,835	183	15
City of Pasig						
Both Sexes	603,674	572,077	6,260	23,505	1,821	11
Male	292,271	278,154	2,791	10,317	1,004	5
Female	311,403	293,923	3,469	13,188	817	6
Quezon City						
Both Sexes	2,477,471	2,352,264	8,044	113,047	3,780	336
Male	1,199,800	1,144,731	3,673	49,340	1,921	135
Female	1,277,671	1,207,533	4,371	63,707	1,859	201
City of San Juan						
Both Sexes	112,220	107,934	1,097	2,988	195	6
Male	50,006	48,296	477	1,131	96	6
Female	62,214	59,638	620	1,857	99	-
Caloocan City						
Both Sexes	1,327,145	1,278,225	5,213	42,857	840	10
Male	658,310	634,820	2,619	20,395	470	6
Female	668,835	643,405	2,594	22,462	370	4
City of Malabon						
Both Sexes	317,306	305,981	4,042	7,167	114	2
Male	157,878	152,374	1,985	3,459	59	1
Female	159,428	153,607	2,057	3,708	55	1
City of Navotas						
Both Sexes	220,760	217,418	1,136	2,135	70	1
Male	111,037	109,374	579	1,045	38	1
Female	109,723	108,044	557	1,090	32	-
City of Valenzuela						
Both Sexes	514,059	487,990	5,476	20,163	427	3
Male	256,693	243,922	2,652	9,874	245	-
Female	257,366	244,068	2,824	10,289	182	3

Source: Philippine Statistics Authority

Note: "-" means 0

Table 1.6 - concluded

City/Municipality/ Sex	Household Population 5 Years Old and Over	Place of Residence 5 Years Ago				
		Same City/ Municipality	Other City/ Municipality Same Province	Other Province	Foreign Country	Unknown
City of Las Piñas						
Both Sexes	498,302	476,588	5,317	15,578	814	5
Male	239,851	230,085	2,504	6,837	421	4
Female	258,451	246,503	2,813	8,741	393	1
City of Makati						
Both Sexes	483,104	447,129	4,534	27,477	3,887	77
Male	225,676	210,456	2,004	10,701	2,491	24
Female	257,428	236,673	2,530	16,776	1,396	53
City of Muntinlupa						
Both Sexes	395,776	379,326	3,001	11,892	1,556	1
Male	191,189	184,300	1,317	4,715	856	1
Female	204,587	195,026	1,684	7,177	700	-
City of Parañaque						
Both Sexes	530,825	509,595	5,129	15,023	1,072	6
Male	256,448	247,059	2,410	6,376	601	2
Female	274,377	262,536	2,719	8,647	471	4
Pasay City						
Both Sexes	353,360	336,816	3,794	12,184	562	4
Male	171,660	164,256	1,656	5,406	340	2
Female	181,700	172,560	2,138	6,778	222	2
Pateros						
Both Sexes	57,782	54,924	851	1,938	69	-
Male	28,236	26,972	395	834	35	-
Female	29,546	27,952	456	1,104	34	-
Taguig City						
Both Sexes	570,995	537,358	8,458	24,440	737	2
Male	281,171	265,200	4,107	11,472	392	-
Female	289,824	272,158	4,351	12,968	345	2

Table 1.7

**TOTAL GAINFUL WORKERS 15 YEARS OLD AND OVER BY CITY/MUNICIPALITY, BY SEX, AND BY PLACE OF WORK, NCR: 2010**

City/Municipality/ Sex	Total Gainful Workers 15 Years Old and Over	Place of Work				
		Same City/ Municipality	Same Province Different City/ Municipality	Different Province	Foreign Country	Not Reported
<b>NCR</b>						
<b>Both Sexes</b>	<b>4,516,461</b>	<b>3,206,286</b>	<b>356,919</b>	<b>560,618</b>	<b>213,310</b>	<b>179,326</b>
<b>Male</b>	<b>2,785,684</b>	<b>1,964,401</b>	<b>216,637</b>	<b>353,364</b>	<b>145,670</b>	<b>105,612</b>
<b>Female</b>	<b>1,730,782</b>	<b>1,241,887</b>	<b>140,285</b>	<b>207,252</b>	<b>67,641</b>	<b>73,714</b>
City of Manila						
Both Sexes	608,814	382,965	50,872	114,734	25,626	34,616
Male	370,452	235,708	30,075	68,400	17,733	18,536
Female	238,362	147,257	20,798	46,335	7,894	16,080
City of Mandaluyong						
Both Sexes	131,079	86,475	12,567	23,863	5,155	3,019
Male	78,626	51,299	7,345	14,427	3,526	2,029
Female	52,454	35,176	5,222	9,436	1,629	990
City of Marikina						
Both Sexes	160,813	105,860	25,365	9,204	8,802	11,582
Male	97,077	63,739	15,000	5,860	5,914	6,565
Female	63,736	42,121	10,365	3,344	2,888	5,017
City of Pasig						
Both Sexes	268,568	201,209	24,268	27,755	12,698	2,639
Male	161,583	120,283	14,143	16,385	9,016	1,757
Female	106,985	80,926	10,125	11,370	3,682	882
Quezon City						
Both Sexes	1,086,073	889,661	30,976	91,476	46,475	27,485
Male	659,426	533,811	18,884	58,542	30,804	17,386
Female	426,648	355,850	12,093	32,934	15,671	10,099
City of San Juan						
Both Sexes	54,167	34,066	9,929	7,013	1,644	1,515
Male	27,673	16,401	5,490	3,946	1,040	795
Female	26,494	17,664	4,439	3,066	605	720
Caloocan City						
Both Sexes	528,389	322,732	17,013	133,203	30,116	25,325
Male	350,532	214,514	12,190	88,032	20,607	15,188
Female	177,857	108,218	4,822	45,170	9,509	10,137
City of Malabon						
Both Sexes	130,087	78,301	12,395	20,856	5,647	12,887
Male	85,405	51,527	8,480	13,846	3,839	7,713
Female	44,682	26,775	3,915	7,010	1,808	5,174
City of Navotas						
Both Sexes	88,427	60,366	5,132	11,246	3,452	8,231
Male	62,037	43,982	3,306	7,312	2,555	4,882
Female	26,390	16,384	1,826	3,934	897	3,349
City of Valenzuela						
Both Sexes	213,150	151,690	8,586	21,646	10,653	20,574
Male	142,551	103,473	5,670	13,567	7,312	12,530
Female	70,598	48,217	2,917	8,079	3,341	8,044

Source: Philippine Statistics Authority

Table 1.7 - concluded

City/Municipality/ Sex	Total Gainful Workers 15 Years Old and Over	Place of Work				
		Same City/ Municipality	Same Province Different City/ Municipality	Different Province	Foreign Country	Not Reported
City of Las Piñas						
Both Sexes	213,817	150,580	32,232	11,918	13,199	5,888
Male	128,209	88,764	18,968	7,684	9,252	3,540
Female	85,609	61,816	13,265	4,234	3,946	2,348
City of Makati						
Both Sexes	228,372	176,334	13,984	22,550	11,645	3,860
Male	124,192	91,961	8,440	13,657	8,026	2,107
Female	104,181	84,373	5,544	8,892	3,619	1,753
City of Muntinlupa						
Both Sexes	170,131	127,196	16,924	13,337	7,712	4,962
Male	103,813	77,166	10,293	8,243	5,198	2,914
Female	66,318	50,031	6,631	5,094	2,514	2,048
City of Parañaque						
Both Sexes	238,195	180,209	28,235	9,542	9,473	10,735
Male	141,079	105,678	16,376	6,260	6,421	6,343
Female	97,116	74,531	11,859	3,282	3,052	4,391
Pasay City						
Both Sexes	157,842	108,321	24,632	12,862	7,169	4,857
Male	95,793	66,093	14,179	7,720	5,103	2,698
Female	62,049	42,228	10,453	5,142	2,066	2,160
Pateros						
Both Sexes	20,889	10,224	4,755	4,376	1,425	110
Male	12,916	6,415	2,808	2,653	962	79
Female	7,974	3,809	1,947	1,723	463	31
Taguig City						
Both Sexes	217,648	140,097	39,054	25,037	12,419	1,041
Male	144,320	93,587	24,990	16,830	8,362	550
Female	73,329	46,511	14,064	8,207	4,057	491

Table 1.8a

**HOUSEHOLD POPULATION 10 YEARS OLD AND OVER BY CITY/MUNICIPALITY, BY SEX,  
AND BY MARITAL STATUS, NCR: 2007**

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					
		Single	Married	Widowed	Divorced/ Separated	Common- Law/ Live-in	Unknown
<b>NCR</b>							
<b>Both Sexes</b>	<b>9,066,420</b>	<b>4,091,327</b>	<b>3,744,704</b>	<b>340,378</b>	<b>172,230</b>	<b>663,241</b>	<b>54,540</b>
<b>Male</b>	<b>4,373,185</b>	<b>2,046,101</b>	<b>1,852,278</b>	<b>66,903</b>	<b>55,223</b>	<b>327,998</b>	<b>24,682</b>
<b>Female</b>	<b>4,693,235</b>	<b>2,045,226</b>	<b>1,892,426</b>	<b>273,475</b>	<b>117,007</b>	<b>335,243</b>	<b>29,858</b>
City of Manila							
Both Sexes	1,315,416	607,389	516,120	57,196	29,578	100,570	4,563
Male	637,147	308,746	255,784	10,776	9,984	49,763	2,094
Female	678,269	298,643	260,336	46,420	19,594	50,807	2,469
City of Mandaluyong							
Both Sexes	241,038	111,451	101,090	9,043	4,587	13,399	1,468
Male	114,601	54,242	49,962	1,751	1,435	6,599	612
Female	126,437	57,209	51,128	7,292	3,152	6,800	856
City of Marikina							
Both Sexes	337,779	154,103	141,776	13,234	5,690	21,595	1,381
Male	162,215	76,534	69,822	2,758	1,796	10,667	638
Female	175,564	77,569	71,954	10,476	3,894	10,928	743
City of Pasig							
Both Sexes	493,287	223,849	207,772	17,360	7,792	33,033	3,481
Male	236,162	109,781	102,591	3,486	2,337	16,367	1,600
Female	257,125	114,068	105,181	13,874	5,455	16,666	1,881
Quezon City							
Both Sexes	2,109,151	956,868	886,461	75,773	37,163	141,520	11,366
Male	1,009,452	471,782	437,487	13,859	11,463	69,951	4,910
Female	1,099,699	485,086	448,974	61,914	25,700	71,569	6,456
City of San Juan							
Both Sexes	104,056	51,010	42,074	4,328	1,873	3,719	1,052
Male	47,014	23,012	20,466	781	570	1,820	365
Female	57,042	27,998	21,608	3,547	1,303	1,899	687
Caloocan City							
Both Sexes	1,069,268	469,278	450,672	40,636	20,193	83,742	4,747
Male	527,395	244,555	223,917	8,518	6,777	41,416	2,212
Female	541,873	224,723	226,755	32,118	13,416	42,326	2,535
City of Malabon							
Both Sexes	281,635	123,479	110,859	11,603	6,356	28,496	842
Male	139,328	65,166	55,151	2,242	2,232	14,146	391
Female	142,307	58,313	55,708	9,361	4,124	14,350	451
City of Navotas							
Both Sexes	186,955	78,037	73,451	7,442	4,261	22,612	1,152
Male	93,983	42,420	36,556	1,632	1,574	11,231	570
Female	92,972	35,617	36,895	5,810	2,687	11,381	582
City of Valenzuela							
Both Sexes	440,767	192,572	192,214	14,850	7,368	32,115	1,648
Male	219,444	101,222	95,730	3,224	2,534	15,935	799
Female	221,323	91,350	96,484	11,626	4,834	16,180	849

Source: Philippine Statistics Authority

Table 1.8a - concluded

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					
		Single	Married	Widowed	Divorced/ Separated	Common- Law/ Live-in	Unknown
City of Las Piñas							
Both Sexes	419,494	188,479	172,561	15,755	9,037	29,078	4,584
Male	200,697	92,841	85,137	3,311	2,768	14,416	2,224
Female	218,797	95,638	87,424	12,444	6,269	14,662	2,360
City of Makati							
Both Sexes	446,042	213,113	175,349	17,040	8,366	26,636	5,538
Male	204,354	97,563	85,888	2,933	2,543	13,073	2,354
Female	241,688	115,550	89,461	14,107	5,823	13,563	3,184
City of Muntinlupa							
Both Sexes	346,862	153,359	150,437	11,905	6,158	22,678	2,325
Male	166,356	75,267	74,310	2,609	1,904	11,199	1,067
Female	180,506	78,092	76,127	9,296	4,254	11,479	1,258
City of Parañaque							
Both Sexes	437,612	196,003	180,024	15,666	8,589	33,906	3,424
Male	207,531	94,828	88,585	3,272	2,558	16,761	1,527
Female	230,081	101,175	91,439	12,394	6,031	17,145	1,897
Pasay City							
Both Sexes	319,431	150,309	123,080	11,674	6,769	24,343	3,256
Male	154,174	74,868	61,256	2,358	2,089	12,017	1,586
Female	165,257	75,441	61,824	9,316	4,680	12,326	1,670
Pateros							
Both Sexes	48,787	21,253	19,901	2,056	1,079	4,059	439
Male	23,549	10,743	9,801	427	393	1,994	191
Female	25,238	10,510	10,100	1,629	686	2,065	248
Taguig City							
Both Sexes	468,840	200,775	200,863	14,817	7,371	41,740	3,274
Male	229,783	102,531	99,835	2,966	2,266	20,643	1,542
Female	239,057	98,244	101,028	11,851	5,105	21,097	1,732

Table 1.8b

**HOUSEHOLD POPULATION 10 YEARS OLD AND OVER BY CITY/MUNICIPALITY, BY SEX, AND BY MARITAL STATUS, NCR: 2010**

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					Common- Law/ Live-in	Unknown
		Single	Married	Widowed	Divorced/ Separated			
<b>NCR</b>								
<b>Both Sexes</b>	<b>9,483,096</b>	<b>4,255,024</b>	<b>3,936,871</b>	<b>356,463</b>	<b>180,242</b>	<b>743,282</b>	<b>11,214</b>	
<b>Male</b>	<b>4,583,001</b>	<b>2,145,448</b>	<b>1,943,386</b>	<b>66,833</b>	<b>55,835</b>	<b>366,736</b>	<b>4,763</b>	
<b>Female</b>	<b>4,900,095</b>	<b>2,109,576</b>	<b>1,993,485</b>	<b>289,630</b>	<b>124,407</b>	<b>376,546</b>	<b>6,451</b>	
City of Manila								
Both Sexes	1,324,232	606,033	517,458	56,570	28,533	113,438	2,200	
Male	641,156	309,279	255,629	10,281	9,300	55,660	1,007	
Female	683,076	296,754	261,829	46,289	19,233	57,778	1,193	
City of Mandaluyong								
Both Sexes	265,967	120,393	110,125	10,304	5,032	19,832	281	
Male	129,396	61,191	54,652	2,170	1,528	9,733	122	
Female	136,571	59,202	55,473	8,134	3,504	10,099	159	
City of Marikina								
Both Sexes	347,633	158,305	144,395	14,065	6,276	24,204	388	
Male	167,395	79,466	71,136	2,679	2,016	11,950	148	
Female	180,238	78,839	73,259	11,386	4,260	12,254	240	
City of Pasig								
Both Sexes	539,550	243,246	228,908	19,704	9,570	37,467	655	
Male	258,894	120,565	112,911	3,747	2,905	18,516	250	
Female	280,656	122,681	115,997	15,957	6,665	18,951	405	
Quezon City								
Both Sexes	2,211,140	1,020,156	919,572	80,468	40,784	148,720	1,440	
Male	1,061,562	507,583	453,518	14,361	12,029	73,524	547	
Female	1,149,578	512,573	466,054	66,107	28,755	75,196	893	
City of San Juan								
Both Sexes	102,818	49,753	41,302	4,628	2,342	4,676	117	
Male	45,376	21,738	19,959	718	632	2,273	56	
Female	57,442	28,015	21,343	3,910	1,710	2,403	61	
Caloocan City								
Both Sexes	1,171,417	509,850	497,903	45,105	24,320	92,609	1,630	
Male	577,584	266,968	247,286	8,920	7,883	45,771	756	
Female	593,833	242,882	250,617	36,185	16,437	46,838	874	
City of Malabon								
Both Sexes	281,385	120,028	110,740	11,849	6,519	31,991	258	
Male	139,199	63,619	55,110	2,298	2,210	15,845	117	
Female	142,186	56,409	55,630	9,551	4,309	16,146	141	
City of Navotas								
Both Sexes	193,640	80,385	76,942	7,706	4,135	24,289	183	
Male	96,920	43,428	38,316	1,553	1,493	12,043	87	
Female	96,720	36,957	38,626	6,153	2,642	12,246	96	
City of Valenzuela								
Both Sexes	455,425	190,326	195,859	15,373	8,171	45,083	613	
Male	226,513	100,197	97,772	3,177	2,735	22,346	286	
Female	228,912	90,129	98,087	12,196	5,436	22,737	327	

Source: Philippine Statistics Authority

Table 1.8b - concluded

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					
		Single	Married	Widowed	Divorced/ Separated	Common- Law/ Live-in	Unknown
City of Las Piñas							
Both Sexes	444,097	200,213	183,830	15,855	8,089	35,648	462
Male	212,023	98,773	90,053	2,999	2,446	17,575	177
Female	232,074	101,440	93,777	12,856	5,643	18,073	285
City of Makati							
Both Sexes	440,953	208,161	176,779	17,382	9,135	28,933	563
Male	204,027	98,103	85,953	2,956	2,499	14,282	234
Female	236,926	110,058	90,826	14,426	6,636	14,651	329
City of Muntinlupa							
Both Sexes	353,730	154,572	150,548	12,261	6,218	29,547	584
Male	169,385	76,569	73,816	2,373	1,877	14,506	244
Female	184,345	78,003	76,732	9,888	4,341	15,041	340
City of Parañaque							
Both Sexes	477,191	212,033	206,905	16,121	7,596	33,912	624
Male	228,096	104,511	101,243	3,139	2,220	16,764	219
Female	249,095	107,522	105,662	12,982	5,376	17,148	405
Pasay City							
Both Sexes	317,329	145,453	127,382	11,586	5,749	26,729	430
Male	153,382	73,214	62,917	2,201	1,730	13,142	178
Female	163,947	72,239	64,465	9,385	4,019	13,587	252
Pateros							
Both Sexes	51,542	22,727	21,251	2,138	938	4,448	40
Male	24,989	11,552	10,522	396	309	2,191	19
Female	26,553	11,175	10,729	1,742	629	2,257	21
Taguig City							
Both Sexes	505,047	213,390	226,972	15,348	6,835	41,756	746
Male	247,104	108,692	112,593	2,865	2,023	20,615	316
Female	257,943	104,698	114,379	12,483	4,812	21,141	430

Table 1.8c

**HOUSEHOLD POPULATION 10 YEARS OLD AND OVER BY CITY/MUNICIPALITY, BY SEX, AND BY MARITAL STATUS, NCR: 2015**

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					
		Single	Married	Widowed	Divorced/ Separated	Common- Law/ Live-in	Unknown
<b>NCR</b>							
<b>Both Sexes</b>	<b>10,424,707</b>	<b>4,810,900</b>	<b>3,742,410</b>	<b>406,795</b>	<b>216,109</b>	<b>1,241,002</b>	<b>7,491</b>
<b>Male</b>	<b>5,081,482</b>	<b>2,462,474</b>	<b>1,848,218</b>	<b>82,422</b>	<b>71,143</b>	<b>614,133</b>	<b>3,092</b>
<b>Female</b>	<b>5,343,225</b>	<b>2,348,426</b>	<b>1,894,192</b>	<b>324,373</b>	<b>144,966</b>	<b>626,869</b>	<b>4,399</b>
City of Manila							
Both Sexes	1,412,632	657,635	484,011	62,160	35,569	172,361	896
Male	684,683	335,790	239,121	12,420	11,879	85,100	373
Female	727,949	321,845	244,890	49,740	23,690	87,261	523
City of Mandaluyong							
Both Sexes	312,324	150,919	107,556	11,518	6,230	35,982	119
Male	151,961	76,721	53,183	2,138	1,972	17,888	59
Female	160,363	74,198	54,373	9,380	4,258	18,094	60
City of Marikina							
Both Sexes	368,637	174,080	132,446	15,238	7,268	39,389	216
Male	177,788	87,458	65,167	3,330	2,413	19,348	72
Female	190,849	86,622	67,279	11,908	4,855	20,041	144
City of Pasig							
Both Sexes	610,322	281,091	222,504	23,061	11,652	71,944	70
Male	293,346	140,112	109,436	4,700	3,588	35,478	32
Female	316,976	140,979	113,068	18,361	8,064	36,466	38
Quezon City							
Both Sexes	2,400,247	1,109,760	891,078	90,427	47,931	256,536	4,515
Male	1,168,433	566,566	439,749	17,752	15,520	126,873	1,973
Female	1,231,814	543,194	451,329	72,675	32,411	129,663	2,542
City of San Juan							
Both Sexes	102,979	51,879	35,843	4,147	2,295	8,424	391
Male	48,109	24,951	17,462	691	723	4,138	144
Female	54,870	26,928	18,381	3,456	1,572	4,286	247
Caloocan City							
Both Sexes	1,270,560	574,807	458,011	51,403	29,727	156,611	1
Male	630,302	304,406	227,401	10,638	10,241	77,615	1
Female	640,258	270,401	230,610	40,765	19,486	78,996	-
City of Malabon							
Both Sexes	294,294	129,354	94,489	12,896	7,741	49,812	2
Male	146,713	69,604	47,019	2,636	2,693	24,759	2
Female	147,581	59,750	47,470	10,260	5,048	25,053	-
City of Navotas							
Both Sexes	197,721	85,756	63,557	8,474	5,259	34,674	1
Male	99,440	46,847	31,611	1,870	1,909	17,203	-
Female	98,281	38,909	31,946	6,604	3,350	17,471	1
City of Valenzuela							
Both Sexes	504,485	222,797	185,359	18,455	10,087	67,786	1
Male	252,794	119,077	92,506	4,057	3,501	33,653	-
Female	251,691	103,720	92,853	14,398	6,586	34,133	1

Source: Philippine Statistics Authority

Table 1.8c - concluded

City/Municipality/ Sex	Household Population 10 Years Old and Over	Marital Status					
		Single	Married	Widowed	Divorced/ Separated	Common- Law/ Live-in	Unknown
City of Las Piñas							
Both Sexes	478,901	221,212	170,053	19,273	9,212	58,965	186
Male	230,050	110,778	83,250	3,973	2,957	29,034	58
Female	248,851	110,434	86,803	15,300	6,255	29,931	128
City of Makati							
Both Sexes	490,104	236,243	181,820	19,825	9,201	42,839	176
Male	228,487	111,701	88,820	3,922	2,782	21,212	50
Female	261,617	124,542	93,000	15,903	6,419	21,627	126
City of Muntinlupa							
Both Sexes	394,155	179,052	146,170	14,469	5,944	48,107	413
Male	191,993	91,501	71,585	3,074	1,872	23,801	160
Female	202,162	87,551	74,585	11,395	4,072	24,306	253
City of Parañaque							
Both Sexes	549,659	255,383	202,606	19,522	8,630	63,277	241
Male	264,948	127,627	99,098	4,048	2,749	31,341	85
Female	284,711	127,756	103,508	15,474	5,881	31,936	156
Pasay City							
Both Sexes	341,880	166,055	111,795	13,027	8,479	42,454	70
Male	167,841	85,546	55,870	2,547	2,716	21,132	30
Female	174,039	80,509	55,925	10,480	5,763	21,322	40
Pateros							
Both Sexes	52,331	24,888	18,622	2,266	1,145	5,390	20
Male	25,535	12,775	9,206	507	379	2,663	5
Female	26,796	12,113	9,416	1,759	766	2,727	15
Taguig City							
Both Sexes	643,476	289,989	236,490	20,634	9,739	86,451	173
Male	319,059	151,014	117,734	4,119	3,249	42,895	48
Female	324,417	138,975	118,756	16,515	6,490	43,556	125

Table 1.9

**NUMBER OF HOUSEHOLDS AND AVERAGE HOUSEHOLD SIZE BY CITY/MUNICIPALITY, NCR: 2007, 2010 AND 2015**

City/Municipality	2007		2010		2015	
	Number of Household	Average Household Size	Number of Household	Average Household Size	Number of Household	Average Household Size
<b>NCR</b>	<b>2,601,094</b>	<b>4.4</b>	<b>2,759,829</b>	<b>4.3</b>	<b>3,095,766</b>	<b>4.1</b>
City of Manila	382,183	4.3	386,835	4.3	435,237	4.1
City of Mandaluyong	71,166	4.2	79,935	4.1	100,356	3.8
City of Marikina	90,094	4.7	91,414	4.6	98,238	4.6
City of Pasig	140,844	4.4	154,970	4.3	180,612	4.2
Quezon City	594,832	4.5	634,346	4.3	683,126	4.3
City of San Juan	27,978	4.5	28,890	4.2	28,740	4.2
Caloocan City	309,621	4.5	345,444	4.3	367,878	4.3
City of Malabon	79,151	4.6	82,546	4.3	86,191	4.2
City of Navotas	54,961	4.5	59,296	4.2	60,904	4.1
City of Valenzuela	128,802	4.4	137,834	4.2	153,041	4.0
City of Las Piñas	119,911	4.4	127,723	4.3	141,925	4.1
City of Makati	120,858	4.5	126,457	4.2	154,095	3.8
City of Muntinlupa	106,642	4.1	103,949	4.2	122,286	3.9
City of Parañaque	125,912	4.4	137,405	4.3	163,074	4.1
Pasay City	98,274	4.1	97,966	4.0	107,619	3.8
Pateros	12,923	4.8	14,629	4.4	14,188	4.5
Taguig City	136,942	4.5	150,190	4.3	198,256	4.0

Source: Philippine Statistics Authority

Table 1.10

**NUMBER OF HOUSEHOLDS BY CITY/MUNICIPALITY, AND BY LANGUAGE GENERALLY SPOKEN AT HOME, NCR: 2010**

City/Municipality	Total	Language						
		Tagalog	Bisaya/ Binisaya	Ilocano	Bikol/ Bicol	Other Local Dialect	American/ English	Other Foreign Language
<b>NCR</b>	<b>2,759,829</b>	2,624,098	35,469	16,858	15,127	53,953	6,273	8,045
City of Manila	386,835	365,636	4,880	2,683	1,686	8,854	185	2,909
City of Mandaluyong	79,935	76,503	925	565	344	1,166	118	314
City of Marikina	91,414	88,934	475	383	358	928	265	72
City of Pasig	154,970	148,540	1,916	813	800	2,692	147	63
Quezon City	634,346	594,908	9,994	6,849	4,982	15,338	779	1,491
City of San Juan	28,890	26,361	328	241	215	794	75	876
Caloocan City	345,444	336,517	3,191	1,251	1,040	3,092	25	329
City of Malabon	82,546	80,726	682	159	155	644	18	162
City of Navotas	59,296	58,273	431	276	95	198	10	13
City of Valenzuela	137,834	133,200	1,776	581	551	1,561	19	146
City of Las Piñas	127,723	121,403	1,830	1,043	726	2,370	242	111
City of Makati	126,457	116,304	2,138	1,073	1,059	2,428	2,866	591
City of Muntinlupa	103,949	100,175	782	466	430	1,134	802	156
City of Parañaque	137,405	130,806	1,981	891	609	2,358	496	265
Pasay City	97,966	91,845	1,353	1,128	655	2,248	194	542
Pateros	14,629	14,388	87	43	19	87	-	5
Taguig City	150,190	139,580	2,744	1,326	1,160	5,346	32	-

Source: Philippine Statistics Authority

Note: "-" means 0

Table 1.11

**HOUSEHOLD POPULATION BY SEX AND BY ETHNICITY, NCR: 2010**

City/Municipality	Total	Language						
		Tagalog	Bisaya/ Binisaya	Bikol/ Bicol	Ilocano	Other Local Ethnicity	Other Foreign Ethnicity	Not Stated
<b>NCR</b>	<b>11,796,873</b>	<b>6,471,422</b>	<b>1,357,847</b>	<b>938,433</b>	<b>673,066</b>	<b>2,327,664</b>	<b>27,824</b>	<b>617</b>
Male	5,781,477	3,150,070	655,365	471,024	335,048	1,152,515	17,174	281
Female	6,015,396	3,321,352	702,482	467,409	338,018	1,175,149	10,650	336

Source: Philippine Statistics Authority

Table 1.12a

**TOTAL OCCUPIED HOUSING UNITS BY CITY/MUNICIPALITY, BY CONSTRUCTION MATERIALS OF THE OUTER WALL, AND BY CONSTRUCTION MATERIALS OF THE ROOF, NCR: 2007**

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	Not Reported
<b>NCR</b>	<b>2,485,637</b>	<b>2,084,715</b>	<b>85,520</b>	<b>208,505</b>	<b>59,757</b>	<b>1,399</b>	<b>17,424</b>	<b>8,694</b>	<b>19,623</b>
Concrete/Brick/Stone	1,244,843	1,133,949	68,223	30,648	5,200	38	232	4,389	2,164
Wood	393,184	321,155	6,057	23,474	37,699	192	2,885	850	872
Half Concrete/Brick/ Stone and Half Wood	765,239	590,908	9,947	147,202	13,861	237	826	783	53
Galvanized Iron/ Aluminum	28,259	20,444	706	4,903	1,920	31	68	134	29
Bamboo/Sawali/Cogon/ Nipa	3,142	1,612	-	205	337	839	110	10	65
Asbestos	1,042	633	73	30	70	-	-	171	62
Glass	901	496	165	110	34	-	-	34	163
Makeshift/Salvaged/Improvised Materials	24,634	10,136	-	560	395	34	13,150	196	14,719
Others/Not Reported	24,142	5,312	333	1,366	237	28	94	2,053	21
No Walls	251	70	16	7	4	-	59	74	21
<b>City of Manila</b>	<b>354,687</b>	<b>296,396</b>	<b>15,348</b>	<b>22,601</b>	<b>9,992</b>	<b>374</b>	<b>7,088</b>	<b>1,149</b>	<b>1,739</b>
Concrete/Brick/Stone	124,686	108,454	11,819	2,721	1,045	4	44	417	182
Wood	79,863	66,877	1,733	3,582	6,120	17	1,207	212	115
Half Concrete/Brick/Stone and Half Wood	136,580	116,429	1,643	15,627	2,611	12	53	35	170
Galvanized Iron/Aluminum	2,855	2,192	65	479	100	1	10	1	7
Bamboo/Sawali/Cogon/ Nipa	474	84	-	9	13	331	26	8	3
Asbestos	448	360	23	4	4	-	-	46	11
Glass	36	13	4	7	1	-	-	-	11
Makeshift/Salvaged/Improvised Materials	7,447	1,342	-	143	72	7	5,664	160	59
Others/Not Reported	2,157	640	59	27	25	2	33	209	1,162
No Walls	141	5	2	2	1	-	51	61	19

Source: Philippine Statistics Authority

Note: "-" means 0

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	
City of Mandaluyong	66,930	48,268	5,227	8,899	3,492	5	419	137	483
Concrete/Brick/Stone	25,519	19,910	4,213	1,118	146	1	1	115	15
Wood	11,662	8,348	602	698	1,943	-	26	3	42
Half Concrete/Brick/Stone and Half Wood	27,651	19,079	380	6,687	1,352	3	23	7	120
Galvanized Iron/Aluminum	681	254	23	362	40	-	2	-	-
Bamboo/Sawali/Cogon/ Nipa	11	2	-	2	6	1	-	-	-
Asbestos	4	4	-	-	-	-	-	-	-
Glass	2	1	-	-	-	-	-	-	1
Makeshift/Salvaged/Improvised Materials	993	606	-	12	3	-	366	4	2
Others/Not Reported	405	62	9	20	2	-	1	8	303
No Walls	2	2	-	-	-	-	-	-	-
City of Marikina	87,074	74,076	1,319	9,268	1,882	20	160	69	280
Concrete/Brick/Stone	49,650	47,217	817	1,400	127	2	4	57	26
Wood	9,491	7,165	213	910	1,155	4	28	1	15
Half Concrete/Brick/Stone and Half Wood	26,275	18,709	242	6,770	526	1	4	4	19
Galvanized Iron/Aluminum	950	697	42	159	46	-	5	-	1
Bamboo/Sawali/Cogon/ Nipa	68	31	-	11	11	11	4	-	-
Asbestos	4	1	-	-	1	-	-	2	-
Glass	6	1	-	3	-	-	-	2	-
Makeshift/Salvaged/Improvised Materials	292	150	-	13	11	1	115	-	2
Others/Not Reported	335	103	5	2	5	1	-	2	217
No Walls	3	2	-	-	-	-	-	1	-

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	Not Reported
City of Pasig	136,017	103,217	6,741	17,521	6,280	57	549	137	1,515
Concrete/Brick/Stone	67,653	57,819	5,780	3,205	635	4	2	103	105
Wood	24,802	17,920	361	2,261	4,142	15	67	6	30
Half Concrete/Brick/Stone and Half Wood	39,807	26,354	541	11,469	1,290	1	4	8	140
Galvanized Iron/Aluminum	1,218	535	33	502	136	9	1	1	1
Bamboo/Sawali/Cogon/ Nipa	107	34	-	5	39	27	2	-	-
Asbestos	36	6	7	5	12	-	-	6	-
Glass	54	28	5	6	8	-	-	6	1
Makeshift/Salvaged/Improvised Materials	792	307	-	10	3	-	472	-	-
Others/Not Reported	1,538	204	14	58	15	1	1	7	1,238
No Walls	10	10	-	-	-	-	-	-	-
Quezon City	571,812	504,394	14,703	37,838	6,374	61	2,973	1,706	3,763
Concrete/Brick/Stone	316,394	297,297	12,247	4,521	796	4	86	1,077	366
Wood	67,176	59,906	361	2,599	3,485	11	590	117	107
Half Concrete/Brick/Stone and Half Wood	172,063	138,056	1,931	29,552	1,583	4	349	366	222
Galvanized Iron/Aluminum	6,783	5,256	101	1,022	358	3	18	12	13
Bamboo/Sawali/Cogon/ Nipa	394	258	-	20	75	31	9	-	1
Asbestos	74	34	1	3	1	-	-	32	3
Glass	96	59	13	8	3	-	-	1	12
Makeshift/Salvaged/Improvised Materials	4,514	2,443	-	54	54	6	1,897	9	51
Others/Not Reported	4,287	1,069	42	57	17	2	22	90	2,988
No Walls	31	16	7	2	2	-	2	2	-

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	
City of San Juan	26,427	19,892	1,555	2,881	969	9	525	298	298
Concrete/Brick/Stone	11,308	9,006	1,323	554	115	1	4	286	19
Wood	3,672	2,674	27	444	479	4	27	1	16
Half Concrete/Brick/Stone and Half Wood	10,172	7,849	181	1,808	306	-	13	2	13
Galvanized Iron/Aluminum	180	124	6	33	16	-	-	-	1
Bamboo/Sawali/Cogon/ Nipa	14	6	-	3	3	2	-	-	-
Asbestos	8	1	4	1	2	-	-	-	-
Glass	39	-	1	9	-	-	-	1	28
Makeshift/Salvaged/Improvised Materials	704	192	-	13	10	-	479	3	7
Others/Not Reported	322	34	11	16	38	2	2	5	214
No Walls	8	6	2	-	-	-	-	-	-
Caloocan City	297,199	257,228	5,127	26,185	5,806	89	775	269	1,720
Concrete/Brick/Stone	174,955	167,561	3,527	3,126	332	4	27	153	225
Wood	31,124	24,166	519	2,780	3,474	15	84	15	71
Half Concrete/Brick/Stone and Half Wood	81,945	59,892	886	19,421	1,545	14	50	29	108
Galvanized Iron/Aluminum	4,297	3,193	152	630	306	3	5	5	3
Bamboo/Sawali/Cogon/ Nipa	476	339	-	27	35	43	26	-	6
Asbestos	96	16	1	6	29	-	-	42	2
Glass	227	154	29	31	9	-	-	-	4
Makeshift/Salvaged/Improvised Materials	1,970	1,276	-	64	39	6	575	2	8
Others/Not Reported	2,084	611	13	100	36	4	7	22	1,291
No Walls	25	20	-	-	1	-	1	1	2

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	
City of Malabon	75,933	65,310	1,000	6,662	2,037	57	532	85	250
Concrete/Brick/Stone	27,455	25,584	700	986	141	-	5	19	20
Wood	22,799	19,769	143	1,093	1,437	12	269	26	50
Half Concrete/Brick/Stone and Half Wood	23,654	18,584	134	4,482	385	8	24	8	29
Galvanized Iron/Aluminum	951	817	18	71	28	2	12	2	1
Bamboo/Sawali/Cogon/ Nipa	109	57	-	5	9	31	5	-	2
Asbestos	9	3	2	2	-	-	-	2	-
Glass	2	1	-	-	-	-	-	-	1
Makeshift/Salvaged/Improvised Materials	516	247	-	14	33	3	215	3	1
Others/Not Reported	437	248	3	9	4	1	2	24	146
No Walls	1	-	-	-	-	-	-	1	-
City of Navotas	52,792	47,376	673	1,863	1,996	5	107	422	350
Concrete/Brick/Stone	18,859	17,530	370	636	190	-	3	58	72
Wood	17,115	14,863	157	241	1,490	-	55	286	23
Half Concrete/Brick/Stone and Half Wood	15,310	13,913	141	947	256	1	2	20	30
Galvanized Iron/Aluminum	303	227	4	26	40	-	1	2	3
Bamboo/Sawali/Cogon/ Nipa	100	83	-	3	6	4	2	2	-
Asbestos	75	67	-	-	4	-	-	4	-
Glass	80	76	-	4	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	578	520	-	4	5	-	42	6	1
Others/Not Reported	364	91	1	2	5	-	-	44	221
No Walls	8	6	-	-	-	-	2	-	-

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	Not Reported
City of Valenzuela	125,493	107,509	3,602	10,713	2,287	33	378	219	752
Concrete/Brick/Stone	75,828	71,000	2,799	1,607	153	1	11	184	73
Wood	13,583	10,678	55	1,381	1,410	12	23	11	13
Half Concrete/Brick/Stone and Half Wood	32,685	23,769	723	7,564	570	-	11	7	41
Galvanized Iron/Aluminum	1,521	1,276	16	107	114	3	2	1	2
Bamboo/Sawali/Cogon/ Nipa	105	58	-	7	24	16	-	-	-
Asbestos	6	4	-	1	-	-	-	1	-
Glass	43	40	3	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	831	449	-	34	12	1	329	2	4
Others/Not Reported	890	235	6	12	4	-	1	13	619
No Walls	1	-	-	-	-	-	1	-	-
City of Las Piñas	117,077	99,762	3,168	8,772	2,810	465	694	152	1,254
Concrete/Brick/Stone	65,278	61,312	2,438	918	236	4	7	131	232
Wood	19,101	16,107	204	809	1,776	55	80	5	65
Half Concrete/Brick/Stone and Half Wood	27,527	19,644	435	6,601	572	180	15	4	76
Galvanized Iron/Aluminum	2,012	1,517	44	342	89	5	1	3	11
Bamboo/Sawali/Cogon/ Nipa	376	87	-	19	54	212	2	-	2
Asbestos	27	20	4	-	-	-	-	3	-
Glass	14	8	2	1	2	-	-	-	1
Makeshift/Salvaged/Improvised Materials	1,454	752	-	36	69	6	583	-	8
Others/Not Reported	1,287	315	41	46	12	3	5	6	859
No Walls	1	-	-	-	-	-	1	-	-

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	
City of Makati	115,594	93,261	7,445	8,703	2,264	15	298	578	3,030
Concrete/Brick/Stone	67,105	57,059	6,859	2,007	472	1	17	477	213
Wood	12,379	10,152	171	756	1,225	2	22	13	38
Half Concrete/Brick/Stone and Half Wood	30,621	24,357	367	5,176	489	3	10	35	184
Galvanized Iron/Aluminum	1,019	921	7	62	27	-	-	1	1
Bamboo/Sawali/Cogon/ Nipa	32	18	-	1	6	3	2	-	2
Asbestos	61	11	-	-	1	-	-	1	48
Glass	99	51	16	12	6	-	-	14	-
Makeshift/Salvaged/Improvised Materials	540	262	-	12	19	-	241	3	3
Others/Not Reported	3,730	428	20	677	19	6	5	34	2,541
No Walls	8	2	5	-	-	-	1	-	-
City of Muntinlupa	99,441	84,697	2,578	7,349	2,848	143	736	422	668
Concrete/Brick/Stone	46,615	43,224	2,110	960	172	2	1	39	107
Wood	19,000	14,960	85	1,708	1,967	9	167	49	55
Half Concrete/Brick/Stone and Half Wood	29,812	24,124	265	4,481	642	5	13	217	65
Galvanized Iron/Aluminum	1,701	1,389	69	109	26	1	2	103	2
Bamboo/Sawali/Cogon/ Nipa	516	300	-	41	21	119	28	-	7
Asbestos	27	9	7	3	-	-	-	8	-
Glass	12	4	3	2	-	-	-	2	1
Makeshift/Salvaged/Improvised Materials	1,010	450	-	17	11	4	520	2	6
Others/Not Reported	745	236	39	26	9	3	5	2	425
No Walls	3	1	-	2	-	-	-	-	-

Table 1.12a - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	Not Reported
City of Parañaque	122,726	104,035	3,490	10,868	2,053	35	821	408	1,016
Concrete/Brick/Stone	60,942	55,549	2,840	1,921	125	5	10	350	142
Wood	21,753	18,462	171	1,440	1,490	20	101	19	50
Half Concrete/Brick/Stone and Half Wood	36,204	28,459	449	6,900	282	3	22	6	83
Galvanized Iron/Aluminum	1,066	711	16	229	103	3	3	1	-
Bamboo/Sawali/Cogon/ Nipa	104	53	-	32	13	4	2	-	-
Asbestos	109	79	4	2	4	-	-	20	-
Glass	18	14	-	2	-	-	-	-	2
Makeshift/Salvaged/Improvised Materials	1,128	305	-	110	28	-	681	-	4
Others/Not Reported	1,402	403	10	232	8	-	2	12	735
No Walls	-	-	-	-	-	-	-	-	-
Pasay City	91,237	66,592	5,202	12,891	3,239	15	746	1,869	683
Concrete/Brick/Stone	33,364	27,695	3,517	1,663	145	-	1	203	140
Wood	18,504	14,071	368	1,589	2,316	10	19	65	66
Half Concrete/Brick/Stone and Half Wood	35,536	24,242	1,262	9,290	655	-	5	28	54
Galvanized Iron/Aluminum	657	272	16	291	76	1	1	-	-
Bamboo/Sawali/Cogon/ Nipa	23	7	-	12	3	1	-	-	-
Asbestos	39	4	19	1	12	-	-	2	1
Glass	2	1	1	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	848	112	-	7	11	-	714	-	4
Others/Not Reported	2,256	188	19	38	21	3	6	1,563	418
No Walls	8	-	-	-	-	-	-	8	-

Table 1.12a - concluded

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised Materials	Asbestos/ Others	
Pateros	12,528	11,148	141	965	60	1	22	10	181
Concrete/Brick/Stone	6,659	6,324	131	188	5	-	-	6	5
Wood	1,845	1,565	3	221	48	-	3	-	5
Half Concrete/Brick/Stone and Half Wood	3,684	3,120	4	547	5	1	-	1	6
Galvanized Iron/Aluminum	58	54	1	2	1	-	-	-	-
Bamboo/Sawali/Cogon/ Nipa	8	8	-	-	-	-	-	-	-
Asbestos	8	8	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	54	30	-	4	1	-	19	-	-
Others/Not Reported	212	39	2	3	-	-	-	3	165
No Walls	-	-	-	-	-	-	-	-	-
Taguig City	132,670	101,554	8,201	14,526	5,368	15	601	764	1,641
Concrete/Brick/Stone	72,573	61,408	6,733	3,117	365	5	9	714	222
Wood	19,315	13,472	884	962	3,742	6	117	21	111
Half Concrete/Brick/Stone and Half Wood	35,713	24,328	363	9,880	792	1	228	6	115
Galvanized Iron/Aluminum	2,007	1,009	93	477	414	-	5	2	7
Bamboo/Sawali/Cogon/ Nipa	225	187	-	8	19	3	2	-	6
Asbestos	11	6	1	2	-	-	-	2	-
Glass	171	45	88	25	5	-	-	8	-
Makeshift/Salvaged/Improvised Materials	963	693	-	13	14	-	238	2	3
Others/Not Reported	1,691	406	39	41	17	-	2	9	1,177
No Walls	1	-	-	1	-	-	-	-	-

Table 1.12b

**TOTAL OCCUPIED HOUSING UNITS BY CITY/MUNICIPALITY, BY CONSTRUCTION MATERIALS OF THE OUTER WALL, AND BY CONSTRUCTION MATERIALS OF THE ROOF, NCR: 2010**

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
<b>NCR</b>	<b>2,634,374</b>	<b>2,274,612</b>	<b>112,231</b>	<b>204,484</b>	<b>17,483</b>	<b>987</b>	<b>2,060</b>	<b>18,667</b>	<b>166</b>
Concrete/Brick/Stone	1,673,498	1,537,712	99,100	31,320	1,330	114	1,303	451	-
Wood	337,395	297,102	3,884	17,737	13,880	242	104	3,997	-
Half Concrete/Brick/Stone and Half Wood	583,962	419,295	8,927	152,524	2,052	60	157	699	-
Galvanized Iron/Aluminum	11,332	8,887	189	2,090	81	7	3	52	-
Bamboo/Sawali/Cogon/Nipa	2,034	1,237	-	107	31	458	-	168	-
Asbestos	978	396	29	26	5	-	489	-	-
Glass	204	170	18	11	3	-	2	-	-
Makeshift/Salvaged/Improvised Materials	16,995	6,315	-	372	63	56	-	10,104	-
Others	1,268	729	25	58	8	-	1	62	-
No Walls	605	136	6	11	3	3	1	175	25
<b>Not Reported</b>	<b>6,103</b>	<b>2,633</b>	<b>53</b>	<b>228</b>	<b>27</b>	<b>47</b>	<b>-</b>	<b>2,959</b>	<b>141</b>
City of Manila	359,892	289,767	19,250	29,716	15,619	102	87	4,372	154
Concrete/Brick/Stone	171,992	150,732	15,411	4,433	1,219	17	32	60	-
Wood	72,613	54,208	1,575	2,773	12,356	39	20	1,384	-
Half Concrete/Brick/Stone and Half Wood	108,250	81,992	2,205	22,077	1,856	2	5	56	-
Galvanized Iron/Aluminum	2,170	1,698	16	347	73	1	-	15	-
Bamboo/Sawali/Cogon/Nipa	205	66	-	10	21	34	-	67	-
Asbestos	94	22	4	1	4	-	30	-	-
Glass	22	11	7	1	3	-	-	-	-
Makeshift/Salvaged/Improvised Materials	2,905	603	-	25	55	8	-	2,196	-
Others	221	53	6	11	5	-	-	25	-
No Walls	419	25	2	1	3	1	-	139	25
<b>Not Reported</b>	<b>1,001</b>	<b>357</b>	<b>24</b>	<b>37</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>430</b>	<b>129</b>

Source: National Statistics Office, 2010 Census of Population and Housing

Note: "-" means 0

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of Mandaluyong	75,417	60,654	6,489	7,384	86	2	76	313	8
Concrete/Brick/Stone	40,701	33,262	5,859	1,136	7	-	12	39	-
Wood	11,618	10,766	131	591	71	-	6	52	-
Half Concrete/Brick/Stone and Half Wood	22,261	16,205	457	5,560	8	2	15	14	-
Galvanized Iron/Aluminum	327	207	33	86	-	-	1	-	-
Bamboo/Sawali/Cogon/Nipa	4	4	-	-	-	-	-	-	-
Asbestos	73	23	4	4	-	-	42	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	280	132	-	5	-	-	-	139	-
Others	36	17	5	-	-	-	-	-	-
No Walls	-	-	-	-	-	-	-	-	-
Not Reported	117	38	-	2	-	-	-	69	8
City of Marikina	88,559	79,514	1,880	6,679	39	3	55	319	1
Concrete/Brick/Stone	62,962	60,401	1,541	903	6	-	37	15	-
Wood	5,686	5,111	98	317	30	2	11	115	-
Half Concrete/Brick/Stone and Half Wood	19,062	13,402	236	5,398	-	-	3	18	-
Galvanized Iron/Aluminum	498	446	2	44	3	-	1	1	-
Bamboo/Sawali/Cogon/Nipa	-	-	-	-	-	-	-	-	-
Asbestos	13	7	2	2	-	-	2	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	236	103	-	10	-	1	-	121	-
Others	13	7	-	5	-	-	-	-	-
No Walls	7	5	1	-	-	-	1	-	-
Not Reported	82	32	-	-	-	-	-	49	1

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of Pasig	149,650	127,903	7,138	13,704	19	-	48	575	2
Concrete/Brick/Stone	96,394	87,352	6,465	2,280	2	-	42	12	-
Wood	19,129	16,517	159	2,322	17	-	3	101	-
Half Concrete/Brick/Stone and Half Wood	33,377	23,758	509	9,071	-	-	3	30	-
Galvanized Iron/Aluminum	2	2	-	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	-	-	-	-	-	-	-	-	-
Asbestos	78	71	1	6	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	450	141	-	14	-	-	-	295	-
Others	13	9	-	-	-	-	-	2	-
No Walls	14	11	-	2	-	-	-	-	-
Not Reported	193	42	4	9	-	-	-	135	2
Quezon City	609,830	543,791	16,993	43,639	51	151	701	4,120	-
Concrete/Brick/Stone	409,676	387,023	15,244	6,378	10	29	621	111	-
Wood	60,220	55,478	401	3,789	35	35	22	420	-
Half Concrete/Brick/Stone and Half Wood	132,915	98,006	1,336	33,219	6	13	46	245	-
Galvanized Iron/Aluminum	45	23	-	21	-	-	-	1	-
Bamboo/Sawali/Cogon/Nipa	255	166	-	18	-	52	-	19	-
Asbestos	121	96	7	6	-	-	12	-	-
Glass	2	2	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	4,846	2,104	-	123	-	10	-	2,596	-
Others	105	66	3	4	-	-	-	11	-
No Walls	-	-	-	-	-	-	-	-	-
Not Reported	1,645	827	2	81	-	12	-	717	-

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of San Juan	27,490	23,288	1,882	2,217	19	-	4	75	-
Concrete/Brick/Stone	14,819	12,767	1,824	222	-	-	3	1	-
Wood	3,873	3,738	13	99	15	-	-	8	-
Half Concrete/Brick/Stone and Half Wood	8,648	6,723	45	1,873	4	-	-	1	-
Galvanized Iron/Aluminum	60	43	-	17	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	-	-	-	-	-	-	-	-	-
Asbestos	2	1	-	-	-	-	1	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	30	4	-	6	-	-	-	20	-
Others	3	2	-	-	-	-	-	-	-
No Walls	-	-	-	-	-	-	-	-	-
Not Reported	55	10	-	-	-	-	-	45	-
Caloocan City	328,948	294,459	9,456	23,435	6	97	93	1,264	-
Concrete/Brick/Stone	238,404	226,093	8,133	3,978	-	17	65	60	-
Wood	25,026	22,940	287	1,577	6	29	5	177	-
Half Concrete/Brick/Stone and Half Wood	60,702	42,215	993	17,374	-	11	7	79	-
Galvanized Iron/Aluminum	1,986	1,525	32	418	-	-	-	11	-
Bamboo/Sawali/Cogon/Nipa	312	256	-	8	-	31	-	17	-
Asbestos	112	91	4	1	-	-	16	-	-
Glass	21	19	1	1	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	1,674	893	-	58	-	7	-	715	-
Others	128	67	-	7	-	-	-	4	-
No Walls	38	34	-	-	-	-	-	4	-
Not Reported	545	326	6	13	-	2	-	197	-

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	
City of Malabon	78,730	70,710	1,558	5,815	53	37	16	517	-
Concrete/Brick/Stone	39,864	37,868	1,403	551	5	4	15	9	-
Wood	20,131	19,296	66	598	48	9	1	112	-
Half Concrete/Brick/Stone and Half Wood	17,438	12,712	84	4,624	-	2	-	13	-
Galvanized Iron/Aluminum	566	521	5	37	-	1	-	2	-
Bamboo/Sawali/Cogon/Nipa	71	49	-	1	-	16	-	2	-
Asbestos	9	9	-	-	-	-	-	-	-
Glass	6	6	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	467	193	-	4	-	5	-	264	-
Others	25	20	-	-	-	-	-	1	-
No Walls	12	9	-	-	-	-	-	3	-
Not Reported	141	27	-	-	-	-	-	111	-
City of Navotas	54,979	48,125	1,514	4,193	32	22	229	802	-
Concrete/Brick/Stone	25,322	23,436	1,259	412	-	2	193	4	-
Wood	15,646	14,598	103	492	25	10	4	393	-
Half Concrete/Brick/Stone and Half Wood	13,129	9,696	146	3,240	4	-	24	9	-
Galvanized Iron/Aluminum	193	150	5	35	-	-	1	2	-
Bamboo/Sawali/Cogon/Nipa	65	43	-	3	-	5	-	11	-
Asbestos	13	3	1	1	1	-	7	-	-
Glass	3	3	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	489	118	-	1	2	2	-	365	-
Others	20	9	-	1	-	-	-	1	-
No Walls	9	5	-	-	-	-	-	2	-
Not Reported	90	64	-	8	-	3	-	15	-

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of Valenzuela	133,345	117,951	4,828	9,891	31	62	71	431	-
Concrete/Brick/Stone	96,147	89,580	4,495	1,913	1	5	70	19	-
Wood	14,276	13,440	103	620	22	6	1	79	-
Half Concrete/Brick/Stone and Half Wood	21,098	13,881	212	6,973	4	5	-	19	-
Galvanized Iron/Aluminum	1,011	640	14	350	2	3	-	2	-
Bamboo/Sawali/Cogon/Nipa	79	40	-	8	-	30	-	1	-
Asbestos	12	11	-	1	-	-	-	-	-
Glass	6	6	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	471	230	-	11	2	2	-	225	-
Others	11	4	-	-	-	-	-	1	-
No Walls	9	4	1	2	-	2	-	-	-
Not Reported	225	115	3	13	-	9	-	85	-
City of Las Piñas	121,675	106,989	3,682	8,638	832	96	9	1,279	-
Concrete/Brick/Stone	82,954	78,184	3,163	1,446	40	11	5	27	-
Wood	16,054	14,241	147	741	714	51	1	147	-
Half Concrete/Brick/Stone and Half Wood	19,402	12,715	354	6,195	67	7	-	53	-
Galvanized Iron/Aluminum	1,182	970	12	193	3	-	-	3	-
Bamboo/Sawali/Cogon/Nipa	142	108	-	9	3	18	-	4	-
Asbestos	22	16	3	-	-	-	3	-	-
Glass	19	15	2	2	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	1,236	428	-	27	2	6	-	772	-
Others	148	87	1	10	3	-	-	-	-
No Walls	12	9	-	1	-	-	-	2	-
Not Reported	504	216	-	14	-	3	-	271	-

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of Makati	121,211	99,908	12,356	8,301	-	5	20	289	-
Concrete/Brick/Stone	88,647	74,640	11,988	1,727	-	1	17	4	-
Wood	7,465	7,014	57	373	-	1	-	11	-
Half Concrete/Brick/Stone and Half Wood	23,835	17,370	298	6,148	-	-	-	8	-
Galvanized Iron/Aluminum	742	686	10	44	-	-	-	2	-
Bamboo/Sawali/Cogon/Nipa	9	6	-	-	-	3	-	-	-
Asbestos	4	-	-	1	-	-	3	-	-
Glass	3	1	2	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	249	92	-	5	-	-	-	127	-
Others	68	43	1	3	-	-	-	4	-
No Walls	-	-	-	-	-	-	-	-	-
Not Reported	189	56	-	-	-	-	-	133	-
City of Muntinlupa	99,694	86,796	3,322	7,918	12	191	163	1,109	1
Concrete/Brick/Stone	63,256	59,317	2,858	813	1	6	144	28	-
Wood	13,069	12,165	165	561	4	12	1	148	-
Half Concrete/Brick/Stone and Half Wood	20,973	14,261	269	6,350	7	5	6	45	-
Galvanized Iron/Aluminum	419	304	10	100	-	-	-	5	-
Bamboo/Sawali/Cogon/Nipa	581	354	-	30	-	159	-	33	-
Asbestos	17	7	-	-	-	-	10	-	-
Glass	24	17	3	3	-	-	1	-	-
Makeshift/Salvaged/Improvised Materials	885	213	-	18	-	3	-	648	-
Others	85	34	1	1	-	-	1	7	-
No Walls	19	12	2	3	-	-	-	1	-
Not Reported	366	112	14	39	-	6	-	194	1

Table 1.12b - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Not Reported
City of Parañaque	133,983	114,531	5,888	11,808	191	57	79	1,188	-
Concrete/Brick/Stone	82,817	75,940	4,926	1,754	13	5	14	25	-
Wood	20,107	17,951	251	1,227	159	25	21	447	-
Half Concrete/Brick/Stone and Half Wood	29,032	19,605	692	8,633	15	3	39	27	-
Galvanized Iron/Aluminum	567	393	11	155	-	2	-	6	-
Bamboo/Sawali/Cogon/Nipa	95	54	-	12	1	10	-	4	-
Asbestos	21	15	2	-	-	-	4	-	-
Glass	21	15	2	3	-	-	1	-	-
Makeshift/Salvaged/Improvised Materials	779	348	-	22	-	12	-	385	-
Others	107	73	4	-	-	-	-	1	-
No Walls	16	2	-	2	-	-	-	10	-
Not Reported	421	135	-	-	3	-	-	283	-
Pasay City	90,583	75,245	4,690	9,404	55	7	4	1,059	-
Concrete/Brick/Stone	46,641	41,354	4,070	1,139	2	2	2	14	-
Wood	14,401	13,310	134	776	46	4	-	105	-
Half Concrete/Brick/Stone and Half Wood	27,771	19,881	479	7,381	6	1	1	21	-
Galvanized Iron/Aluminum	411	320	6	85	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	16	13	-	-	1	-	-	1	-
Asbestos	7	4	-	2	-	-	1	-	-
Glass	1	1	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	1,041	177	-	5	-	-	-	855	-
Others	87	56	1	13	-	-	-	4	-
No Walls	49	19	-	-	-	-	-	14	-
Not Reported	158	110	-	3	-	-	-	45	-

Table 1.12b - concluded

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof							Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Wood	Cogon/ Nipa/ Anahaw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	
Pateros	13,190	11,376	224	1,008	438	5	-	123	-
Concrete/Brick/Stone	7,612	7,192	193	188	24	-	-	-	-
Wood	1,934	1,509	5	74	332	2	-	12	-
Half Concrete/Brick/Stone and Half Wood	3,415	2,569	25	741	75	-	-	4	-
Galvanized Iron/Aluminum	46	43	1	2	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	12	2	-	-	5	3	-	2	-
Asbestos	-	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	90	31	-	2	2	-	-	55	-
Others	9	8	-	1	-	-	-	-	-
No Walls	1	1	-	-	-	-	-	-	-
Not Reported	71	21	-	-	-	-	-	50	-
Taguig City	147,198	123,605	11,081	10,734	-	150	405	832	-
Concrete/Brick/Stone	105,290	92,571	10,268	2,047	-	15	31	23	-
Wood	16,147	14,820	189	807	-	17	8	286	-
Half Concrete/Brick/Stone and Half Wood	22,654	14,304	587	7,667	-	9	8	57	-
Galvanized Iron/Aluminum	1,107	916	32	156	-	-	-	2	-
Bamboo/Sawali/Cogon/Nipa	188	76	-	8	-	97	-	7	-
Asbestos	380	20	1	1	-	-	358	-	-
Glass	76	74	1	1	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	867	505	-	36	-	-	-	326	-
Others	189	174	3	2	-	-	-	1	-
No Walls	-	-	-	-	-	-	-	-	-
Not Reported	300	145	-	9	-	12	-	130	-

Table 1.12c

**TOTAL OCCUPIED HOUSING UNITS BY CITY/MUNICIPALITY, BY CONSTRUCTION MATERIALS OF THE OUTER WALL, AND BY CONSTRUCTION MATERIALS OF THE ROOF, NCR: 2015**

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	Not Reported
<b>NCR</b>	<b>2,968,651</b>	<b>2,522,479</b>	<b>196,380</b>	<b>223,553</b>	<b>5,880</b>	<b>2,845</b>	<b>8,938</b>	<b>6,100</b>	<b>2,105</b>	<b>371</b>
Concrete/Brick/Stone	1,996,376	1,786,599	173,355	33,435	190	1,928	226	129	514	-
Wood	327,593	279,929	10,444	28,260	3,704	485	2,079	1,685	1,005	2
Half Concrete/Brick/Stone and Half Wood	611,058	437,499	12,005	159,641	462	340	721	134	256	-
Galvanized Iron/Aluminum	13,269	10,929	457	1,676	119	14	38	16	20	-
Bamboo/Sawali/Cogon/Nipa	2,243	622	-	55	1,323	-	63	179	1	-
Asbestos	541	459	5	13	-	64	-	-	-	-
Glass	182	108	42	24	-	8	-	-	-	-
Makeshift/Salvaged/Improvised Materials	8,343	1,901	-	141	33	-	5,472	772	22	2
Trapal	3,658	398	-	-	41	-	241	2,971	7	-
Others	471	248	10	6	1	-	7	24	175	-
No Walls	445	106	6	1	-	-	76	177	79	-
<b>Not Reported</b>	<b>4,472</b>	<b>3,681</b>	<b>56</b>	<b>301</b>	<b>7</b>	<b>6</b>	<b>15</b>	<b>13</b>	<b>26</b>	<b>367</b>
City of Manila	409,987	345,286	24,640	34,415	97	146	1,858	3,084	453	8
Concrete/Brick/Stone	210,893	186,250	21,164	3,284	4	55	19	42	75	-
Wood	63,024	55,117	1,168	5,510	66	62	222	682	197	-
Half Concrete/Brick/Stone and Half Wood	129,409	101,680	2,239	25,298	4	26	34	60	68	-
Galvanized Iron/Aluminum	1,343	1,065	62	199	-	-	9	6	2	-
Bamboo/Sawali/Cogon/Nipa	197	61	-	1	10	-	16	108	1	-
Asbestos	355	355	-	-	-	-	-	-	-	-
Glass	25	25	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	2,144	206	-	20	3	-	1,391	512	12	-
Trapal	1,749	84	-	-	5	-	101	1,555	4	-
Others	128	61	-	-	-	-	2	7	58	-
No Walls	233	25	1	-	-	-	63	108	36	-
Not Reported	487	357	6	103	5	3	1	4	-	8

Source: National Statistics Office, 2010 Census of Population and Housing

Note: "-" means 0

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	
City of Mandaluyong	93,319	81,724	7,284	3,846	39	80	236	38	72	-
Concrete/Brick/Stone	58,117	50,756	6,622	695	5	20	6	-	13	-
Wood	11,463	10,487	290	477	15	51	83	10	50	-
Half Concrete/Brick/Stone and Half Wood	22,648	19,573	358	2,655	17	9	30	1	5	-
Galvanized Iron/Aluminum	233	206	10	17	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	2	-	-	-	2	-	-	-	-	-
Asbestos	21	21	-	-	-	-	-	-	-	-
Glass	10	8	-	2	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	119	8	-	-	-	-	105	5	1	-
Trapal	34	2	-	-	-	-	12	20	-	-
Others	21	16	3	-	-	-	-	2	-	-
No Walls	6	5	-	-	-	-	-	-	1	-
Not Reported	645	642	1	-	-	-	-	-	2	-
City of Marikina	95,305	80,597	4,105	10,185	62	95	228	9	24	-
Concrete/Brick/Stone	71,301	66,886	3,473	893	4	33	6	-	6	-
Wood	5,647	4,169	211	1,145	30	33	47	3	9	-
Half Concrete/Brick/Stone and Half Wood	17,628	9,346	349	7,868	4	26	32	1	2	-
Galvanized Iron/Aluminum	465	136	72	247	8	-	2	-	-	-
Bamboo/Sawali/Cogon/Nipa	23	3	-	3	15	-	2	-	-	-
Asbestos	4	1	-	-	-	3	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	166	17	-	12	-	-	137	-	-	-
Trapal	10	2	-	-	1	-	2	5	-	-
Others	19	11	-	2	-	-	-	-	6	-
No Walls	5	4	-	-	-	-	-	-	1	-
Not Reported	37	22	-	15	-	-	-	-	-	-

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	Not Reported
City of Pasig	175,280	149,525	15,344	9,237	446	159	301	145	121	2
Concrete/Brick/Stone	131,172	115,232	14,034	1,749	11	103	6	7	30	-
Wood	16,564	14,185	529	1,293	280	28	156	31	62	-
Half Concrete/Brick/Stone and Half Wood	26,197	19,231	745	6,138	30	11	13	8	21	-
Galvanized Iron/Aluminum	785	697	33	39	2	12	-	2	-	-
Bamboo/Sawali/Cogon/Nipa	163	40	-	-	121	-	-	2	-	-
Asbestos	9	4	-	-	-	5	-	-	-	-
Glass	8	7	1	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	175	43	-	3	-	-	124	5	-	-
Trapal	111	16	-	-	2	-	2	90	1	-
Others	9	7	-	-	-	-	-	-	2	-
No Walls	4	2	-	-	-	-	-	-	2	-
Not Reported	83	61	2	15	-	-	-	-	3	2
Quezon City	660,249	585,900	26,414	43,092	574	794	2,146	695	319	315
Concrete/Brick/Stone	449,577	420,300	22,743	5,648	37	647	76	21	105	-
Wood	60,343	52,958	1,946	4,199	359	49	433	276	121	2
Half Concrete/Brick/Stone and Half Wood	143,187	108,333	1,655	32,745	38	74	266	28	48	-
Galvanized Iron/Aluminum	2,742	2,317	26	363	21	2	10	1	2	-
Bamboo/Sawali/Cogon/Nipa	213	81	-	8	110	-	3	11	-	-
Asbestos	71	38	5	8	-	20	-	-	-	-
Glass	42	31	9	2	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	1,976	526	-	39	6	-	1,302	99	4	-
Trapal	343	70	-	-	1	-	37	234	1	-
Others	87	60	1	-	-	-	3	3	20	-
No Walls	35	13	1	-	-	-	5	14	2	-
Not Reported	1,633	1,173	28	80	2	2	11	8	16	313

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	
City of San Juan	26,768	23,216	2,131	1,397	-	-	20	3	-	1
Concrete/Brick/Stone	16,674	14,542	1,920	212	-	-	-	-	-	-
Wood	2,729	2,349	106	274	-	-	-	-	-	-
Half Concrete/Brick/Stone and Half Wood	6,586	5,590	103	893	-	-	-	-	-	-
Galvanized Iron/Aluminum	46	26	2	18	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	-	-	-	-	-	-	-	-	-	-
Asbestos	-	-	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	19	-	-	-	-	-	19	-	-	-
Trapal	3	-	-	-	-	-	1	2	-	-
Others	-	-	-	-	-	-	-	-	-	-
No Walls	-	-	-	-	-	-	-	-	-	-
Not Reported	711	709	-	-	-	-	-	1	-	1
Caloocan City	353,357	300,885	18,750	31,050	459	530	1,077	299	306	1
Concrete/Brick/Stone	268,805	247,460	15,946	4,703	22	502	71	13	88	-
Wood	23,826	18,941	1,213	2,977	221	18	187	123	146	-
Half Concrete/Brick/Stone and Half Wood	57,542	32,545	1,526	23,226	38	6	143	7	51	-
Galvanized Iron/Aluminum	1,590	1,372	65	103	26	-	8	2	14	-
Bamboo/Sawali/Cogon/Nipa	292	120	-	9	145	-	1	17	-	-
Asbestos	15	11	-	-	-	4	-	-	-	-
Trapal	1	1	-	-	-	-	-	-	-	-
Glass	955	250	-	20	3	-	647	34	1	-
Makeshift/Salvaged/Improvised Materials	188	61	-	-	4	-	20	103	-	-
Others	36	31	-	-	-	-	-	-	5	-
No Walls	8	7	-	-	-	-	-	-	1	-
Not Reported	99	86	-	12	-	-	-	-	-	1

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	
City of Malabon	81,724	69,764	3,389	7,342	557	56	456	128	32	-
Concrete/Brick/Stone	42,482	39,324	2,617	479	6	29	5	4	18	-
Wood	16,027	13,528	369	1,444	474	6	156	47	3	-
Half Concrete/Brick/Stone and Half Wood	21,683	15,926	395	5,258	36	16	49	2	1	-
Galvanized Iron/Aluminum	889	760	4	113	8	-	2	2	-	-
Bamboo/Sawali/Cogon/Nipa	60	22	-	2	31	-	1	4	-	-
Asbestos	8	3	-	-	-	5	-	-	-	-
Glass	3	3	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	375	91	-	32	2	-	237	10	3	-
Trapal	115	50	-	-	-	-	6	59	-	-
Others	19	8	4	-	-	-	-	-	7	-
No Walls	2	2	-	-	-	-	-	-	-	-
Not Reported	61	47	-	14	-	-	-	-	-	-
City of Navotas	56,260	49,299	2,563	3,595	288	24	148	316	27	-
Concrete/Brick/Stone	31,709	28,556	2,342	798	3	2	3	2	3	-
Wood	13,101	12,218	82	421	211	18	24	117	10	-
Half Concrete/Brick/Stone and Half Wood	10,819	8,304	138	2,364	2	4	7	-	-	-
Galvanized Iron/Aluminum	103	95	1	3	3	-	-	1	-	-
Bamboo/Sawali/Cogon/Nipa	130	37	-	1	67	-	5	20	-	-
Asbestos	4	4	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	149	31	-	1	1	-	99	17	-	-
Trapal	184	15	-	-	1	-	10	158	-	-
Others	21	6	-	-	-	-	-	1	14	-
No Walls	-	-	-	-	-	-	-	-	-	-
Not Reported	40	33	-	7	-	-	-	-	-	-

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	
City of Valenzuela	147,161	122,386	12,074	12,236	174	19	197	64	11	-
Concrete/Brick/Stone	113,301	100,050	10,890	2,322	6	17	5	6	5	-
Wood	12,027	10,619	272	989	60	2	55	28	2	-
Half Concrete/Brick/Stone and Half Wood	20,472	10,797	825	8,818	12	-	15	3	2	-
Galvanized Iron/Aluminum	886	697	86	95	7	-	-	-	1	-
Bamboo/Sawali/Cogon/Nipa	116	23	-	5	87	-	1	-	-	-
Asbestos	2	2	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	206	80	-	4	2	-	116	4	-	-
Trapal	34	7	-	-	-	-	5	22	-	-
Others	4	3	-	-	-	-	-	-	1	-
No Walls	2	1	-	-	-	-	-	1	-	-
Not Reported	111	107	1	3	-	-	-	-	-	-
City of Las Piñas	137,897	121,676	5,823	8,739	812	139	433	196	78	1
Concrete/Brick/Stone	102,353	95,634	5,015	1,544	38	100	3	13	6	-
Wood	16,335	13,805	595	1,245	479	16	90	37	68	-
Half Concrete/Brick/Stone and Half Wood	17,358	11,245	187	5,837	32	21	28	7	1	-
Galvanized Iron/Aluminum	884	756	25	76	23	-	4	-	-	-
Bamboo/Sawali/Cogon/Nipa	339	81	-	8	229	-	12	9	-	-
Asbestos	3	2	-	-	-	1	-	-	-	-
Glass	13	9	1	3	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	367	63	-	3	8	-	287	6	-	-
Trapal	130	16	-	-	3	-	7	104	-	-
Others	13	10	-	-	-	-	-	-	3	-
No Walls	34	11	-	1	-	-	2	20	-	-
Not Reported	68	44	-	22	-	1	-	-	-	1

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								Not Reported
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	
City of Makati	148,430	113,539	24,048	10,219	76	154	145	160	86	3
Concrete/Brick/Stone	114,232	89,704	22,716	1,665	-	130	1	2	14	-
Wood	9,183	7,784	323	925	31	13	24	18	65	-
Half Concrete/Brick/Stone and Half Wood	24,279	15,694	984	7,578	4	-	12	7	-	-
Galvanized Iron/Aluminum	329	276	9	41	1	-	-	2	-	-
Bamboo/Sawali/Cogon/Nipa	27	3	-	-	20	-	3	1	-	-
Asbestos	5	2	-	-	-	3	-	-	-	-
Glass	28	7	13	-	-	8	-	-	-	-
Makeshift/Salvaged/Improvised Materials	124	16	-	-	-	-	93	15	-	-
Trapal	136	2	-	-	20	-	11	103	-	-
Others	14	4	2	3	-	-	-	1	4	-
No Walls	19	4	-	-	-	-	1	11	3	-
Not Reported	54	43	1	7	-	-	-	-	-	3
City of Muntinlupa	115,515	96,576	7,926	8,975	1,072	104	390	314	156	2
Concrete/Brick/Stone	77,579	68,466	7,173	1,784	33	74	5	5	39	-
Wood	16,442	13,478	431	1,572	641	19	124	69	108	-
Half Concrete/Brick/Stone and Half Wood	19,598	13,678	307	5,431	127	5	46	4	-	-
Galvanized Iron/Aluminum	866	676	8	173	9	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	375	94	-	6	257	-	11	7	-	-
Asbestos	13	5	-	2	-	6	-	-	-	-
Glass	3	3	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	304	64	-	3	2	-	199	36	-	-
Trapal	214	22	-	-	2	-	5	185	-	-
Others	10	2	-	-	1	-	-	2	5	-
No Walls	15	7	1	-	-	-	-	6	1	-
Not Reported	96	81	6	4	-	-	-	-	3	2

Table 1.12c - continued

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	Not Reported
City of Parañaque	159,587	133,074	11,422	13,601	354	159	582	149	229	17
Concrete/Brick/Stone	100,847	88,055	9,723	2,910	6	126	11	8	8	-
Wood	22,158	18,792	1,058	1,767	180	12	173	41	135	-
Half Concrete/Brick/Stone and Half Wood	34,787	25,246	607	8,789	79	5	22	1	38	-
Galvanized Iron/Aluminum	864	751	12	99	1	-	1	-	-	-
Bamboo/Sawali/Cogon/Nipa	124	28	-	7	85	-	4	-	-	-
Asbestos	26	7	-	3	-	16	-	-	-	-
Glass	43	11	15	17	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	471	104	-	1	2	-	352	10	-	2
Trapal	111	12	-	-	1	-	9	88	1	-
Others	65	15	-	-	-	-	2	1	47	-
No Walls	17	12	-	-	-	-	5	-	-	-
Not Reported	74	41	7	8	-	-	3	-	-	15
Pasay City	101,557	83,086	6,153	11,949	-	-	95	240	34	-
Concrete/Brick/Stone	54,146	47,787	4,644	1,712	-	-	-	3	-	-
Wood	14,093	11,579	696	1,793	-	-	8	17	-	-
Half Concrete/Brick/Stone and Half Wood	32,635	23,409	800	8,419	-	-	7	-	-	-
Galvanized Iron/Aluminum	197	159	13	25	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	-	-	-	-	-	-	-	-	-	-
Asbestos	-	-	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	186	98	-	-	-	-	77	11	-	-
Trapal	201	11	-	-	-	-	3	187	-	-
Others	7	-	-	-	-	-	-	7	-	-
No Walls	47	-	-	-	-	-	-	15	32	-
Not Reported	45	43	-	-	-	-	-	-	2	-

Table 1.12c - concluded

City/Municipality/ Construction Materials of the Outer Wall	Total Occupied Housing Units	Construction Materials of the Roof								
		Galvanized Iron/ Aluminum	Tile/ Concrete/ Clay Tile	Half Galvanized Iron/ Half Concrete	Bamboo/ cogon/ nipa/ana haw	Asbestos	Makeshift/ Salvaged/ Improvised Materials	Trapal	Others	Not Reported
Pateros	13,393	10,860	956	1,412	68	-	97	-	-	-
Concrete/Brick/Stone	8,445	7,735	587	117	2	-	4	-	-	-
Wood	1,824	1,400	154	132	64	-	74	-	-	-
Half Concrete/Brick/Stone and Half Wood	3,076	1,699	214	1,159	2	-	2	-	-	-
Galvanized Iron/Aluminum	11	7	1	3	-	-	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	2	-	-	1	-	-	1	-	-	-
Asbestos	-	-	-	-	-	-	-	-	-	-
Glass	-	-	-	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	29	13	-	-	-	-	16	-	-	-
Trapal	-	-	-	-	-	-	-	-	-	-
Others	1	1	-	-	-	-	-	-	-	-
No Walls	-	-	-	-	-	-	-	-	-	-
Not Reported	5	5	-	-	-	-	-	-	-	-
Taguig City	192,862	155,086	23,358	12,263	802	386	529	260	157	21
Concrete/Brick/Stone	144,743	119,862	21,746	2,920	13	90	5	3	104	-
Wood	22,807	18,520	1,001	2,097	593	158	223	186	29	-
Half Concrete/Brick/Stone and Half Wood	23,154	15,203	573	7,165	37	137	15	5	19	-
Galvanized Iron/Aluminum	1,036	933	28	62	10	-	2	-	1	-
Bamboo/Sawali/Cogon/Nipa	180	29	-	4	144	-	3	-	-	-
Asbestos	5	4	-	-	-	1	-	-	-	-
Glass	6	3	3	-	-	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	578	291	-	3	4	-	271	8	1	-
Trapal	95	28	-	-	1	-	10	56	-	-
Others	17	13	-	1	-	-	-	-	3	-
No Walls	18	13	3	-	-	-	-	2	-	-
Not Reported	223	187	4	11	-	-	-	-	-	21

Table 1.13

**AGE DEPENDENCY RATIO BY CITY/MUNICIPALITY AND BY YEAR, NCR: 2007 AND 2010**

City/ Municipality	Dependency Ratio		Young Dependents		Old Dependents	
	2010	2007	2010	2007	2010	2007
<b>NCR</b>	<b>47.8</b>	<b>50.4</b>	<b>42.8</b>	<b>45.7</b>	<b>5.0</b>	<b>4.7</b>
City of Manila	47.2	48.7	41.8	43.5	5.4	5.2
City of Mandaluyong	42.9	46.8	37.4	41.7	5.5	5.1
City of Marikina	47.1	51.8	40.8	46.0	6.3	5.8
City of Pasig	47.1	50.6	42.1	46.0	5.0	4.6
Quezon City	47.9	49.9	43.0	45.1	4.9	4.8
City of San Juan	39.4	41.9	32.0	35.0	7.4	6.9
Caloocan City	52.7	55.5	48.2	51.1	4.5	4.4
City of Malabon	50.7	55.6	45.5	50.6	5.2	5.0
City of Navotas	55.2	59.3	50.5	54.6	4.7	4.7
City of Valenzuela	49.9	53.2	45.6	49.2	4.3	4.0
City of Las Piñas	48.7	50.8	43.4	46.2	5.3	4.6
City of Makati	40.1	44.4	34.1	38.7	6.0	5.7
City of Muntinlupa	44.2	44.6	39.6	40.7	4.6	3.9
City of Parañaque	45.7	49.0	40.5	44.5	5.2	4.5
Pasay City	45.2	47.3	40.2	43.1	5.0	4.2
Pateros	50.1	53.4	43.7	47.1	6.4	6.3
Taguig City	49.5	53.6	46.0	50.3	3.5	3.3

Source: Philippine Statistics Authority

Table 1.14a

**MEDIUM ASSUMPTION AVERAGE ANNUAL GROWTH RATES BY FIVE CALENDAR-YEAR INTERVAL, PHL AND NCR: 2010 - 2045**

Region	2010	2015	2020	2025	2030	2035	2040
	2015	2020	2025	2030	2035	2040	2045
<b>PHL</b>	<b>1.7</b>	<b>1.6</b>	<b>1.4</b>	<b>1.2</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>
<b>NCR</b>	<b>1.3</b>	<b>1.0</b>	<b>0.7</b>	<b>0.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.0</b>

Source: Philippine Statistics Authority

Table 1.14b

**MEDIUM ASSUMPTION 2010-PROJECTED REGIONAL LIFE EXPECTANCY AT BIRTH BY SEX AND BY FIVE CALENDAR-YEAR INTERVAL, NCR: 2010 - 2045**

Sex	2010	2010	2015	2020	2025	2030	2035	2040
	(baseline)	2015	2020	2025	2030	2035	2040	2045
Male	69.1	69.9	71.5	73.0	74.3	75.5	76.6	77.7
Female	75.2	76.1	77.7	79.1	80.4	81.6	82.6	83.6

Source:

Table 1.14c

**MEDIUM ASSUMPTION 2010 CENSUS BASED POPULATION PROJECTIONS BY SEX, AND BY FIVE-YEAR AGE GROUP, NCR: 2010 - 2045**

<b>Sex/ Age group</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
<b>Both Sexes</b>	<b>11,890,800</b>	<b>12,651,700</b>	<b>13,280,900</b>	<b>13,755,200</b>	<b>14,113,400</b>	<b>14,365,600</b>	<b>14,507,900</b>	<b>14,508,300</b>
0-4	1,172,000	1,339,600	1,230,700	1,096,800	1,000,300	926,100	858,600	772,300
5-9	1,149,400	1,108,300	1,281,100	1,179,900	1,055,900	966,900	897,200	832,200
10-14	1,124,700	1,102,300	1,066,100	1,242,000	1,144,800	1,025,600	939,400	870,900
15-19	1,163,400	1,121,600	1,094,000	1,053,400	1,225,600	1,125,600	1,003,300	914,500
20-24	1,212,000	1,166,300	1,118,200	1,084,400	1,038,500	1,206,100	1,102,400	976,600
25-29	1,169,900	1,174,600	1,132,700	1,087,200	1,054,900	1,009,700	1,176,600	1,072,200
30-34	1,032,100	1,110,300	1,120,200	1,084,700	1,045,400	1,017,800	975,800	1,143,400
35-39	862,000	978,700	1,059,600	1,074,600	1,045,200	1,011,100	987,200	947,600
40-44	759,500	822,500	940,700	1,024,300	1,043,300	1,018,200	987,400	965,600
45-49	639,200	725,500	790,000	909,500	995,200	1,017,600	995,800	967,200
50-54	532,000	606,000	692,700	759,000	879,600	967,400	992,800	974,000
55-59	389,700	496,100	569,600	656,300	724,100	845,100	934,700	963,000
60-64	282,000	354,600	456,500	529,000	615,000	683,300	803,400	893,800
65-69	156,200	247,600	315,000	410,800	481,000	564,500	632,400	749,200
70-74	114,400	129,000	208,500	268,900	355,500	421,100	499,500	564,600
75-79	69,500	88,100	100,800	166,100	217,600	292,100	350,700	421,000
80+	62,800	80,600	104,500	128,300	191,500	267,400	370,700	480,200
<b>Male</b>	<b>5,835,800</b>	<b>6,217,700</b>	<b>6,535,400</b>	<b>6,777,000</b>	<b>6,961,900</b>	<b>7,097,800</b>	<b>7,184,000</b>	<b>7,204,800</b>
0-4	599,600	688,200	632,300	563,600	514,000	475,900	441,200	396,800
5-9	595,500	566,600	657,700	605,700	542,100	496,500	460,700	427,400
10-14	576,100	570,300	543,900	636,600	586,800	525,900	482,000	447,000
15-19	563,400	566,900	560,500	533,500	625,300	575,000	513,500	468,900
20-24	580,800	564,700	566,500	558,200	529,700	619,900	568,800	506,400
25-29	566,800	566,700	552,900	556,400	549,500	522,400	613,200	562,800
30-34	512,800	538,700	541,700	531,600	538,500	534,500	509,800	601,600
35-39	428,800	484,200	512,100	518,400	511,900	521,800	520,200	497,300
40-44	372,500	406,400	462,800	492,700	501,600	497,800	509,700	509,600
45-49	309,700	352,900	387,700	445,000	476,400	487,600	486,000	499,300
50-54	255,800	290,400	333,800	369,600	427,500	460,400	473,600	473,900
55-59	185,100	234,500	268,600	311,700	348,100	406,100	440,300	455,400
60-64	130,500	164,500	210,900	244,100	286,300	322,500	379,600	414,400
65-69	67,400	111,000	141,700	184,200	215,800	255,900	291,300	346,000
70-74	45,500	53,100	89,500	116,000	153,100	181,800	218,500	251,600
75-79	25,500	32,700	38,900	67,100	88,500	118,900	143,300	174,800
80+	20,000	25,900	33,900	42,600	66,800	94,900	132,300	171,600
<b>Female</b>	<b>6,055,000</b>	<b>6,434,000</b>	<b>6,745,500</b>	<b>6,978,200</b>	<b>7,151,500</b>	<b>7,267,800</b>	<b>7,323,900</b>	<b>7,303,500</b>
0-4	572,400	651,400	598,400	533,200	486,300	450,200	417,400	375,500
5-9	553,900	541,700	623,400	574,200	513,800	470,400	436,500	404,800
10-14	548,600	532,000	522,200	605,400	558,000	499,700	457,400	423,900
15-19	600,000	554,700	533,500	519,900	600,300	550,600	489,800	445,600
20-24	631,200	601,600	551,700	526,200	508,800	586,200	533,600	470,200
25-29	603,100	607,900	579,800	530,800	505,400	487,300	563,400	509,400
30-34	519,300	571,600	578,500	553,100	506,900	483,300	466,000	541,800
35-39	433,200	494,500	547,500	556,200	533,300	489,300	467,000	450,300
40-44	387,000	416,100	477,900	531,600	541,700	520,400	477,700	456,000
45-49	329,500	372,600	402,300	464,500	518,800	530,000	509,800	467,900
50-54	276,200	315,600	358,900	389,400	452,100	507,000	519,200	500,100
55-59	204,600	261,600	301,000	344,600	376,000	439,000	494,400	507,600
60-64	151,500	190,100	245,600	284,900	328,700	360,800	423,800	479,400
65-69	88,800	136,600	173,300	226,600	265,200	308,600	341,100	403,200
70-74	68,900	75,900	119,000	152,900	202,400	239,300	281,000	313,000
75-79	44,000	55,400	61,900	99,000	129,100	173,200	207,400	246,200
80+	42,800	54,700	70,600	85,700	124,700	172,500	238,400	308,600

Source: Philippine Statistics Authority

Table 1.14d

**PROJECTED POPULATION BASED ON 2015 POPCEN BY SEX, AND BY FIVE- YEAR AGE GROUP, NCR: 2015 - 2025**

<b>Sex/ Age group</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Both Sexes</b>	<b>12,859,211</b>	<b>13,066,832</b>	<b>13,264,805</b>	<b>13,453,701</b>	<b>13,633,497</b>	<b>13,804,656</b>	<b>13,966,223</b>	<b>14,118,673</b>	<b>14,262,006</b>	<b>14,396,579</b>	<b>14,521,657</b>
0-4	1,198,759	1,201,229	1,202,324	1,202,085	1,200,545	1,197,730	1,193,687	1,188,444	1,182,035	1,174,471	1,165,827
5-9	1,162,085	1,175,471	1,187,814	1,199,163	1,209,531	1,218,955	1,227,397	1,234,894	1,241,461	1,247,125	1,251,864
10-14	1,133,995	1,155,495	1,176,201	1,196,166	1,215,387	1,233,908	1,251,623	1,268,580	1,284,774	1,300,241	1,314,895
15-19	1,252,045	1,245,415	1,237,085	1,227,097	1,215,506	1,202,331	1,187,703	1,171,644	1,154,212	1,135,411	1,115,399
20-24	1,347,121	1,335,126	1,321,214	1,305,418	1,287,802	1,268,376	1,247,311	1,224,621	1,200,372	1,174,557	1,147,385
25-29	1,263,340	1,258,687	1,252,448	1,244,653	1,235,348	1,224,544	1,212,344	1,198,765	1,183,855	1,167,611	1,150,171
30-34	1,103,082	1,111,703	1,119,314	1,125,951	1,131,625	1,136,362	1,140,147	1,143,007	1,144,954	1,146,004	1,146,165
35-39	962,529	981,828	1,000,552	1,018,749	1,036,413	1,053,583	1,070,158	1,086,178	1,101,637	1,116,568	1,130,883
40-44	816,649	843,529	870,170	896,624	922,862	948,934	974,669	1,000,117	1,025,251	1,050,116	1,074,552
45-49	711,256	736,367	761,302	786,101	810,736	835,250	859,481	883,470	907,192	930,684	953,790
50-54	590,609	611,970	633,188	654,302	675,283	696,166	716,813	737,255	757,470	777,488	797,175
55-59	467,744	489,951	512,189	534,490	556,821	579,215	601,518	623,762	645,917	668,013	689,899
60-64	344,675	365,377	386,228	407,252	428,419	449,756	471,115	492,522	513,946	535,414	556,780
65-69	222,920	242,840	263,035	283,526	304,280	325,322	346,503	367,849	389,325	410,958	432,599
70-74	122,786	137,843	153,160	168,752	184,591	200,695	216,949	233,370	249,932	266,656	283,424
75-79	83,581	92,230	101,012	109,935	118,985	128,172	137,429	146,767	156,171	165,655	175,148
80+	76,035	81,771	87,569	93,437	99,363	105,357	111,376	117,428	123,502	129,607	135,701
<b>Male</b>	<b>6,359,434</b>	<b>6,460,174</b>	<b>6,556,076</b>	<b>6,647,423</b>	<b>6,734,208</b>	<b>6,816,661</b>	<b>6,894,323</b>	<b>6,967,431</b>	<b>7,035,989</b>	<b>7,100,172</b>	<b>7,159,634</b>
0-4	621,308	622,123	622,213	621,597	620,295	618,319	615,697	612,443	608,575	604,099	599,057
5-9	600,058	606,633	612,660	618,163	623,150	627,639	631,613	635,091	638,081	640,596	642,628
10-14	582,216	593,157	603,687	613,833	623,594	632,992	641,973	650,562	658,755	666,572	673,968
15-19	617,350	615,442	612,730	609,236	604,984	599,985	594,293	587,920	580,892	573,213	564,949
20-24	660,247	656,936	652,752	647,714	641,848	635,162	627,719	619,528	610,618	600,987	590,717
25-29	625,695	625,135	623,831	621,800	619,063	615,626	611,527	606,776	601,394	595,382	588,794
30-34	555,055	558,106	560,610	562,584	564,036	564,978	565,413	565,354	564,809	563,785	562,297
35-39	479,923	487,966	495,679	503,084	510,182	516,991	523,472	529,644	535,508	541,077	546,321
40-44	407,850	419,546	431,077	442,469	453,710	464,824	475,739	486,479	497,034	507,424	517,584
45-49	347,196	359,586	371,895	384,143	396,316	408,436	420,422	432,296	444,045	455,687	467,146
50-54	281,973	292,876	303,730	314,554	325,334	336,086	346,740	357,311	367,787	378,185	388,434
55-59	220,555	231,265	241,996	252,764	263,552	274,376	285,163	295,927	306,654	317,358	327,967
60-64	157,987	167,659	177,404	187,233	197,131	207,113	217,107	227,127	237,158	247,213	257,223
65-69	98,563	107,636	116,837	126,177	135,639	145,236	154,898	164,639	174,442	184,319	194,202
70-74	49,621	56,414	63,331	70,380	77,546	84,839	92,206	99,654	107,172	114,769	122,391
75-79	30,648	34,415	38,247	42,147	46,109	50,137	54,202	58,308	62,448	66,629	70,819
80+	23,189	25,279	27,397	29,545	31,719	33,922	36,139	38,372	40,617	42,877	45,137

Source: Philippine Statistics Authority

Table 1.14d - concluded

<b>Sex/ Age group</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Female</b>	<b>6,499,777</b>	<b>6,606,658</b>	<b>6,708,729</b>	<b>6,806,278</b>	<b>6,899,289</b>	<b>6,987,995</b>	<b>7,071,900</b>	<b>7,151,242</b>	<b>7,226,017</b>	<b>7,296,407</b>	<b>7,362,023</b>
0-4	577,451	579,106	580,111	580,488	580,250	579,411	577,990	576,001	573,460	570,372	566,770
5-9	562,027	568,838	575,154	581,000	586,381	591,316	595,784	599,803	603,380	606,529	609,236
10-14	551,779	562,338	572,514	582,333	591,793	600,916	609,650	618,018	626,019	633,669	640,927
15-19	634,695	629,973	624,355	617,861	610,522	602,346	593,410	583,724	573,320	562,198	550,450
20-24	686,874	678,190	668,462	657,704	645,954	633,214	619,592	605,093	589,754	573,570	556,668
25-29	637,645	633,552	628,617	622,853	616,285	608,918	600,817	591,989	582,461	572,229	561,377
30-34	548,027	553,597	558,704	563,367	567,589	571,384	574,734	577,653	580,145	582,219	583,868
35-39	482,606	493,862	504,873	515,665	526,231	536,592	546,686	556,534	566,129	575,491	584,562
40-44	408,799	423,983	439,093	454,155	469,152	484,110	498,930	513,638	528,217	542,692	556,968
45-49	364,060	376,781	389,407	401,958	414,420	426,814	439,059	451,174	463,147	474,997	486,644
50-54	308,636	319,094	329,458	339,748	349,949	360,080	370,073	379,944	389,683	399,303	408,741
55-59	247,189	258,686	270,193	281,726	293,269	304,839	316,355	327,835	339,263	350,655	361,932
60-64	186,688	197,718	208,824	220,019	231,288	242,643	254,008	265,395	276,788	288,201	299,557
65-69	124,357	135,204	146,198	157,349	168,641	180,086	191,605	203,210	214,883	226,639	238,397
70-74	73,165	81,429	89,829	98,372	107,045	115,856	124,743	133,716	142,760	151,887	161,033
75-79	52,933	57,815	62,765	67,788	72,876	78,035	83,227	88,459	93,723	99,026	104,329
80+	52,846	56,492	60,172	63,892	67,644	71,435	75,237	79,056	82,885	86,730	90,564

Table 1.15

**HUMAN DEVELOPMENT INDEX, PHL AND NCR: 1997, 2000, 2003, 2006, 2009 AND 2012**

Human Development Indices	1997	2000	2003	2006	2009	2012
<b>PHL</b>						
Human Development Index	0.6	0.6	0.6	0.6	0.6	0.6
Life Expectancy Index	0.7	0.8	0.8	0.8	0.8	0.8
Education Index	0.8	0.8	0.8	0.8	0.9	0.9
Income Index	0.4	0.4	0.4	0.3	0.4	0.4
Life expectancy at birth (years) <sup>/1</sup>	65.5	67.7	69.1	70.6	72.0	73.4
Mean Years of Schooling <sup>/2</sup>	8.3	8.0	8.3	7.3	8.7	9.2
Expected Years of Schooling <sup>/2</sup>	12.1	12.1	12.4	12.1	12.0	12.2
Real per capita income <sup>/3</sup>	48,209	47,463	45,637	44,491	46,135	49,903
<b>NCR</b>						
Human Development Index	0.8	0.8	0.8	0.8	0.8	0.8
Life Expectancy Index	0.8	0.8	0.8	0.8	0.8	0.8
Education Index	1.0	1.0	1.0	1.0	1.0	1.0
Income Index	0.8	0.8	0.6	0.6	0.7	0.7
Life expectancy at birth (years) <sup>/1</sup>	68.8	69.8	70.8	71.8	72.8	73.8
Mean Years of Schooling <sup>/2</sup>	10.2	10.3	10.3	10.4	10.7	11.0
Expected Years of Schooling <sup>/2</sup>	13.2	13.0	13.2	12.9	12.9	12.6
Real per capita income <sup>/3</sup>	88,967	86,724	73,453	70,355	73,738	79,488

Source: *Philippine Statistics Authority*

Notes: <sup>/1</sup> Linear projection based on 1995 and 2000 life tables by Flieger and Cabigon;

<sup>/2</sup> 1999 Annual Poverty Indicator Survey;

<sup>/3</sup> 2000 Family Income and Expenditure Survey.





## Chapter 2 Income and Prices

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Data on the levels and patterns of family income and expenditure, poverty incidence and threshold and price indices are vital indicators of the socioeconomic status of the people. Specifically, these data provide a picture of the standard of living, the varying degrees of inequality, the purchasing capacity, and the demand for the goods and services of families. The data are essential in the conceptualization and assessment of poverty alleviation programs of government, private and non-government organizations. The trends, patterns and signals shown by the data have been giving wide and serious attention due to the far-reaching ramifications on policies and programs aimed at people empowerment. The usage of the data has accordingly permeated all echelons of the government bureaucracy, private businesses and even ordinary citizens themselves. With the support provided by the data, interventions can be implemented to help the citizenry respond to situations brought about by the increased prices and incidence of poverty and low-income capacity, among others.

This chapter presents data for the region and by city/municipality pertaining to family income, expenditures and consumer price indices. Several indicators derived from these basic data such as poverty incidence and threshold, inflation rate and purchasing power of peso are presented in this chapter. The income, expenditures, price data and poverty statistics are generated from the results of the Family Income and Expenditures Survey (FIES) and price surveys of the Philippine Statistics Authority.

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Table 2.1

**NUMBER OF FAMILIES, TOTAL AND AVERAGE INCOME AND EXPENDITURE AT CURRENT PRICES BY YEAR, NCR: 2009, 2012 AND 2015**

Year	Number of Families (in thousand)	Income		Expenditure	
		Total (in million Pesos)	Average (in thousand Pesos)	Total (in million Pesos)	Average (in thousand Pesos)
<b>2009</b>	2,461	877	309	760	308
<b>2012</b>	2,917	1,106	379	948	325
<b>2015</b>	3,019	1,283	425	1,053	349

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.2

**TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURE BY YEAR, AND BY INCOME CLASS, NCR: 2009, 2012 AND 2015**

Year/ Income Class	Income		Expenditure	
	Total (in million Pesos)	Average (in thousand Pesos)	Total (in million)	Average (in thousand Pesos)
<b>2009</b>	<b>876,564</b>	<b>356</b>	<b>760,363</b>	<b>309</b>
Under 40,000	118	32	125	34
40,000 - 59,999	951	51	988	53
60,000 - 99,999	8,536	84	8,706	86
100,000 - 249,999	193,705	176	184,131	168
250,000 and over	673,254	544	566,413	457
<b>2012</b>	<b>1,106,169</b>	<b>379</b>	<b>947,599</b>	<b>325</b>
Under 40,000	282	31	372	41
40,000 - 59,999	1,087	51	1,304	61
60,000 - 99,999	8,989	82	9,701	89
100,000 - 249,999	204,401	176	199,622	172
250,000 and over	891,411	551	736,600	455
<b>2015</b>	<b>1,282,823</b>	<b>425</b>	<b>1,053,215</b>	<b>349</b>
Under 40,000	68	38	78	43
40,000 - 59,999	682	51	714	53
60,000 - 99,999	5,656	85	5,903	89
100,000 - 249,999	185,567	183	176,975	174
250,000 and over	1,090,851	568	869,545	453

Source: Philippine Statistics Authority

Note: /1 Income class 40,000 - 59,999 is lump with 60,000 - 99,999 and 100,000 - 249,999

Table 2.3

**TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURE BY YEAR, AND BY FAMILY SIZE, NCR: 2009, 2012 AND 2015**

Year/ Income Class	Income		Expenditure	
	Total (in million Pesos)	Average (in thousand Pesos)	Total (in million Pesos)	Average (in thousand Pesos)
<b>2009</b>	<b>876,564</b>	<b>356</b>	<b>760,363</b>	<b>309</b>
One person	28,586	224	24,859	195
Two persons	59,410	267	50,537	227
Three persons	123,113	315	105,078	269
Four persons	176,313	362	154,172	317
Five persons	178,978	384	155,122	333
Six persons	128,113	389	111,250	338
Seven persons and over	182,051	417	159,346	365
<b>2012</b>	<b>1,106,169</b>	<b>379</b>	<b>947,599</b>	<b>325</b>
One person	31,103	215	26,535	183
Two persons	77,673	263	64,399	218
Three persons	149,192	327	127,026	278
Four persons	219,961	385	193,286	338
Five persons	211,722	403	182,986	349
Six persons	160,998	405	137,952	347
Seven persons and over	255,521	486	215,415	409
<b>2015</b>	<b>1,282,823</b>	<b>425</b>	<b>1,053,215</b>	<b>349</b>
One person	37,760	266	29,678	209
Two persons	107,077	341	85,410	272
Three persons	162,454	340	133,039	278
Four persons	261,266	416	212,952	339
Five persons	240,379	436	207,579	376
Six persons	184,584	496	151,206	407
Seven persons and over	289,304	543	233,351	438

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.4

**NUMBER OF FAMILIES AND FAMILY RECEIPTS BY YEAR, BY SOURCE OF RECEIPT AND BY INCOME CLASS, NCR: 2009, 2012 AND 2015**

(Families in thousand, and Receipts in million Pesos)

Year/ Source of Receipt	Number of Families Reporting	Total Receipts	Under 40,000		40,000 - 59,999		60,000 - 99,999		100,000 - 249,999		250,000 and over	
			Families Reporting	Receipts	Families Reporting	Receipts	Families Reporting	Receipts	Families Reporting	Receipts	Families Reporting	Receipts
<b>2009</b>												
<b>Total</b>	<b>2,461</b>	<b>932,630</b>	<b>4</b>	<b>127</b>	<b>19</b>	<b>971</b>	<b>101</b>	<b>9,006</b>	<b>1,099</b>	<b>201,730</b>	<b>1,239</b>	<b>720,796</b>
Wages and salaries	2,051	454,591	1	24	9	262	70	3,549	919	109,658	1,052	341,099
Entrepreneurial activities	1,040	128,719	1	15	8	126	42	1,501	451	29,470	539	97,607
Other sources of income	2,422	293,253	4	79	19	563	100	3,486	1,081	54,577	1,218	234,548
Other receipts	1,372	56,067	1	9	4	20	42	470	499	8,025	826	47,542
<b>2012</b>												
<b>Total</b>	<b>2,917</b>	<b>1,183,952</b>	<b>9</b>	<b>284</b>	<b>21</b>	<b>1217</b>	<b>109</b>	<b>9,569</b>	<b>1,160</b>	<b>213,505</b>	<b>1,617</b>	<b>959,377</b>
Wages and salaries	2,459	610,591	5	84	9	174	68	3,483	987	121,701	1,391	485,148
Entrepreneurial activities	1,230	163,253	3	36	8	213	49	1,845	451	28,503	718	132,656
Other sources of income	2,839	332,326	9	162	21	700	106	3,661	1,125	54,197	1,578	273,606
Other receipts	1,679	77,782	3	2	8	130	54	580	570	9,104	1044	67,966
<b>2015</b>												
<b>Total</b>	<b>3,019</b>	<b>1,351,358</b>	<b>2</b>	<b>74</b>	<b>13</b>	<b>737</b>	<b>66</b>	<b>5,908</b>	<b>1,017</b>	<b>191,377</b>	<b>1,920</b>	<b>1,153,262</b>
Wages and salaries	2,619	718,559	1	15	5	151	47	2,148	857	112,025	1,709	604,220
Entrepreneurial activities	1,224	194,123	0	0	3	77	24	812	350	24,233	847	169,002
Other sources of income	2,940	370,141	2	54	13	454	66	2,696	983	49,308	1,876	317,629
Other receipts	1,343	68,535	1	6	2	56	22	252	378	5,810	939	62,411

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.5a

**NUMBER OF FAMILIES BY YEAR, BY SOURCE OF RECEIPT, AND BY FAMILY SIZE, NCR: 2009, 2012 AND 2015**

(in thousand)

<b>Year/ Source of Receipt</b>	<b>Number of Families Reporting</b>	<b>One Member</b>	<b>Two Member</b>	<b>Three Member</b>	<b>Four Member</b>	<b>Five Member</b>	<b>Six Member</b>	<b>Seven Member</b>	<b>Eight Member</b>	<b>Nine Member</b>	<b>Ten Member</b>
<b>2009</b>											
<b>Total</b>	<b>2,461</b>	<b>127</b>	<b>222</b>	<b>391</b>	<b>487</b>	<b>466</b>	<b>330</b>	<b>192</b>	<b>113</b>	<b>62</b>	<b>71</b>
Wages and salaries	2,051	69	146	310	407	422	294	171	106	59	68
Entrepreneurial activities	1,040	32	87	144	202	198	157	96	54	29	40
Other sources of income	2,422	125	216	381	476	463	327	190	113	62	71
Other receipts	1,372	48	98	217	281	281	194	113	70	36	35
<b>2012</b>											
<b>Total</b>	<b>2,917</b>	<b>145</b>	<b>295</b>	<b>457</b>	<b>572</b>	<b>525</b>	<b>398</b>	<b>225</b>	<b>127</b>	<b>82</b>	<b>93</b>
Wages and salaries	2,459	80	195	375	490	465	360	203	121	79	89
Entrepreneurial activities	1,230	30	103	167	238	227	192	113	69	39	52
Other sources of income	2,839	128	279	441	565	514	391	223	124	81	92
Other receipts	1,679	51	144	245	340	344	248	135	76	45	51
<b>2015</b>											
<b>Total</b>	<b>3,019</b>	<b>142</b>	<b>314</b>	<b>478</b>	<b>628</b>	<b>552</b>	<b>372</b>	<b>233</b>	<b>126</b>	<b>77</b>	<b>96</b>
Wages and salaries	2,619	80	219	395	565	504	347	218	122	77	93
Entrepreneurial activities	1,224	34	123	177	245	224	161	110	60	43	46
Other sources of income	2,940	135	301	456	617	545	365	226	123	77	96
Other receipts	1,343	43	96	200	276	267	194	117	59	45	46

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.5b

**FAMILY RECEIPTS BY YEAR, BY SOURCE OF RECEIPT, AND BY FAMILY SIZE, NCR: 2009, 2012 AND 2015**

(in million Pesos)

<b>Year/ Source of Receipt</b>	<b>Total Receipts (in million)</b>	<b>One Member</b>	<b>Two Member</b>	<b>Three Member</b>	<b>Four Member</b>	<b>Five Member</b>	<b>Six Member</b>	<b>Seven Member</b>	<b>Eight Member</b>	<b>Nine Member</b>	<b>Ten Member</b>
<b>2009</b>											
<b>Total</b>	<b>932,630</b>	<b>29,881</b>	<b>63,539</b>	<b>130,177</b>	<b>189,514</b>	<b>191,868</b>	<b>136,367</b>	<b>84,225</b>	<b>49,201</b>	<b>23,802</b>	<b>34,056</b>
Wages and salaries	454,591	9,898	22,309	59,325	88,919	96,997	72,347	44,068	27,120	12,893	20,715
Entrepreneurial activities	128,719	3,234	9,507	16,379	26,136	27,692	17,919	12,504	7,637	3,313	4,397
Other sources of income	293,253	15,453	27,594	47,409	61,259	54,290	37,847	23,055	12,047	6,472	7,829
Other receipts	56,067	1,296	4,129	7,064	13,201	12,890	8,254	4,598	2,397	1,124	1,115
<b>2012</b>											
<b>Total</b>	<b>1,183,952</b>	<b>32,783</b>	<b>82,109</b>	<b>159,743</b>	<b>241,015</b>	<b>227,785</b>	<b>171,035</b>	<b>108,934</b>	<b>63,023</b>	<b>46,560</b>	<b>50,965</b>
Wages and salaries	610,591	12,138	35,635	77,053	118,909	118,186	92,648	58,050	35,546	29,805	32,620
Entrepreneurial activities	163,253	2,523	10,502	20,819	30,110	36,050	27,172	16,841	8,419	3,938	6,879
Other sources of income	332,326	16,442	31,536	51,319	70,942	57,486	41,177	28,128	16,313	9,260	9,723
Other receipts	77,782	1,680	4,435	10,551	21,054	16,063	10,037	5,915	2,745	3,558	1,743
<b>2015</b>											
<b>Total</b>	<b>1,351,358</b>	<b>39,289</b>	<b>110,826</b>	<b>167,930</b>	<b>286,097</b>	<b>254,511</b>	<b>192,761</b>	<b>124,424</b>	<b>74,747</b>	<b>45,328</b>	<b>55,444</b>
Wages and salaries	718,559	12,440	44,905	89,062	145,498	137,255	108,149	70,453	48,113	29,667	33,019
Entrepreneurial activities	194,123	5,663	16,427	23,609	43,860	33,460	28,679	20,720	8,491	5,282	7,931
Other sources of income	370,141	19,657	45,745	49,782	71,908	69,664	47,756	29,034	14,685	9,020	12,890
Other receipts	68,535	1,530	3,749	5,476	24,831	14,133	8,176	4,218	3,458	1,359	1,604

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.6a

**NUMBER OF FAMILIES BY YEAR, BY SOURCE OF RECEIPT, AND BY INCOME DECILE, NCR: 2009,2012 AND 2015**

(in thousand)

<b>Year/ Source of Receipt</b>	<b>Number of Families Reporting</b>	<b>First Decile</b>	<b>Second Decile</b>	<b>Third Decile</b>	<b>Fourth Decile</b>	<b>Fifth Decile</b>	<b>Sixth Decile</b>	<b>Seventh Decile</b>	<b>Eight Decile</b>	<b>Ninth Decile</b>	<b>Tenth Decile</b>
<b>2009</b>											
<b>Total</b>	<b>2,461</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>	<b>246</b>
Wages and salaries	2,051	177	199	212	211	208	212	209	201	211	212
Entrepreneurial activities	1,040	93	85	97	119	110	103	103	109	111	109
Other sources of income	2,422	244	242	243	243	240	243	240	241	244	243
Other receipts	1,372	93	109	105	118	125	131	148	169	178	196
<b>2012</b>											
<b>Total</b>	<b>2,917</b>	<b>292</b>	<b>291</b>	<b>292</b>	<b>292</b>	<b>292</b>	<b>292</b>	<b>291</b>	<b>292</b>	<b>292</b>	<b>292</b>
Wages and salaries	2,459	253	259	250	262	251	244	239	241	239	221
Entrepreneurial activities	1,230	128	122	134	123	139	132	129	120	107	97
Other sources of income	2,839	290	286	287	287	281	283	283	281	279	282
Other receipts	1,679	175	155	127	139	144	171	170	189	196	213
<b>2015</b>											
<b>Total</b>	<b>3,019</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>301</b>	<b>302</b>
Wages and salaries	2,619	275	274	273	269	260	262	259	253	247	248
Entrepreneurial activities	1,224	106	120	119	123	139	122	132	129	111	123
Other sources of income	2,940	299	294	291	298	296	293	291	293	290	296
Other receipts	1,343	148	127	128	114	103	124	126	138	150	183

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.6b

**FAMILY RECEIPTS BY YEAR, BY SOURCE OF RECEIPT, AND BY INCOME DECILE, NCR: 2009,2012 AND 2015**

(in million Pesos)

<b>Year/ Source of Receipt</b>	<b>Total Receipts</b>	<b>First Decile</b>	<b>Second Decile</b>	<b>Third Decile</b>	<b>Fourth Decile</b>	<b>Fifth Decile</b>	<b>Sixth Decile</b>	<b>Seventh Decile</b>	<b>Eight Decile</b>	<b>Ninth Decile</b>	<b>Tenth Decile</b>
<b>2009</b>											
<b>Total</b>	<b>932,630</b>	<b>24,485</b>	<b>35,793</b>	<b>42,924</b>	<b>50,912</b>	<b>59,789</b>	<b>70,462</b>	<b>85,814</b>	<b>107,932</b>	<b>145,640</b>	<b>308,879</b>
Wages and salaries	454,591	11,262	19,810	24,797	27,692	31,190	39,437	44,466	52,791	71,968	131,179
Entrepreneurial activities	128,719	3,880	4,844	5,807	8,322	8,477	9,007	10,210	12,952	18,216	47,003
Other sources of income	293,253	8,348	9,509	10,772	13,024	17,571	19,198	27,379	36,128	46,506	104,820
Other receipts	56,067	996	1,630	1,548	1,874	2,552	2,820	3,759	6,061	8,950	25,877
<b>2012</b>											
<b>Total</b>	<b>1,183,952</b>	<b>45,032</b>	<b>54,952</b>	<b>65,709</b>	<b>77,151</b>	<b>86,744</b>	<b>102,643</b>	<b>111,746</b>	<b>144,717</b>	<b>174,969</b>	<b>320,288</b>
Wages and salaries	610,591	26,755	33,158	38,753	46,008	49,752	57,632	61,224	74,133	84,812	138,364
Entrepreneurial activities	163,253	6,262	7,838	9,801	10,510	13,889	13,530	14,988	18,588	22,055	45,794
Other sources of income	332,326	9,792	11,526	14,471	18,073	19,822	25,804	30,254	43,468	53,909	105,207
Other receipts	77,782	2,224	2,430	2,684	2,561	3,282	5,677	5,280	8,528	14,192	30,923
<b>2015</b>											
<b>Total</b>	<b>1,351,358</b>	<b>54,652</b>	<b>69,161</b>	<b>80,498</b>	<b>87,310</b>	<b>102,150</b>	<b>112,962</b>	<b>127,803</b>	<b>154,617</b>	<b>190,211</b>	<b>371,993</b>
Wages and salaries	718,559	33,363	42,971	51,880	53,227	61,652	66,787	72,110	80,694	100,184	155,692
Entrepreneurial activities	194,123	6,747	8,906	9,401	11,072	13,607	15,542	17,669	23,305	22,723	65,150
Other sources of income	370,141	12,374	15,349	17,121	20,697	24,434	26,989	34,355	42,992	58,535	117,297
Other receipts	68,535	2,169	1,935	2,097	2,314	2,458	3,644	3,668	7,626	8,769	33,855

Table 2.7a

**PERCENT DISTRIBUTION OF FAMILY EXPENDITURE BY EXPENDITURE GROUP, AND BY INCOME CLASS, NCR: 2009**

Expenditure Group	All Income Classes	Income Class				
		Under 40,000	40,000- 59,999	60,000- 99,999	100,000- 249,999	250,000- &Over
<b>Total Family Expenditures (in millions)</b>	<b>760,363</b>	<b>125</b>	<b>988</b>	<b>8,706</b>	<b>184,131</b>	<b>566,413</b>
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Food	36.2	51.7	53.1	51.3	47.7	32.1
Food Consumed at Home	27.5	49.4	48.7	45.4	38.7	23.6
Cereals and Cereal Preparations	6.5	8.8	11.1	12.5	10.1	5.2
Roots and Tubers	0.4	0.2	0.3	0.6	0.5	0.3
Fruits and Vegetables	3.0	3.5	4.2	4.8	4.1	2.6
Meat and Meat Preparations	5.6	2.7	4.4	5.9	7.0	5.2
Dairy Products and Eggs	2.9	2.3	2.0	3.2	3.4	2.7
Fish and Marine Products	3.4	3.2	6.1	5.5	5.0	2.9
Coffee, Cocoa and Tea	0.8	1.7	1.6	1.6	1.2	0.6
Non-alcoholic Beverages	1.4	1.3	0.9	1.4	1.7	1.3
Food N.E.C.	3.5	25.8	18.2	9.9	5.7	2.7
Food Regularly Consumed Outside the Home	8.6	2.3	4.4	5.8	9.0	8.6
Alcoholic Beverages	0.5	1.7	0.4	0.9	0.8	0.4
Tobacco	0.5	1.1	0.9	1.2	0.9	0.4
Fuel, Light and Water	8.0	8.8	9.6	9.9	9.0	7.7
Transportation and Communication	9.0	1.8	3.3	3.7	6.7	9.8
Household Operations	2.7	1.0	1.2	1.8	1.4	3.1
Personal Care and Effects	3.6	3.5	3.5	4.6	4.3	3.4
Clothing, Footwear and Other Wear	2.1	1.1	1.5	2.0	2.1	2.1
Education	4.2	-	0.0	0.4	1.7	5.1
Recreation	0.5	-	0.1	0.2	0.3	0.6
Medical care	1.9	0.4	1.4	1.7	1.5	2.0
Non-durable Furnishings	0.2	0.0	0.1	0.1	0.1	0.2
Durable Furniture and Equipment	2.2	0.4	0.2	0.3	1.5	2.5
Taxes	3.8	-	0.0	0.1	0.9	4.8
House Rental Value	18.5	27.7	23.4	19.1	16.3	19.3
House Maintenance and Repairs	0.3	-	0.0	0.3	0.2	0.3
Special Family Occasion	1.7	0.4	0.6	1.1	1.4	1.9
Gifts and Contributions	1.8	0.3	0.3	1.3	1.7	1.9
Other expenditures	2.3	0.2	0.4	0.3	1.4	2.6

Source: Philippine Statistics Authority

Notes: Details may not add up to total due to rounding.

0.0 means value lower than 0.05

-' means 0 entry

Table 2.7b

**PERCENT DISTRIBUTION OF FAMILY EXPENDITURE BY EXPENDITURE GROUP, AND BY INCOME CLASS, NCR: 2012**

Expenditure Group	All Income Classes	Income Class				
		Under 40,000	40,000-59,999	60,000-99,999	100,000-249,999	250,000- & Over
<b>Total Family Expenditures</b> (in millions)	<b>947,599</b>	<b>372</b>	<b>1,304</b>	<b>9,701</b>	<b>199,622</b>	<b>736,600</b>
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Food Expenditures	36.5	50.9	50.5	50.0	48.1	33.2
Food Consumed at Home	26.1	27.9	34.6	38.4	36.5	23.1
Bread and Cereals	7.0	12.2	12.7	13.3	11.1	5.8
Meat	5.4	0.9	3.5	4.9	6.6	5.0
Fish and Sea Foods	3.6	4.2	4.6	5.5	5.2	3.2
Milk, Cheese and Eggs	2.6	1.8	1.8	2.9	3.1	2.5
Oils and Fats	0.6	0.6	0.7	0.8	0.8	0.5
Fruits	1.1	1.3	1.7	1.3	1.3	1.0
Vegetables	1.7	1.7	3.0	3.1	2.6	1.5
Sugar, Jam , Honey, Chocolate and Confectionary	0.7	0.7	1.2	1.1	0.9	0.6
Food Not Elsewhere Classified	0.8	1.0	1.0	1.3	1.2	0.7
Coffee Cocoa and Tea	1.2	2.8	2.7	2.4	2.0	1.0
Mineral Water, Softdrinks, Fruits and Vegetable Juices	1.4	0.7	1.7	1.6	1.8	1.3
Food Regularly Consumed Outside The Home	10.5	23.0	15.8	11.6	11.5	10.1
Alcoholic Beverages	0.5	0.6	0.6	0.6	0.8	0.4
Tobacco	0.6	0.5	1.2	0.8	1.0	0.5
Other Vegetables-Based Products	-	-	-	-	-	-
Clothing and Footwear	2.1	1.1	1.4	1.6	1.9	2.2
Furnishings, Household Equipment and Routine Household	2.9	2.5	1.8	2.1	1.8	3.2
Health	2.8	3.4	1.1	2.7	2.0	3.1
Housing, Water, Electricity, Gas and Other Fuels	26.5	30.5	34.6	30.3	26.4	26.5
Transportation	7.5	0.5	2.3	3.7	5.9	8.0
Communication	3.2	0.1	1.3	1.2	2.1	3.6
Recreation and Culture	1.4	0.0	0.4	0.6	0.8	1.6
Education	3.8	0.1	0.2	0.6	1.4	4.5
Accomodation Services	0.0	-	-	0.1	0.0	0.0
Miscellaneous Goods and Services	6.4	2.2	4.1	4.7	5.8	6.6
Other Expenditure	5.6	7.4	0.5	1.2	2.0	6.6

Source: Philippine Statistics Authority

Notes: Details may not add up to total due to rounding.

0.0 means value lower than 0.05

'-' means 0 entry

Table 2.7c

**PERCENT DISTRIBUTION OF FAMILY EXPENDITURE BY EXPENDITURE GROUP, AND BY INCOME CLASS, NCR: 2015**

Expenditure Group	All Income Classes	Income Class				
		Under 40,000	40,000-59,999	60,000-99,999	100,000-249,999	250,000- & Over
<b>Total Family Expenditures</b> (in millions)	<b>1,053,215</b>	<b>78</b>	<b>714</b>	<b>5,903</b>	<b>176,975</b>	<b>869,545</b>
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Food Expenditures	36.3	58.5	46.2	48.7	47.6	33.9
Food Consumed at Home	25.0	14.4	32.5	35.0	35.1	22.8
Bread and Cereals	7.1	6.5	12.7	12.8	11.3	6.2
Meat	4.9	0.5	2.8	4.1	6.0	4.7
Fish and Sea Foods	3.2	0.8	4.7	4.4	4.5	2.9
Milk, Cheese and Eggs	2.5	0.7	2.3	3.3	3.1	2.4
Oils and Fats	0.5	0.3	0.8	0.7	0.7	0.5
Fruits	1.0	1.0	1.0	1.0	1.2	1.0
Vegetables	1.6	0.7	2.9	2.8	2.3	1.4
Sugar, Jam , Honey, Chocolate and Confectionary	0.5	0.5	0.6	0.7	0.8	0.5
Food Not Elsewhere Classified	0.7	0.6	0.9	1.2	1.1	0.7
Coffee Cocoa and Tea	1.5	2.5	2.9	2.8	2.6	1.3
Mineral Water, Softdrinks, Fruits and Vegetable Juices	1.3	0.3	0.9	1.3	1.6	1.2
Food Regularly Consumed Outside the Home	11.3	44.1	13.6	13.6	12.5	11.1
Alcoholic Beverages	0.4	-	0.1	0.7	0.6	0.4
Tobacco	0.8	-	1.0	1.9	1.4	0.6
Other Vegetables-Based Products	0.0	-	-	-	-	0.0
Clothing and Footwear	2.0	0.7	1.7	1.4	1.7	2.0
Furnishings and Routine Household Maintenance	2.8	2.5	2.1	2.0	1.8	3.0
Health	2.9	1.2	2.7	3.0	2.2	3.0
House Rent/Rental Value	18.2	25.1	25.8	20.9	16.8	18.5
Water Electricity Gas and Other Fuels	8.8	6.8	12.3	10.3	9.7	8.7
Transport	6.6	0.8	1.3	2.8	5.3	6.9
Communication	2.9	-	0.6	0.9	1.7	3.2
Recreation and Culture	0.8	-	0.3	0.2	0.5	0.9
Education	3.5	0.3	0.0	0.2	1.3	4.0
Accomodation Services	0.0	-	-	-	0.0	0.0
Miscellaneous Goods and Services	6.3	2.3	4.7	4.6	5.7	6.4
Durable Furniture and Equipment	1.5	-	-	0.2	0.7	1.7
Special Family Occasion	1.5	1.9	0.4	0.6	1.1	1.5
Other Expenditure	4.6	-	0.8	1.7	1.8	5.2

Source: Philippine Statistics Authority

Notes: Details may not add up to total due to rounding: 0.0 means value lower than 0.05: "-" means 0 entry

Table 2.8

**PERCENT DISTRIBUTION OF FAMILIES BY YEAR, BY INCOME CLASS, AND BY MAIN SOURCE OF INCOME, NCR: 2009, 2012 AND 2015**

Year/ Income Class	Number of Families (in '000)	Main Source of Income		
		Wages and Salaries (%)	Entrepreneurial Activities (%)	Other Sources (%)
<b>2009</b>				
All Income classes	2,461	64.1	13.0	22.9
Under 40,000	4	27.0	28.5	44.2
40,000 - 59,999	19	29.0	10.8	60.0
60,000 - 99,999	101	45.2	20.7	34.1
100,000 - 249,999	1,099	68.7	14.2	17.1
250,000 and over	1,239	62.1	11.3	26.6
<b>2012</b>				
All Income classes	2,917	55.2	14.8	30.0
Under 40,000	9	29.8	12.6	57.6
40,000 - 59,999	21	16.0	19.6	64.4
60,000 - 99,999	109	38.7	20.5	40.7
100,000 - 249,999	1,160	59.5	13.9	26.5
250,000 and over	1,617	54.4	14.9	30.7
<b>2015</b>				
All Income classes	3,019	68.2	12.7	19.1
Under 40,000	2	29.3	-	70.7
40,000 - 59,999	13	22.9	16.7	60.4
60,000 - 99,999	66	43.3	13.6	43.1
100,000 - 249,999	1,017	71.7	12.6	15.8
250,000 and over	1,920	67.6	12.8	19.6

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.9

**VALUE OF FAMILY INCOME AND EXPENDITURE AND PERCENT DISTRIBUTION BY INCOME DECILE, AND BY YEAR, NCR: 2012 and 2015**

Income Decile	Income				Expenditure			
	Value (in million Pesos)		Percent (%)		Value (in million Pesos)		Percent (%)	
	2015	2012	2015	2012	2015	2012	2015	2012
<b>Total</b>	<b>1,282,823</b>	<b>1,106,169</b>	<b>100.0</b>	<b>100.0</b>	<b>1,053,215</b>	<b>947,599</b>	<b>100.0</b>	<b>100.0</b>
First Decile	52,483	42,808	4.1	3.9	53,815	45,117	5.1	4.8
Second Decile	67,226	52,522	5.2	4.7	64,109	52,401	6.1	5.5
Third Decile	78,401	63,025	6.1	5.7	72,684	60,092	6.9	6.3
Fourth Decile	84,996	74,590	6.6	6.7	75,736	69,182	7.2	7.3
Fifth Decile	99,692	83,462	7.8	7.5	85,811	73,196	8.1	7.7
Sixth Decile	109,318	96,966	8.5	8.8	92,357	86,245	8.8	9.1
Seventh Decile	124,135	106,466	9.7	9.6	103,924	91,110	9.9	9.6
Eight Decile	146,991	136,189	11.5	12.3	120,137	114,623	11.4	12.1
Ninth Decile	181,442	160,777	14.1	14.5	143,508	131,757	13.6	13.9
Tenth Decile	338,139	289,365	26.4	26.2	241,132	223,875	22.9	23.6

Source: Philippine Statistics Authority

Note: Details may not add up to total due to rounding.

Table 2.10

**ANNUAL PER CAPITA POVERTY THRESHOLD AND POVERTY INCIDENCE AMONG FAMILIES BY DISTRICT, AND BY YEAR, NCR: 2009, 2012 AND 2015**

District	Poverty Treshold			Poverty Incidence		
	2009	2012	2015	2009	2012	2015
<b>Among Families</b>						
<b>NCR</b>	<b>2.4</b>	<b>2.6</b>	<b>2.7</b>	<b>15.2</b>	<b>12.1</b>	<b>14.7</b>
1st District <sup>b/</sup>	3.2	3.6	3.5	48.7	24.8	26.7
2nd District <sup>b/</sup>	2.2	1.9	1.9	21.4	25.6	40.4
3rd District	3.2	2.8	3.3	23.9	23.7	19.6
4th District <sup>b/</sup>	1.5	3.0	2.8	35.0	21.5	23.5
<b>Among Population</b>						
<b>NCR</b>	<b>3.6</b>	<b>3.9</b>	<b>3.9</b>	<b>15.7</b>	<b>12.9</b>	<b>14.8</b>
1st District <sup>b/</sup>	5.1	6.2	5.1	48.7	27.1	28.7
2nd District <sup>b/</sup>	3.3	2.4	2.9	20.1	24.6	39.3
3rd District	4.5	3.8	4.1	25.7	25.9	20.5
4th District <sup>b/</sup>	2.4	4.8	4.5	33.4	21.6	22.1

Source: Philippine Statistics Authority

Notes: 1st District: City of Manila;

2nd District: City of Mandaluyong, City of Marikina, City of Pasig, Quezon City, City of San Juan;

3rd District: Caloocan City, City of Malabon, City of Navotas, City of Valenzuela; and

4th District: City of Las Piñas, City of Makati, City of Muntinlupa,

City of Paranaque, Pasay City, Pateros ,

<sup>b/</sup> Coefficient of variation of 2015 poverty incidence among families is greater than 20%.

Table 2.11

**INCOME GAP, POVERTY GAP AND SEVERITY OF POVERTY BY DISTRICT AND BY YEAR, NCR: 2009, 2012 AND 2015**

District	Income Gap			Poverty Gap			Severity of Poverty		
	2009	2012	2015	2009	2012	2015	2009	2012	2015
<b>NCR</b>	16.6	17.2	16.5	0.4	0.5	0.4	0.1	0.1	0.1
1st District	12.9	16.2	20.2	0.4	0.6	0.7	0.1	0.2	0.2
2nd District	17.0	18.0	14.5	0.4	0.3	0.3	0.1	0.1	0.1
3rd District	18.4	18.3	15.8	0.6	0.5	0.5	0.2	0.1	0.1
4th District	17.0	16.1	17.0	0.3	0.5	0.5	0.1	0.1	0.1

Source: Philippine Statistics Authority

Notes: NCR is grouped into the four districts: 1st District: City of Manila;

2nd District: City of Mandaluyong, City of Marikina, City of Pasig, Quezon City, City of San Juan;

3rd District: Caloocan City, City of Malabon, City of Navotas, City of Valenzuela; and

4th District: City of Las Piñas, City of Makati, City of Muntinlupa, City of Paranaque, Pasay City, Pateros, and Taguig City

Table 2.12

**2012=100 CONSUMER PRICE INDEX, INFLATION RATE AND PURCHASING POWER OF PESO BY YEAR, NCR: 2013 - 2018**

Year	CPI	Inflation Rate	Purchasing Power of Peso
<b>2013</b>	101.60	1.60	0.98
<b>2014</b>	104.50	2.90	0.96
<b>2015</b>	104.40	-0.10	0.96
<b>2016</b>	105.10	0.70	0.95
<b>2017</b>	109.00	3.70	0.92
<b>2018</b>	115.00	5.50	0.87

Source: Philippine Statistics Authority





## Chapter 3 **Economic Accounts**

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The economic accounts of the region, which is presented in terms of the Gross Regional Domestic Product (GRDP) and complemented by the Gross Regional Domestic Expenditure (GRDE), provide a comprehensive quantitative description of the regional economy. Specifically, the GRDP is the aggregate of gross value added (GVA) of all resident producer units in the region while GRDE is defined as the expenditure of residents of the region in the domestic territory plus their expenditures in other regions including the rest of the world. Moreover, it shows the structure of the regional economy whether it is predominantly agricultural, service or industrial. It also highlights the sectors that contributed to and are of great potential to the region's growth. Lastly, the two indicators are the macroeconomic indicator of economic performance, is not only essential in charting the socio-economic growth path of the region, but also essential in planning, policy formulation and analytical exercises.

This chapter presents the indicators on regional accounts in an annual basis in terms of levels, growth rates, and indices at current and constant 2000 prices. The Macroeconomic Account Series (MAS) of the Philippine Statistics Authority (PSA) generates the series from primary and secondary data gathered from various sources in the country.

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Table 3.1

**GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR AT CURRENT PRICES, NCR: 2016 - 2018**

(in million Pesos)

Industry/ Sub-Industry	2016	2017 <sup>r</sup>	2018
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>11,044</b>	<b>11,207</b>	<b>11,020</b>
a. Agriculture and Forestry	10,960	11,120	10,924
b. Fishing	84	87	96
<b>II. INDUSTRY SECTOR</b>	<b>924,768</b>	<b>944,406</b>	<b>1,003,481</b>
a. Mining and Quarrying	-	-	-
b. Manufacturing	592,959	626,744	631,068
c. Construction	174,196	149,662	184,704
d. Electricity, Gas and Water Supply	157,614	168,000	187,709
<b>III. SERVICE</b>	<b>4,590,526</b>	<b>5,062,686</b>	<b>5,520,296</b>
a. Transport, Storage & Communication	260,830	273,589	295,108
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	1,663,369	1,847,604	2,008,451
c. Financial Intermediation	606,987	675,290	753,479
d. Real Estate, Renting & Business Activities	1,107,595	1,221,759	1,289,483
e. Public Administration & Defense, Compulsory Social Security	293,925	336,914	408,774
f. Other Services	657,820	707,530	765,000
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>5,526,337</b>	<b>6,018,299</b>	<b>6,534,797</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

Table 3.2

**GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR AT CONSTANT 2000 PRICES, NCR: 2016-2018**

(in million Pesos)

Industry/ Sub-Industry	2016	2017 <sup>r</sup>	2018
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>5,284</b>	<b>5,321</b>	<b>5,341</b>
a. Agriculture and Forestry	5,225	5,262	5,282
b. Fishing	59	59	59
<b>II. INDUSTRY SECTOR</b>	<b>548,265</b>	<b>559,373</b>	<b>561,946</b>
a. Mining and Quarrying	-	-	-
b. Manufacturing	369,695	393,037	379,837
c. Construction	88,199	73,872	86,385
d. Electricity, Gas and Water Supply	90,371	92,463	95,724
<b>III. SERVICE</b>	<b>2,422,686</b>	<b>2,595,150</b>	<b>2,744,720</b>
a. Transport, Storage & Communication	176,020	179,904	188,360
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	860,730	931,377	984,106
c. Financial Intermediation	315,113	338,401	358,968
d. Real Estate, Renting & Business Activities	519,994	561,705	584,369
e. Public Administration & Defense, Compulsory Social Security	162,817	178,355	207,048
f. Other Services	388,013	405,407	421,869
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>2,976,235</b>	<b>3,159,843</b>	<b>3,312,007</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

Table 3.3

**PERCENT DISTRIBUTION OF GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR AT CURRENT PRICES, NCR: 2016 - 2018**

(in percent)

Industry/ Sub-Industry	2016	2017 <sup>r</sup>	2018
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
a. Agriculture and Forestry	0.2	0.2	0.2
b. Fishing	0.0	0.0	0.0
<b>II. INDUSTRY SECTOR</b>	<b>16.7</b>	<b>15.7</b>	<b>15.4</b>
a. Mining and Quarrying	-	-	-
b. Manufacturing	10.7	10.4	9.7
c. Construction	3.2	2.5	2.8
d. Electricity, Gas and Water Supply	2.9	2.8	2.9
<b>III. SERVICE</b>	<b>83.1</b>	<b>84.1</b>	<b>84.5</b>
a. Transport, Storage & Communication	4.7	4.5	4.5
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	30.1	30.7	30.7
c. Financial Intermediation	11.0	11.2	11.5
d. Real Estate, Renting & Business Activities	20.0	20.3	19.7
e. Public Administration & Defense, Compulsory Social Security	5.3	5.6	6.3
f. Other Services	11.9	11.8	11.7
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

0.0 means less than 0.5

Table 3.4

**PERCENT DISTRIBUTION OF GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY**

(in percent)

Industry/ Sub-Industry	2016 <sup>r</sup>	2017 <sup>r</sup>	2018
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
a. Agriculture and Forestry	0.2	0.2	0.2
b. Fishing	0.0	0.0	0.0
<b>II. INDUSTRY SECTOR</b>	<b>18.4</b>	<b>17.7</b>	<b>17.0</b>
a. Mining and Quarrying	0.0	0.0	-
b. Manufacturing	12.4	12.4	11.5
c. Construction	3.0	2.3	2.6
d. Electricity, Gas and Water Supply	3.0	2.9	2.9
<b>III. SERVICE</b>	<b>81.4</b>	<b>82.1</b>	<b>82.8</b>
a. Transport, Storage & Communication	5.9	5.7	5.7
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	28.9	29.5	29.7
c. Financial Intermediation	10.6	10.7	10.8
d. Real Estate, Renting & Business Activities	17.5	17.8	17.6
e. Public Administration & Defense, Compulsory Social Security	5.5	5.6	6.3
f. Other Services	13.0	12.8	12.7
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

0.0 means less than 0.5

Table 3.5

**GROWTH RATE OF GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR AT CURRENT PRICES, NCR: 2016 - 2018**

(in percent)

Industry/ Sub-Industry	2016-17 <sup>f</sup>	2017-18
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>1.5</b>	<b>(1.7)</b>
a. Agriculture and Forestry	1.5	(1.8)
b. Fishing	3.7	10.0
<b>II. INDUSTRY SECTOR</b>	<b>2.1</b>	<b>6.3</b>
a. Mining and Quarrying	-	-
b. Manufacturing	5.7	0.7
c. Construction	(14.1)	23.4
d. Electricity, Gas and Water Supply	6.6	11.7
<b>III. SERVICE</b>	<b>10.3</b>	<b>9.0</b>
a. Transport, Storage & Communication	4.9	7.9
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	11.1	8.7
c. Financial Intermediation	11.3	11.6
d. Real Estate, Renting & Business Activities	10.3	5.5
e. Public Administration & Defense, Compulsory Social Security	14.6	21.3
f. Other Services	7.6	8.1
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>8.9</b>	<b>8.6</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

Table 3.6

**GROWTH RATES OF GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-**

(in percent)

INDUSTRY/SUB-INDUSTRY	2016-17 <sup>f</sup>	2017-18
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.7</b>	<b>0.4</b>
a. Agriculture and Forestry	0.7	0.4
b. Fishing	(0.3)	1.0
<b>II. INDUSTRY SECTOR</b>	<b>2.0</b>	<b>0.5</b>
a. Mining and Quarrying	-	-
b. Manufacturing	6.3	(3.4)
c. Construction	(16.2)	16.9
d. Electricity, Gas and Water Supply	2.3	3.5
<b>III. SERVICE SECTOR</b>	<b>7.1</b>	<b>5.8</b>
a. Transport, Storage & Communication	2.2	4.7
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	8.2	5.7
c. Financial Intermediation	7.4	6.1
d. Real Estate, Renting & Business Activities	8.0	4.0
e. Public Administration & Defense, Compulsory Social Security	9.5	16.1
f. Other Services	4.5	4.1
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>6.2</b>	<b>4.8</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

Table 3.7

**IMPLICIT PRICE INDEX OF GROSS REGIONAL DOMESTIC PRODUCT BY INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR AT 2000 BASE YEAR, NCR: 2016 - 2018**

INDUSTRY/SUB-INDUSTRY	2016	2017 <sup>r</sup>	2018
<b>I. AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>209.0</b>	<b>210.6</b>	<b>206.3</b>
a. Agriculture and Forestry	209.7	211.3	206.8
b. Fishing	143.4	149.1	162.4
<b>II. INDUSTRY SECTOR</b>	<b>168.7</b>	<b>168.8</b>	<b>178.6</b>
a. Mining and Quarrying	-	-	-
b. Manufacturing	160.4	159.5	166.1
c. Construction	197.5	202.6	213.8
d. Electricity, Gas and Water Supply	174.4	181.7	196.1
<b>III. SERVICE SECTOR</b>	<b>189.5</b>	<b>195.1</b>	<b>201.1</b>
a. Transport, Storage & Communication	148.2	152.1	156.7
b. Trade and Repair of Motor Vehicles, Motorcycles, Personal & Household Goods	193.3	198.4	204.1
c. Financial Intermediation	192.6	199.6	209.9
d. Real Estate, Renting & Business Activities	213.0	217.5	220.7
e. Public Administration & Defense, Compulsory Social Security	180.5	188.9	197.4
f. Other Services	169.5	174.5	181.3
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>185.7</b>	<b>190.5</b>	<b>197.3</b>

Source: Philippine Statistics Authority

Note: r - revised

"-" means 0

Table 3.8

**PER CAPITA GROSS REGIONAL DOMESTIC PRODUCT AT CURRENT AND CONSTANT 2000 PRICES, BY YEAR, NCR: 2016 - 2018**

Prices	2016	2017 <sup>r</sup>	2018
<b>Projected Population</b>	<b>12,787,850</b>	<b>12,918,977</b>	<b>13,044,900</b>
<b>Per Capita</b>			
<b>Current Price</b>	432,155	465,691	500,947
<b>Constant 2000 Price</b>	232,739	244,453	253,893

Source: Philippine Statistics Authority

Note: r - revised

Table 3.9

**EXPENDITURE ON GROSS REGIONAL DOMESTIC PRODUCT BY TYPE OF EXPENDITURE  
AT CURRENT AND CONSTANT 2000 PRICES, NCR: 2016 - 2018**

(in million Pesos)

TYPE OF EXPENDITURE	2016	2017 <sup>r</sup>	2018
<b>Current Price</b>			
1. Household Final Consumption Expenditure	2,342,126	2,537,288	2,784,017
2. Government Final Consumption Expenditure	764,269	828,317	956,600
3. Gross Capital Formation	1,028,542	1,225,523	1,441,727
A. Fixed Capital	1,038,870	1,221,605	1,436,181
1. Construction	298,734	260,880	319,334
2. Durable Equipment	679,274	884,241	1,028,934
3. Breeding Stock & Orchard Development	85	89	95
4. Intellectual Property Products	60,777	76,396	87,818
B. Changes in Inventories	(10,328)	3,918	5,546
4. Net Exports	1,391,400	1,427,171	1,352,452
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>5,526,337</b>	<b>6,018,299</b>	<b>6,534,797</b>
<b>Constant 2000 Price</b>			
1. Household Final Consumption Expenditure	1,313,465	1,373,865	1,432,250
2. Government Final Consumption Expenditure	403,251	423,075	472,074
3. Gross Capital Formation	802,852	939,386	1,079,777
A. Fixed Capital	800,034	934,647	1,070,552
1. Construction	136,872	116,842	135,276
2. Durable Equipment	593,913	727,714	827,764
3. Breeding Stock & Orchard Development	53	53	57
4. Intellectual Property Products	69,196	90,039	107,454
B. Changes in Inventories	2,817	4,739	9,225
4. Net Exports	456,667	423,517	327,905
<b>GROSS REGIONAL DOMESTIC PRODUCT</b>	<b>2,976,235</b>	<b>3,159,843</b>	<b>3,312,007</b>

Source: Philippine Statistics Authority

Note: r - revised

Table 3.10

**PERCENT DISTRIBUTION OF EXPENDITURE ON GROSS REGIONAL DOMESTIC PRODUCT  
BY TYPE OF EXPENDITURE, AND BY YEAR AT CURRENT AND CONSTANT 2000 PRICES,  
NCR: 2016 - 2018**

(in percent)

TYPE OF EXPENDITURE	2016	2017 <sup>r</sup>	2018
<b>Current Price</b>			
1. Household Final Consumption Expenditure	42.38	42.16	42.60
2. Government Final Consumption Expenditure	13.83	13.76	14.64
3. Gross Capital Formation	18.61	20.36	22.06
A. Fixed Capital	18.80	20.30	21.98
1. Construction	5.41	4.33	4.89
2. Durable Equipment	12.29	14.69	15.75
3. Breeding Stock & Orchard Development	0.00	0.00	0.00
4. Intellectual Property Products	1.10	1.27	1.34
B. Changes in Inventories	(0.19)	0.07	0.08
4. Net Exports	25.18	23.71	20.70
<b>Constant 2000 Price</b>			
1. Household Final Consumption Expenditure	44.13	43.48	43.24
2. Government Final Consumption Expenditure	13.55	13.39	14.25
3. Gross Capital Formation	26.98	29.73	32.60
A. Fixed Capital	26.88	29.58	32.32
1. Construction	4.60	3.70	4.08
2. Durable Equipment	19.96	23.03	24.99
3. Breeding Stock & Orchard Development	0.00	0.00	0.00
4. Intellectual Property Products	2.32	2.85	3.24
B. Changes in Inventories	0.09	0.15	0.28
4. Net Exports	15.34	13.40	9.90

Source: Philippine Statistics Authority

Note: r - revised

Table 3.11

**GROWTH RATE OF EXPENDITURE ON GROSS REGIONAL DOMESTIC PRODUCT  
BY TYPE OF EXPENDITURE, AND BY YEAR AT CURRENT PRICES, NCR: 2016 -  
2018**

(in percent)

TYPE OF EXPENDITURE	2016-17 <sup>r</sup>	2017-18
<b>Current Price</b>		
1. Household Final Consumption Expenditure	8.3	9.7
2. Government Final Consumption Expenditure	8.4	15.5
3. Gross Capital Formation		
a. Construction	(12.7)	22.4
b. Durable Equipment	30.2	16.4
c. Breeding Stock & Orchard Development	5.3	6.7
d. Intellectual Property Products	25.7	15.0
4. Net Exports	2.6	(5.2)
<b>Constant 2000 Price</b>		
1. Household Final Consumption Expenditure	4.6	4.2
2. Government Final Consumption Expenditure	4.9	11.6
3. Gross Capital Formation		
a. Construction	(14.6)	15.8
b. Durable Equipment	22.5	13.7
c. Breeding Stock & Orchard Development	(1.2)	8.7
d. Intellectual Property Products	30.1	19.3
4. Net Exports	(7.3)	(22.6)

Source: *Philippine Statistics Authority*Note: *r - revised*

Table 3.12

**IMPLICIT PRICE INDEX OF EXPENDITURE ON GROSS REGIONAL DOMESTIC PRODUCT  
BY TYPE OF EXPENDITURE, AND BY YEAR AT 2000 BASE YEAR,  
NCR: 2016 - 2018**

<b>TYPE OF EXPENDITURE</b>	<b>2016</b>	<b>2017<sup>r</sup></b>	<b>2018</b>
1. Household Final Consumption Expenditure	178.3	184.7	194.4
2. Government Final Consumption Expenditure	189.5	195.8	202.6
3. Gross Capital Formation			
a. Construction	218.3	223.3	236.1
b. Durable Equipment	114.4	121.5	124.3
c. Breeding Stock & Orchard Development	159.0	169.4	166.3
d. Intellectual Property Products	87.8	84.8	81.7
4. Net Exports	304.7	337.0	412.5

Source: Philippine Statistics Authority

Note: r - revised

Table 3.13

**PER CAPITA HOUSEHOLD FINAL CONSUMPTION EXPENDITURE BY YEAR AT  
CURRENT PRICES AND CONSTANT 2000 PRICES, NCR: 2016 - 2018**

<b>Prices</b>	<b>2016</b>	<b>2017<sup>r</sup></b>	<b>2018</b>
<b>Projected Population</b>	<b>12,787,850</b>	<b>12,918,977</b>	<b>13,044,900</b>
<b>Per Capita</b>			
<b>Current Price</b>	183,152	196,400	213,418
<b>Constant 2000 Price</b>	102,712	106,345	109,794

Source: Philippine Statistics Authority

Note: r - revised





## Chapter 4

# Environment and Natural Resources

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The region's natural resources need to be protected and preserved and so there is a need for sound and effective policies for the proper management of these precious natural assets. Therefore, data regarding the environmental situation in the region is essential as a basis for proper formulation and design of conservation efforts to protect and conserve biodiversity. All these concerns emphasize the need for more reliable, timely and comprehensive data. The data are critical not only to the government and private sector but as well as the international community in their formulation of measures to safeguard the environment and natural resources and to remedy destruction and degradation to these areas.

This chapter presents data on existing/available land, watershed, and protected areas of the region and its cities and municipality. The data were generated from the National Mapping and Resource Information Authority (NAMRIA), Department of Environment and Natural Resources (DENR), specifically the Forest Management Bureau (FMB) and the Mines and Geo-Sciences Bureau (MGB).

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Table 4.1

**ANNUAL GEOMETRIC MEAN OF TOTAL SUSPENDED PARTICLES IN THE ATMOSPHERE BY AMBIENT AIR QUALITY MONITORING STATIONS, AND BY YEAR, NCR: 2008 - 2017**

Monitoring Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Valenzuela Municipal Hall, Quezon City	156	164	162	121	123	143	122	86	97	127
NCR EDSA-NPO, Quezon City	144	89	152	103	96	112	97 *	-	-	--
EDSA-East Avenue BFD Compound East Avenue, Quezon City	107	90	105	74	72	92	96	97	138	136
Ateneo Manila Observatory, Ateneo University	74	62	79	58	62	70	50	48	44	55
Mandaluyong City Hall, Maysilo Circle, Plainview, Mandaluyong City	125	104	138	136	148	-	143	158	144	126
LLDA Compound, Pasig City Hall	85	126	-	-	-	-	-	-	-	--
Makati Bureau of Fire Cmpb., Ayala Avenue cor. Buendia St. Belair, Makati City	134	145	160	128	135	-	130 *	111	122	140
Marikina Sports Complex, Sumulong Highway, Sto. Nino, Marikina City	-	121	125	125	108	97	81	104	107	95
MRT-Taft Avenue Station EDSA cor. Taft Avenue, Malibay, Pasay City	282	283	294	219	213	197	216	-	-	--
Dept. of Health, San Lazaro St., Rizal Avenue, Manila	103	103	132	101	114	115	105 *	109	107	99
<b>Average</b>	<b>134</b>	<b>129</b>	<b>150</b>	<b>118</b>	<b>119</b>	<b>118</b>	<b>117</b>	<b>102</b>	<b>108</b>	<b>111</b>
<b>Maximum</b>	<b>282</b>	<b>283</b>	<b>294</b>	<b>219</b>	<b>213</b>	<b>197</b>	<b>216</b>	<b>158</b>	<b>144</b>	<b>140</b>
<b>Minimum</b>	<b>74</b>	<b>62</b>	<b>79</b>	<b>58</b>	<b>62</b>	<b>70</b>	<b>50</b>	<b>48</b>	<b>44</b>	<b>55</b>

Source: Environmental Management Bureau

Notes: Guideline values: 90 ug/Ncm for one-year averaging time ; 230 ug/Ncm for 24-hour averaging time.

\* - less than 75% data capture

Table 4.2

**DISTRIBUTION OF POLLUTANTS BY YEAR, BY TYPE OF EMISSION, AND BY TYPE OF POLLUTANT, NCR: 2001, 2006, 2009, 2012 AND 2015**

(In percent)

Year/ Type of Emission	Pollutant				
	Volatile Organic Compound (VOC)	Carbon Monoxide (CO)	Oxide Nitrogen (NOx)	Oxide of Sulfur (SOx)	Particulate Matter (PM)
<b>Mobile</b>					
2001	14.52	72.24	8.36	1.20	3.69
2006	7.82	85.40	3.46	1.22	2.09
2009	17.63	71.70	7.72	0.25	2.69
2012	18.97	67.64	7.81	0.18	5.40
2015	18.40	68.62	7.76	0.01	5.22
<b>Stationary</b>					
2001	1.88	5.29	27.36	60.65	4.82
2006	4.64	24.64	22.29	40.91	7.52
2009	0.63	0.95	13.25	85.17	0.00
2012	0.81	4.65	17.70	48.02	28.81
2015	1.89	19.71	63.76	10.66	3.98
<b>Area</b>					
2001	2.25	15.83	78.99	0.42	2.52
2006	6.50	16.86	33.31	0.20	43.12
2009	3.25	1.63	1.63	0.10	93.39
2012	1.56	0.09	0.22	0.00	98.13
2015	0.05	0.31	0.37	0.00	99.27

Source: Environmental Management Bureau

Table 4.3

**AREA PLANTED UNDER NATIONAL GREENING PROGRAM BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2011- 2017**

(in hectares)

<b>City/Municipality</b>	<b>Total</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>NCR</b>	<b>969.5</b>	<b>115.2</b>	<b>152.5</b>	<b>72.9</b>	<b>53.1</b>	<b>69.3</b>	<b>492.0</b>	<b>14.5</b>
City of Manila	11.6	-	4.4	2.8	1.0	0.4	0.6	2.4
City of Mandaluyong	2.8	-	2.8	-	0.0	-	-	-
City of Marikina	10.3	0.7	4.4	2.1	2.6	-	0.3	-
City of Pasig	2.1	-	1.2	0.9	-	-	-	-
Quezon City	819.4	85.9	123.4	52.3	38.8	61.5	455.1	2.5
City of San Juan	0.3	0.3	-	-	-	-	-	-
Caloocan City	8.8	-	5.2	1.8	0.1	-	0.9	0.9
City of Malabon	3.9	0.3	0.1	0.0	-	1.3	2.0	0.1
City of Navotas	23.3	16.5	0.2	4.4	2.2	-	-	-
City of Valenzuela	15.3	0.00*	2.4	2.0	-	-	3.6	7.4
City of Las Piñas	2.8	1.1	-	0.7	-	1.0	-	-
City of Makati	1.6	-	0.7	0.5	-	-	0.3	0.1
City of Muntinlupa	11.3	3.3	0.8	0.5	1.5	0.9	4.0	0.4
City of Parañaque	14.1	2.2	2.1	3.1	2.6	1.4	2.7	0.0
Pasay City	18.5	-	0.3	0.0	-	0.6	17.5	-
Pateros	-	-	-	-	-	-	-	0.0*
Taguig City	23.4	4.9	4.3	1.6	4.3	2.3	5.2	0.8

Source: Department of Environment and Natural Resources-NCR

Notes: 0.0, less than 0.05;

"- " means no seedling planted.

Table 4.4

**NUMBER OF AREA PLANTED DURING NATIONAL GREENING PROGRAM TARGETS BY YEAR, BY CITY/MUNICIPALITY, AND BY COMMODITY, NCR: 2015 - 2017**

(in hectares)

Year/ City/Municipality	Total	Indigenous	Mangrove	Urban	Agro forestry	Beach Forest	Bamboo	Rattan
<b>2015</b>								
City of Manila	0.4	-	-	0.3	0.1	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	-	-	-	-	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	61.5	49.6	-	2.1	0.2	-	-	9.6
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	-	-	-	-	-	-	-	-
City of Malabon	1.3	0.3	-	0.7	-	0.3	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	-	-	-	-	-	-	-	-
City of Las Piñas	1.0	-	1.0	-	-	-	-	-
City of Makati	-	-	-	-	-	-	-	-
City of Muntinlupa	0.9	-	-	-	0.9	-	-	-
City of Parañaque	1.3	-	-	1.0	-	-	0.3	-
Pasay City	0.6	0.3	-	-	0.3	-	-	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	2.3	-	-	-	2.3	-	-	-
<b>2016</b>								
City of Manila	0.6	-	0.5	0.1	-	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	0.3	-	-	0.3	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	455.1	402.4	-	7.2	15.2	10.0	20.3	-
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	0.9	-	-	0.9	-	-	-	-
City of Malabon	2.0	-	1.0	1.0	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	3.6	2.8	-	0.6	0.2	-	-	-
City of Las Piñas	-	-	-	-	-	-	-	-
City of Makati	0.3	-	-	0.3	-	-	-	-
City of Muntinlupa	4.0	-	-	4.0	-	-	-	-
City of Parañaque	2.7	-	-	2.0	-	0.6	-	-
Pasay City	17.5	12.9	-	0.7	3.3	-	0.5	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	5.2	-	-	5.2	-	-	-	-
<b>2017</b>								
City of Manila	2.4	-	-	2.4	-	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	-	-	-	-	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	2.5	-	-	2.4	-	0.0	0.0	-
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	0.9	0.1	-	0.8	-	-	0.0	-
City of Malabon	0.1	-	-	0.1	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	7.4	2.0	-	5.3	-	-	-	-
City of Las Piñas	-	-	-	-	-	-	-	-
City of Makati	0.1	-	-	0.1	-	-	-	-
City of Muntinlupa	0.4	0.0	-	0.3	-	0.1	0.0	-
City of Parañaque	0.0	-	-	0.0	-	-	-	-
Pasay City	-	-	-	-	-	-	-	-
Pateros	0.0	-	-	0.0	-	-	-	-
Taguig City	0.8	-	-	0.4	0.4	-	-	-

Source: Department of Environment and Natural Resources

Notes: 0.0, less than 0.05

"-" means no seedling planted.

Table 4.5

**NUMBER OF SEEDLINGS NATIONAL GREENING PROGRAM TARGETS BY YEAR, BY CITY/MUNICIPALITY, AND BY COMMODITY, NCR: 2015 - 2017**

Year/ City/Municipality	Total	Indigenous	Mangrove	Urban	Agro forestry	Beach Forest	Bamboo	Rattan
<b>2015</b>								
City of Manila	2,720	-	-	2,560	160	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	-	-	-	-	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	37,978	21,751	-	11,251	95	-	-	4,881.0
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	-	-	-	-	-	-	-	-
City of Malabon	3,745	245	-	3,470	-	30.0	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	-	-	-	-	-	-	-	-
City of Las Piñas	5,000	-	5,000.0	-	-	-	-	-
City of Makati	-	-	-	-	-	-	-	-
City of Muntinlupa	237	-	-	-	237	-	-	-
City of Parañaque	2,401	-	-	521	-	-	1,880	-
Pasay City	300	240	-	-	60	-	-	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	120	-	-	-	120	-	-	-
<b>2016</b>								
City of Manila	6,328	-	100.0	6,228	-	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	15,000	-	-	15,000	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	220,176	202,901	-	1,650	4,601	4,900.0	6,124	-
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	12,527	-	-	12,527	-	-	-	-
City of Malabon	17,118	-	10,000.0	7,118	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	1,775	1,350	-	375	50	-	-	-
City of Las Piñas	-	-	-	-	-	-	-	-
City of Makati	10,350	-	-	10,350	-	-	-	-
City of Muntinlupa	121,320	-	-	121,320	-	-	-	-
City of Parañaque	12,918	-	-	12,375	-	543.0	-	-
Pasay City	12,863	2,050	-	10,583	180	-	50	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	53,014	-	-	53,014	-	-	-	-
<b>2017</b>								
City of Manila	4,842	-	-	4,842	-	-	-	-
City of Mandaluyong	-	-	-	-	-	-	-	-
City of Marikina	-	-	-	-	-	-	-	-
City of Pasig	-	-	-	-	-	-	-	-
Quezon City	3,908	-	-	3,558	-	100	250	-
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	2,833	210	-	2,613	-	-	10	-
City of Malabon	492	-	-	492	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	2,504	1,600	-	904	-	-	-	-
City of Las Piñas	-	-	-	-	-	-	-	-
City of Makati	810	-	-	810	-	-	-	-
City of Muntinlupa	1,295	60	-	785	-	280.0	170	-
City of Parañaque	526	-	-	526	-	-	-	-
Pasay City	-	-	-	-	-	-	-	-
Pateros	140	-	-	140	-	-	-	-
Taguig City	1,450	-	-	1,100	350	-	-	-

Source: Department of Environment and Natural Resources-NCR

Notes: 0.0, less than 0.05

- No seedling planted.

Table 4.6

**ANNUAL AVERAGE DISSOLVED OXYGEN AND BIOLOGICAL OXYGEN DEMAND CONCENTRATION BY RIVER, AND BY YEAR, NCR: 2011 - 2017**

River	Dissolved Oxygen							Biological Oxygen Demand						
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017
Marikina River	3.1	-	2.1	1.8	2.3	2.2	1.9	9.9	-	28.7	41.8	28.5	25.6	32.3
Navotas, Malabon, Tullahan and Tejeros (NMTT)	-	3.3	0.1	-	0.3	0.3	0.5	-	40.4	38.6	39.6	36.9	43.9	49.4
Paranaque River	-	1.9	0.1	-	0.3	0.3	0.1	29.2	47.6	43.8	56.8	56.0	56.6	58.4
Pasig River	3.4	2.9	2.3	2.8	2.7	2.3	2.2	31.7	23.1	34.4	56.9	53.3	54.6	53.8
San Juan River	1.2	-	0.5	-	0.5	0.0	0.1	48.5	-	55.8	66.8	68.3	74.4	68.7

Source: Environmental Management Bureau

Table 4.7

**PORT AREA HISTORICAL CLIMATE DATA BY SELECTED STATION BY YEAR, NCR: 2006 - 2017**

Year	Total Rainfall (mm)	Maximum Temperature (oC)	Minimum Temperature (oC)	Mean Temperature (oC)	Relative Humidity (%)	Mean Sea Level Pressure (mbs)
<b>Port Area (MCO), Manila</b>						
2006	2,095.2	31.7	25.8	28.7	74.0	1,009.5
2007	1,977.5	31.8	25.9	28.8	73.0	1,009.3
2008	2,199.7	31.3	25.6	28.5	75.0	1,009.2
2009	2,946.2	30.9	25.6	28.3	76.0	1,008.4
2010	1,962.2	32.2	26.3	29.2	73.0	1,009.9
2011	3,248.3	31.1	25.6	28.4	75.0	1,009.2
2012	3,572.4	...	25.6	28.6	76.0	-
2013	2,768.4	31.7	25.3	28.5	75.0	1,008.0
2014	1,919.0	31.7	24.5	28.2	74.0	1,008.4
2015	2,000.9	32.3	24.9	28.5	73.0	1,009.3
2016	2,098.1	32.8	25.5	29.2	76.0	1,010.3
2017	2,325.2	32.0	25.7	28.9	75.0	1,009.8

Source: Philippine Atmospheric, Geophysical, and Astronomical Services Administration, CAD, CDS

Note: Figures for temperature are computed as average of the monthly mean climatic data.

Table 4.8  
**STATUS OF LAND CLASSIFICATION, NCR: 2006**  
(in hectares)

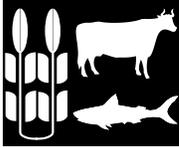
Land Classification	2006
<b>Total Land Area</b>	<b>63,600</b>
Certified Alienable & Disposable	48,232
Forest Land	15,368
Classified	628
Established Forest Reserve	-
Established Timberland	237
National Parks/Game Refuge and Bird Sanctuary/Wilderness Areas	59
Military and Naval Reserve	-
Civil Reserve	-
Fishpond	332
Unclassified	14,740

Source: National Mapping and Resource Information Authority

Table 4.9  
**PROCLAIMED WATERSHED FOREST RESERVE, NCR: 2015**

Watershed Forest Reserve	La Mesa Watershed Forest Reserve
Location	Quezon City/Caloocan City
Area (in hectares)	2,659
Proclamation No.	1,336
Proclamation Date	June 25, 2007

Source: Department of Environment and Natural Resources



## Chapter 5 **Agriculture and Fishing**

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Data on agriculture and agrarian reform are vital in the formulation of programs and policies geared towards the development of the agriculture and fishery sectors. In fact, improving the condition of the agriculture sector is a priority thrust of the government today. This is anchored on the situation where it is part in providing food for the survival of the population. This also means focusing on the agrarian reform program in order to promote social justice, sound rural development and industrialization. Hence, these data become the bases for the redirection of the focus of our legislators to the advancement of the agriculture and fisheries sectors. The data also provide indicators of the successes and impacts of strategies and programs in the lives of farmers and fisherfolks in the countryside.

This chapter presents data on fishery production and the number of slaughtered animals in the region. These statistics are from the Philippine Statistics Authority.

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Table 5.1

**NUMBER OF ANIMALS SLAUGHTERED/ DRESSED IN ABATTOIRS/ DRESSING PLANTS BY TYPE, AND BY YEAR, NCR: 2008-2018**

<b>Animal Slaughtered</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Carabao	25,111	20,752	13,902	14,283	19,895	23,973	25,585	24,384	26,150	23,540	20,629
Cattle	60,255	32,222	35,739	41,863	41,105	42,460	41,352	39,803	43,133	44,294	31,947
Goat	127	-	-	803	2,909	1,861	63	-	-	120	16,012
Swine	1,218,802	999,373	1,080,713	974,419	1,265,839	1,200,644	1,138,939	1,120,919	1,229,602	1,272,806	1,388,398

Source: Philippine Statistics Authority

Note: "-" means no count for the year.

Table 5.2

**FISH PRODUCTION BY TYPE OF PRODUCTION, AND BY YEAR, NCR: 2008 - 2018**

(in metric tons)

<b>Type of Culture</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>FISHERIES</b>	<b>84,828</b>	<b>68,724</b>	<b>93,565</b>	<b>80,015</b>	<b>86,207</b>	<b>123,936</b>	<b>127,757</b>	<b>107,135</b>	<b>125,903</b>	<b>86,929</b>	<b>103,883</b>
Commercial	77,424	62,371	86,042	70,685	77,238	116,079	118,691	98,485	115,416	65,775	76,953
Municipal	4,350	4,215	5,294	6,621	6,166	5,240	6,529	6,739	7,574	9,052	8,207
Marine Municipal	4,350	4,215	5,294	6,621	6,166	5,240	6,529	6,739	7,574	9,052	8,207
Inland Municipal	-	-	-	-	-	-	-	-	-	-	-
Aquaculture	3,053	2,137	2,229	2,709	2,804	2,617	2,537	1,911	2,913	12,102	18,724

Source: Philippine Statistics Authority

Note: "-" means no count for the year.

Table 5.3

**NUMBER, AREA AND AVERAGE AREA OF HOLDING/FARM BY CITY/MUNICIPALITY, NCR: 2012**

City/Municipality	Number of Holdings/Farms	Area of Holdings/Farms (in hectares)	Average Area of Holding/Farm (in hectares)
<b>NCR</b>	<b>38,580</b>	<b>20,271</b>	<b>0.5</b>
City of Manila	2,128	2,854	1.3
City of Mandaluyong	142	517	3.6
City of Marikina	284	662	2.3
City of Pasig	515	1,283	2.5
Quezon City	3,616	5,108	1.4
City of San Juan	44	166	3.8
Caloocan City	19,418	1,664	0.1
City of Malabon	1,872	457	0.2
City of Navotas	623	87	0.1
City of Valenzuela	7,174	573	0.1
City of Las Piñas	382	836	2.2
City of Makati	331	1,171	3.5
City of Muntinlupa	279	333	1.2
City of Parañaque	330	961	2.9
Pasay City	142	441	3.1
Pateros	50	23	0.5
Taguig City	1,250	3,135	2.5

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Table 5.4

**NUMBER OF HOLDING/FARM BY AGRICULTURAL ACTIVITIES, NCR: 2012**

AGRICULTURAL ACTIVITIES	NUMBER
Cultured Bees for Honey production	9
Vermiculture (Earthworm)	9
Sericulture (Silkworm)	4
Contract Growing of Trees	464
Orchid Growing for Sale	47
Ornamental and Flowering Plants for Sale (excluding Orchid)	70
Raising of Breeder Dogs for Sale	431
Raising of Race Horses for Sale	10
Others	37

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Table 5.5

**NUMBER, AREA AND AVERAGE AREA OF HOLDING/FARM BY LEGAL STATUS OF THE HOLDER/FARM OPERATOR, NCR: 2012**

<b>Legal Status of the Holder/Farm Operator</b>	<b>Number of Holding/Farm</b>	<b>Area of Holding/Farm (in hectares)</b>	<b>Average Area of Holding/Farm (in hectares)</b>
<b>Total</b>	<b>38,580</b>	<b>20,271</b>	<b>0.5</b>
Household Sector	38,505	19,297	0.5
Individual Proprietor	38,125	18,377	0.5
Partnership	380	921	2.4
Non-Household Sector	75	974	13.0
Corporation	42	958	22.8
Cooperative	10	5	0.5
Other Private Institution	11	6	0.5
Government Corporation/Institution	9	3	0.3
Others	3	3	1.0

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Details may not add up to total due to rounding

Table 5.6

**NUMBER, AREA AND AVERAGE AREA OF HOLDING/FARM PARCELS BY CITY/MUNICIPALITY, NCR: 2012**

<b>City/Municipality</b>	<b>Number of Holding/Farm Parcels</b>	<b>Area of Holding/Farm Parcels (in hectares)</b>	<b>Average Area of Holding/Farm Parcels (in hectares)</b>
<b>NCR</b>	<b>40,032</b>	<b>20,271</b>	<b>0.5</b>
City of Manila	2,378	2,854	1.2
City of Mandaluyong	190	517	2.7
City of Marikina	330	662	2.0
City of Pasig	620	1,283	2.1
Quezon City	4,012	5,108	1.3
City of San Juan	51	166	3.3
Caloocan City	19,660	1,664	0.1
City of Malabon	1,901	457	0.2
City of Navotas	631	87	0.1
City of Valenzuela	7,258	573	0.1
City of Las Piñas	404	836	2.1
City of Makati	364	1,171	3.2
City of Muntinlupa	317	333	1.1
City of Parañaque	378	961	2.5
Pasay City	165	441	2.7
Pateros	50	23	0.5
Taguig City	1,323	3,135	2.4

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Table 5.7

**NUMBER AND AREA OF HOLDING/FARM PARCEL BY LAND TENURE, AND BY LOCATION OF PARCEL, NCR: 2012**

Land Tenure	Total Holding/Farm Parcels		Location					
			Within the Region		Outside City/Municipality but within the Region		Outside the Region	
	Number	Area (in hectares)	Number	Area (in hectares)	Number	Area (in hectares)	Number	Area (in hectares)
<b>All Parcels</b>	<b>40,032</b>	<b>20,271</b>	<b>32,992</b>	<b>726</b>	<b>10</b>	<b>2</b>	<b>7,030</b>	<b>19,543</b>
Fully owned	25,355	16,485	19,899	400	6	1	5,450	16,083
Ownerlike possession	7,982	2,470	6,924	109	-	-	1,058	2,360
Tenanted	1,088	396	941	92	2	*	145	304
Leased/Rented	1,393	305	1,238	27	-	-	155	278
Rent free	2,963	153	2,889	85	2	1	72	66
Held under CLT or CLOA	53	174	2	*	-	-	51	174
Held under CADT/CALT	65	221	-	-	-	-	65	221
Held under CBFMA/Stewardship	14	24	2	1	-	-	12	23
Others	1,119	45	1,097	12	-	-	22	33

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Details may not add up to total due to rounding

"-" means 0

Table 5.8

**NUMBER AND AREA OF HOLDING/FARM PARCEL BY PRESENCE OF IRRIGATION FACILITY, AND BY LOCATION OF PARCEL,  
NCR: 2012**

Presence of Irrigation	Total Holding/Farm Parcels		Location					
			Within the Region		Outside City/Municipality but within the Region		Outside the Region	
	Number	Area (in hectares)	Number	Area (in hectares)	Number	Area (in hectares)	Number	Area (in hectares)
<b>Total</b>	<b>40,032</b>	<b>20,271</b>	<b>32,992</b>	<b>726</b>	<b>10</b>	<b>2</b>	<b>7,030</b>	<b>19,543</b>
With Irrigation	12,465	13,610	7,257	298	8	2	5,200	13,310
Without Irrigation	27,567	6,661	25,735	428	2	*	1,830	6,233

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Notes: Data are tabulated by residence of holder/operator

Details may not add up to total due to rounding

\*\*\* means less than 0.5

Table 5.9

**NUMBER, AVERAGE AREA AND PHYSICAL AREA OF HOLDING/FARM PARCEL PLANTED OF TOP 30 TEMPORARY CROPS, NCR: 2012**

Temporary Crops	Number <sup>1</sup> of Holding/Farm Parcels	Physical Area <sup>2</sup> of Holding/Farm Parcels (in hectares)	Average Area of Holding/Farm Parcel (in hectares)
Camote Tops (Talbos Ng Kamote)	2,087	63	0.0
Chili (Labuyo)	1,597	37	0.0
Ampalaya (including Leaf)	1,462	51	0.0
Gabi Leaves	1,324	32	0.0
Alogbati	1,178	34	0.0
Tomato (Kamatis)	887	27	0.0
Eggplant (Talong)	763	36	0.0
Okra	741	30	0.0
Cassava (Kamoteng Kahoy)	636	26	0.0
String Beans (Sitao)	591	30	0.1
Patola	567	27	0.0
Lemon Grass	488	15	0.0
Kangkong	446	28	0.1
Squash (Kalabasa)	444	23	0.1
Camote (Sweet Potato)	405	15	0.0
Pechay (Native)	372	25	0.1
Saluyot	345	23	0.1
Coummon Gourd (Upo)	296	19	0.1
Ginger (Luya)	230	7	0.0
Gabi Tubers	196	14	0.1
Corn	100	10	0.1
Onion Bulbs (Sibuyas)	83	7	0.1
Ubi	70	3	0.0
Sugarcane	63	2	0.0
Pineapple (Fruit)	42	2	0.0
Palay (Rice)	40	34	0.9
Mongo Dry And Sprout	25	1	0.0
Peanuts	25	2	0.1
Chayote	22	0	0.0
Pepper Small Green	22	0	0.0

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by location of farm parcels

Details may not add up to total due to rounding

<sup>1</sup> Refers to the number of parcels used in planting temporary crops anytime from January to December 2012.

<sup>2</sup> Refers to the physical area of the parcels where the temporary crops were planted anytime from January to December 2012.

The actual area planted for the crops was not collected during the census enumeration.

A parcel may be used for planting one or more crops simultaneously or alternately.

0.0 means less than 0.05

Table 5.10

**NUMBER OF HOLDING/FARM PARCEL OF TOP 30 PERMANENT CROPS IN TERMS OF NUMBER OF TREES/VINES/HILLS, NCR: 2012**

Permanent Crops	Number of Holding/Farm Parcels	Total Number of Trees/Vines/Hills
Banana	5,573	26,888
Mango	12,351	21,494
Malunggay	7,724	15,867
Coconut	6,185	12,711
Guavas (Bayabas)	5,388	8,047
Papaya	3,604	7,211
Santol	4,613	6,270
Starapple (Caimito)	3,847	5,495
Jackfruit	3,621	4,983
Avocado	3,195	4,159
Kalamansi	2,611	4,094
Iba/Kamias	3,201	4,072
Guyabano	2,678	3,728
Atis (Sugar Apple)	1,977	3,351
Pomelo (Suha)	1,398	1,772
Bamboo (Kawayan)	444	1,625
Cacao	851	1,387
Duhat	1,034	1,286
Rambutan	756	1,160
Tamarind (Sampalok)	863	1,103
Manzanita/Aratelis	721	1,086
Chico	636	855
Makopa/Tambis/Yambo	527	630
Lanzones	273	496
Orange (Dalandan/Kahel)	378	476
Canistel/Tiesa	393	457
Ipil-Ipil	190	434
Camansi	322	425
Balimbing (Starfruit)	214	261
Sambong (Halibhon)	160	260

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Notes: Data are tabulated by location of farm parcels

Details may not add up to total due to rounding

Table 5.11

**NUMBER AND AREA OF HOLDING/FARM PARCEL PLANTED OF TOP 10 PERMANENT CROPS BY COMPACT PLANTING, NCR: 2012**

Permanent Crops	Number <sup>1</sup>	Area <sup>2</sup>
	of Holding/Farm Parcels (in hectares)	of Holding/Farm Parcels (in hectares)
Banana	16	3
Mango	5	3
Coconut	4	2
Falcata	1	2
Santol	2	1
Papaya	16	0
Guavas (Bayabas)	4	0
Malunggay	34	0
Katuray	1	0
Manzanita/Aratelis	3	0

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Notes: Data are tabulated by location of farm parcels

Details may not add up to total due to rounding

<sup>1</sup> - Refers to the number of parcels used in planting permanent crops in compact plantation.

<sup>2</sup> - Refers to the area planted with permanent crops in compact plantation.

0 means less than 0.5

Table 5.12

**SIZE OF HOLDING/FARM BY SIZE OF HOLDING/FARM AND BY NUMBER OF PARCELS, NCR: 2012**

Number of Parcels	Size of the Holding/Farm (in hectares)										
	Total	Under 0.500	0.500 to 0.999	1.000 to 2.999	3.000 to 7.000	7.001 to 9.999	10.000 to 24.999	25.000 to 49.999	50.000 to 99.999	100.000 to 499.999	500.000 and Over
<b>Number of Farms</b>	<b>38,580</b>	<b>33,270</b>	<b>809</b>	<b>2,554</b>	<b>1,439</b>	<b>142</b>	<b>313</b>	<b>42</b>	<b>8</b>	<b>2</b>	<b>1</b>
1 parcel	37,419	33,060	750	2,224	1,081	78	202	18	5	-	1
2 parcels	961	181	51	297	292	45	78	16	-	1	-
3 parcels	145	26	7	28	48	14	18	4	-	-	-
4 parcels	36	3	1	3	15	3	7	2	2	-	-
5 parcels	8	-	-	1	1	1	4	1	-	-	-
6 parcels	9	-	-	1	2	1	3	1	-	1	-
7 parcels	-	-	-	-	-	-	-	-	-	-	-
8 parcels	1	-	-	-	-	-	1	-	-	-	-
9 parcels	-	-	-	-	-	-	-	-	-	-	-
10 parcels and over	1	-	-	-	-	-	-	-	1	-	-
<b>Area of Farms</b>	<b>20,271</b>	<b>531</b>	<b>455</b>	<b>3,804</b>	<b>6,145</b>	<b>1,179</b>	<b>4,259</b>	<b>1,381</b>	<b>492</b>	<b>638</b>	<b>1,388</b>
1 parcel	14,357	510	417	3,251	4,566	644	2,714	599	268	-	1,388
2 parcels	4,159	18	32	493	1,285	377	1,067	499	-	388	-
3 parcels	783	3	5	50	210	117	259	140	-	-	-
4 parcels	402	*	1	7	69	24	94	59	149	-	-
5 parcels	119	-	-	1	6	9	63	40	-	-	-
6 parcels	359	-	-	2	10	9	44	44	-	250	-
7 parcels	-	-	-	-	-	-	-	-	-	-	-
8 parcels	18	-	-	-	-	-	18	-	-	-	-
9 parcels	-	-	-	-	-	-	-	-	-	-	-
10 parcels and over	74	-	-	-	-	-	-	-	74	-	-

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.

Details may not add up to total due to rounding

"-" means 0

\*\*\* means less than 0.5

Table 5.13

**NUMBER OF HOUSEHOLD MEMBER AGED 10 YEARS OLD AND OVER ENGAGED IN AGRICULTURAL ACTIVITY BY AGE GROUP, AND BY TYPE OF HOLDINGS, NCR: 2012**

Age Group	Total Household Members 10 years old and over			Total Engaged			HOLDINGS								
							Own Holding			Other's Holding			In Own Holding and Other's Holding		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>150,476</b>	<b>75,154</b>	<b>75,322</b>	<b>41,415</b>	<b>24,535</b>	<b>16,880</b>	<b>41,096</b>	<b>24,338</b>	<b>16,758</b>	<b>165</b>	<b>94</b>	<b>71</b>	<b>154</b>	<b>103</b>	<b>51</b>
10 - 14	17,399	8,965	8,434	22	13	9	11	5	6	8	5	3	3	3	-
15 - 19	19,278	9,833	9,445	277	178	99	267	173	94	10	5	5	-	-	-
20 - 24	18,399	9,643	8,756	879	537	342	851	516	335	20	16	4	8	5	3
25 - 29	13,895	7,020	6,875	1,805	1,083	722	1,782	1,065	717	19	15	4	4	3	1
30 - 34	12,524	6,284	6,240	3,194	1,957	1,237	3,162	1,935	1,227	17	10	7	15	12	3
35 - 39	10,936	5,385	5,551	4,086	2,478	1,608	4,064	2,467	1,597	11	5	6	11	6	5
40 - 44	11,249	5,550	5,699	5,113	3,066	2,047	5,082	3,050	2,032	13	5	8	18	11	7
45 - 49	10,907	5,305	5,602	5,437	3,228	2,209	5,404	3,217	2,187	20	5	15	13	6	7
50 - 54	10,351	5,042	5,309	5,587	3,349	2,238	5,553	3,329	2,224	11	5	6	23	15	8
55 - 59	8,843	4,323	4,520	4,991	2,997	1,994	4,952	2,971	1,981	16	10	6	23	16	7
60 - 64	7,073	3,546	3,527	4,251	2,559	1,692	4,222	2,540	1,682	9	6	3	20	13	7
65 - 69	4,188	1,958	2,230	2,665	1,489	1,176	2,652	1,480	1,172	7	5	2	6	4	2
70 - 74	2,675	1,246	1,429	1,631	896	735	1,623	890	733	3	2	1	5	4	1
75 and Over	2,759	1,054	1,705	1,477	705	772	1,471	700	771	1	-	1	5	5	-

Source: Philippine Statistics Authority, Census of Agriculture and Fisheries 2012

Note: Data are tabulated by residence of Holder/Operator.



## Chapter 6

### **Establishment Characteristic: Industrial Sector**

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Data on the industries obtaining in the region and investments serve as barometer on the extent of the area's attractiveness and capability to absorb entrepreneurial ventures. An analysis of the data on the size and growth of industries and the stock and flow of investments shows the enabling factors that provide or enhance the comparative advantages enjoyed by industries and investors in the area. On the other hand, the data can give indications of the limiting factors that hinder the entry, growth, and movement of industries and investments. With the data providing signals, the concerned governmental instrumentalities can formulate policies, enforce regulations and undertake infrastructure programs and other forms of assistance to business and prospective investors. Armed with the data, key decision makers in the government and the private sectors can forge alliances to improve the business climate and environment. Ultimately, the policies and measures implemented and the synergy of both government and private sectors can serve as instruments for achieving growth and providing employment opportunities, among others, to the region's labor force.

This chapter presents regional and city/municipal data were available, on the number of establishments by sector, distribution of manufacturing establishments, the number, floor area and value of private building construction and the value of investments and exports in the region. The data sources are the Philippine Statistics Authority for the exports, establishments and building construction data and the Department of Trade and Industry-Board of Investments for the investments and employment generated.

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Table 6.1

**NUMBER OF ESTABLISHMENT WITH TOTAL EMPLOYMENT OF 20 AND OVER BY SUB-INDUSTRY, AND BY YEAR, NCR: 2013 - 2016**

<b>Sub-Industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>TOTAL</b>	<b>13,817</b>	<b>14,484</b>	<b>14,207</b>	<b>14,404</b>
Agriculture, Forestry and Fishing	22	17	16	13
Mining and Quarrying	6	5	6	6
Manufacturing	2,572	2,509	2,337	2,256
Electricity, Gas, Steam and Air Conditioning Supply	6	6	6	6
Water Supply; Sewerage, Waste Management and Remediation Activities	29	23	21	20
Construction	582	593	604	547
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,547	3,687	3,563	3,583
Transportation and Storage	615	608	601	654
Accommodation and Food Service Activities	2,295	2,303	2,300	2,400
Information and Communication	588	576	525	577
Financial and Insurance Activities	501	505	580	562
Real Estate Activities	339	343	410	402
Professional, Scientific and Technical Activities	735	744	89	686
Administrative Support Service Activities	482	1,068	1,085	1,179
Private Education	811	811	810	841
Human Health and Social Work Activities	309	302	297	317
Entertainment and Recreation	84	85	89	88
Other Service Activities	294	299	283	267

Source: *Philippine Statistics Authority*

Table 6.2a

**SUMMARY STATISTICS AND SELECTED INDICATORS FOR ESTABLISHMENT WITH TOTAL EMPLOYMENT OF 20 AND OVER BY SUB-INDUSTRY, NCR: 2013**

Sub-Industry	Number of Establishment	Total Employment	Total Income (in '000)	Total Compensation (in '000)	Value of Output (in '000)	Value Added (in '000)	Total Expense (in '000)
<b>TOTAL</b>	<b>14,365</b>	<b>1,819,902</b>	<b>5,770,636,409</b>	<b>642,145,916</b>	<b>1,336,343,733</b>	<b>1,897,685,619</b>	<b>2,699,150,592</b>
A - Agriculture, Forestry and Fishing	20	12,239	11,075,283	3,503,003	9,239,405	1,741,845	13,458,476
B - Mining and Quarrying	9	1,269	11,223,794	803,773	10,293,514	6,876,554	6,914,103
C - Manufacturing	2,547	229,797	845,135,261	69,497,605	834,590,293	238,521,735	760,365,583
D - Electricity, Gas, Steam and Air Conditioning Supply	6	9,675	202,342,336	11,733,864	199,988,348	54,782,386	179,196,525
E - Water Supply; Sewerage, Waste Management and Remediation Activities	29	5,558	48,621,351	3,687,656	36,804,454	25,131,666	33,849,893
F - Construction	570	166,101	250,993,675	35,416,663	245,427,719	82,030,664	227,884,950
G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,547	210,694	1,436,801,879	46,388,995	-	137,443,464	959,942
H - Transportation and Storage	615	90,183	334,532,508	33,547,661	-	103,488,424	162,358
I - Accommodation and Food Service Activities	2,295	85,140	131,320,648	19,109,404	-	44,585,973	64,748
J - Information and Communication	622	107,023	505,902,909	69,467,652	-	238,931,646	221,393
K - Financial and Insurance Activities	501	173,006	994,303,319	108,033,800	-	392,877,559	697,879,487
L - Real Estate Activities	339	29,182	340,148,787	12,013,225	-	162,390,847	212,835,558
M - Professional, Scientific and Technical Activities	735	73,637	215,696,339	40,040,493	-	107,623,083	195,804,459
N - Administrative Support Service Activities	1,025	480,660	276,854,010	140,327,871	-	204,326,939	237,821,915
O - Private Education	811	76,713	69,265,466	27,637,455	-	46,543,703	55,780,120
P - Human Health and Social Work Activities	309	43,643	51,859,800	12,047,557	-	23,879,105	45,476,712
Q - Arts, Entertainment and Recreation	92	12,718	37,265,080	7,116,796	-	23,390,309	24,002,638
R - Other Service Activities	293	12,664	7,293,964	1,772,443	-	3,119,717	6,471,733

Source: Philippine Statistics Authority

Notes: Values in thousand pesos, except for number of establishment and total employment ;  
2009 PSIC Code;

Total employment as of November 15;

"-" data not available;

s - suppressed data to avoid disclosure of individual establishment's data.

Table 6.2b

**SUMMARY STATISTICS AND SELECTED INDICATORS FOR ESTABLISHMENT WITH TOTAL EMPLOYMENT OF 20 AND OVER BY SUB-INDUSTRY, NCR: 2014**

Sub-Industry	Number of Establishment	Total Employment	Total Income (in '000)	Total Compensation (in '000)	Value of Output (in '000)	Value Added (in '000)	Total Expense (in '000)
<b>TOTAL</b>	<b>14,500</b>	<b>1,927,349</b>	<b>5,955,037,323</b>	<b>708,061,024</b>	<b>1,377,100,393</b>	<b>1,888,479,727</b>	<b>1,260,362,871</b>
A - Agriculture, Forestry and Fishing	17	9,823	10,389,412	3,503,373	8,790,160	1,673,981	12,741,346
B - Mining and Quarrying	6	963	9,182,306	419,824	7,487,277	4,895,872	6,140,183
C - Manufacturing	2,477	215,424	885,414,752	70,955,396	861,448,084	263,618,006	788,567,364
D - Electricity, Gas, Steam and Air Conditioning Supply	6	9,401	219,782,046	9,312,402	222,516,771	59,787,028	193,076,066
E - Water Supply; Sewerage, Waste Management and Remediation Activities	23	5,069	44,478,604	3,631,178	31,844,728	23,574,877	28,942,828
F - Construction	593	185,572	250,486,549	50,454,370	245,013,373	92,344,817	228,662,441
G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,687	218,849	1,435,039,073	50,838,249	-	132,978,350	959,942
H - Transportation and Storage	611	81,137	408,258,381	39,807,188	-	122,339,674	162,358
I - Accommodation and Food Service Activities	2,304	94,932	140,183,032	18,078,357	-	47,332,174	64,748
J - Information and Communication	617	104,941	484,226,901	67,531,302	-	207,222,635	221,393
K - Financial and Insurance Activities	505	178,608	993,935,711	117,579,296	-	389,456,516	477,147
L - Real Estate Activities	343	32,843	350,678,607	13,281,637	-	129,316,896	190,308
M - Professional, Scientific and Technical Activities	744	81,059	191,382,917	39,053,120	-	78,266,839	40,588
N - Administrative Support Service Activities	1,069	543,521	293,236,268	164,405,120	-	211,470,638	50,523
O - Private Education	811	79,865	69,487,899	28,849,745	-	45,638,600	22,957
P - Human Health and Social Work Activities	302	44,810	64,342,955	13,338,164	-	28,362,176	26,301
Q - Arts, Entertainment and Recreation	87	29,682	94,366,364	15,292,169	-	46,565,931	13,014
R - Other Service Activities	298	10,850	10,165,546	1,730,134	-	3,634,717	3,364

Source: *Philippine Statistics Authority*

Notes: *Values in thousand pesos, except for number of establishment and total employment ; 2009 PSIC Code;*

*Total employment as of November 15;*

*"-" data not available;*

*s - suppressed data to avoid disclosure of individual establishment's data.*

Table 6.2c

**SUMMARY STATISTICS AND SELECTED INDICATORS FOR ESTABLISHMENT WITH TOTAL EMPLOYMENT OF 20 AND OVER BY SUB-INDUSTRY, NCR: 2015**

Sub-Industry	Number of Establishment	Total Employment	Total Income (in '000)	Total Compensation (in '000)	Value of Output (in '000)	Value Added (in '000)	Total Expense (in '000)
<b>TOTAL</b>	<b>14,405</b>	<b>2,071,428</b>	<b>6,382,400,572</b>	<b>814,072,882</b>	<b>1,383,549,252</b>	<b>2,271,670,384</b>	<b>5,394,771,526</b>
A - Agriculture, Forestry and Fishing	16	8,328	7,785,198	3,054,808	6,967,034	2,395,656	10,859,565
B - Mining and Quarrying	6	1,488	12,080,203	1,920,950	9,271,560	7,414,121	9,182,819
C - Manufacturing	2,337	217,657	896,213,081	73,783,119	863,316,707	261,731,446	819,946,459
D - Electricity, Gas, Steam and Air Conditioning Supply	6	8,494	179,660,063	9,597,006	180,579,035	52,688,596	151,393,087
E - Water Supply; Sewerage, Waste Management and Remediation Activities	21	5,263	52,939,335	4,277,809	48,267,837	26,104,694	35,172,300
F - Construction	604	193,934	283,432,890	48,627,715	275,147,079	106,906,202	257,776,843
G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,563	214,636	1,358,378,858	54,940,113	-	141,235,390	1,295,390,432
H - Transportation and Storage	640	99,434	487,424,874	41,296,569	-	160,923,845	426,299,010
I - Accommodation and Food Service Activities	2,301	130,412	203,285,444	27,152,960	-	77,243,257	168,669,039
J - Information and Communication	606	111,412	501,034,833	77,040,943	-	198,440,695	422,280,621
K - Financial and Insurance Activities	580	212,868	1,200,879,948	158,168,223	-	569,918,174	864,983,314
L - Real Estate Activities	409	35,828	419,049,015	18,314,602	-	163,882,704	272,767,594
M - Professional, Scientific and Technical Activities	708	87,739	192,884,173	44,237,326	-	126,371,782	140,016,232
N - Administrative Support Service Activities	1,118	581,346	330,692,633	187,818,771	-	239,031,187	296,025,034
O - Private Education	813	80,316	69,816,102	29,850,196	-	46,478,300	58,461,468
P - Human Health and Social Work Activities	305	46,668	66,257,820	14,564,826	-	29,893,464	59,310,467
Q - Arts, Entertainment and Recreation	89	25,198	113,273,581	17,719,288	-	58,299,187	99,357,445
R - Other Service Activities	283	10,407	7,312,521	1,707,658	-	2,711,684	6,879,797

Source: *Philippine Statistics Authority*

Notes: *Values in thousand pesos, except for number of establishment and total employment ; 2009 PSIC Code;*

*Total employment as of November 15;*

*"-" data not available;*

*s - suppressed data to avoid disclosure of individual establishment's data.*

Table 6.2d

**SUMMARY STATISTICS AND SELECTED INDICATORS FOR ESTABLISHMENT WITH TOTAL EMPLOYMENT OF 20 AND OVER BY SUB-INDUSTRY, NCR: 2016**

Sub-Industry	Number of Establishment	Total Employment	Total Income (in '000)	Total Compensation (in '000)	Value of Output (in '000)	Value Added (in '000)	Total Expense (in '000)
<b>TOTAL</b>	<b>14,410</b>	<b>2,163,647</b>	<b>6,828,232,072</b>	<b>853,656,948</b>	<b>1,356,069,977</b>	<b>2,553,293,011</b>	<b>5,667,153,541</b>
A - Agriculture, Forestry and Fishing	13	10,938	7,230,922	3,285,149	6,158,445	1,370,502	10,529,815
B - Mining and Quarrying	6	1,086	9,175,133	1,233,412	6,610,856	4,890,151	7,100,916
C - Manufacturing	2,256	208,768	892,111,259	71,185,568	853,549,224	296,719,057	783,801,765
D - Electricity, Gas, Steam and Air Conditioning Supply	6	7,942	166,718,575	9,406,519	166,851,134	49,243,651	140,362,985
E - Water Supply; Sewerage, Waste Management and Remediation Activities	20	5,051	56,650,809	4,131,864	41,813,466	12,974,414	41,706,484
F - Construction	547	209,912	292,018,243	48,155,358	281,086,852	109,416,883	260,067,431
G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,583	236,335	1,542,338,350	58,682,782	-	167,477,817	1,463,613,657
H - Transportation and Storage	655	112,863	453,315,664	43,700,670	-	151,867,143	390,267,659
I - Accommodation and Food Service Activities	2,403	120,277	223,227,661	29,723,590	-	73,187,625	195,376,199
J - Information and Communication	577	105,488	549,831,210	76,668,086	-	208,480,097	456,868,461
K - Financial and Insurance Activities	562	231,223	1,349,620,947	182,466,411	-	778,593,288	919,205,864
L - Real Estate Activities	402	38,472	436,851,948	17,496,449	-	163,093,028	280,035,162
M - Professional, Scientific and Technical Activities	686	91,737	221,510,062	56,223,589	-	139,764,652	172,986,410
N - Administrative Support Service Activities	1,179	620,477	334,309,827	184,525,147	-	242,186,948	289,627,918
O - Private Education	841	80,146	74,891,286	31,011,833	-	50,103,699	61,862,436
P - Human Health and Social Work Activities	319	45,833	68,458,977	14,838,064	-	32,864,722	59,953,440
Q - Arts, Entertainment and Recreation	87	27,860	139,439,595	19,106,018	-	67,447,595	124,411,653
R - Other Service Activities	268	9,239	10,531,604	1,816,439	-	3,611,739	9,375,286

Source: *Philippine Statistics Authority*

Notes: *Values in thousand pesos, except for number of establishment and total employment ; 2009 PSIC Code;*

*Total employment as of November 15;*

*"-" data not available;*

*s - suppressed data to avoid disclosure of individual establishment's data.*

Table 6.3

**NUMBER OF ESTABLISHMENT BY CITY/MUNICIPALITY AND BY YEAR, NCR: 2014 - 2017**

<b>City/Municipality</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>NCR</b>	<b>211,854</b>	<b>191,955</b>	<b>187,650</b>	<b>194,134</b>
City of Manila	38,744	35,244	36,912	36,965
City of Mandaluyong	7,403	5,683	5,957	5,936
City of Marikina	5,913	4,288	4,378	4,386
City of Pasig	14,283	11,845	11,330	11,316
Quezon City	44,552	37,846	33,347	39,777
City of San Juan	3,867	3,363	3,632	3,618
Caloocan City	17,988	18,204	18,305	18,339
City of Malabon	4,554	4,038	4,238	4,247
City of Navotas	2,371	2,177	2,349	2,353
City of Valenzuela	10,980	13,395	11,807	11,814
City of Las Piñas	5,968	5,251	5,528	5,536
City of Makati	20,405	17,899	16,341	16,304
City of Muntinlupa	6,704	5,356	5,547	5,540
City of Parañaque	11,306	11,098	11,682	11,691
Pasay City	8,732	8,259	8,429	8,441
Pateros	762	761	666	667
Taguig City	7,322	7,248	7,202	7,204

Source: *Philippine Statistics Authority*

Table 6.4a

**NUMBER OF ESTABLISHMENTS BY CITY/MUNICIPALITY, BY SUB-INDUSTRY, AND BY EMPLOYMENT GROUPING (MSME), NCR: 2016**

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>NCR</b>	<b>187,650</b>	<b>154,405</b>	<b>29,866</b>	<b>1,647</b>	<b>1,732</b>
Agriculture, Forestry and Fishing	224	162	44	9	9
Mining and Quarrying	89	44	37	5	s
Manufacturing	19,600	14,907	4,145	320	228
Electricity, Gas, Steam and Air Conditioning Supply	127	51	62	5	9
Water Supply; Sewerage, Waste Management and Remediation Activities	178	89	70	13	6
Construction	1,392	536	628	96	132
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	79,403	69,952	8,853	386	212
Transportation and Storage	3,019	1,738	1,111	94	76
Accommodation and Food Service Activities	23,648	18,447	5,058	109	34
Information and Communication	7,824	6,802	820	97	105
Financial and Insurance Activities	8,801	7,043	1,583	68	107
Real Estate Activities	4,090	3,111	906	38	35
Professional, Scientific and Technical Activities	5,240	3,720	1,367	79	74
Administrative Support Service Activities	5,605	3,384	1,491	170	560
Private Education	4,182	2,461	1,539	99	83
Human Health and Social Work Activities	7,214	6,467	666	39	42
Entertainment and Recreation	2,263	1,978	258	13	14
Other Service Activities	14,751	13,513	1,228	7	s
<b>City of Manila</b>	<b>36,912</b>	<b>32,387</b>	<b>4,250</b>	<b>127</b>	<b>148</b>
Agriculture, Forestry and Fishing	12	11	s	s	s
Mining and Quarrying	3	3	s	s	s
Manufacturing	2,724	2,396	309	6	13
Electricity, Gas, Steam and Air Conditioning Supply	8	3	1	3	1
Water Supply; Sewerage, Waste Management and Remediation Activities	11	6	2	s	1
Construction	102	49	39	7	7
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	17,320	15,956	1,311	32	21
Transportation and Storage	1,023	658	337	12	16
Accommodation and Food Service Activities	4,633	3,770	839	17	7
Information and Communication	1,670	1,626	35	s	6
Financial and Insurance Activities	1,565	1,311	247	s	s
Real Estate Activities	669	542	124	s	s
Professional, Scientific and Technical Activities	702	619	83	s	s
Administrative Support Service Activities	1,418	948	426	20	24
Private Education	664	421	196	16	31
Human Health and Social Work Activities	1,329	1,183	126	7	13
Entertainment and Recreation	425	386	34	s	s
Other Service Activities	2,636	2,499	137	s	s

Source: Philippine Statistics Authority

Note: s - suppressed data to avoid disclosure of individual establishment's data.

.- data not available

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Mandaluyong</b>	<b>5,957</b>	<b>4,323</b>	<b>1,431</b>	<b>77</b>	<b>126</b>
Agriculture, Forestry and Fishing	3	3	s	s	s
Mining and Quarrying	6	5	1	s	s
Manufacturing	534	358	144	16	16
Electricity, Gas, Steam and Air Conditioning Supply	3	1	2	s	s
Water Supply; Sewerage, Waste Management and Remediation Activities	7	3	2	1	1
Construction	85	28	45	4	8
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,340	1,852	457	20	11
Transportation and Storage	63	32	28	2	1
Accommodation and Food Service Activities	780	525	248	6	1
Information and Communication	201	142	50	1	8
Financial and Insurance Activities	295	227	63	-	5
Real Estate Activities	183	114	60	4	5
Professional, Scientific and Technical Activities	213	136	62	6	9
Administrative Support Service Activities	314	149	98	13	54
Private Education	104	60	38	2	4
Human Health and Social Work Activities	229	188	37	2	2
Entertainment and Recreation	94	73	20	-	1
Other Service Activities	503	427	76	-	-
<b>City of Marikina</b>	<b>4,378</b>	<b>3,785</b>	<b>553</b>	<b>28</b>	<b>12</b>
Agriculture, Forestry and Fishing	1	s	1	s	s
Mining and Quarrying	1	s	1	s	s
Manufacturing	615	447	150	14	s
Electricity, Gas, Steam and Air Conditioning Supply	1	s	1	s	s
Water Supply; Sewerage, Waste Management and Remediation Activities	1	s	1	s	s
Construction	29	10	16	2	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,874	1,720	149	4	1
Transportation and Storage	22	16	5	1	s
Accommodation and Food Service Activities	402	317	82	3	s
Information and Communication	172	168	4	s	s
Financial and Insurance Activities	221	199	22	s	s
Real Estate Activities	37	28	9	s	s
Professional, Scientific and Technical Activities	71	65	5	s	1
Administrative Support Service Activities	68	63	3	1	1
Private Education	148	93	51	1	3
Human Health and Social Work Activities	263	242	18	2	1
Entertainment and Recreation	78	68	10	s	s
Other Service Activities	374	348	26	s	s

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Pasig</b>	<b>11,330</b>	<b>8,524</b>	<b>2,448</b>	<b>183</b>	<b>175</b>
Agriculture, Forestry and Fishing	8	4	4	s	s
Mining and Quarrying	20	11	5	2	2
Manufacturing	1,051	679	313	32	27
Electricity, Gas, Steam and Air Conditioning Supply	46	28	14	1	3
Water Supply; Sewerage, Waste Management and Remediation Activities	9	6	2	1	-
Construction	146	53	62	11	20
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,467	3,692	714	41	20
Transportation and Storage	126	66	53	3	4
Accommodation and Food Service Activities	1,189	920	254	12	3
Information and Communication	511	337	147	16	11
Financial and Insurance Activities	649	474	149	10	16
Real Estate Activities	374	263	104	4	3
Professional, Scientific and Technical Activities	696	414	264	10	8
Administrative Support Service Activities	453	242	130	29	52
Private Education	270	154	107	4	5
Human Health and Social Work Activities	424	387	33	3	1
Entertainment and Recreation	139	110	26	3	-
Other Service Activities	752	684	67	1	-
<b>Quezon City</b>	<b>33,347</b>	<b>25,795</b>	<b>6,803</b>	<b>370</b>	<b>379</b>
Agriculture, Forestry and Fishing	44	33	8	1	2
Mining and Quarrying	9	6	3	-	-
Manufacturing	3,495	2,628	756	75	36
Electricity, Gas, Steam and Air Conditioning Supply	15	s	7	2	3
Water Supply; Sewerage, Waste Management and Remediation Activities	27	11	11	2	3
Construction	401	141	203	27	30
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	13,432	10,916	2,345	115	56
Transportation and Storage	332	201	116	9	6
Accommodation and Food Service Activities	4,277	2,979	1,272	22	4
Information and Communication	947	774	137	16	20
Financial and Insurance Activities	1,859	1,523	314	11	11
Real Estate Activities	645	479	158	3	5
Professional, Scientific and Technical Activities	927	703	202	12	10
Administrative Support Service Activities	963	561	205	35	162
Private Education	1,115	607	464	25	19
Human Health and Social Work Activities	1,662	1,446	195	10	11
Entertainment and Recreation	424	363	58	2	1
Other Service Activities	2,773	2,421	349	3	-

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of San Juan</b>	<b>3,632</b>	<b>2,859</b>	<b>712</b>	<b>34</b>	<b>27</b>
Agriculture, Forestry and Fishing	2	1	s	1	s
Mining and Quarrying	2	1	1	s	s
Manufacturing	294	220	70	2	2
Electricity, Gas, Steam and Air Conditioning Supply	2	2	s	s	s
Water Supply; Sewerage, Waste Management and Remediation Activities	3	1	2	s	s
Construction	55	22	28	3	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,608	1,337	253	13	5
Transportation and Storage	24	21	3	-	-
Accommodation and Food Service Activities	395	251	137	7	s
Information and Communication	96	76	19	-	1
Financial and Insurance Activities	178	141	34	1	2
Real Estate Activities	164	135	28	1	-
Professional, Scientific and Technical Activities	125	90	34	1	-
Administrative Support Service Activities	89	57	21	1	10
Private Education	94	72	18	1	3
Human Health and Social Work Activities	161	144	14	1	2
Entertainment and Recreation	39	34	3	2	s
Other Service Activities	301	254	47	-	-
<b>Caloocan City</b>	<b>18,305</b>	<b>16,822</b>	<b>1,378</b>	<b>66</b>	<b>39</b>
Agriculture, Forestry and Fishing	30	25	4	1	-
Mining and Quarrying	3	1	1	1	s
Manufacturing	2,882	2,356	476	33	17
Electricity, Gas, Steam and Air Conditioning Supply	2	-	2	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	9	3	4	1	1
Construction	61	43	14	2	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	8,187	7,716	462	6	3
Transportation and Storage	141	87	42	7	5
Accommodation and Food Service Activities	2,095	2,002	90	3	-
Information and Communication	1,088	1,082	5	1	-
Financial and Insurance Activities	432	369	62	-	1
Real Estate Activities	178	157	21	-	-
Professional, Scientific and Technical Activities	202	183	19	-	-
Administrative Support Service Activities	219	201	11	1	6
Private Education	373	252	109	9	3
Human Health and Social Work Activities	588	557	29	1	1
Entertainment and Recreation	239	232	7	-	-
Other Service Activities	1,576	1,556	20	-	-

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Malabon</b>	<b>4,238</b>	<b>3,686</b>	<b>514</b>	<b>26</b>	<b>12</b>
Agriculture, Forestry and Fishing	23	21	1	-	1
Mining and Quarrying	s	s	s	s	s
Manufacturing	759	503	240	11	5
Electricity, Gas, Steam and Air Conditioning Supply	1	-	1	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	9	6	2	1	-
Construction	16	5	9	2	-
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,808	1,653	149	5	1
Transportation and Storage	49	38	9	2	-
Accommodation and Food Service Activities	418	391	26	1	-
Information and Communication	243	241	2	-	-
Financial and Insurance Activities	145	133	12	-	-
Real Estate Activities	53	50	3	-	-
Professional, Scientific and Technical Activities	45	41	4	-	-
Administrative Support Service Activities	49	32	10	3	4
Private Education	91	62	27	1	1
Human Health and Social Work Activities	152	146	6	-	-
Entertainment and Recreation	61	55	6	-	-
Other Service Activities	316	309	7	-	-
<b>City of Navotas</b>	<b>2,349</b>	<b>2,145</b>	<b>180</b>	<b>12</b>	<b>12</b>
Agriculture, Forestry and Fishing	27	13	6	2	6
Mining and Quarrying	-	-	-	-	-
Manufacturing	364	272	85	4	3
Electricity, Gas, Steam and Air Conditioning Supply	-	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	2	2	-	-	-
Construction	9	8	1	-	-
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	984	934	48	1	1
Transportation and Storage	50	29	17	3	1
Accommodation and Food Service Activities	307	301	5	1	-
Information and Communication	144	143	-	1	-
Financial and Insurance Activities	66	64	2	-	-
Real Estate Activities	13	11	2	-	-
Professional, Scientific and Technical Activities	23	22	1	-	-
Administrative Support Service Activities	24	21	2	-	1
Private Education	25	15	10	-	-
Human Health and Social Work Activities	80	80	-	-	-
Entertainment and Recreation	35	35	-	-	-
Other Service Activities	196	195	1	-	-

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Valenzuela</b>	<b>11,807</b>	<b>10,208</b>	<b>1,475</b>	<b>78</b>	<b>46</b>
Agriculture, Forestry and Fishing	24	19	5	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	2,298	1,414	799	51	34
Electricity, Gas, Steam and Air Conditioning Supply	2	s	s	s	2
Water Supply; Sewerage, Waste Management and Remediation Activities	58	36	20	2	s
Construction	59	30	24	3	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,923	4,565	346	10	2
Transportation and Storage	159	120	37	1	1
Accommodation and Food Service Activities	1,624	1,562	62	-	-
Information and Communication	504	499	5	-	-
Financial and Insurance Activities	247	211	35	1	-
Real Estate Activities	293	285	8	-	-
Professional, Scientific and Technical Activities	120	108	12	-	-
Administrative Support Service Activities	170	135	27	5	3
Private Education	150	86	60	3	1
Human Health and Social Work Activities	294	285	7	1	1
Entertainment and Recreation	126	116	10	-	1
Other Service Activities	756	737	18	1	-
<b>City of Las Piñas</b>	<b>5,528</b>	<b>4,852</b>	<b>638</b>	<b>19</b>	<b>19</b>
Agriculture, Forestry and Fishing	3	3	-	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	587	510	72	s	s
Electricity, Gas, Steam and Air Conditioning Supply	-	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	4	2	1	1	-
Construction	38	23	13	1	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,296	2,085	204	3	4
Transportation and Storage	67	37	25	1	4
Accommodation and Food Service Activities	619	494	122	3	-
Information and Communication	215	209	6	-	-
Financial and Insurance Activities	314	293	21	-	-
Real Estate Activities	58	43	13	2	-
Professional, Scientific and Technical Activities	107	92	15	-	-
Administrative Support Service Activities	117	100	13	-	4
Private Education	162	101	55	3	3
Human Health and Social Work Activities	250	234	13	1	2
Entertainment and Recreation	74	65	9	-	-
Other Service Activities	616	561	55	-	-

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Makati</b>	<b>16,341</b>	<b>11,006</b>	<b>4,643</b>	<b>321</b>	<b>371</b>
Agriculture, Forestry and Fishing	31	17	10	4	-
Mining and Quarrying	28	12	16	-	-
Manufacturing	1,018	728	248	19	23
Electricity, Gas, Steam and Air Conditioning Supply	33	12	19	2	-
Water Supply; Sewerage, Waste Management and Remediation Activities	13	6	6	1	-
Construction	186	48	85	22	31
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,952	3,812	1,038	64	38
Transportation and Storage	255	135	105	7	8
Accommodation and Food Service Activities	2,214	1,350	839	17	8
Information and Communication	798	407	312	46	33
Financial and Insurance Activities	1,410	903	427	29	51
Real Estate Activities	882	626	229	12	15
Professional, Scientific and Technical Activities	1,338	760	512	34	32
Administrative Support Service Activities	916	376	377	41	122
Private Education	324	197	110	13	4
Human Health and Social Work Activities	666	562	96	6	2
Entertainment and Recreation	121	90	25	3	3
Other Service Activities	1,156	965	189	1	1
<b>City of Muntinlupa</b>	<b>5,547</b>	<b>4,433</b>	<b>988</b>	<b>56</b>	<b>70</b>
Agriculture, Forestry and Fishing	2	1	1	-	-
Mining and Quarrying	5	2	2	1	-
Manufacturing	444	355	67	9	13
Electricity, Gas, Steam and Air Conditioning Supply	4	1	3	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	8	1	6	1	-
Construction	62	22	30	1	9
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,617	2,258	333	18	8
Transportation and Storage	62	38	19	3	2
Accommodation and Food Service Activities	632	458	168	3	3
Information and Communication	216	182	31	-	3
Financial and Insurance Activities	286	241	42	2	1
Real Estate Activities	82	50	27	3	2
Professional, Scientific and Technical Activities	173	126	42	3	2
Administrative Support Service Activities	169	106	38	3	22
Private Education	146	66	72	5	3
Human Health and Social Work Activities	222	185	34	2	1
Entertainment and Recreation	55	42	12	1	-
Other Service Activities	362	299	61	1	1

Table 6.4a - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Parañaque</b>	<b>11,682</b>	<b>9,916</b>	<b>1,584</b>	<b>97</b>	<b>85</b>
Agriculture, Forestry and Fishing	10	8	2	-	-
Mining and Quarrying	3	1	2	-	-
Manufacturing	1,149	912	194	21	22
Electricity, Gas, Steam and Air Conditioning Supply	2	1	1	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	8	2	5	1	-
Construction	84	32	33	10	9
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,996	4,483	482	19	12
Transportation and Storage	431	171	221	27	12
Accommodation and Food Service Activities	1,696	1,448	244	4	-
Information and Communication	378	351	23	2	2
Financial and Insurance Activities	453	402	49	-	2
Real Estate Activities	179	136	42	-	1
Professional, Scientific and Technical Activities	205	162	38	3	2
Administrative Support Service Activities	246	175	51	1	19
Private Education	221	125	90	6	-
Human Health and Social Work Activities	379	354	21	2	2
Entertainment and Recreation	166	151	12	1	2
Other Service Activities	1,076	1,002	74	-	-
<b>Pasay City</b>	<b>8,429</b>	<b>7,257</b>	<b>1,037</b>	<b>58</b>	<b>77</b>
Agriculture, Forestry and Fishing	2	2	-	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	525	456	64	3	2
Electricity, Gas, Steam and Air Conditioning Supply	-	s	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	2	-	1	1	s
Construction	29	11	15	-	3
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,289	3,996	266	15	12
Transportation and Storage	147	56	62	14	15
Accommodation and Food Service Activities	1,308	938	359	5	6
Information and Communication	265	255	7	2	1
Financial and Insurance Activities	312	256	50	3	3
Real Estate Activities	178	132	42	2	2
Professional, Scientific and Technical Activities	110	93	12	4	1
Administrative Support Service Activities	224	159	37	3	25
Private Education	92	43	42	6	1
Human Health and Social Work Activities	223	209	12	-	12
Entertainment and Recreation	95	74	18	-	3
Other Service Activities	628	577	50	-	1

Table 6.4a - concluded

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>Pateros</b>	<b>666</b>	<b>607</b>	<b>55</b>	<b>s</b>	<b>s</b>
Agriculture, Forestry and Fishing	-	-	-	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	114	100	14	-	-
Electricity, Gas, Steam and Air Conditioning Supply	-	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	-	-	-	-	-
Construction	5	4	1	-	-
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	211	194	16	1	-
Transportation and Storage	7	7	-	-	-
Accommodation and Food Service Activities	75	63	11	1	-
Information and Communication	41	41	-	-	-
Financial and Insurance Activities	47	45	1	1	-
Real Estate Activities	2	1	1	-	-
Professional, Scientific and Technical Activities	14	12	2	-	-
Administrative Support Service Activities	8	7	1	-	-
Private Education	19	16	2	1	-
Human Health and Social Work Activities	44	43	1	-	-
Entertainment and Recreation	19	19	-	-	-
Other Service Activities	60	55	5	-	-
<b>Taguig City</b>	<b>7,202</b>	<b>5,800</b>	<b>1,177</b>	<b>91</b>	<b>134</b>
Agriculture, Forestry and Fishing	2	-	2	-	-
Mining and Quarrying	9	2	5	1	1
Manufacturing	747	573	144	20	10
Electricity, Gas, Steam and Air Conditioning Supply	9	2	7	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	7	2	5	-	-
Construction	25	7	10	1	7
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,099	2,783	280	19	17
Transportation and Storage	61	26	32	2	1
Accommodation and Food Service Activities	984	678	300	4	2
Information and Communication	335	269	37	9	20
Financial and Insurance Activities	322	251	53	7	11
Real Estate Activities	100	59	35	4	2
Professional, Scientific and Technical Activities	169	94	60	6	9
Administrative Support Service Activities	158	52	41	14	51
Private Education	184	91	88	3	2
Human Health and Social Work Activities	248	222	24	1	1
Entertainment and Recreation	73	65	8	-	-
Other Service Activities	670	624	46	-	-

Table 6.4b

**NUMBER OF ESTABLISHMENTS BY CITY/MUNICIPALITY, BY SUB-INDUSTRY, AND BY EMPLOYMENT GROUPING (MSME), NCR: 2017**

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>TOTAL</b>	<b>194,303</b>	<b>159,976</b>	<b>30,949</b>	<b>1,564</b>	<b>1,813</b>
Agriculture, Forestry and Fishing	561	419	123	12	7
Mining and Quarrying	89	43	38	2	6
Manufacturing	19,463	14,857	4,094	302	210
Electricity, Gas, Steam and Air Conditioning Supply	140	59	66	4	10
Water Supply; Sewerage, Waste Management and Remediation Activities	178	85	75	12	6
Construction	2,409	1,477	694	81	157
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	80,697	71,047	9,067	359	224
Transportation and Storage	3,415	2,101	1,148	84	82
Accommodation and Food Service Activities	24,954	19,388	5,418	107	41
Information and Communication	7,976	6,948	830	84	114
Financial and Insurance Activities	9,038	7,146	1,711	71	110
Real Estate Activities	4,247	3,240	933	39	35
Professional, Scientific and Technical Activities	5,335	3,811	1,375	75	74
Administrative Support Service Activities	5,916	3,556	1,589	182	589
Private Education	4,294	2,580	1,540	88	86
Human Health and Social Work Activities	7,459	6,687	685	41	46
Entertainment and Recreation	2,517	2,227	266	12	12
Other Service Activities	15,615	14,305	1,297	9	4
<b>City of Manila</b>	<b>36,965</b>	<b>32,409</b>	<b>4,279</b>	<b>126</b>	<b>151</b>
Agriculture, Forestry and Fishing	11	10	1	-	-
Mining and Quarrying	3	3	-	-	-
Manufacturing	2,725	2,397	310	6	12
Electricity, Gas, Steam and Air Conditioning Supply	6	1	4	-	1
Water Supply; Sewerage, Waste Management and Remediation Activities	10	6	3	-	1
Construction	101	49	37	5	10
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	17,290	15,936	1,298	35	21
Transportation and Storage	1,068	683	359	9	17
Accommodation and Food Service Activities	4,648	3,784	839	18	7
Information and Communication	1,666	1,622	35	3	6
Financial and Insurance Activities	1,592	1,312	272	4	4
Real Estate Activities	671	544	124	3	-
Professional, Scientific and Technical Activities	696	617	79	-	-
Administrative Support Service Activities	1,421	950	425	18	28
Private Education	661	418	196	18	29
Human Health and Social Work Activities	1,334	1,189	126	7	12
Entertainment and Recreation	425	386	36	-	3
Other Service Activities	2,637	2,502	135	-	-

Source: Philippine Statistics Authority

Note: s - suppressed data to avoid disclosure of individual establishment's data.

"-" data not available;

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Mandaluyong</b>	<b>5,936</b>	<b>4,313</b>	<b>1,428</b>	<b>66</b>	<b>129</b>
Agriculture, Forestry and Fishing	3	3	-	-	-
Mining and Quarrying	6	6	-	-	-
Manufacturing	525	356	143	15	11
Electricity, Gas, Steam and Air Conditioning Supply	3	1	2	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	5	2	1	1	1
Construction	82	29	41	-	12
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,331	1,843	460	18	10
Transportation and Storage	61	30	28	1	2
Accommodation and Food Service Activities	780	531	243	5	1
Information and Communication	201	142	49	3	7
Financial and Insurance Activities	295	220	69	1	5
Real Estate Activities	185	114	62	4	5
Professional, Scientific and Technical Activities	210	135	60	5	10
Administrative Support Service Activities	320	152	101	9	58
Private Education	103	61	36	2	4
Human Health and Social Work Activities	229	188	37	2	2
Entertainment and Recreation	94	73	20	-	1
Other Service Activities	503	427	76	-	-
<b>City of Marikina</b>	<b>4,386</b>	<b>3,792</b>	<b>556</b>	<b>24</b>	<b>14</b>
Agriculture, Forestry and Fishing	1	1	-	-	-
Mining and Quarrying	1	-	1	-	-
Manufacturing	622	450	154	13	5
Electricity, Gas, Steam and Air Conditioning Supply	1	-	1	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	1	-	1	-	-
Construction	29	10	16	2	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,870	1,720	147	2	1
Transportation and Storage	23	17	5	1	-
Accommodation and Food Service Activities	405	319	83	2	1
Information and Communication	171	167	4	-	-
Financial and Insurance Activities	224	201	23	-	-
Real Estate Activities	37	28	9	-	-
Professional, Scientific and Technical Activities	71	65	5	-	1
Administrative Support Service Activities	68	63	3	1	1
Private Education	149	94	51	1	3
Human Health and Social Work Activities	263	242	18	2	1
Entertainment and Recreation	77	67	10	-	-
Other Service Activities	373	348	25	-	-

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Pasig</b>	<b>11,316</b>	<b>8,520</b>	<b>2,440</b>	<b>167</b>	<b>189</b>
Agriculture, Forestry and Fishing	7	4	3	-	-
Mining and Quarrying	18	10	5	1	2
Manufacturing	1,042	677	306	32	27
Electricity, Gas, Steam and Air Conditioning Supply	50	31	15	1	3
Water Supply; Sewerage, Waste Management and Remediation Activities	8	5	2	1	-
Construction	143	52	61	9	21
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,471	3,694	715	38	24
Transportation and Storage	129	70	51	3	5
Accommodation and Food Service Activities	1,196	922	261	10	3
Information and Communication	511	335	151	13	12
Financial and Insurance Activities	641	469	147	8	17
Real Estate Activities	374	263	102	6	3
Professional, Scientific and Technical Activities	685	410	256	11	8
Administrative Support Service Activities	459	243	131	26	59
Private Education	269	154	109	2	4
Human Health and Social Work Activities	425	388	33	3	1
Entertainment and Recreation	137	110	25	2	-
Other Service Activities	751	683	67	1	-
<b>Quezon City</b>	<b>39,777</b>	<b>31,105</b>	<b>7,834</b>	<b>391</b>	<b>447</b>
Agriculture, Forestry and Fishing	45	35	7	1	2
Mining and Quarrying	8	3	4	-	1
Manufacturing	3,782	2,879	795	70	38
Electricity, Gas, Steam and Air Conditioning Supply	16	4	7	1	4
Water Supply; Sewerage, Waste Management and Remediation Activities	29	11	14	1	3
Construction	458	160	226	28	44
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	15,687	12,912	2,603	106	66
Transportation and Storage	386	243	127	9	7
Accommodation and Food Service Activities	5,701	4,040	1,625	30	6
Information and Communication	1,199	1,002	157	15	25
Financial and Insurance Activities	2,059	1,639	395	13	12
Real Estate Activities	782	592	181	4	5
Professional, Scientific and Technical Activities	1,087	826	237	15	9
Administrative Support Service Activities	1,242	719	275	58	190
Private Education	1,183	667	475	20	21
Human Health and Social Work Activities	1,944	1,704	213	13	14
Entertainment and Recreation	525	456	67	2	-
Other Service Activities	3,644	3,213	426	5	-

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of San Juan</b>	<b>3,618</b>	<b>2,851</b>	<b>715</b>	<b>27</b>	<b>25</b>
Agriculture, Forestry and Fishing	3	1	1	1	-
Mining and Quarrying	1	-	1	-	-
Manufacturing	290	218	69	2	1
Electricity, Gas, Steam and Air Conditioning Supply	2	2	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	3	1	2	-	-
Construction	54	21	29	2	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,604	1,337	250	11	6
Transportation and Storage	24	21	3	-	-
Accommodation and Food Service Activities	395	251	140	4	-
Information and Communication	95	77	17	-	1
Financial and Insurance Activities	179	139	37	1	2
Real Estate Activities	163	135	28	-	-
Professional, Scientific and Technical Activities	124	90	34	-	-
Administrative Support Service Activities	91	59	22	2	8
Private Education	93	71	18	1	3
Human Health and Social Work Activities	160	143	14	1	2
Entertainment and Recreation	37	32	3	2	-
Other Service Activities	300	253	47	-	-
<b>Caloocan City</b>	<b>18,339</b>	<b>16,849</b>	<b>1,388</b>	<b>59</b>	<b>43</b>
Agriculture, Forestry and Fishing	28	23	4	1	-
Mining and Quarrying	3	1	2	-	-
Manufacturing	2,874	2,347	476	32	19
Electricity, Gas, Steam and Air Conditioning Supply	2	-	2	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	14	5	7	1	1
Construction	59	43	13	1	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	8,202	7,728	465	5	4
Transportation and Storage	144	89	44	5	6
Accommodation and Food Service Activities	2,100	2,006	91	3	-
Information and Communication	1,088	1,082	5	1	-
Financial and Insurance Activities	456	390	65	-	1
Real Estate Activities	177	157	20	-	-
Professional, Scientific and Technical Activities	201	183	18	-	-
Administrative Support Service Activities	220	202	10	2	6
Private Education	371	250	111	7	3
Human Health and Social Work Activities	589	558	29	1	1
Entertainment and Recreation	238	231	7	-	-
Other Service Activities	1,573	1,554	19	-	-

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Malabon</b>	<b>4,247</b>	<b>3,699</b>	<b>513</b>	<b>24</b>	<b>11</b>
Agriculture, Forestry and Fishing	23	21	1	-	1
Mining and Quarrying	-	-	-	-	-
Manufacturing	754	503	238	10	3
Electricity, Gas, Steam and Air Conditioning Supply	1	-	1	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	7	4	2	1	-
Construction	15	5	7	2	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	1,809	1,656	148	4	1
Transportation and Storage	52	39	11	2	-
Accommodation and Food Service Activities	417	390	26	1	-
Information and Communication	244	242	2	-	-
Financial and Insurance Activities	155	143	12	-	-
Real Estate Activities	55	50	5	-	-
Professional, Scientific and Technical Activities	45	41	4	-	-
Administrative Support Service Activities	51	33	11	3	4
Private Education	91	62	27	1	1
Human Health and Social Work Activities	152	146	6	-	-
Entertainment and Recreation	60	55	5	-	-
Other Service Activities	316	309	7	-	-
<b>City of Navotas</b>	<b>2,522</b>	<b>2,328</b>	<b>179</b>	<b>8</b>	<b>7</b>
Agriculture, Forestry and Fishing	365	272	84	5	4
Mining and Quarrying	-	-	-	-	-
Manufacturing	2	-	2	-	-
Electricity, Gas, Steam and Air Conditioning Supply	2	2	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	9	8	1	-	-
Construction	984	933	49	1	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	50	29	19	1	1
Transportation and Storage	308	302	5	1	-
Accommodation and Food Service Activities	144	143	1	-	-
Information and Communication	66	64	2	-	-
Financial and Insurance Activities	13	11	2	-	-
Real Estate Activities	22	22	-	-	-
Professional, Scientific and Technical Activities	25	22	2	-	1
Administrative Support Service Activities	25	15	10	-	-
Private Education	80	80	-	-	-
Human Health and Social Work Activities	35	35	-	-	-
Entertainment and Recreation	196	195	1	-	-
Other Service Activities	196	195	1	-	-

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Valenzuela</b>	<b>11,814</b>	<b>10,224</b>	<b>1,470</b>	<b>75</b>	<b>45</b>
Agriculture, Forestry and Fishing	23	18	5	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	2,283	1,413	788	54	28
Electricity, Gas, Steam and Air Conditioning Supply	3	-	1	-	2
Water Supply; Sewerage, Waste Management and Remediation Activities	54	33	19	2	-
Construction	59	29	25	3	2
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,922	4,570	340	9	3
Transportation and Storage	160	120	37	1	2
Accommodation and Food Service Activities	1,626	1,564	62	-	-
Information and Communication	503	499	4	-	-
Financial and Insurance Activities	269	223	45	1	-
Real Estate Activities	293	285	8	-	-
Professional, Scientific and Technical Activities	119	106	13	-	-
Administrative Support Service Activities	176	140	30	2	4
Private Education	149	86	59	2	2
Human Health and Social Work Activities	294	285	7	1	1
Entertainment and Recreation	125	116	9	-	-
Other Service Activities	756	737	18	-	1
<b>City of Las Piñas</b>	<b>5,536</b>	<b>4,859</b>	<b>641</b>	<b>16</b>	<b>19</b>
Agriculture, Forestry and Fishing	3	3	-	-	-
Mining and Quarrying					
Manufacturing	586	509	73	3	1
Electricity, Gas, Steam and Air Conditioning Supply	1	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	4	2	1	1	-
Construction	37	23	13	-	1
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,299	2,089	204	2	4
Transportation and Storage	73	40	28	1	4
Accommodation and Food Service Activities	619	494	122	3	-
Information and Communication	215	209	6	-	-
Financial and Insurance Activities	314	293	21	-	-
Real Estate Activities	59	43	14	2	-
Professional, Scientific and Technical Activities	106	92	14	-	-
Administrative Support Service Activities	118	101	13	1	3
Private Education	162	101	55	3	3
Human Health and Social Work Activities	250	234	13	-	3
Entertainment and Recreation	74	65	9	-	-
Other Service Activities	616	561	55	-	-

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Makati</b>	<b>16,304</b>	<b>10,997</b>	<b>4,639</b>	<b>294</b>	<b>374</b>
Agriculture, Forestry and Fishing	33	17	12	4	-
Mining and Quarrying	31	15	15	-	1
Manufacturing	1,013	724	252	18	19
Electricity, Gas, Steam and Air Conditioning Supply	36	14	20	2	-
Water Supply; Sewerage, Waste Management and Remediation Activities	9	3	5	1	-
Construction	184	48	87	18	31
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,962	3,822	1,041	61	38
Transportation and Storage	260	137	109	6	8
Accommodation and Food Service Activities	2,210	1,351	832	16	11
Information and Communication	785	407	302	37	39
Financial and Insurance Activities	1,410	900	429	30	51
Real Estate Activities	881	625	230	11	15
Professional, Scientific and Technical Activities	1,304	743	502	27	32
Administrative Support Service Activities	918	378	384	37	119
Private Education	322	196	109	13	4
Human Health and Social Work Activities	669	563	97	7	2
Entertainment and Recreation	120	88	25	4	3
Other Service Activities	1,157	966	188	2	1
<b>City of Muntinlupa</b>	<b>5,540</b>	<b>4,430</b>	<b>988</b>	<b>52</b>	<b>70</b>
Agriculture, Forestry and Fishing	2	1	1	-	-
Mining and Quarrying	5	2	2	1	-
Manufacturing	443	354	67	7	15
Electricity, Gas, Steam and Air Conditioning Supply	4	1	3	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	8	1	6	1	-
Construction	62	22	31	2	7
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,616	2,262	330	16	8
Transportation and Storage	62	38	19	3	2
Accommodation and Food Service Activities	633	458	169	3	3
Information and Communication	216	182	31	-	3
Financial and Insurance Activities	283	238	42	2	1
Real Estate Activities	83	51	27	3	2
Professional, Scientific and Technical Activities	169	124	41	2	2
Administrative Support Service Activities	171	106	40	2	23
Private Education	146	65	73	6	2
Human Health and Social Work Activities	222	185	34	2	1
Entertainment and Recreation	54	42	11	1	-
Other Service Activities	361	298	61	1	1

Table 6.4b - continued

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>City of Parañaque</b>	<b>11,691</b>	<b>9,925</b>	<b>1,592</b>	<b>90</b>	<b>84</b>
Agriculture, Forestry and Fishing	10	8	2	-	-
Mining and Quarrying	4	1	3	-	-
Manufacturing	1,143	908	196	20	19
Electricity, Gas, Steam and Air Conditioning Supply	2	1	1	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	8	2	5	1	-
Construction	83	31	34	6	12
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,987	4,477	485	14	11
Transportation and Storage	448	181	225	29	13
Accommodation and Food Service Activities	1,697	1,452	240	4	1
Information and Communication	378	353	22	2	1
Financial and Insurance Activities	462	408	52	1	1
Real Estate Activities	180	137	42	-	1
Professional, Scientific and Technical Activities	203	160	37	4	2
Administrative Support Service Activities	247	175	53	2	17
Private Education	221	125	90	5	1
Human Health and Social Work Activities	379	354	21	1	3
Entertainment and Recreation	165	150	12	1	2
Other Service Activities	1,074	1,002	72	-	-
<b>Pasay City</b>	<b>8,441</b>	<b>7,268</b>	<b>1,043</b>	<b>58</b>	<b>72</b>
Agriculture, Forestry and Fishing	2	2	-	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	522	454	62	4	2
Electricity, Gas, Steam and Air Conditioning Supply	-	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	2	-	1	1	-
Construction	29	11	14	1	3
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	4,294	3,999	269	16	10
Transportation and Storage	149	58	65	11	15
Accommodation and Food Service Activities	1,311	940	361	4	6
Information and Communication	266	255	8	2	1
Financial and Insurance Activities	319	263	49	4	3
Real Estate Activities	181	133	44	2	2
Professional, Scientific and Technical Activities	106	90	11	4	1
Administrative Support Service Activities	223	159	39	5	20
Private Education	92	43	42	4	3
Human Health and Social Work Activities	223	209	12	-	2
Entertainment and Recreation	94	74	17	-	3
Other Service Activities	628	578	49	-	1

Table 6.4b - concluded

City/Municipality/ Sub-Industry	Total	Employment Grouping (MSME)			
		Micro	Small	Medium	Large
<b>Pateros</b>	<b>667</b>	<b>607</b>	<b>56</b>	<b>3</b>	<b>1</b>
Agriculture, Forestry and Fishing	-	-	-	-	-
Mining and Quarrying	-	-	-	-	-
Manufacturing	113	99	14	-	-
Electricity, Gas, Steam and Air Conditioning Supply	-	-	-	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	-	-	-	-	-
Construction	5	4	1	-	-
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	212	195	16	1	-
Transportation and Storage	7	7	-	-	-
Accommodation and Food Service Activities	75	63	11	1	-
Information and Communication	41	41	-	-	-
Financial and Insurance Activities	48	45	2	1	-
Real Estate Activities	2	1	1	-	-
Professional, Scientific and Technical Activities	14	12	2	-	-
Administrative Support Service Activities	8	7	1	-	-
Private Education	19	16	2	-	1
Human Health and Social Work Activities	44	43	1	-	-
Entertainment and Recreation	19	19	-	-	-
Other Service Activities	60	55	5	-	-
<b>Taguig City</b>	<b>7,204</b>	<b>5,800</b>	<b>1,188</b>	<b>84</b>	<b>132</b>
Agriculture, Forestry and Fishing	2	-	2	-	-
Mining and Quarrying	9	2	5	-	2
Manufacturing	744	569	149	16	10
Electricity, Gas, Steam and Air Conditioning Supply	11	2	9	-	-
Water Supply; Sewerage, Waste Management and Remediation Activities	7	2	5	-	-
Construction	25	7	10	1	7
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	3,091	2,778	277	20	16
Transportation and Storage	61	26	32	2	1
Accommodation and Food Service Activities	997	680	312	3	2
Information and Communication	331	269	35	8	19
Financial and Insurance Activities	319	252	49	5	13
Real Estate Activities	102	60	36	4	2
Professional, Scientific and Technical Activities	170	95	60	7	8
Administrative Support Service Activities	158	54	41	14	49
Private Education	183	91	87	3	2
Human Health and Social Work Activities	247	221	24	1	1
Entertainment and Recreation	77	68	9	-	-
Other Service Activities	670	624	46	-	-

Table 6.5a

**NUMBER OF REGISTERED COOPERATIVES BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2011 - 2017**

City/ Municipality	2011	2012	2013	2014	2015	2016	2017
<b>NCR</b>	<b>328</b>	<b>167</b>	<b>116</b>	<b>97</b>	<b>130</b>	<b>98</b>	<b>103</b>
City of Manila	30	18	11	15	17	6	9
City of Mandaluyong	12	7	4	3	5	-	4
City of Marikina	5	4	7	3	2	2	6
City of Pasig	36	16	3	4	8	5	12
Quezon City	109	57	47	34	36	32	34
City of San Juan	9	4	2	-	3	-	1
Caloocan City	17	14	7	6	12	3	7
City of Malabon	6	3	1	1	3	5	2
City of Navotas	6	4	1	1	-	-	-
City of Valenzuela	9	4	7	3	6	12	4
City of Las Piñas	8	2	2	2	2	2	0
City of Makati	19	12	9	7	10	8	10
City of Muntinlupa	9	1	-	4	1	2	1
City of Parañaque	9	5	3	3	10	3	4
Pasay City	14	4	6	6	6	8	5
Pateros	1	-	-	-	-	-	-
Taguig City	29	12	6	5	9	10	4

Source: Cooperative Development Authority

Note: "-" means 0 entry

Table 6.5b

**NUMBER OF REGISTERED COOPERATIVES UNDER DISSOLUTION, LIQUIDATION, CANCELLATION AND DELISTING BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2011-2017**

City/ Municipality	2011	2012	2013	2014	2015	2016	2017
<b>NCR</b>	<b>173</b>	<b>96</b>	<b>115</b>	<b>97</b>	<b>133</b>	<b>102</b>	<b>144</b>
City of Manila	15	10	11	15	17	6	12
City of Mandaluyong	7	5	4	3	5	-	5
City of Marikina	1	3	7	3	2	2	6
City of Pasig	23	9	3	4	8	5	11
Quezon City	57	27	46	34	36	32	50
City of San Juan	4	2	2	-	3	4	4
Caloocan City	8	9	7	6	12	3	7
City of Malabon	4	3	1	1	3	5	1
City of Navotas	2	2	1	1	-	2	1
City of Valenzuela	6	1	7	3	6	12	4
City of Las Piñas	2	1	2	2	2	0	3
City of Makati	10	8	9	7	10	8	13
City of Muntinlupa	5	-	-	4	1	2	7
City of Parañaque	3	2	3	3	10	3	3
Pasay City	9	4	6	6	6	8	10
Pateros	-	-	-	-	3	-	-
Taguig City	17	10	6	5	9	10	7

Source: Cooperative Development Authority

Notes: "-" means 0 entry

Table 6.6a

**NUMBER OF REGISTERED COOPERATIVES BY TYPE, AND BY YEAR, NCR: 2011 - 2017**

Cooperative Type	2011	2012	2013	2014	2015	2016	2017
<b>TOTAL</b>	<b>328</b>	<b>167</b>	<b>116</b>	<b>97</b>	<b>130</b>	<b>98</b>	<b>107</b>
Advocacy	1	2	2	1	-	-	3
Agriculture	-	-	-	-	-	-	1
Consumers	52	41	16	10	17	20	21
Cooperative Bank	-	-	-	1	-	-	-
Credit	80	47	42	28	33	31	40
Education	-	1	-	-	-	-	1
Federation-Secondary	4	-	-	1	-	1	-
Federation-Tertiary	1	-	-	-	-	-	-
Fishermen	-	1	-	-	-	-	-
Housing	1	2	7	6	7	27	2
Insurance-Secondary	-	-	-	-	-	-	-
Labor Service	4	1	-	1	7	7	-
Marketing	7	4	1	-	2	2	2
Multipurpose	29	22	30	24	44	-	2
Producers	15	9	5	4	2	3	5
Service	116	25	6	13	7	1	2
Transport	13	11	5	5	10	4	21
Union-Secondary	-	1	-	1	-	-	4
Union-Tertiary	-	-	-	-	-	-	-
Water Service	-	-	-	-	1	-	-
Workers	5	-	2	2	-	2	3

Source: Cooperative Development Authority

Note: "-" means 0 entry

Table 6.6b

**NUMBER OF REGISTERED COOPERATIVES UNDER DISSOLUTION, LIQUIDATION, CANCELLATION AND DELISTING BY TYPE, AND BY YEAR, NCR: 2011 - 2017**

Cooperative Type	2011	2012	2013	2014	2015	2016	2017
<b>TOTAL</b>	<b>173</b>	<b>96</b>	<b>115</b>	<b>97</b>	<b>130</b>	<b>98</b>	<b>160</b>
Advocacy	1	2	2	1	-	-	1
Consumers	22	20	16	10	17	20	17
Cooperative Bank	-	-	-	1	-	-	-
Credit	38	28	42	28	33	31	31
Education	-	1	-	-	-	-	-
Federation-Secondary	3	-	-	1	-	1	1
Federation-Tertiary	1	-	-	-	-	-	-
Fishermen	-	1	-	-	-	-	4
Housing	1	-	7	6	7	27	-
Insurance-Secondary	-	-	-	-	-	-	-
Labor Service	4	1	-	1	7	7	1
Marketing	4	1	1	-	2	2	1
Multipurpose	22	14	29	24	44	-	62
Producers	12	4	5	4	2	3	6
Service	57	17	6	13	7	1	23
Transport	5	6	5	5	10	4	12
Union-Secondary	-	1	-	1	-	-	1
Union-Tertiary	-	-	-	-	-	-	-
Water Service	-	-	-	-	1	-	-
Workers	3	-	2	2	-	2	-

Source: Cooperative Development Authority

Note: "-" means 0 entry

Table 6.7

**VALUE OF INVESTMENTS BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2008 - 2015**

City/Municipality	2008	2009	2010	2011	2012	2013	2014	2015
<b>NCR</b>	<b>66,335.55</b>	<b>63,844.19</b>	<b>40,954.42</b>	<b>73,801.13</b>	<b>42,912.62</b>	<b>36,847.04</b>	<b>116,813.16</b>	<b>29,503.16</b>
City of Manila	16,453.23	38,498.52	5,944.87	22,965.29	3,322.62	4,655.81	36,996.74	8,702.25
City of Mandaluyong	8,369.52	3,398.60	4,907.87	2,876.76	955.68	1,514.16	819.85	3,363.69
City of Marikina	419.48	278.96	-	600.83	-	198.36	-	-
City of Pasig	5,932.23	825.10	827.80	5,438.18	4,799.89	2,539.72	3,154.50	1,019.98
Quezon City	7,807.21	18,618.88	6,447.76	7,350.58	14,548.12	4,251.75	12,555.88	2,063.14
City of San Juan	59.12	-	-	-	5.12	-	7.00	-
Caloocan City	64.16	-	652.86	455.39	157.40	236.65	-	-
City of Malabon	-	-	-	-	-	-	-	-
City of Navotas	769.24	163.68	-	-	559.84	4,414.94	-	609.34
City of Valenzuela	-	3.70	604.86	424.52	19.59	-	253.13	-
City of Las Piñas	272.41	-	1,686.22	-	777.50	-	720.81	-
City of Makati	4,555.54	727.41	7,321.23	9,123.95	1,519.27	899.61	86.64	3,098.25
City of Muntinlupa	3,718.33	-	423.81	4,804.79	2,167.01	25.77	586.41	1,337.17
City of Parañaque	7,937.04	1,268.38	4,157.35	2,871.17	773.24	2,903.00	23,432.67	215.50
Pasay City	9,937.28	50.96	7,862.90	14,820.08	5,546.11	12,533.31	22,735.74	6,729.15
Taguig City	40.76	10.00	116.89	2,069.59	7,761.23	2,673.96	15,463.79	2,364.69

Source: Department of Trade and Industry-Board of Investments

Note: '-' means no count for the year.

Table 6.8

**EMPLOYMENT GENERATED BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2008 - 2015**

City/Municipality	2008	2009	2010	2011	2012	2013	2014	2015
<b>NCR</b>	<b>54,170</b>	<b>72,265</b>	<b>12,404</b>	<b>30,537</b>	<b>8,474</b>	<b>11,125</b>	<b>20,902</b>	<b>12,374</b>
City of Manila	5,219	41,591	1,666	5,766	793	465	1,109	2,583
City of Mandaluyong	7,348	280	1,121	1,358	364	945	863	2,640
City of Marikina	488	256	-	641	-	639	-	-
City of Pasig	5,380	706	608	4,324	977	1,280	1,342	1,112
Quezon City	6,320	28,306	1,621	4,225	2,407	1,127	4,201	1,876
City of San Juan	42	-	-	-	6	-	22	-
Caloocan City	92	-	1,062	89	305	77	-	-
City of Malabon	-	-	-	-	103	-	-	-
City of Navotas	167	18	-	-	54	186	134	-
City of Valenzuela	84	48	435	99	58	-	156	-
City of Las Piñas	393	-	414	-	281	-	1,100	-
City of Makati	3,620	635	1,753	2,510	815	913	22	1,302
City of Muntinlupa	748	-	63	5,031	639	34	377	656
City of Parañaque	21,884	340	2,396	2,354	385	205	181	174
Pasay City	2,290	72	1,094	2,958	537	2,592	3,449	938
Taguig City	95	13	171	1,182	750	2,662	7,946	1,093

Source: Department of Trade and Industry-Board of Investments

Note: "-" means no count for the year.

Table 6.9

**NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION BY YEAR, BY CITY/MUNICIPALITY, AND BY TYPE OF CONSTRUCTION, NCR: 2013 - 2018**

Year/ City/Municipality	Total			Type of Construction					
				Residential			Non-Residential		
	Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2013</b>									
<b>NCR</b>	<b>13,948</b>	<b>8,055,021</b>	<b>122,563,203</b>	<b>7,071</b>	<b>4,928,256</b>	<b>64,234,429</b>	<b>1,221</b>	<b>2,886,868</b>	<b>46,407,047</b>
City of Manila	1,109	696,913	8,449,976	427	613,354	6,251,549	152	70,624	740,163
City of Mandaluyong	496	467,116	9,096,031	116	320,797	6,677,496	55	135,314	1,896,256
City of Marikina	636	118,852	1,469,983	437	78,302	849,662	42	32,993	419,033
City of Pasig	978	372,661	6,404,607	407	184,901	3,182,815	86	161,516	2,051,692
Quezon City	2,468	1,604,723	20,065,893	1,535	1,155,446	12,862,352	254	428,856	5,854,199
City of San Juan	62	57,822	653,802	39	27,693	285,347	17	30,062	356,845
Caloocan City	761	164,739	1,398,109	522	102,540	805,219	61	57,484	376,785
City of Malabon	368	105,129	1,085,890	229	78,030	761,615	28	20,940	158,482
City of Navotas	91	60,760	386,462	31	53,079	348,014	7	7,300	30,355
City of Valenzuela	933	247,449	1,947,445	676	135,924	1,023,838	97	92,696	676,595
City of Las Piñas	747	232,509	2,786,549	467	160,326	1,676,711	54	59,101	804,763
City of Makati	1,968	459,483	8,510,395	372	248,816	2,899,608	94	171,542	2,937,084
City of Muntinlupa	668	315,202	4,577,741	356	130,678	1,445,715	63	122,504	2,038,589
City of Parañaque	1,071	1,143,799	23,816,788	833	425,847	6,439,368	71	713,947	17,034,364
Pasay City	347	651,708	8,750,049	133	395,725	5,344,968	40	253,330	2,940,483
Pateros	107	23,076	177,630	70	11,814	103,678	11	9,092	40,393
Taguig City	1,138	1,333,080	22,985,845	421	804,984	13,276,466	89	519,567	8,050,956

Source: Philippine Statistics Authority

Table 6.9 - continued

Year/ City/Municipality	Total			Type of Construction					
	Number	Floor Area (in sq. km.)	Value (in '000)	Residential			Non-Residential		
				Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2014</b>									
<b>NCR</b>	<b>13,381</b>	<b>10,199,776</b>	<b>189,236,576</b>	<b>6,772</b>	<b>5,492,820</b>	<b>72,313,534</b>	<b>1,146</b>	<b>4,401,304</b>	<b>102,299,990</b>
City of Manila	454	179,361	2,957,092	167	126,148	1,363,031	43	49,396	601,478
City of Mandaluyong	524	512,411	8,376,153	116	400,104	5,701,812	38	108,384	2,021,024
City of Marikina	598	102,050	1,257,647	392	70,740	822,889	47	21,640	206,453
City of Pasig	979	940,213	14,404,031	423	780,376	11,208,638	67	142,999	1,895,971
Quezon City	2,603	2,673,131	35,385,678	1,491	1,854,323	20,652,537	230	731,838	12,044,385
City of San Juan	98	159,917	1,587,974	62	118,840	1,254,826	29	38,754	302,941
Caloocan City	1,095	220,079	1,929,671	870	120,336	1,088,640	97	95,038	704,476
City of Malabon	327	77,964	736,102	192	31,344	262,157	33	44,686	336,958
City of Navotas	116	10,272	66,321	38	3,942	21,263	11	5,821	31,755
City of Valenzuela	642	210,834	1,617,586	410	70,337	543,127	134	134,893	877,694
City of Las Piñas	964	289,748	3,730,126	638	216,255	2,724,244	53	63,898	686,138
City of Makati	1,801	576,685	13,416,289	347	418,038	8,757,153	63	130,794	2,185,915
City of Muntinlupa	672	643,517	10,271,141	327	231,069	3,387,843	60	406,689	5,970,876
City of Parañaque	986	1,676,972	63,637,131	659	442,149	4,345,647	109	1,228,767	58,613,776
Pasay City	358	911,103	11,569,787	141	43,291	409,892	38	751,200	10,214,482
Pateros	100	16,936	191,738	80	13,131	143,422	10	3,702	41,213
Taguig City	1,064	998,583	18,102,102	419	552,397	9,626,405	84	442,805	5,564,447

Table 6.9 - continued

Year/ City/Municipality	Total			Type of Construction					
	Number	Floor Area (in sq. km.)	Value (in '000)	Residential			Non-Residential		
				Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2015</b>									
<b>NCR</b>	<b>8,626</b>	<b>6,134,529</b>	<b>98,688,280</b>	<b>4,175</b>	<b>4,420,340</b>	<b>65,505,726</b>	<b>815</b>	<b>2,410,106</b>	<b>33,974,217</b>
City of Manila	105	59,526	1,060,701	39	38,474	432,489	14	39,299	709,496
City of Mandaluyong	327	635,671	11,663,332	73	496,474	8,593,547	21	210,952	3,318,449
City of Marikina	424	103,522	1,347,963	224	49,770	618,066	42	37,511	409,354
City of Pasig	578	672,111	9,574,101	198	547,762	7,289,111	30	115,258	1,685,701
Quezon City	1,422	836,231	12,566,769	789	914,071	9,833,438	121	190,132	2,845,465
City of San Juan	65	111,181	1,768,640	45	64,117	750,226	9	42,999	931,871
Caloocan City	679	168,970	1,446,019	458	90,490	746,886	76	64,412	376,284
City of Malabon	322	65,534	619,563	231	44,907	423,571	20	15,635	88,287
City of Navotas	63	4,860	30,620	29	3,789	19,139	3	615	4,580
City of Valenzuela	522	179,208	1,265,450	329	52,054	382,461	111	114,784	756,665
City of Las Piñas	663	238,359	3,195,459	391	161,814	2,228,423	70	86,408	1,300,561
City of Makati	1,250	389,453	10,737,516	246	402,638	9,740,388	40	57,480	757,736
City of Muntinlupa	309	285,590	3,161,614	149	92,824	1,427,592	24	225,150	2,130,289
City of Parañaque	698	220,274	4,637,458	469	140,002	1,434,492	69	53,793	1,174,786
Pasay City	307	785,323	14,070,257	105	306,186	5,172,516	47	472,707	8,320,199
Pateros	93	17,835	173,258	57	9,741	81,618	10	7,892	65,427
Taguig City	799	1,360,611	21,369,564	343	1,005,227	16,331,762	108	675,079	9,099,067

Table 6.9 - continued

Year/ City/Municipality	Total			Type of Construction					
	Number	Floor Area (in sq. km.)	Value (in '000)	Residential			Non-Residential		
				Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2016</b>									
<b>NCR</b>	<b>12,318</b>	<b>8,289,463</b>	<b>137,855,531</b>	<b>6,201</b>	<b>4,148,656</b>	<b>63,358,821</b>	<b>1,466</b>	<b>4,050,949</b>	<b>61,092,011</b>
City of Manila	843	576,640	8,183,125	303	314,246	3,950,284	121	254,416	3,354,667
City of Mandaluyong	381	302,753	4,749,653	80	242,827	3,377,857	37	54,060	532,616
City of Marikina	577	126,438	1,575,244	359	73,005	848,720	51	45,598	479,572
City of Pasig	783	869,171	13,822,548	288	758,021	11,127,835	69	106,180	1,676,645
Quezon City	1,588	999,513	14,460,448	938	618,080	8,292,957	179	372,804	5,341,763
City of San Juan	72	57,940	652,466	49	24,253	255,195	13	33,361	333,180
Caloocan City	1,153	346,685	3,066,800	899	199,123	1,927,502	157	145,925	981,700
City of Malabon	374	120,326	989,275	256	63,579	617,068	41	53,863	297,128
City of Navotas	97	15,217	103,155	48	7,086	50,885	6	7,735	34,778
City of Valenzuela	1,138	490,259	3,485,659	824	131,558	992,572	223	351,320	2,335,744
City of Las Piñas	797	322,031	4,346,877	518	212,082	2,653,778	74	97,767	1,381,169
City of Makati	1,532	763,561	22,754,498	267	384,893	10,434,066	87	376,244	9,453,380
City of Muntinlupa	345	180,897	3,862,272	163	59,952	596,937	49	115,149	2,892,080
City of Parañaque	910	1,145,475	19,744,607	589	264,838	3,790,115	118	878,331	15,633,171
Pasay City	518	601,123	9,520,402	150	301,870	5,114,447	71	281,887	3,548,000
Pateros	98	19,313	213,839	64	16,584	155,822	10	2,729	32,273
Taguig City	1,112	1,352,121	26,324,663	406	476,659	9,172,782	160	873,580	12,784,145

Table 6.9 - continued

Year/ City/Municipality	Total			Type of Construction					
	Number	Floor Area (in sq. km.)	Value (in '000)	Residential			Non-Residential		
				Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2017</b>									
<b>NCR</b>	<b>11,583</b>	<b>5,899,302</b>	<b>88,871,731</b>	<b>6,055</b>	<b>3,511,110</b>	<b>48,377,502</b>	<b>1,298</b>	<b>2,296,311</b>	<b>29,896,790</b>
City of Manila	532	282,444	3,650,647	233	88,930	958,619	65	182,572	2,014,434
City of Mandaluyong	261	139,103	3,428,470	53	79,752	2,127,131	21	57,756	850,137
City of Marikina	538	110,352	1,424,678	322	66,310	815,591	62	36,163	354,732
City of Pasig	809	397,389	8,709,499	273	211,116	4,710,553	82	179,190	2,862,940
Quezon City	1,276	863,485	11,495,194	802	645,098	6,814,224	127	207,629	3,474,740
City of San Juan	70	47,601	519,631	52	30,053	314,395	15	17,448	199,235
Caloocan City	1,018	310,853	2,660,369	777	164,993	1,386,302	130	140,085	1,092,486
City of Malabon	426	146,655	2,053,059	239	43,797	500,005	77	95,391	1,392,857
City of Navotas	201	23,390	191,977	127	14,709	110,446	11	7,814	49,812
City of Valenzuela	1,394	455,815	3,454,972	1,038	146,570	1,157,972	217	286,955	2,021,166
City of Las Piñas	802	261,173	3,197,716	540	172,899	1,931,951	71	83,429	975,975
City of Makati	1,679	504,254	10,129,383	338	341,656	5,128,362	85	154,778	1,887,974
City of Muntinlupa	299	207,699	4,991,753	128	111,080	1,927,287	62	96,619	1,822,403
City of Parañaque	834	894,645	11,446,129	563	595,132	6,887,609	118	298,808	4,300,662
Pasay City	412	828,668	15,690,012	141	500,025	10,407,398	81	328,171	4,945,351
Pateros	113	15,815	206,982	81	11,542	112,343	9	3,445	66,171
Taguig City	919	409,961	5,621,260	348	287,448	3,087,315	65	120,058	1,585,715

Table 6.9 - concluded

Year/ City/Municipality	Total			Type of Construction					
	Number	Floor Area (in sq. km.)	Value (in '000)	Residential			Non-Residential		
				Number	Floor Area (in sq. km.)	Value (in '000)	Number	Floor Area (in sq. km.)	Value (in '000)
<b>2018</b>									
<b>NCR</b>	<b>2,894</b>	<b>2,118,736</b>	<b>36,438,974</b>	<b>1,526</b>	<b>1,852,305</b>	<b>31,695,509</b>	<b>318</b>	<b>256,780</b>	<b>2,435,869</b>
City of Manila	175	318,516	4,687,922	83	281,840	3,984,130	14	35,410	343,548
City of Mandaluyong	115	535,597	5,344,898	22	531,107	5,086,953	3	3,793	52,520
City of Marikina	113	19,605	280,426	66	13,720	164,629	14	4,689	54,133
City of Pasig	161	93,951	2,308,286	41	82,022	2,039,928	14	11,478	128,326
Quezon City	119	55,934	607,372	84	33,661	327,081	18	22,273	249,476
City of San Juan	18	15,117	231,109	13	11,960	192,314	4	3,157	35,805
Caloocan City	262	56,662	523,355	189	39,659	362,253	48	16,366	132,393
City of Malabon	115	21,298	243,484	76	17,107	176,865	11	3,335	35,689
City of Navotas	80	6,669	59,263	61	5,378	42,214	4	1,291	9,119
City of Valenzuela	368	97,320	753,201	288	36,430	292,818	40	56,372	402,039
City of Las Piñas	208	46,724	598,068	135	35,459	418,690	10	11,265	80,274
City of Makati	390	82,897	1,717,426	71	49,455	708,111	27	33,412	418,500
City of Muntinlupa	124	26,711	293,650	61	20,266	217,600	32	6,445	40,963
City of Parañaque	245	209,757	4,070,507	164	194,111	3,681,653	34	15,646	120,289
Pasay City	114	103,342	1,265,119	38	91,314	1,016,952	16	12,028	96,605
Pateros	34	9,801	101,222	23	6,694	80,985	6	3,107	17,132
Taguig City	253	418,835	13,353,667	111	402,122	12,902,333	23	16,713	219,058



## Chapter 7 Trade

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Data on trade reflect the extent of the inward and outward flow of commodities in an area. The data likewise indicate the commodities that go into the export and import markets are used for domestic or foreign consumption. Proprietors and the managers and executives of private businesses can use the data in identifying markets with high potentials and in making decisions on which commodities to produce and what markets to penetrate. Leaders and implementers in the government, on the other hand, can conceptualize and initiate programs, projects, services and facilities designed to further stimulate trading activities in high yielding areas and/or in those sectors where a demand and supply gap exists. The data are also useful in identifying areas and products that can be improved/promoted for global competitiveness.

This chapter presents data on the value and volume of commodities that enters ports located in the region either for imports or exports and the commodity flow by mode of transport. The Philippine Statistics Authority is the source of the data which are processed from administrative report forms by government agencies involved in the collection of customs and tariff charges, or administration of ports.

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Table 7.1a

**QUANTITY AND VALUE OF DOMESTIC TRADE OUTFLOW BY YEAR, AND BY MODE OF TRANSPORT, NCR: 2000 - 2018**

Year	Total		Mode of Transport					
			Water		Air		Rail	
	Quantity (in tons)	Value (in '000 Pesos)						
2000	3,097,034	99,907,726	3,071,601	98,278,452	24,666	1,602,499	767	26,775
2001	3,067,384	102,333,751	3,047,969	100,765,190	18,690	1,544,702	725	23,859
2002	3,092,329	104,152,328	3,077,174	102,666,432	14,282	1,452,613	873	33,283
2003	2,305,244	78,421,341	2,293,294	77,563,964	11,035	823,028	915	34,349
2004	2,428,148	88,759,716	2,413,089	87,561,235	14,224	1,166,681	835	31,800
2005	2,089,679	78,480,070	2,078,223	77,396,584	11,206	1,072,040	250	11,446
2006	2,062,677	81,220,724	2,053,241	80,528,087	9,354	687,854	82	4,783
2007	2,686,232	116,070,557	2,664,040	114,641,687	22,192	1,428,870	-	-
2008	2,698,546	113,050,801	2,679,641	111,796,834	18,905	1,253,967	-	-
2009	2,657,499	133,372,267	2,628,451	130,533,842	29,048	2,838,425	-	-
2010	2,436,239	118,521,652	2,403,223	115,519,063	33,016	3,002,590	-	-
2011	2,956,768	134,147,397	2,930,339	131,529,207	26,429	2,618,190	-	-
2012	3,438,934	169,449,760	3,412,909	167,451,148	26,025	1,998,612	-	-
2013	4,667,451	230,254,073	4,643,618	228,975,156	23,833	1,278,917	-	-
2014	4,223,878	233,937,124	4,197,995	232,582,226	25,883	1,354,898	-	-
2015	1,529,859	94,180,470	1,505,135	92,766,966	24,724	1,413,503	-	-
2016	1,730,644	131,732,299	1,699,891	129,482,884	30,753	2,249,415	-	-
2017	2,836,655	206,399	1,680,742	127,232,818	6,621	176,278	-	-
2018	3,197,510	215,989,614	3,197,510	215,989,614	19,735	777,962	-	-

Source: Philippine Statistics Authority

Note: '-' means 0

Table 7.1b

**QUANTITY AND VALUE OF DOMESTIC TRADE OUTFLOW BY YEAR, BY QUARTER,  
AND BY MODE OF TRANSPORT, NCR: 2014 - 2018**

Year/ Quarter	Total		Mode of Transport			
	Quantity (in tons)	Value (in '000 Pesos)	Water		Air	
			Quantity (in tons)	Value (in '000 Pesos)	Quantity (in tons)	Value (in '000 Pesos)
<b>2014</b>	<b>3,129,785</b>	<b>172,180,093</b>	<b>3,103,893</b>	<b>170,824,883</b>	<b>25,892</b>	<b>1,355,210</b>
1st Quarter	990,293	49,546,521	984,221	49,228,742	6,072	317,779
2nd Quarter	965,042	57,372,635	958,374	57,020,711	6,668	351,924
3rd Quarter	616,699	37,256,739	609,327	36,871,893	7,372	384,846
4th Quarter	557,751	28,004,198	551,971	27,703,537	5,780	300,661
<b>2015</b>	<b>1,529,859</b>	<b>94,180,470</b>	<b>1,505,135</b>	<b>92,766,966</b>	<b>24,724</b>	<b>1,413,503</b>
1st Quarter	676,958	38,271,936	671,522	37,990,228	5,436	281,708
2nd Quarter	472,528	29,032,149	468,551	28,787,123	3,977	245,026
3rd Quarter	140,765	10,540,312	133,645	10,118,271	7,120	422,040
4th Quarter	239,608	16,336,073	231,417	15,871,344	8,191	464,729
<b>2016</b>	<b>1,730,644</b>	<b>131,732,299</b>	<b>1,699,891</b>	<b>129,482,884</b>	<b>30,753</b>	<b>2,249,415</b>
1st Quarter	369,208	25,338,898	361,538	24,774,919	7,670	563,979
2nd Quarter	385,428	30,998,002	377,361	30,317,775	8,067	680,227
3rd Quarter	397,876	33,848,418	390,634	33,401,744	7,242	446,674
4th Quarter	578,132	41,546,981	570,358	40,988,446	7,774	558,535
<b>2017</b>	<b>1,687,363</b>	<b>127,409,096</b>	<b>1,680,742</b>	<b>127,232,818</b>	<b>6,621</b>	<b>176,278</b>
1st Quarter	388,762	30,972,588	384,047	30,833,391	4,715	139,197
2nd Quarter	406,449	31,644,723	406,449	31,644,723	-	-
3rd Quarter	415,438	31,529,095	413,670	31,493,724	1,768	35,371
4th Quarter	476,714	33,262,690	476,576	33,260,980	138	1,710
<b>2018</b>	<b>3,197,510</b>	<b>215,989,614</b>	<b>3,197,510</b>	<b>215,989,614</b>	<b>19,735</b>	<b>777,962</b>
1st Quarter	536,731	37,623,292	536,731	37,623,292	3,918	122,914
2nd Quarter	904,486	59,432,133	904,486	59,432,133	5,205	246,021
3rd Quarter	863,134	58,753,737	863,134	58,753,737	5,324	194,612
4th Quarter	893,159	60,180,452	893,159	60,180,452	5,288	214,415

Source: Philippine Statistics Authority

Notes: Quarterly data are preliminary.

No rail transactions.

'-' means 0

Table 7.2

**TOTAL VALUE OF DOMESTIC TRADE BALANCE BY YEAR, BY QUARTER, AND BY MODE OF TRANSPORT, NCR: 2014 - 2017**

(in thousand Pesos)

Year	Total			Mode of Transport					
	Outflow	Inflow	Balance	Water			Air		
				Outflow	Inflow	Balance	Outflow	Inflow	Balance
2014									
1st Quarter	49,546,521	32,315,928	17,230,593	49,228,742	32,214,892	17,013,850	317,779	101,036	216,743
2nd Quarter	57,372,635	30,014,557	27,358,078	57,020,711	29,901,231	27,119,480	351,924	113,327	238,597
3rd Quarter	37,256,739	21,784,006	15,472,733	36,871,893	21,671,271	15,200,621	384,846	112,734	272,112
4th Quarter	28,003,886	26,650,738	1,353,148	27,703,537	26,530,231	1,173,306	300,349	120,507	179,842
2015									
1st Quarter	38,271,936	25,523,262	12,748,674	37,990,228	25,389,676	12,600,552	281,708	133,587	148,121
2nd Quarter	29,032,148	21,774,963	7,257,185	28,787,123	21,627,543	7,159,580	245,026	147,420	97,606
3rd Quarter	10,540,312	14,231,240	(3,690,929)	10,118,271	14,079,640	3,961,368	422,040	151,601	270,440
4th Quarter	16,336,072	22,117,971	(5,781,899)	15,871,344	21,957,979	(6,086,635)	464,729	159,993	304,736
2016									
1st Quarter	25,338,898	31,235,980	(5,897,082)	24,774,919	31,054,715	(6,279,796)	563,979	181,265	382,714
2nd Quarter	30,998,002	27,060,190	3,937,812	30,317,775	26,937,517	3,380,258	680,227	122,673	557,554
3rd Quarter	33,848,418	24,638,618	9,209,800	33,401,744	24,500,516	8,901,228	446,674	138,102	308,572
4th Quarter	41,546,981	23,618,731	17,928,250	40,988,446	23,478,694	17,509,752	558,535	140,037	418,498
2017									
1st Quarter	30,972,588	21,114,772	9,857,816	30,833,391	20,958,217	9,875,174	139,197	156,555	(17,358)
2nd Quarter	31,644,723	21,506,543	10,138,180	31,644,723	21,405,268	10,239,455	-	101,275	(101,275)
3rd Quarter	31,529,095	19,601,146	11,927,949	31,493,724	19,469,952	12,023,772	35,371	131,194	(95,823)
4th Quarter	33,262,690	26,383,624	6,879,066	33,260,980	26,268,814	6,992,166	1,710	114,810	(113,100)
2018									
1st Quarter	37,623,292	25,025,765	12,597,527	37,623,292	24,921,582	12,701,710	-	104,183	(104,183)
2nd Quarter	59,432,133	27,388,217	32,043,916	59,432,133	27,166,369	32,265,764	-	221,848	(221,848)
3rd Quarter	58,753,737	20,934,530	37,819,207	58,753,737	20,760,811	37,992,926	-	173,719	(173,719)
4th Quarter	60,180,452	18,404,698	41,775,754	60,180,452	18,210,122	41,970,330	60,180,452	18,210,122	41,970,330

Source: Philippine Statistics Authority

Note: Details may not add up due to rounding off.

'-' means 0

Table 7.3

**VALUE OF COMMODITY FLOW IN NCR BY REGION OF DESTINATION, BY MODE OF TRANSPORT, AND BY YEAR, PHILIPPINES: 2016 AND 2017**

(in thousand Pesos)

Region of Destination	Total		Mode of Transport			
			Water		Air	
	2017	2016	2017	2016	2017	2016
NCR	27	42	27	42	-	-
CAR	-	10	-	-	-	10
I Ilocos Region	760	17,259	-	-	760	17,259
II Cagayan Valley	-	85	-	-	-	85
III Central Luzon		100		100	-	-
IVA CALABARZON	4,901,325	2,720	4,901,325	2,720		
MIMAROPA Region	9,640,465	14,312,986	9,640,449	14,312,937	16	49
V Bicol Region	96,199	23,388	61,614	23,168	24	220
VI Western Visayas	51,070,332	64,852,401	50,990,123	64,386,568	34,585	465,833
VII Central Visayas	58,368,468	85,387,282	58,368,442	84,365,205	80,209	1,022,077
VIII Eastern Visayas	6,352,026	2,182,609	6,352,018	2,182,073	26	536
IX Zamboanga Peninsula	10,600,119	17,048,773	10,600,111	17,048,220	8	553
X Northern Mindanao	35,475,662	53,960,432	35,427,521	53,948,949	21	11,483
XI Davao Region	16,730,865	21,550,467	16,715,856	20,988,160	48,141	562,307
XII SOCCSKSARGEN	5,545,371	6,260,771	5,545,223	6,008,598	15,009	252,173
Caraga	7,617,820	9,822,809	7,617,812	9,813,731	148	9,078
ARMM	8	218,644		218,371	8	273

Source: Philippine Statistics Authority, CFP 2016 and 2017

Note: Details may not add up due to rounding off.

(-) means no transaction

Table 7.4

**VALUE OF COMMODITY FLOW IN NCR BY REGION OF ORIGIN, BY MODE OF TRANSPORT, AND BY YEAR, PHILIPPINES: 2016 AND 2017**

(in thousand Pesos)

Region of Destination	Total		Mode of Transport			
			Water		Air	
	2017	2016	2017	2016	2017	2016
National Capital Region	27	42	27	42	-	-
Cordillera Administrative Region	-	-	-	-	-	-
I Ilocos Region	-	-	-	-	-	-
II Cagayan Valley	-	-	-	-	-	-
III Central Luzon	22,403,947	26,844,225	22,403,947	26,844,225	-	-
IVA CALABARZON	8,623	11,873	8,623	11,873	-	-
MIMAROPA Region	691,788	1,753,998	654,704	1,739,556	37,084	14,442
V Bicol Region	179,383	393,504	176,350	382,202	3,033	11,302
VI Western Visayas	25,589,802	22,998,825	25,253,616	22,492,715	336,186	506,110
VII Central Visayas	8,990,318	9,834,838	8,923,428	9,782,228	66,890	52,610
VIII Eastern Visayas	478,820	235,435	478,347	232,023	473	3,412
IX Zamboanga Peninsula	2,140,089	3,302,687	2,133,409	3,285,994	6,680	16,693
X Northern Mindanao	6,377,941	7,745,208	6,359,282	7,742,415	18,659	2,793
XI Davao Region	11,623,873	24,501,993	11,609,237	24,501,993	14,636	-
XII SOCCSKSARGEN	7,559,998	10,044,574	7,535,500	10,033,763	24,498	10,811
Caraga	3,118,598	3,158,825	3,118,598	3,158,825	-	-
ARMM	1,655,231	765,829	1,655,231	765,829	-	-

Source: Philippine Statistics Authority, CFP 2016 and 2017

Note: Details may not add up due to rounding off.

(-) means no transaction

Table 7.5

**COMMODITY FLOW FROM THE NCR BY COMMODITY SECTION, AND BY MODE OF TRANSPORT, NCR: 2013**

(in thousand Pesos)

<b>Commodity Section</b>	<b>Total</b>	<b>Water</b>	<b>Air</b>
Food and Live Animals	66,355,310	66,233,401	121,909
Beverages and Tobacco	22,753,473	22,748,663	4,810
Crude Materials, Inedible, Except Fuels	1,385,674	1,376,241	9,433
Mineral Fuels, Lubricants and Related Materials	2,167,485	2,166,249	1,236
Animal and Vegetable Oils, Fats and Waxes	105,340	105,312	28
Chemical and Related Products, n. e. s.	21,340,543	21,084,132	256,411
Manufactured Goods Classified Chiefly by Material	52,017,962	51,886,957	131,005
Machinery and Transport Equipment	31,761,288	31,433,304	327,984
Miscellaneous Manufactured Articles	27,188,777	26,810,779	377,999
Commodities and Transactions not classified elsewhere in the PSCC	5,178,262	5,130,118	48,144

*Source: Philippine Statistics Authority*

Table 7.6

**NUMBER OF PASSENGERS BY PORT OF ORIGIN, AND BY YEAR, NCR: 2013 – 2017**

<b>Port of Origin</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Manila (First District) North Harbor	418,111	504,770	538,425	568,714	629,654

*Source: Philippine Statistics Authority*

Table 7.7

**QUANTITY, VALUE AND FREIGHT REVENUE OF AIR TRADE IN NCR BY REGION OF DESTINATION: 2017**

<b>Region of Destination</b>	<b>Quantity (in tons)</b>	<b>Total Value (in '000 Pesos)</b>	<b>Total Freight Revenue (in '000 Pesos)</b>
NCR	-	-	-
CAR	*	*	1
I Ilocos Region	50	760	1,145
II Cagayan Valley	-	-	-
III Central Luzon	-	-	-
IVA CALABARZON	-	-	-
MIMAROPA Region	1	16	17
V Bicol Region	*	24	9
VI Western Visayas	1,714	34,585	45,749
VII Central Visayas	2,436	80,209	73,926
VIII Eastern Visayas	*	26	19
IX Zamboanga Peninsula	1	8	31
X Northern Mindanao	2	21	64
XI Davao Region	1,728	48,141	64,102
XII SOCCSKSARGEN	785	15,009	26,110
Caraga	12	148	310
ARMM	1	8	26

Source: Philippine Statistics Authority, CFP 2017

Note: (-) means no transaction

(\*) less than 0.5

Table 7.8a

**QUANTITY OF AIR TRADE IN NCR BY REGION OF DESTINATION, AND BY COMMODITY SECTION, PHILIPPINES: 2017**

(in tons)

Region of Destination	Commodity Section									
	Food and live animals	Beverages and tobacco	Crude materials, inedible, except fuels	Mineral fuels, lubricants and related materials	Animals and vegetable oils, fats and waxes	Chemicals and related products, n.e.c.	Manufactured goods classified chiefly by material	Machinery and transport equipment	Miscellaneous manufactured articles	Commodities and transactions not classified elsewhere in the PSCC
NCR	-	-	-	-	-	-	-	-	-	-
CAR	-	-	-	-	-	*	-	-	-	-
I Ilocos Region	3	-	*	-	-	5	-	2	20	20
II Cagayan Valley	-	-	-	-	-	-	-	-	-	-
III Central Luzon	-	-	-	-	-	-	-	-	-	-
IVA CALABARZON	-	-	-	-	-	-	-	-	-	-
MIMAROPA Region	*	-	-	1	-	-	-	-	*	-
V Bicol Region	*	-	-	-	-	-	-	-	-	-
VI Western Visayas	188	5	6	*	*	176	37	299	613	387
VII Central Visayas	272	9	37	1	*	303	107	426	862	420
VIII Eastern Visayas	*	-	-	-	-	-	-	*	*	-
IX Zamboanga Peninsula	*	-	-	-	-	-	-	-	*	1
X Northern Mindanao	*	-	-	-	-	*	-	-	1	-
XI Davao Region	305	5	9	*	*	198	47	280	605	279
XII SOCCSKSARGEN	100	3	18	4	-	103	29	141	217	168
Caraga	*	-	-	-	-	5	-	*	7	*
ARMM	*	-	-	-	-	*	-	*	1	-

Source: Philippine Statistics Authority, CFP 2017

Note: (-) means no transaction

(\*) less than 0.5

Table 7.8b

**VALUE OF AIR TRADE IN NCR BY REGION OF DESTINATION, AND BY COMMODITY SECTION: 2017**

(in thousand Pesos)

Region of Destination	Commodity Section									
	Food and live animals	Beverages and tobacco	Crude materials, inedible, except fuels	Mineral fuels, lubricants and related materials	Animals and vegetable oils, fats and waxes	Chemicals and related products, n.e.c.	Manufactured goods classified chiefly by material	Machinery and transport equipment	Miscellaneous manufactured articles	Commodities and transactions not classified elsewhere in the PSCC
NCR	-	-	-	-	-	-	-	-	-	-
CAR	-	-	-	-	-	*	-	-	-	-
I Ilocos Region	190	-	*	-	-	111	-	132	226	101
II Cagayan Valley	-	-	-	-	-	-	-	-	-	-
III Central Luzon	-	-	-	-	-	-	-	-	-	-
IVA CALABARZON	-	-	-	-	-	-	-	-	-	-
MIMAROPA Region	11	-	-	5	-	-	-	-	*	-
V Bicol Region	24	-	-	-	-	-	-	-	-	-
VI Western Visayas	5,755	941	254	51	20	3,975	1,781	7,575	10,718	3,514
VII Central Visayas	6,855	137	2,032	103	3	8,178	6,378	23,129	28,602	4,793
VIII Eastern Visayas	23	-	-	-	-	-	-	*	3	-
IX Zamboanga Peninsula	7	-	-	-	-	-	-	-	2 *	-
X Northern Mindanao	20	-	-	-	-	*	-	-	1	-
XI Davao Region	6,250	95	735	21	5	5,209	3,197	12,210	16,981	3,436
XII SOCCSKSARGEN	2,182	221	133	106	-	2,288	1,460	4,290	3,357	972
Caraga	3	-	-	-	-	100	-	38	7	1
ARMM	1	-	-	-	-	1	-	1	5	-

Source: Philippine Statistics Authority, CFP 2017

Note: (-) means no transaction

(\*) less than 0.5

Table 7.8c

**FREIGHT REVENUE OF AIR TRADE IN NCR BY REGION OF DESTINATION, AND BY COMMODITY SECTION, NCR: 2017**

(in thousand Pesos)

Region of Destination	COMMODITY SECTION									
	Food and live animals	Beverages and tobacco	Crude materials, inedible, except fuels	Mineral fuels, lubricants and related materials	Animals and vegetable oils, fats and waxes	Chemicals and related products, n.e.c.	Manufactured goods classified chiefly by material	Machinery and transport equipment	Miscellaneous manufactured articles	Commodities and transactions not classified elsewhere in the PSCC
NCR	-	-	-	-	-	-	-	-	-	-
CAR	-	-	-	-	-	1	-	-	-	-
I Ilocos Region	97	-	2	-	-	125	-	75	369	478
II Cagayan Valley	-	-	-	-	-	-	-	-	-	-
III Central Luzon	-	-	-	-	-	-	-	-	-	-
IVA CALABARZON	-	-	-	-	-	-	-	-	-	-
MIMAROPA Region	4	-	-	12	-	-	-	-	1	-
V Bicol Region	9	-	-	-	-	-	-	-	-	-
VI Western Visayas	5,324	160	219	17	3	4,653	1,137	8,151	15,992	10,093
VII Central Visayas	7,641	204	1,294	41	4	8,315	3,429	13,164	28,981	10,852
VIII Eastern Visayas	9	-	-	-	-	-	-	4	5	-
IX Zamboanga Peninsula	4	-	-	-	-	-	-	-	1	25
X Northern Mindanao	10	-	-	-	-	12	-	-	42	-
XI Davao Region	9,938	167	591	10	10	7,768	2,031	11,154	22,539	9,894
XII SOCCSKSARGEN	3,677	278	641	107	-	3,304	959	5,038	7,020	5,085
Caraga	1	-	-	-	-	141	-	20	147	1
ARMM	*	-	-	-	-	3	-	1	23	-

Source: Philippine Statistics Authority, CFP 2017

Note: (-) means no transaction

(\*) less than 0.5





## Chapter 8 Tourism

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Data on tourism provide a panorama of the region as a tourist destination. The significance of the picture presented by the data manifests the importance accorded to the tourism industry by both national and local leaders. Specifically, tourism has become a twin source of foreign exchange receipts and livelihood and employment opportunities for communities. Data on the industry are therefore essential in providing vital links in the development and orchestration of campaigns aimed at promoting the potentials of the region as a tourist hideaway. Local leaders can put up infrastructure programs and institute policies and regulations that will boost the inflow of visitors. Investors, on the other hand, can take the signals by developing tourist and recreational sites and putting up establishments and amenities. In concrete terms, the data likewise provide a quantitative measure of the result of programs that promote the area as a traveler's destination and the industry's contributions to the economic performance of the area.

This chapter presents regional and/or city/municipal data on the visitor arrivals and their countries of residence/origin and the number of hotel and hotel rooms and other accommodation establishments. The data source is the Department of Tourism.

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Table 8.1

**NUMBER OF ACCREDITED TOURISM ENTERPRISE BY CITY/MUNICIPALITY AND TYPE, NCR: 2015**

City/Municipality	Establishment Type							
	Hotel	Medical Concierge	Meetings, Conventions and Exhibit Facility	Meetings, Conventions and Exhibit Organizers	Spa	Pension House	Restaurant	Specialty Shop
<b>NCR</b>	101	2	3	1	1	2	67	5
City of Manila	30	-	-	-	-	-	12	1
City of Mandaluyong	4	1	-	-	1	1	2	-
City of Marikina	-	-	-	-	-	-	-	-
City of Pasig	10	-	-	-	-	-	2	-
Quezon City	7	-	-	-	-	-	5	-
City of San Juan	-	-	-	-	-	-	-	-
Caloocan City	-	-	-	-	-	-	-	-
City of Malabon	-	-	-	-	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	-	-	-	-	-	-	-	-
City of Las Piñas	-	-	-	-	-	-	1	-
City of Makati	22	1	-	-	-	1	25	3
City of Muntinlupa	5	-	-	1	-	-	5	1
City of Parañaque	6	-	-	-	-	-	2	-
Pasay City	15	-	3	-	-	-	4	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	2	-	-	-	-	-	9	-

Source: Department of Tourism

Note: "-" means no data

Table 8.1 - concluded

City/Municipality	Establishment Type							
	Tertiary Hospital	Tourism Entertainment Complex	Tourism Recreation	Travel and Tour Agency	Tourism Training Center	Tourist Inn	Tourist Land Transport Operator	Tourist Water Transport Operator
<b>NCR</b>	2	2	2	260	4	6	85	1
City of Manila	-	-	-	99	-	1	11	-
City of Mandaluyong	-	-	-	7	2	-	2	-
City of Marikina	-	-	-	2	-	-	3	-
City of Pasig	-	-	-	9	-	-	2	-
Quezon City	1	-	1	33	-	-	11	-
City of San Juan	-	-	-	1	-	-	2	-
Caloocan City	-	-	-	3	-	-	1	-
City of Malabon	-	-	-	-	-	-	-	-
City of Navotas	-	-	-	-	-	-	-	-
City of Valenzuela	-	-	-	1	-	-	1	-
City of Las Piñas	-	-	-	2	-	-	1	-
City of Makati	-	-	-	59	1	1	6	1
City of Muntinlupa	1	-	-	6	1	-	2	-
City of Parañaque	-	1	-	15	-	2	23	-
Pasay City	-	-	-	17	-	2	18	-
Pateros	-	-	-	-	-	-	-	-
Taguig City	-	1	1	6	-	-	2	-

Source: Department of

Table 8.2

**NUMBER OF TOURIST ATTRACTION BY CITY/MUNICIPALITY, NCR: 2015**

City/Municipality	Total Number of Tourist Attractions	Cultural/ Historical	Shopping Centers	Man-made/ Entertainment	Convention Centers	Nature
<b>NCR</b>	<b>97</b>	<b>41</b>	<b>19</b>	<b>28</b>	<b>2</b>	<b>8</b>
City of Manila	22	16	3	3	-	-
City of Mandaluyong	2	-	2	-	-	-
City of Marikina	6	2	-	3	-	1
City of Pasig	7	1	1	5	-	-
Quezon City	17	7	-	5	-	5
City of San Juan	1	-	1	-	-	-
Caloocan City	-	-	-	-	-	-
City of Malabon	2	1	-	1	-	-
City of Navotas	-	-	-	-	-	-
City of Valenzuela	2	2	-	-	-	-
City of Las Piñas	2	1	-	1	-	-
City of Makati	4	1	4	-	-	-
City of Muntinlupa	5	3	-	1	-	1
City of Parañaque	4	1	-	2	-	1
Pasay City	11	4	3	2	2	-
Pateros	1	-	-	1	-	-
Taguig City	11	2	5	4	-	-

Source: Department of Tourism

Table 8.3a

**NUMBER OF HOTEL AND AVAILABLE ROOM BY HOTEL CLASSIFICATION, AND BY YEAR, NCR: 2014 - 2015**

Hotel Classification	Number of Hotels		Available Rooms	
	2015	2014	2015	2014
<b>NCR</b>	85	80	16,352	15,461
Deluxe	22	21	8,770	8,403
First Class	8	8	1,661	1,615
Standard*	46	43	5,435	5,011
Economy	9	8	486	432

Source: Department of Tourism

Note: \*Includes DOT accredited and non accredited hotels.

Table 8.3b

**AVERAGE OCCUPANCY RATE AND LENGTH OF STAY BY HOTEL CLASSIFICATION, AND BY YEAR, NCR: 2014 - 2015**

Hotel Classification	Average Occupancy Rate (%)		Average Length of Stay (in nights)	
	2015	2014	2015	2014
<b>NCR</b>	66.95	67.21	2.39	2.46
Deluxe	71.60	71.11	2.71	2.74
First Class	59.09	58.83	2.19	2.14
Standard*	62.51	63.96	2.42	2.51
Economy	60.14	59.73	1.57	1.65

Source: Department of Tourism

Note: \*Includes DOT accredited and non accredited hotels.

Table 8.4

**DISTRIBUTION OF TRAVELLER BY YEAR, AND BY TYPE, NCR: 2010 - 2018**

Year	Total	Type of Traveller		
		Foreign Travellers	Overseas Filipinos	Domestic Travellers
2010	<b>2,296,475</b>	1,465,405	15,466	815,604
2011	<b>2,727,457</b>	1,704,600	25,262	997,595
2012	<b>2,442,662</b>	1,513,402	20,048	909,212
2013	<b>2,605,706</b>	1,739,217	11,974	854,515
2014	<b>1,871,239</b>	1,114,737	8,123	748,379
2015	<b>1,417,075</b>	848,152	168	568,755
2016	<b>494,683</b>	245,138	-	249,545
2017	<b>716,807</b>	321,040	3,706	392,061
2018	<b>626,168</b>	286,858	789	338,521

Source: Department of Tourism

Table 8.5

**VOLUME OF TOURIST BY YEAR, AND BY DESTINATION, NCR: 2010 - 2013**

Year	Total	Destination	
		Foreign	Domestic
2010	2,296,475	1,480,871	815,604
2011	2,727,457	1,729,862	997,595
2012	2,442,662	1,513,402	929,260
2013	2,605,706	1,751,191	854,515

Source: Department of Tourism

Table 8.6

**DISTRIBUTION OF OVERNIGHT TRAVELLER BY COUNTRY OF RESIDENCE, AND BY YEAR, NCR: 2015 - 2016**

Country of Residence	NCR	
	2016	2015
Philippine Residents		
Filipino Nationality	217,474	568,755
Foreign Nationality	32,607	-
Total Philippine Residents	250,081	568,755
Non-Philippine Residents		
Asia		
Asean	20,385	94,852
Brunei	45	1,168
Cambodia	91	571
Indonesia	1,619	7,784
8	42	420
Malaysia	5,224	29,925
Myanmar	168	564
Singapore	8,993	36,213
Thailand	3,316	14,365
Vietnam	887	3,842
East Asia	116,830	415,174
China	37,334	131,311
Hongkong	2,041	8,713
Japan	32,126	129,839
Korea	43,506	136,999
Taiwan	1,823	8,312
Bangladesh	84	1,286
India	8,158	24,605
Iran	101	639
Nepal	53	339
Pakistan	165	6,205
Sri Lanka	147	745
Middle East	1,052	16,999
Bahrain	142	5,296
Egypt	98	949
Israel	268	1,574
Jordan	32	429
Kuwait	69	3,357
United Arab Emirates	443	5,394
America	44,534	126,173
North America	44,109	124,587
Canada	2,355	9,702
Mexico	617	754
Usa	41,137	114,131
South America	425	1,586
Argentina	98	262
Brazil	145	635
Colombia	170	296
Peru	-	294
Venezuela	12	99

Source: Department of Tourism

Note: \*Philippine passport holders permanently residing abroad; excludes OFWs.

\*Partial Report

Table 8.6 - concluded

Country of Residence	NCR	
	2016	2015
Europe		
Western Europe	<b>7,564</b>	<b>25,107</b>
Austria	469	1,570
Belgium	400	1,719
France	1,893	5,717
Germany	2,918	8,397
Luxembourg	-	360
Netherlands	1,316	3,011
Switzerland	568	4,333
Northern Europe	<b>5,798</b>	<b>25,183</b>
Finland	196	883
Ireland	711	2,682
Norway	241	2,285
Sweden	450	1,970
United Kingdom	3,843	14,534
Southern Europe	<b>2,538</b>	<b>7,438</b>
Greece	84	525
Italy	1,286	3,850
Portugal	66	453
Spain	1,045	2,436
Union Of Serbia And Montenegro	57	174
Eastern Europe	<b>1,034</b>	<b>2,433</b>
Commonwealth Of Independent St	71	95
Poland	723	717
Russia	240	1,621
Australasia/Pacific	<b>6,774</b>	<b>35,561</b>
Australia	5,762	31,332
Guam	80	774
Nauru	-	38
New Zealand	803	2,636
Papua New Guinea	129	781
Africa	<b>251</b>	<b>3,352</b>
Nigeria	48	217
South Africa	203	3,135
Others And Unspecified		
Residences	<b>26,808</b>	<b>35,893</b>
Total Non-Philippine Residents	<b>244,648</b>	<b>848,152</b>
Overseas Filipinos*	-	<b>168</b>
Grand Total Guest Arrivals	<b>744,810</b>	<b>1,417,075</b>
Total Philippine Residents	<b>250,081</b>	<b>568,755</b>
Total Non-Philippine Residents	<b>494,729</b>	<b>848,152</b>
Total Overseas Filipinos	-	<b>168</b>

Table 8.7

**NUMBER AND PERCENT DISTRIBUTION OF DEMOGRAPHIC AND TRAVEL CHARACTERISTICS OF DOMESTIC TRAVELLERS DURING THE PAST SIX MONTHS BY ITEM, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Number and Percent	
	Philippines	Select NCR Cities
<b>Population 15 years old and over (in thousands)</b>	71,430	5,283
<b>Total</b> (in percent)	100	100
Travelled within the country	58.9	64.9
Did not travel within the country	41.1	35.1
<b>thousands)</b>	42,097	3,427
<b>Sex</b> (in percent)		
<b>Both Sexes</b>	100	100
Male	48.2	47.1
Female	51.8	52.9
<b>Age group</b> (in percent)		
<b>Total</b>	100	100
15 to 24 years old	27.9	24.2
25 to 34 years old	24.1	26
35 to 44 years old	18.6	21.3
45 to 54 years old	14.6	14.1
55 to 64 years old	8.9	9.2
65 and over	5.9	5.2
<b>Median age of travellers</b> (in years)	34	34
<b>Trips made</b> (in thousands)	91,212	7,780
<b>Total</b> (in percent)	100	100
Independent trip	99.1	99
Package tour	0.9	1
<b>Average number of trips per traveller</b> (in number of days)	2	2

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

A traveller may report more than one trip and more than one travel arrangement.

Table 8.8

**NUMBER, PERCENT AND AVERAGE EXPENDITURE OF INDEPENDENT TRAVELLERS IRRESPECTIVE OF PURPOSE AND INDEPENDENT TRAVELLERS WITH PLEASURE OR VACATION AS MAIN PURPOSE OF RECENT TRIP DURING THE PAST SIX MONTHS BY ITEM, AND BY MAIN PURPOSE OF MOST RECENT TRIP, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Main Purpose of Most Recent Trip			
	Irrespective of Main Purpose of Most Recent Trip		Pleasure or Vacation	
	Number and Percentage	Average Expenditures (in Php)	Number and Percentage	Average Expenditures (in Php)
<b>Travellers with expenses during the most recent trip (in thousands)</b>	<b>28,921</b>		<b>12,000</b>	
<b>Expenditure item (in percent)</b>				
Transportation from origin to destination	79.0	476	75.7	404
Local Transport	22.8	335	20.5	245
Local transport (air)	0.2	5,969	0.1	5,179
Local transport (land)	20.6	236	19.0	190
Local transport (water)	2.1	859	1.5	706
Accommodation	2.5	2,154	3.8	2,361
Food and beverage	42.1	468	49.1	557
Sightseeing/Guided tour	0.6	783	1.1	704
Entertainment and recreation	3.3	420	7.1	414
Shopping	55.1	1,037	67.9	1,154
Others	5.8	1,205	5.4	781

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

A domestic traveller may report more than one expenditure item; hence, percentages do not necessarily sum up to 100.

Average expenditure was calculated only for travellers who incurred expenses during the most recent trip.

Table 8.9

**NUMBER, PERCENT AND AVERAGE EXPENDITURE OF PACKAGE TOUR TRAVELLERS IRRESPECTIVE OF PURPOSE AND PACKAGE TOUR TRAVELLER WITH PLEASURE OR VACATION OR AS MAIN PURPOSE OF MOST RECENT TRIP DURING THE PAST SIX MONTHS BY ITEM, AND BY MAIN PURPOSE OF MOST RECENT TRIPS, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Main Purpose of Most Recent Trip			
	Irrespective of Main Purpose of Most Recent Trip		Pleasure or Vacation	
	Number and Percent	Average Expenditure (in Php)	Number and Percent	Average Expenditure (in Php)
<b>Package tour travellers (in thousands)</b>	<b>694</b>		<b>315</b>	
Travellers who paid for their most recent package tour (in thousands)	250		125	
<b>Total number of persons paid for during the most recent package tour (in thousands)</b>	<b>475</b>	<b>4,283</b>	<b>269</b>	<b>4,052</b>
Average number of persons paid for during the most recent package tour	2		2	
Travellers who spent additional expenses during the most recent package tour (in thousands)	447		208	
<b>Expenditure item</b>				
Transportation from Origin to Destination	11.1	2,027	18.0	2,449
Local transport	9.2	1,182	13.0	1,704
Air Local transport	0.5	13,501	1.0	16,048
Land Local transport	8.7	462	12.0	680
Water Local transport	-	-	-	-
Accommodation	6.3	7,245	13.0	7,715
Food and beverage	39.8	1,325	53.0	1,685
Sightseeing/ guided tour	4.4	533	5.0	573
Entertainment and recreation	7.9	1,364	7.0	1,151
Shopping	89.6	1,489	87.0	1,947
Others	3.1	384	5.0	188

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

A domestic traveller may report more than one expenditure item; hence, percentages do not necessarily sum up to 100.

Average expenditure was calculated only for travellers who incurred expenses during the most recent trip.

Table 8.10

**TOP 10 PLACES VISITED BY DOMESTIC TRAVELLERS WITH PLEASURE OR VACATION AS MAIN PURPOSE OF MOST RECENT TRIP DURING THE PAST SIX MONTHS BY ITEM, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Number and Percent
<b>Philippines</b>	
<b>Total domestic travellers (in thousands)</b>	<b>39,732</b>
NCR (in percent)	15
Negros Occidental (in percent)	6.9
Pangasinan (in percent)	4.6
Cavite (in percent)	4.3
Quezon (in percent)	4.1
Bohol (in percent)	4.1
Cebu (in percent)	3.7
Camarines Sur (in percent)	3.7
Laguna (in percent)	3.4
Leyte (in percent)	3
<b>Select NCR Cities</b>	
<b>Total domestic travellers (in thousands)</b>	<b>3,629</b>
NCR (in percent)	69.1
Laguna (in percent)	3.3
Cavite (in percent)	3.3
Rizal (in percent)	3.2
Bulacan (in percent)	3.1
Batangas (in percent)	3
Benguet (in percent)	1.9
Zambales (in percent)	1.4
Pangasinan (in percent)	1.2
Quezon (in percent)	1
Other Provinces/Areas (in percent)	9.8

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

Table 8.11

**DEMOGRAPHIC AND TRAVEL CHARACTERISTICS OF OUTBOUND TRAVELLERS DURING THE PAST SIX MONTHS BY ITEM, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Number and Percent	
	Philippines	Select NCR Cities
<b>Population 15 years old and over</b> (in thousands)	<b>71,430</b>	<b>5,283</b>
<b>Total</b> (in percent)	<b>100</b>	<b>100</b>
Travelled abroad	0.3	0.9
Did not travel abroad	99.7	99.1
<b>Population 15 years old and over who traveled outside the country</b> (in thousands)	<b>245</b>	<b>46</b>
<b>Sex</b>		
<b>Both Sexes</b> (in percent)	<b>100</b>	<b>100</b>
Male	49.9	43.3
Female	50.1	56.7
<b>Age group</b>		
<b>Total</b> (in percent)	<b>100</b>	<b>100</b>
15 to 24 years old	7.7	8.7
25 to 34 years old	20.4	17.6
35 to 44 years old	23	27.9
45 to 54 years old	16.4	23.8
55 to 64 years old	22	10.8
65 and over	10.5	11.4
<b>Median age of travellers</b> (in years)	<b>45</b>	<b>46</b>
<b>Total number of outbound trips</b>	<b>259</b>	<b>52</b>
<b>Main purpose of trip</b> (in percent)		
Pleasure/ Vacation	51.4	49
Business/ Professional work	7.3	13.7
Visit friends or relatives	24.5	22.6
M.I.C.E (Meetings, Incentives, Conferences and Exhibits)	3.7	0.5
Study/ Training/ Exchange Program	6.1	4
Official Government Mission	0.5	2.6
Medical/Health reasons	1	4.9
Religion/ Pilgrimage	2.9	2.1
Others	2.6	0.5
<b>Top 5 countries visited (Philippines)</b> (in percent)		
China	28.1	
Malaysia	10.7	
Japan	9.7	
United States of America	9.5	
Singapore	8.3	
Other Countries	33.7	
<b>Top 5 countries visited (Select NCR Cities)</b> (in percent)		
China		28.3
Singapore		11.8
Japan		7.8
Malaysia		7.8
United States of America		7.6
Other Countries		36.7
<b>Average length of stay</b>	<b>17</b>	<b>17</b>
<b>Average expenditure per traveller</b>	<b>50,772</b>	<b>44,473</b>
<b>Average number of trips per traveller</b>	<b>1</b>	<b>1</b>

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

A traveller may report more than one trip and more than one travel arrangement.

Table 8.12

**NUMBER AND PERCENT DISTRIBUTION OF DOMESTIC TRAVELLERS BY CLASSIFICATION OF VISITOR AND LENGTH OF STAY IN PLACES VISITED IN THE MOST RECENT TRIP DURING THE PAST SIX MONTHS BY ITEM, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Number and Percent	
	Philippines	Select NCR Cities
<b>Domestic travellers</b> (in thousands)	<b>42,097</b>	<b>3,427</b>
<b>Places visited</b> (in thousands)	<b>44,355</b>	<b>3,549</b>
<b>Classification of visitor</b>		
<b>Total</b> (in percent)	<b>100</b>	<b>100</b>
Overnight visitor	30.7	24.1
Day visitor	69.3	75.9
<b>Travelers who stayed overnight</b> (in thousands)	<b>13,626</b>	<b>855</b>
<b>Length of Stay</b> (in percent)		
One night	36.3	33.1
2-3 nights	37.6	40.8
4-5 nights	7.5	7.4
6-7 nights	8.8	11
8-14 nights	4.5	3
15-30 nights	3.8	3.8
More than 30 nights	1.5	0.9
<b>Average length of stay</b> (In number of nights)	<b>5</b>	<b>4</b>

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

Table 8.13

**NUMBER AND PERCENT DISTRIBUTION OF HOUSEHOLD THAT RECEIVED DAY AND OVERNIGHT VISITORS AND HOUSEHOLD THAT RECEIVED OVERNIGHT VISITORS BY TYPE FOR THE PAST SIX MONTHS BY ITEM, PHILIPPINES AND SELECT NCR CITIES: 2016**

Item	Number and Percent	
	Philippines	Select NCR Cities
<b>Households that Received Visitors</b>	<b>15,251</b>	<b>1,070</b>
Day visitors only (in percent)	61.3	69.8
Overnight visitors only (in percent)	11.8	10.6
Both day and overnight visitors (in percent)	26.9	19.5
<b>Households that Received Overnight Visitors<sup>1</sup></b>	<b>5,906</b>	<b>323</b>
Foreigners (in percent)	2.8	2.3
Filipinos residing abroad (in percent)	2.7	3.7
Foreigners residing in the Philippines (in percent)	1.6	3.3
Filipinos (in percent)	93.3	92.2

Source: Philippine Statistics Authority and Department of Tourism, 2016 Household Survey on Domestic Visitors

Notes: Past six months covers the period April to September 2016.

The select cities in NCR are City of Manila, Quezon City, Mandaluyong City, Caloocan City and Parañaque City.

A traveller may report more than one trip and more than one travel arrangement.

<sup>1</sup>: Applies only to most recent overnight visitors; A household may report more than one type of overnight visitor; hence,



## Chapter 9 **Vital, Health and Nutrition**

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Data on vital health and nutrition are key inputs to programs aimed at providing the basic minimum services to the citizenry. The health and nutrition status of the people are an utmost concern of local governance. The focus of current development efforts is towards extending better services and expanding the delivery system. This is anchored on the concept that no individual should be deprived of the right to health care. Furthermore, the strength and wellbeing of the people influence their capabilities to engage in various economic endeavors. The health and nutrition status of the population should therefore be a priority in public service and resolved immediately so as to truly empower the people, an objective of growth and development. These concerns and objectives necessitate the provision of the data as bases in the delivery of services catering to the health and nutritional requirements of individuals.

This chapter presents statistics for the region and its cities/municipalities on the registration of vital events occurring in the areas. It includes number of births and deaths including infant, fetal and maternal deaths, and leading causes of mortality. This chapter likewise contains data on health facilities, bed to population ratio of hospitals and health workers. Meanwhile, the data on health and nutrition presented include the nutritional status of children and leading causes of morbidity. The data are sourced from the Philippine Statistics Authority (PSA), Department of Health (DOH) and National Nutrition Council (NNC).

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**NUMBER AND RATIO TO THE POPULATION OF GOVERNMENT HOSPITAL BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2017**

City/Municipality	2014			2015			2016			2017		
	Population	Government		Population	Government		Population	Government		Population	Government	
		No.	Ratio									
<b>NCR</b>	<b>12,753,073</b>	<b>47</b>	<b>1: 271,342</b>	<b>12,977,075</b>	<b>48</b>	<b>1: 270,356</b>	<b>13,205,216</b>	<b>49</b>	<b>1: 269,494</b>	<b>12,918,977</b>	<b>48</b>	<b>1: 269,145</b>
City of Manila	1,675,728	11	1: 152,339	1,681,250	11	1: 152,841	1,686,621	12	1: 140,552	1,785,917	11	1: 162,357
City of Mandaluyong	345,515	2	1: 172,758	350,528	2	1: 175,264	355,590	2	1: 177,795	387,528	2	1: 193,764
City of Marikina	440,433	1	1: 440,433	443,773	1	1: 443,773	447,099	1	1: 447,099	452,201	1	1: 452,201
City of Pasig	754,430	3	1: 251,477	775,462	3	1: 258,487	797,054	3	1: 265,685	757,747	3	1: 252,583
Quezon City	3,047,538	14	1: 217,681	3,118,511	14	1: 222,751	3,190,989	14	1: 227,928	2,945,629	13	1: 226,587
City of San Juan	122,747	1	1: 122,747	123,013	1	1: 123,013	123,266	1	1: 123,266	122,576	1	1: 122,576
Caloocan City	1,645,675	2	1: 822,838	1,683,624	2	1: 841,812	1,722,366	2	1: 861,183	1,589,110	2	1: 794,555
City of Malabon	360,325	1	1: 360,325	361,596	1	1: 361,596	362,836	1	1: 362,836	366,709	2	1: 183,355
City of Navotas	257,953	-	-	259,805	1	1: 259,805	261,648	1	1: 261,648	250,271	1	1: 250,271
City of Valenzuela	619,232	1	1: 619,232	629,448	1	1: 629,448	639,790	1	1: 639,790	622,432	1	1: 622,432
City of Las Piñas	590,964	1	1: 590,964	599,852	1	1: 599,852	608,833	1	1: 608,833	590,802	1	1: 590,802
City of Makati	554,181	1	1: 554,181	560,089	1	1: 560,089	566,015	1	1: 566,015	584,490	1	1: 584,490
City of Muntinlupa	468,172	3	1: 156,057	474,790	3	1: 158,263	481,468	3	1: 160,489	506,144	3	1: 168,715
City of Parañaque	657,381	1	1: 657,381	674,667	1	1: 674,667	692,381	1	1: 692,381	667,979	1	1: 667,979
Pasay City	409,386	2	1: 204,693	413,195	2	1: 206,598	417,005	2	1: 208,503	417,872	2	1: 208,936
Pateros	67,260	-	-	67,961	-	-	68,663	-	-	64,047	-	-
Taguig City	736,153	3	1: 245,384	759,511	3	1: 253,170	783,592	3	1: 261,197	807,523	3	1: 269,175

Source: Department of Health

Note: Population projection is based from the Department of Health

"-" means no data

Table 9.1b

**NUMBER AND RATIO TO THE POPULATION OF PRIVATE HOSPITAL BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2017**

City/Municipality	2014			2015			2016			2017		
	Population	Private		Population	Private		Population	Private		Population	Private	
		No.	Ratio									
<b>NCR</b>	<b>12,753,073</b>	<b>115</b>	<b>1: 110,896</b>	<b>12,977,075</b>	<b>114</b>	<b>1: 113,834</b>	<b>13,205,216</b>	<b>116</b>	<b>1: 113,838</b>	<b>12,918,977</b>	<b>114</b>	<b>1: 113,324</b>
City of Manila	1,675,728	17	1: 98,572	1,681,250	17	1: 98,897	1,686,621	16	1: 105,414	1,785,917	15	1: 119,062
City of Mandaluyong	345,515	2	1: 172,758	350,528	2	1: 175,264	355,590	2	1: 177,795	387,528	2	1: 193,764
City of Marikina	440,433	9	1: 48,937	443,773	9	1: 49,308	447,099	8	1: 55,887	452,201	7	1: 64,601
City of Pasig	754,430	11	1: 68,585	775,462	12	1: 64,622	797,054	13	1: 61,312	757,747	13	1: 58,289
Quezon City	3,047,538	33	1: 92,350	3,118,511	30	1: 103,950	3,190,989	31	1: 102,935	2,945,629	31	1: 95,021
City of San Juan	122,747	2	1: 61,374	123,013	2	1: 61,507	123,266	2	1: 61,633	122,576	2	1: 61,288
Caloocan City	1,645,675	7	1: 235,096	1,683,624	7	1: 240,518	1,722,366	7	1: 246,052	1,589,110	7	1: 227,016
City of Malabon	360,325	-	-	361,596	-	-	362,836	-	-	366,709	-	-
City of Navotas	257,953	-	-	259,805	-	-	261,648	-	-	250,271	-	-
City of Valenzuela	619,232	4	1: 154,808	629,448	4	1: 157,362	639,790	4	1: 159,948	622,432	4	1: 155,608
City of Las Piñas	590,964	9	1: 65,663	599,852	8	1: 74,982	608,833	8	1: 76,104	590,802	7	1: 84,401
City of Makati	554,181	3	1: 184,727	560,089	3	1: 186,696	566,015	3	1: 188,672	584,490	3	1: 194,830
City of Muntinlupa	468,172	6	1: 78,029	474,790	6	1: 79,132	481,468	6	1: 80,245	506,144	6	1: 84,358
City of Parañaque	657,381	7	1: 93,912	674,667	9	1: 74,963	692,381	9	1: 76,931	667,979	9	1: 74,220
Pasay City	409,386	2	1: 204,693	413,195	2	1: 206,598	417,005	2	1: 208,503	417,872	2	1: 208,936
Pateros	67,260	-	-	67,961	-	-	68,663	1	1: 68,663	64,047	1	1: 64,047
Taguig City	736,153	3	1: 245,384	759,511	3	1: 253,170	783,592	4	1: 195,898	807,523	5	1: 161,505

Source: Department of Health

Note: Population projection is based from the Department of Health

"-" means no data

Table 9.2

**NUMBER AND RATIO TO THE POPULATION OF HOSPITAL BED BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2017**

City/Municipality	Population	Number of Authorized Beds			Bed to Population Ratio
		Total Beds	Gov't	Private	
<b>2014</b>					
<b>NCR</b>	<b>12,753,071</b>	<b>29,270</b>	<b>17,011</b>	<b>12,259</b>	<b>1: 436</b>
City of Manila	1,675,728	7,341	4,184	3,157	1: 228
City of Mandaluyong	345,515	4,554	4,350	204	1: 76
City of Marikina	440,433	539	150	389	1: 817
City of Pasig	754,430	1,335	564	771	1: 565
Quezon City	3,047,536	8,866	5,327	3,539	1: 344
City of San Juan	122,747	516	150	366	1: 238
Caloocan City	1,645,675	700	282	418	1: 2,351
City of Malabon	360,325	10	10	-	1: 36,033
City of Navotas	257,953	-	-	-	-
City of Valenzuela	619,232	400	100	300	1: 1,548
City of Las Piñas	590,964	714	200	514	1: 828
City of Makati	554,181	995	300	695	1: 557
City of Muntinlupa	468,172	1,193	699	494	1: 392
City of Parañaque	657,381	484	50	434	1: 1,358
Pasay City	409,386	630	250	380	1: 650
Pateros	67,260	-	-	-	-
Taguig City	736,153	993	395	598	1: 741
<b>2015</b>					
<b>NCR</b>	<b>12,977,075</b>	<b>29,510</b>	<b>17,061</b>	<b>12,449</b>	<b>1: 440</b>
City of Manila	1,681,250	7,341	4,184	3,157	1: 229
City of Mandaluyong	350,528	4,554	4,350	204	1: 77
City of Marikina	443,773	539	150	389	1: 823
City of Pasig	775,462	1,429	564	865	1: 543
Quezon City	3,118,511	8,827	5,327	3,500	1: 353
City of San Juan	123,013	516	150	366	1: 238
Caloocan City	1,683,624	700	282	418	1: 2,405
City of Malabon	361,596	10	10	-	1: 36,160
City of Navotas	259,805	50	50	-	1: 5,196
City of Valenzuela	629,448	400	100	300	1: 1,574
City of Las Piñas	599,852	699	200	499	1: 858
City of Makati	560,089	995	300	695	1: 563
City of Muntinlupa	474,790	1,193	699	494	1: 398
City of Parañaque	674,667	634	50	584	1: 1,064
Pasay City	413,195	630	250	380	1: 656
Pateros	67,961	-	-	-	-
Taguig City	759,511	993	395	598	1: 765

Source: Department of Health

Note: Population projection is based from the Department of Health

“-” means no data

Table 9.2 - concluded

City/Municipality	Population	Number of Authorized Beds			Bed to Population Ratio
		Total Beds	Gov't	Private	
<b>2016</b>					
<b>NCR</b>	<b>13,205,216</b>	<b>29,908</b>	<b>17,361</b>	<b>12,547</b>	<b>1: 442</b>
City of Manila	1,686,621	7,601	4,484	3,117	1: 222
City of Mandaluyong	355,590	4,553	4,350	203	1: 78
City of Marikina	447,099	520	150	370	1: 860
City of Pasig	797,054	1,504	564	940	1: 530
Quezon City	3,190,989	8,738	5,327	3,411	1: 365
City of San Juan	123,266	516	150	366	1: 239
Caloocan City	1,722,366	700	282	418	1: 2,461
City of Malabon	362,836	10	10	-	1: 36,284
City of Navotas	261,648	50	50	-	1: 5,233
City of Valenzuela	639,790	439	100	339	1: 1,457
City of Las Piñas	608,833	699	200	499	1: 871
City of Makati	566,015	995	300	695	1: 569
City of Muntinlupa	481,468	1,198	699	499	1: 402
City of Parañaque	692,381	634	50	584	1: 1,092
Pasay City	417,005	630	250	380	1: 662
Pateros	68,663	58	-	58	1: 1,184
Taguig City	783,592	1,063	395	668	1: 737
<b>2017</b>					
<b>NCR</b>	<b>12,918,977</b>	<b>29,890</b>	<b>17,379</b>	<b>12,511</b>	<b>1: 432</b>
City of Manila	1,785,917	7,201	4,184	3017	1: 248
City of Mandaluyong	387,528	4,553	4,350	203	1: 85
City of Marikina	452,201	505	150	355	1: 895
City of Pasig	757,747	1,544	564	980	1: 491
Quezon City	2,945,629	9,066	5,611	3455	1: 325
City of San Juan	122,576	516	150	366	1: 238
Caloocan City	1,589,110	700	282	418	1: 2,270
City of Malabon	366,709	44	44	-	1: 8,334
City of Navotas	250,271	50	50	-	1: 5,005
City of Valenzuela	622,432	439	100	339	1: 1,418
City of Las Piñas	590,802	683	200	483	1: 865
City of Makati	584,490	987	300	687	1: 592
City of Muntinlupa	506,144	1,205	699	506	1: 420
City of Parañaque	667,979	634	50	584	1: 1.054
Pasay City	417,872	630	250	380	1: 663
Pateros	64,047	58	-	58	1: 1,104
Taguig City	807,523	1,075	395	680	1: 751

Table 9.3

**NUMBER AND RATIO TO THE POPULATION OF BARANGAY HEALTH STATION BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2017**

City/Municipality	2014			2015			2016			2017		
	Population	Number	Ratio	Population	Number	Ratio	Population	Number	Ratio	Population	Number	Ratio
<b>NCR</b>	<b>12,765,599</b>	<b>471</b>	<b>1: 27,103</b>	<b>12,977,074</b>	<b>477</b>	<b>1: 27,206</b>	<b>13,205,216</b>	<b>478</b>	<b>1: 27,626</b>	<b>12,918,977</b>	<b>1,707</b>	<b>1: 21,750</b>
City of Manila	1,675,728	59	1: 28,402	1,681,250	59	1: 28,496	1,686,621	59	1: 28,587	1,785,917	897	1: 24,805
City of Mandaluyong	345,515	27	1: 12,797	350,528	27	1: 12,983	355,590	27	1: 13,170	387,528	27	1: 12,918
City of Marikina	440,433	17	1: 25,908	443,773	17	1: 26,104	447,099	17	1: 26,300	452,201	16	1: 25,123
City of Pasig	754,430	40	1: 18,861	775,462	40	1: 19,387	797,054	40	1: 19,926	757,747	30	1: 15,465
Quezon City	3,047,538	65	1: 46,885	3,118,510	65	1: 47,977	3,190,989	65	1: 49,092	2,945,629	142	1: 33,474
City of San Juan	122,747	10	1: 12,275	123,013	10	1: 12,301	123,266	10	1: 12,327	122,576	21	1: 6,452
Caloocan City	1,645,675	43	1: 38,272	1,683,624	44	1: 38,264	1,722,366	44	1: 39,145	1,589,110	188	1: 29,428
City of Malabon	360,325	21	1: 17,158	361,596	21	1: 17,219	362,836	21	1: 17,278	366,709	21	1: 17,463
City of Navotas	257,953	11	1: 23,450	259,805	11	1: 23,619	261,648	11	1: 23,786	250,271	14	1: 2,514
City of Valenzuela	619,232	44	1: 14,073	629,448	46	1: 13,684	639,790	47	1: 13,613	622,432	34	1: 10,374
City of Las Piñas	590,964	30	1: 19,699	599,852	30	1: 19,995	608,833	30	1: 20,294	590,802	20	1: 19,059
City of Makati	560,089	26	1: 21,542	560,089	26	1: 21,542	566,015	26	1: 21,770	584,490	33	1: 20,155
City of Muntinlupa	474,790	15	1: 31,653	474,790	15	1: 31,653	481,468	15	1: 32,098	506,144	9	1: 29,774
City of Parañaque	657,381	14	1: 46,956	674,667	16	1: 42,167	692,381	16	1: 43,274	667,979	16	1: 20,242
Pasay City	409,386	14	1: 29,242	413,195	14	1: 29,514	417,005	14	1: 29,786	417,872	201	1: 27,859
Pateros	67,260	5	1: 13,452	67,961	5	1: 13,592	68,663	5	1: 13,733	64,047	10	1: 12,810
Taguig City	736,153	30	1: 24,538	759,511	31	1: 24,500	783,592	31	1: 25,277	807,523	28	1: 24,471

Source: Department of Health

Note: Population projection is based from the Department of Health

Table 9.4

**NUMBER AND RATIO TO POPULATION OF SELECTED HEALTH PERSONNEL BY TYPE, AND BY CITY/MUNICIPALITY, NCR: 2017**

City/Municipality	Population	Type of Health Personnel									
		Doctor		Dentist		Midwife		Nurse		Active Barangay Health Worker	
		No.	Ratio	No.	Ratio	No.	Ratio	No.	Ratio	No.	Ratio
<b>NCR</b>	<b>12,918,977</b>	<b>642</b>	<b>1: 20,124</b>	<b>501</b>	<b>1: 25,787</b>	<b>1,193</b>	<b>1: 10,829</b>	<b>1,014</b>	<b>1: 12,741</b>	<b>5,058</b>	<b>1: 2,555</b>
City of Manila	1,785,917	103	1: 17,339	64	1: 27,905	108	1: 16,537	158	1: 11,304	161	1: 11,093
City of Mandaluyong	387,528	42	1: 9,227	32	1: 12,111	56	1: 6,921	45	1: 8,612	105	1: 3,691
City of Marikina	452,201	23	1: 19,661	17	1: 26,601	38	1: 11,901	21	1: 21,534	107	1: 4,227
City of Pasig	757,747	69	1: 10,982	34	1: 22,287	69	1: 10,982	185	1: 4,096	332	1: 2,283
Quezon City	2,945,629	59	1: 49,926	57	1: 51,678	199	1: 14,803	116	1: 25,394	784	1: 3,758
City of San Juan	122,576	9	1: 13,620	12	1: 10,215	16	1: 7,661	12	1: 10,215	96	1: 1,277
Calocan City	1,589,110	45	1: 35,314	35	1: 45,404	63	1: 25,224	41	1: 38,759	569	1: 2,793
City of Malabon	366,709	19	1: 19,301	21	1: 17,463	23	1: 15,944	23	1: 15,944	160	1: 2,292
City of Navotas	250,271	15	1: 16,685	10	1: 25,028	36	1: 6,952	16	1: 15,642	189	1: 1,325
City of Valenzuela	622,432	46	1: 13,532	34	1: 18,307	142	1: 4,384	65	1: 9,576	359	1: 1,734
City of Las Piñas	590,802	35	1: 16,881	25	1: 23,633	68	1: 8,689	42	1: 14,067	187	1: 3,160
City of Makati	584,490	49	1: 11,929	44	1: 13,284	100	1: 5,845	106	1: 5,515	217	1: 2,694
City of Muntinlupa	506,144	25	1: 20,246	27	1: 18,747	64	1: 7,909	30	1: 16,872	445	1: 1,138
City of Parañaque	667,979	25	1: 26,720	21	1: 31,809	54	1: 12,370	71	1: 9,409	172	1: 3,884
Pasay City	417,872	29	1: 14,410	20	1: 20,894	62	1: 6,740	40	1: 10,447	250	1: 1,672
Pateros	64,047	4	1: 16,012	4	1: 16,012	17	1: 3,768	4	1: 16,012	39	1: 1,643
Taguig City	807,523	45	1: 17,945	44	1: 18,353	78	1: 10,353	39	1: 20,706	886	1: 912

Source: Department of Health

Note: Population projection is based from the Department of Health

Table 9.5

**TEN LEADING CAUSES OF MORBIDITY FOR ALL AGES BY YEAR, AND BY CAUSE,  
NCR: 2014 - 2017**

	<b>Year/ Cause</b>	<b>No.</b>	<b>Rate (per 100,000 Population)</b>
<b>2014</b>			
1.	Acute Upper Respiratory Infection	628,588	4,928.90
2.	Hypertension	50,522	396.10
3.	Pneumonia & other Lower Respiratory Track Infection	46,924	367.90
4.	Skin Diseases	46,240	362.50
5.	Bronchitis, Broncholitis	46,132	361.70
6.	Urinary Tract Infection	43,285	339.40
7.	Injury	39,363	308.60
8.	Diarrheal Diseases	37,519	294.20
9.	Wound	25,949	203.40
10.	Animal Bite	21,682	170.00
10.	Bronchial Asthma	21,762	181.99
<b>2015</b>			
1.	Respiratory Tract Infection	669,430	5,158.56
2.	Hypertension	67,892	523.17
3.	Skin Diseases	62,747	483.52
4.	Urinary Tract Infection	62,613	482.49
5.	Ear, Nose and Throat	52,005	400.75
6.	Diarrheal Diseases	41,769	321.87
7.	Bronchitis, Bronchiolitis	41,607	320.62
8.	Pneumonia & Bronchopneumonia	41,266	317.99
9.	Injury	38,386	295.80
10.	Viral Infection	30,030	231.41
<b>2016</b>			
1.	Upper Respiratory Infection	578,503	4,380.87
2.	Lower Respiratory Tract Infection & Pneumonia	160,110	1,212.48
3.	Hypertension	129,452	980.31
4.	UTI	51,267	388.23
5.	Bronchitis, Broncholitis	39,852	301.79
6.	Injury	35,247	266.92
7.	Diabetes	33,050	250.28
8.	Animal Bites	32,287	244.50
9.	Dermatological Diseases	31,761	240.52
10.	Gastroenteritis	24,581	186.15
<b>2017</b>			
1.	Upper Respiratory Track Infection	551,555	4,269.34
2.	Hypertension	142,476	1,102.84
3.	Acute Lower Respiratory Track Infection & Pneumonia	69,944	541.41
4.	Diabetes Mellitus	35,031	271.16
5.	Bronchitis, Bronchiolitis	34,075	263.76
6.	Injury	30,291	234.47
7.	Bites(Animal)	28,082	217.37
8.	Diarrheal Diseases	25,670	198.70
9.	Dermatological Diseases	25,364	196.33
10.	Wounds	24,599	190.41

Source: Department of Health

Table 9.6

**TEN LEADING CAUSES OF MORBIDITY OF CHILDREN UNDER FIVE YEARS OF AGE BY YEAR, AND BY CAUSE, NCR: 2014 - 2017**

Year/ Cause	No. of Cases	Rate (per 1,000 livebirths)
<b>2014</b>		
1. Acute Upper Respiratory Infection	297,066	1,152.4
2. Pneumonia & Lower Respiratory Tract Infection	26,443	102.5
3. Bronchitis, Bronchiolitis	26,067	101.1
4. Diarrheal Diseases	23,511	91.2
5. Skin Diseases	21,320	82.7
6. Asthma, Bronchial Asthma	9,087	35.2
7. Viral Infection	8,016	31.1
8. Boils (Carbuncle, Furuncle)	7,624	29.5
9. Injury	6,508	25.2
10. Urinary Tract Infection	6,120	23.7
<b>2015</b>		
1. Respiratory Tract Infection	308,589	1,291.6
2. Ear, Nose and Throat	28,080	117.5
3. Skin Diseases	27,478	115.0
4. Diarrheal Diseases	23,999	100.5
5. Pneumonia, Bronchopneumonia	23,545	98.6
6. Bronchitis, Bronchiolitis	22,676	94.9
7. Viral Infection	13,377	56.0
8. Urinary Tract Infection	10,013	41.9
9. Carbuncle, Furuncle, Boil, Abscess	9,101	38.1
10. Asthma, Bronchial Asthma	7,087	29.7
<b>2016</b>		
1. Upper Respiratory Infection	164,001	631.1
2. Lower Respiratory Tract Infection & Pneumonia	46,370	178.4
3. Bronchitis, Bronchiolitis	13,573	52.2
4. Gastroenteritis	9,664	37.2
5. Dermatological Disorder	8,939	34.4
6. Viral Infection	6,376	24.5
7. Urinary Tract Infection	5,833	22.4
8. Asthma	5,483	21.1
9. Boil, Carbuncle, Abscess	5,323	20.5
10. Respiratory Tract Infection	5,105	19.6
<b>2017</b>		
1. URTI	244,551	1,893.0
2. ALRTI and Pneumonia	33,267	257.5
3. Bronchitis, Bronchiolitis	17,391	134.6
4. Diarrhea and Infectious Gastroenteritis	13,215	102.3
5. Dermatological Diseases	9,811	75.9
6. SVI	7,098	54.9
7. Asthma	6,062	46.9
8. Abscess, Furuncle, Carbuncle	5,879	45.5
9. Injury	5,412	41.9
10. Wounds	4,595	35.6

Source: Department of Health

Table 9.7

**TEN LEADING CAUSES OF MORTALITY FOR ALL AGES BY YEAR, AND BY CAUSE,  
NCR: 2014 - 2017**

Year/ Cause	No.	Rate (per 100,000 Population)
<b>2014</b>		
1. Heart Diseases	10,964	86.0
2. Pneumonia/Bronchopneumonia	10,036	78.7
3. Cancer, all forms	7,627	59.8
4. Coronary Heart Diseases	4,836	37.9
5. Diabetes Mellitus	3,263	25.6
6. Tuberculosis, all forms	2,668	20.9
7. Cerebro Vascular Diseases	2,581	20.2
8. Hypertension	2,500	19.6
9. Kidney/Renal Diseases	1,652	13.0
10. Sepsis/Septicemia	1,410	11.1
<b>2015</b>		
1. Heart Diseases	9,744	75.1
2. Pneumonia/Bronchopneumonia	9,069	69.9
3. Cancer, all forms	6,832	52.6
4. Hypertension	5,372	41.4
5. Coronary Heart Diseases	3,514	27.1
6. Diabetes Mellitus	3,263	25.1
7. Tuberculosis, all forms	2,799	21.6
8. Cerebro Vascular Diseases	2,643	20.4
9. Sepsis/Septicemia	1,600	12.3
10. Kidney/Renal Diseases	1,366	10.5
<b>2016</b>		
1. Cardiovascular Diseases	12,911	97.8
2. Pneumonia	12,153	92.0
3. Cancer (all forms)	6,264	47.4
4. Hypertension	4,941	37.4
5. Diabetes	3,121	23.6
6. Tuberculosis	2,431	18.4
7. Wound (all forms)	2,359	17.9
8. Cerebrovascular Diseases	1,658	12.6
9. Artery Diseases	1,614	12.2
10. Kidney/Renal Diseases/Renal Failure	1,470	11.1
<b>2017</b>		
1. Pneumonia/ Bronchopneumonia	13,303	103.0
2. Heart Diseases	8,042	62.2
3. Cancer (all forms)	5,664	43.8
4. Hypertension	3,163	24.5
5. Diabetes Mellitus	2,132	16.5
6. Tuberculosis (All forms)	2,081	16.1
7. Kidney/Renal Disease/Renal Failure	1,618	12.5
8. Wound (Gunshot)	1,477	11.4
9. Sepsis /Septicemia	1,046	8.1
10. Liver Disease	974	7.5

Source: Department of Health

Table 9.8

**TEN LEADING CAUSES OF INFANT-MORTALITY BY YEAR, AND BY CAUSE, NCR: 2014  
- 2017**

Year/ Cause	No.	Rate (per 1,000 live births)
<b>2014</b>		
1. Pneumonia/Bronchopneumonia	1,012	3.9
2. Prematurity	935	3.6
3. Sepsis/Septicemia	478	1.9
4. Asphyxia	162	0.6
5. Congenital Anomalies	160	0.6
6. Congenital Heart Diseases	143	0.6
7. Respiratory Distress Syndrome	94	0.4
8. Gastroenteritis/Diarrheal Diseases	90	0.3
9. Measles	79	0.3
10. Malnutrition	63	0.2
<b>2015</b>		
1. Pneumonia/Bronchopneumonia	796	3.3
2. Prematurity	607	2.5
3. Sepsis/Septicemia	403	1.7
4. Congenital Diseases	279	1.2
5. Asphyxia	154	0.6
6. Congenital Anomalies	150	0.6
7. Respiratory Distress Syndrome	121	0.5
8. Meconium Aspiration Syndrome	84	0.4
9. Gastroenteritis (Acute Gastroenteritis)	72	0.3
10. Malnutrition	40	0.2
9. Aspiration Pneumonia	45	0.2
10. Hydrocephalus	34	0.1
Preterm Infants	34	0.1
<b>2016</b>		
1. Pneumonia	750	2.9
2. Septicemia/Sepsis	430	1.7
3. Prematurity	333	1.3
4. Shock	173	0.7
5. Fetal Disorder	170	0.7
6. Respiratory Diseases	158	0.6
7. Cardiovascular Diseases	124	0.5
8. Asphyxia	101	0.4
9. Congenital Anomalies	88	0.3
10. Gastroenteritis	70	0.3
<b>2017</b>		
1. Pneumonia/ Bronchopneumonia	782	3.0
2. Prematurity	605	2.4
3. Sepsis	553	2.2
4. Cancer (all forms)	231	0.9
5. Asphyxia	182	0.7
6. Resp. Distress Syn /Hyaline Membrane Disease	147	0.6
7. Congenital Anomaly	125	0.5
8. Heart Diseases	96	0.4
9. Gastroenteritis	81	0.3
10. Aspiration	59	0.2

Source: Department of Health

Table 9.9

**TEN LEADING CAUSES OF MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE  
BY YEAR, AND BY CAUSE, NCR: 2014 - 2017**

Year/ Cause	No. of Cases	Rate (per 1,000 livebirths)
<b>2014</b>		
1. Pneumonia/Bronchopneumonia	1,460	5.66
2. Prematurity	939	3.64
3. Sepsis/Septicemia	522	2.03
4. Congenital Heart Diseases	196	0.76
5. Asphyxia	166	0.64
6. Congenital Anomalies	164	0.64
7. Gastroenteritis/Diarrheal Diseases	161	0.62
8. Measles	110	0.43
9. Respiratory Distress Syndrome	95	0.37
10. Malnutrition	84	0.33
<b>2015</b>		
1. Pneumonia/Bronchopneumonia	1,093	4.57
2. Prematurity	632	2.65
3. Sepsis/Septicemia	458	1.92
4. Congenital Diseases	315	1.32
5. Asphyxia	183	0.77
6. Congenital Anomalies	163	0.68
7. Gastroenteritis/Diarrheal Diseases	128	0.54
8. Respiratory Distress Syndrome	127	0.53
9. Meconium Aspiration Syndrome	100	0.42
10. Disseminated Intravascular Coagulation	51	0.21
<b>2016</b>		
1. Pneumonia/Bronchopneumonia	280	1.08
2 Gastroenteritis	57	0.22
3 Septicemia/Sepsis	39	0.15
4 Cardiovascular Diseases	30	0.12
5 Brain Diseases	26	0.10
Shock	26	0.10
6 Dengue / Dengue Hemorrhagic Fever	25	0.10
7 Meningitis	22	0.08
8 Fungemia	19	0.07
9 COPD	14	0.05
Leukemia	14	0.05
Asthma	12	0.05
Cancer (all forms)	12	0.05
Tuberculosis	12	0.05
<b>2017</b>		
1 Pneumonia/ Bronchopneumonia	997	4.04
2 Prematurity	664	2.69
3 Sepsis	610	2.47
4 Cancer (all forms)	393	1.59
5 Asphyxia	283	1.15
6 Resp. Distress Syndrome/Hyaline Membrane Disease	159	0.64
7 Congenital Anomaly	142	0.58
8 Heart Diseases	133	0.54
9 Gastroenteritis	124	0.50
10 Dengue / Dengue Hemorrhagic Fever	85	0.34

Source: Department of Health-NCR

Table 9.10

**NUMBER OF REPORTED CASE AND DEATH OF SPECIFIC DISEASE BY TYPE, AND BY YEAR, NCR: 2017 - 2018**

Type of Disease	2018		2017	
	Case	Death	Case	Death
Measles-Rubella	3,646	54	351	3
Diphtheria	63	12	69	13
Pertussis	90	-	96	3
Neonatal Tetanus	2	1	4	2
Leptospirosis	5,232	505	3,067	317
Acute Meningitis Encephalitis Surveillance	434	22	329	10
Cholera	1	-	3	-
Acute Viral Hepatitis	166	1	221	2
Rotavirus	224	-	272	-
Typhoid Fever	476	5	380	1

Source: Department of Health

Note: "-" means no data

Table 9.11

**NUMBER OF CONFIRMED CASE AND DEATH OF SPECIFIC DISEASE BY TYPE, AND BY YEAR, NCR: 2017 - 2018**

Type of Disease	2018		2017	
	Case	Death	Case	Death
Measles	1,094	19	9	1
Rubella	10	-	35	-
Leptospirosis	212	17	-	-
Japanese Encephalitis	1	-	6	1
Hepatitis A	22	-	46	-
Rotavirus	75	-	80	-

Source: Department of Health

Note: "-" means no data

Table 9.12

**NUMBER OF REPORTED AND CONFIRMED DENGUE CASE BY YEAR, PHL AND NCR: 2015 - 2018**

Region	2015		2016		2017		2018	
	Case	Death	Case	Death	Case	Death	Case	Death
PHL	110,828	1,021	208,805	1,021	152,224	811	216,190	1,083
NCR	1,021	60	1,021	60	25,897	158	28,040	180

Source: Department of Health

Table 9.13

**CONFIRMED DENGUE CASES BY STEREOTYPE, PHL AND NCR: 2018**

Region	Stereotype					Total
	Dengue 1	Dengue 2	Dengue 3	Dengue 4	Mixed Stereotypes	
PHL	223	149	598	25	3	998
NCR	15	21	91	51	1	133

Source: Department of Health

Table 9.14

**NUMBER OF FULLY IMMUNIZED CHILDREN BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2017**

City/Municipality	2014			2015			2016			2017		
	Eligible Pop.	No.	Rate									
<b>NCR</b>	<b>344,333</b>	<b>289,917</b>	<b>84.2</b>	<b>350,381</b>	<b>268,548</b>	<b>76.6</b>	<b>356,541</b>	<b>291,258</b>	<b>81.7</b>	<b>348,812</b>	<b>274,442</b>	<b>78.7</b>
City of Manila	45,245	33,019	73.0	45,394	30,453	67.1	45,539	31,115	68.3	48,220	25,449	52.8
City of Mandaluyong	9,329	8,848	94.8	9,464	8,801	93.0	9,601	8,736	91.0	10,463	9,379	89.6
City of Marikina	11,892	6,530	54.9	11,982	5,949	49.7	12,072	6,294	52.1	12,209	6,365	52.1
City of Pasig	20,370	17,338	85.1	20,937	13,858	66.2	21,520	17,203	79.9	20,459	16,434	80.3
Quezon City	82,284	82,283	100.0	84,200	83,169	98.8	86,157	88,181	102.3	79,532	87,420	109.9
City of San Juan	3,314	3,143	94.8	3,321	3,150	94.8	3,328	2,970	89.2	3,310	2,970	89.7
Caloocan City	44,433	39,153	88.1	45,458	27,238	59.9	46,504	37,421	80.5	42,906	30,473	71.0
City of Malabon	9,729	7,383	75.9	9,763	8,764	89.8	9,797	9,348	95.4	9,901	7,450	75.2
City of Navotas	6,965	6,516	93.6	7,015	6,691	95.4	7,064	6,854	97.0	6,757	6,394	94.6
City of Valenzuela	16,719	13,982	83.6	16,995	14,150	83.3	17,274	14,381	83.3	16,806	13,495	80.3
City of Las Piñas	15,956	12,629	79.1	16,196	12,629	78.0	16,438	10,360	63.0	15,952	9,973	62.5
City of Makati	14,963	8,845	59.1	15,122	8,494	56.2	15,282	9,068	59.3	15,781	7,583	48.1
City of Muntinlupa	12,641	9,549	75.5	12,819	8,389	65.4	13,000	9,906	76.2	13,666	10,988	80.4
City of Parañaque	17,749	12,737	71.8	18,216	12,063	66.2	18,694	14,255	76.3	18,035	13,389	74.2
Pasay City	11,053	8,797	79.6	11,156	9,040	81.0	11,259	8,902	79.1	11,283	7,719	68.4
Pateros	1,816	1,296	71.4	1,835	1,362	74.2	1,854	1,292	69.7	1,729	1,085	62.7
Taguig City	19,876	17,869	89.9	20,507	14,348	70.0	21,157	14,972	70.8	21,803	17,876	82.0

Source: Department of Health, Field Health Service Information System.

Notes: Details (eligible population) may not add up to totals due to rounding off;

Table 9.15

**NUTRITIONAL STATUS OF CHILDREN AGED 0-59 MONTHS BY CITY/MUNICIPALITY, AND BY SEX, NCR: 2017**

City/Municipality	Severely Underweight						Underweight					
	Boys		Girls		Total		Boys		Girls		Total	
	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)
<b>NCR</b>	<b>2,633</b>	<b>0.18</b>	<b>2,235</b>	<b>0.16</b>	<b>4,868</b>	<b>0.34</b>	<b>8,560</b>	<b>0.60</b>	<b>7,262</b>	<b>0.51</b>	<b>15,822</b>	<b>1.11</b>
City of Manila	489	0.33	372	0.25	861	0.58	1,659	1.11	1,229	0.82	2,888	1.93
City of Mandaluyong	18	0.04	17	0.04	35	0.08	116	0.26	130	0.29	246	0.55
City of Marikina	45	0.13	41	0.12	86	0.24	147	0.41	149	0.42	296	0.83
City of Pasig	132	0.18	105	0.14	237	0.33	390	0.54	294	0.41	684	0.94
Quezon City	382	0.10	321	0.08	703	0.18	1,240	0.32	834	0.21	2,074	0.53
City of San Juan	7	0.05	8	0.06	15	0.11	34	0.25	38	0.28	72	0.53
Caloocan City	496	0.30	443	0.26	939	0.56	1,517	0.90	1,438	0.86	2,955	1.76
City of Malabon	172	0.44	133	0.34	305	0.78	504	1.28	436	1.11	940	2.39
City of Navotas	81	0.26	62	0.20	143	0.46	175	0.56	147	0.47	322	1.04
City of Valenzuela	132	0.18	106	0.15	238	0.33	383	0.53	353	0.49	736	1.02
City of Las Piñas	215	0.31	200	0.29	415	0.59	799	1.15	731	1.05	1,530	2.19
City of Makati	19	0.04	27	0.06	46	0.10	94	0.20	101	0.22	195	0.43
City of Pasay	126	0.28	116	0.26	242	0.54	401	0.89	380	0.85	781	1.74
City of Muntinlupa	106	0.21	74	0.14	180	0.35	276	0.54	227	0.44	503	0.98
City of Parañaque	144	0.18	153	0.19	297	0.37	623	0.78	567	0.71	1,190	1.50
Pateros	4	0.07	4	0.07	8	0.14	49	0.84	40	0.68	89	1.52
Taguig City	65	0.06	53	0.05	118	0.10	153	0.13	168	0.15	321	0.28

Source: National Nutrition Council - NCR, Operation Timbang Plus 2017

Note: Measured using weight for age as index.

Table 9.15 - concluded

City/Municipality	Normal						Overweight					
	Boys		Girls		Total		Boys		Girls		Total	
	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)	No.	Rate (%)
<b>NCR</b>	<b>712,514</b>	<b>49.95</b>	<b>683,180</b>	<b>47.90</b>	<b>1,395,694</b>	<b>97.85</b>	<b>5,538</b>	<b>0.39</b>	<b>4,450</b>	<b>0.31</b>	<b>9,988</b>	<b>0.70</b>
City of Manila	74,233	49.60	70,531	47.13	144,764	96.73	603	0.40	541	0.36	1,144	0.76
City of Mandaluyong	22,965	51.54	21,196	47.57	44,161	99.12	75	0.17	37	0.08	112	0.25
City of Marikina	17,695	49.71	16,690	46.89	34,385	96.60	430	1.21	397	1.12	827	2.32
City of Pasig	36,264	49.99	34,800	47.97	71,064	97.95	295	0.41	268	0.37	563	0.78
Quezon City	193,428	49.72	191,316	49.18	384,744	98.90	876	0.23	627	0.16	1,503	0.39
City of San Juan	6,619	48.89	6,727	49.69	13,346	98.58	53	0.39	52	0.38	105	0.78
Caloocan City	83,420	49.72	79,186	47.20	162,606	96.92	743	0.44	531	0.32	1,274	0.76
City of Malabon	19,396	49.34	18,323	46.61	37,719	95.95	198	0.50	150	0.38	348	0.89
City of Navotas	15,091	48.55	15,361	49.42	30,452	97.97	92	0.30	73	0.23	165	0.53
City of Valenzuela	36,802	50.97	33,909	46.96	70,711	97.93	282	0.39	238	0.33	520	0.72
City of Las Piñas	34,923	50.07	32,710	46.89	67,633	96.96	92	0.13	83	0.12	175	0.25
City of Makati	22,845	49.80	21,517	46.91	44,362	96.71	754	1.64	514	1.12	1,268	2.76
City of Pasay	22,221	49.55	20,863	46.52	43,084	96.08	381	0.85	355	0.79	736	1.64
City of Muntinlupa	25,356	49.62	24,738	48.41	50,094	98.03	168	0.33	157	0.31	325	0.64
City of Parañaque	39,827	50.17	37,706	47.49	77,533	97.66	210	0.26	160	0.20	370	0.47
Pateros	2,951	50.32	2,690	45.87	5,641	96.20	63	1.07	63	1.07	126	2.15
Taguig City	58,478	51.18	54,917	48.06	113,395	99.24	223	0.20	204	0.18	427	0.37

Table 9.16a

**NUMBER OF LIVE BIRTH BY USUAL RESIDENCE OF THE MOTHER BY CITY/MUNICIPALITY, AND BY SEX, NCR: 2014 - 2018**

City/Municipality	2013			2014			2015		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NCR</b>	<b>243,626</b>	<b>127,121</b>	<b>116,505</b>	<b>239,736</b>	<b>124,691</b>	<b>115,045</b>	<b>231,766</b>	<b>121,196</b>	<b>110,570</b>
City of Manila	37,834	19,704	18,130	35,711	18,467	17,244	33,108	17,329	15,779
City of Mandaluyong	7,267	3,851	3,416	7,252	3,707	3,545	6,970	3,619	3,351
City of Marikina	8,121	4,276	3,845	8,094	4,216	3,878	8,147	4,162	3,985
City of Pasig	15,588	8,156	7,432	15,267	8,002	7,265	14,946	7,791	7,155
Quezon City	54,399	28,367	26,032	54,176	28,176	26,000	52,733	27,526	25,207
City of San Juan	1,853	993	860	1,722	901	821	1,733	918	815
Caloocan City	31,203	16,269	14,934	31,014	16,308	14,706	30,274	15,918	14,356
City of Malabon	6,456	3,400	3,056	6,438	3,283	3,155	5,965	3,146	2,819
City of Navotas	4,781	2,522	2,259	4,583	2,396	2,187	4,138	2,167	1,971
City of Valenzuela	11,762	6,191	5,571	11,632	6,115	5,517	11,300	5,935	5,365
City of Las Piñas	11,040	5,743	5,297	11,268	5,885	5,383	10,933	5,672	5,261
City of Makati	9,599	5,011	4,588	9,473	4,944	4,529	9,374	4,955	4,419
City of Muntinlupa	8,682	4,542	4,140	8,727	4,468	4,259	8,270	4,312	3,958
City of Parañaque	11,963	6,173	5,790	11,568	5,926	5,642	11,529	6,103	5,426
Pasay City	7,325	3,806	3,519	6,918	3,577	3,341	6,465	3,372	3,093
Pateros	1,010	518	492	973	507	466	981	498	483
Taguig City	14,743	7,599	7,144	14,920	7,813	7,107	14,900	7,773	7,127

Source: Philippine Statistics Authority

Table 9.16a - concluded

City/Municipality	2016			2017			2018		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NCR</b>	<b>219,936</b>	<b>114,535</b>	<b>105,401</b>	<b>217,480</b>	<b>113,263</b>	<b>104,217</b>	<b>212,602</b>	<b>111,141</b>	<b>101,461</b>
City of Manila	32,182	16,749	15,433	31,536	16,509	15,027	31,492	16,421	15,071
City of Mandaluyong	6,606	3,480	3,126	6,531	3,404	3,127	6,447	3,393	3,054
City of Marikina	7,845	4,068	3,777	7,467	3,962	3,505	7,697	3,961	3,736
City of Pasig	14,150	7,372	6,778	14,081	7,258	6,823	13,180	6,910	6,270
Quezon City	49,385	25,583	23,802	48,899	25,541	23,358	46,594	24,477	22,117
City of San Juan	1,671	911	760	1,613	824	789	1,645	874	771
Caloocan City	28,225	14,851	13,374	27,531	14,253	13,278	26,920	14,106	12,814
City of Malabon	5,867	3,082	2,785	5,721	3,006	2,715	5,693	2,951	2,742
City of Navotas	4,130	2,130	2,000	4,284	2,245	2,039	4,132	2,156	1,976
City of Valenzuela	10,829	5,609	5,220	11,164	5,849	5,315	11,172	5,718	5,454
City of Las Piñas	10,238	5,311	4,927	10,093	5,255	4,838	9,648	5,070	4,578
City of Makati	8,645	4,568	4,077	8,108	4,194	3,914	7,673	4,096	3,577
City of Muntinlupa	7,391	3,836	3,555	7,493	3,915	3,578	7,601	3,969	3,632
City of Parañaque	10,881	5,605	5,276	10,924	5,652	5,272	10,959	5,756	5,203
Pasay City	6,423	3,358	3,065	6,511	3,416	3,095	6,271	3,261	3,010
Pateros	896	450	446	887	459	428	916	466	450
Taguig City	14,572	7,572	7,000	14,637	7,521	7,116	14,562	7,556	7,006

Table 9.16b

**NUMBER OF LIVE BIRTH BY PLACE OF OCCURRENCE BY CITY/MUNICIPALITY, AND BY SEX, NCR: 2017**

<b>City/Municipality</b>	<b>Both Sexes</b>	<b>Male</b>	<b>Female</b>
<b>NCR</b>	<b>238,637</b>	<b>124,399</b>	<b>114,238</b>
City of Manila	59,131	30,954	28,177
City of Mandaluyong	5,329	2,801	2,528
City of Marikina	9,587	5,140	4,447
City of Pasig	16,186	8,308	7,878
Quezon City	57,441	30,085	27,356
City of San Juan	2,326	1,200	1,126
Caloocan City	20,417	10,508	9,909
City of Malabon	3,496	1,791	1,705
City of Navotas	3,604	1,881	1,723
City of Valenzuela	9,097	4,777	4,320
City of Las Piñas	9,534	4,963	4,571
City of Makati	7,093	3,669	3,424
City of Muntinlupa	7,685	3,992	3,693
City of Parañaque	8,150	4,191	3,959
Pasay City	5,846	3,081	2,765
Pateros	1,032	539	493
Taguig City	12,683	6,519	6,164

Source: Philippine Statistics Authority

Table 9.16c

**NUMBER OF LIVE BIRTH BY USUAL RESIDENCE OF THE MOTHER AND PLACE OF OCCURRENCE BY TYPE OF ATTENDANT AND BY CITY/MUNICIPALITY, NCR: 2017**

City/Municipality	Attendant at Birth									
	Usual Residence of the Mother					Place of Occurrence				
	Total	Health Professional	Traditional Birth Attendants	Others	Not Stated	Total	Health Professional	Traditional Birth Attendants	Others	Not Stated
<b>NCR</b>	<b>217,480</b>	<b>211,425</b>	<b>5,871</b>	<b>176</b>	<b>8</b>	<b>238,637</b>	<b>232,494</b>	<b>5,936</b>	<b>197</b>	<b>10</b>
City of Manila	31,536	31,102	389	45	-	59,131	58,674	387	69	1
City of Mandaluyong	6,531	6,495	34	-	2	5,329	5,294	33	-	2
City of Marikina	7,467	7,330	137	-	-	9,587	9,445	140	1	1
City of Pasig	14,081	13,242	834	4	1	16,186	15,310	873	3	-
Quezon City	48,899	47,868	1,006	24	1	57,441	56,383	1,032	23	3
City of San Juan	1,613	1,611	1	1	-	2,326	2,325	1	-	-
Caloocan City	27,531	26,514	990	24	3	20,417	19,397	994	24	2
City of Malabon	5,721	5,569	152	-	-	3,496	3,346	150	-	-
City of Navotas	4,284	4,235	46	3	-	3,604	3,561	41	2	-
City of Valenzuela	11,164	10,977	183	4	-	9,097	8,910	183	4	-
City of Las Piñas	10,093	9,383	691	19	-	9,534	8,789	724	21	-
City of Makati	8,108	8,073	34	1	-	7,093	7,083	9	1	-
City of Muntinlupa	7,493	7,230	257	6	-	7,685	7,416	263	6	-
City of Parañaque	10,924	10,522	396	5	1	8,150	7,761	388	-	1
Pasay City	6,511	6,427	74	10	-	5,846	5,759	74	13	-
Pateros	887	887	-	-	-	1,032	1,032	-	-	-
Taguig City	14,637	13,960	647	30	-	12,683	12,009	644	30	-

Source: Philippine Statistics Authority

Table 9.16d

**NUMBER OF LIVE BIRTH BY USUAL RESIDENCE OF THE MOTHER AND AND PLACE OF OCCURRENCE BY CITY/MUNICIPALITY, AND BY MONTH OF OCCURRENCE, NCR: 2017**

City/Municipality	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Usual Residence of the Mother</b>													
<b>NCR</b>	<b>217,480</b>	<b>17,226</b>	<b>13,998</b>	<b>15,764</b>	<b>16,226</b>	<b>17,029</b>	<b>16,659</b>	<b>18,254</b>	<b>19,405</b>	<b>21,157</b>	<b>21,476</b>	<b>21,069</b>	<b>19,217</b>
City of Manila	31,536	2,447	2,084	2,278	2,354	2,425	2,472	2,727	2,817	3,110	3,240	3,069	2,513
City of Mandaluyong	6,531	505	458	479	513	495	493	535	518	659	662	623	591
City of Marikina	7,467	605	485	544	582	576	547	636	688	730	700	715	659
City of Pasig	14,081	1,050	878	1,056	1,052	1,103	1,078	1,149	1,281	1,291	1,351	1,508	1,284
Quezon City	48,899	3,965	3,172	3,551	3,792	3,807	3,653	3,997	4,312	4,830	4,759	4,680	4,381
City of San Juan	1,613	127	131	119	102	135	133	149	122	148	161	154	132
Caloocan City	27,531	2,231	1,687	1,941	2,030	2,159	2,095	2,413	2,530	2,669	2,760	2,615	2,401
City of Malabon	5,721	444	385	393	422	440	446	502	507	529	578	557	518
City of Navotas	4,284	287	274	342	314	351	334	352	392	425	407	418	388
City of Valenzuela	11,164	901	702	803	820	886	835	883	1,083	1,051	1,139	1,105	956
City of Las Piñas	10,093	786	614	694	734	808	796	845	926	994	1,007	929	960
City of Makati	8,108	640	560	628	606	658	648	661	710	759	749	767	722
City of Muntinlupa	7,493	598	515	536	499	589	576	610	670	733	755	706	706
City of Parañaque	10,924	865	676	818	806	828	851	944	958	1,045	1,066	1,095	972
Pasay City	6,511	531	420	504	486	546	489	549	548	654	588	620	576
Pateros	887	66	40	72	71	75	65	79	69	94	82	73	101
Taguig City	14,637	1,178	917	1,006	1,043	1,148	1,148	1,223	1,274	1,436	1,472	1,435	1,357
<b>Place of Occurrence</b>													
<b>NCR</b>	<b>238,637</b>	<b>18,867</b>	<b>15,353</b>	<b>17,386</b>	<b>17,722</b>	<b>18,838</b>	<b>18,295</b>	<b>20,018</b>	<b>21,269</b>	<b>23,233</b>	<b>23,559</b>	<b>23,163</b>	<b>20,934</b>
City of Manila	59,131	4,539	3,738	4,316	4,454	4,672	4,716	5,102	5,246	5,864	6,072	5,830	4,582
City of Mandaluyong	5,329	397	360	393	419	381	423	441	418	547	550	498	502
City of Marikina	9,587	743	661	730	714	803	641	810	909	1,028	939	972	637
City of Pasig	16,186	1,291	1,077	1,306	1,285	1,363	1,140	1,235	1,456	1,440	1,435	1,674	1,484
Quezon City	57,441	4,638	3,691	4,177	4,267	4,514	4,382	4,756	5,049	5,437	5,603	5,553	5,374
City of San Juan	2,326	205	173	160	180	189	173	187	190	227	230	206	206
Caloocan City	20,417	1,625	1,288	1,423	1,509	1,551	1,532	1,788	1,920	2,022	2,031	1,894	1,834
City of Malabon	3,496	284	227	224	243	278	258	265	299	332	368	357	361
City of Navotas	3,604	237	220	282	267	279	294	318	314	371	344	334	344
City of Valenzuela	9,097	750	567	631	699	714	691	731	864	840	904	910	796
City of Las Piñas	9,534	748	584	631	677	797	750	812	863	921	935	863	953
City of Makati	7,093	562	490	508	544	555	571	581	620	658	663	694	647
City of Muntinlupa	7,685	606	522	548	517	638	608	601	694	780	762	719	690
City of Parañaque	8,150	677	529	630	577	589	599	711	723	777	810	787	741
Pasay City	5,846	486	379	468	418	489	458	501	506	588	520	560	473
Pateros	1,032	66	53	78	78	73	88	95	94	124	83	85	115
Taguig City	12,683	1,013	794	881	874	953	971	1,084	1,104	1,277	1,310	1,227	1,195

Source: Philippine Statistics Authority

Table 9.17a

**NUMBER OF DEATH BY USUAL RESIDENCE BY CITY/MUNICIPALITY, BY YEAR, AND BY SEX, NCR: 2013 - 2018**

City/Municipality	2013			2014			2015		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NCR</b>	71,050	40,711	30,339	72,235	41,629	30,606	74,530	42,603	31,927
City of Manila	12,713	7,439	5,274	12,352	7,127	5,225	12,625	7,316	5,309
City of Mandaluyong	2,086	1,178	908	2,116	1,176	940	2,230	1,252	978
City of Marikina	2,802	1,609	1,193	2,944	1,645	1,299	2,975	1,648	1,327
City of Pasig	3,952	2,283	1,669	3,869	2,221	1,648	3,982	2,278	1,704
Quezon City	15,348	8,586	6,762	15,524	9,015	6,509	16,073	9,146	6,927
City of San Juan	771	406	365	791	436	355	837	432	405
Caloocan City	7,827	4,602	3,225	8,198	4,764	3,434	8,384	4,870	3,514
City of Malabon	2,313	1,339	974	2,369	1,366	1,003	2,398	1,391	1,007
City of Navotas	1,608	949	659	1,692	1,040	652	1,732	1,025	707
City of Valenzuela	3,257	1,922	1,335	3,443	1,998	1,445	3,700	2,109	1,591
City of Las Piñas	3,335	1,829	1,506	3,360	1,904	1,456	3,529	1,988	1,541
City of Makati	2,970	1,670	1,300	3,040	1,652	1,388	3,218	1,771	1,447
City of Muntinlupa	2,431	1,364	1,067	2,656	1,561	1,095	2,712	1,555	1,157
City of Parañaque	3,439	1,910	1,529	3,601	2,061	1,540	3,640	2,018	1,622
Pasay City	2,431	1,389	1,042	2,417	1,401	1,016	2,412	1,385	1,027
Pateros	411	232	179	381	207	174	451	263	188
Taguig City	3,356	2,004	1,352	3,482	2,055	1,427	3,632	2,156	1,476

Source: Philippine Statistics Authority

Note: Sum may not add up due to some non-stated place of usual residence

Table 9.17a - concluded

City/Municipality	2016			2017			2018		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NCR</b>	76,839	44,455	32,384	75,187	43,100	32,087	74,894	41,836	33,058
City of Manila	12,573	7,324	5,249	12,182	6,964	5,218	12,056	6,736	5,320
City of Mandaluyong	2,326	1,340	986	2,273	1,306	967	2,160	1,205	955
City of Marikina	3,171	1,790	1,381	3,009	1,728	1,281	3,047	1,691	1,356
City of Pasig	4,220	2,414	1,806	4,202	2,439	1,763	4,114	2,235	1,879
Quezon City	16,460	9,442	7,018	16,385	9,331	7,054	16,721	9,310	7,411
City of San Juan	810	415	395	792	431	361	748	399	349
Caloocan City	9,235	5,535	3,700	9,055	5,270	3,785	8,529	4,835	3,694
City of Malabon	2,389	1,373	1,016	2,403	1,370	1,033	2,407	1,363	1,044
City of Navotas	1,783	1,054	729	1,642	968	674	1,630	904	726
City of Valenzuela	3,769	2,208	1,561	3,712	2,191	1,521	3,678	2,077	1,601
City of Las Piñas	3,614	2,080	1,534	3,488	1,954	1,534	3,513	1,909	1,604
City of Makati	3,363	1,873	1,490	3,109	1,745	1,364	3,027	1,690	1,337
City of Muntinlupa	2,767	1,565	1,202	2,855	1,626	1,229	2,962	1,601	1,361
City of Parañaque	3,638	2,082	1,556	3,621	2,012	1,609	3,700	2,058	1,642
Pasay City	2,543	1,500	1,043	2,319	1,335	984	2,373	1,368	1,005
Pateros	481	287	194	404	235	169	396	212	184
Taguig City	3,697	2,173	1,524	3,735	2,193	1,542	<b>3,833</b>	<b>2,243</b>	<b>1,590</b>

Table 9.17b

**NUMBER OF REGISTERED MATERNAL AND INFANT DEATH BY USUAL RESIDENCE AND BY PLACE OF OCCURRENCE, AND BY CITY/MUNICIPALITY, NCR: 2017**

City/Municipality	Usual Residence			Place of Occurrence		
	Total	Maternal Death	Infant Death	Total	Maternal Death	Infant Death
<b>NCR</b>	<b>75,187</b>	<b>195</b>	<b>3,357</b>	<b>86,879</b>	246	4,257
City of Manila	12,182	26	524	19,520	62	1,368
City of Mandaluyong	2,273	7	73	1,986	8	46
City of Marikina	3,009	6	135	4,455	12	233
City of Pasig	4,202	12	168	4,791	22	213
Quezon City	16,385	39	837	22,362	67	1,216
City of San Juan	792	1	14	1,057	1	20
Caloocan City	9,055	23	348	7,504	12	196
City of Malabon	2,403	6	103	1,455	2	48
City of Navotas	1,642	3	75	1,156	1	29
City of Valenzuela	3,711	10	193	3,202	9	170
City of Las Piñas	3,488	6	175	4,061	11	200
City of Makati	3,109	10	98	3,024	6	84
City of Muntinlupa	2,855	10	133	3,488	10	123
City of Parañaque	3,621	14	203	2,816	8	117
Pasay City	2,319	6	76	2,471	3	66
Pateros	404	1	18	292	1	7
Taguig City	3,735	15	184	3,239	11	121

Source: Philippine Statistics Authority

Table 9.17c

**NUMBER OF ATTENDED DEATH BY USUAL RESIDENCE AND PLACE OF OCCURRENCE, AND BY CITY/MUNICIPALITY, NCR: 2017**

City/Municipality	Usual Residence			Place of Occurrence		
	Total	Attended	Not Attended	Total	Attended	Not Attended
<b>NCR</b>	<b>75,187</b>	<b>47,694</b>	<b>27,493</b>	<b>86,879</b>	59,155	27,724
City of Manila	12,182	9,631	2,551	19,520	16,940	2,580
City of Mandaluyong	2,273	1,751	522	1,986	1,490	496
City of Marikina	3,009	1,951	1,058	4,455	3,413	1,042
City of Pasig	4,202	2,613	1,589	4,791	3,143	1,648
Quezon City	16,385	9,835	6,550	22,362	15,803	6,559
City of San Juan	792	638	154	1,057	910	147
Caloocan City	9,055	4,147	4,908	7,504	2,428	5,076
City of Malabon	2,403	1,201	1,202	1,455	329	1,126
City of Navotas	1,642	708	934	1,156	230	926
City of Valenzuela	3,711	1,914	1,797	3,202	1,435	1,767
City of Las Piñas	3,488	2,528	960	4,061	3,123	938
City of Makati	3,109	2,420	689	3,024	2,352	672
City of Muntinlupa	2,855	1,834	1,021	3,488	2,462	1,026
City of Parañaque	3,621	1,971	1,650	2,816	1,078	1,738
Pasay City	2,319	1,204	1,115	2,471	1,202	1,269
Pateros	404	304	100	292	201	91
Taguig City	3,735	3,042	693	3,239	2,616	623

Source: Philippine Statistics Authority

Table 9.17d

**NUMBER OF REGISTERED INFANT DEATH BY USUAL RESIDENCE AND PLACE OF OCCURRENCE, BY CITY/MUNICIPALITY, AND BY TYPE OF ATTENDANT, NCR: 2017**

City/ Municipality	Usual Residence						Place of Occurrence					
	Type of Attendant						Type of Attendant					
	Total	Private Physician	Public Health Officer	Hospital Authority	None	Others	Total	Private Physician	Public Health Officer	Hospital Authority	None	Others
<b>NCR</b>	<b>3,357</b>	<b>311</b>	<b>171</b>	<b>2,336</b>	<b>530</b>	<b>9</b>	<b>4,257</b>	<b>343</b>	<b>187</b>	<b>3,177</b>	<b>541</b>	<b>9</b>
City of Manila	524	50	66	364	43	1	1,368	105	87	1,124	51	1
City of Mandaluyong	73	14	8	45	6	-	46	3	7	30	6	-
City of Marikina	135	13	-	110	12	-	233	21	-	200	12	-
City of Pasig	168	16	12	111	29	-	213	13	35	133	32	-
Quezon City	837	64	18	607	148	-	1,216	75	15	976	149	1
City of San Juan	14	3	3	8	-	-	20	6	2	12	-	-
Caloocan City	348	31	4	216	96	1.00	196	8	1	87	100	-
City of Malabon	103	6	1	70	26	-	48	5	1	15	27	-
City of Navotas	75	3	1	57	14	-	29	2	-	14	13	-
City of Valenzuela	193	12	2	134	45	-	170	8	1	116	45	-
City of Las Piñas	175	44	10	105	16	-	200	43	10	133	14	-
City of Makati	98	4	5	82	6	1	84	9	5	63	6	1
City of Muntinlupa	133	11	4	105	13	-	123	10	3	97	13	-
City of Parañaque	203	13	2	138	45	5	117	14	-	54	44	5
Pasay City	76	11	1	55	9	-	66	1	-	55	10	-
Pateros	18	-	7	8	3	-	7	1	2	2	2	-
Taguig City	184	16	27	121	19	1	121	19	18	66	17	1

Source: Philippine Statistics Authority

Note: "-" means 0

Table 9.17e

**NUMBER OF INFANT DEATHS BY CITY/MUNICIPALITY, BY YEAR, AND BY SEX, NCR: 2013 - 2017**

City/Municipality	2013			2014			2015		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NCR</b>	4,430	2,599	1,831	4,221	2,429	1,792	3,811	2,252	1,559
City of Manila	800	482	318	755	435	320	651	403	248
City of Mandaluyong	115	73	42	95	59	36	85	51	34
City of Marikina	163	99	64	149	86	63	142	80	62
City of Pasig	201	118	83	185	98	87	194	119	75
Quezon City	1,001	566	435	956	548	408	875	513	362
City of San Juan	26	20	6	21	14	7	24	13	11
Caloocan City	466	270	196	467	269	198	331	190	141
City of Malabon	133	84	49	133	76	57	119	76	43
City of Navotas	120	71	49	126	77	49	95	50	45
City of Valenzuela	226	134	92	205	125	80	212	128	84
City of Las Piñas	247	145	102	237	136	101	202	109	93
City of Makati	122	68	54	113	58	55	120	78	42
City of Muntinlupa	112	67	45	140	85	55	159	91	68
City of Parañaque	233	129	104	228	123	105	230	126	104
Pasay City	177	106	71	148	84	64	128	72	56
Pateros	23	13	10	15	8	7	20	12	8
Taguig City	265	154	111	248	148	100	224	141	83

Source: Philippine Statistics Authority

Table 9.17e - concluded

City/Municipality	2016			2017		
	Total	Male	Female	Total	Male	Female
<b>NCR</b>	3,687	2,126	1,561	3,357	1,933	1,424
City of Manila	580	348	232	524	293	231
City of Mandaluyong	90	50	40	73	39	34
City of Marikina	154	96	58	135	84	51
City of Pasig	195	118	77	168	94	74
Quezon City	871	493	378	837	482	355
City of San Juan	22	15	7	14	8	6
Caloocan City	361	200	161	347	204	143
City of Malabon	105	56	49	103	58	45
City of Navotas	85	49	36	75	45	30
City of Valenzuela	224	131	93	194	107	87
City of Las Piñas	180	101	79	175	100	75
City of Makati	140	93	47	98	61	37
City of Muntinlupa	135	82	53	133	82	51
City of Parañaque	210	113	97	203	112	91
Pasay City	99	57	42	76	43	33
Pateros	18	8	10	18	13	5
Taguig City	218	116	102	184	108	76

Table 9.17f

**NUMBER OF CHILD DEATH BY CITY/MUNICIPALITY, BY YEAR, AND BY SEX, NCR: 2009 - 2014**

City/ Municipality	2009			2010			2011		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>NCR</b>	<b>1,486</b>	<b>795</b>	<b>691</b>	<b>1,382</b>	<b>734</b>	<b>648</b>	<b>1,408</b>	<b>736</b>	<b>672</b>
City of Manila	300	169	131	275	146	129	230	105	125
City of Mandaluyong	31	14	17	26	14	12	26	14	12
City of Marikina	45	25	20	47	21	26	53	31	22
City of Pasig	69	32	37	63	37	26	80	40	40
Quezon City	357	184	173	321	166	155	303	175	128
City of San Juan	8	5	3	7	4	3	3	1	2
Caloocan City	177	101	76	169	92	77	168	84	84
City of Malabon	51	30	21	40	19	21	43	14	29
City of Navotas	63	35	28	50	23	27	73	43	30
City of Valenzuela	70	41	29	63	31	32	77	35	42
City of Las Piñas	57	27	30	60	38	22	76	41	35
City of Makati	28	13	15	36	20	16	41	26	15
City of Muntinlupa	44	22	22	46	23	23	50	24	26
City of Parañaque	58	28	30	63	35	28	60	32	28
Pasay City	40	19	21	37	20	17	36	19	17
Pateros	3	2	1	4	1	3	3	2	1
Taguig City	85	48	37	75	44	31	86	50	36

Source: Philippine Statistics Authority

Table 9.17f - concluded

City/ Municipality	2012			2013			2014		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>NCR</b>	<b>1,321</b>	<b>716</b>	<b>605</b>	<b>1,309</b>	<b>707</b>	<b>602</b>	<b>1,348</b>	<b>767</b>	<b>581</b>
City of Manila	263	143	120	257	140	117	258	151	107
City of Mandaluyong	38	25	13	27	13	14	26	15	11
City of Marikina	49	27	22	41	20	21	36	21	15
City of Pasig	61	31	30	54	29	25	68	41	27
Quezon City	288	148	140	229	131	98	261	150	111
City of San Juan	5	2	3	6	3	3	4	1	3
Caloocan City	142	76	66	161	89	72	168	83	85
City of Malabon	46	24	22	38	19	19	43	19	24
City of Navotas	48	27	21	50	20	30	47	28	19
City of Valenzuela	64	39	25	58	35	23	55	30	25
City of Las Piñas	77	40	37	69	33	36	63	43	20
City of Makati	33	15	18	29	17	12	35	17	18
City of Muntinlupa	40	22	18	59	31	28	60	41	19
City of Parañaque	54	33	21	65	35	30	80	45	35
Pasay City	38	28	10	42	22	20	49	28	21
Pateros	5	1	4	8	4	4	2	-	2
Taguig City	70	35	35	116	66	50	93	54	39

Table 9.18

**INFANT AND CHILD MORTALITY RATE BY TYPE AND BY YEAR, NCR: 1993, 1998, 2003, 2008, 2013 AND 2017**

Type	1993	1998	2003	2008	2013	2017
<b>NCR</b>						
Neonatal mortality	15	15	15	15	7	6
Post-Neonatal mortality	12	9	9	7	9	2
Infant mortality	27	24	24	22	8	8
Child mortality	21	15	8	3	6	2
Under-five mortality	47	39	31	24	22	11

Source: Philippine Statistics Authority

Table 9.19

**MEDIAN AGE AT FIRST SEXUAL INTERCOURSE, MARRIAGE AND BIRTH OF WOMEN AGE 25-49 BY ITEM, AND BY YEAR, PHL AND NCR: 1993, 1998, 2003, 2008, 2013 AND 2017**

Item	1993	1998	2003	2008	2013	2017
<b>PHL</b>						
First Sexual Intercourse	21.8	22.1	21.9	21.5	21.5	21.2
First Marriage	21.6	22.1	22.0	22.2	22.3	22.5
First Birth	22.8	23.3	23.2	23.2	23.5	23.5
<b>NCR</b>						
First Sexual Intercourse	23.9	24.1	23.5	22.6	22.4	22.4
First Marriage	24.0	24.0	23.8	23.7	23.7	24.2
First Birth	-	-	23.6	24.8	25.0	-

Source: Philippine Statistics Authority

Table 9.20

**FERTILITY RATE BY TYPE, AND BY YEAR, PHL AND NCR: 1993, 1998, 2003, 2008, 2013 AND 2017**

Type of Fertility Rate	1993	1998	2003	2008	2013	2017
<b>PHL</b>						
Total Fertility rate	4.1	3.7	3.5	3.3	3.0	2.7
General Fertility rate	138	126	119	110	101	89
<b>NCR</b>						
Total Fertility rate	2.8	2.5	2.8	2.3	2.3	1.9
General Fertility rate	95	82	95	80	82	63

Source: Philippine Statistics Authority



## Chapter 10 **Education**

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Data on the region's educational system are essential in the planning, implementation and supervision of programs in this field. The primary goal of these programs is to develop a meaningful and efficient system in NCR in order to update the quality of our educational system at all levels. Education is crucial in bringing the desired behavioral and attitudinal changes in the population to effect socio-economic development. Literacy calls for serious efforts to continuously improve and promote the accessibility of our educational system to changes in the socio-economic pretense a challenge to our decision makers and educators. To address these challenges in the most efficient and effective way, an adequate and timely supply of data focusing on the levels and state of resources of our educational system is in fact vital.

This chapter presents data on important aspects of the educational system at the regional down to the city/municipal levels. The statistics presented include enrolment and number of school and graduate in government and private. The chapter contains several desired indicators, performance indicators, literacy rates and highest grade completed to mention some. The basic sources of data are the Department of Education (DepEd), the Commission on Higher Education (CHED) and the Philippine Statistics Authority (PSA).

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Table 10.1

**NUMBER OF GOVERNMENT AND PRIVATE ELEMENTARY SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2013-14 to SY 2017-18**

Division	Government					Private				
	2015-16	2016-17	2015-16	2016-17	2017-18	2013-14	2014-15	2015-16	2016-17	2017-18
<b>NCR</b>	<b>519</b>	<b>517</b>	<b>519</b>	<b>517</b>	<b>520</b>	<b>1,590</b>	<b>1,572</b>	<b>1,651</b>	<b>1,977</b>	<b>2,169</b>
City of Manila	73	73	73	73	73	116	116	108	159	192
City of Mandaluyong	18	18	18	18	19	32	33	43	44	48
City of Marikina	17	17	17	17	17	93	95	94	99	111
City of Pasig	28	28	28	28	28	125	131	132	128	144
Quezon City	96	96	96	96	96	425	429	447	531	585
City of San Juan	8	8	8	8	8	25	27	27	25	25
Caloocan City	56	54	56	54	56	130	114	121	212	225
City of Malabon	28	28	28	28	28	41	41	43	46	46
City of Navotas	15	15	15	15	15	16	15	16	18	19
City of Valenzuela	39	39	39	39	39	77	75	78	89	89
City of Las Piñas	22	22	22	22	22	78	68	97	126	145
City of Makati	27	27	27	27	27	81	79	78	79	85
City of Muntinlupa	19	19	19	19	19	84	84	87	86	89
City of Parañaque	22	22	22	22	22	90	90	96	122	139
Pasay City	21	21	21	21	21	42	39	39	49	51
Taguig City/Pateros	30	30	30	30	30	135	136	145	164	176

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.2

**NUMBER OF GOVERNMENT AND PRIVATE SECONDARY SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2013-14 to SY 2017-18**

Division	Government					Private				
	2013-14	2014-15	2015-16	2016-17	2017-18	2013-14	2014-15	2015-16	2016-17	2017-18
<b>NCR</b>	<b>251</b>	<b>252</b>	<b>259</b>	<b>262</b>	<b>267</b>	<b>826</b>	<b>818</b>	<b>842</b>	<b>948</b>	<b>988</b>
City of Manila	33	33	33	33	34	91	91	90	112	112
City of Mandaluyong	11	11	11	12	12	10	12	13	13	13
City of Marikina	14	15	15	15	15	29	29	30	37	38
City of Pasig	12	12	12	12	13	45	53	51	56	60
Quezon City	46	46	46	46	47	234	230	240	274	291
City of San Juan	1	1	1	1	1	15	15	14	15	15
Caloocan City	32	32	32	31	31	76	67	73	87	88
City of Malabon	12	12	12	12	12	18	16	15	16	16
City of Navotas	6	6	6	7	8	4	3	3	4	3
City of Valenzuela	19	19	19	19	19	40	42	42	43	42
City of Las Piñas	11	11	12	13	13	45	41	46	51	53
City of Makati	10	10	10	10	10	27	25	25	26	32
City of Muntinlupa	8	8	8	8	8	47	46	47	45	45
City of Parañaque	10	10	10	11	12	57	61	59	67	71
Pasay City	11	11	12	12	12	20	19	19	23	23
Taguig City/Pateros	15	15	20	20	20	68	68	75	79	86

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.3a

**ENROLMENT IN GOVERNMENT SCHOOLS BY DIVISION, SEX, AND BY GRADE LEVEL,  
NCR: SY 2016-17**

Division/ Sex	Total	Elementary Level					
		I	II	III	IV	V	VI
<b>NCR</b>							
<b>Both Sexes</b>	<b>1,165,505</b>	<b>174,426</b>	<b>189,317</b>	<b>201,099</b>	<b>200,488</b>	<b>205,202</b>	<b>194,973</b>
<b>Male</b>	<b>601,340</b>	<b>90,110</b>	<b>97,590</b>	<b>104,028</b>	<b>103,886</b>	<b>106,546</b>	<b>99,180</b>
<b>Female</b>	<b>564,165</b>	<b>84,316</b>	<b>91,727</b>	<b>97,071</b>	<b>96,602</b>	<b>98,656</b>	<b>95,793</b>
City of Manila							
Both Sexes	167,392	28,174	27,295	28,647	28,348	28,198	26,730
Male	85,728	14,636	13,880	14,701	14,613	14,419	13,479
Female	81,664	13,538	13,415	13,946	13,735	13,779	13,251
City of Mandaluyong							
Both Sexes	29,811	5,079	5,048	5,145	4,696	4,983	4,860
Male	15,474	2,704	2,612	2,681	2,372	2,631	2,474
Female	14,337	2,375	2,436	2,464	2,324	2,352	2,386
City of Marikina							
Both Sexes	41,426	5,706	6,465	7,102	7,271	7,399	7,483
Male	21,516	2,899	3,402	3,631	3,813	3,891	3,880
Female	19,910	2,807	3,063	3,471	3,458	3,508	3,603
City of Pasig							
Both Sexes	69,367	9,708	11,741	12,233	11,765	12,113	11,807
Male	35,737	4,930	6,099	6,329	6,069	6,239	6,071
Female	33,630	4,778	5,642	5,904	5,696	5,874	5,736
Quezon City							
Both Sexes	240,239	34,058	39,220	40,957	42,212	43,567	40,225
Male	124,277	17,506	20,249	21,234	21,987	22,709	20,592
Female	115,992	16,552	18,971	19,723	20,225	20,858	19,663
City of San Juan							
Both Sexes	7,086	1,112	1,139	1,217	1,164	1,264	1,190
Male	3,705	572	610	661	565	678	619
Female	3,381	540	529	556	599	586	571
Caloocan City							
Both Sexes	152,684	23,982	24,352	26,662	26,261	26,617	24,810
Male	78,614	12,309	12,506	13,775	13,643	13,828	12,553
Female	74,070	11,673	11,846	12,887	12,618	12,789	12,257
City of Malabon							
Both Sexes	44,623	6,416	6,897	7,859	7,880	8,161	7,410
Male	23,249	3,269	3,616	4,153	4,118	4,309	3,784
Female	21,374	3,147	3,281	3,706	3,762	3,852	3,626
City of Navotas							
Both Sexes	28,461	4,060	4,420	5,076	5,210	5,126	4,569
Male	14,723	2,082	2,283	2,610	2,708	2,721	2,319
Female	13,738	1,978	2,137	2,466	2,502	2,405	2,250

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

Not including enrolment of laboratory schools of SUCs.

Table 10.3a - concluded

Division/ Sex	Total	Elementary Level					
		I	II	III	IV	V	VI
City of Valenzuela							
Both Sexes	70,451	11,088	11,416	12,321	12,002	11,933	11,691
Male	36,398	5,774	5,966	6,347	6,232	6,147	5,932
Female	34,053	5,314	5,450	5,974	5,770	5,786	5,759
City of Las Pinas							
Both Sexes	55,502	7,819	8,518	9,040	9,926	10,367	9,832
Male	28,500	4,077	4,344	4,660	5,086	5,402	4,931
Female	27,002	3,742	4,174	4,380	4,840	4,965	4,901
City of Makati							
Both Sexes	44,829	6,293	7,217	7,626	7,920	7,956	7,817
Male	22,941	3,229	3,677	3,922	4,052	4,130	3,931
Female	21,888	3,064	3,540	3,704	3,868	3,826	3,886
City of Muntinlupa							
Both Sexes	43,289	5,191	7,549	7,868	7,385	7,587	7,709
Male	22,293	2,672	3,866	4,024	3,857	3,942	3,932
Female	20,996	2,519	3,683	3,844	3,528	3,645	3,777
City of Parañaque							
Both Sexes	53,474	7,699	8,771	9,304	8,873	9,324	9,503
Male	27,675	4,016	4,582	4,847	4,643	4,823	4,764
Female	25,799	3,683	4,189	4,457	4,230	4,501	4,739
Pasay City							
Both Sexes	30,577	4,768	4,957	5,276	5,187	5,413	4,976
Male	15,915	2,496	2,569	2,779	2,695	2,832	2,544
Female	14,662	2,272	2,388	2,497	2,492	2,581	2,432
Taguig City/Pateros							
Both Sexes	86,294	13,273	14,312	14,766	14,388	15,194	14,361
Male	44,595	6,939	7,329	7,674	7,433	7,845	7,375
Female	41,699	6,334	6,983	7,092	6,955	7,349	6,986

Table 10.3b

**ENROLMENT IN PRIVATE SCHOOLS BY DIVISION, SEX AND BY GRADE LEVEL, NCR: SY 2016-17**

Division/ Sex	Total	Elementary Level					
		I	II	III	IV	V	VI*
<b>NCR</b>							
<b>Both Sexes</b>	<b>228,910</b>	<b>39,183</b>	<b>39,573</b>	<b>39,512</b>	<b>38,229</b>	<b>37,086</b>	<b>35,327</b>
<b>Male</b>	<b>115,827</b>	<b>19,964</b>	<b>19,974</b>	<b>19,936</b>	<b>19,606</b>	<b>18,638</b>	<b>17,709</b>
<b>Female</b>	<b>113,083</b>	<b>19,219</b>	<b>19,599</b>	<b>19,576</b>	<b>18,623</b>	<b>18,448</b>	<b>17,618</b>
City of Manila							
Both Sexes	19,297	3,837	3,091	3,135	3,143	3,088	3,003
Male	9,770	1,957	1,549	1,575	1,612	1,562	1,515
Female	23,427	1,880	15,442	1,560	1,531	1,526	1,488
City of Mandaluyong							
Both Sexes	8,531	1,459	1,463	1,534	1,493	1,422	1,160
Male	5,677	952	946	1,020	1,018	972	769
Female	2,854	507	517	514	475	450	391
City of Marikina							
Both Sexes	12,706	2,069	2,176	2,300	2,120	2,043	1,998
Male	15,544	1,041	1,091	1,162	1,067	1,038	10,145
Female	6,292	1,028	1,085	1,138	1,053	1,005	983
City of Pasig							
Both Sexes	20,874	3,568	3,702	3,669	3,456	3,309	3,170
Male	10,054	1,723	1,808	1,754	1,633	1,605	1,531
Female	10,820	1,845	1,894	1,915	1,823	1,704	1,639
Quezon City							
Both Sexes	33,552	5,505	5,831	5,788	5,325	5,673	5,430
Male	15,396	2,579	2,652	2,645	2,587	2,461	2,472
Female	18,156	2,926	3,179	3,143	2,738	3,212	2,958
City of San Juan							
Both Sexes	4,553	819	685	678	1,036	691	644
Male	1,736	398	219	200	526	212	181
Female	2,817	421	466	478	510	479	463
Caloocan City							
Both Sexes	25,818	4,559	4,618	4,471	4,338	3,975	3,857
Male	13,414	2,358	2,405	2,298	2,245	2,103	2,005
Female	12,404	2,201	2,213	2,173	2,093	1,872	1,852
City of Malabon							
Both Sexes	6,101	898	1,081	1,084	1,039	1,035	964
Male	3,133	479	540	548	523	547	496
Female	2,968	419	541	536	516	488	468
City of Navotas							
Both Sexes	1,470	241	284	242	248	236	219
Male	779	116	160	127	122	136	118
Female	691	125	124	115	126	100	101

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

\*\*\* does not include Grade 7 and Grade 8

Table 10.3b - concluded

Division/ Sex	Total	Elementary Level					
		I	II	III	IV	V	VI*
City of Valenzuela							
Both Sexes	11,942	1,974	2,078	2,095	2,015	1,901	1,879
Male	6,114	1,026	1,070	1,115	992	958	953
Female	5,828	948	1,008	980	1,023	943	926
City of Las Pinas							
Both Sexes	16,602	2,833	2,778	2,805	2,723	2,850	2,613
Male	8,628	1,500	1,428	1,495	1,411	1,469	1,325
Female	7,974	1,333	1,350	1,310	1,312	1,381	1,288
City of Makati							
Both Sexes	11,658	1,890	2,026	2,084	2,004	1,799	1,855
Male	6,170	1,088	1,077	1,038	1,068	916	983
Female	5,568	882	949	1,046	936	883	872
City of Muntinlupa							
Both Sexes	11,781	1,918	1,962	1,969	2,023	2,001	1,908
Male	6,056	942	976	1,040	1,066	1,030	1,002
Female	5,725	976	986	929	957	971	906
City of Parañaque							
Both Sexes	17,365	2,930	2,906	2,993	2,937	2,933	2,666
Male	8,784	1,464	1,502	1,526	1,486	1,470	1,336
Female	8,581	1,466	1,404	1,467	1,451	1,463	1,330
Pasay City							
Both Sexes	6,657	1,102	1,157	1,133	1,119	1,077	1,069
Male	3,401	555	595	598	568	560	525
Female	3,256	547	562	535	551	517	544
Taguig City/Pateros							
Both Sexes	20,003	3,581	3,735	3,532	3,210	3,053	2,892
Male	10,381	1,866	1,956	1,795	1,682	1,599	1,483
Female	9,622	1,715	1,779	1,737	1,528	1,454	1,409

Table 10.4a

**ENROLMENT IN GOVERNMENT SCHOOL BY DIVISION, BY SEX AND BY SECONDARY LEVEL, NCR: SY 2015-16**

Division/ Sex	Total	Secondary Level					
		VII	VIII	IX	X	XI	XII
<b>NCR</b>							
<b>Both Sexes</b>	<b>671,545</b>	<b>180,614</b>	<b>174,511</b>	<b>166,685</b>	<b>149,488</b>	<b>97</b>	<b>150</b>
<b>Male</b>	<b>333,747</b>	<b>92,018</b>	<b>87,638</b>	<b>82,149</b>	<b>71,801</b>	<b>45</b>	<b>96</b>
<b>Female</b>	<b>337,798</b>	<b>88,596</b>	<b>86,873</b>	<b>84,536</b>	<b>77,687</b>	<b>52</b>	<b>54</b>
City of Manila							
Both Sexes	84,213	23,041	21,580	21,111	18,481	-	-
Male	41,066	11,630	10,612	10,241	8,583	-	-
Female	43,147	11,411	10,968	10,870	9,898	-	-
City of Mandaluyong							
Both Sexes	17,704	4,647	4,636	4,350	4,071	-	-
Male	8,962	2,443	2,367	2,162	1,990	-	-
Female	8,742	2,204	2,269	2,188	2,081	-	-
City of Marikina							
Both Sexes	28,319	7,552	7,198	7,082	6,369	22	96
Male	13,840	3,803	3,557	3,411	2,999	13	57
Female	14,479	3,749	3,641	3,671	3,370	9	39
City of Pasig							
Both Sexes	48,590	13,345	12,848	12,027	10,308	41	21
Male	24,080	6,846	6,430	5,879	4,897	13	15
Female	24,510	6,499	6,418	6,148	5,411	28	6
Quezon City							
Both Sexes	144,389	37,960	37,505	36,162	32,695	34	33
Male	71,639	19,260	18,713	17,871	15,752	19	24
Female	72,750	18,700	18,792	18,291	16,943	15	9
City of San Juan							
Both Sexes	3,161	875	845	782	659	-	-
Male	1,631	459	430	419	323	-	-
Female	1,530	416	415	363	336	-	-
Caloocan City							
Both Sexes	90,057	23,926	23,307	22,625	20,199	-	-
Male	45,427	12,202	11,975	11,450	9,800	-	-
Female	44,630	11,724	11,332	11,175	10,399	-	-
City of Malabon							
Both Sexes	21,570	5,928	5,541	5,268	4,833	-	-
Male	10,669	2,937	2,796	2,566	2,370	-	-
Female	10,901	2,991	2,745	2,702	2,463	-	-
City of Navotas							
Both Sexes	13,298	3,750	3,485	3,278	2,785	-	-
Male	6,709	1,975	1,742	1,646	1,346	-	-
Female	6,589	1,775	1,743	1,632	1,439	-	-

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

"-" means 0

Table 10.4a - concluded

Division/ Sex	Total	Secondary Level					
		VII	VIII	IX	X	XI	XII
City of Valenzuela							
Both Sexes	42,487	11,677	11,235	10,295	9,280	-	-
Male	21,475	5,971	5,758	5,174	4,572	-	-
Female	21,012	5,706	5,477	5,121	4,708	-	-
City of Las Pinas							
Both Sexes	29,233	7,978	7,738	7,194	6,323	-	-
Male	14,311	4,052	3,827	3,445	2,987	-	-
Female	14,922	3,926	3,911	3,749	3,336	-	-
City of Makati							
Both Sexes	31,642	7,757	8,063	7,898	7,924	-	-
Male	15,921	3,953	4,107	3,916	3,945	-	-
Female	15,721	3,804	3,956	3,982	3,979	-	-
City of Muntinlupa							
Both Sexes	24,233	6,715	6,405	5,848	5,265	-	-
Male	11,886	3,366	3,197	2,825	2,498	-	-
Female	12,347	3,349	3,208	3,023	2,767	-	-
City of Parañaque							
Both Sexes	33,348	9,089	9,110	8,250	6,899	-	-
Male	16,688	4,753	4,609	4,050	3,276	-	-
Female	16,660	4,336	4,501	4,200	3,623	-	-
Pasay City							
Both Sexes	19,013	5,033	4,865	4,755	4,360	-	-
Male	9,454	2,549	2,459	2,305	2,141	-	-
Female	9,559	2,484	2,406	2,450	2,219	-	-
Taguig City/Pateros							
Both Sexes	40,288	11,341	10,150	9,760	9,037	-	-
Male	19,989	5,819	5,059	4,789	4,322	-	-
Female	20,299	5,522	5,091	4,971	4,715	-	-

Table 10.4b

**ENROLMENT IN PRIVATE SCHOOL BY DIVISION, BY SEX AND BY SECONDARY LEVEL,  
NCR: SY 2015-16**

Division/ Sex	Total	Secondary Level					
		VII	VIII	IX	X	XI	XII
<b>NCR</b>							
<b>Both Sexes</b>	<b>204,239</b>	<b>47,841</b>	<b>48,071</b>	<b>48,980</b>	<b>49,046</b>	<b>6,261</b>	<b>4,040</b>
<b>Male</b>	<b>111,091</b>	<b>26,133</b>	<b>26,303</b>	<b>26,446</b>	<b>26,604</b>	<b>3,313</b>	<b>2,292</b>
<b>Female</b>	<b>93,148</b>	<b>21,708</b>	<b>21,768</b>	<b>22,534</b>	<b>22,442</b>	<b>2,948</b>	<b>1,748</b>
City of Manila							
Both Sexes	31,156	7,278	7,393	7,940	7,997	548	-
Male	15,780	3,662	3,768	4,007	4,058	285	-
Female	15,376	3,616	3,625	3,933	3,939	263	-
City of Mandaluyong							
Both Sexes	8,143	1,633	1,789	1,807	2,020	459	435
Male	6,181	1,198	1,300	1,329	1,489	430	435
Female	1,962	435	489	478	531	29	-
City of Marikina							
Both Sexes	7,859	1,880	1,945	2,042	1,985	7	-
Male	3,894	940	956	1,015	979	4	-
Female	3,965	940	989	1,027	1,006	3	-
City of Pasig							
Both Sexes	14,052	3,282	3,324	3,348	3,282	446	370
Male	6,049	1,499	1,471	1,523	1,514	42	-
Female	8,003	1,783	1,853	1,825	1,768	404	370
Quezon City							
Both Sexes	55,693	12,704	12,572	12,993	13,274	2,513	1,637
Male	27,994	6,276	6,384	6,507	6,540	1,299	988
Female	27,699	6,428	6,188	6,486	6,734	1,214	649
City of San Juan							
Both Sexes	6,021	1,179	1,206	1,253	1,299	536	548
Male	3,124	622	634	609	667	293	299
Female	2,897	557	572	644	632	243	249
Caloocan City							
Both Sexes	17,429	4,498	4,351	4,377	4,126	77	-
Male	8,827	2,344	2,155	2,227	2,068	33	-
Female	8,602	2,154	2,196	2,150	2,058	44	-
City of Malabon							
Both Sexes	5,728	1,421	1,455	1,377	1,433	42	-
Male	2,822	697	743	663	691	28	-
Female	2,906	724	712	714	742	14	-
City of Navotas							
Both Sexes	1,898	539	506	439	414	-	-
Male	932	267	240	226	199	-	-
Female	966	272	266	213	215	-	-

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

"-" means 0

Table 10.4b - concluded

Division/ Sex	Total	Secondary Level					
		VII	VIII	IX	X	XI	XII
City of Valenzuela							
Both Sexes	11,772	3,049	2,989	2,892	2,842	-	-
Male	5,920	1,547	1,544	1,407	1,422	-	-
Female	5,852	1,502	1,445	1,485	1,420	-	-
City of Las Pinas							
Both Sexes	9,630	2,353	2,461	2,377	2,410	29	-
Male	4,842	1,173	1,248	1,169	1,238	14	-
Female	4,788	1,180	1,213	1,208	1,172	15	-
City of Makati							
Both Sexes	8,294	1,809	1,788	1,782	1,692	680	543
Male	4,122	978	923	905	875	237	204
Female	4,172	831	865	877	817	443	339
City of Muntinlupa							
Both Sexes	12,567	2,730	2,818	3,030	2,916	642	431
Male	6,607	1,444	1,463	1,536	1,508	366	290
Female	5,960	1,286	1,355	1,494	1,408	276	141
City of Parañaque							
Both Sexes	8,335	1,849	1,956	2,037	2,097	263	133
Male	4,151	913	972	1,036	1,035	122	73
Female	4,184	936	984	1,001	1,062	141	60
Pasay City							
Both Sexes	5,290	1,220	1,313	1,367	1,368	16	6
Male	2,685	597	653	721	702	8	4
Female	2,605	623	660	646	666	8	2
Taguig City/Pateros							
Both Sexes	14,502	3,760	3,734	3,405	3,303	267	33
Male	7,294	1,833	1,904	1,729	1,675	134	19
Female	7,208	1,927	1,830	1,676	1,628	133	14

Table 10.5

**NET ENROLMENT RATIO AND GENDER PARITY RATIO IN GOVERNMENT ELEMENTARY SCHOOL BY DIVISION, BY SCHOOL YEAR, AND BY SEX, NCR: SY 2012-13 to SY 2015-16**

Division	School Year							
	2012 - 2013				2013 - 2014			
	Net Enrolment Ratio			Gender Parity Ratio	Net Enrolment Ratio			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>94.4</b>	<b>92.9</b>	<b>96.1</b>	<b>1.0</b>	<b>92.5</b>	<b>91.3</b>	<b>93.8</b>	<b>1.0</b>
City of Manila	98.0	96.1	99.9	1.0	88.0	86.8	89.2	1.0
City of Mandaluyong	97.0	101.4	91.8	0.9	96.8	100.9	92.0	0.9
City of Marikina	101.9	100.9	103.0	1.0	99.7	98.4	101.1	1.0
City of Pasig	106.0	102.1	110.2	1.1	106.0	102.6	109.7	1.1
Quezon City	90.7	88.4	92.9	1.0	90.3	88.8	92.0	1.0
City of San Juan	121.1	127.3	115.3	0.9	115.2	121.8	109.0	0.9
Caloocan City	80.7	79.7	81.8	1.0	80.0	78.8	81.2	1.0
City of Malabon	106.0	105.8	106.2	1.0	103.9	103.7	104.2	1.0
City of Navotas	86.5	85.3	87.8	1.0	84.5	84.4	84.5	1.0
City of Valenzuela	101.7	100.5	102.9	1.0	99.8	98.9	100.7	1.0
City of Las Piñas	94.0	92.1	96.0	1.0	95.8	94.5	97.2	1.0
City of Makati	107.7	106.5	108.9	1.0	103.6	102.3	105.0	1.0
City of Muntinlupa	99.0	98.1	100.0	1.0	99.2	98.7	99.8	1.0
City of Parañaque	95.2	90.3	100.7	1.1	91.5	87.0	96.6	1.1
Pasay City	81.5	81.1	82.0	1.0	81.5	81.7	81.4	1.0
Taguig City/Pateros	98.2	97.0	99.4	1.0	101.1	100.2	102.1	1.0

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

Table 10.5 - concluded

Division	School Year							
	SY 2014 - 2015				SY 2015 - 2016			
	Net Enrolment Ratio			Gender Parity Ratio	Net Enrolment Ratio			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>89.6</b>	<b>88.3</b>	<b>91.1</b>	<b>1.0</b>	<b>75.3</b>	<b>72.6</b>	<b>78.3</b>	<b>1.1</b>
City of Manila	89.3	87.9	90.7	1.0	75.0	71.0	79.2	1.1
City of Mandaluyong	95.0	98.7	90.7	0.9	80.7	78.2	83.6	1.1
City of Marikina	97.1	96.0	98.3	1.0	74.8	72.6	77.2	1.1
City of Pasig	102.5	99.3	105.9	1.1	88.4	84.4	92.7	1.1
Quezon City	88.2	84.5	88.0	1.0	71.1	68.5	73.9	1.1
City of San Juan	109.3	117.3	101.7	0.9	91.9	101.5	82.5	0.8
Caloocan City	77.9	76.7	79.1	1.0	64.7	61.6	68.0	1.1
City of Malabon	101.8	101.0	102.8	1.0	86.1	83.7	88.8	1.1
City of Navotas	81.6	80.7	82.6	1.0	66.6	65.0	68.3	1.1
City of Valenzuela	99.2	98.1	100.4	1.0	85.8	84.7	86.9	1.0
City of Las Piñas	80.0	77.9	82.2	1.1	68.3	65.1	71.6	1.1
City of Makati	100.4	99.3	101.6	1.0	85.3	83.6	87.1	1.0
City of Muntinlupa	95.4	94.5	96.3	1.0	86.2	82.2	90.5	1.1
City of Parañaque	89.7	85.2	94.8	1.1	72.1	68.0	76.7	1.1
Pasay City	77.6	78.0	77.1	1.0	66.3	67.4	65.2	1.0
Taguig City/Pateros	101.1	100.0	102.2	1.0	88.8	85.7	92.1	1.1

Table 10.6

**NET ENROLMENT RATIO AND GENDER PARITY RATIO IN GOVERNMENT SECONDARY SCHOOL BY DIVISION, BY SCHOOL YEAR, AND BY SEX, NCR: SY 2012-13 to SY 2015-16**

Division	School Year							
	2012 - 2013				2013 - 2014			
	Net Enrolment Ratio			Gender Parity Ratio	Net Enrolment Ratio			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>77.5</b>	<b>74.3</b>	<b>80.7</b>	<b>1.1</b>	<b>76.3</b>	<b>73.8</b>	<b>78.9</b>	<b>1.1</b>
City of Manila	81.0	75.6	86.5	1.1	68.6	64.8	72.5	1.1
City of Mandaluyong	84.3	91.5	77.1	0.8	86.0	98.1	73.8	0.8
City of Marikina	83.0	79.0	87.2	1.1	83.3	78.9	87.9	1.1
City of Pasig	94.6	89.0	100.3	1.1	97.2	91.6	103.0	1.1
Quezon City	74.2	71.3	77.2	1.1	74.0	71.7	76.4	1.1
City of San Juan	81.6	81.5	81.8	1.0	82.8	86.2	79.7	0.9
Caloocan City	68.2	65.0	71.5	1.1	67.5	64.8	70.2	1.1
City of Malabon	77.6	73.9	81.5	1.1	76.6	73.4	80.0	1.1
City of Navotas	54.7	51.7	57.8	1.1	55.0	52.7	57.4	1.1
City of Valenzuela	90.0	87.4	92.6	1.1	90.7	88.3	93.2	1.1
City of Las Piñas	76.2	73.6	78.8	1.1	78.2	75.6	80.9	1.1
City of Makati	93.5	91.9	95.0	1.0	91.6	90.8	92.4	1.0
City of Muntinlupa	82.1	79.2	85.1	1.1	85.7	82.8	88.8	1.1
City of Parañaque	75.6	70.6	80.9	1.2	76.1	71.3	81.1	1.1
Pasay City	72.4	69.9	74.9	1.1	72.1	69.9	74.5	1.1
Taguig City/Pateros	70.9	69.2	72.6	1.1	75.8	73.7	77.9	1.1

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

Table 10.6 - concluded

Division	School Year							
	2014 - 2015				2015 - 2016			
	Net Enrolment Ratio			Gender Parity Ratio	Net Enrolment Ratio			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>72.2</b>	<b>69.5</b>	<b>75.0</b>	<b>1.1</b>	<b>75.5</b>	<b>73.0</b>	<b>78.1</b>	<b>1.1</b>
City of Manila	67.4	63.9	70.9	1.1	72.2	69.1	75.4	1.1
City of Mandaluyong	83.5	93.9	72.9	0.8	85.9	95.6	76.1	0.8
City of Marikina	81.7	77.3	86.3	1.1	84.3	79.6	89.2	1.1
City of Pasig	94.5	88.3	100.9	1.1	97.4	91.2	103.6	1.1
Quezon City	69.4	66.6	72.1	1.1	71.3	68.9	73.6	1.1
City of San Juan	80.6	86.4	75.3	0.9	80.9	86.8	75.5	0.9
Caloocan City	62.7	60.3	65.2	1.1	66.4	64.3	68.5	1.1
City of Malabon	73.3	69.5	77.1	1.1	75.2	71.6	78.9	1.1
City of Navotas	53.0	50.4	55.6	1.1	55.6	53.7	57.5	1.1
City of Valenzuela	90.1	87.1	93.1	1.1	95.4	92.8	98.0	1.1
City of Las Piñas	57.6	55.0	60.2	1.1	70.3	67.4	73.3	1.1
City of Makati	87.2	85.8	88.6	1.0	88.4	87.2	89.6	1.0
City of Muntinlupa	82.9	80.4	85.6	1.1	85.0	81.4	88.6	1.1
City of Parañaque	74.3	69.5	79.4	1.1	70.9	67.0	75.0	1.1
Pasay City	65.5	62.6	68.5	1.1	67.4	64.7	70.2	1.1
Taguig City/Pateros	73.1	70.2	76.0	1.1	79.0	76.2	81.9	1.1

Table 10.7

**COHORT SURVIVAL RATE AND GENDER PARITY RATIO IN GOVERNMENT ELEMENTARY SCHOOLS BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2012-13 to SY 2015-16**

Division	School Year							
	2012 - 2013				2013 - 2014			
	Cohort Survival Rate			Gender Parity Ratio	Cohort Survival Rate			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>79.6</b>	<b>75.9</b>	<b>83.7</b>	<b>1.1</b>	<b>85.1</b>	<b>82.4</b>	<b>88.1</b>	<b>1.1</b>
City of Manila	74.2	70.7	78.0	1.1	76.4	73.0	80.2	1.1
City of Mandaluyong	84.3	82.6	86.1	1.1	93.6	93.3	93.6	1.0
City of Marikina	82.5	77.3	88.5	1.1	89.9	87.5	92.5	1.1
City of Pasig	90.3	87.6	92.9	1.0	92.5	89.3	95.7	1.1
Quezon City	78.8	75.1	82.9	1.1	83.8	81.9	85.8	1.0
City of San Juan	79.2	75.3	83.6	1.1	77.8	79.0	76.1	1.0
Caloocan City	82.3	79.1	85.9	1.1	87.6	85.0	90.5	1.1
City of Malabon	68.0	65.2	71.1	1.1	81.6	77.8	85.8	1.1
City of Navotas	65.5	61.9	69.5	1.1	72.7	70.4	75.1	1.1
City of Valenzuela	86.3	82.5	90.1	1.1	88.3	85.8	90.8	1.1
City of Las Piñas	77.1	72.4	82.5	1.1	86.0	82.9	89.4	1.1
City of Makati	83.4	80.1	87.1	1.1	87.9	84.3	91.7	1.1
City of Muntinlupa	81.5	77.1	86.5	1.1	86.0	81.7	90.9	1.1
City of Parañaque	77.4	72.7	82.6	1.1	85.6	83.5	87.9	1.0
Pasay City	75.5	70.0	81.9	1.1	88.2	84.5	92.4	1.0
Taguig City/Pateros	88.3	85.3	91.2	1.1	93.4	91.1	95.8	1.0

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

Table 10.7 - concluded

Division	School Year							
	2014 - 2015				2015 - 2016			
	Cohort Survival Rate			Gender Parity Ratio	Cohort Survival Rate			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>NCR</b>	<b>79.6</b>	<b>76.8</b>	<b>82.7</b>	<b>1.1</b>	<b>85.3</b>	<b>82.5</b>	<b>88.3</b>	<b>1.1</b>
City of Manila	72.1	69.5	75.0	1.1	73.6	70.9	76.5	1.1
City of Mandaluyong	79.2	76.1	82.7	1.1	85.9	81.4	91.0	1.1
City of Marikina	87.3	86.1	88.7	1.0	91.4	88.6	94.4	1.1
City of Pasig	83.9	81.7	86.3	1.0	92.8	90.8	94.3	1.0
Quezon City	81.0	77.8	84.6	1.1	82.9	70.7	85.3	1.0
City of San Juan	69.0	69.3	69.0	1.0	68.7	65.5	72.0	1.1
Caloocan City	80.8	78.1	83.7	1.1	91.0	87.6	94.7	1.1
City of Malabon	81.3	79.4	83.5	1.0	89.6	85.3	94.6	1.1
City of Navotas	73.7	69.7	78.5	1.1	78.7	75.6	82.3	1.1
City of Valenzuela	87.3	85.0	89.8	1.1	97.8	95.3	99.3	1.0
City of Las Piñas	71.9	68.0	76.4	1.1	92.4	88.9	95.4	1.1
City of Makati	85.1	84.3	86.0	1.0	85.6	83.1	88.2	1.1
City of Muntinlupa	80.3	76.7	84.5	1.1	88.7	85.7	92.1	1.0
City of Parañaque	78.7	75.7	82.1	1.1	79.5	77.1	82.0	1.0
Pasay City	66.9	64.0	70.1	1.1	73.4	72.1	74.9	1.0
Taguig City/Pateros	89.0	85.9	92.3	1.1	92.4	89.9	95.1	1.0

Table 10.8

**COHORT SURVIVAL RATE AND GENDER PARITY RATIO IN GOVERNMENT SECONDARY SCHOOL BY DIVISION, BY SCHOOL YEAR, AND BY SEX, NCR: SY 2012-13 to SY 2015-16**

Division	School Year							
	2012 - 2013				2013 - 2014			
	Cohort Survival Rate			Gender Parity Ratio	Cohort Survival Rate			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>SY 2012-13</b>								
<b>NCR</b>	<b>78.0</b>	<b>71.9</b>	<b>84.5</b>	<b>1.1</b>	<b>81.2</b>	<b>76.3</b>	<b>86.3</b>	<b>1.1</b>
City of Manila	70.0	63.3	77.0	1.2	73.3	68.7	77.9	1.1
City of Mandaluyong	88.2	84.3	92.1	1.1	83.4	78.3	88.9	1.1
City of Marikina	80.7	75.4	86.1	1.1	84.9	80.1	89.8	1.1
City of Pasig	79.6	74.0	85.5	1.1	82.7	7,810.0	87.6	1.1
Quezon City	79.9	73.7	86.5	1.2	85.6	80.9	90.3	1.1
City of San Juan	72.6	69.0	71.9	1.1	77.9	71.1	85.7	1.3
Caloocan City	79.2	73.1	85.5	1.2	81.1	76.1	86.4	1.1
City of Malabon	74.4	69.6	79.3	1.1	77.1	74.3	79.9	1.1
City of Navotas	69.9	64.6	75.7	1.1	76.8	76.3	77.4	1.0
City of Valenzuela	75.4	66.0	85.6	1.2	81.8	77.0	87.1	1.1
City of Las Piñas	71.3	64.7	78.4	1.2	79.1	72.1	86.4	1.2
City of Makati	87.1	80.5	93.8	1.1	85.8	82.5	89.0	1.1
City of Muntinlupa	77.0	70.8	83.7	1.1	81.4	74.1	89.1	1.1
City of Parañaque	81.0	75.1	87.0	1.1	73.0	64.8	81.7	1.2
Pasay City	77.2	73.6	80.9	1.1	84.7	81.6	88.2	1.0
Taguig City/Pateros	87.1	82.2	92.4	1.1	85.6	79.2	91.7	1.1

Source: Department of Education

Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.

Table 10.8 - concluded

Division	School Year							
	2014 - 2015				2015 - 2016			
	Cohort Survival Rate			Gender Parity Ratio	Cohort Survival Rate			Gender Parity Ratio
	Both Sexes	Male	Female		Both Sexes	Male	Female	
<b>SY 2014-15</b>								
<b>NCR</b>	<b>79.1</b>	<b>74.9</b>	<b>83.5</b>	<b>0.8</b>	<b>78.8</b>	<b>74.2</b>	<b>83.5</b>	<b>1.1</b>
City of Manila	73.5	68.7	78.5	1.1	67.1	62.2	72.2	1.1
City of Mandaluyong	80.3	75.4	85.8	1.1	77.8	70.7	85.6	1.1
City of Marikina	86.1	82.7	89.5	1.0	82.9	77.3	88.5	1.1
City of Pasig	80.3	74.7	86.2	0.4	81.3	74.9	88.0	1.2
Quezon City	76.3	71.8	80.9	0.4	78.1	73.8	82.5	1.1
City of San Juan	76.3	72.8	80.1	1.0	79.0	67.9	88.4	1.2
Caloocan City	81.0	76.8	85.6	1.1	83.9	80.5	87.5	1.1
City of Malabon	87.3	83.5	91.2	1.1	80.6	77.1	84.2	1.1
City of Navotas	78.2	77.5	78.9	1.0	73.0	68.1	78.2	1.1
City of Valenzuela	80.7	75.6	86.4	1.1	88.4	85.3	91.6	1.1
City of Las Piñas	64.3	61.2	67.5	1.1	78.5	73.4	83.6	1.1
City of Makati	84.2	80.5	88.0	1.1	81.9	76.9	87.3	1.1
City of Muntinlupa	85.4	82.4	88.4	1.0	72.6	66.3	79.4	1.1
City of Parañaque	87.2	83.6	91.0	1.1	74.5	71.1	78.0	1.1
Pasay City	77.2	75.6	78.7	1.0	84.3	81.5	87.1	1.1
Taguig City/Pateros	88.1	83.5	92.9	1.1	86.8	82.4	91.1	1.1

Table 10.9

**TEACHER-PUPIL RATIO AND TEACHER-STUDENT RATIO BY DIVISION, NCR: SY 2014-15**

<b>Division</b>	<b>Teacher-Pupil Ratio</b>	<b>Teacher-Student Ratio</b>
<b>NCR</b>	<b>38.4</b>	<b>25.7</b>
City of Manila	29.4	18.8
City of Mandaluyong	35.9	22.8
City of Marikina	38.8	26.6
City of Pasig	41.3	28.8
Quezon City	40.5	26.0
City of San Juan	32.4	25.6
Caloocan City	41.9	27.2
City of Malabon	40.4	27.1
City of Navotas	39.4	27.6
City of Valenzuela	42.9	28.7
City of Las Piñas	42.6	29.8
City of Makati	35.2	25.4
City of Muntinlupa	41.4	29.7
City of Parañaque	43.0	32.1
Pasay City	34.5	25.2
Taguig City/Pateros	43.8	27.1

*Source: Department of Education*

*Note: Data aggregated by DepEd's division office. Not including enrolment of laboratory schools of SUCs.*

*Public School only*

Table 10.10

**PUPIL-CLASSROOM RATIO AND STUDENT-CLASSROOM RATIO BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2008-09 to SY 2012-13**

Division	Pupil-Classroom Ratio					Student-Classroom Ratio				
	2008-09	2009-10	2010-11	2011-12	2012-13	2008-09	2009-10	2010-11	2011-12	2012-13
<b>NCR</b>	<b>77.6</b>	<b>75.6</b>	<b>66.5</b>	<b>65.7</b>	<b>64.9</b>	<b>76.3</b>	<b>78.7</b>	<b>75.8</b>	<b>74.2</b>	<b>72.1</b>
City of Manila	64.3	57.6	53.4	52.3	52.0	55.8	62.6	53.2	51.0	50.6
City of Mandaluyong	51.3	53.0	40.7	42.0	42.0	67.8	64.8	53.8	55.3	44.2
City of Marikina	83.7	76.8	62.1	61.3	61.2	74.6	72.5	71.1	71.7	73.2
City of Pasig	48.5	49.0	42.1	43.6	42.3	45.2	45.1	44.8	47.3	48.1
Quezon City	85.3	86.7	74.1	72.2	72.9	79.3	85.0	79.8	77.0	76.5
City of San Juan	42.0	42.5	36.4	35.3	34.7	70.4	79.5	76.7	77.6	69.0
Caloocan City	105.0	106.1	90.6	84.7	86.3	102.2	100.2	101.4	102.8	98.0
City of Malabon	90.0	93.4	80.0	80.5	77.2	125.8	115.2	108.8	118.5	104.0
City of Navotas	-	90.3	76.6	79.3	73.0	-	125.7	120.1	118.0	105.1
City of Valenzuela	86.6	85.0	79.5	78.0	76.1	100.5	93.5	95.6	99.0	92.2
City of Las Piñas	118.8	111.4	96.5	93.1	87.3	117.2	127.4	135.2	122.2	120.0
City of Makati	57.8	56.0	49.3	48.8	46.5	66.9	68.1	69.7	66.4	64.6
City of Muntinlupa	82.7	73.6	70.3	69.5	68.2	73.3	69.8	85.7	73.1	72.5
City of Parañaque	94.3	95.0	83.2	95.6	87.6	88.6	92.5	89.0	80.8	83.9
Pasay City	58.5	56.2	49.0	51.1	51.5	70.9	68.6	67.9	66.3	64.5
Taguig City/Pateros	100.0	97.6	87.1	81.1	79.4	108.2	106.5	103.6	102.0	83.2

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.11

**PUPIL-FURNITURE RATIO AND STUDENT-FURNITURE RATIO BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2010-11 to SY 2014-15**

Division	Pupil-Furniture Ratio					Student-Furniture Ratio				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>1.7</b>	<b>1.5</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.7</b>	<b>1.6</b>	<b>1.6</b>	<b>1.5</b>	<b>1.2</b>
City of Manila	1.8	1.7	1.5	1.5	1.3	2.0	1.3	1.3	1.3	1.1
City of Mandaluyong	1.2	1.4	1.1	1.0	0.8	1.6	1.2	1.4	1.1	0.5
City of Marikina	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.4	1.5	1.1
City of Pasig	1.3	1.5	1.4	1.4	1.3	1.1	1.2	1.2	1.1	1.1
Quezon City	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.4
City of San Juan	2.0	1.7	1.2	1.1	1.3	1.4	1.3	1.5	1.9	1.5
Caloocan City	1.9	2.3	2.2	2.1	1.7	1.8	1.7	1.8	1.8	1.5
City of Malabon	1.7	1.7	1.6	1.5	1.4	1.8	1.7	1.5	1.7	1.4
City of Navotas	1.7	1.8	1.9	1.6	1.9	2.1	2.2	2.0	1.6	1.8
City of Valenzuela	1.8	2.0	1.8	1.8	1.6	1.8	1.9	1.8	1.6	1.2
City of Las Piñas	1.8	2.2	2.0	2.0	1.8	2.0	2.2	2.0	1.9	1.7
City of Makati	1.6	1.6	1.5	1.5	1.3	1.5	1.6	1.7	1.6	1.3
City of Muntinlupa	1.4	1.7	1.7	1.4	1.8	1.7	1.8	1.8	1.8	1.6
City of Parañaque	2.0	2.1	2.1	1.9	1.4	2.1	1.7	1.9	1.9	1.2
Pasay City	1.4	1.6	1.6	1.6	1.1	1.3	1.5	1.4	1.4	1.0
Taguig City/Pateros	1.6	1.9	1.7	1.7	1.4	1.7	1.7	1.6	1.8	1.3

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.12

**GROSS ENROLMENT RATIO OF ELEMENTARY AND SECONDARY LEVEL PUBLIC SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR:  
SY 2010-11 to SY 2014-15**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>84.1</b>	<b>83.6</b>	<b>101.8</b>	<b>105.7</b>	<b>102.1</b>	<b>74.9</b>	<b>73.2</b>	<b>96.4</b>	<b>94.8</b>	<b>92.1</b>
City of Manila	96.5	96.6	113.6	102.0	101.4	79.7	77.1	104.5	85.2	84.1
City of Mandaluyong	84.5	88.4	113.2	109.7	107.4	80.5	82.8	119.4	112.6	111.1
City of Marikina	83.7	84.2	107.7	114.0	110.8	77.4	76.8	103.1	104.1	102.6
City of Pasig	88.1	86.8	110.1	117.1	114.0	90.1	87.5	116.2	118.2	117.2
Quezon City	77.5	75.3	97.1	102.4	98.8	73.1	69.7	93.4	94.0	90.1
City of San Juan	66.7	63.6	119.7	125.4	120.0	37.2	34.9	96.1	110.0	108.8
Caloocan City	80.6	80.3	90.6	91.8	89.0	73.5	72.4	85.7	83.3	80.9
City of Malabon	97.7	98.8	109.8	119.9	116.5	67.2	67.7	87.4	92.1	91.6
City of Navotas	99.1	97.3	98.7	99.6	95.3	67.7	65.9	69.6	69.5	69.5
City of Valenzuela	87.7	87.5	102.8	113.5	111.2	83.0	83.1	108.3	110.7	110.2
City of Las Piñas	89.7	91.4	110.2	112.5	93.5	72.4	74.8	98.0	95.4	74.8
City of Makati	83.8	82.1	100.6	116.6	111.9	88.1	88.5	106.9	114.0	110.5
City of Muntinlupa	79.5	79.6	100.6	111.7	107.9	64.6	63.5	93.7	104.9	105.3
City of Parañaque	77.4	78.3	99.3	104.8	103.1	69.4	67.5	96.0	92.6	95.8
Pasay City	73.2	73.2	84.9	94.3	88.1	75.9	73.4	91.6	88.5	82.5
Taguig City/Pateros	82.4	84.0	103.6	116.9	115.3	66.2	64.8	85.9	93.1	94.1

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.13

**NET ENROLMENT RATIO OF ELEMENTARY AND SECONDARY LEVEL PUBLIC SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2010-11 to 2014-15**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>72.0</b>	<b>72.3</b>	<b>88.0</b>	<b>92.5</b>	<b>89.6</b>	<b>57.7</b>	<b>57.1</b>	<b>77.0</b>	<b>76.3</b>	<b>72.4</b>
City of Manila	82.9	83.2	96.6	88.0	89.3	61.9	60.8	84.8	68.6	68.0
City of Mandaluyong	73.8	77.0	96.8	96.8	95.0	60.7	63.4	88.9	86.0	85.7
City of Marikina	70.5	71.6	93.8	99.7	97.1	60.3	60.1	82.2	83.3	81.7
City of Pasig	78.6	78.3	97.3	106.0	102.4	70.5	69.8	94.4	97.2	94.5
Quezon City	66.3	65.1	84.0	90.3	86.2	54.9	52.7	73.1	74.0	69.5
City of San Juan	59.1	57.6	105.8	115.2	109.3	28.2	31.3	74.4	82.8	80.5
Caloocan City	69.1	69.3	78.6	80.0	77.8	58.1	55.5	69.0	67.4	62.7
City of Malabon	82.3	85.4	95.8	103.9	101.8	49.5	54.3	72.6	76.6	73.3
City of Navotas	87.5	84.3	83.2	84.5	81.6	52.4	51.9	54.4	55.0	53.0
City of Valenzuela	73.3	75.6	91.0	99.8	99.2	62.8	66.0	88.8	90.7	90.1
City of Las Piñas	74.8	78.0	92.6	95.8	80.0	55.8	58.9	79.4	78.2	57.6
City of Makati	72.5	72.3	89.8	103.6	100.4	70.7	72.1	87.6	91.6	87.2
City of Muntinlupa	69.1	68.2	85.7	99.2	95.4	51.5	51.6	76.4	85.7	82.9
City of Parañaque	64.9	67.1	86.5	91.5	89.7	54.9	54.3	75.6	76.1	74.3
Pasay City	62.5	62.5	73.3	81.5	77.6	59.0	57.0	73.3	72.1	65.5
Taguig City/Pateros	69.5	72.3	88.7	101.1	101.1	49.5	48.5	66.6	75.8	73.1

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.14

**COHORT SURVIVAL RATE OF ELEMENTARY AND SECONDARY LEVEL PUBLIC SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2010-11 to SY 2014-15**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>80.9</b>	<b>81.1</b>	<b>79.6</b>	<b>85.1</b>	<b>79.6</b>	<b>77.9</b>	<b>77.7</b>	<b>78.0</b>	<b>81.3</b>	<b>79.2</b>
City of Manila	78.4	77.9	74.2	76.5	72.1	73.3	68.4	70.0	73.5	73.6
City of Mandaluyong	82.8	98.9	84.3	93.6	79.2	81.3	92.1	88.2	82.8	80.6
City of Marikina	76.2	85.4	82.5	89.9	87.3	77.2	79.8	80.7	84.9	86.1
City of Pasig	81.1	89.3	90.3	92.5	83.9	71.6	77.0	79.6	82.4	80.3
Quezon City	80.9	74.5	78.8	83.8	81.0	80.8	77.2	79.9	85.6	76.3
City of San Juan	75.2	69.8	79.2	77.8	69.0	58.7	46.5	72.6	77.9	76.3
Caloocan City	84.8	84.0	82.3	87.6	80.8	78.5	80.5	79.2	81.1	81.0
City of Malabon	74.7	82.9	68.0	81.6	81.3	76.3	79.1	74.3	80.7	87.3
City of Navotas	70.7	71.2	65.5	72.7	73.7	80.1	73.9	69.9	76.8	78.2
City of Valenzuela	87.0	84.0	86.3	88.3	87.3	79.0	82.4	75.4	81.8	80.7
City of Las Piñas	81.8	83.0	77.1	86.0	71.9	75.0	82.9	71.3	79.1	64.3
City of Makati	86.1	81.8	83.4	87.9	85.1	81.4	85.9	87.1	85.8	84.2
City of Muntinlupa	75.4	80.0	81.5	86.0	80.3	74.7	71.5	76.9	81.4	85.4
City of Parañaque	81.7	75.2	77.4	85.6	78.7	74.3	72.7	81.0	73.0	87.2
Pasay City	76.0	84.4	75.5	88.2	66.9	81.1	81.2	77.2	84.7	77.2
Taguig City/Pateros	88.1	90.9	88.3	93.4	89.0	88.5	87.0	87.1	85.6	88.1

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.15

**COMPLETION RATE OF ELEMENTARY AND SECONDARY LEVEL PUBLIC SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR:SY 2010-11 to SY 2014-15**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>78.0</b>	<b>78.6</b>	<b>77.0</b>	<b>82.4</b>	<b>72.4</b>	<b>71.1</b>	<b>72.3</b>	<b>72.8</b>	<b>76.5</b>	<b>75.5</b>
City of Manila	74.7	74.5	70.7	73.1	36.6	66.3	62.1	64.8	68.2	68.0
City of Mandaluyong	80.1	98.6	81.3	90.7	76.8	75.3	91.2	86.0	78.3	77.8
City of Marikina	72.8	83.5	81.3	87.9	85.2	72.8	76.1	76.8	82.3	84.9
City of Pasig	77.8	86.5	88.2	90.2	82.6	65.7	71.9	74.2	77.9	76.5
Quezon City	77.7	72.6	76.4	80.8	78.9	72.6	72.1	75.0	81.9	72.8
City of San Juan	69.1	65.3	74.4	73.8	64.7	49.8	46.4	69.3	69.2	69.3
Caloocan City	82.0	81.0	79.8	85.0	79.2	71.9	74.9	73.2	75.0	77.4
City of Malabon	71.7	79.9	65.3	78.8	79.3	70.2	72.5	68.6	76.9	85.0
City of Navotas	67.7	67.8	62.5	69.8	71.7	75.4	69.1	65.0	72.7	74.6
City of Valenzuela	85.4	82.5	84.6	86.3	85.9	71.9	75.5	74.3	77.5	75.7
City of Las Piñas	77.7	79.9	74.3	83.7	70.3	66.4	74.6	63.6	71.8	59.5
City of Makati	83.8	79.9	81.1	85.5	83.3	76.2	82.1	82.5	81.0	81.4
City of Muntinlupa	73.9	77.8	79.2	83.7	79.1	70.4	66.7	72.0	77.3	82.8
City of Parañaque	78.9	73.0	74.9	83.7	77.1	65.4	63.3	67.3	66.4	82.9
Pasay City	73.4	82.7	73.4	85.2	64.8	74.8	77.4	73.3	82.0	75.5
Taguig City/Pateros	86.1	88.5	85.9	91.1	87.0	82.9	82.0	82.5	80.1	86.2

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.16

**AVERAGE REPETITION RATE OF ELEMENTARY AND SECONDARY LEVEL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2010-11 to SY**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.0</b>	<b>0.6</b>	<b>4.3</b>	<b>4.3</b>	<b>3.9</b>	<b>3.0</b>	<b>1.2</b>
City of Manila	1.8	1.8	1.8	1.4	0.6	2.9	2.7	2.5	2.1	0.6
City of Mandaluyong	0.8	1.8	1.4	1.4	1.2	4.3	4.5	4.3	4.6	1.9
City of Marikina	1.7	1.4	2.0	1.5	0.7	3.8	4.4	4.0	2.9	1.0
City of Pasig	1.1	1.1	1.0	0.8	0.8	4.7	4.9	4.7	3.7	1.7
Quezon City	1.2	1.1	1.3	0.8	0.6	5.0	4.4	4.0	3.1	1.2
City of San Juan	0.8	0.6	0.5	0.8	0.2	9.7	13.7	4.2	5.5	2.7
Caloocan City	1.7	1.7	1.6	1.1	0.5	4.6	4.9	4.2	3.6	1.1
City of Malabon	1.6	2.1	2.0	0.7	0.3	5.4	5.1	3.4	2.3	0.8
City of Navotas	2.1	2.8	2.3	1.6	0.4	3.5	3.2	2.7	2.2	1.8
City of Valenzuela	1.4	1.3	1.4	1.5	1.3	4.7	4.3	5.1	3.9	1.3
City of Las Piñas	2.0	1.9	1.9	1.0	0.5	3.3	5.4	3.2	2.2	0.7
City of Makati	1.2	1.2	1.1	0.8	0.3	3.6	5.0	4.5	2.7	1.5
City of Muntinlupa	1.7	1.2	1.0	0.5	0.4	3.7	3.2	3.3	2.7	1.3
City of Parañaque	1.6	1.4	1.7	1.1	0.6	4.8	4.2	4.1	3.2	1.3
Pasay City	1.2	1.7	1.4	0.8	0.3	4.0	3.7	3.3	2.2	1.5
Taguig City/Pateros	1.2	1.3	1.7	0.8	0.7	3.7	3.7	4.0	2.4	1.6

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.17

**AVERAGE SCHOOL-LEAVER RATE OF ELEMENTARY AND SECONDARY LEVEL PUBLIC SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR: SY 2010-11 to SY 2014-15**

Division	Elementary Level					Secondary Level				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>4.4</b>	<b>4.4</b>	<b>4.8</b>	<b>3.4</b>	<b>4.6</b>	<b>8.1</b>	<b>8.2</b>	<b>8.1</b>	<b>6.9</b>	<b>7.7</b>
City of Manila	5.1	5.3	6.1	5.5	6.5	9.9	12.0	11.4	10.0	9.9
City of Mandaluyong	3.9	0.2	3.7	1.6	4.6	7.0	3.3	4.4	6.4	7.7
City of Marikina	5.5	2.8	4.1	2.1	2.8	8.6	7.8	7.3	5.6	4.9
City of Pasig	4.3	2.3	2.0	1.7	3.5	10.6	8.8	7.4	6.6	7.3
Quezon City	4.4	6.0	5.0	3.7	4.2	7.1	8.4	7.4	5.3	8.8
City of San Juan	5.7	7.1	4.8	5.1	7.1	16.1	14.5	9.3	7.9	7.8
Caloocan City	3.5	3.7	4.1	2.8	4.3	7.9	7.2	7.6	6.9	6.9
City of Malabon	6.1	3.5	7.8	4.3	4.2	8.9	7.9	9.5	6.8	4.7
City of Navotas	7.1	6.9	8.4	6.5	6.0	7.2	9.6	11.3	8.4	7.9
City of Valenzuela	3.1	3.7	3.2	2.8	2.9	7.7	6.7	8.2	6.9	7.0
City of Las Piñas	4.3	4.0	5.5	3.3	6.5	9.2	6.4	10.9	7.6	13.9
City of Makati	3.1	4.0	3.8	2.7	3.2	6.7	5.3	5.0	5.2	5.6
City of Muntinlupa	5.9	4.7	4.3	3.1	4.3	8.9	10.5	8.5	6.7	5.1
City of Parañaque	4.2	5.9	5.6	3.3	4.8	9.6	10.3	7.2	10.1	5.0
Pasay City	5.6	3.6	5.7	2.6	7.8	7.0	6.9	8.6	5.7	8.6
Taguig City/Pateros	2.4	1.9	2.9	1.5	2.4	4.2	4.8	4.9	5.4	4.3

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.18

**GRADUATION AND PROMOTION RATE FOR PUBLIC AND PRIVATE SECONDARY SCHOOL BY DIVISION, AND BY SCHOOL YEAR, NCR:  
SY 2010-11 to SY 2014-15**

Division	Graduation Rate					Promotion Rate				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
<b>NCR</b>	<b>91.2</b>	<b>127.8</b>	<b>93.0</b>	<b>95.1</b>	<b>86.2</b>	<b>85.0</b>	<b>118.3</b>	<b>89.6</b>	<b>91.9</b>	<b>85.9</b>
City of Manila	89.1	133.1	85.0	92.5	75.6	81.9	119.9	81.5	88.6	77.3
City of Mandaluyong	94.2	137.7	91.0	92.6	93.0	86.7	125.5	86.6	90.4	92.2
City of Marikina	94.2	132.7	96.7	98.3	93.6	86.6	120.6	92.8	95.0	93.4
City of Pasig	91.8	126.0	94.3	95.1	83.9	84.5	116.6	89.7	92.4	84.3
Quezon City	90.7	132.6	95.6	96.0	86.9	84.8	123.6	92.3	92.1	85.9
City of San Juan	88.4	278.8	90.3	95.2	57.6	77.7	244.8	89.3	91.8	57.2
Caloocan City	91.0	112.4	92.4	95.6	83.9	84.5	104.6	88.5	92.7	83.7
City of Malabon	89.5	125.3	95.1	97.3	97.5	84.8	118.1	93.7	96.4	97.9
City of Navotas	92.4	101.2	93.7	94.4	92.7	85.0	94.6	89.7	92.3	92.6
City of Valenzuela	90.3	125.7	94.5	94.1	79.5	86.7	115.7	90.2	91.6	78.9
City of Las Piñas	88.0	125.8	92.2	84.7	90.3	81.7	114.7	89.0	82.2	88.3
City of Makati	93.2	115.1	94.6	96.9	97.9	87.8	107.7	91.1	92.0	96.2
City of Muntinlupa	91.8	146.8	95.2	97.2	83.4	84.4	135.6	92.4	93.5	83.4
City of Parañaque	85.5	127.2	89.0	94.3	80.3	80.6	117.3	85.3	92.5	81.3
Pasay City	93.6	126.1	96.6	96.3	84.8	87.4	115.8	93.1	93.6	83.5
Taguig City/Pateros	92.5	124.5	93.7	96.9	98.8	87.5	121.7	92.5	94.0	98.4

Source: Department of Education

Note: Data aggregated by DepEd's division office.

Table 10.19

**HIGHER EDUCATION GRADUATE BY DISCIPLINE GROUP AND BY CITY/MUNICIPALITY, NCR: AY 2015 - 2016**

Division	Discipline Group											Graduate
	Total	Business & Management	Health Related	Teacher	Information Technology	Engineering and Technology	Architecture and Fine Arts	Criminology and Legal Management	Maritime	Science and Mathematics	Humanities, Social Science and Communications	
<b>NCR</b>	<b>96,764</b>	<b>35,341</b>	<b>8,650</b>	<b>6,008</b>	<b>12,641</b>	<b>8,927</b>	<b>2,678</b>	<b>2,481</b>	<b>1,907</b>	<b>2,044</b>	<b>10,149</b>	<b>5,938</b>
<b>Rate</b>	<b>100.0</b>	<b>36.5</b>	<b>8.9</b>	<b>6.2</b>	<b>13.1</b>	<b>9.2</b>	<b>2.8</b>	<b>2.6</b>	<b>2.0</b>	<b>2.1</b>	<b>10.5</b>	<b>6.1</b>
City of Manila	51,883	19,285	5,682	3,142	3,736	5,177	2,486	1,560	377	1,753	6,085	2,600
Rate	100.0	37.2	11.0	6.1	7.2	10.0	4.8	3.0	0.7	3.4	11.7	5.0
City of Mandaluyong	1,766	946	26	74	408	93	9	75	-	-	46	89
Rate	100.0	53.6	1.5	4.2	23.1	5.3	0.5	4.2	-	-	2.6	5.0
City of Marikina	1,371	62	-	1,016	162	-	5	-	-	-	35	91
Rate	100.0	4.5	-	74.1	11.8	-	0.4	-	-	-	2.6	6.6
City of Pasig	2,177	554	36	67	209	20	-	-	-	6	171	1,114
Rate	100.0	25.4	1.7	3.1	9.6	0.9	-	-	-	0.3	7.9	51.2
Quezon City	19,435	7,443	1,682	780	3,372	1,543	99	370	90	270	2,426	1,360
Rate	100.0	38.3	8.7	4.0	17.4	7.9	0.5	1.9	0.5	1.4	12.5	7.0
City of San Juan	16	10	-	-	-	-	-	-	-	-	4	2
Rate	100.0	62.5	-	-	-	-	-	-	-	-	25.0	12.5
Caloocan City	3,574	1,542	344	98	1,007	243	79	74	-	15	171	1
Rate	100.0	43.1	9.6	2.7	28.2	6.8	2.2	2.1	-	0.4	4.8	0.0
City of Malabon	147	47	4	37	5	-	-	15	-	-	12	27
Rate	100.0	32.0	2.7	25.2	3.4	-	-	10.2	-	-	8.2	18.4
City of Navotas	249	-	-	170	-	-	-	-	-	-	46	33
Rate	100.0	-	-	68.3	-	-	-	-	-	-	18.5	13.3

Source: Department of Education

Note: Data aggregated by DepEd's division office.

"-" means 0

Table 10.19 - concluded

Division	Discipline Group											
	Total	Business & Management	Health Related	Teacher	Information Technology	Engineering and Technology	Architecture and Fine Arts	Criminology and Legal Management	Maritime	Science and Mathematics	Humanities, Social Science and Communications	Graduate
City ofValenzuela	1,262	634	-	238	81	39	-	56	-	-	154	60
Rate	100.0	50.2	-	18.9	6.4	3.1	-	4.4	-	-	12.2	4.8
City ofLas Piñas	2,347	954	271	67	354	116	-	41	280	-	110	154
Rate	100.0	40.6	11.5	2.9	15.1	4.9	-	1.7	11.9	-	4.7	6.6
City ofMakati	4,102	1,285	379	38	1,224	119	-	144	-	-	544	369
Rate	100.0	31.3	9.2	0.9	29.8	2.9	-	3.5	-	-	13.3	9.0
City of Muntinlupa	1,891	910	3	106	480	47	-	70	102	-	173	-
Rate	100.0	48.1	0.2	5.6	25.4	2.5	-	3.7	5.4	-	9.1	-
City ofParañaque	1,676	316	42	67	1,197	5	-	20	-	-	7	22
Rate	100.0	18.9	2.5	4.0	71.4	0.3	-	1.2	-	-	0.4	1.3
Pasay City	3,893	741	177	53	188	1,474	-	56	1,058	-	130	16
Rate	100.0	19.0	4.5	1.4	4.8	37.9	-	1.4	27.2	-	3.3	0.4
Taguig City	975	612	4	55	218	51	-	-	-	-	35	-
Rate	100.0	62.8	0.4	5.6	22.4	5.2	-	-	-	-	3.6	-

Table 10.20

**NATIONAL ACHIEVEMENT TEST OF GRADE 6 BY LEARNING AREA, AND BY SCHOOL YEAR, NCR: SY 2011-12 to SY 2014-15**

Division	Total Test (Grade VI)			Mathematics (Grade VI)			English (Grade VI)		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
<b>NCR</b>	<b>61.0</b>	<b>62.4</b>	<b>59.4</b>	<b>58.1</b>	<b>62.5</b>	<b>56.7</b>	<b>57.7</b>	<b>60.3</b>	<b>60.1</b>
City of Manila	61.8	65.5	60.9	58.9	67.9	59.2	57.7	62.6	61.7
City of Mandaluyong	53.6	62.4	62.4	50.4	61.7	58.3	50.3	61.7	63.2
City of Marikina	53.7	52.1	51.4	48.3	49.6	45.7	49.8	48.5	52.4
City of Pasig	56.6	57.0	49.1	50.7	55.4	43.2	53.7	55.2	50.5
Quezon City	56.8	54.6	49.4	53.4	52.0	44.3	54.4	51.7	49.8
City of San Juan	60.3	60.6	64.7	56.7	61.3	66.6	56.4	57.8	63.6
Caloocan City	65.0	65.3	62.4	64.1	65.9	61.1	61.0	63.5	62.5
City of Malabon	64.7	67.9	66.7	63.1	69.7	65.3	62.6	64.9	66.6
City of Navotas	54.4	66.0	63.8	48.7	65.7	62.8	51.5	64.2	64.2
City of Valenzuela	62.5	60.1	58.2	61.5	63.4	55.9	58.9	56.1	58.3
City of Las Piñas	54.7	65.3	66.7	48.0	66.2	65.7	51.4	64.0	68.1
City of Makati	65.6	70.8	70.1	60.5	72.9	69.4	63.0	69.6	73.4
City of Muntinlupa	63.2	60.0	55.5	63.0	59.5	52.3	59.1	56.9	54.8
City of Parañaque	76.0	73.7	69.0	77.3	73.2	69.9	73.3	74.8	69.0
Pasay City	64.9	63.1	64.1	63.5	61.8	62.1	59.3	60.8	65.4
Taguig City/Pateros	64.6	69.8	71.9	62.3	70.8	69.8	61.0	70.2	73.2

Source: Department of Education, Bureau of Education Assessment.

Note: Data aggregated by DepEd's division office.

Table 10.20 - concluded

Division	Science (Grade VI)			Filipino (Grade VI)			HEKASI (Grade VI)		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
<b>NCR</b>	<b>56.4</b>	<b>58.7</b>	<b>57.4</b>	<b>69.0</b>	<b>72.5</b>	<b>63.5</b>	<b>63.8</b>	<b>58.2</b>	<b>59.4</b>
City of Manila	54.9	60.8	56.8	70.7	75.5	65.9	66.6	60.6	60.7
City of Mandaluyong	49.7	59.3	62.8	63.5	72.5	64.1	54.4	56.7	63.7
City of Marikina	46.8	45.8	48.4	68.0	69.9	61.6	55.7	47.0	49.0
City of Pasig	51.9	52.1	44.0	67.5	68.7	58.2	59.3	53.3	49.7
Quezon City	51.6	50.2	46.1	66.5	69.2	58.9	57.9	50.1	47.6
City of San Juan	58.4	55.2	64.9	67.8	72.1	64.7	62.3	56.4	63.6
Caloocan City	63.4	63.2	61.8	69.3	71.4	63.7	67.4	62.4	63.0
City of Malabon	61.3	66.0	65.2	70.3	76.1	66.8	66.2	63.0	69.5
City of Navotas	48.8	62.0	63.1	64.9	75.0	64.1	58.1	63.0	64.7
City of Valenzuela	58.3	54.7	56.3	70.2	71.1	63.2	63.8	55.1	57.3
City of Las Piñas	50.1	63.8	67.2	65.0	71.4	66.2	59.0	61.2	66.3
City of Makati	59.5	65.5	66.8	75.0	80.8	71.4	70.1	65.2	69.6
City of Muntinlupa	58.1	59.3	55.5	69.1	70.2	58.0	66.7	54.2	56.9
City of Parañaque	73.1	71.7	67.5	76.1	76.5	66.8	80.2	72.3	71.9
Pasay City	61.2	61.0	62.8	71.0	72.4	66.7	69.6	59.3	63.5
Taguig City/Pateros	61.0	66.7	73.6	70.6	75.5	69.8	68.0	65.7	73.3

Table 10.21

**NATIONAL ACHIEVEMENT TEST OF 4TH YEAR HIGHSCHOOL BY LEARNING AREA, AND BY SCHOOL YEAR, NCR: SY 2011-12 to SY 2014-15**

Division	Total Test (Year IV)			Mathematics (Year IV)			English (Year IV)		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
<b>NCR</b>	<b>54.7</b>	<b>55.7</b>	<b>49.1</b>	<b>49.9</b>	<b>53.4</b>	<b>45.5</b>	<b>55.1</b>	<b>58.0</b>	<b>44.1</b>
City of Manila	55.7	57.0	51.6	50.6	54.6	51.1	57.6	59.8	47.1
City of Mandaluyong	53.6	55.4	47.5	46.4	53.6	42.2	54.9	57.4	43.8
City of Marikina	51.7	51.7	48.8	41.5	43.6	43.0	53.4	56.6	44.5
City of Pasig	53.3	53.3	49.4	46.5	49.3	44.3	53.6	56.0	43.8
Quezon City	54.1	55.8	48.1	48.2	53.3	43.7	54.4	58.2	42.7
City of San Juan	54.1	52.5	48.5	51.4	47.5	43.2	53.8	56.6	48.3
Caloocan City	50.8	50.6	44.0	45.7	45.0	36.9	50.8	52.6	39.1
City of Malabon	51.9	57.0	49.0	46.8	55.5	44.7	51.2	57.8	42.8
City of Navotas	56.3	54.1	46.7	57.1	55.5	43.7	52.2	51.6	40.2
City of Valenzuela	55.1	57.1	47.3	55.9	61.9	46.9	53.4	57.6	40.7
City of Las Piñas	52.7	57.2	48.8	42.7	54.2	44.1	52.5	58.0	43.5
City of Makati	61.0	60.0	52.4	58.8	59.6	47.6	61.5	62.8	47.3
City of Muntinlupa	56.2	54.4	49.5	57.4	52.2	46.4	56.3	56.5	46.5
City of Parañaque	56.4	58.5	49.2	48.8	55.2	41.7	56.4	59.9	44.0
Pasay City	55.5	56.6	50.0	51.8	53.7	47.0	56.5	60.8	45.9
Taguig City/Pateros	61.3	62.3	59.9	62.9	66.2	65.2	63.7	65.6	54.6

Source: Department of Education, Bureau of Education Assessment.

Note: Data aggregated by DepEd's division office.

Table 10.21- concluded

Division	Science (Year IV)			Filipino (Year IV)			Araling Panlipunan (Year IV)		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
<b>NCR</b>	<b>42.7</b>	<b>45.9</b>	<b>45.3</b>	<b>63.6</b>	<b>60.8</b>	<b>61.7</b>	<b>66.3</b>	<b>62.7</b>	<b>50.1</b>
City of Manila	43.0	46.8	47.1	64.4	61.6	62.5	67.1	63.9	51.2
City of Mandaluyong	41.7	45.0	41.6	63.1	59.8	61.0	65.3	63.3	49.1
City of Marikina	35.8	37.1	43.5	63.4	60.2	62.5	66.6	60.9	50.5
City of Pasig	39.8	41.8	45.5	64.0	59.8	63.0	66.0	60.7	50.7
Quezon City	42.9	47.4	45.6	63.8	60.7	61.1	65.8	62.3	49.0
City of San Juan	42.3	39.0	41.0	62.8	60.4	61.0	65.1	60.3	49.1
Caloocan City	38.1	40.9	39.0	60.7	57.8	58.7	62.7	58.6	46.7
City of Malabon	39.0	49.1	44.7	61.7	61.6	62.4	64.4	64.3	51.1
City of Navotas	45.8	44.8	40.7	64.3	58.9	60.9	67.1	63.1	48.4
City of Valenzuela	41.1	45.4	42.6	64.0	61.7	60.4	67.3	63.7	48.4
City of Las Piñas	40.0	47.9	43.2	64.2	62.9	62.6	67.1	65.4	51.8
City of Makati	49.8	47.9	49.7	67.8	63.4	64.7	72.3	68.2	53.8
City of Muntinlupa	46.3	44.3	45.4	62.2	60.9	61.8	65.3	60.7	49.0
City of Parañaque	45.9	50.0	46.0	65.5	63.9	63.5	69.7	65.8	50.4
Pasay City	41.9	44.8	46.6	63.8	60.1	60.7	68.2	65.0	50.8
Taguig City/Pateros	55.2	56.8	59.7	63.9	61.8	65.3	67.3	64.3	56.5

Table 10.22

**BASIC LITERACY RATE OF HOUSEHOLD POPULATION 10 YEARS OLD AND OVER BY AGE GROUP, BY YEAR, AND BY SEX, NCR: 2008 AND 2013**

Age Group	Number of Person 10 Years Old and Over (in '000)						Basic Literacy Rate (%)					
	2013			2008			2013			2008		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All ages	10,197	4,947	5,250	9,021	4,384	4,637	99.5	99.4	99.7	99.2	99.0	99.4
10-14	1,134	582	552	1,279	654	625	99.3	99.1	99.6	99.1	98.8	99.3
15-19	1,196	583	612	1,016	479	537	99.7	99.7	99.6	99.2	98.7	99.7
20-24	1,317	633	684	990	485	505	99.5	99.3	99.7	99.4	99.2	99.5
25-29	1,254	609	645	1,131	526	605	99.6	99.3	100.0	99.5	99.4	99.5
30-39	2,002	992	1,010	1,842	901	941	99.6	99.4	99.9	99.8	99.6	99.9
40-49	1,490	726	764	1,345	665	681	99.6	99.6	99.7	99.1	99.6	99.6
50-59	1,028	492	536	786	394	393	99.9	100.0	99.8	98.9	98.4	99.4
60 and over	777	330	447	631	281	350	98.7	99.2	98.3	97.8	98.5	97.3

Source: Philippine Statistics Authority

Table 10.23

**FUNCTIONAL LITERACY RATE OF HOUSEHOLD POPULATION 10-64 YEARS OLD BY AGE GROUP AND BY SEX, NCR: 2008 AND 2013**

Age Group	Population 10 to 64 years old (in '000)						Functional Literacy Rate (%)					
	2013			2008			2013			2008		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All ages	9,742	4,767	4,975	8,639	4,224	4,415	95.3	94.6	96.0	94.0	93.1	94.8
10-14	1,134	582	552	1,279	654	625	86.8	84.8	88.8	88.9	88.0	89.9
15-19	1,196	583	612	1,027	484	544	95.4	94.2	96.6	94.2	92.4	95.8
20-24	1,314	633	684	979	481	499	98.9	98.6	99.1	96.6	95.3	97.8
25-29	1,254	609	645	1,140	532	608	97.7	97.0	98.4	96.3	95.0	97.5
30-39	2,002	992	1,010	1,838	895	943	96.7	95.6	97.7	96.0	95.6	96.4
40-49	1,490	726	764	1,352	669	684	95.7	95.1	96.3	94.8	94.5	95.0
50-59	1,028	492	536	767	384	383	95.4	96.2	94.6	91.3	91.2	91.4
60 and over	322	150	172	256	126	130	90.1	91.9	88.6	87.6	87.9	87.3

Source: Philippine Statistics Authority

Table 10.24

**LITERACY OF HOUSEHOLD POPULATION 10 YEARS OLD AND OVER BY CITY/MUNICIPALITY, AND BY SEX, NCR: 2010**

City/Municipality /Sex	Total	Literate	Illiterate
<b>NCR</b>			
<b>Both Sexes</b>	<b>9,483,096</b>	<b>9,394,320</b>	<b>88,776</b>
<b>Male</b>	<b>4,583,001</b>	<b>4,539,926</b>	<b>43,075</b>
<b>Female</b>	<b>4,900,095</b>	<b>4,854,394</b>	<b>45,701</b>
City of Manila			
Both Sexes	1,324,232	1,307,988	16,244
Male	641,156	633,591	7,565
Female	683,076	674,397	8,679
City of Mandaluyong			
Both Sexes	265,967	262,933	3,034
Male	129,396	127,873	1,523
Female	136,571	135,060	1,511
City of Marikina			
Both Sexes	347,633	342,215	5,418
Male	167,395	164,786	2,609
Female	180,238	177,429	2,809
City of Pasig			
Both Sexes	539,550	533,011	6,539
Male	258,894	255,874	3,020
Female	280,656	277,137	3,519
Quezon City			
Both Sexes	2,211,140	2,200,732	10,408
Male	1,061,562	1,056,545	5,017
Female	1,149,578	1,144,187	5,391
City of San Juan			
Both Sexes	102,818	100,850	1,968
Male	45,376	44,411	965
Female	57,442	56,439	1,003
Caloocan City			
Both Sexes	1,171,417	1,167,208	4,209
Male	577,584	575,421	2,163
Female	593,833	591,787	2,046
City of Malabon			
Both Sexes	281,385	280,423	962
Male	139,199	138,652	547
Female	142,186	141,771	415
City of Navotas			
Both Sexes	193,640	192,495	1,145
Male	96,920	96,295	625
Female	96,720	96,200	520

Source: Philippine Statistics Authority

Note: Figures are based on a 20-percent sample households.

Table 10.24 - concluded

<b>City/Municipality /Sex</b>	<b>Total</b>	<b>Literate</b>	<b>Illiterate</b>
City of Valenzuela			
Both Sexes	455,425	454,042	1,383
Male	226,513	225,762	751
Female	228,912	228,280	632
City of Las Pinas			
Both Sexes	444,097	436,786	7,311
Male	212,023	208,536	3,487
Female	232,074	228,250	3,824
City of Makati			
Both Sexes	440,953	435,148	5,805
Male	204,027	201,140	2,887
Female	236,926	234,008	2,918
City of Muntinlupa			
Both Sexes	353,730	349,262	4,468
Male	169,385	167,121	2,264
Female	184,345	182,141	2,204
City of Parañaque			
Both Sexes	477,191	469,895	7,296
Male	228,096	224,727	3,369
Female	249,095	245,168	3,927
Pasay City			
Both Sexes	317,329	313,090	4,239
Male	153,382	151,228	2,154
Female	163,947	161,862	2,085
Pateros			
Both Sexes	51,542	50,955	587
Male	24,989	24,721	268
Female	26,553	26,234	319
Taguig City			
Both Sexes	505,047	497,287	7,760
Male	247,104	243,243	3,861
Female	257,943	254,044	3,899





## Chapter 11 **Labor and Employment**

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Data on labor and employment are critical inputs in the formulation of policies aimed at providing adequate employment opportunities and productive activities to the country's labor force. The labor force is the backbone of the economy. This single factor alone speaks of a vital sector that plays a crucial role in the development of the nation and the upliftment of the economic well-being of the people. Data on the situation obtaining in the workplace are also necessary in enhancing policies and programs of government towards promoting harmonious labor relations and productivity. The generation of adequate, timely and reliable data is an imperative need of the formulators and implementers of our laws, policies and decisions.

This chapter presents data on the number and employment status of the labor force at the regional level. The data presented include labor statistics by sex, class of worker, major industry group, type of industry, major occupation group, and number of hours worked. Data on labor relations and workers' welfare, which include the number of workers terminated due to closures/retrenchments are also presented. The basic sources of data are the Philippine Statistics Authority (PSA), Department of Labor and Employment (DOLE). The PSA generates data on the labor force and its employment status using the results of its quarterly Labor Force Surveys.

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Table 11.1

**HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY EMPLOYMENT STATUS, AND BY YEAR, NCR: 2014 - 2018**

<b>Employment Status</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Population 15 Yrs old & over (in '000)	8,194	8,251	8,919	9,087	9,187
Labor Force Participation Rate (%)	64.5	62.9	62.9	61.1	60.3
Employment Rate (%)	89.8	91.5	93.3	92.6	93.4
Unemployment Rate (%)	10.2	8.5	6.7	7.4	6.6
Underemployment Rate (%)	10.8	10.0	8.7	9.3	7.2
Underemployed (in '000)	513	474	458	479	-
Visibly Underemployed (in '000)	215	198	171	198	-
Percent to Employed (%)	4.5	4.2	3.3	3.9	-

Source: *Philippine Statistics Authority*

Notes: *The figures were computed using the average of the four rounds: January, April, July and October of Labor Force Survey.*

*“-” means no data*

Table 11.2

**EMPLOYED PERSON BY CLASS OF WORKER, AND BY YEAR, NCR: 2014 - 2018**

(in thousand)

<b>Class of Worker</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Total</b>	4,743	4,752	5,239	5,141	5,171
Wage and Salary Workers	3,655	3,709	4,181	4,181	4,214
Worked for private household	382	377	394	326	326
Worked for private establishment	2,896	2,942	3,389	3,446	3,496
Worked with pay in own family-operated farm business	28	22	25	24	21
Worked for government/government corporation	349	368	372	385	372
Self-employed without any paid employee	847	834	817	797	796
Employer in own family-operated farm or business	122	100	113	94	88
Without pay in own family-operated farm or business	120	109	128	69	72

Source: *Philippine Statistics Authority*

Notes: *Data are averages of four survey rounds of the Labor Force Survey*

*Details may not add up to totals due to rounding.*

*Based on Past Week Reference Period*

Table 11.3

**HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY SEX, BY EMPLOYMENT STATUS, AND BY YEAR NCR: 2014 - 2018**

(in thousand)

<b>Sex/ Employment Status</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Both Sexes</b>					
Population 15 Yrs old & over	8,194	8,251	8,919	9,087	9,186
In the Labor Force	5,281	5,193	5,613	5,552	5,537
Employed	4,743	4,752	5,239	5,141	5,171
Unemployed	538	441	374	411	366
Not in the Labor Force	2,913	3,057	3,306	3,535	3,650
<b>Male</b>					
Population 15 Yrs old & over	3,925	3,952	4,272	4,362	4,425
In the Labor Force	2,989	2,934	3,171	3,242	3,226
Employed	2,651	2,652	2,939	2,966	2,993
Unemployed	343	283	233	273	232
Not in the Labor Force	929	1,018	1,101	1,124	1,199
<b>Female</b>					
Population 15 Yrs old & over	4,269	4,299	4,647	4,725	4,761
In the Labor Force	2,276	2,259	2,442	2,310	2,311
Employed	2,092	2,100	2,300	2,175	2,178
Unemployed	195	158	141	138	133
Not in the Labor Force	1,984	2,039	2,205	2,411	2,450

Source: Philippine Statistics Authority

Notes: The figures were computed using the average of the four rounds: January, April, July and October of Labor Force Survey.

Table 11.4

**NUMBER AND PERCENTAGE DISTRIBUTION OF EMPLOYED PERSONS BY SEX, BY CLASS OF WORKER, AND BY YEAR, NCR: 2014 - 2018**

Sex/ Class of Worker	2014	2015	2016	2017	2018
<b>Both Sexes (in '000)</b>	<b>4,743.00</b>	<b>4,752</b>	<b>5,239</b>	<b>5,141</b>	<b>5,171</b>
Total	100.0	100.0	100.0	100.0	100.0
<b>Wage and salary workers</b>	<b>77.1</b>	<b>78.0</b>	<b>79.8</b>	<b>81.3</b>	<b>81.5</b>
Worked for private household/establishment/family-operated activities	69.7	70.3	72.7	73.8	74.3
Worked for private household	8.1	7.9	7.5	6.3	6.3
Worked for private establishment	61.1	61.9	64.7	67.0	67.6
Worked with pay in own family-operated farm or business	0.6	0.5	0.5	0.5	0.4
Worked for government or government-controlled corporation	7.4	7.7	7.1	7.5	7.2
<b>Own-account worker</b>	<b>20.4</b>	<b>19.7</b>	<b>17.8</b>	<b>17.3</b>	<b>18.5</b>
Self-employed without any paid employee	17.9	17.6	15.6	15.5	15.4
Employer in own family-operated farm or business	2.6	2.1	2.2	1.8	1.7
<b>Worked without pay in own family-operated farm or business</b>	<b>2.5</b>	<b>2.3</b>	<b>2.4</b>	<b>1.3</b>	<b>1.4</b>
<b>Male (in '000)</b>	<b>2,649</b>	<b>2,653</b>	<b>2,939</b>	2,967	<b>2,993</b>
Total	100.0	100.0	100.0	100.0	100.0
<b>Wage and salary workers</b>	<b>81.2</b>	<b>82.3</b>	<b>84.1</b>	85.2	<b>85.3</b>
Worked for private household/establishment/family-operated activities	74.1	75.1	77.7	78.6	<b>78.8</b>
Worked for private household	2.9	2.9	2.8	2.4	2.2
Worked for private establishment	70.6	71.7	74.4	75.8	76.3
Worked with pay in own family-operated farm or business	0.6	0.4	0.5	0.4	0.3
Worked for government or government-controlled corporation	7.1	7.2	6.4	6.6	6.5
<b>Own-account worker</b>	<b>17.3</b>	<b>16.4</b>	<b>14.6</b>	<b>14.0</b>	<b>13.9</b>
Self-employed without any paid employee	14.5	14.1	12.3	12.1	12.0
Employer in own family-operated farm or business	2.9	2.2	2.3	1.8	1.9
<b>Worked without pay in own family-operated farm or business</b>	<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>0.8</b>	<b>0.8</b>
<b>Female (in '000)</b>	<b>2,094</b>	<b>2,099</b>	<b>2,300</b>	2,173	<b>2,178</b>
Total	100.0	100.0	100.0	100.0	100.0
<b>Wage and salary workers</b>	<b>71.8</b>	<b>72.7</b>	<b>74.3</b>	<b>76.0</b>	<b>76.2</b>
Worked for private household/establishment/family-operated activities	64.2	64.2	66.3	67.3	68.1
Worked for private household	14.6	14.2	13.5	11.7	11.9
Worked for private establishment	49.0	49.5	52.3	55.1	55.7
Worked with pay in own family-operated farm or business	0.6	0.5	0.5	0.5	0.5
Worked for government or government-controlled corporation	7.6	8.5	8.0	8.7	8.2
<b>Own-account worker</b>	<b>24.3</b>	<b>23.9</b>	<b>21.8</b>	<b>21.9</b>	<b>21.6</b>
Self-employed without any paid employee	22.1	21.9	19.8	20.1	20.1
Employer in own family-operated farm or business	2.2	2.0	2.0	1.8	1.5
<b>Worked without pay in own family-operated farm or business</b>	<b>3.9</b>	<b>3.5</b>	<b>3.9</b>	<b>2.1</b>	<b>2.1</b>

Source: Philippine Statistics Authority

Notes: The figures were computed using the average of the four rounds: January, April, July and October of Labor Force Survey.

Details may not add up to totals due to rounding;

Table 11.5

**EMPLOYED PERSON BY HIGHEST GRADE COMPLETED, AND BY YEAR, NCR: 2014 - 2018**

(in thousand)

Highest Grade Completed	2014	2015	2016	2017	2018
<b>Total</b>	<b>4,743</b>	<b>4,752</b>	<b>5,239</b>	<b>5,141</b>	<b>5,171</b>
No Grade Completed	5	7	7	19	18
Elementary	457	461	496	495	443
Undergraduate	139	154	185	206	153
Graduate	318	307	311	289	290
SPED	NA	NA	-	-	-
Undergraduate	NA	NA	-	-	-
Graduate	NA	NA	-	-	-
High School	2,030	2,030	2,282	2,242	2,239
Undergraduate	392	406	430	437	403
Graduate	1,638	1,624	1,852	1,805	1,836
Post Secondary	284	286	276	284	243
Undergraduate	33	35	28	37	35
Graduate	251	251	248	247	208
College	1,967	1,968	2,179	2,100	2,228
Undergraduate	653	668	772	846	1,042
Graduate and Higher	1,314	1,300	1,407	1,254	1,186

Source: Philippine Statistics Authority

Notes: Data are averages of four survey rounds of the Labor Force Survey

Details may not add up to totals due to rounding.

Based on Past Week Reference Period

"- " means no data

NA means Not Applicable

Table 11.6

**NUMBER AND PERCENTAGE DISTRIBUTION OF EMPLOYED PERSONS BY SEX BY INDUSTRY, AND BY YEAR, NCR: 2014 - 2018**

Sex/Industry	2014	2015	2016	2017	2018
<b>Both Sexes (in '000)</b>	<b>4,743</b>	<b>4,752</b>	<b>5,239</b>	<b>5,141</b>	<b>5,171</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
<b>INDUSTRY SECTOR</b>	<b>18.6</b>	<b>19.1</b>	<b>19.3</b>	<b>19.8</b>	<b>19.7</b>
<b>SERVICES</b>	<b>80.7</b>	<b>80.4</b>	<b>80.2</b>	<b>79.7</b>	<b>79.8</b>
<b>Male (in '000)</b>	<b>2,649</b>	<b>2,653</b>	<b>2,939</b>	<b>2,967</b>	<b>2,993</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>
<b>INDUSTRY SECTOR</b>	<b>25.5</b>	<b>26.2</b>	<b>26.7</b>	<b>26.8</b>	<b>27.0</b>
<b>SERVICES</b>	<b>73.5</b>	<b>73.0</b>	<b>72.6</b>	<b>72.5</b>	<b>72.2</b>
<b>Female (in '000)</b>	<b>2,094</b>	<b>2,099</b>	<b>2,300</b>	<b>2,173</b>	<b>2,178</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>INDUSTRY SECTOR</b>	<b>9.9</b>	<b>10.1</b>	<b>10.0</b>	<b>10.2</b>	<b>9.5</b>
<b>SERVICES</b>	<b>89.9</b>	<b>89.7</b>	<b>89.9</b>	<b>89.6</b>	<b>90.4</b>

Source: Philippine Statistics Authority

Notes: Data are averages of four survey rounds of the Labor Force Survey

Table 11.7

**NUMBER AND PERCENTAGE DISTRIBUTION OF EMPLOYED PERSONS BY SEX, INDUSTRY, BY SUB-INDUSTRY, AND BY YEAR, NCR: 2014 - 2018**

Sex/ Industry/Sub-Industry	2014	2015	2016	2017	2018
<b>Both Sexes (in '000)</b>	<b>4,743</b>	<b>4,752</b>	<b>5,239</b>	<b>5,141</b>	<b>5,171</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	0.5	<b>0.5</b>
Agriculture, Hunting and Forestry	0.3	0.3	0.2	0.3	0.3
Fishing	0.4	0.3	0.3	0.2	0.2
<b>INDUSTRY SECTOR</b>	<b>18.6</b>	<b>19.1</b>	<b>19.3</b>	<b>19.8</b>	<b>19.7</b>
Mining and Quarrying	-	-	-	0.0	0.1
Manufacturing	9.9	10.1	9.8	10.0	10.1
Electricity, Gas, Steam and Air Conditioning Supply	0.1	0.2	0.1	0.1	0.2
Water Supply; Sewerage, Waste Management and Remediation Activities	0.2	0.3	0.4	0.2	0.2
Construction	8.3	8.4	9.0	9.4	9.2
<b>SERVICES</b>	<b>80.7</b>	<b>80.4</b>	<b>80.2</b>	79.7	<b>79.8</b>
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	23.6	23.6	23.8	23.0	22.1
Transportation and Storage	9.1	8.8	9.0	9.6	10.2
Accommodation and Food Service Activities	8.0	8.0	8.2	8.2	7.5
Information and Communication	2.4	2.5	2.2	2.3	2.6
Financial and Insurance Activities	3.0	2.9	2.8	2.8	2.8
Real Estate Activities	1.4	1.7	1.3	1.2	1.4
Professional, Scientific and Technical Activities	1.8	1.7	1.5	1.7	1.7
Administrative and Support Service Activities	8.5	8.5	9.7	9.8	10.9
Public Administration and Defense; Compulsory Social Security	5.4	5.7	5.2	5.7	5.5
Education	2.8	2.7	2.7	2.7	2.7
Human Health and Social Work Activities	2.4	2.4	2.2	2.3	2.4
Arts, Entertainment and Recreation	1.1	1.0	1.1	1.1	1.0
Other Service Activities	7.4	9.1	10.5	9.2	9.2
Activities of Households as Employers;					
Undifferentiated Goods and Services-Producing	3.8	1.8	-	-	-
Activities of Households for Own Use					
Activities of Extra-Territorial Organizations and Bodies	-	-	-	-	-

Source: Philippine Statistics Authority

Notes: The figures were computed using the average of the four rounds: January, April, July and October of Labor Force Survey.

Details may not add up to totals due to rounding;

Major Industry groups are expressed in percent

"-" means less than 0.05 percent.

Table 11.7 - continued

Sex/ Industry/Sub-Industry	2014	2015	2016	2017	2018
<b>Male (in '000)</b>	<b>2,649</b>	<b>2,653</b>	<b>2,939</b>	<b>2,967</b>	<b>2,993</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>
Agriculture, Hunting and Forestry	0.4	0.4	0.3	0.3	0.4
Fishing	0.6	0.4	0.4	0.4	0.4
<b>INDUSTRY SECTOR</b>	<b>25.5</b>	<b>26.2</b>	<b>26.7</b>	<b>26.8</b>	<b>27.0</b>
Mining and Quarrying	-	-	0.1	0.1	0.1
Manufacturing	10.6	10.9	10.4	10.7	11.3
Electricity, Gas, Steam and Air Conditioning Supply	0.2	0.3	0.1	0.2	0.2
Water Supply; Sewerage, Waste Management and Remediation Activities	0.3	0.5	0.6	0.3	0.3
Construction	14.3	14.5	15.4	15.6	15.3
<b>SERVICES</b>	<b>73.5</b>	<b>73.0</b>	<b>72.6</b>	<b>72.5</b>	<b>72.2</b>
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	19.0	18.9	19.1	18.3	16.3
Transportation and Storage	15.1	14.7	14.7	15.5	16.5
Accommodation and Food Service Activities	7.1	7.2	7.0	7.5	6.7
Information and Communication	2.7	2.8	2.5	2.5	2.8
Financial and Insurance Activities	2.1	2.2	2.1	1.9	2.3
Real Estate Activities	1.2	1.4	1.1	0.9	1.1
Professional, Scientific and Technical Activities	1.6	1.5	1.4	1.3	1.5
Administrative and Support Service Activities	8.8	8.7	9.8	10.0	10.9
Public Administration and Defense; Compulsory Social Security	5.9	5.9	5.2	5.6	5.5
Education	1.4	1.4	1.7	1.5	1.4
Human Health and Social Work Activities	1.7	1.6	1.3	1.3	1.5
Arts, Entertainment and Recreation	1.2	1.1	1.2	1.1	1.0
Other Service Activities	5.1	5.3	5.5	4.8	4.6
Activities of Households as Employers;					
Undifferentiated Goods and Services-Producing	0.5	0.2	-	-	-
Activities of Households for Own Use					
Activities of Extra-Territorial Organizations and Bodies	-	-	-	-	-

Table 11.7 - concluded

Sex/ Industry/Sub-Industry	2014	2015	2016	2017	2018
<b>Female (in '000)</b>	<b>2,094</b>	<b>2,099</b>	<b>2,300</b>	<b>2,173</b>	<b>2,178</b>
<b>AGRICULTURE, HUNTING, FORESTRY AND FISHING</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Agriculture, Hunting and Forestry	0.1	0.1	0.1	0.2	0.1
Fishing	-	-	-	0.0	0.0
<b>INDUSTRY SECTOR</b>	<b>9.9</b>	<b>10.1</b>	<b>10.0</b>	<b>10.2</b>	<b>9.5</b>
Mining and Quarrying	-	-	-	0.0	0.1
Manufacturing	9.0	9.1	8.9	9.0	8.4
Electricity, Gas, Steam and Air Conditioning Supply	0.1	0.1	0.1	0.1	0.1
Water Supply; Sewerage, Waste Management and Remediation Activities	0.1	0.1	0.1	0.0	0.1
Construction	0.7	0.8	0.9	1.1	0.9
<b>SERVICES</b>	<b>89.9</b>	<b>89.7</b>	<b>89.9</b>	<b>89.6</b>	<b>90.4</b>
Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	29.4	29.5	29.9	29.5	30.0
Transportation and Storage	1.4	1.3	1.6	1.5	1.5
Accommodation and Food Service Activities	9.2	9.1	9.7	9.2	8.6
Information and Communication	2.0	2.1	1.8	2.1	2.2
Financial and Insurance Activities	4.1	3.8	3.6	4.0	3.6
Real Estate Activities	1.7	2.0	1.6	1.7	1.7
Professional, Scientific and Technical Activities	1.9	1.9	1.8	2.1	1.9
Administrative and Support Service Activities	8.1	8.1	9.4	9.5	10.8
Public Administration and Defense; Compulsory Social Security	4.7	5.5	5.1	5.8	5.5
Education	4.5	4.3	4.1	4.2	4.4
Human Health and Social Work Activities	3.4	3.4	3.3	3.5	3.6
Arts, Entertainment and Recreation	1.1	0.9	1.0	1.1	0.9
Other Service Activities	10.3	14.0	16.9	15.3	15.5
Activities of Households as Employers; Undifferentiated Goods and Services-Producing Activities of Households for Own Use	8.0	3.8	-	-	-
Activities of Extra-Territorial Organizations and Bodies	-	-	-	-	-

Table 11.8a

**NUMBER AND PERCENTAGE DISTRIBUTION OF EMPLOYED PERSONS BY SEX, BY MAJOR OCCUPATION GROUP, AND BY YEAR, NCR: 2014 - 2016**

Sex/ Major Occupation Group	2014	2015	2016
<b>Both Sexes (in '000)</b>	<b>4,743</b>	<b>4,752</b>	<b>5,239</b>
Total	100.0	100.0	100.0
Officials of government and special interest, organizations, corporate executives, managers, managing proprietors, and supervisors	18.7	18.9	18.1
Professionals	7.7	8.0	7.4
Technicians and Associate Professionals	4.5	4.7	5.5
Clerks	13.7	13.5	9.8
Service Workers and Shop and Market Sales Workers	15.6	15.3	19.7
Farmers, Forestry Workers and Fishermen	0.4	0.3	0.2
Trades and Related Workers	9.0	8.9	8.8
Plant and Machine Operators and Assemblers	7.9	8.3	8.1
Laborers and Unskilled Workers	22.3	21.9	16.9
Special Occupations	0.4	0.3	0.2
Others			5.4
<b>Male (in '000)</b>	<b>2,649</b>	<b>2,653</b>	<b>2,939</b>
Total	100.0	100.0	100.0
Officials of government and special interest, organizations, corporate executives, managers, managing proprietors, and supervisors	17.1	16.8	15.3
Professionals	6.0	6.1	5.8
Technicians and Associate Professionals	4.1	4.5	5.6
Clerks	9.1	9.1	7.2
Service Workers and Shop and Market Sales Workers	15.5	15.0	18.0
Farmers, Forestry Workers and Fishermen	0.6	0.5	0.3
Trades and Related Workers	14.0	13.6	13.6
Plant and Machine Operators and Assemblers	13.3	13.9	13.2
Laborers and Unskilled Workers	19.9	20.0	16.0
Special Occupations	0.5	0.4	0.3
Others	-	-	4.6
<b>Female (in '000)</b>	<b>2,094</b>	<b>2,099</b>	<b>2,300</b>
Total	100.0	100.0	100.0
Officials of government and special interest, organizations, corporate executives, managers, managing proprietors, and supervisors	20.7	21.5	21.7
Professionals	9.8	10.3	9.4
Technicians and Associate Professionals	5.0	4.9	5.3
Clerks	19.6	19.1	13.1
Service Workers and Shop and Market Sales Workers	15.7	15.6	21.8
Farmers, Forestry Workers and Fishermen	0.0	0.0	0.0
Trades and Related Workers	2.7	3.0	2.6
Plant and Machine Operators and Assemblers	1.1	1.2	1.7
Laborers and Unskilled Workers	25.2	24.3	17.9
Special Occupations	0.2	0.2	0.1
Others	-	-	6.4

Source: Philippine Statistics Authority

Notes: Details may not add up to totals due to rounding.;

Data were averages of four survey rounds (January, April, July and October);

"-" means less than 0.05 percent.

Table 11.8b

**PERCENTAGE DISTRIBUTION OF EMPLOYED PERSONS BY YEAR, BY MAJOR OCCUPATION GROUP, AND BY SEX, NCR: 2017 - 2018**

<b>Year/ Major Occupation Group</b>	<b>Both Sexes</b>	<b>Male</b>	<b>Female</b>
<b>2017</b>	<b>5,141</b>	<b>2,967</b>	<b>2,173</b>
Total	100.0	100.0	100.0
Managers	16.4	13.6	20.3
Professionals	7.5	5.8	9.9
Technicians and Associate Professionals	6.3	5.8	6.8
Clerical Support Workers	12.6	8.9	17.7
Service and Sales Workers	20.5	18.7	23.0
Skilled Agricultural Forestry and Fishery Workers	0.3	0.4	0.1
Craft and Related Trades Workers	9.6	14.7	2.8
Plant and Machine Operators and Assemblers	8.9	13.9	2.1
Elementary Occupations	17.6	17.8	17.2
Armed Forces Occupations	0.2	0.4	0.0
Others	-	-	-
<b>2018</b>	<b>5,171</b>	<b>2,993</b>	<b>2,173</b>
Total	100.0	100.0	100.0
Managers	16.7	13.7	20.7
Professionals	8.1	6.6	10.1
Technicians and Associate Professionals	7.1	6.9	7.4
Clerical Support Workers	12.7	9.4	17.2
Service and Sales Workers	19.5	16.8	23.3
Skilled Agricultural Forestry and Fishery Workers	0.3	0.4	0.0
Craft and Related Trades Workers	9.0	13.4	2.9
Plant and Machine Operators and Assemblers	9.2	14.7	1.5
Elementary Occupations	17.4	17.7	16.9
Armed Forces Occupations	0.1	2.0	0.0
Others	-	-	-

Source: Philippine Statistics Authority

Notes: Details may not add up to totals due to rounding.;

Data were averages of four survey rounds (January, April, July and October);

"." means less than 0.05 percent.

Table 11.9

**NUMBER OF MEMBERSHIP OF ENTERPRISE-BASED UNIONS BY YEAR, PHL AND NCR: 2004 - 2017**

Year	Philippines		NCR	
	Number	Membership (in thousand)	Number	Membership (in thousand)
2004	15,193	1,301,585	8,684	742,968
2005	15,526	1,627,480	8,867	1,053,686
2006	15,101	1,563,118	9,025	1,043,439
2007	15,293	1,294,436	9,119	751,136
2008	15,501	1,308,417	9,243	756,517
2009	15,835	1,328,776	9,399	766,679
2010	16,132	1,353,017	9,571	776,092
2011	16,385	1,375,973	9,714	788,391
2012	16,541	1,387,437	9,841	792,640
2013	16,707	1,407,712	9,934	804,595
2014	16,880	1,426,858	10,038	810,689
2015	17,066	1,438,096	10,142	815,737
2016	17,246	1,478,905	10,255	850,771
2017	17,424	1,543,514	10,328	856,182

Source: Department of Labor and Employment

Table 11.10

**COLLECTIVE BARGAINING AGREEMENTS FILED AND WORKERS COVERED BY YEAR, PHL AND NCR: 2004 - 2017**

Year	Philippines		NCR	
	Collective Bargaining Agreement	Workers Covered	Collective Bargaining Agreement	Workers Covered
2004	399	63,529	195	26,232
2005	459	82,925	193	32,902
2006	1,670	235,887	819	115,578
2007	1,542	218,128	756	109,744
2008	1,507	204,971	756	98,538
2009	1,394	225,167	701	111,267
2010	1,417	212,258	730	106,771
2011	1,389	227,620	740	120,029
2012	1,243	206,041	666	109,968
2013	-	-	-	-
2014	1,227	207,811	693	118,356
2015	1,148	190,708	649	109,988
2016	-	-	-	-
2017	1,159	220,905	682	142,278

Source: Bureau of Labor Relations

Note: "-" means no data

Table 11.11

**EMPLOYED PERSONS WANTING MORE HOURS OF WORK BY SEX, BY TOTAL HOURS WORK, AND BY YEAR, NCR: 2013 - 2018**

(in thousand)

<b>Sex/ Total Hours Worked</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Both Sexes</b>						
Total Underemployed	556	513	474	458	497	416
<b>Working:</b>						
Less than 40 hours*	210	215	198	171	198	142
40 hours and over	346	298	276	287	281	274
<b>Male</b>						
Total Underemployed	353	326	293	297	310	269
<b>Working:</b>						
Less than 40 hours*	116	121	109	97	117	68
40 hours and over	236	205	184	200	194	201
<b>Female</b>						
Total Underemployed	203	187	181	161	169	147
<b>Working:</b>						
Less than 40 hours*	94	94	89	74	81	74
40 hours and over	110	93	92	87	87	73

Source: Philippine Statistics Authority.

Notes: Details may not add up to totals due to rounding;

Data are based on the number and percentage distribution of employed persons wanting more hours of work by

\* Includes person with a job but not at work.

Table 11.12

**PERCENT DISTRIBUTION TO NATIONAL TOTAL OF OVERSEAS CONTRACT AND OVERSEAS FILIPINO WORKER BY TYPE, BY SEX, AND BY YEAR, NCR: 2013 - 2018**

<b>Type of Overseas Worker/ Sex</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Overseas Contract Workers</b>						
Both Sexes	12.8	10.6	10.9	13.0	9.4	9.4
Male	14.7	12.8	13.1	16.8	11.4	10.7
Female	11.0	8.6	8.8	9.7	7.6	9.1
<b>Overseas Filipino Workers</b>						
Both Sexes	12.8	10.5	11.0	12.9	9.5	9.7
Male	14.6	12.5	13.0	16.5	11.3	10.6
Female	10.9	8.6	9.0	9.8	7.9	9.0

Source: Department of Labor and Employment

Notes: In thousands; Details may not add up to totals due to rounding;

The estimates cover overseas Filipinos whose departure occurred within the last five years and who are working or had worked abroad during the past six months (April to September) of the survey period;

Table 11.13

**NUMBER OF JOB APPLICANT REGISTERED IN DOLE BY FIELD OFFICE, BY SEX, AND BY YEAR, NCR: 2014 - 2017**

Field Office/ Sex	2014	2015	2016	2017
<b>NCR</b>	<b>286,853</b>	<b>301,072</b>	<b>367,939</b>	<b>507,226</b>
<b>Male</b>	<b>162,218</b>	<b>145,994</b>	<b>177,769</b>	<b>332,926</b>
<b>Female</b>	<b>124,635</b>	<b>155,078</b>	<b>190,170</b>	<b>174,300</b>
CAMANAVA <sup>a</sup>	49,359	57,888	77,082	95,476
Male	25,922	28,237	39,880	62,142
Female	23,437	29,651	37,202	33,334
MANILA	5,757	26,906	37,465	13,329
Male	3,091	11,268	14,379	8,704
Female	2,666	15,638	23,086	4,625
MAKATI-PASAY	16,010	20,291	16,762	35,398
Male	8,409	8,577	7,768	22,010
Female	7,601	11,714	8,994	13,388
MUNTAPARLAS <sup>b</sup>	106,579	89,153	107,916	100,594
Male	51,444	43,442	50,485	68,401
Female	55,135	45,711	57,431	32,193
PAPAMAMARISAN <sup>c</sup>	82,278	95,244	115,945	244,814
Male	59,626	49,685	57,755	160,741
Female	22,652	45,559	58,190	84,073
QUEZON CITY	26,870	11,590	12,769	17,615
Male	13,726	4,785	7,502	10,928
Female	13,144	6,805	5,267	6,687

Source: Department of Labor and Employment

Notes: a - Caloocan, Malabon, Navotas, Valenzuela

b - Muntinlupa, Taguig, Parañaque, Las Piñas

c - Pasig, Pateros, Mandaluyong, Marikina, San Juan

Table 11.14

**DAILY MINIMUM WAGE RATE BY WAGE ORDER OF NON-AGRICULTURE BY LEGAL BASIS,  
BY DATE ISSUED, AND BY EFFECTIVITY DATE, NCR: 1989 - 2018**

Legal Basis	Date Issued	Effectivity Date	Amount (in pesos)		
			Basic Wage	Allowance	Total
Republic Act 6727		7/1/1989	89.0		
Wage Order 01	10/15/1990	11/1/1990	106.0		
Wage Order 02	12/20/1990	1/8/1991	135.0		135.0
Wage Order 03	11/29/1993	12/16/1993			
		4/1/1994	145.0		145.0
Wage Order 04	1/16/1996	2/2/1996	161.0		161.0
		5/1/1996	165.0		165.0
Wage Order 05	1/21/1997	2/6/1997	180.0		180.0
		5/1/1997	185.0		185.0
Wage Order 06	1/8/1998	2/6/1998	198.0		198.0
Wage Order 07	10/14/1999	10/31/1999	198.0 - 223.5		198.0 - 223.5
Wage Order 08	10/6/2000	11/1/2000	213.0 - 250.0		213.0 - 250.0
Wage Order 09	10/21/2001	11/5/2001	213.0 - 250.0	15.0	228.0 - 265.0
		2/1/2002	213.0 - 250.0	30.0	243.0 - 280.0
Wage Order 10	6/24/2004	7/10/2004	213.0 - 250.0	50.0	263.0 - 300.0
Wage Order 11	5/30/2005	6/16/2005	238.0 - 275.0	50.0	288.0 - 325.0
Wage Order 12	6/23/2006	7/11/2006	288.0 - 300.0	50.0	313.0 - 350.0
Wage Order 13	8/6/2007	8/28/2007	325.0 - 362.0		325.0 - 362.0
Wage Order 14	5/16/2008	6/14/2008	340.0 - 377.0	5.0	345.0 - 382.0
		8/28/2008	345.0 - 382.0		345.0 - 382.0
Wage Order 15	6/7/2010	7/1/2010	367.0 - 404.0		367.0 - 404.0
Wage Order 16	5/9/2011	5/26/2011	367.0 - 404.0	22.0	389.0 - 426.0
Wage Order 17	5/17/2012	6/3/2012	389.0 - 426.0	20.0	409.0 - 446.0
		11/1/2012	389.0 - 426.0	30.0	419.0 - 456.0
Wage Order 18	9/6/2013	10/4/2013	399.0 - 436.0	30.0	429.0 - 466.0
		1/1/2014	414.0 - 451.0	15.0	429.0 - 466.0
Wage Order 19	3/16/2015	4/4/2015	429.0 - 466.0	15.0	444.0 - 481.0
Wage Order 20	5/11/2016	6/2/2016	444.0 - 481.0	10.0	454.0 - 491.0
Wage Order 21	9/14/2017	10/5/2017	465.0 - 502.0	10.0	475.0 - 512.0
Wage Order 22	10/30/2018	11/22/2018	500.0 - 537.0		500.0 - 537.0

Source: Department of Labor and Employment



## Chapter 12 **Social Services**

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Data on social welfare serve as indicators of the results and impacts of goals, policies and programs on human development. This universal concern emphasizes people's empowerment and the care, protection and rehabilitation of the disadvantaged and special sectors of society. These sectors are the primary target clientele of our social welfare policies and programs. The objective is to place the disadvantaged sectors of society in the mainstream of productive and economic processes. Specifically, this entails converting the disadvantaged groups into active agents and partners in development. In this manner, the fruits of growth and progress will pervade all sectors of society and the disadvantaged sectors will become beneficiaries of development. The government's Social Reform Agenda (SRA) redirects the thrusts and focus and widens the target beneficiaries of the package of programs and other interventions implemented by government, private and non-governmental institutions. In contributing to the goals of social welfare and development, the generation of data and relevant indicators is therefore of utmost necessity. The SRA, for one, underscores the need to strengthen and improve existing systems for generating data.

This chapter presents data at the regional and provincial levels on the number of clients served by the various outreach and service programs of the Department of Social Welfare and Development. The department, which is the source of data, compiles the information based on its administrative reporting systems. This chapter also contains data found on the website of National Council on Disability Affairs such as sourced data by the Department of Education and Commission on Election. The Philippine Statistics Authority processed the data based on the results of the 2000 and 2010 Census of Population and Housing.

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Table 12.1

**ELEMENTARY LEARNERS BY TYPE OF DISABILITY WITH DIAGNOSIS FROM SPECIALIST FROM SPED CLASSES OR SPED CENTERS  
MAINSTREAMED IN REGULAR CLASSES GRADED BY DIVISION, BY GRADE LEVEL, AND BY SEX, NCR: SY 2015 - 2016**

(Visual Impairment)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>12</b>	<b>10</b>	<b>32</b>	<b>13</b>	<b>20</b>	<b>11</b>	<b>42</b>	<b>34</b>	<b>34</b>	<b>33</b>	<b>44</b>	<b>99</b>	<b>47</b>	<b>58</b>	<b>231</b>	<b>258</b>
Caloocan City	0	0	4	4	2	0	6	5	15	13	10	17	6	6	43	45
City of San Juan	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Las Piñas City	1	0	5	1	0	0	2	0	0	0	0	0	0	0	8	1
Makati City	1	2	1	1	8	6	3	7	7	5	17	77	24	31	61	129
Malabon City	0	0	0	0	1	0	2	2	0	0	1	2	1	1	5	5
Mandaluyong City	0	0	1	1	0	0	6	2	2	1	0	0	0	0	9	4
Manila	3	3	7	1	1	0	0	0	0	0	1	0	6	14	18	18
Marikina City	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	2
Muntinlupa City	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
Navotas	0	0	1	0	4	0	7	8	7	4	0	0	5	3	24	15
Paranaque City	1	1	0	0	0	0	1	1	1	5	0	0	2	2	5	9
Pasig City	2	3	1	1	0	0	11	5	0	2	10	1	0	0	24	12
Quezon City	0	0	2	3	3	3	3	2	1	3	3	1	3	0	15	12
Taguig	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	3
Valenzuela City	4	0	9	0	1	0	1	0	0	0	2	0	0	0	17	0

Source: Department of Education

Table 12.1 - continued

(Hearing Impairment)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>36</b>	<b>25</b>	<b>56</b>	<b>45</b>	<b>52</b>	<b>67</b>	<b>41</b>	<b>36</b>	<b>61</b>	<b>36</b>	<b>58</b>	<b>50</b>	<b>54</b>	<b>54</b>	<b>358</b>	<b>313</b>
Caloocan City	5	4	3	6	4	10	4	4	2	1	3	1	3	3	24	29
Las Piñas City	0	0	0	0	0	1	0	0	0	0	2	4	0	0	2	5
Makati City	0	0	1	0	1	0	0	2	1	0	3	1	2	0	8	3
Malabon City	0	0	0	1	0	0	0	0	1	0	0	2	0	0	1	3
Mandaluyong City	1	2	1	0	3	0	0	0	0	0	0	0	0	0	5	2
Manila	3	0	11	4	4	6	3	2	9	8	14	12	13	10	57	42
Marikina City	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Muntinlupa City	3	2	5	3	5	7	3	3	5	4	2	0	1	7	24	26
Paranaque City	2	2	3	2	6	5	1	3	4	6	2	2	0	0	18	20
Pasay City	14	5	18	15	18	30	24	18	26	14	25	22	19	24	144	128
Pasig City	1	2	2	1	5	1	1	3	5	0	0	2	3	0	17	9
Quezon City	2	2	3	1	5	4	1	0	1	2	0	0	8	6	20	15
Taguig	0	1	4	7	0	0	0	0	1	0	0	0	0	0	5	8
Valenzuela City	5	5	5	5	1	3	4	1	6	1	7	4	4	4	32	23

Table 12.1 - continued

(Learning Disability)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>21</b>	<b>10</b>	<b>30</b>	<b>14</b>	<b>17</b>	<b>9</b>	<b>20</b>	<b>10</b>	<b>24</b>	<b>6</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>128</b>	<b>58</b>
Caloocan City	3	2	4	3	2	2	3	3	1	1	2	2	1	0	16	13
Makati City	0	0	2	1	1	0	0	0	2	1	2	2	1	0	8	4
Malabon City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Mandaluyong City	0	0	4	0	0	0	2	1	0	0	0	1	0	0	6	2
Muntinlupa City	0	0	0	0	0	0	2	0	1	1	2	0	0	0	5	1
Navotas	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Paranaque City	13	6	6	3	8	5	4	0	4	0	3	1	0	1	38	16
Pasay City	2	2	3	1	2	0	2	2	15	1	0	0	0	0	24	6
Pasig City	1	0	3	1	0	0	6	4	0	1	1	0	0	0	11	6
Quezon City	0	0	4	4	3	1	1	0	0	1	0	0	0	1	8	7
Taguig	2	0	2	1	1	0	0	0	1	0	0	0	3	1	9	2
Valenzuela City	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1

Table 12.1 - continued

(Intellectual Disability)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>111</b>	<b>82</b>	<b>81</b>	<b>49</b>	<b>61</b>	<b>35</b>	<b>70</b>	<b>26</b>	<b>48</b>	<b>16</b>	<b>33</b>	<b>19</b>	<b>28</b>	<b>14</b>	<b>432</b>	<b>241</b>
Caloocan City	0	0	6	4	9	6	1	1	3	1	0	0	0	0	19	12
City of San Juan	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Las Piñas City	0	0	0	1	0	1	1	2	0	0	0	0	1	1	2	5
Makati City	0	0	3	2	0	0	1	2	0	1	0	2	2	0	6	7
Malabon City	1	0	0	0	0	1	0	0	2	0	0	0	0	0	3	1
Mandaluyong City	1	1	3	1	0	0	0	0	2	0	0	1	0	0	6	3
Manila	8	10	26	15	22	9	25	9	16	4	12	5	9	4	118	56
Marikina City	13	7	0	0	0	0	1	1	0	0	0	0	0	0	14	8
Muntinlupa City	6	2	2	0	4	1	5	2	2	0	3	2	0	0	22	7
Navotas	0	0	0	0	1	0	0	1	1	0	1	1	0	0	3	2
Paranaque City	6	3	4	1	1	0	2	1	4	3	3	0	2	0	22	8
Pasay City	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
Pasig City	17	18	1	5	2	0	3	2	0	0	0	0	2	0	25	25
Quezon City	25	17	16	5	8	5	10	1	8	3	1	3	4	2	72	36
Taguig	18	7	5	3	1	3	4	1	0	0	0	2	1	0	29	16
Valenzuela City	14	17	15	12	13	9	17	2	10	2	13	3	7	7	89	52

Table 12.1 - continued

(Autism Spectrum Disorder)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>85</b>	<b>21</b>	<b>33</b>	<b>8</b>	<b>26</b>	<b>5</b>	<b>40</b>	<b>7</b>	<b>21</b>	<b>8</b>	<b>24</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>242</b>	<b>52</b>
Caloocan City	0	0	6	0	2	2	12	0	3	1	3	0	1	0	27	3
Las Piñas City	0	0	1	1	1	0	0	0	0	0	2	0	1	0	5	1
Makati City	0	0	0	1	1	0	3	0	1	0	2	0	0	0	7	1
Malabon City	1	0	1	0	0	0	0	0	0	0	1	1	0	0	3	1
Mandaluyong City	1	0	3	1	1	0	3	1	1	0	1	0	1	0	11	2
Manila	36	7	1	0	0	0	1	0	0	0	1	0	0	0	39	7
Marikina City	15	3	0	0	0	0	3	0	0	0	0	0	1	0	19	3
Muntinlupa City	5	0	1	0	1	0	0	0	2	1	1	0	4	0	14	1
Navotas	1	0	1	1	2	0	0	0	2	2	0	0	0	0	6	3
Paranaque City	2	1	4	1	1	0	1	0	1	0	1	0	0	0	10	2
Pasay City	1	1	1	0	1	0	0	1	1	0	0	0	0	0	4	2
Pasig City	0	0	1	0	0	1	2	0	0	0	1	1	1	0	5	2
Quezon City	3	5	5	2	8	1	8	3	7	1	1	0	2	0	34	12
Taguig	8	2	0	1	3	0	3	0	2	0	5	0	0	0	21	3
Valenzuela City	12	2	8	0	5	1	4	2	1	3	5	1	2	0	37	9

Table 12.1 - continued

(Emotional-Behavior Disorder)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>11</b>	<b>0</b>	<b>35</b>	<b>6</b>	<b>18</b>	<b>6</b>	<b>18</b>	<b>4</b>	<b>9</b>	<b>3</b>	<b>14</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>110</b>	<b>24</b>
Caloocan City	0	0	2	0	4	1	3	0	0	0	2	0	0	0	11	1
Las Piñas City	0	0	0	0	1	0	2	0	1	0	0	0	0	0	4	0
Makati City	0	0	0	0	1	1	0	0	3	0	3	0	1	0	8	1
Malabon City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Mandaluyong City	0	0	2	0	6	0	0	0	0	0	4	0	0	1	12	1
Manila	0	0	21	4	0	2	0	0	0	0	0	0	0	0	21	6
Marikina City	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
Navotas	0	0	0	0	1	1	0	0	0	1	0	3	1	0	2	5
Paranaque City	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pasay City	3	0	1	1	1	0	0	0	2	0	0	0	0	0	7	1
Pasig City	3	0	0	0	0	0	7	2	0	0	1	1	2	0	13	3
Quezon City	1	0	5	0	2	1	3	1	2	0	0	0	0	0	13	2
Taguig	3	0	2	0	1	0	2	1	1	0	0	0	1	0	10	1
Valenzuela City	0	0	1	1	1	0	1	0	0	1	2	0	0	0	5	2

Table 12.1 - continued

(Orthopedic/Physical Handicap)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>26</b>	<b>14</b>
Caloocan City	0	0	0	0	1	0	1	1	1	0	0	1	2	1	5	3
Las Piñas City	2	0	0	0	1	0	1	0	0	0	0	0	0	0	4	0
Makati City	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Mandaluyong City	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Manila	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1	2
Marikina City	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2	0
Muntinlupa City	0	0	0	0	0	1	0	0	1	0	1	0	0	2	2	3
Navotas	0	0	0	0	0	0	0	0	1	0	1	1	0	0	2	1
Paranaque City	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Pasay City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Pasig City	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Quezon City	0	0	1	0	0	0	1	0	0	0	1	1	0	0	3	1
Taguig	1	1	0	0	0	0	0	0	0	0	2	0	0	0	3	1

Table 12.1 - continued

(Speech/Language Disorder)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>12</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>34</b>	<b>23</b>
Caloocan City	0	1	1	0	0	0	2	0	1	0	0	0	0	0	4	1
Las Piñas City	2	2	0	0	0	0	0	0	1	0	0	0	0	0	3	2
Makati City	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	1
Malabon City	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Manila	0	0	0	0	2	0	0	0	0	0	1	0	0	0	3	0
Muntinlupa City	1	1	0	0	2	1	1	0	0	1	0	0	0	1	4	4
Navotas	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2
Paranaque City	4	3	0	3	1	0	0	0	0	0	0	0	0	0	5	6
Pasig City	3	0	1	1	0	0	0	0	0	0	1	1	1	0	6	2
Quezon City	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Taguig	1	1	1	1	0	1	0	0	0	0	0	1	0	0	2	4
Valenzuela City	1	0	1	0	0	0	1	0	0	0	0	0	0	0	3	0

Table 12.1 - continued

## (Cerebral Palsy)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>13</b>	<b>2</b>	<b>12</b>	<b>4</b>	<b>8</b>	<b>24</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>43</b>	<b>37</b>
Caloocan City	0	0	0	0	0	2	1	0	0	1	0	0	0	0	1	3
Makati City	0	0	2	1	0	0	1	0	0	0	0	0	0	0	3	1
Malabon City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Manila	0	0	5	0	2	20	1	0	0	0	0	0	0	0	8	20
Marikina City	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Muntinlupa City	0	1	0	0	2	0	1	0	2	0	1	1	0	0	6	2
Navotas	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
Paranaque City	0	0	1	1	1	0	1	0	0	0	0	0	0	1	3	2
Quezon City	0	0	1	2	1	0	0	1	1	1	0	0	1	0	4	4
Taguig	1	0	1	0	0	1	0	0	0	0	0	0	0	1	2	2
Valenzuela City	8	1	1	0	2	0	0	0	0	0	0	0	0	0	11	1

Table 12.1 - continued

(Special Health Problem/Chronic Illness)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	1	3	3	2	3	2	5	1	5	3	2	1	5	9	24	21
Caloocan City	0	1	1	0	0	1	2	0	0	0	2	0	1	1	6	3
Las Piñas City	0	0	0	0	2	0	0	0	0	0	0	0	0	5	2	5
Makati City	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Manila	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0
Marikina City	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0
Paranaque City	0	2	0	0	0	0	1	0	2	1	0	0	0	0	3	3
Pasig City	0	0	0	0	0	0	1	1	1	1	0	0	3	1	5	3
Quezon City	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
Taguig	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
Valenzuela City	1	0	1	0	0	0	0	0	0	0	0	1	0	2	2	3

Table 12.1 - concluded

(Multiple Disabilities)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>12</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>14</b>
Caloocan City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Malabon City	0	0	0	0	1	0	0	0	1	1	0	0	0	0	2	1
Marikina City	7	3	0	0	0	0	0	0	0	0	0	0	0	0	7	3
Muntinlupa City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Quezon City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Taguig	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Valenzuela City	5	8	0	0	0	1	0	0	0	0	0	0	0	0	5	9

Table 12.2

**ELEMENTARY LEARNERS BY TYPE OF DIFFICULTY BASED ON MANIFESTATION WITH DIAGNOSIS FROM SPECIALIST FROM SPED CLASSES OR SPED CENTERS MAINSTREAMED IN REGULAR CLASSES GRADED BY DIVISION, BY GRADE LEVEL, AND BY SEX, NCR: SY 2015 - 2016**

(Difficulty Seeing)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>7</b>	<b>8</b>	<b>33</b>	<b>34</b>	<b>148</b>	<b>127</b>	<b>98</b>	<b>100</b>	<b>58</b>	<b>56</b>	<b>199</b>	<b>140</b>	<b>158</b>	<b>198</b>	<b>701</b>	<b>663</b>
Caloocan City	2	1	12	16	121	109	75	65	45	45	73	102	110	136	438	474
Las Piñas City	1	0	0	0	5	3	1	0	0	0	5	4	1	1	13	8
Makati City	0	0	1	4	0	0	0	0	0	0	0	0	0	0	1	4
Mandaluyong City	0	0	3	2	4	4	2	4	0	0	5	8	7	8	21	26
Manila	0	1	1	1	3	5	4	13	4	4	102	10	21	36	135	70
Muntinlupa City	0	1	2	0	2	1	1	4	0	0	8	4	1	1	14	11
Navotas	0	2	0	1	6	1	1	4	4	3	1	9	4	9	16	29
Paranaque City	3	3	3	4	3	0	1	0	0	0	1	0	2	2	13	9
Pasig City	0	0	3	2	0	1	10	9	1	2	0	0	8	4	22	18
Quezon City	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Taguig	1	0	8	4	4	2	3	1	4	2	4	3	4	1	28	13

Source: Department of Education

Table 12.2 - continued

(Diffuculty Hearing)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>15</b>	<b>2</b>	<b>2</b>	<b>17</b>	<b>18</b>	<b>20</b>	<b>19</b>	<b>92</b>	<b>87</b>
Caloocan City	0	3	4	4	21	22	18	14	2	2	15	17	12	15	72	77
Las Piñas City	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Mandaluyong City	0	0	0	0	1	0	2	1	0	0	0	0	5	4	8	5
Muntinlupa City	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0
Paranaque City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Pasig City	0	0	0	0	0	0	2	0	0	0	0	1	3	0	5	1
Taguig	0	0	0	2	1	1	2	0	0	0	0	0	0	0	3	3

Table 12.2 - continued

(Diffuculty Walking, Climbing and Grasping)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>26</b>	<b>13</b>
Caloocan City	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	3
Makati City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Mandaluyong City	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Muntinlupa City	0	1	8	3	5	1	3	1	0	0	1	0	0	0	17	6
Paranaque City	1	0	0	0	1	0	0	0	0	0	0	0	0	2	2	2
Pasig City	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Taguig	1	0	0	0	0	0	0	1	0	1	0	0	2	0	3	2

Table 12.2 - continued

(Diffuculty Remembering, Concentrating, Paying Attention and Understanding)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>40</b>	<b>20</b>	<b>26</b>	<b>5</b>	<b>37</b>	<b>48</b>	<b>93</b>	<b>35</b>	<b>28</b>	<b>13</b>	<b>20</b>	<b>11</b>	<b>29</b>	<b>23</b>	<b>273</b>	<b>155</b>
Caloocan City	1	1	1	0	0	0	3	0	0	0	0	0	0	0	5	1
Las Piñas City	0	0	0	0	0	12	3	0	0	0	0	0	0	0	3	12
Makati City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Mandaluyong City	1	0	1	0	2	0	17	3	8	1	3	0	0	0	32	4
Manila	0	2	1	0	2	1	12	6	0	0	0	0	0	0	15	9
Muntinlupa City	4	1	1	1	0	0	0	0	0	0	0	0	0	0	5	2
Navotas	0	0	3	0	5	3	1	0	17	10	0	0	4	1	30	14
Paranaque City	20	14	0	0	9	10	0	0	0	0	0	0	0	0	29	24
Pasay City	4	1	4	1	11	14	16	8	0	0	0	0	0	0	35	24
Pasig City	8	1	6	1	2	4	38	15	0	0	14	11	24	21	92	53
Quezon City	0	0	0	1	1	2	0	0	0	0	0	0	0	0	1	3
Taguig	0	0	8	1	5	1	3	2	3	2	3	0	1	1	23	7
Valenzuela City	2	0	0	0	0	1	0	1	0	0	0	0	0	0	2	2

Table 12.2 - concluded

(Diffuculty Communicating)

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>17</b>	<b>11</b>	<b>15</b>	<b>6</b>	<b>2</b>	<b>8</b>	<b>23</b>	<b>10</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>19</b>	<b>10</b>	<b>80</b>	<b>46</b>
Caloocan City	0	1	1	0	0	0	2	0	1	0	0	0	0	0	4	1
Las Piñas City	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Makati City	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Mandaluyong City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Manila	1	0	0	0	0	0	13	5	0	0	0	0	0	2	14	7
Muntinlupa City	2	1	11	2	0	7	4	0	0	0	0	0	0	0	17	10
Navotas	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
Paranaque City	7	4	0	0	0	0	0	0	0	0	0	0	0	2	7	6
Pasig City	4	2	1	1	0	0	4	4	0	0	0	1	19	6	28	14
Quezon City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Taguig	2	2	2	3	0	1	0	1	0	0	0	0	0	0	4	7

Table 12.3

**GIFTED AND TALENTED ELEMENTARY LEARNERS BY DIVISION, BY GRADE LEVEL, AND BY SEX, NCR: SY 2015 - 2016**

Division	Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Total (Kindergarten to Grade 6)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>NCR</b>	<b>237</b>	<b>375</b>	<b>266</b>	<b>342</b>	<b>227</b>	<b>350</b>	<b>209</b>	<b>317</b>	<b>80</b>	<b>142</b>	<b>141</b>	<b>248</b>	<b>211</b>	<b>303</b>	<b>1,371</b>	<b>2,077</b>
Calocan City	8	18	9	23	12	18	9	19	8	21	0	0	0	0	46	99
Makati City	16	13	0	0	0	0	0	0	0	0	0	0	0	0	16	13
Manila	97	182	106	146	109	141	82	149	16	24	82	144	96	131	588	917
Marikina City	4	13	18	19	16	31	19	21	0	0	0	0	0	0	57	84
Muntinlupa City	7	19	9	22	12	23	17	19	13	22	14	21	11	22	83	148
Paranaque City	16	26	0	0	0	0	0	0	0	0	0	0	0	0	16	26
Pasay City	37	36	43	39	41	45	34	48	30	53	36	55	87	127	308	403
Pasig City	0	0	14	15	0	0	0	0	0	0	0	0	0	0	14	15
Quezon City	8	15	0	0	0	0	0	0	0	0	0	0	0	0	8	15
Taguig	44	53	67	78	37	92	48	61	13	22	9	28	17	23	235	357

Source: Department of Education

Table 12.4

**SECONDARY LEARNERS BY TYPE OF DISABILITY WITH DIAGNOSIS FROM SPECIALIST FROM SPED CLASSES OR SPED CENTERS  
MAINSTREAMED IN REGULAR CLASSES GRADED AND NON-GRADED BY DIVISION, BY GRADE LEVEL, AND BY SEX, NCR: SY 2015 -  
2016**

(Visual Impairment)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12					
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				Male
<b>NCR</b>	<b>378</b>	<b>334</b>	<b>486</b>	<b>655</b>	<b>534</b>	<b>749</b>	<b>521</b>	<b>764</b>	<b>48</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1968</b>	<b>2612</b>
Caloocan City	19	24	9	28	6	11	14	21	0	0	0	0	0	0	48	84
Las Piñas City	2	0	0	3	1	1	4	2	0	0	0	0	0	0	7	6
Makati City	36	33	21	47	27	33	20	34	0	0	0	0	0	0	104	147
Malabon City	5	4	1	1	1	9	4	3	0	0	0	0	0	0	11	17
Mandaluyong City	100	91	42	30	70	38	56	63	0	0	0	0	0	0	268	222
Manila	64	26	55	67	52	33	45	73	1	22	0	0	0	0	217	221
Marikina City	17	22	43	67	35	59	29	48	2	10	0	0	0	0	126	206
Muntinlupa City	5	11	1	3	16	22	0	0	0	0	0	0	0	0	22	36
Navotas	2	1	1	2	1	0	1	0	0	0	0	0	0	0	5	3
Paranaque City	31	46	28	42	27	25	35	62	5	21	0	0	0	0	126	196
Pasay City	11	3	13	8	7	4	7	5	9	10	0	0	0	0	47	30
Pasig City	6	1	1	1	0	1	1	1	0	0	0	0	0	0	8	4
Quezon City	20	18	15	31	52	70	24	37	0	0	0	0	0	0	111	156
Taguig	54	44	240	308	218	419	269	400	31	47	0	0	0	0	812	1,218
Valenzuela City	6	10	16	17	21	24	12	15	0	0	0	0	1	0	56	66

Source: Department of Education

Table 12.4 - continued

(Hearing Impairment)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>125</b>	<b>97</b>	<b>108</b>	<b>74</b>	<b>95</b>	<b>89</b>	<b>83</b>	<b>66</b>	<b>49</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>464</b>	<b>354</b>
Caloocan City	16	9	13	9	11	6	13	8	0	0	0	0	0	0	53	32
Las Piñas City	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Makati City	2	1	3	1	3	2	0	0	0	0	0	0	0	0	8	4
Malabon City	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Mandaluyong City	3	3	11	8	18	14	6	4	0	0	0	0	0	0	38	29
Manila	10	12	12	10	7	13	12	7	0	0	0	0	0	0	41	42
Marikina City	10	10	0	0	0	3	6	2	0	0	0	0	0	0	16	15
Muntinlupa City	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Paranaque City	13	6	8	4	4	5	2	2	0	0	0	0	0	0	27	17
Pasay City	31	30	44	33	35	29	29	20	40	20	0	0	0	0	179	132
Pasig City	8	2	2	1	4	3	3	4	0	0	0	0	0	0	17	10
Quezon City	19	9	6	6	8	5	3	8	9	4	0	0	0	0	45	32
Taguig	2	4	1	0	2	3	4	2	0	0	0	0	0	0	9	9
Valenzuela City	10	10	8	2	3	4	5	9	0	0	0	0	4	4	30	29

Table 12.4 - continued

(Learning Disability)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>51</b>	<b>24</b>	<b>31</b>	<b>9</b>	<b>17</b>	<b>14</b>	<b>25</b>	<b>14</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>127</b>	<b>63</b>
Caloocan City	9	6	2	0	0	0	0	0	0	0	0	0	0	0	11	6
Las Piñas City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Makati City	7	4	2	4	2	3	0	1	0	0	0	0	0	0	11	12
Malabon City	2	1	2	1	0	0	1	1	0	0	0	0	0	0	5	3
Mandaluyong City	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Manila	8	5	10	2	5	7	14	7	0	0	0	0	0	0	37	21
Marikina City	5	4	0	0	0	0	0	0	2	2	0	0	0	0	7	6
Muntinlupa City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Paranaque City	1	1	0	1	0	0	1	0	0	0	0	0	0	0	2	2
Pasay City	4	2	1	1	3	1	0	0	0	0	0	0	0	0	8	4
Pasig City	10	0	10	0	1	1	0	1	0	0	0	0	0	0	21	2
Quezon City	5	0	1	0	6	2	8	2	0	0	0	0	0	0	20	4
Taguig	0	0	1	0	0	0	0	2	0	0	0	0	0	0	1	2
Valenzuela City	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0

Table 12.4 - continued

(Intellectual Disability)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male			Female
<b>NCR</b>	<b>28</b>	<b>25</b>	<b>16</b>	<b>15</b>	<b>20</b>	<b>13</b>	<b>24</b>	<b>12</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>46</b>	<b>35</b>	<b>141</b>	<b>102</b>
Caloocan City	5	6	1	0	5	2	2	0	0	0	0	0	0	0	13	8
Las Piñas City	0	0	4	1	4	2	0	1	0	0	0	0	0	0	8	4
Makati City	11	12	4	6	4	3	5	4	0	0	0	0	9	3	33	28
Mandaluyong City	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Manila	1	0	2	1	0	0	5	1	0	0	0	0	0	0	8	2
Marikina City	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	2
Muntinlupa City	0	0	0	0	0	0	2	1	1	0	0	0	0	0	3	1
Pasay City	0	0	0	1	1	2	0	0	0	0	3	0	0	0	4	3
Pasig City	0	1	2	0	2	0	3	1	0	0	0	0	0	0	7	2
Quezon City	5	2	1	3	3	4	4	2	3	0	0	0	0	0	16	11
Taguig	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
Valenzuela City	4	4	2	3	1	0	2	1	0	0	0	0	37	32	46	40

Table 12.4 - continued

(Autism Spectrum Disorder)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)			
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	Male	Female
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
<b>NCR</b>	<b>21</b>	<b>4</b>	<b>22</b>	<b>2</b>	<b>26</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>14</b>	<b>109</b>	<b>28</b>	
Caloocan City	0	0	0	0	1	0	0	0	2	0	0	0	0	0	3	0	
Las Piñas City	2	0	3	0	2	0	1	0	0	0	0	0	0	0	8	0	
Makati City	5	2	8	1	4	4	1	3	0	0	0	0	5	2	23	12	
Malabon City	1	1	1	0	0	0	1	0	0	0	0	0	0	0	3	1	
Marikina City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
Muntinlupa City	0	0	0	0	11	0	1	0	0	0	0	0	0	0	12	0	
Navotas	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	
Paranaque City	1	0	1	1	1	0	0	0	0	0	0	0	0	0	3	1	
Pasay City	5	1	2	0	1	0	0	0	0	0	0	0	0	0	8	1	
Pasig City	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	
Quezon City	1	0	3	0	4	1	3	0	0	0	0	0	0	1	11	2	
Taguig	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Valenzuela City	4	0	3	0	1	0	1	0	0	0	0	0	24	11	33	11	

Table 12.4 - continued

(Emotional-Behavioral Disorder)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>24</b>	<b>8</b>	<b>9</b>	<b>1</b>	<b>12</b>	<b>8</b>	<b>11</b>	<b>12</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>4</b>	<b>67</b>	<b>39</b>
Caloocan City	14	1	0	0	1	0	0	0	0	0	0	0	0	0	15	1
Las Piñas City	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
Makati City	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3	1
Malabon City	2	1	1	0	1	1	2	1	0	0	0	0	0	0	6	3
Marikina City	0	1	0	0	0	1	0	0	0	6	0	0	0	0	0	8
Muntinlupa City	2	1	1	0	4	2	0	0	0	0	0	0	0	0	7	3
Navotas	2	1	0	0	0	0	0	1	0	0	0	0	0	0	2	2
Paranaque City	0	0	4	0	1	1	0	0	0	0	0	0	0	0	5	1
Pasay City	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Pasig City	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Quezon City	3	2	1	0	3	2	2	6	1	0	0	0	0	0	10	10
Taguig	1	1	0	0	1	1	0	1	0	0	0	0	0	0	2	3
Valenzuela City	0	0	1	1	0	0	5	2	0	0	0	0	8	3	14	6

Table 12.4 - continued

(Orthopedic/Physical Handicap)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>22</b>	<b>18</b>	<b>12</b>	<b>11</b>	<b>14</b>	<b>13</b>	<b>21</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>74</b>	<b>53</b>
Caloocan City	4	4	0	0	4	1	0	0	0	0	0	0	0	0	8	5
Las Piñas City	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Makati City	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
Malabon City	0	0	1	0	1	1	0	0	0	0	0	0	0	0	2	1
Manila	2	0	1	1	0	0	1	1	0	0	0	0	0	0	4	2
Marikina City	2	7	3	0	2	2	0	0	0	0	0	0	0	0	7	9
Muntinlupa City	2	0	1	0	1	0	0	0	1	0	0	0	0	0	5	0
Navotas	1	1	0	1	0	1	1	0	1	1	0	0	0	0	3	4
Paranaque City	0	0	0	2	1	1	1	0	0	0	0	0	0	0	2	3
Pasay City	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pasig City	1	0	3	0	0	1	1	1	0	0	0	0	0	0	5	2
Quezon City	6	4	1	2	1	0	16	1	0	0	0	0	0	0	24	7
Taguig	2	0	2	1	4	4	0	6	0	0	1	0	0	0	9	11
Valenzuela City	1	0	0	3	0	1	1	1	0	0	0	0	2	0	4	5

Table 12.4 - continued

(Speech Language Disorder)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>21</b>	<b>8</b>	<b>14</b>	<b>16</b>	<b>29</b>	<b>12</b>	<b>19</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>88</b>	<b>49</b>
Caloocan City	3	1	1	1	1	1	6	2	0	0	0	0	0	0	11	5
Las Piñas City	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Makati City	0	0	2	0	0	1	0	2	0	0	0	0	3	2	5	5
Malabon City	2	2	2	1	0	0	0	0	0	0	0	0	0	0	4	3
Manila	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0
Marikina City	3	0	1	0	5	4	1	1	1	1	0	0	0	0	11	6
Muntinlupa City	0	0	1	0	1	1	0	0	0	0	0	0	0	0	2	1
Navotas	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1
Paranaque City	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0
Pasay City	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0
Pasig City	1	1	0	3	1	0	0	0	0	0	0	0	0	0	2	4
Quezon City	4	2	1	2	5	1	4	3	0	0	0	0	0	0	14	8
Taguig	7	2	2	1	4	1	2	0	0	0	0	0	0	0	15	4
Valenzuela City	0	0	3	6	10	3	3	2	0	0	0	0	0	0	16	11

Table 12.4 - continued

(Cerebral Palsy)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>14</b>	<b>9</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>4</b>	<b>32</b>	<b>19</b>
Caloocan City	1	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1
Las Piñas City	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Makati City	1	1	1	0	0	1	0	0	0	0	0	0	0	0	2	2
Malabon City	1	0	1	0	0	0	0	1	0	0	0	0	0	0	2	1
Manila	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Muntinlupa City	4	6	0	0	0	0	0	0	1	0	0	0	0	0	5	6
Navotas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paranaque City	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Quezon City	2	1	0	0	1	0	0	0	0	0	0	0	0	0	3	1
Valenzuela City	4	0	2	0	0	0	1	2	0	0	0	0	9	4	16	6

Table 12.4 - continued

(Special Health Problem/Chronic Illness)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)			
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	Male	Female
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
<b>NCR</b>	<b>54</b>	<b>83</b>	<b>56</b>	<b>90</b>	<b>46</b>	<b>72</b>	<b>36</b>	<b>84</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>57</b>	<b>231</b>	<b>396</b>	
Caloocan City	4	8	6	13	0	0	3	8	0	0	0	0	0	0	13	29	
Las Piñas City	0	0	0	0	0	0	2	7	0	0	0	0	0	0	2	7	
Makati City	1	1	6	9	1	0	1	0	0	0	0	0	0	0	9	10	
Malabon City	3	7	3	2	2	2	3	3	1	0	0	0	0	0	12	14	
Manila	1	0	2	4	1	1	0	0	0	0	0	0	0	0	4	5	
Marikina City	11	12	8	4	6	23	3	8	4	10	0	0	0	0	32	57	
Muntinlupa City	0	2	1	3	2	2	2	1	0	0	0	0	0	0	5	8	
Navotas	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	
Paranaque City	4	8	9	14	1	1	1	5	0	0	0	0	0	0	15	28	
Pasay City	0	1	1	7	1	5	5	5	0	0	0	0	0	0	7	18	
Pasig City	2	2	2	0	0	0	0	0	0	0	0	0	0	0	4	2	
Quezon City	8	13	1	5	4	10	7	21	0	0	0	0	0	0	20	49	
Taguig	18	28	14	24	19	20	7	22	0	0	0	0	34	57	92	151	
Valenzuela City	1	0	2	5	9	8	2	4	0	0	0	0	0	0	14	17	

Table 12.4 - concluded

(Multiple Disabilities)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)			
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	Male	Female
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
<b>NCR</b>	<b>10</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>6</b>	<b>20</b>	<b>15</b>	
Makati City	7	4	0	0	0	1	0	0	0	0	0	0	0	0	7	5	
Malabon City	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Pasig City	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
Quezon City	1	1	1	1	0	0	1	0	1	0	0	0	0	0	4	2	
Valenzuela City	0	0	0	0	0	0	0	0	0	0	0	0	7	6	7	6	

Table 12.5

**SECONDARY LEARNERS BY TYPE OF DIFFICULTY BASED ON MANIFESTATION WITH DIAGNOSIS FROM SPECIALIST FROM SPED CLASSES OR SPED CENTERS MAINSTREAMED IN REGULAR CLASSES GRADED AND NON-GRADED BY DIVISION, BY GRADE LEVEL, AND BY SEX, NCR: SY 2015 - 2016**

(Diffuculty Seeing)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12					
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				Male
<b>NCR</b>	<b>977</b>	<b>1245</b>	<b>923</b>	<b>1345</b>	<b>951</b>	<b>1313</b>	<b>966</b>	<b>1341</b>	<b>100</b>	<b>135</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3925</b>	<b>5379</b>
Caloocan City	80	120	127	144	91	89	141	131	0	0	0	0	0	0	439	484
Las Piñas City	59	66	66	105	65	121	78	135	0	0	0	0	0	0	268	427
Makati City	58	52	33	42	41	77	66	75	8	12	0	0	0	0	206	258
Malabon City	39	43	66	96	40	74	36	53	6	0	0	0	0	0	187	266
Mandaluyong City	100	91	42	30	70	38	56	63	0	0	0	0	0	0	268	222
Manila	71	103	46	77	58	93	54	85	2	3	0	0	0	0	231	361
Marikina City	95	115	68	117	92	129	48	78	20	35	0	0	0	0	323	474
Muntinlupa City	54	104	75	136	78	132	106	154	0	0	0	0	0	0	313	526
Navotas	2	1	2	1	0	2	1	2	0	0	0	0	0	0	5	6
Paranaque City	41	50	49	73	31	31	36	66	5	21	0	0	0	0	162	241
Pasay City	26	39	7	32	15	17	27	39	14	13	0	0	0	0	89	140
Pasig City	57	62	46	40	40	40	56	68	10	15	0	0	0	0	209	225
Quezon City	113	136	97	163	184	250	123	207	4	5	0	0	0	0	521	761
Taguig	112	185	132	170	82	139	60	84	31	31	7	0	0	0	424	609
Valenzuela City	70	78	67	119	64	81	78	101	0	0	0	0	1	0	280	379

Source: Department of Education

Table 12.5 - continued

(Diffuculty Hearing)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>181</b>	<b>155</b>	<b>141</b>	<b>101</b>	<b>167</b>	<b>188</b>	<b>131</b>	<b>153</b>	<b>29</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>649</b>	<b>620</b>
Caloocan City	7	8	14	18	4	7	11	18	0	0	0	0	0	0	36	51
Las Piñas City	7	6	5	8	9	6	12	8	0	0	0	0	0	0	33	28
Makati City	4	6	3	2	3	2	2	2	0	0	0	0	0	0	12	12
Malabon City	24	20	2	9	48	74	7	8	0	0	0	0	0	0	81	111
Mandaluyong City	0	1	9	5	18	14	3	0	0	0	0	0	0	0	30	20
Manila	6	4	0	2	3	8	5	1	0	0	0	0	0	0	14	15
Marikina City	38	21	4	7	11	11	30	51	1	0	0	0	0	0	84	90
Muntinlupa City	2	1	1	0	5	0	15	5	0	0	0	0	0	0	23	6
Navotas	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Paranaque City	2	0	1	1	3	4	5	2	0	0	0	0	0	0	11	7
Pasay City	6	3	6	3	2	6	1	2	6	1	0	0	0	0	21	15
Pasig City	50	56	56	20	20	22	20	21	20	20	0	0	0	0	166	139
Quezon City	12	14	10	8	22	19	6	14	0	0	0	0	0	0	50	55
Taguig	18	11	22	14	13	12	6	15	2	2	0	0	0	0	61	54
Valenzuela City	3	4	8	4	6	3	8	6	0	0	0	0	0	0	25	17

Table 12.5 - continued

(Diffuculty Walking, Climbing and Grasping)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>62</b>	<b>51</b>	<b>16</b>	<b>19</b>	<b>19</b>	<b>35</b>	<b>30</b>	<b>45</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>5</b>	<b>149</b>	<b>161</b>
Caloocan City	1	1	2	7	0	0	7	16	0	2	0	0	0	0	10	26
Las Piñas City	1	2	2	0	0	2	3	6	0	0	0	0	0	0	6	10
Makati City	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Malabon City	22	19	2	3	0	1	1	0	0	0	0	0	0	0	25	23
Manila	3	2	0	0	2	1	0	0	0	0	0	0	0	0	5	3
Marikina City	25	20	2	2	13	19	6	7	1	2	0	0	0	0	47	50
Muntinlupa City	2	0	0	0	2	0	0	1	0	0	0	0	0	0	4	1
Navotas	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Paranaque City	1	2	2	4	0	0	1	0	0	0	0	0	0	0	4	6
Pasay City	0	0	1	0	0	0	1	1	0	2	0	0	0	0	2	3
Pasig City	2	0	1	0	0	1	1	0	0	0	0	0	0	0	4	1
Quezon City	2	1	2	3	2	1	4	7	0	0	0	0	0	0	10	12
Taguig	0	1	0	0	0	4	2	5	0	0	0	0	0	0	2	10
Valenzuela City	2	2	2	0	0	6	3	2	0	0	0	0	21	5	28	15

Table 12.5 - continued

(Difficulty Remembering, Concentrating, Paying Attention and Understanding)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>604</b>	<b>421</b>	<b>352</b>	<b>319</b>	<b>400</b>	<b>474</b>	<b>445</b>	<b>421</b>	<b>98</b>	<b>81</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>5</b>	<b>1920</b>	<b>1721</b>
Caloocan City	59	25	31	14	11	15	107	108	0	0	0	0	0	0	208	162
Las Piñas City	60	37	6	3	13	4	12	10	0	0	0	0	0	0	91	54
Makati City	9	0	0	0	0	0	19	8	0	0	0	0	0	0	28	8
Malabon City	28	22	47	89	55	69	29	10	0	0	0	0	0	0	159	190
Manila	40	45	18	9	48	53	13	12	0	0	0	0	0	0	119	119
Marikina City	129	95	71	33	70	38	53	59	21	26	0	0	0	0	344	251
Muntinlupa City	0	1	2	0	1	0	4	9	0	0	0	0	0	0	7	10
Paranaque City	1	3	3	6	4	0	6	9	0	0	0	0	0	0	14	18
Pasay City	20	4	9	6	14	8	18	12	24	4	0	0	0	0	85	34
Pasig City	50	50	51	50	50	51	50	50	50	50	0	0	0	0	251	251
Quezon City	63	48	55	39	39	39	23	16	0	0	0	0	0	0	180	142
Taguig	61	22	2	15	43	117	66	80	3	1	0	0	0	0	175	235
Valenzuela City	84	69	57	55	52	80	45	38	0	0	0	0	21	5	259	247

Table 12.5 - concluded

(Diffuculty Communicating)

Division	Graded												Non-Graded	Total (Grade 7 to Non-Graded)		
	Grade 7		Grade 8		Grade 9		Grade 10		Grade 11		Grade 12			Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
<b>NCR</b>	<b>141</b>	<b>100</b>	<b>73</b>	<b>68</b>	<b>123</b>	<b>88</b>	<b>89</b>	<b>57</b>	<b>21</b>	<b>19</b>	<b>6</b>	<b>0</b>	<b>22</b>	<b>5</b>	<b>475</b>	<b>337</b>
Caloocan City	16	9	2	2	2	1	6	7	0	0	0	0	0	0	26	19
Las Piñas City	2	3	4	4	9	1	3	0	0	0	0	0	0	0	18	8
Makati City	2	3	3	1	3	1	5	1	0	0	0	0	1	0	14	6
Malabon City	34	28	10	17	12	12	5	1	0	0	0	0	0	0	61	58
Manila	5	8	9	4	15	14	11	11	2	3	0	0	0	0	42	40
Marikina City	20	14	7	5	7	5	27	7	0	4	6	0	0	0	67	35
Muntinlupa City	1	2	2	0	1	0	1	3	0	0	0	0	0	0	5	5
Paranaque City	3	2	2	1	0	0	1	2	0	0	0	0	0	0	6	5
Pasay City	1	0	0	0	4	0	7	4	6	7	0	0	0	0	18	11
Pasig City	10	5	5	5	5	5	5	5	5	5	0	0	0	0	30	25
Quezon City	33	17	22	15	31	18	7	6	0	0	0	0	0	0	93	56
Taguig	0	0	3	8	5	3	1	4	8	0	0	0	0	0	17	15
Valenzuela City	14	9	4	6	29	28	10	6	0	0	0	0	21	5	78	54

Table 12.6

**UNDUPLICATED NUMBER OF CLIENTS SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY YEAR, BY SEX, AND BY TYPE OF CLIENT, PHL AND NCR: 2014 AND 2015**

Year/ Sex	Type of Client					
	Children	Youth	Persons with Disability	Senior Citizens	Other Needy Adults	Women
<b>2015</b>						
PHL						
<b>Both Sexes</b>	85,201	92,389	3,742	122,324	213,953	533,002
<b>Male</b>	39,258	36,303	2,037	38,665	213,953	NA
<b>Female</b>	45,943	56,086	1,705	83,659	NA	533,002
NCR						
Both Sexes	14,563	5,005	1,444	54,777	66,122	188,776
Male	7,644	2,068	886	16,334	66,122	NA
Female	6,919	2,937	558	38,443	NA	188,776
<b>2014</b>						
PHL						
<b>Both Sexes</b>	63,760	53,190	5,662	40,524	116,402	250,290
<b>Male</b>	29,383	23,635	3,137	13,205	116,402	NA
<b>Female</b>	34,377	29,555	2,525	27,319	NA	250,290
NCR						
Both Sexes	13,883	4,893	2,623	21,127	25,096	83,121
Male	7,044	2,089	1,817	6,722	25,096	NA
Female	6,839	2,804	806	14,405	NA	83,121

Source: Department of Social Welfare and Development

Note: NA means Not Applicable

Table 12.7

**NUMBER OF CHILDREN BENEFICIARIES SERVED BY THE PANTAWID PAMILYANG PILIPINO PROGRAM BY YEAR, AND BY SEX, PHL AND NCR: 2012 - 2015**

Sex	2012	2013	2014	2015
PHL				
<b>Both Sexes</b>	8,031,140	9,796,329	11,116,442	10,207,723
<b>Male</b>	4,101,046	5,052,109	5,754,370	5,321,641
<b>Female</b>	3,930,094	4,744,220	5,362,072	4,886,082
NCR				
Both Sexes	248,513	519,265	608,921	557,684
Male	127,804	269,736	317,688	292,756
Female	120,709	249,529	291,233	264,928

Source: Department of Social Welfare and Development

Table 12.8

**NUMBER OF WOMEN IN ESPECIALLY DIFFICULT CIRCUMSTANCES SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY TYPE, AND BY YEAR, NCR: 2011-2017**

Type of Violence	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	<b>286</b>	<b>823</b>	<b>397</b>	<b>611</b>	<b>619</b>	<b>410</b>	<b>426</b>
Emotionally abused	-	-	-	-	7	7	3
Physically abused/maltreated/battered	5	22	16	33	2	13	3
Sexually Abused	.	34	23	44	36	30	26
Rape	20	24	17	31	31	24	14
Incest	8	8	6	13	5	5	9
Acts of lasciviousness/ attempted rape	-	2	-	-	-	1	3
Victims of armed conflict	-	-	-	-	-	-	-
Victims of illegal recruitment	56	25	15	24	42	38	114
Victims of involuntary prostitution	176	66	80	7	116	76	104
Women in detention	-	-	-	-	-	-	-
Others	49	676	263	503	416	246	176
Victims of trafficking	49	674	208	480	379	246	113
Abandoned by husband	-	-	-	-	-	-	-
Victims of Conflict	-	-	-	-	-	-	54
Separated with custody battle of children	-	2	55	23	37	-	9

Source: Department of Social Welfare and Development-NCR

Note: "-" means no reported cases.

Table 12.9

**NUMBER OF PERSON WITH DISABILITY REGISTERED VOTERS AND VOTER'S TURNOUT FOR PWD BY ELECTION YEAR, PHL AND NCR: 2013 AND 2016 ELECTIONS**

Region/ Year	PWD VOTERS	PWD REGISTERED VOTERS WHO ACTUALLY VOTED	VOTER'S TURNOUT (%)
<b>PHL</b>			
<b>2013</b>	<b>195,767</b>	<b>146,441</b>	<b>74.8</b>
<b>2016</b>	<b>318,747</b>	<b>257,073</b>	<b>80.65</b>
<b>NCR</b>			
2013	3,144	2,153	68.48
2016	12,582	9,241	73.45

Source: Commission on Elections

Table 12.10

**NUMBER OF REPORTED CASES OF CHILD ABUSE SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY YEAR, BY SEX, AND BY TYPE OF ABUSE, NCR:**

Year/ Sex	Types of Abuse					
	Physically abused/ maltreated/ battered	Sexual Abuse			Victims of Pedophilia	Victims of Prostitution
		Rape	Incest	Acts of Lasciviousness		
<b>2009</b>						
<b>Both Sexes</b>	<b>53</b>	<b>72</b>	<b>51</b>	<b>24</b>	<b>5</b>	<b>23</b>
Male	21	-	-	3	-	-
Female	32	72	51	21	5	23
<b>2010</b>						
<b>Both Sexes</b>	<b>35</b>	<b>72</b>	<b>45</b>	<b>20</b>	<b>-</b>	<b>17</b>
Male	16	-	-	3	-	-
Female	19	72	45	17	-	17
<b>2011</b>						
<b>Both Sexes</b>	<b>52</b>	<b>71</b>	<b>52</b>	<b>13</b>	<b>4</b>	<b>17</b>
Male	22	-	-	-	-	-
Female	30	71	52	13	4	17
<b>2012</b>						
<b>Both Sexes</b>	<b>63</b>	<b>93</b>	<b>66</b>	<b>18</b>	<b>7</b>	<b>7</b>
Male	30	6	-	-	1	-
Female	33	87	66	18	6	7
<b>2013</b>						
<b>Both Sexes</b>	<b>53</b>	<b>91</b>	<b>55</b>	<b>9</b>	<b>1</b>	<b>12</b>
Male	28	-	-	-	-	-
Female	25	91	55	9	1	12
<b>2014</b>						
<b>Both Sexes</b>	<b>69</b>	<b>52</b>	<b>45</b>	<b>4</b>	<b>8</b>	<b>10</b>
Male	26	-	-	-	4	-
Female	43	52	45	4	4	10
<b>2015</b>						
<b>Both Sexes</b>	<b>36</b>	<b>46</b>	<b>40</b>	<b>4</b>	<b>-</b>	<b>-</b>
Male	20	-	-	1	-	-
Female	16	46	40	3	-	-
<b>2016</b>						
<b>Both Sexes</b>	<b>22</b>	<b>44</b>	<b>21</b>	<b>5</b>	<b>4</b>	<b>-</b>
Male	8	2	-	1	4	-
Female	14	42	21	4	-	-
<b>2017</b>						
<b>Both Sexes</b>	<b>34</b>	<b>32</b>	<b>11</b>	<b>24</b>	<b>-</b>	<b>7</b>
Male	17	-	-	4	-	-
Female	17	32	11	20	-	7
<b>2018</b>						
<b>Both Sexes</b>	<b>17</b>	<b>24</b>	<b>20</b>	<b>4</b>	<b>-</b>	<b>14</b>
Male	7	-	-	-	-	-
Female	10	24	20	4	-	14

Source: Department of Social Welfare and Development

Note: "-" means no reported cases.

Table 12.11

**NUMBER OF CHILDREN IN NEED OF SPECIAL PROTECTION SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY YEAR, AND BY TYPE OF ABUSE, NCR: 2008-2017**

Year	Total	Type of Abuse								
		Rape	Incest	Acts of Lasciviousness	Abandoned	Children in Conflict with the Law	Neglected	Physically Abused/ Maltreated/ Battered	Sexually Exploited	Trafficking
2008	716	66	64	16	172	56	180	47	30	85
2009	783	78	52	26	164	46	230	59	38	90
2010	1,021	67	44	20	530	22	192	73	5	68
2011	912	71	51	13	370	20	217	56	9	105
2012	985	93	65	18	210	31	320	60	10	178
2013	779	90	55	9	129	42	233	52	4	165
2014	931	52	45	4	256	46	183	67	39	239
2015	744	46	40	4	184	41	183	37	33	176
2016	697	44	21	5	211	27	197	22	57	113
2017	641	32	11	24	112	28	160	34	42	218
2018	507	24	20	4	69	36	125	17	50	162

Source: Department of Social Welfare and Development

Table 12.12

**NUMBER OF YOUTH OFFENDERS SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY SEX, AND BY YEAR, NCR: 2008-2017**

Sex	2009	2010	2011	2012	2013	2014	2015	2016	2017
Both Sexes	46	22	20	31	42	46	41	27	28
Male	4	5	1	1	1	3	3	1	2
Female	42	17	19	30	41	43	38	26	26

Source: Department of Social Welfare and Development-NCR

Table 12.13

**HOUSEHOLD POPULATION 5 YEARS OLD AND OVER WITH FUNCTIONAL DIFFICULTY BY SEX ,TYPE, AND BY AGE GROUP, NCR: 2010**

Sex/ Type of Functional Difficulty	With Functional Difficulty	Age Group															
		5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80 and over
<b>Both Sexes</b>	<b>441,560</b>	<b>8,924</b>	<b>11,852</b>	<b>12,787</b>	<b>11,942</b>	<b>11,548</b>	<b>11,682</b>	<b>12,707</b>	<b>25,582</b>	<b>37,837</b>	<b>47,934</b>	<b>44,397</b>	<b>46,748</b>	<b>33,648</b>	<b>38,107</b>	<b>30,066</b>	<b>55,799</b>
Seeing, even if wearing eyeglasses	265,361	1,738	3,316	4,575	5,266	6,126	6,650	8,154	19,908	31,278	38,622	34,432	32,608	21,603	20,230	13,791	17,064
Hearing, even if using a hearing aid	44,360	960	1,212	1,226	1,156	1,068	981	943	1,345	1,622	2,469	2,636	4,154	3,691	5,633	5,006	10,258
Walking or climbing steps	57,901	1,232	1,413	1,389	1,239	1,134	1,327	1,270	1,766	2,257	3,574	4,114	5,727	5,294	7,068	6,211	12,886
Remembering or concentrating	27,669	1,221	1,696	1,658	1,297	1,010	889	796	956	1,024	1,282	1,314	1,826	1,608	2,418	2,298	6,376
Self-caring (bathing or dressing)	23,971	1,753	1,685	1,556	1,190	829	712	608	606	715	928	974	1,329	1,249	1,668	1,786	6,383
Communication using his/her usual language	22,298	2,020	2,530	2,383	1,794	1,381	1,123	936	1,001	941	1,059	927	1,104	203	1,090	974	2,832
<b>Male</b>	<b>196,394</b>	<b>5,090</b>	<b>6,471</b>	<b>6,541</b>	<b>5,751</b>	<b>5,599</b>	<b>5,518</b>	<b>5,892</b>	<b>11,797</b>	<b>17,914</b>	<b>23,014</b>	<b>21,552</b>	<b>21,924</b>	<b>15,267</b>	<b>15,232</b>	<b>10,907</b>	<b>17,925</b>
Seeing, even if wearing eyeglasses	114,849	907	1,517	1,937	2,199	2,594	2,787	3,479	8,697	14,321	18,024	16,118	14,674	9,154	7,876	4,954	5,611
Hearing, even if using a hearing aid	19,461	557	679	669	587	575	504	483	669	844	1,184	1,385	2,111	1,760	2,399	1,941	3,114
Walking or climbing steps	26,175	664	793	773	683	643	810	750	1,041	1,314	1,975	2,231	2,869	2,458	2,799	2,146	4,226
Remembering or concentrating	12,419	747	998	927	685	566	465	388	514	517	660	677	917	730	953	817	1,858
Self-caring (bathing or dressing)	11,628	983	990	864	621	469	381	309	345	413	552	579	752	663	701	679	2,327
Communication using his/her usual language	11,862	1,232	1,494	1,371	976	752	571	483	531	505	619	562	601	502	504	370	789
<b>Female</b>	<b>245,506</b>	<b>3,834</b>	<b>5,381</b>	<b>6,246</b>	<b>6,191</b>	<b>5,949</b>	<b>6,164</b>	<b>6,815</b>	<b>13,785</b>	<b>19,923</b>	<b>24,920</b>	<b>22,845</b>	<b>24,824</b>	<b>19,081</b>	<b>22,875</b>	<b>19,159</b>	<b>37,874</b>
Seeing, even if wearing eyeglasses	150,152	831	1,799	2,638	3,067	3,532	3,863	4,675	11,211	16,957	20,598	18,314	17,934	12,449	12,354	8,837	11,453
Hearing, even if using a hearing aid	24,899	403	533	557	569	493	477	460	676	778	1,285	1,251	2,043	1,931	3,234	3,065	7,144
Walking or climbing steps	31,726	568	620	616	556	491	517	520	725	943	1,599	1,883	2,858	2,836	4,269	4,065	8,660
Remembering or concentrating	15,250	474	698	731	612	444	424	408	442	507	622	637	909	878	1,465	1,481	4,518
Self-caring (bathing or dressing)	12,343	770	695	692	569	360	331	299	261	302	376	395	577	586	967	1,107	4,056
Communication using his/her usual language	11,136	788	1,036	1,012	818	629	552	453	470	436	440	365	503	401	586	604	2,043

Source: Philippine Statistics Authority

Table 12.14

**NUMBER OF DAY CARE CENTER AND DAY CARE WORKERS BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2015 - 2017**

City/Municipality	Number of Barangay	Total Number of Day Care Center				Total Number of Day Care Worker			
		2015	2016	2017	2018	2015	2016	2017	2018
<b>NCR</b>	<b>1,706</b>	<b>1,903</b>	<b>1,910</b>	<b>1,963</b>	<b>1,994</b>	<b>1,873</b>	<b>1,876</b>	<b>1,976</b>	<b>1,889</b>
City of Manila	897	483	483	494	486	417	417	432	435
Mandaluyong City	27	55	55	60	60	66	66	76	71
Marikina City	16	21	21	32	32	17	17	33	33
Pasig City	30	97	97	30	102	89	89	97	102
Quezon City	142	286	294	297	297	282	284	285	285
San Juan	21	16	16	16	16	16	16	16	16
Caloocan City	188	213	213	213	213	209	209	209	109
Malabon City	21	34	34	34	34	33	33	33	33
Navotas City	14	19	19	19	19	20	20	20	20
Valenzuela City	33	79	79	158	82	110	110	151	161
Las Piñas City	20	89	89	80	80	77	77	81	81
Makati City	33	39	39	39	39	45	45	45	45
Muntinlupa City	9	88	88	89	89	98	98	94	94
Parañaque City	16	120	120	143	143	128	128	143	143
Pasay City	201	112	112	106	101	114	114	108	108
Pateros	10	17	16	18	16	17	16	16	16
Taguig City	28	135	135	135	135	135	137	137	137

Source: Department of Social Welfare and Development



## Chapter 13 Transportation and Communication

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Data on the extent and coverage of the transportation and communication networks of an area are essential. The data provide the planners and decision makers in the government and in entrepreneurial ventures with a sound basis to improve the state of their infrastructures. Specifically, planners use the data in the formulation of strategies that will link the locality with its neighbors within and outside the region. The different mode of transportation and channels and media for communication are vital in the economic, social and cultural lives of peoples and institutions in the community. A well-developed transportation system ensures fast and efficient transfer of goods and services between traders, households and other institutions within and outside the geographical limits of the community. Similarly, breakthrough in the communication system accelerates the flow of information. This era of information technology enables a faster access to and dissemination of news, events and developments in the domestic and international scene. The business community receives vital information that can expand the market for their products and services. The continuous provision of data on the transportation and communication systems of an area therefore becomes indispensable in charting the course towards socioeconomic development and cultural uplift of the area.

This chapter presents data on modes of transportation at the regional and city/municipal levels. On the land transport, the data presented include the registration of motor vehicles and permits/licenses issued by the Land Transportation Office (LTO). The data presented also include the road length and the number and length of bridges; the Department of Public Works and Highways (DPWH) is the source of data, rail data is also available provided by rail authorities. For the communication sector, the chapter provides data on the number of telecommunication facilities, licensed radio stations, telephone distribution, post offices and volume of mail handled. The sources of data is the National Telecommunication Commission (NTC).

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Table 13.1

**NUMBER OF MOTOR VEHICLE REGISTERED BY MONTH, NCR: 2017**

Month of Registration	Total	Registered		Registration Cases
		New Registration	Renewal	
<b>2017</b>	<b>2,617,537</b>	<b>621,839</b>	<b>1,995,698</b>	<b>3,495,143</b>
January	212,527	39,477	173,050	270,966
February	234,966	45,849	189,117	310,200
March	289,663	75,235	214,428	395,914
April	195,260	39,091	156,169	255,403
May	262,185	49,760	212,425	347,285
June	240,138	50,058	190,080	313,938
July	256,543	59,864	196,679	335,357
August	264,351	60,540	203,811	350,060
September	231,340	50,249	181,091	305,885
October	230,369	50,953	179,416	312,515
November	101,121	48,432	52,689	151,166
December	99,074	52,331	46,743	146,454

Source: Land Transportation Office

Table 13.2

**NUMBER OF MOTOR VEHICLE REGISTERED BY TYPE OF VEHICLE, AND BY CLASSIFICATION, NCR: 2017**

Type of Vehicle	Total	Classification			
		Private	Government	Diplomatic	For Hire
<b>Total</b>	<b>2,612,036</b>	<b>2,408,066</b>	<b>15,246</b>	<b>2,559</b>	<b>186,165</b>
Cars	472,872	446,985	938	2,559	22,390
Utility Vehicle	639,572	562,234	8,881	-	68,457
Sports Utility Vehicle	269,927	269,082	845	-	-
Trucks	94,878	74,801	1,183	-	18,894
Buses	14,258	4,961	236	-	9,061
Motorcycle/Tricycle	1,096,182	1,027,202	3,131	-	65,849
Trailers	24,347	22,801	32	-	1,514

Source: Land Transportation Office

Note: "-" means 0

Table 13.3

**NUMBER OF MOTOR VEHICLE REGISTERED BY LTO OFFICE, AND BY TYPE OF VEHICLE, NCR: 2017**

LTO Office	Type of Vehicle						
	Cars	Utility Vehicle	Sports Utility Vehicle	Trucks	Buses	Motorcycle/Tricycle	Trailers
<b>NCR</b>	<b>472,872</b>	<b>639,572</b>	<b>269,927</b>	<b>94,878</b>	<b>14,258</b>	<b>1,096,182</b>	<b>24,347</b>
NCR New Registration Unit	49,102	64,029	52,291	17,468	2,416	216,317	3,007
Kalookan City District Office	10,582	22,099	6,452	5,934	56	39,781	1,865
Camp Aguinaldo Extension Office	17,187	19,209	9,018	2,346	2	23,277	631
Diliman District Office	16,211	22,109	7,864	4,633	408	15,888	1,444
La Loma District Office	26,528	33,379	15,216	3,850	-	33,984	483
Las Piñas District Office	33,443	32,688	16,469	3,426	109	45,777	477
Makati City District Office	29,000	28,404	16,763	2,034	9	32,488	1,033
Malabon Extension Office	4,512	10,675	2,454	1,678	1	24,811	1,279
Mandaluyong Extension Office	22,301	24,490	14,811	1,817	-	47,365	249
Manila East District Office	12,534	18,355	7,577	3,010	70	15,197	2,194
Manila North District Office	7,730	12,763	4,734	1,073	1	34,632	1,675
Manila South District Office	11,157	14,701	6,452	1,874	103	20,084	588
Manila West District Office	8,372	10,826	4,753	1,086	24	12,333	450
Marikina District Office	24,630	30,190	10,737	2,223	-	69,085	250
Navotas Extension Office	3,709	8,766	2,495	2,050	16	14,220	2,118
Novaliches District Office	26,461	41,028	11,939	4,990	35	75,661	438
Muntinlupa District Office	17,984	17,059	8,752	533	878	36,323	51
Parañaque Extension Office	21,324	21,378	9,675	1,635	41	44,121	697
Pasay District Office	8,533	11,501	4,450	1,889	748	19,000	374
Pasig District Office	31,745	34,475	15,204	2,984	-	68,140	648
Pilot District Office	17,564	41,811	-	12,076	2,873	5,102	887
Pilot Extension Office	4,826	26,646	-	6,818	6,188	1,808	627
Quezon City District Office	33,547	46,581	22,465	4,229	232	99,019	1,182
San Juan District Office	12,238	14,559	7,502	1,035	25	13,395	453
Taguig Extension Office	9,027	11,203	4,262	749	4	40,144	17
Valenzuela District Office	8,690	18,457	4,572	3,414	15	46,924	1,182
E- Patrol NCR	3,935	2,191	3,020	24	4	1,306	48

Source: Land Transportation Office

Note: "-" means 0

Table 13.4

**NUMBER OF LICENSE AND PERMIT ISSUED BY TYPE OF LICENSE, BY CLASSIFICATION, AND BY SEX, NCR: 2017**

Type of License	Total		Classification			
			New		Renewal	
	Male	Female	Male	Female	Male	Female
<b>Total</b>	<b>1,239,665</b>	<b>362,754</b>	<b>447,628</b>	<b>171,120</b>	<b>792,037</b>	<b>191,634</b>
Professional	527,017	25,810	42,775	1,955	484,242	23,855
Non Professional	428,234	215,241	122,330	47,553	305,904	167,688
Student Permit	281,451	121,559	281,451	121,559	-	-
Conductors Permit	2,963	144	1,072	53	1,891	91

Source: Land Transportation Office

Note: "-" means 0

Table 13.5

**NUMBER OF LICENSING BY CLASSIFICATION AND BY MONTH, NCR: 2017**

Classification	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>NCR</b>	<b>6,093,386</b>	<b>521,895</b>	<b>432,423</b>	<b>495,678</b>	<b>394,447</b>	<b>517,987</b>	<b>470,944</b>	<b>466,402</b>	<b>453,693</b>	<b>446,822</b>	<b>479,251</b>	<b>435,179</b>	<b>456,770</b>
License Issued	1,598,945	150,315	122,380	140,134	112,770	149,243	135,092	133,763	131,201	128,830	136,803	125,532	132,882
License Handled	2,373,601	221,265	187,663	215,410	168,907	219,501	200,760	198,876	191,291	189,162	205,645	184,115	191,006
License New	616,781	61,093	51,626	56,443	43,540	59,352	54,302	53,817	49,720	46,137	49,441	45,961	45,349
License Renewal	982,164	89,222	70,754	83,691	69,230	89,891	80,790	79,946	81,481	82,693	87,362	79,571	87,533

Source: Land Transportation Office

Table 13.6

**EXISTING NATIONAL ROAD LENGTH BY DPWH DISTRICT ENGINEERING OFFICE BY TYPE , NCR: 2012 - 2017**

(in kilometers)

DISTRICT ENGINEERING OFFICE	Type											
	Concrete						Ashpalt					
	2012	2013	2014	2015	2016	2017	2012	2013	2014	2015	2016	2017
<b>NCR</b>	453.4	410.6	418.6	418.6	426.2	435.3	667.8	730.2	731.4	731.4	732.8	726.7
Metro Manila 1st DEO	42.1	38.9	38.1	38.1	32.8	30.4	127.2	138.3	138.8	138.8	144.2	146.8
Metro Manila 2nd DEO	46.6	38.0	34.3	34.3	31.8	31.7	78.2	87.1	93.8	93.8	98.0	97.8
Metro Manila 3rd DEO	36.9	48.6	67.4	67.4	68.7	73.0	56.0	52.4	33.7	33.7	32.4	29.8
North Manila DEO	72.3	66.4	77.5	77.5	79.8	84.2	74.4	80.2	69.6	69.6	67.6	63.8
South Manila DEO	19.6	19.9	23.2	23.2	30.6	31.4	160.2	159.9	158.0	158.0	152.8	152.0
Quezon City 1st DEO	89.3	84.1	76.5	76.5	79.3	79.4	73.6	78.8	87.8	87.8	88.4	88.3
Quezon City 2nd DEO	95.5	74.4	59.9	59.9	59.9	59.5	60.4	84.3	98.8	98.8	98.8	99.2
Malabon-Navotas DEO	34.7	36.1	38.5	38.5	39.9	40.7	6.9	5.6	3.3	3.3	3.1	3.2
Las Piñas-Muntinlupa DEO	16.4	4.1	3.3	3.3	3.3	5.0	30.9	43.6	47.6	47.6	47.6	45.9

Source: Department of Public Works and Highways

Note: Data of 2017 is as of Nov. 2017

Table 13.7

**NUMBER OF CELL SITE BY CITY/MUNICIPALITY AND BY TELECOMMUNICATION COMPANY, NCR: 2017**

City / Municipality	Cellsites	
	Smart	Globe
<b>NCR</b>	<b>3,335</b>	<b>333</b>
City of Manila	464	38
City of Mandaluyong	132	21
City of Marikina	109	20
City of Pasig	242	41
Quezon City	701	32
City of San Juan	52	10
Caloocan City	174	35
City of Malabon	66	11
City of Navotas	17	3
City of Valenzuela	107	18
City of Las Piñas	111	10
City of Makati	426	41
City of Muntinlupa	145	4
City of Parañaque	218	24
Pasay City	165	11
Pateros	2	-
Taguig City	204	14

Source: National Telecommunications Commission

Note: "-" means 0

Telecommunication Company with valid license as of Dec. 2017

Table 13.8

**NUMBER OF EXISTING RADIO TELECOMMUNICATION FACILITY: 2016**

City/Municipality	Number of AM Radio Stations	Number of FM Radio Stations
<b>NCR</b>	<b>16</b>	<b>17</b>
City of Manila	1	-
City of Mandaluyong	3	3
City of Marikina	1	-
City of Pasig	4	6
Quezon City	9	5
City of San Juan	1	1
Caloocan City	-	-
City of Malabon	-	-
City of Navotas	-	-
City of Valenzuela	-	-
City of Las Piñas	-	-
City of Makati	5	1
City of Muntinlupa	-	-
City of Parañaque	-	-
Pasay City	2	3
Pateros	-	-
Taguig City	-	-

Source: National Telecommunications Commission

Note: "-" means 0

Table 13.9a

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 1 BY STATION, AND BY MONTH, NCR: 2015**

(in thousands)

Station	Entry													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>141,572</b>	<b>590</b>	<b>12,916</b>	<b>12,048</b>	<b>12,859</b>	<b>10,308</b>	<b>11,519</b>	<b>11,294</b>	<b>11,557</b>	<b>11,194</b>	<b>11,741</b>	<b>12,007</b>	<b>11,585</b>	<b>12,545</b>
Baclaran	10,332	861	941	865	924	773	907	787	795	802	808	826	889	1,015
EDSA	16,070	1,339	1,474	1,396	1,477	1,187	1,375	1,372	1,385	1,269	1,280	1,320	1,226	1,310
Libertad	4,267	356	379	368	393	295	348	348	351	317	357	370	357	384
Gil Puyat	11,233	936	1,060	974	1,046	842	937	893	898	818	903	953	926	983
Vito Cruz	4,895	408	468	432	467	376	374	361	365	384	454	454	404	355
Quirino	4,090	341	346	349	382	309	332	313	327	328	359	360	340	345
Pedro Gil	7,453	621	672	624	673	577	648	614	628	591	593	627	599	608
United Nation	8,131	678	827	785	812	593	621	594	628	614	697	691	634	635
Central	5,348	446	520	497	501	331	380	445	481	444	471	442	416	421
Carriedo	8,289	691	842	725	774	639	657	623	638	603	636	689	684	779
Doroteo Jose	8,667	722	792	675	714	553	664	721	747	736	772	755	742	797
Bambang	2,263	189	193	181	196	163	190	184	185	184	192	201	192	202
Tayuman	5,737	478	508	465	504	407	473	468	476	465	477	496	470	528
Blumentritt	4,069	339	352	324	350	283	352	340	337	322	330	349	339	393
Abad Santos	2,269	189	191	188	202	163	183	187	190	184	190	195	184	212
R. Papa	2,415	201	208	196	218	173	196	201	195	198	201	205	205	220
5th Avenue	6,119	510	523	492	550	447	498	487	517	496	520	526	500	563
Monumento	14,810	1,234	1,357	1,251	1,307	1,097	1,196	1,172	1,209	1,206	1,209	1,231	1,206	1,370
Balintawak	5,783	482	441	471	517	420	459	456	464	477	493	507	507	571
Roosevelt	9,332	778	822	792	851	682	729	731	740	755	800	811	765	854

Source: Light Rail Manila Corporation

Table 13.9a - concluded

(in thousands)

Station	Exit													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>134,845</b>	<b>11,237</b>	<b>12,730</b>	<b>11,581</b>	<b>12,358</b>	<b>10,007</b>	<b>11,028</b>	<b>8,318</b>	<b>11,516</b>	<b>11,177</b>	<b>10,178</b>	<b>11,955</b>	<b>11,561</b>	<b>12,436</b>
Baclaran	9,488	791	877	743	782	703	839	554	900	749	773	761	834	972
EDSA	17,080	1,423	1,626	1,471	1,536	1,291	1,476	906	1,603	1,438	1,425	1,465	1,377	1,467
Libertad	4,570	381	407	388	416	328	378	251	406	377	403	411	393	413
Gil Puyat	14,085	1,174	1,266	1,173	1,287	1,117	1,178	720	1,305	1,175	1,193	1,238	1,179	1,254
Vito Cruz	4,770	397	456	427	455	354	345	251	384	407	432	455	421	383
Quirino	3,632	303	328	320	350	292	286	187	310	302	294	326	316	320
Pedro Gil	7,078	590	710	629	679	563	569	351	582	610	555	614	600	616
United Nation	8,550	713	928	827	873	552	633	453	695	735	696	742	706	710
Central	5,516	460	552	544	568	374	374	254	418	506	474	497	467	488
Carriedo	8,434	703	911	787	813	651	599	451	612	677	596	729	748	861
Doroteo Jose	8,022	669	761	686	702	556	605	498	647	685	598	743	742	801
Bambang	1,684	140	157	149	154	131	138	107	137	140	117	155	149	149
Tayuman	4,378	365	413	375	400	332	366	286	359	351	301	401	379	416
Blumentritt	3,265	272	296	269	291	245	288	254	281	258	207	289	282	304
Abad Santos	1,472	123	135	124	132	110	128	112	125	120	96	131	123	136
R. Papa	2,461	205	223	203	219	185	214	193	207	207	152	218	214	226
5th Avenue	3,969	331	342	321	349	289	333	316	356	320	257	372	340	375
Monumento	15,583	1,299	1,417	1,279	1,351	1,163	1,309	1,278	1,333	1,277	965	1,406	1,332	1,474
Balintawak	3,370	281	284	266	303	247	291	273	284	263	200	315	308	337
Roosevelt	7,438	620	642	598	698	524	680	621	574	580	446	687	653	733

Table 13.9b

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 1 BY STATION, AND BY MONTH, NCR: 2016**

(in thousands)

Station	Entry													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>148,273</b>	<b>618</b>	<b>12,824</b>	<b>12,136</b>	<b>11,516</b>	<b>11,784</b>	<b>11,902</b>	<b>12,056</b>	<b>12,379</b>	<b>12,297</b>	<b>12,359</b>	<b>12,817</b>	<b>12,648</b>	<b>13,556</b>
Baclaran	10,710	893	900	841	803	846	878	877	882	865	866	934	932	1,086
EDSA	16,369	1,364	1,390	1,342	1,263	1,289	1,262	1,290	1,396	1,405	1,411	1,418	1,406	1,498
Libertad	4,617	385	386	375	359	357	359	381	397	393	396	402	394	418
Gil Puyat	11,884	990	1,012	946	909	958	981	964	972	985	976	1,036	1,042	1,104
Vito Cruz	5,102	425	449	449	423	401	396	431	434	398	424	453	449	396
Quirino	4,444	370	374	363	349	362	355	366	369	368	368	393	391	385
Pedro Gil	7,770	647	655	628	610	632	631	639	638	655	638	685	678	680
United Nation	8,547	712	758	726	695	670	660	713	714	741	745	731	726	669
Central	5,425	452	505	484	460	387	388	439	509	498	487	469	369	431
Carriedo	8,847	737	812	717	672	703	711	712	732	710	724	760	733	861
Doroteo Jose	9,436	786	817	782	725	722	734	757	791	794	807	827	825	854
Bambang	2,304	192	202	193	179	188	187	188	190	194	196	197	192	197
Tayuman	6,083	507	520	502	471	504	514	502	500	504	492	513	505	556
Blumentritt	4,451	371	374	357	338	357	364	360	363	366	371	388	382	431
Abad Santos	2,274	190	203	191	171	172	176	174	186	193	193	197	196	222
R. Papa	2,259	188	211	203	183	184	181	183	183	180	179	183	186	204
5th Avenue	6,267	522	547	506	499	534	544	528	519	516	504	506	508	556
Monumento	15,334	1,278	1,302	1,206	1,151	1,204	1,243	1,207	1,260	1,271	1,290	1,354	1,344	1,501
Balintawak	6,545	545	568	535	510	537	557	547	553	496	505	551	566	620
Roosevelt	9,604	800	840	791	744	776	783	795	793	766	787	819	822	888

Source: Light Rail Manila Corporation

Table 13.9b - concluded

(in thousands)

Station	Exit													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>147,141</b>	<b>613</b>	<b>12,756</b>	<b>12,082</b>	<b>11,449</b>	<b>11,689</b>	<b>11,830</b>	<b>11,958</b>	<b>12,252</b>	<b>12,170</b>	<b>12,257</b>	<b>12,687</b>	<b>12,624</b>	<b>13,388</b>
Baclaran	9,660	805	815	763	727	769	813	796	783	760	760	819	835	1,020
EDSA	17,817	1,485	1,517	1,458	1,375	1,425	1,392	1,401	1,500	1,503	1,508	1,546	1,547	1,645
Libertad	4,978	415	427	410	390	383	386	414	422	426	427	430	427	436
Gil Puyat	15,025	1,252	1,285	1,233	1,190	1,246	1,262	1,246	1,248	1,214	1,231	1,271	1,267	1,331
Vito Cruz	5,229	436	458	462	425	409	409	438	439	409	433	462	463	424
Quirino	4,135	345	344	335	322	329	333	345	346	349	345	362	367	358
Pedro Gil	7,713	643	646	619	589	626	629	630	641	655	647	670	677	683
United Nation	9,283	774	831	799	751	715	720	764	774	784	801	788	804	753
Central	5,886	491	546	534	502	415	422	463	518	511	514	501	478	481
Carriedo	9,389	782	883	768	705	737	750	747	757	728	755	804	804	952
Doroteo Jose	9,196	766	793	753	713	703	714	739	759	754	773	810	819	868
Bambang	1,796	150	158	147	139	146	145	147	148	151	151	157	153	155
Tayuman	4,821	402	411	382	368	390	410	403	398	398	392	411	409	448
Blumentritt	3,677	306	302	285	278	293	302	299	298	308	305	329	328	352
Abad Santos	1,598	133	136	127	118	120	125	125	134	140	136	143	140	154
R. Papa	2,625	219	227	211	203	214	218	214	217	210	213	227	230	242
5th Avenue	4,691	391	394	374	360	374	386	395	389	408	400	407	395	407
Monumento	17,081	1,423	1,503	1,407	1,334	1,390	1,403	1,354	1,429	1,418	1,430	1,463	1,413	1,537
Balintawak	4,204	350	351	334	318	336	339	352	357	352	356	372	361	378
Roosevelt	8,338	695	728	685	644	668	669	685	696	693	683	716	706	766

Table 13.9c

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 1 BY STATION, AND BY MONTH, NCR: 2017**

(in thousands)

Station	Entry													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>157,034</b>	<b>654</b>	<b>13,472</b>	<b>12,442</b>	<b>13,928</b>	<b>10,593</b>	<b>13,293</b>	<b>12,342</b>	<b>13,095</b>	<b>13,454</b>	<b>13,373</b>	<b>13,878</b>	<b>12,931</b>	<b>14,234</b>
Baclaran	11,550	963	943	863	977	788	996	892	932	973	952	1,026	986	1,222
EDSA	17,948	1,496	1,529	1,431	1,615	1,228	1,530	1,434	1,535	1,557	1,524	1,573	1,449	1,543
Libertad	4,824	402	407	383	430	319	396	384	416	436	411	423	388	432
Gil Puyat	12,648	1,054	1,089	1,013	1,139	889	1,103	1,003	1,051	1,046	1,058	1,113	1,044	1,099
Vito Cruz	5,149	429	445	426	483	323	430	407	435	453	447	461	402	438
Quirino	4,673	389	404	385	424	320	397	370	391	396	400	414	376	395
Pedro Gil	8,342	695	696	668	754	584	740	664	704	715	717	738	665	698
United Nation	8,844	737	789	752	829	584	750	699	749	775	770	774	685	689
Central	5,380	448	506	469	518	318	414	411	459	513	483	458	420	412
Carriedo	9,281	773	855	716	812	631	751	710	755	764	792	819	780	896
Doroteo Jose	9,828	819	835	776	861	648	818	759	816	837	859	880	828	910
Bambang	2,310	192	195	183	204	156	196	178	188	212	194	202	194	207
Tayuman	6,125	510	521	484	537	412	519	477	502	518	528	547	507	573
Blumentritt	4,697	391	393	364	402	315	394	370	388	397	398	422	400	454
Abad Santos	2,525	210	207	193	216	169	211	203	215	224	214	224	210	240
R. Papa	2,184	182	192	170	190	152	188	177	177	181	178	188	184	206
5th Avenue	6,416	535	540	504	561	438	545	501	541	540	544	573	538	590
Monumento	16,670	1,389	1,452	1,300	1,463	1,151	1,434	1,316	1,384	1,394	1,391	1,458	1,372	1,555
Balintawak	7,268	606	603	552	614	486	616	572	602	644	622	649	617	692
Roosevelt	10,371	864	872	808	900	682	866	815	854	878	892	936	885	984

Source: Light Rail Manila Corporation

Table 13.9c - concluded

(in thousands)

Station	Exit													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>155,419</b>	<b>648</b>	<b>13,310</b>	<b>12,320</b>	<b>13,793</b>	<b>10,480</b>	<b>13,143</b>	<b>12,219</b>	<b>12,967</b>	<b>13,323</b>	<b>13,245</b>	<b>13,736</b>	<b>12,807</b>	<b>14,075</b>
Baclaran	10,082	840	844	755	861	702	872	773	805	830	818	879	866	1,078
EDSA	19,086	1,591	1,638	1,523	1,713	1,316	1,638	1,508	1,611	1,637	1,607	1,662	1,549	1,686
Libertad	5,238	436	445	412	464	344	428	416	452	462	451	464	430	468
Gil Puyat	15,551	1,296	1,322	1,228	1,387	1,094	1,345	1,238	1,299	1,299	1,298	1,360	1,283	1,397
Vito Cruz	5,457	455	467	446	505	343	457	426	456	492	477	497	433	458
Quirino	4,443	370	379	361	400	297	381	354	377	384	381	396	362	373
Pedro Gil	8,470	706	700	667	752	578	748	673	707	731	732	755	691	735
United Nation	9,753	813	872	831	916	637	822	764	813	858	842	852	759	787
Central	5,816	485	533	504	565	352	461	447	485	543	511	496	456	464
Carriedo	10,087	841	942	781	882	682	815	771	811	829	844	878	845	1,008
Doroteo Jose	10,174	848	832	794	881	666	836	797	855	869	889	922	868	964
Bambang	1,920	160	161	152	171	130	162	150	159	181	163	169	160	165
Tayuman	5,162	430	434	401	444	345	438	405	431	434	450	470	432	478
Blumentritt	4,078	340	343	317	351	272	344	323	341	349	351	370	345	373
Abad Santos	1,820	152	149	138	154	119	153	145	156	164	158	165	153	167
R. Papa	2,742	228	237	215	242	191	236	221	224	229	228	242	229	247
5th Avenue	5,002	417	414	393	440	336	425	397	430	432	437	453	410	436
Monumento	17,043	1,420	1,491	1,351	1,501	1,182	1,461	1,364	1,431	1,435	1,445	1,485	1,370	1,527
Balintawak	4,572	381	370	352	393	303	378	351	382	418	395	415	391	423
Roosevelt	8,923	744	739	698	772	590	744	696	743	747	768	808	776	841

Table 13.9d

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 1 BY STATION, AND BY MONTH, NCR: 2018**

(in thousands)

Station	Entry													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>165,346</b>	<b>689</b>	<b>14,284</b>	<b>12,937</b>	<b>12,748</b>	<b>12,791</b>	<b>13,661</b>	<b>12,780</b>	<b>13,853</b>	<b>14,634</b>	<b>14,139</b>	<b>15,280</b>	<b>14,204</b>	<b>14,033</b>
Baclaran	12,046	1,004	1,041	940	944	964	1,053	915	946	1,004	988	1,071	1,034	1,146
EDSA	17,630	1,469	1,560	1,394	1,370	1,384	1,461	1,371	1,488	1,566	1,499	1,597	1,490	1,450
Libertad	5,131	428	435	414	405	392	413	391	436	466	457	472	431	421
Gil Puyat	13,156	1,096	1,125	1,029	1,016	1,047	1,118	1,049	1,122	1,151	1,106	1,205	1,107	1,080
Vito Cruz	5,780	482	471	441	434	432	455	450	502	519	528	578	519	449
Quirino	5,015	418	419	379	377	380	407	393	441	451	441	484	440	406
Pedro Gil	8,655	721	728	669	663	684	735	679	748	770	756	803	736	685
United Nation	9,224	769	810	737	709	694	758	708	804	841	807	892	794	671
Central	5,935	495	507	465	450	428	437	442	491	576	563	589	529	459
Carriedo	9,708	809	898	757	752	744	793	758	803	831	809	868	837	859
Doroteo Jose	10,888	907	900	838	813	793	865	842	935	1,009	966	1,040	961	926
Bambang	2,455	205	210	191	186	185	195	187	204	224	217	232	218	205
Tayuman	6,546	546	556	505	498	503	535	501	541	589	565	610	565	578
Blumentritt	5,002	417	435	387	382	380	403	391	417	443	429	465	431	439
Abad Santos	2,733	228	230	208	207	210	222	213	230	248	232	252	235	246
R. Papa	2,290	191	198	180	178	180	191	181	192	196	191	205	198	201
5th Avenue	6,560	547	585	521	508	516	550	514	563	581	545	591	543	543
Monumento	17,204	1,434	1,505	1,337	1,321	1,358	1,457	1,318	1,407	1,496	1,425	1,554	1,467	1,558
Balintawak	7,939	662	689	627	623	625	661	605	647	686	664	718	685	709
Roosevelt	11,449	954	980	920	914	894	950	873	938	987	954	1,053	985	1,001

Source: Light Rail Manila Corporation

Table 13.9d - concluded

(in thousands)

Station	Exit													
	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>163,890</b>	<b>683</b>	<b>14,148</b>	<b>12,828</b>	<b>12,643</b>	<b>12,671</b>	<b>13,527</b>	<b>12,659</b>	<b>13,729</b>	<b>14,509</b>	<b>14,017</b>	<b>15,154</b>	<b>14,091</b>	<b>13,915</b>
Baclaran	10,292	858	897	796	799	823	913	783	804	850	831	892	883	1,020
EDSA	19,297	1,608	1,684	1,493	1,479	1,511	1,597	1,487	1,626	1,722	1,666	1,763	1,637	1,632
Libertad	5,610	467	484	456	449	435	454	430	474	496	486	517	473	456
Gil Puyat	16,704	1,392	1,419	1,308	1,316	1,343	1,431	1,325	1,408	1,469	1,397	1,507	1,402	1,380
Vito Cruz	5,844	487	480	448	438	437	478	449	506	521	524	577	526	461
Quirino	4,676	390	398	357	351	355	381	367	409	422	407	443	410	375
Pedro Gil	8,833	736	757	682	666	691	736	683	756	790	768	819	763	721
United Nation	10,081	840	884	804	769	753	804	745	882	927	879	995	872	768
Central	6,120	510	535	487	471	449	463	446	499	576	563	599	539	494
Carriedo	10,401	867	993	831	813	802	846	793	843	870	840	914	896	960
Doroteo Jose	11,209	934	929	883	862	835	899	868	956	1,015	969	1,049	982	962
Bambang	2,026	169	174	157	154	157	164	158	171	184	177	186	176	167
Tayuman	5,581	465	478	426	417	425	460	439	477	500	483	515	478	485
Blumentritt	4,372	364	379	338	333	336	358	352	375	388	377	400	375	361
Abad Santos	2,084	174	172	155	155	158	169	166	180	189	183	195	181	181
R. Papa	2,903	242	252	227	226	230	251	233	246	249	244	260	244	241
5th Avenue	5,569	464	465	424	421	424	452	443	479	513	497	541	471	439
Monumento	17,584	1,465	1,519	1,367	1,351	1,367	1,473	1,374	1,440	1,551	1,495	1,624	1,498	1,524
Balintawak	5,017	418	429	403	399	391	407	380	406	435	423	464	443	437
Roosevelt	9,686	807	822	783	772	749	790	738	792	842	809	895	842	851

Table 13.10a

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 2 BY STATION, AND BY MONTH, NCR: 2015**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Entry</b>														
Recto	14,312	1,193	1,245	1,190	1,108	1,102	1,117	1,139	1,156	1,171	1,211	1,280	1,264	1,330
Legarda	5,034	420	481	489	430	340	307	340	448	479	513	438	425	345
Pureza	4,303	359	382	372	334	269	260	337	392	400	407	396	387	367
V. Mapa	4,204	350	379	363	321	308	299	330	365	373	370	370	357	368
J. Ruiz	1,099	92	95	94	86	81	79	86	93	97	99	98	94	96
Gilmore	1,936	161	169	162	148	149	144	152	158	175	176	173	170	161
Betty-Go Belmonte	962	80	85	84	78	72	71	75	79	84	86	87	83	78
Araneta Center-Cubao	9,025	752	727	713	663	688	694	725	762	797	793	817	800	845
Anonas	3,591	299	306	306	285	263	257	285	309	301	328	324	313	313
Katipunan	7,912	659	665	670	618	608	590	615	657	710	737	708	680	654
Santolan	14,622	1,219	1,240	1,227	1,141	1,070	1,080	1,092	1,181	1,261	1,347	1,372	1,303	1,310
<b>Exit</b>														
Recto	15,557	1,296	1,374	1,313	1,211	1,229	1,250	1,230	1,237	1,188	1,320	1,389	1,367	1,450
Legarda	5,655	471	536	553	488	380	344	378	506	540	578	491	476	384
Pureza	4,065	339	372	369	334	246	233	320	378	375	390	360	366	324
V. Mapa	3,202	267	291	268	241	243	241	254	273	279	274	278	271	288
J. Ruiz	1,054	88	91	87	82	76	76	84	89	95	97	95	92	90
Gilmore	2,303	192	194	195	180	184	175	179	185	204	208	205	202	191
Betty-Go Belmonte	1,032	86	86	87	83	80	79	81	84	89	93	93	90	87
Araneta Center-Cubao	13,704	1,142	1,079	1,081	989	1,025	1,022	1,070	1,144	1,216	1,250	1,307	1,228	1,293
Anonas	3,528	294	297	295	272	244	238	267	289	318	343	340	321	306
Katipunan	4,721	393	403	420	381	369	354	364	374	412	438	423	403	381
Santolan	11,861	988	1,009	985	914	888	900	930	997	1,036	1,059	1,063	1,030	1,051

Source: Light Rail Transit Authority

Table 13.10b

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 2 BY STATION, AND BY MONTH, NCR: 2016**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Entry</b>														
Recto	13,730	1,144	1,253	1,131	1,088	867	1,109	1,113	1,188	1,170	1,182	1,217	1,159	1,253
Legarda	5,275	440	462	484	495	276	303	394	486	541	570	444	429	391
Pureza	4,010	334	326	327	334	219	252	344	393	401	407	336	340	330
V. Mapa	3,998	333	331	329	343	243	275	312	363	365	379	351	340	368
J. Ruiz	1,031	86	87	85	90	63	71	80	94	93	98	93	86	92
Gilmore	1,836	153	159	156	154	112	130	141	169	172	174	169	155	145
Betty-Go Belmonte	910	76	78	78	81	57	64	70	79	84	87	81	75	77
Araneta Center-Cubao	8,265	689	704	678	726	559	648	667	699	717	721	714	694	738
Anonas	3,182	265	268	268	283	197	226	255	279	292	299	271	261	282
Katipunan	7,040	587	600	601	639	450	483	564	514	661	684	630	605	609
Santolan	13,140	1,095	1,179	977	1,214	879	1,015	1,058	1,002	1,186	1,202	1,149	1,108	1,171
<b>Exit</b>														
Recto	14,827	1,236	1,217	1,048	1,387	998	1,186	1,214	1,155	1,309	1,300	1,324	1,279	1,411
Legarda	4,755	396	404	306	332	312	337	223	196	602	640	495	473	434
Pureza	3,584	299	259	339	342	202	230	297	230	363	388	313	326	295
V. Mapa	3,071	256	265	252	270	199	230	246	270	263	267	265	259	286
J. Ruiz	937	78	78	77	84	60	67	74	84	82	87	85	78	82
Gilmore	2,135	178	186	183	186	138	154	162	189	194	197	195	180	171
Betty-Go Belmonte	924	77	78	79	82	59	67	72	80	83	86	84	77	78
Araneta Center-Cubao	11,308	942	829	914	969	747	863	907	979	1,007	1,006	1,008	998	1,082
Anonas	3,031	253	252	255	265	185	215	243	269	280	284	264	253	265
Katipunan	4,844	404	428	407	442	313	355	382	413	444	455	421	397	388
Santolan	10,782	899	956	823	983	752	871	891	753	917	1,015	958	914	948

Source: Light Rail Transit Authority

Table 13.10c

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 2 BY STATION, AND BY MONTH, NCR: 2017**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Entry</b>														
Recto	14,292	1,191	1,272	1,164	1,288	983	1,185	1,096	1,141	1,153	1,206	1,263	1,203	1,338
Legarda	4,579	382	424	437	477	256	311	337	396	441	439	395	335	331
Pureza	4,506	375	411	390	433	260	318	334	413	413	423	409	328	374
V. Mapa	4,044	337	364	344	374	262	310	306	338	347	356	355	322	366
J. Ruiz	1,088	91	97	93	102	69	84	84	92	94	96	96	86	96
Gilmore	1,932	161	167	163	176	127	156	147	160	169	173	174	157	164
Betty-Go Belmonte	944	79	83	81	90	60	72	71	79	84	84	85	75	80
Araneta Center-Cubao	9,165	764	804	751	828	627	757	711	762	780	794	820	730	799
Anonas	3,486	290	317	293	325	219	268	269	296	303	310	315	271	299
Katipunan	7,432	619	669	637	713	495	594	574	619	659	660	642	562	608
Santolan	14,490	1,207	1,298	1,215	1,338	949	1,141	1,101	1,218	1,287	1,295	1,279	1,127	1,240
<b>Exit</b>														
Recto	15,446	1,287	1,386	1,262	1,401	1,069	1,299	1,195	1,230	1,249	1,297	1,340	1,276	1,442
Legarda	5,087	424	479	491	542	284	348	372	440	490	483	425	364	368
Pureza	4,254	354	393	378	418	236	284	311	407	401	403	391	298	334
V. Mapa	3,162	264	276	257	279	205	247	242	262	265	277	295	266	291
J. Ruiz	1,078	90	96	90	101	68	83	86	91	93	95	97	86	93
Gilmore	2,237	186	195	188	207	150	183	169	182	191	197	200	183	192
Betty-Go Belmonte	1,014	84	89	86	96	66	80	75	84	89	90	91	81	86
Araneta Center-Cubao	13,855	1,155	1,209	1,141	1,256	927	1,113	1,082	1,170	1,223	1,216	1,214	1,090	1,215
Anonas	3,506	292	315	298	328	216	267	270	301	319	321	311	271	288
Katipunan	4,396	366	395	387	419	292	346	328	360	388	394	383	343	361
Santolan	11,544	962	1,052	968	1,065	767	912	867	958	988	1,029	1,047	905	985

Source: Light Rail Transit Authority

Table 13.10d

**MONTHLY PASSENGER TRAFFIC ENTRY AND EXIT OF LIGHT RAIL TRANSIT LINE 2 BY STATION, AND BY MONTH, NCR: 2018**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Entry</b>														
Recto	14,797	1,230	1,291	1,238	1,191	1,145	1,186	1,118	1,197	1,270	1,239	1,366	1,286	1,270
Legarda	4,519	382	404	414	380	309	294	323	388	463	415	432	384	314
Pureza	4,796	403	429	412	385	330	332	368	433	461	432	465	386	364
V. Mapa	4,077	339	360	341	319	292	292	302	342	375	356	393	355	350
J. Ruiz	1,155	96	99	94	90	84	84	85	96	108	103	112	101	98
Gilmore	1,951	164	174	166	155	154	151	144	158	175	172	184	168	151
Betty-Go Belmonte	971	81	86	83	80	72	72	70	78	88	85	94	84	78
Araneta Center-Cubao	8,471	705	765	680	666	662	678	665	711	746	711	763	709	716
Anonas	3,449	288	314	292	283	260	261	262	288	312	296	314	287	281
Katipunan	6,988	585	633	587	565	545	550	524	570	624	602	647	584	556
Santolan	13,512	1,128	1,236	1,140	1,102	1,043	1,066	1,012	1,090	1,200	1,155	1,240	1,121	1,108
<b>Exit</b>														
Recto	15,775	1,315	1,375	1,280	1,241	1,213	1,276	1,194	1,275	1,359	1,333	1,478	1,377	1,374
Legarda	5,090	424	450	446	417	340	327	357	441	532	481	503	437	356
Pureza	4,464	372	418	392	375	306	304	340	414	431	400	423	347	314
V. Mapa	3,298	275	290	291	264	243	245	250	272	293	278	303	283	286
J. Ruiz	1,159	97	100	97	93	85	85	85	96	106	104	113	102	95
Gilmore	2,249	187	198	192	181	181	177	165	183	199	197	210	192	176
Betty-Go Belmonte	1,037	86	91	88	85	80	79	76	84	93	89	99	89	83
Araneta Center-Cubao	12,934	1,078	1,160	1,063	1,020	998	1,019	998	1,072	1,161	1,097	1,173	1,081	1,092
Anonas	3,411	284	307	291	279	255	252	259	286	315	300	312	284	271
Katipunan	4,247	354	374	358	341	330	330	313	345	383	370	400	366	338
Santolan	10,647	887	995	917	888	835	840	804	855	918	886	963	879	867

Source: Light Rail Transit Authority

Table 13.11

**MONTHLY PASSENGER TRAFFIC OF METRO RAIL TRANSIT LINE 3 BY STATION, AND BY MONTH, NCR: 2015 - 2018**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>2015</b>														
North Avenue	20,514	1,709	1,816	1,672	1,827	1,563	1,667	1,557	1,694	1,759	1,642	1,761	1,717	1,838
Quezon Avenue	8,284	690	748	696	761	639	667	641	687	675	694	710	657	708
GMA Kamuning	4,889	407	443	412	446	376	398	381	403	406	400	402	390	430
Araneta Center-Cubao	11,494	958	1,029	929	1,033	895	948	879	955	979	984	941	942	979
Santolan	2,137	178	192	194	201	167	172	168	176	173	175	176	164	179
Ortigas	4,338	361	398	392	411	354	357	332	345	352	340	353	347	356
Shaw Boulevard	10,227	852	978	908	984	816	855	796	814	858	810	827	807	772
Boni	5,433	453	456	446	486	419	442	423	503	503	449	442	434	430
Guadalupe	8,152	679	759	698	784	622	664	595	677	684	672	662	660	676
Buendia	3,365	280	287	300	330	276	266	274	291	277	270	285	258	251
Ayala	10,316	860	885	882	979	831	852	822	884	870	818	844	843	806
Magallanes	7,882	657	690	662	725	609	645	635	663	664	643	667	648	630
Taft Avenue	21,131	1,761	1,966	1,724	1,885	1,708	1,865	1,514	1,797	1,734	1,711	1,715	1,712	1,798
<b>2016</b>														
North Avenue	24,178	2,015	1,852	1,839	1,763	1,883	1,915	1,961	2,109	2,183	2,113	2,173	2,146	2,240
Quezon Avenue	10,293	858	711	748	738	782	791	832	883	972	938	948	954	995
GMA Kamuning	5,429	452	421	437	388	429	422	445	477	483	465	475	487	500
Araneta Center-Cubao	13,210	1,101	967	979	918	1,023	1,029	1,030	1,139	1,210	1,172	1,220	1,219	1,302
Santolan	2,329	194	173	177	170	179	177	192	200	210	205	211	215	220
Ortigas	4,832	403	351	354	348	381	378	393	410	457	440	440	442	438
Shaw Boulevard	11,167	931	814	837	806	857	874	910	976	1,016	994	1,016	1,018	1,049
Boni	6,253	521	427	441	432	469	486	502	544	582	571	588	601	609
Guadalupe	9,402	783	657	675	651	712	734	749	808	851	844	881	897	942
Buendia	3,828	319	257	278	285	302	312	328	334	363	345	342	350	330
Ayala	11,010	917	786	814	791	848	883	884	953	1,033	983	1,001	1,022	1,011
Magallanes	9,000	750	632	663	655	703	710	737	772	818	806	832	841	832
Taft Avenue	23,022	1,918	1,762	1,753	1,682	1,817	1,810	1,851	1,934	2,007	2,023	2,095	2,088	2,197

Source: Department of Transportation-Metro Rail Transit 3

Table 13.11 - concluded

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>2017</b>														
North Avenue	23,778	1,982	2,171	1,975	2,171	1,719	2,063	1,880	2,020	2,083	1,989	2,074	1,789	1,845
Quezon Avenue	10,837	903	975	900	1,004	770	926	848	922	959	916	951	817	848
GMA Kamuning	5,247	437	471	437	482	364	441	425	463	474	447	455	389	400
Araneta Center-Cubao	13,453	1,121	1,225	1,142	1,258	998	1,148	1,079	1,154	1,155	1,126	1,161	987	1,020
Santolan	2,488	207	220	211	229	176	217	203	215	220	210	214	184	188
Ortigas	5,073	423	447	432	469	365	439	406	427	444	437	449	385	374
Shaw Boulevard	11,863	989	1,033	992	1,104	861	1,021	939	1,005	1,029	1,008	1,043	909	918
Boni	6,985	582	601	579	642	502	605	562	605	624	604	616	525	519
Guadalupe	10,385	865	917	866	960	748	877	826	899	918	890	905	782	797
Buendia	3,993	333	351	350	394	297	344	320	352	361	346	348	274	256
Ayala	11,442	953	1,011	989	1,082	831	983	911	991	1,010	990	1,017	827	799
Magallanes	9,810	818	849	821	895	692	835	787	844	879	847	878	744	741
Taft Avenue	24,799	2,067	2,173	2,050	2,266	1,764	2,153	1,965	2,116	2,155	2,107	2,168	1,901	1,980
<b>2018</b>														
North Avenue	29,943	2,495	2,750	1,995	2,023	2,382	2,506	2,415	2,680	2,686	2,571	2,735	2,574	2,625
Quezon Avenue	14,298	1,191	1,439	963	989	1,169	1,206	1,151	1,282	1,291	1,215	1,270	1,173	1,149
GMA Kamuning	6,377	531	601	421	426	508	525	513	588	593	567	571	536	527
Araneta Center-Cubao	23,885	1,990	2,159	1,457	1,548	1,928	2,036	2,003	2,177	2,179	2,050	2,151	2,056	2,141
Santolan	4,293	358	407	285	287	336	345	343	384	395	389	396	369	357
Ortigas	10,547	879	1,009	684	690	836	878	845	953	974	906	972	907	893
Shaw Boulevard	20,277	1,690	1,915	1,338	1,342	1,595	1,685	1,631	1,816	1,850	1,743	1,857	1,742	1,762
Boni	11,513	959	1,055	719	740	899	962	963	1,072	1,068	1,010	1,069	988	970
Guadalupe	15,090	1,258	1,446	992	1,007	1,176	1,257	1,227	1,356	1,368	1,297	1,362	1,289	1,313
Buendia	6,089	507	566	375	395	492	518	503	569	569	540	574	511	476
Ayala	17,807	1,484	1,633	1,094	1,141	1,413	1,512	1,493	1,654	1,621	1,529	1,646	1,545	1,527
Magallanes	12,280	1,023	1,164	823	825	963	1,024	1,009	1,120	1,109	1,049	1,137	1,052	1,005
Taft Avenue	35,894	2,991	3,360	2,513	2,500	2,891	3,067	2,924	3,195	3,186	2,977	3,192	3,001	3,089

Table 13.12a

**MONTHLY PASSENGER TRAFFIC OF PHILIPPINE NATIONAL RAILWAYS BY STATION, AND BY MONTH, NCR: 2017**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>15,920</b>	<b>1,327</b>	<b>1,413</b>	<b>1,392</b>	<b>1,538</b>	<b>1,143</b>	<b>1,351</b>	<b>1,261</b>	<b>1,517</b>	<b>1,497</b>	<b>1,311</b>	<b>1,338</b>	<b>1,114</b>	<b>1,045</b>
Tutuban	1,431	119	108	115	135	110	129	110	125	127	115	114	112	131
Blumentritt	1,015	85	103	96	105	79	88	81	100	93	78	77	63	52
Laong-Laan	416	35	39	34	38	29	34	30	36	38	33	37	33	35
España	1,144	95	103	104	114	86	101	98	112	117	91	87	72	59
Sta. Mesa	1,232	103	119	118	127	79	87	91	137	127	108	101	72	67
Pandacan	383	32	32	31	34	26	33	29	35	34	31	33	31	33
Paco	509	42	44	43	47	36	43	39	49	49	44	44	37	35
San Andres	369	31	32	33	35	26	30	28	33	33	31	33	28	28
Vito Cruz	352	29	29	29	33	24	29	26	32	33	31	32	27	26
Buendia	1,278	107	117	115	130	96	115	105	114	121	104	107	88	68
Pasay Road	694	58	63	62	68	48	59	57	60	65	62	62	49	38
EDSA	547	46	45	52	51	38	44	42	46	51	49	49	43	36
Nichols	571	48	46	49	56	39	44	44	50	54	52	51	45	41
Food Terminal II	1,388	116	112	116	134	96	118	115	131	138	123	124	95	87
Bicutan	1,403	117	123	122	136	102	118	111	136	131	118	121	95	89
Sucacat	753	63	66	63	73	52	64	61	75	73	62	63	52	48
Alabang	1,882	157	180	171	185	141	169	152	191	168	144	146	121	113
Muntinlupa	34	3	2	3	3	2	3	3	3	3	4	4	3	3
San Pedro	53	4	3	3	4	3	3	3	4	6	5	6	5	6
Biñan	13	1	2	2	3	2	3	2	0	0	0	0	0	0
Sta. Rosa	57	5	4	4	4	4	6	5	6	5	4	5	5	6
Cabuyao	7	1	0	0	0	0	0	0	4	2	0	1	0	0
Mamatid	71	6	4	4	5	5	7	6	7	6	5	7	7	8
Calamba	3	0	0	0	0	0	0	0	0	0	0	1	1	1
Train Conductor	313	26	35	23	16	20	25	25	31	23	17	32	32	34

Source: Philippine National Railways

Table 13.12b

**MONTHLY PASSENGER TRAFFIC OF PHILIPPINE NATIONAL RAILWAYS BY STATION, AND BY MONTH, NCR: 2018**

(in thousands)

Station	Total	Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>TOTAL</b>	<b>13,212</b>	<b>1,101</b>	<b>876</b>	<b>871</b>	<b>878</b>	<b>938</b>	<b>1,118</b>	<b>1,067</b>	<b>1,155</b>	<b>1,248</b>	<b>1,194</b>	<b>1,336</b>	<b>1,250</b>	<b>1,281</b>
Tutuban	982	82	67	51	58	55	85	68	69	79	79	96	127	148
Blumentritt	769	64	47	48	49	56	66	64	68	73	73	80	73	72
Laong-Laan	384	32	32	29	28	29	33	30	31	35	32	38	35	34
España	905	75	53	56	57	63	77	74	78	87	88	95	88	88
Sta. Mesa	1,070	89	63	69	68	67	79	87	103	116	112	120	97	90
Pandacan	398	33	34	29	29	27	30	31	35	38	35	39	35	36
Paco	452	38	33	33	33	35	39	38	39	43	40	44	38	39
San Andres	352	29	26	25		26	29	28	31	33	31	35	31	32
Vito Cruz	338	28	25	24	25	26	28	27	30	30	29	34	30	29
Buendia	1,101	92	68	71	69	77	94	94	102	105	111	114	102	94
Pasay Road	624	52	41	43	43	44	51	55	56	60	56	67	58	52
EDSA	538	45	35	38	36	39	46	45	51	51	48	55	48	44
Nichols	542	45	41	40	40	40	45	42	50	50	46	53	50	45
Food Terminal II	1,165	97	73	75	78	83	101	90	106	115	106	116	106	115
Bicutan	1,190	99	76	79	80	89	103	102	102	114	103	117	107	119
Sucacat	615	51	43	43	42	44	52	49	55	58	53	62	57	59
Alabang	1,450	121	95	96	95	112	129	119	123	133	123	139	134	152
Muntinlupa	38	3	3	3	3	3	3	3	3	3	3	3	3	3
San Pedro	80	7	6	6	6	6	6	6	6	7	7	9	8	7
Biñan	21	2	0	0	1	2	3	2	2	2	2	2	3	3
Sta. Rosa	68	6	5	5	5	5	5	5	6	6	6	7	7	7
Cabuyao	29	2	0	0	2	3	3	3	3	2	3	4	3	3
Mamatid	90	8	7	7	7	8	8	7	7	8	8	8	8	9
Calamba	12	1	1	1	1	1	1	1	1	1	1	1	1	2

Source: Philippine National Railways

Table 13.13

**NAIA MONTHLY AIR PASSENGER MOVEMENT BY AIRLINE OPERATOR, AND BY MONTH, NCR: 2017**

(in thousands)

<b>Airline Operator</b>	<b>Total</b>	<b>Monthly Average</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>NAIA</b>														
International	<b>20,958</b>	1,746	1,874	1,594	1,733	1,930	1,887	1,705	1,746	1,699	1,476	1,641	1,724	1,949
Domestic	<b>21,065</b>	1,755	1,872	1,621	1,752	1,911	1,975	1,685	1,719	1,709	1,572	1,736	1,673	1,839
Gen. Aviation	<b>172</b>	14	16	15	15	14	17	14	11	13	13	14	13	17

Source: Civil Aviation Authority of the Philippines

Note: \*passenger traffic entries

Table 13.14

**POSTED AND DELIVERED MAIL VOLUME BY TYPE OF SERVICE, AND BY YEAR, NCR:  
2016 - 2017**

Service	Posted		Delivered	
	2017	2016	2017	2016
<b>Domestic Mail</b>				
Express	64,181	103,292	31,406	32,220
<b>Letter Post</b>	15,433,554	24,838,500	50,347,962	51,653,268
Recorded	3,798,822	6,113,760	5,300,863	5,438,292
Non-recorded	11,634,732	18,724,740	45,047,099	46,214,976
Parcel Post	16,276	26,194	6,214	6,375
Franked Mail	1,493,141	2,403,036	1,103,752	1,132,368
<b>International Mail</b>				
Express	61,022	98,208	130,376	133,756
Letter Post	816,164	1,313,520	3,653,902	3,748,632
Recorded	125,057	201,264	116,932	119,964
Non-recorded	691,107	1,112,256	3,536,970	3,628,668
Parcel Post	9,497	15,285	16,273	16,695

Source: Philippine Postal Corporation

Note: Data include the province of Rizal, Bulacan, Cavite, Batanes, and Palawan.

'-' means 0

Table 13.15

**NUMBER OF POST OFFICE BY YEAR, NCR: 2015-2017**

Office	2015	2016	2017
<b>Delivery Post Office</b>			
Regular	80	17	17
Extension	-	-	-
<b>Non-delivery Post Office</b>			
Regular	43	37	37
Extension	42	16	16
Mail	10	-	-

Source: Philippine Postal Corporation

Note: '-' means 0

Table 13.16

**NUMBER OF PHILPOST PERSONNEL, NCR: 2015-2017**

Employment Status	2015	2016	2017
Regular	1,818	1,243	1,243
Contractual	-	-	-
Contract of Service	547	455	455
LGU Provided	-	-	-
Others	-	-	-

Source: Philippine Postal Corporation

Note: '-' means 0



## Chapter 14

# Energy and Water

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Data on energy and water resources are vital inputs to national and local programs of government. The business/industry sector also uses the data in the preparation of feasibility studies and in investment planning. The importance of these resources in countryside development is recognized in many ways, such as institutions operating locally. These resources are also vital in the day-to-day lives of individuals residing in the community. Considering the multifarious uses of these resources, the data on the level, extent, sources and utilization of energy and water provide signals on the potentials of the area to achieve growth and development. The data also serve as indicators of the standard of living of families comprising the community.

This chapter presents regional data on power and water. Data on power includes electric generation by plant type. The data on water contains sales of water. The sources of this chapter are the Department of Energy, Manila Electric Company and Metropolitan Waterworks and Sewerage System.

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Table 14.1

**GROSS POWER GENERATION BY PLANT TYPE, AND BY YEAR, NCR: 2015 - 2018**

(in MWh)

<b>Plant Type</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>NCR</b>	<b>340,339</b>	<b>367,819</b>	<b>318,526</b>	<b>154,085</b>
Oil-Based	333,223	352,008	297,126	134,226
Solar	1,689	10,228	11,945	12,222
Biomass	5,427	5,583	9,455	7,636

*Source: Department of Energy**Note: Details may not add up to total due to rounding.*

Table 14.2

**ELECTRICITY CONSUMPTION BY YEAR, NCR: 2013 - 2017**

(in MWh)

<b>Year</b>	<b>Consumption</b>
<b>2013</b>	22,183,006
<b>2014</b>	22,718,070
<b>2015</b>	23,967,048
<b>2016</b>	25,878,439
<b>2017</b>	26,963,786

*Source: Department of Energy**Note: Includes Own-Use and Systems Loss*

Table 14.3

**SALES AND VOLUME OF WATER CONSUMPTION BY WATER SERVICE COMPANY,  
AND BY YEAR, NCR: 2016 - 2018**

Water Service Company	Water Consumption	
	Volume (in cu. m.)	Sales (in Php)
<b>2018</b>		
<b>NCR</b>	<b>867,968,422</b>	<b>33,745,997,518</b>
Maynilad <sup>1/</sup>	492,180,534	20,653,053,140
Manila Water	375,787,888	13,092,944,378
<b>2017</b>		
<b>NCR</b>	<b>845,071,844</b>	<b>31,526,100,718</b>
Maynilad <sup>1/</sup>	478,362,149	19,314,968,226
Manila Water	366,709,695	12,211,132,492
<b>2016</b>		
<b>NCR</b>	<b>831,313,905</b>	<b>30,840,026,383</b>
Maynilad <sup>1/</sup>	467,937,496	18,704,137,188
Manila Water	363,376,409	12,135,889,195

Source: Metropolitan Waterworks and Sewerage System

Notes: 1/ The sales of water were originally reported by Maynilad in Million Cubic Meters (MCM) and Million Pesos (MPhp) with 2 decimal places so the figures shown are rounded to the nearest ten thousands;

<sup>a/</sup> includes area outside NCR

Table 14.4

**VOLUME OF WATER CONSUMPTION BY TYPE OF CUSTOMER, AND BY WATER  
SERVICE COMPANY, NCR: 2017**

(in cu.m.)

Type of Customer	Total	Water Service Company	
		Maynilad	Manila Water
<b>TOTAL</b>	<b>878,370,136</b>	<b>511,658,140</b>	<b>366,711,996</b>
Residential	599,148,010	374,532,584	224,615,426
Semi-Business	81,954,537	39,387,398	42,567,139
Commercial	152,465,020	73,837,975	78,627,045
Industrial	44,802,569	22,900,183	20,902,386

Source: Metropolitan Waterworks and Sewerage System

Notes: <sup>a/</sup> includes area outside NCR



## Chapter 15

# Public Administration

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Data on the levels, patterns and distribution of the income and expenditure of Local Government Units (LGUs) and ranking of their competitiveness are essential in measuring their capabilities to provide public service to their constituents. Specifically, the level of income serves as a criterion in classification of LGUs. The classification, on the other hand, provides a yardstick in allocating resources and other forms of assistance. The data provide a sound and logical basis in the choice of alternative options aimed at balancing the sources and disposition of resources. The data are also useful in identifying priority program areas and localities in the community. Furthermore, their capabilities are measured and awarded to stir their performance based on the 4 pillars; Economic Dynamism, Government Efficiency, Infrastructure and Resiliency.

This chapter presents data on statement of income and expenditure of local governments. The Bureau of Local Government Finance of the Department of Finance provided the said data. The Bureau of Internal Revenue, on the other hand, provided data on internal revenue collections of LGUs. Data on the number of precincts and registered voters from the Commission on Elections are also presented. The Metropolitan Manila Development Authority provides data on road accidents, flood and garbage. In addition, the National Competitiveness Council is the one who assess and provide the data of Cities/Municipalities Competitiveness Index also known as CMCI.

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Table 15.1

**REVENUE COLLECTION BY BIR REVENUE DISTRICT OFFICE, AND BY YEAR, NCR: 2012 - 2017**

(in million Pesos)

<b>Revenue District Office</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>NCR</b>	<b>231,485.9</b>	<b>265,300.0</b>	<b>290,514.4</b>	<b>316,005.0</b>	<b>340,116.9</b>	<b>367,707.9</b>
City of Manila	27,670.1	32,848.9	34,713.3	36,510.5	41,596.6	43,491.6
City of Mandaluyong	10,629.5	14,030.0	14,998.0	16,988.0	16,604.5	17,341.6
City of Marikina	3,508.9	3,868.2	4,470.7	4,890.6	5,515.1	6,750.0
City of Pasig	19,608.8	23,221.4	29,015.4	30,503.4	33,266.3	33,975.7
Quezon City	46,317.6	49,872.2	53,466.9	59,944.2	65,630.9	74,666.1
City of San Juan	3,812.3	4,278.1	4,518.6	4,841.7	5,260.6	5,754.5
Caloocan City	3,354.5	3,812.8	4,576.3	5,136.2	5,612.0	6,103.2
Malabon-Navotas	1,967.8	2,254.5	3,025.6	2,865.9	3,241.0	3,515.5
City of Valenzuela	2,675.8	3,036.7	3,315.6	3,720.2	4,147.6	4,851.0
City of Las Piñas	2,564.0	2,826.4	3,418.6	3,944.8	4,995.8	4,604.5
City of Muntinlupa	5,969.8	7,137.3	8,090.8	8,642.3	9,784.9	11,447.8
City of Makati	66,196.9	79,611.5	83,498.5	87,771.0	89,075.3	93,229.8
City of Parañaque	7,206.8	8,655.4	10,039.8	12,421.2	11,171.4	12,874.5
Pasay City	7,805.2	10,305.5	10,509.1	11,571.7	13,337.4	13,171.1
Taguig-Pateros	22,197.8	19,541.2	22,857.1	26,253.1	30,877.5	35,931.1

Source: Bureau of Internal Revenue

Notes: Collection by RR/RDO is based on RAD-BTr reconciled figures

Table 15.2

**REVENUE COLLECTION BY YEAR, BY BIR REVENUE DISTRICT OFFICE, AND BY TYPE OF TAX, NCR: 2012 - 2017**

(in million Pesos)

Year/ Revenue District Office	Total	Type of Tax				
		Value Added Tax	Income Tax	Percentage Tax	Excise Tax	Other Taxes
<b>2012</b>						
<b>NCR</b>	<b>231,485.9</b>	<b>55,314.1</b>	<b>153,269.9</b>	<b>10,295.9</b>	<b>70.3</b>	<b>12,535.7</b>
City of Manila	27,670.1	7,091.0	17,347.6	1,473.5	1.6	1,756.4
City of Mandaluyong	10,629.5	2,922.2	6,770.4	298.6	-	638.3
City of Marikina	3,508.9	883.6	2,022.2	249.6	3.1	350.4
City of Pasig	19,608.8	4,789.3	12,663.2	1,106.9	0.6	1,048.7
Quezon City	46,317.6	9,740.5	32,296.2	1,616.9	6.0	2,658.0
City of San Juan	3,812.3	1,042.6	2,121.4	242.4	-	406.0
Caloocan City	3,354.5	1,051.1	1,935.0	171.5	-	196.9
Malabon-Navotas	1,967.8	670.6	1,071.1	103.5	-	122.6
City of Valenzuela	2,675.8	949.2	1,430.2	152.8	-	143.5
City of Las Piñas	2,564.0	587.8	1,676.1	62.6	-	237.6
City of Muntinlupa	5,969.8	1,397.2	4,239.1	37.7	7.5	288.3
City of Makati	66,196.9	15,220.7	43,696.4	4,044.3	5.7	3,229.8
City of Parañaque	7,206.8	1,888.4	4,664.0	116.4	2.2	535.7
Pasay City	7,805.2	1,878.4	5,110.7	513.7	43.6	258.9
Taguig-Pateros	22,197.8	5,201.4	16,226.3	105.5	-	664.6
<b>2013</b>						
<b>NCR</b>	<b>265,300.0</b>	<b>62,731.7</b>	<b>174,028.6</b>	<b>13,344.3</b>	<b>45.3</b>	<b>15,150.1</b>
City of Manila	32,848.9	8,091.8	21,054.8	1,779.4	0.3	1,922.7
City of Mandaluyong	14,030.0	3,653.6	8,884.4	552.5	-	939.4
City of Marikina	3,868.2	1,025.7	2,209.8	277.8	2.8	352.1
City of Pasig	23,221.4	5,768.5	14,791.5	1,531.8	0.6	1,129.1
Quezon City	49,872.2	11,087.8	33,955.4	2,071.1	-	2,758.0
City of San Juan	4,278.1	1,164.9	2,269.4	262.5	-	581.3
Caloocan City	3,812.8	1,269.3	2,117.4	197.2	-	229.0
Malabon-Navotas	2,254.5	783.7	1,255.4	111.1	-	104.3
City of Valenzuela	3,036.7	1,052.4	1,647.8	181.7	-	154.8
City of Las Piñas	2,826.4	867.8	1,695.7	60.2	-	202.7
City of Muntinlupa	7,137.3	1,731.4	4,930.8	43.7	13.7	417.7
City of Makati	79,611.5	18,045.9	52,129.8	5,727.9	5.5	3,702.3
City of Parañaque	8,655.4	2,309.9	5,613.7	72.4	0.8	658.6
Pasay City	10,305.5	2,283.3	7,050.0	379.0	21.7	571.5
Taguig-Pateros	19,541.2	3,595.7	14,422.8	95.9	-	1,426.8

Source: Bureau of Internal Revenue.

Notes: Note: Collection by RR/RDO is based on RAD-BTr reconciled figures

'-' means 0

Table 15.2 - continued

(in million Pesos)

Year/ Revenue District Office	Total	Type of Tax				
		Value Added Tax	Income Tax	Percentage Tax	Excise Tax	Other Taxes
<b>2014</b>						
<b>NCR</b>	<b>290,514.4</b>	<b>69,962.5</b>	<b>191,322.1</b>	<b>13,202.7</b>	<b>30.6</b>	<b>15,996.5</b>
City of Manila	34,713.3	9,292.1	21,170.6	1,656.2	-	2,594.4
City of Mandaluyong	14,998.0	3,942.9	9,829.4	429.5	-	796.3
City of Marikina	4,470.7	1,142.3	2,701.8	283.7	3.7	339.2
City of Pasig	29,015.4	7,133.9	18,730.4	1,642.2	0.8	1,508.1
Quezon City	53,466.9	12,621.3	35,478.9	2,616.5	-	2,750.2
City of San Juan	4,518.6	1,352.7	2,561.6	201.0	-	403.3
Caloocan City	4,576.3	1,524.0	2,599.2	205.9	-	247.2
Malabon-Navotas	3,025.6	1,020.0	1,780.2	108.6	-	116.9
City of Valenzuela	3,315.6	1,165.1	1,787.5	196.4	-	166.6
City of Las Piñas	3,418.6	909.1	2,217.3	71.6	-	220.5
City of Muntinlupa	8,090.8	2,028.9	5,564.0	55.7	24.4	417.7
City of Makati	83,498.5	18,898.6	55,730.8	5,078.1	1.6	3,789.4
City of Parañaque	10,039.8	2,796.4	6,384.8	86.0	-	772.7
Pasay City	10,509.1	2,310.7	7,136.3	474.9	-	587.2
Taguig-Pateros	22,857.1	3,824.6	17,649.4	96.4	-	1,286.7
<b>2015</b>						
<b>NCR</b>	<b>316,005.0</b>	<b>78,015.6</b>	<b>207,541.3</b>	<b>13,567.4</b>	<b>12.2</b>	<b>16,868.5</b>
City of Manila	36,510.5	10,119.7	22,771.9	1,760.6	0.1	1,858.2
City of Mandaluyong	16,988.0	4,694.5	10,711.6	535.0	-	1,046.9
City of Marikina	4,890.6	1,430.9	2,783.0	309.1	8.3	359.3
City of Pasig	30,503.4	7,393.1	20,402.4	1,434.7	1.7	1,271.6
Quezon City	59,944.2	14,410.1	39,208.8	3,125.1	0.2	3,200.0
City of San Juan	4,841.7	1,438.4	2,778.6	204.5	-	420.1
Caloocan City	5,136.2	1,736.9	2,947.6	221.4	-	230.4
Malabon-Navotas	2,865.9	1,113.5	1,519.2	128.9	-	104.3
City of Valenzuela	3,720.2	1,423.4	1,905.1	217.8	-	173.8
City of Las Piñas	3,944.8	1,165.4	2,442.1	86.6	-	250.7
City of Muntinlupa	8,642.3	2,088.9	5,950.9	61.6	-	540.8
City of Makati	87,771.0	20,649.3	57,902.2	4,820.1	1.6	4,397.8
City of Parañaque	12,421.2	3,346.8	8,041.9	96.0	-	936.6
Pasay City	11,571.7	2,277.7	8,174.1	458.0	0.3	661.6
Taguig-Pateros	26,253.1	4,726.9	20,001.8	108.0	-	1,416.5

Table 15.2 - concluded

(in million Pesos)

Year/ Revenue District Office	Total	Type of Tax				
		Value Added Tax	Income Tax	Percentage Tax	Excise Tax	Other Taxes
<b>2016</b>						
<b>NCR</b>	<b>340,116.9</b>	<b>83,826.7</b>	<b>222,563.0</b>	<b>15,991.5</b>	<b>14.3</b>	<b>17,721.5</b>
City of Manila	41,596.6	11,819.4	25,474.0	2,241.8	-	2,061.4
City of Mandaluyong	16,604.5	4,249.2	10,581.7	563.1	-	1,210.5
City of Marikina	5,515.1	1,611.1	3,205.2	362.0	7.8	328.9
City of Pasig	33,266.3	8,443.8	21,642.2	1,856.9	1.3	1,322.1
Quezon City	65,630.9	14,800.6	42,710.6	4,398.7	0.6	3,720.4
City of San Juan	5,260.6	1,684.2	2,938.2	202.5	-	435.7
Caloocan City	5,612.0	1,867.9	3,163.0	333.1	-	248.0
Malabon-Navotas	3,241.0	1,254.3	1,714.4	153.4	-	119.0
City of Valenzuela	4,147.6	1,426.3	2,239.6	260.3	-	221.5
City of Las Piñas	4,995.8	1,473.8	3,130.4	116.8	-	274.8
City of Muntinlupa	9,784.9	2,350.8	6,840.0	65.8	-	528.2
City of Makati	89,075.3	21,093.3	59,122.0	4,825.4	2.0	4,032.6
City of Parañaque	11,171.4	3,359.7	6,935.9	104.1	-	771.7
Pasay City	13,337.4	2,879.0	9,460.5	394.6	0.7	602.5
Taguig-Pateros	30,877.5	5,513.4	23,405.5	112.7	1.8	1,844.2
<b>2017</b>						
<b>NCR</b>	<b>367,707.9</b>	<b>90,499.3</b>	<b>244,480.8</b>	<b>13,697.6</b>	<b>19.9</b>	<b>19,010.3</b>
City of Manila	43,491.6	12,455.1	26,920.9	1,699.7	0.6	2,415.3
City of Mandaluyong	17,341.6	4,623.6	11,246.2	537.3	-	934.4
City of Marikina	6,750.0	1,836.7	4,006.6	374.1	9.3	523.3
City of Pasig	33,975.7	8,365.3	22,594.0	1,945.1	3.5	1,067.8
Quezon City	74,666.1	16,812.1	49,317.0	4,748.0	-	3,789.0
City of San Juan	5,754.5	1,880.3	3,413.3	118.1	0.0	342.9
Caloocan City	6,103.2	2,053.0	3,434.0	256.2	-	360.0
Malabon-Navotas	3,515.5	1,291.2	1,932.1	152.6	-	139.6
City of Valenzuela	4,851.0	1,739.8	2,578.7	280.0	-	252.5
City of Las Piñas	4,604.5	1,320.5	2,915.7	108.1	-	260.2
City of Muntinlupa	11,447.8	2,596.8	8,143.5	68.4	-	639.1
City of Makati	93,229.8	22,554.7	63,315.2	2,656.7	2.4	4,700.7
City of Parañaque	12,874.5	3,434.7	7,823.0	113.5	-	1,503.3
Pasay City	13,171.1	3,346.8	9,070.0	302.0	1.1	451.2
Taguig-Pateros	35,931.1	6,188.8	27,770.6	337.7	3.0	1,631.0

Table 15.3

**STATEMENT OF INCOME OF LOCAL GOVERNMENT BY CITY/MUNICIPALITY, AND BY TYPE OF TAX, NCR: 2016**

(in million Pesos)

City/Municipality	Type of Tax				
	Real Property Tax	Business Tax	Internal Revenue Allotment	Local/ Other Tax	Non-Tax Revenue
<b>NCR</b>	<b>21,503.6</b>	<b>38,664.1</b>	<b>18,973.6</b>	<b>3,613.1</b>	<b>10,988.5</b>
City of Manila	4,056.0	3,535.7	2,416.2	418.1	1,372.1
City of Mandaluyong	1,055.4	3,566.8	640.8	229.4	366.3
City of Marikina	360.4	597.2	747.3	51.2	569.7
City of Pasig	1,798.9	4,259.9	1,094.1	246.3	1,479.4
Quezon City	3,425.2	8,638.3	3,937.1	769.7	1,701.5
City of San Juan	263.3	718.2	338.5	52.4	173.4
Caloocan City	691.1	1,294.9	2,160.1	92.3	470.1
City of Malabon	196.8	188.4	654.6	20.7	174.5
City of Navotas	181.9	216.7	509.2	8.9	123.2
City of Valenzuela	1,411.3	837.5	966.8	78.1	300.6
City of Las Piñas	400.6	677.9	925.7	84.8	229.3
City of Muntinlupa	941.2	1,492.2	804.9	113.5	755.1
City of Makati	3,864.7	6,908.1	944.0	565.4	1,006.0
City of Parañaque	667.6	1,774.2	978.2	193.7	524.0
Pasay City	1,486.6	1,453.9	692.3	145.5	335.6
Pateros	21.0	32.8	115.0	2.3	29.5
Taguig City	681.4	2,471.4	1,048.7	540.9	1,378.2

Source: Bureau of Local Government Finance

Table 15.4

**STATEMENT OF CURRENT OPERATING EXPENDITURES OF LOCAL GOVERNMENT  
EXPENDITURES BY CITY/MUNICIPALITY, AND BY TYPE OF SERVICE, NCR: 2016**

(in million Pesos)

City/Municipality	Total	Type of Service		
		Social Services and Social Welfare	General Public Services	Economic Services
<b>NCR</b>	<b>36,640.7</b>	<b>4,459.0</b>	<b>24,101.9</b>	<b>8,079.8</b>
City of Manila	4,862.1	678.7	1,825.4	2,357.9
City of Mandaluyong	1,730.1	251.3	905.7	573.1
City of Marikina	1,058.5	37.1	739.8	281.7
City of Pasig	2,307.7	129.6	1,170.2	1,007.9
Quezon City	6,196.2	330.3	5,238.2	627.7
City of San Juan	786.7	36.5	531.7	218.5
Caloocan City	2,194.6	100.5	1,916.7	177.4
City of Malabon	604.1	73.9	355.7	174.6
City of Navotas	336.5	15.6	246.4	74.5
City of Valenzuela	1,527.6	138.4	1,248.8	140.4
City of Las Piñas	987.3	69.7	753.0	164.6
City of Muntinlupa	2,454.6	556.8	1,320.9	576.8
City of Makati	4,626.6	993.1	2,839.2	794.3
City of Parañaque	1,857.9	373.0	1,242.5	242.5
Pasay City	1,867.4	561.8	1,008.7	296.9
Pateros	113.7	5.2	91.9	16.6
Taguig City	3,129.0	107.6	2,667.1	354.3

Source: Bureau of Local Government Finance

Table 15.5a

**NUMBER OF REGISTERED VOTERS, NUMBER OF REGISTERED VOTERS WHO ACTUALLY VOTED AND VOTERS TURN-OUT BY CITY/MUNICIPALITY, AND BY SEX, NCR: MAY 9, 2016 AUTOMATED NATIONAL AND LOCAL ELECTIONS**

City/Municipality	Number of Registered Voters (in '000)			Number of Registered Voters Who Actually Voted* (in '000)			Percentage of Voters Turn-Out (in %)		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>NCR</b>	<b>6,253.2</b>	<b>2,826.6</b>	<b>3,426.7</b>	<b>4,931.8</b>	<b>2,214.4</b>	<b>2,717.3</b>	<b>78.9</b>	<b>78.3</b>	<b>79.3</b>
City of Manila	974.5	455.1	519.4	770.5	356.9	413.7	79.1	78.4	79.6
City of Mandaluyong	200.8	92.6	108.2	155.5	71.1	84.4	77.5	76.8	78.0
City of Marikina	217.7	96.2	121.5	181.9	80.0	101.9	83.5	83.1	83.9
City of Pasig	390.9	175.2	215.7	325.3	144.0	181.3	83.2	82.2	84.1
Quezon City	1,150.3	509.7	640.6	914.3	403.8	510.5	79.5	79.2	79.7
City of San Juan	71.2	31.7	39.5	58.2	26.0	32.2	81.7	82.0	81.5
Caloocan City	648.9	289.2	359.7	515.5	228.0	287.6	79.4	78.8	79.9
City of Malabon	194.7	90.1	104.6	153.5	70.4	83.2	78.8	78.1	79.5
City of Navotas	125.8	57.9	67.9	103.1	46.6	56.5	82.0	80.5	83.2
City of Valenzuela	318.9	146.9	172.1	267.8	123.2	144.5	84.0	83.9	84.0
City of Las Piñas	304.3	134.5	169.8	224.5	98.4	126.0	73.8	73.2	74.2
City of Muntinlupa	309.6	141.2	168.3	226.0	101.8	124.2	73.0	72.1	73.8
City of Makati	397.6	171.8	225.8	315.2	136.9	178.3	79.3	79.7	78.9
City of Parañaque	291.1	132.4	158.7	231.3	104.2	127.1	79.5	78.7	80.1
Pasay City	253.8	120.2	133.6	199.6	93.8	105.7	78.6	78.1	79.1
Pateros	33.9	16.0	17.9	27.9	13.1	14.8	82.3	81.9	82.7
Taguig City	369.1	165.8	203.3	261.5	116.0	145.5	70.9	70.0	71.6

Source: Commission on Elections

Table 15.5b

**NUMBER OF BARANGAYS, NUMBER OF ESTABLISHED PRECINCTS FUNCTIONED,  
NUMBER OF CLUSTERED PRECINCTS FUNCTIONED BY CITY/MUNICIPALITY, NCR: MAY  
9, 2016 AUTOMATED NATIONAL AND LOCAL ELECTIONS**

<b>City/Municipality</b>	<b>Number of Barangays</b>	<b>Number of Established Precincts Functioned</b>	<b>Number of Clustered Precincts Functioned</b>
<b>NCR</b>	<b>1,706</b>	<b>43,343</b>	<b>9,271</b>
City of Manila	897	7,531	1,681
City of Mandaluyong	27	1,396	274
City of Marikina	16	1,694	318
City of Pasig	30	2,725	534
Quezon City	142	7,708	1,652
City of San Juan	21	539	105
Caloocan City	188	4,312	963
City of Malabon	21	1,218	279
City of Navotas	14	897	173
City of Valenzuela	33	1,963	460
City of Las Piñas	20	2,024	421
City of Muntinlupa	9	1,852	427
City of Makati	33	3,067	559
City of Parañaque	16	1,904	416
Pasay City	201	1,931	430
Pateros	10	285	53
Taguig City	28	2,297	526

*Source: Commission on Elections*

Table 15.6

**TOP TEN TRAFFIC VIOLATION, NCR: 2018**

<b>Violations</b>	<b>2018</b>
Disregarding Traffic Sign (003)	107,719
Obstruction (001)	99,340
Unified Vehicle Volume Reduction Program (176)	32,113
Illegal Parking (Not-Towed) (006A)	63,046
Illegal Parking (Towed) (006B)	22,591
Stalled Vehicle (005)	15,292
Reckless (004)	
Loading/Unloading in Prohibited Zone (002)	9,384
Truck Ban (221)	10,156
Motorcycle Lane Commonwealth	18,590
Bus/PUJ Lane Ordinance	10,355

Source: Metropolitan Manila Development Authority

Table 15.7

**TRAFFIC VIOLATION APPREHENSION BY MONTH, AND BY YEAR, NCR: 2016 - 2018**

<b>Month</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Total</b>	<b>269,303</b>	<b>408,066</b>	<b>476,030</b>
January	19,838	23,260	29,912
February	22,392	34,865	32,993
March	23,196	42,394	32,460
April	20,022	26,433	35,459
May	24,749	33,516	38,149
June	24,551	38,674	34,882
July	23,249	37,422	37,379
August	23,778	40,005	42,376
September	20,820	30,449	49,551
October	20,835	32,108	57,906
November	24,103	35,079	46,815
December	21,765	33,861	38,148

Source: Metropolitan Manila Development Authority

Table 15.8

**NUMBER OF ROAD ACCIDENT BY YEAR, BY CITY/MUNICIPALITY, AND BY TYPE OF DAMAGE, NCR: 2012 - 2018**

City/Municipality	Grand Total	Type of Damage		
		Fatal	Non Fatal Injury	Damage
<b>2012</b>				
<b>NCR</b>	<b>82,757</b>	<b>394</b>	<b>16,708</b>	<b>65,655</b>
City of Manila	8,285	53	901	7,331
City of Mandaluyong	3,347	2	482	2,863
City of Marikina	3,500	15	1,170	2,315
City of Pasig	6,431	21	1,117	5,293
Quezon City	25,520	141	5,118	20,261
City of San Juan	1,696	-	204	1,492
Caloocan City	3,511	28	1,081	2,402
City of Malabon	866	8	330	528
City of Navotas	782	-	265	517
City of Valenzuela	2,552	27	1,070	1,455
City of Las Piñas	3,063	15	576	2,472
City of Muntinlupa	7,639	26	1,115	6,498
City of Makati	3,396	13	952	2,431
City of Parañaque	3,863	20	901	2,942
Pasay City	4,042	7	583	3,452
Pateros	35	-	2	33
Taguig City	4,229	18	841	3,370
<b>2013</b>				
<b>NCR</b>	<b>86,565</b>	<b>411</b>	<b>16,740</b>	<b>69,414</b>
City of Manila	8,573	56	988	7,529
City of Mandaluyong	3,554	8	422	3,124
City of Marikina	3,191	17	1,005	2,169
City of Pasig	6,484	13	945	5,526
Quezon City	26,641	141	5,154	21,346
City of San Juan	1,375	1	119	1,255
Caloocan City	3,734	37	1,092	2,605
City of Malabon	994	4	384	606
City of Navotas	878	6	351	521
City of Valenzuela	2,611	18	1,092	1,501
City of Las Piñas	3,336	9	733	2,594
City of Muntinlupa	8,314	23	968	7,323
City of Makati	3,395	13	996	2,386
City of Parañaque	4,295	25	991	3,279
Pasay City	4,208	15	583	3,610
Pateros	10	-	-	10
Taguig City	4,972	25	917	4,030

Source: Metropolitan Manila Development Authority

Table 15.8 - continued

City/Municipality	Grand Total	Type of Damage		
		Fatal	Non Fatal Injury	Damage
<b>2014</b>				
<b>NCR</b>	<b>90,258</b>	<b>418</b>	<b>16,665</b>	<b>73,175</b>
City of Manila	9,984	78	1,329	8,577
City of Mandaluyong	4,091	11	540	3,540
City of Marikina	2,131	17	577	1,537
City of Pasig	7,735	16	879	6,840
Quezon City	26,891	118	4,488	22,285
City of San Juan	1,687	-	270	1,417
Caloocan City	3,511	21	1,149	2,341
City of Malabon	964	5	423	536
City of Navotas	821	9	299	513
City of Valenzuela	2,788	26	1,080	1,682
City of Las Piñas	3,362	14	1,011	2,337
City of Muntinlupa	8,860	17	1,018	7,825
City of Makati	3,465	10	937	2,518
City of Parañaque	4,957	33	1,172	3,752
Pasay City	4,096	9	627	3,460
Pateros	60	-	20	40
Taguig City	4,855	34	846	3,975
<b>2015</b>				
<b>NCR</b>	<b>95,615</b>	<b>519</b>	<b>17,103</b>	<b>77,993</b>
City of Manila	11,101	83	1,338	9,680
City of Mandaluyong	4,222	7	500	3,715
City of Marikina	3,607	26	985	2,596
City of Pasig	7,597	23	1,375	6,199
Quezon City	27,529	146	4,466	22,917
City of San Juan	1,604	2	266	1,336
Caloocan City	4,106	43	1,130	2,933
City of Malabon	1,095	5	418	672
City of Navotas	730	12	211	507
City of Valenzuela	1,812	33	722	1,057
City of Las Piñas	3,416	24	1,035	2,357
City of Muntinlupa	10,173	19	969	9,185
City of Makati	3,794	21	966	2,807
City of Parañaque	4,939	26	1,183	3,730
Pasay City	4,958	10	712	4,236
Pateros	31	-	4	27
Taguig City	4,901	39	823	4,039

Table 15.8 - continued

City/Municipality	Grand Total	Type of Damage		
		Fatal	Non Fatal Injury	Damage
<b>2016</b>				
<b>NCR</b>	<b>109,322</b>	<b>426</b>	<b>16,416</b>	<b>92,480</b>
City of Manila	11,307	66	1,148	10,093
City of Mandaluyong	5,723	1	503	5,219
City of Marikina	4,713	16	1,167	3,530
City of Pasig	8,359	23	1,179	7,157
Quezon City	33,717	116	4,755	28,846
City of San Juan	1,825	6	250	1,569
Caloocan City	3,859	36	888	2,935
City of Malabon	1,120	14	432	674
City of Navotas	771	9	212	550
City of Valenzuela	1,813	25	795	993
City of Las Piñas	3,239	15	751	2,473
City of Muntinlupa	12,505	14	1,004	11,487
City of Makati	3,889	14	968	2,907
City of Parañaque	5,364	37	1,041	4,286
Pasay City	5,698	13	723	4,962
Pateros	35	-	9	26
Taguig City	5,385	21	591	4,773
<b>2017</b>				
<b>NCR</b>	<b>110,025</b>	<b>423</b>	<b>15,505</b>	<b>94,097</b>
City of Manila	11,315	53	1,263	9,999
City of Mandaluyong	5,485	7	553	4,925
City of Marikina	4,618	14	1,158	3,446
City of Pasig	7,425	23	681	6,721
Quezon City	35,494	132	4,729	30,633
City of San Juan	1,809	2	225	1,582
Caloocan City	4,170	31	851	3,288
City of Malabon	1,218	13	421	784
City of Navotas	1,028	6	381	641
City of Valenzuela	1,799	29	745	1,025
City of Las Piñas	3,355	11	653	2,691
City of Muntinlupa	4,129	13	800	3,316
City of Makati	11,425	18	727	10,680
City of Parañaque	5,182	41	992	4,149
Pasay City	5,812	14	699	5,099
Pateros	4	1	1	2
Taguig City	5,757	15	626	5,116

Table 15.8 - concluded

City/Municipality	Grand Total	Type of Damage		
		Fatal	Non Fatal Injury	Damage
<b>2018</b>				
<b>NCR</b>	<b>226,906</b>	<b>383</b>	<b>17,891</b>	<b>98,632</b>
City of Manila	4,847	32	1,124	3,691
City of Mandaluyong	3,761	15	954	2,792
City of Marikina	11,382	11	780	10,591
City of Pasig	1,170	7	451	712
Quezon City	6,635	8	682	5,945
City of San Juan	11,448	56	1,668	9,724
Caloocan City	5,086	19	1,296	3,771
City of Malabon	4,039	7	812	3,220
City of Navotas	957	11	320	626
City of Valenzuela	5,469	47	1,017	4,405
City of Las Piñas	5,816	13	890	4,913
City of Muntinlupa	7,617	12	680	6,925
City of Makati	118		25	93
City of Parañaque	38,967	105	5,347	33,515
Pasay City	1,680		236	1,444
Pateros	6,287	18	932	5,337
Taguig City	1,627	22	677	928

Table 15.9

**NUMBER OF ROAD ACCIDENT BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2014 - 2018**

<b>City/Municipality</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>NCR</b>	<b>90,258</b>	<b>95,615</b>	<b>109,322</b>	<b>110,025</b>	<b>116,906</b>
City of Manila	9,984	11,101	11,307	11,315	11,448
City of Mandaluyong	4,091	4,222	5,723	5,485	6,635
City of Marikina	2,131	3,607	4,713	4,618	5,086
City of Pasig	7,735	7,597	8,359	7,425	7,617
Quezon City	26,891	27,529	33,717	35,494	38,967
City of San Juan	1,687	1,604	1,825	1,809	1,680
Caloocan City	3,511	4,106	3,859	4,170	4,847
City of Malabon	964	1,095	1,120	1,218	1,170
City of Navotas	821	730	771	1,028	957
City of Valenzuela	2,788	1,812	1,813	1,799	1,627
City of Las Piñas	3,362	3,416	3,239	3,355	3,761
City of Muntinlupa	3,465	3,794	3,889	4,129	4,039
City of Makati	8,860	10,173	12,505	11,425	11,382
City of Parañaque	4,957	4,939	5,364	5,182	5,469
Pasay City	4,096	4,958	5,698	5,812	5,816
Pateros	60	31	35	4	118
Taguig City	4,855	4,901	5,385	5,757	6,287

Source: Metropolitan Manila Development Authority

Table 15.10

**NUMBER OF VEHICLE INVOLVED IN A ROAD CRASH BY YEAR, BY VEHICLE TYPE, AND TYPE OF DAMAGE, NCR: 2012 - 2018**

Year/ Vehicle Type	Total No. of Vehicles	Type of Damage		
		Fatal	Non Fatal Injury	Damage to Property
<b>2012</b>				
<b>Total</b>	<b>155,965</b>	<b>587</b>	<b>27,114</b>	<b>128,264</b>
Cycle-Pedicab	1,326	23	840	463
Motorcycle	19,574	184	10,761	8,629
Motor Tricycle	3,669	16	1,596	2,057
Car	75,880	101	6,457	69,322
Jeepney	11,937	41	2,432	9,464
Taxi / Fx	11,067	18	1,572	9,477
Bus	6,752	39	740	5,973
Van	8,103	36	827	7,240
Truck	11,791	90	1,136	10,565
Train	21	6	9	6
Kuliglig	14	-	2	12
Horse-drawn vehicle	5	-	1	4
Push Cart	18	-	10	8
Heavy Equipment	2	-	-	2
Unknown Vehicle	5,806	33	731	5,042
<b>2013</b>				
<b>Total</b>	<b>163,595</b>	<b>600</b>	<b>27,143</b>	<b>135,852</b>
Cycle-Pedicab	1,345	20	834	491
Motorcycle	20,272	194	10,554	9,524
Motor Tricycle	3,824	17	1,616	2,191
Car	79,918	127	6,275	73,516
Jeepney	11,853	51	2,452	9,350
Taxi / Fx	13,868	20	1,887	11,961
Bus	6,435	27	725	5,683
Van	6,041	18	627	5,396
Truck	12,996	97	1,185	11,714
Train	11	2	4	5
Kuliglig	-	-	-	-
Horse-drawn vehicle	-	-	-	-
Push Cart	-	-	-	-
Heavy Equipment	-	-	-	-
Unknown Vehicle	7,032	27	984	6,021

Source: Metropolitan Manila Development Authority

Note: '-' means 0

Table 15.10 - continued

Year/ Vehicle Type	Total No. of Vehicles	Type of Damage		
		Fatal	Non Fatal Injury	Damage to Property
<b>2014</b>				
<b>Total</b>	<b>171,813</b>	<b>628</b>	<b>27,178</b>	<b>144,007</b>
Cycle-Pedicab	1,413	17	939	457
Motorcycle	20,515	204	10,735	9,576
Motor Tricycle	3,595	18	1,434	2,143
Car	78,970	92	6,119	72,759
Jeepney	11,106	45	2,222	8,839
Taxi / Fx	12,511	24	1,618	10,869
Bus	6,266	24	661	5,581
Van	13,930	36	1,211	12,683
Truck	15,188	125	1,265	13,798
Train	19	9	8	2
Kuliglig	42	1	11	30
Animal-drawn vehicle	2	-	-	2
Heavy Equipment	4	-	1	3
Unknown Vehicle	8,252	33	954	7,265
<b>2015</b>				
<b>Total</b>	<b>184,324</b>	<b>779</b>	<b>29,154</b>	<b>154,391</b>
Cycle-Pedicab	1,340	26	940	374
Motorcycle	20,283	262	11,620	8,401
Motor Tricycle	3,666	29	1,524	2,113
Car	90,629	125	7,427	83,077
Jeepney	10,741	61	2,161	8,519
Taxi / Fx	9,652	16	1,335	8,301
Bus	7,371	32	704	6,635
Van	15,774	48	1,313	14,413
Truck	17,268	129	1,402	15,737
Train	30	17	10	3
Kuliglig	10	-	4	6
Animal-drawn vehicle	1	-	-	1
Heavy Equipment	3	-	-	3
Unknown Vehicle	7,556	34	714	6,808

Table 15.10 - continued

Year/ Vehicle Type	Total No. of Vehicles	Type of Damage		
		Fatal	Non Fatal Injury	Damage to Property
<b>2016</b>				
<b>Total</b>	<b>210,542</b>	<b>624</b>	<b>28,270</b>	<b>181,648</b>
Cycle-Pedicab	1,396	23	882	491
Motorcycle	23,105	218	11,456	11,431
Motor Tricycle	3,773	21	1,399	2,353
Car	108,307	98	7,544	100,665
Jeepney	11,157	44	1,922	9,191
Taxi / Fx	8,360	13	973	7,374
Bus	9,563	31	719	8,813
Van	18,772	34	1,332	17,406
Truck	19,614	103	1,459	18,052
Train	34	14	11	9
Kuliglig	45	-	12	33
Animal-drawn vehicle	3	-	-	3
Heavy Equipment	4	-	3	1
Unknown Vehicle	6,409	25	558	5,826
<b>2017</b>				
<b>Total</b>	<b>210,042</b>	<b>655</b>	<b>26,477</b>	<b>182,910</b>
Cycle-Pedicab	1,431	24	837	570
Motorcycle	24,058	248	11,225	12,585
Motor Tricycle	3,655	16	1,187	2,452
Car	110,653	114	6,961	103,578
Jeepney	10,163	33	1,629	8,501
Taxi / Fx	6,378	12	718	5,648
Bus	9,214	21	642	8,551
Van	20,940	35	1,541	19,364
Truck	17,858	117	1,251	16,490
Train	24	9	7	8
Kuliglig	-	-	-	-
Animal-drawn vehicle	-	-	-	-
Heavy Equipment	-	-	-	-
Unknown Vehicle	5,668	26	479	5,163

Table 15.10 - concluded

Year/ Vehicle Type	Total No. of Vehicles	Type of Damage		
		Fatal	Non Fatal Injury	Damage to Property
<b>2018</b>				
<b>Total</b>	<b>229,397</b>	<b>590</b>	<b>30,926</b>	<b>194,281</b>
Cycle-Pedicab	1,627	24	1,001	602
Motorcycle	29,261	224	13,594	15,443
Motor Tricycle	3,831	19	1,305	2,507
Car	117,225	95	8,121	109,009
Jeepney	9,617	26	1,717	7,874
Taxi / Fx	5,667	7	724	4,936
Bus	11,447	17	753	10,677
Van	22,954	47	1,797	21,110
Truck	18,163	100	1,340	16,723
Train	24	7	13	4
Kuliglig	-	-	-	-
Animal-drawn vehicle	-	-	-	-
Heavy Equipment	-	-	-	-
Unknown Vehicle	9,581	24	561	5,396

Table 15.11

**WATER LEVEL IN FLOOD PRONE AREA BY LOCATION, NCR: 2018**

(in inches)

<b>Location</b>	<b>Water Level</b>
NLEX - Balintawak	12
EDSA - North Ave.	0
North Ave. fronting Trinoma Mall, QC	0
R. Papa - Rizal Ave. , Manila	39
España - Antipolo-Macela, Manila	20
P. Burgos - Manila City Hall Vicinity	8
Buendia - South Superhighway (South & North bound)	12
Buendia Extension - Macapagal Ave.	0
Don Bosco, Makati City	0
EDSA-Pasong Tamo Magallanes Tunnel	35
Osmeña - Skyway (Northbound) in Makati City	0
Osmeña - Skyway (Southbound)	0
West Service Road, Merville in Parañaque City	12
Philcoa Area, QC	0
Quezon Ave. - Victory Ave./Biak Na Bato	20
EDSA - Camp Aguinaldo Gate 3, QC	0
EDSA - SM Mega Mall, Mandaluyong City	0
C-5 - Bagong Silang, Pasig City	0
C-5-BCDA, Taguig City	12
C-5 Bayani Road	12
East Service Road - Sales St., Muntinlupa City	14

Source: Metropolitan Manila Development Authority

Table 15.12

**VOLUME OF GARBAGE DISPOSED BY YEAR, NCR: 2012 - 2017**

(in thousand cu.m.)

	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Garbaged Disposed</b>	<b>9,774.1</b>	<b>9,939.5</b>	<b>10,269.5</b>	<b>10,802.7</b>	<b>10,731.1</b>	<b>12,125.1</b>

Source: Metropolitan Manila Development Authority

Table 15.13a

**HIGHLY URBANIZED CITY RANKING BY LOCAL GOVERNMENT, AND BY PILLAR, NCR:**

Local Government	Overall	Pillar		
		Economic Dynamism	Government Efficiency	Infrastructure
City of Manila	1st	4th	7th	1st
City of Mandaluyong	21st	11th	24th	22nd
City of Marikina	20th	16th	12th	23rd
City of Pasig	16th	8th	29th	11th
Quezon City	4th	1st	17th	8th
City of San Juan	28th	31st	19th	30th
Caloocan City	9th	5th	26th	4th
City of Malabon	29th	23th	31st	25th
City of Navotas	31st	28th	28th	33rd
City of Valenzuela	8th	10th	8th	10th
City of Las Piñas	19th	15th	21st	14th
City of Muntinlupa	12th	7th	14th	15th
City of Makati	2nd	2nd	3rd	6th
City of Parañaque	7th	3rd	16th	13th
Pasay City	11th	13th	11th	12th
Taguig City	34th	19th	34th	34th

Source: National Competitiveness Council, [cmcindex.org.ph](http://cmcindex.org.ph)

Note: Pateros is not included in the category of Highly Urbanized City.

Highly Urbanized City is categorized among 33 cities across Philippines

Table 15.13b

**HIGHLY URBANIZED CITY RANKING BY LOCAL GOVERNMENT, AND BY PILLAR, NCR:**

Local Government	Overall	Pillars			
		Economic Dynamism	Government Efficiency	Infrastructure	Resiliency
City of Manila	2nd	5th	1st	2nd	3rd
City of Mandaluyong	14th	10th	11th	21st	17th
City of Marikina	24th	16th	14th	26th	30th
City of Pasig	6th	6th	15th	8th	11th
Quezon City	1st	2nd	2nd	1st	2nd
City of San Juan	30th	21st	13th	25th	32nd
Caloocan City	9th	12th	12th	10th	10th
City of Malabon	22nd	30th	9th	29th	15th
City of Navotas	31st	32nd	33rd	14th	29th
City of Valenzuela	17th	14th	18th	24th	25th
City of Las Piñas	27th	25th	29th	11th	28th
City of Muntinlupa	12th	11th	3rd	17th	26th
City of Makati	5th	3rd	6th	9th	5th
City of Parañaque	8th	9th	20th	7th	8th
Pasay City	4th	1st	4th	4th	7th
Taguig City	7th	7th	8th	20th	14th

Source: National Competitiveness Council, [cmcindex.org.ph](http://cmcindex.org.ph)

Table 15.13c

**HIGHLY URBANIZED CITY RANKING BY LOCAL GOVERNMENT, AND BY REGION,  
PHILIPPINES: 2018**

Local Government	Overall Rank	Region
Quezon City	1st	National Capital Region
City of Manila	2nd	National Capital Region
Pasay City	3rd	National Capital Region
Davao City	4th	Region XI - Davao Region
Cagayan De Oro City	5th	Region X - Northern Mindanao
City of Makati	6th	National Capital Region
City of Pasig	7th	National Capital Region
Bacolod City	8th	Region VI - Western Visayas
Cebu City	9th	Region VII - Central Visayas
City of Muntinlupa	10th	National Capital Region
Iloilo City	11th	Region VI - Western Visayas
Taguig City	12th	National Capital Region
Mandaue City	13th	Region VII - Central Visayas
General Santos City	14th	Region XII - SOCCSKSARGEN
City of Mandaluyong	15th	National Capital Region
City of Parañaque	16th	National Capital Region
City of Marikina	17th	National Capital Region
Zamboanga City	18th	Region IX - Zamboanga Peninsula
Caloocan City	19th	National Capital Region
City of San Juan	20th	National Capital Region
Baguio City	21st	Cordillera Administrative Region
City of Valenzuela	22nd	National Capital Region
Puerto Princesa City	23rd	Region IVB - MIMAROPA
Tacloban City	24th	Region VIII - Eastern Visayas
Lapu Lapu City	25th	Region VII - Central Visayas
City of Navotas	26th	National Capital Region
City of Las Piñas	27th	National Capital Region
Butuan City	28th	Region XIII - CARAGA
Olongapo City	29th	Region III - Central Luzon
City of Malabon	30th	National Capital Region
Iligan City	31st	Region X - Northern Mindanao
Angeles City	32nd	Region III - Central Luzon
Lucena City	33rd	Region IVA - CALABARZON

Source: National Competitiveness Council, [cmcindex.org.ph](http://cmcindex.org.ph)

Note: Highly Urbanized City is categorized among 33

Rankings of Cities are based on the sum of their scores on 4 Pillars: Economic Dynamism, Government Efficiency, Infrastructure ar

Table 15.13d

**RANKING OF HIGHLY URBANIZED CITY BY LOCAL GOVERNMENT, AND BY PILLARS, NCR:  
2018**

City	Overall	Pillar			
		Economic Dynamism	Government Efficiency	Infrastructure	Resiliency
City of Manila	2nd	4th	3rd	2nd	9th
City of Mandaluyong	15th	20th	9th	14th	32nd
City of Marikina	17th	24th	12th	21st	15th
City of Pasig	7th	12th	10th	4th	12th
Quezon City	1st	1st	5th	1st	8th
City of San Juan	20th	30th	2nd	24th	30th
Caloocan City	19th	19th	18th	15th	17th
City of Malabon	30th	32nd	22nd	27th	16th
City of Navotas	26th	18th	27th	26th	13th
City of Valenzuela	22nd	25th	19th	16th	18th
City of Las Piñas	27th	29th	26th	22nd	26th
City of Muntinlupa	10th	23rd	8th	12th	3rd
City of Makati	6th	5th	6th	9th	6th
City of Parañaque	16th	16th	24th	10th	28th
Pasay City	3rd	2nd	1st	7th	4th
Taguig City	12th	8th	13th	19th	24th

Source: National Competitiveness Council, [cmcindex.org.ph](http://cmcindex.org.ph)

Note: Pateros is not included in the category of Highly Urbanized City.

Highly Urbanized City is categorized among 33 cities across Philippines





## Chapter 16

# Money and Banking

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Data pertaining to the operations of financial institutions provide indicators of the area's economy. The growth in the number of banking institutions operating in a certain locality gives insights on the pace at which business and trade grows. Data on loans granted by banks provide a picture of the level and nature of investments put up over time. Statistics on loans outstanding of financial institutions, on the other hand, serve as signals of the rate of turnover of investments. The money and banking sector plays a vital in development of productive activities by proprietors or corporate institutions in the area. The presence and accessibility of establishments providing these services to existing and prospective investors contribute to the realization of programs and projects aimed at industrial and entrepreneurial advancement.

This chapter presents data on the number of offices of the financial system in the region, loan portfolio, operating and interest income and interest expenses by type of banks. The source of data is the Bangko Sentral ng Pilipinas.

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Table 16.1

**NUMBER OF OFFICE BY YEAR, AND TYPE OF BANK, NCR: 2008 - 2018**

Year	Total	Type of Bank		
		Universal and Commercial Banks	Thrift Banks	Rural and Cooperative Banks
2008	2,735	2,082	554	99
2009	2,783	2,124	555	104
2010	2,854	2,216	558	80
2011	2,892	2,273	532	87
2012	2,903	2,310	515	78
2013	3,141	2,515	545	81
2014	3,275	2,644	544	87
2015	3,379	2,760	544	75
2016	3,504	2,864	551	89
2017	3,648	2,987	574	87
2018	3,739	3,057	588	94

Source: Banko Sentral ng Pilipinas

Table 16.2

**TOTAL RESOURCES BY YEAR, AND TYPE OF BANK, NCR: 2008 - 2017**

(in million Pesos)

Year	Total	Type of Bank		
		Universal and Commercial Banks	Thrift Banks	Rural and Cooperative Banks
2008	4,596,207	4,214,891	360,050	21,266
2009	4,925,665	4,492,466	413,863	19,336
2010	5,536,100	5,041,065	471,903	23,132
2011	5,749,654	5,268,125	456,644	24,885
2012	6,403,333	5,933,332	447,315	22,686
2013	7,132,874	6,565,312	544,611	22,952
2014	8,964,191	8,362,362	576,419	25,410
2015	9,220,447	8,578,350	633,326	8,772
2016 <sup>/1</sup>	8,823,606	8,098,324	697,138	28,144
2017 <sup>/1</sup>	9,169,237	8,541,755	610,629	16,853

Source: Banko Sentral ng Pilipinas

Note: /1 - Details may not add up to total due to no disaggregation in type of bank in City of Manila, City of Navotas and Pasay City

Table 16.3

**TOTAL OPERATING INCOME BY CITY/MUNICIPALITY, BY TYPE OF BANK, AND BY YEAR, NCR: 2008 - 2017**

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
<b>NCR</b>	<b>343,039</b>	<b>393,157</b>	<b>423,697</b>	<b>426,507</b>	<b>448,370</b>	<b>461,550</b>	<b>475,869</b>	<b>488,604</b>	<b>477,736</b>	<b>394,411</b>
<b>Universal and Commercial Banks</b>	<b>304,899</b>	<b>350,207</b>	<b>376,523</b>	<b>382,316</b>	<b>407,447</b>	<b>411,533</b>	<b>430,213</b>	<b>440,247</b>	<b>422,690</b>	<b>349,100</b>
<b>Thrift Banks</b>	<b>35,410</b>	<b>38,733</b>	<b>43,933</b>	<b>42,323</b>	<b>38,869</b>	<b>47,964</b>	<b>43,425</b>	<b>46,946</b>	<b>51,022</b>	<b>43,851</b>
<b>Rural and Cooperative Banks</b>	<b>2,730</b>	<b>4,217</b>	<b>3,241</b>	<b>1,868</b>	<b>2,055</b>	<b>2,054</b>	<b>2,231</b>	<b>1,411</b>	<b>4,024</b>	<b>1,460</b>
City of Manila	30,862	34,548	36,498	39,528	35,015	48,015	39,057	44,678	49,137	37,839
Universal and Commercial Banks	30,076	33,682	35,731	38,402	34,081	46,924	37,899	42,982	*	*
Thrift Banks	787	866	767	1,126	934	1,091	1,157	1,696	*	*
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	*	*
City of Mandaluyong	47,899	965	8,422	7,228	7,262	8,554	7,209	7,199	7,311	4,559
Universal and Commercial Banks	47,503	522	7,709	6,414	6,468	7,848	6,419	6,383	6,513	4,072
Thrift Banks	66	62	257	510	184	253	340	390	457	163
Rural and Cooperative Banks	330	381	456	304	610	453	451	426	341	324
City of Marikina	373	267	253	277	348	348	414	434	502	315
Universal and Commercial Banks	279	164	144	178	188	212	230	230	246	178
Thrift Banks	62	63	72	66	135	103	156	174	217	107
Rural and Cooperative Banks	32	41	37	33	26	33	28	30	39	30
City of Pasig	22,049	27,487	29,076	28,662	50,887	39,524	43,056	33,198	23,956	20,478
Universal and Commercial Banks	18,010	22,714	23,571	23,409	32,123	21,054	26,051	13,834	19,067	18,644
Thrift Banks	3,698	4,372	5,177	5,191	5,413	1,407	1,565	1,783	2,085	1,459
Quezon City	4,521	7,801	7,662	6,811	6,637	8,500	7,607	8,620	9,307	5,738
Universal and Commercial Banks	177	2,874	2,963	4,759	4,899	6,310	6,292	6,936	7,412	5,063
Thrift Banks	4,316	4,901	4,667	2,024	1,716	2,167	1,289	1,645	1,844	604
Rural and Cooperative Banks	28	27	32	28	22	23	26	39	51	71
Rural and Cooperative Banks	340	401	328	62	77	63	227	340	2,804	375

Source: *Bangko Sentral ng Pilipinas*

Note: 1/ as of 30 September 2017

Details may not add up to total due to rou

-' means 0

\*\* means no disaggregation

Table 16.3 - continued

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of San Juan	602	902	3,353	547	823	1,174	869	727	968	1,249
Universal and Commercial Banks	216	495	2,974	212	346	804	600	451	642	149
Thrift Banks	176	184	173	263	477	370	269	276	326	1,100
Rural and Cooperative Banks	209	223	207	72	-	-	-	-	.	.
Caloocan City	1,520	1,821	3,001	3,048	3,407	2,998	4,489	4,572	5,068	3,797
Universal and Commercial Banks	225	505	597	470	594	(473)	943	858	775	493
Thrift Banks	1,138	1,247	2,153	2,450	2,686	3,347	3,426	3,703	4,283	3,299
Rural and Cooperative Banks	157	68	252	128	126	123	120	10	10	6
City of Malabon	61	106	394	99	103	150	139	192	205	90
Universal and Commercial Banks	44	86	88	79	64	122	96	143	144	60
Thrift Banks	17	20	306	20	39	28	43	48	61	30
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-
City of Navotas	62	65	56	71	67	98	95	100	128	80
Universal and Commercial Banks	43	45	33	46	39	71	65	65	*	*
Thrift Banks	17	18	20	22	26	26	30	34	*	*
Rural and Cooperative Banks	3	3	4	3	2	1	1	0	*	*
City of Valenzuela	306	232	210	241	366	302	343	426	448	244
Universal and Commercial Banks	252	177	152	182	272	236	229	242	221	143
Thrift Banks	32	34	32	28	66	37	78	141	185	67
Rural and Cooperative Banks	23	21	26	31	27	29	36	43	42	34
City of Las Piñas	455	315	365	383	906	608	555	702	770	345
Universal and Commercial Banks	258	110	68	138	213	403	219	273	276	155
Thrift Banks	148	110	125	134	559	148	271	355	412	122
Rural and Cooperative Banks	49	96	172	110	133	57	65	74	81	68

Table 16.3 - concluded

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of Makati	230,001	298,889	297,941	306,529	314,358	317,117	327,967	345,614	379,513	319,084
Universal and Commercial Banks	204,717	270,580	266,897	275,777	287,870	281,978	297,077	313,859	342,901	285,262
Thrift Banks	23,886	25,460	29,428	29,841	25,559	34,205	29,938	31,567	36,360	33,612
Rural and Cooperative Banks	1,398	2,849	1,616	911	929	934	952	188	252	210
City of Muntinlupa	847	487	584	506	497	1,210	1,026	1,523	1,831	773
Universal and Commercial Banks	568	151	322	245	138	927	633	1,118	1,465	672
Thrift Banks	247	303	230	247	344	245	364	378	344	84
Rural and Cooperative Banks	32	33	32	14	14	37	30	27	23	17
City of Parañaque	1,027	353	109	619	172	1,910	1,164	1,955	2,214	929
Universal and Commercial Banks	889	201	(51)	456	(186)	1,700	813	1,534	1,706	827
Thrift Banks	129	143	150	153	348	200	341	397	470	68
Rural and Cooperative Banks	10	10	9	9	10	10	11	23	38	34
Pasay City	1,564	17,844	22,386	16,459	19,217	18,061	20,514	16,049	18,709	17,025
Universal and Commercial Banks	1,457	17,783	22,330	16,413	19,138	18,006	20,408	15,932	*	*
Thrift Banks	107	61	56	46	78	48	93	100	*	*
Rural and Cooperative Banks	-	-	-	-	-	7	14	18	*	*
Pateros	60	58	65	84	76	65	60	59	84	49
Universal and Commercial Banks	16	14	15	13	16	19	21	21	21	14
Thrift Banks	3	3	3	4	5	6	6	6	20	7
Rural and Cooperative Banks	41	41	46	67	55	40	33	33	42	28
Taguig City	830	1,017	13,321	15,415	21,505	29,915	36,518	39,797	45,560	36,758
Universal and Commercial Banks	169	104	12,979	15,121	21,184	25,390	32,220	35,385	41,301	33,368
Thrift Banks	582	887	319	197	298	4,282	4,061	4,252	3,957	3,129
Rural and Cooperative Banks	79	25	23	96	22	243	238	160	302	261

Table 16.4

**TOTAL INTEREST INCOME BY CITY/MUNICIPALITY, BY TYPE OF BANK, AND BY YEAR, NCR: 2008 - 2017**

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
<b>NCR</b>	<b>287,216</b>	<b>298,516</b>	<b>298,811</b>	<b>310,113</b>	<b>305,744</b>	<b>314,490</b>	<b>351,462</b>	<b>387,020</b>	<b>429,919</b>	<b>369,896</b>
<b>Universal and Commercial Banks</b>	<b>254,307</b>	<b>261,620</b>	<b>261,511</b>	<b>273,354</b>	<b>273,763</b>	<b>277,335</b>	<b>313,020</b>	<b>345,077</b>	<b>321,841</b>	<b>281,488</b>
<b>Thrift Banks</b>	<b>30,428</b>	<b>32,913</b>	<b>34,316</b>	<b>35,087</b>	<b>30,115</b>	<b>35,316</b>	<b>36,580</b>	<b>40,792</b>	<b>44,196</b>	<b>38,711</b>
<b>Rural and Cooperative Banks</b>	<b>2,481</b>	<b>3,983</b>	<b>2,985</b>	<b>1,672</b>	<b>1,866</b>	<b>1,839</b>	<b>1,863</b>	<b>1,151</b>	<b>3,794</b>	<b>995</b>
City of Manila	26,194	29,028	30,593	31,958	28,911	28,611	30,829	36,097	40,054	31,706
Universal and Commercial Banks	25,646	28,344	29,928	30,847	28,076	27,722	29,914	34,607	*	*
Thrift Banks	548	684	664	1,111	835	890	915	1,490	*	*
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	*	*
City of Mandaluyong	36,430	546	6,329	5,563	5,111	4,832	5,665	5,299	5,307	3,448
Universal and Commercial Banks	36,085	161	5,686	4,806	4,404	4,281	4,992	4,601	4,623	3,237
Thrift Banks	36	36	227	489	165	187	302	350	415	133
Rural and Cooperative Banks	309	348	416	269	542	363	371	348	268	79
City of Marikina	134	126	134	149	221	187	256	278	338	192
Universal and Commercial Banks	78	67	68	77	88	92	105	106	124	93
Thrift Banks	31	34	41	48	115	77	129	149	187	77
Rural and Cooperative Banks	25	26	25	23	19	18	22	23	27	22
City of Pasig	17,126	19,084	18,590	18,796	18,897	17,280	19,057	19,953	27,143	20,748
Universal and Commercial Banks	13,730	14,865	14,528	14,663	14,940	16,290	17,823	18,275	22,586	19,340
Thrift Banks	3,088	3,858	3,806	4,088	3,909	942	1,192	1,431	1,747	1,110
Rural and Cooperative Banks	308	360	257	45	48	49	42	248	2,811	299
Quezon City	4,605	5,280	4,849	4,706	4,719	5,568	5,320	6,189	6,893	4,289
Universal and Commercial Banks	1,160	1,235	1,558	3,100	3,174	3,816	4,194	4,743	5,265	3,822
Thrift Banks	3,423	4,025	3,268	1,585	1,530	1,733	1,108	1,416	1,592	407
Rural and Cooperative Banks	22	20	22	20	15	18	18	29	36	59

Source: *Bangko Sentral ng Pilipinas*Note: <sup>1/</sup> as of 30 September 2017

Details may not add up to total due to rounding

\* means 0

\*\* means no disaggregation

Table 16.4 - continued

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of San Juan	428	412	398	406	747	624	659	619	730	1,127
Universal and Commercial Banks	140	106	96	115	311	335	460	413	440	215
Thrift Banks	104	124	124	231	436	289	199	206	290	912
Rural and Cooperative Banks	185	183	178	60	-	-	-	-	.	.
Caloocan City	1,444	1,378	1,895	2,121	2,371	3,094	3,995	4,325	4,578	3,607
Universal and Commercial Banks	329	220	239	272	415	608	767	875	828	591
Thrift Banks	972	1,098	1,415	1,725	1,834	2,367	3,110	3,444	3,745	3,011
Rural and Cooperative Banks	143	60	241	124	122	120	117	6	5	4
City of Malabon	40	37	314	38	55	51	68	79	93	41
Universal and Commercial Banks	30	27	24	23	21	32	32	38	41	25
Thrift Banks	10	10	290	15	34	19	36	41	52	16
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-
City of Navotas	26	26	27	33	36	53	53	56	77	46
Universal and Commercial Banks	13	12	10	12	12	30	27	30	*	*
Thrift Banks	11	12	14	18	22	22	25	26	*	*
Rural and Cooperative Banks	2	2	3	2	1	1	1	0	*	*
City of Valenzuela	83	89	94	112	228	171	195	260	304	142
Universal and Commercial Banks	49	56	57	74	160	127	110	116	119	75
Thrift Banks	14	16	15	15	50	24	59	111	152	42
Rural and Cooperative Banks	19	17	22	24	18	20	26	33	33	26
City of Las Piñas	3,019	208	279	236	747	227	390	464	515	175
Universal and Commercial Banks	2,881	34	29	33	140	52	82	76	73	30
Thrift Banks	95	88	92	103	483	120	245	316	363	78
Rural and Cooperative Banks	43	86	158	100	124	55	63	71	79	67

Table 16.4 - concluded

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of Makati	188,117	230,195	217,179	225,151	219,600	214,385	240,677	263,647	286,724	257,878
Universal and Commercial Banks	165,598	205,664	191,836	199,140	198,955	188,403	214,551	236,014	255,179	227,681
Thrift Banks	21,237	21,734	23,768	25,137	19,747	25,081	25,212	27,473	31,344	30,028
Rural and Cooperative Banks	1,283	2,797	1,575	874	898	901	913	159	201	169
City of Muntinlupa	254	352	308	298	548	473	680	702	898	240
Universal and Commercial Banks	88	82	97	97	228	242	346	343	560	171
Thrift Banks	141	245	185	188	308	205	313	339	321	57
Rural and Cooperative Banks	25	25	27	12	12	27	21	19	17	12
City of Parañaque	202	224	218	245	619	396	624	686	749	190
Universal and Commercial Banks	115	111	110	119	288	220	304	302	278	116
Thrift Banks	77	104	99	117	320	166	309	362	434	41
Rural and Cooperative Banks	10	9	9	9	10	10	11	23	38	34
Pasay City	8,386	10,642	10,667	10,655	9,889	14,931	16,068	17,361	19,956	16,949
Universal and Commercial Banks	8,338	10,603	10,635	10,626	9,822	14,888	15,976	17,256	*	*
Thrift Banks	48	39	32	28	67	37	79	87	*	*
Rural and Cooperative Banks	-	-	-	-	-	7	14	18	*	*
Pateros	38	33	37	49	46	37	39	37	58	27
Universal and Commercial Banks	2	2	2	3	6	8	8	8	9	5
Thrift Banks	-	0	0	1	2	3	2	3	18	4
Rural and Cooperative Banks	36	31	35	45	38	26	28	26	31	18
Taguig City	692	857	6,901	9,598	12,999	23,570	26,888	30,970	35,500	29,091
Universal and Commercial Banks	26	32	6,607	9,347	12,722	20,189	23,328	27,274	31,716	26,087
Thrift Banks	594	806	276	186	259	3,155	3,343	3,548	3,536	2,797
Rural and Cooperative Banks	72	20	18	64	18	225	216	147	248	207

Table 16.5

**DEPOSIT LIABILITIES BY YEAR, AND BY TYPE OF BANK, NCR: 2008 - 2018**

(in million Pesos)

Year	Total	Type of Bank		
		Universal and Commercial Banks	Thrift Banks	Rural and Cooperative Banks
2008	2,875,971	2,609,617	254,858	11,496
2009	3,177,913	2,880,720	285,150	12,043
2010	3,484,588	3,143,740	327,986	12,862
2011	3,635,823	3,278,272	343,023	14,528
2012	3,852,353	3,502,955	336,602	12,796
2013	5,347,947	4,921,824	410,327	15,795
2014	5,916,447	5,443,692	455,515	17,240
2015	6,194,270	5,672,220	516,731	5,319
2016	7,069,117	6,474,770	582,586	11,761
2017	7,879,151	7,236,668	631,868	10,615
2018	8,542,714	7,871,793	657,954	12,967

Source: Bangko Sentral ng Pilipinas

Table 16.6

**NET LOAN PORTFOLIO BY YEAR, AND BY TYPE OF BANK, NCR: 2008 - 2017**

(in million Pesos)

Year	Total	Type of Bank		
		Universal and Commercial Banks	Thrift Banks	Rural and Cooperative Banks
2008	2,064,176	1,834,016	217,644	12,516
2009	2,078,508	1,829,830	231,034	17,644
2010	2,284,520	2,026,080	243,737	14,703
2011	2,765,763	2,499,200	251,512	15,051
2012	3,112,926	2,849,690	249,892	13,344
2013	3,629,648	3,293,447	322,981	13,219
2014	4,336,868	3,943,374	378,379	15,115
2015	4,943,331	4,490,494	446,804	6,033
2016	5,779,283	5,257,502	507,675	14,106
2017	6,811,753	6,239,607	563,199	8,946
2018	7,746,327	7,138,705	598,215	9,407

Source: Bangko Sentral ng Pilipinas

Table 16.7

**TOTAL INTEREST EXPENSE BY CITY/MUNICIPALITY, BY TYPE OF BANK, AND BY YEAR, NCR: 2008 - 2017**

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
<b>NCR</b>	<b>109,677</b>	<b>95,261</b>	<b>86,105</b>	<b>88,055</b>	<b>83,625</b>	<b>69,769</b>	<b>68,398</b>	<b>79,889</b>	<b>73,454</b>	<b>63,447</b>
<b>Universal and Commercial Banks</b>	<b>97,145</b>	<b>83,203</b>	<b>74,252</b>	<b>77,073</b>	<b>73,278</b>	<b>60,946</b>	<b>60,073</b>	<b>70,660</b>	<b>63,084</b>	<b>55,079</b>
<b>Thrift Banks</b>	<b>11,426</b>	<b>10,834</b>	<b>10,628</b>	<b>10,272</b>	<b>9,596</b>	<b>8,097</b>	<b>7,584</b>	<b>9,047</b>	<b>10,044</b>	<b>8,152</b>
<b>Rural and Cooperative Banks</b>	<b>1,106</b>	<b>1,223</b>	<b>1,225</b>	<b>710</b>	<b>751</b>	<b>725</b>	<b>740</b>	<b>183</b>	<b>326</b>	<b>216</b>
City of Manila	14,628	15,033	13,696	14,282	12,136	10,560	9,758	11,012	11,593	8,579
Universal and Commercial Banks	13,159	13,453	12,290	12,832	11,119	9,585	8,958	10,026	*	*
Thrift Banks	1,469	1,580	1,406	1,451	1,016	975	799	986	*	*
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	*	*
City of Mandaluyong	9,710	2,634	2,644	2,487	2,179	1,626	1,837	2,183	2,411	2,334
Universal and Commercial Banks	9,496	2,410	2,416	2,308	1,970	1,461	1,666	2,030	2,239	2,185
Thrift Banks	118	115	128	119	102	102	104	116	133	123
Rural and Cooperative Banks	95	109	99	60	108	63	66	37	39	26
City of Marikina	550	565	526	497	461	366	339	360	410	322
Universal and Commercial Banks	382	384	322	307	289	210	194	219	250	199
Thrift Banks	143	155	185	178	164	150	141	137	153	118
Rural and Cooperative Banks	25	26	19	12	8	5	5	4	7	5
City of Pasig	5,990	6,096	5,339	5,883	5,961	4,802	4,600	5,962	7,637	6,627
Universal and Commercial Banks	5,049	5,059	4,499	5,115	5,133	4,210	3,966	4,967	6,294	5,661
Thrift Banks	758	852	795	757	811	573	598	946	1,291	949
Rural and Cooperative Banks	183	185	44	11	18	19	36	49	52	17
Quezon City	12,144	11,831	10,252	9,697	9,113	7,315	6,893	8,221	9,191	7,596
Universal and Commercial Banks	9,893	9,562	7,833	7,807	7,377	5,758	5,624	6,717	7,490	6,148
Thrift Banks	2,236	2,255	2,406	1,882	1,733	1,553	1,265	1,501	1,699	1,440
Rural and Cooperative Banks	16	13	13	8	3	4	3	3	2	8

Source: *Bangko Sentral ng Pilipinas*

Note: 1/ as of 30 September 2017

Details may not add up to total due to rounding

\* means 0

\*\* means no disaggregation

Table 16.7 - continued

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of San Juan	2,693	2,246	1,717	1,587	1,382	1,154	1,016	1,115	1,413	1,256
Universal and Commercial Banks	2,246	1,905	1,369	1,262	1,060	847	813	918	1,156	946
Thrift Banks	440	334	345	324	322	307	203	197	257	310
Rural and Cooperative Banks	7	7	3	1	-	-	-	-	.	.
Caloocan City	1,819	1,712	1,564	1,445	1,260	918	895	1,028	1,152	927
Universal and Commercial Banks	1,415	1,291	1,133	1,022	887	603	599	659	717	620
Thrift Banks	388	401	410	410	360	302	284	369	435	307
Rural and Cooperative Banks	16	20	22	13	13	13	13	1	1	1
City of Malabon	440	418	402	385	326	259	240	246	271	201
Universal and Commercial Banks	367	348	307	302	267	196	174	182	203	149
Thrift Banks	74	70	95	84	59	63	66	64	68	52
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	.	.
City of Navotas	119	112	120	122	102	73	67	78	94	63
Universal and Commercial Banks	96	98	104	106	89	64	57	67	*	*
Thrift Banks	21	13	14	15	13	9	8	9	*	*
Rural and Cooperative Banks	1	1	1	1	1	1	1	1	*	*
City of Valenzuela	569	622	539	540	453	341	330	392	440	372
Universal and Commercial Banks	466	505	444	433	361	259	251	296	325	280
Thrift Banks	99	112	91	103	87	79	76	91	110	88
Rural and Cooperative Banks	4	5	4	4	6	3	3	4	5	4
City of Las Piñas	569	556	507	623	658	549	370	376	675	563
Universal and Commercial Banks	415	392	299	457	460	407	249	249	219	185
Thrift Banks	129	146	170	142	172	140	119	124	453	376
Rural and Cooperative Banks	24	19	38	24	25	2	2	2	3	2

Table 16.7 - concluded

(in million Pesos)

City/Municipality/ Type of Bank	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 <sup>1/</sup>
City of Makati	53,151	46,308	42,038	43,945	43,186	35,514	35,663	41,228	44,452	38,546
Universal and Commercial Banks	47,807	41,439	37,305	39,284	38,482	31,736	31,819	37,296	39,461	34,647
Thrift Banks	4,647	4,062	3,775	4,115	4,154	3,235	3,298	3,881	4,810	3,777
Rural and Cooperative Banks	697	807	958	546	549	543	546	51	181	122
City of Muntinlupa	1,368	1,208	1,060	944	850	700	631	681	792	682
Universal and Commercial Banks	967	926	791	726	673	515	448	505	606	533
Thrift Banks	392	266	262	215	172	176	176	171	179	144
Rural and Cooperative Banks	9	16	8	4	4	8	7	6	7	5
City of Parañaque	1,355	1,221	1,318	1,335	1,358	1,148	1,149	1,125	1,432	1,196
Universal and Commercial Banks	994	901	955	1,017	1,070	869	899	884	1,165	985
Thrift Banks	360	320	362	318	288	279	250	241	266	210
Rural and Cooperative Banks	1	1	1	1	0	0	0	0	1	1
Pasay City	4,224	4,320	3,637	3,160	2,745	2,535	2,339	3,176	3,133	2,096
Universal and Commercial Banks	4,127	4,227	3,541	3,070	2,666	2,472	2,270	3,118	*	*
Thrift Banks	97	93	96	90	79	63	69	58	*	*
Rural and Cooperative Banks	-	-	-	-	-	0	0	0	*	*
Pateros	63	66	60	60	62	49	44	44	39	31
Universal and Commercial Banks	30	31	29	25	23	16	20	24	19	14
Thrift Banks	17	22	19	20	24	23	18	16	14	13
Rural and Cooperative Banks	16	13	13	16	15	11	5	4	6	4
Taguig City	284	315	686	1,062	1,393	1,861	2,228	2,662	3,139	2,793
Universal and Commercial Banks	235	274	615	1,002	1,353	1,737	2,066	2,503	2,940	2,527
Thrift Banks	38	38	69	52	39	71	109	139	176	245
Rural and Cooperative Banks	11	3	2	8	2	52	52	20	23	20

Table 16.8

**MICROFINANCE STATISTICS BY QUARTER, NCR: 2013-2017**

<b>Year/ Quarter</b>	<b>Number of Banks</b>	<b>Amount of Loans Outstanding (in millions)</b>	<b>Number of Borrowers</b>	<b>Savings Component (in millions)</b>
<b>2013</b>				
1st Quarter	20	488.54	17,227	62.29
2nd Quarter	21	629.14	17,602	60.50
3rd Quarter	21	636.82	18,386	67.38
4th Quarter	21	658.70	19,043	97.08
<b>2014</b>				
1st Quarter	21	833.54	21,149	78.40
2nd Quarter	21	923.42	24,973	79.39
3rd Quarter	20	916.13	26,971	90.36
4th Quarter	20	2,049.81	36,421	83.84
<b>2015</b>				
1st Quarter	20	2,148.61	32,495	100.07
2nd Quarter	19	801.59	35,285	118.71
3rd Quarter	17	399.86	31,261	85.55
4th Quarter	17	367.12	31,066	90.80
<b>2016</b>				
1st Quarter	17	399.76	31,296	98.01
2nd Quarter	16	452.47	30,049	101.47
3rd Quarter	16	484.17	29,782	105.46
4th Quarter	17	630.39	30,423	119.30
<b>2017</b>				
1st Quarter	17	578.43	19,965	123.74
2nd Quarter	16	597.79	19,213	129.09
3rd Quarter	18	768.26	26,325	137.79
4th Quarter	17	909.84	27,595	126.10

Source: *Bangko Sentral ng Pilipinas*

Table 16.9

**NUMBER OF ON-SITE AND OFF-SITE AUTOMATIC TELLER MACHINE BY CITY/MUNICIPALITY, BY TYPE OF BANK, AND BY YEAR, NCR: 2013-2017**

City/Municipality/ Type of Bank	2015			2016			2017			2018		
	Total	On-Site	Off-Site									
<b>NCR</b>	<b>7,097</b>	<b>3,861</b>	<b>3,236</b>	<b>7,669</b>	<b>4,233</b>	<b>3,436</b>	<b>7,989</b>	<b>4,423</b>	<b>3,566</b>	<b>8,210</b>	<b>4,575</b>	<b>3,635</b>
<b>Universal and Commercial Banks</b>	<b>6,266</b>	<b>3,429</b>	<b>2,837</b>	<b>6,838</b>	<b>3,791</b>	<b>3,047</b>	<b>7,184</b>	<b>4,005</b>	<b>3,179</b>	<b>7,412</b>	<b>4,122</b>	<b>3,290</b>
<b>Thrift Banks</b>	<b>811</b>	<b>412</b>	<b>399</b>	<b>809</b>	<b>420</b>	<b>389</b>	<b>782</b>	<b>395</b>	<b>387</b>	774	429	345
<b>Rural and Cooperative Banks</b>	<b>20</b>	<b>20</b>	<b>-</b>	<b>22</b>	<b>22</b>	<b>-</b>	<b>23</b>	<b>23</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>24</b>
City of Manila	1,126	606	520	1,216	676	540	1,234	701	533	1,231	704	527
Universal and Commercial Banks	989	548	441	1,075	613	462	1,103	643	460	1,111	637	474
Thrift Banks	137	58	79	140	62	78	130	57	73	119	66	53
Rural and Cooperative Banks	-	-	-	1	1	-	1	1	-	1	1	-
City of Mandaluyong	379	175	204	409	194	215	410	200	210	414	204	210
Universal and Commercial Banks	337	158	179	367	176	191	371	184	187	376	188	188
Thrift Banks	40	15	25	40	16	24	37	14	23	36	14	22
Rural and Cooperative Banks	2	2	-	2	2	-	2	2	-	2	2	-
City of Marikina	154	101	53	161	106	55	175	113	62	183	115	68
Universal and Commercial Banks	130	82	48	136	87	49	151	95	56	159	97	62
Thrift Banks	23	18	5	25	19	6	24	18	6	24	18	6
Rural and Cooperative Banks	1	1	-	-	-	-	-	-	-	-	-	-
City of Pasig	450	284	166	497	310	187	520	324	196	547	340	207
Universal and Commercial Banks	401	250	151	451	277	174	477	294	183	499	307	192
Thrift Banks	47	32	15	44	31	13	41	28	13	46	31	15
Rural and Cooperative Banks	2	2	-	2	2	-	2	2	-	2	2	-
Quezon City	1,752	892	860	1,865	985	880	1,918	1,019	899	1,920	1,035	885
Universal and Commercial Banks	1,557	807	750	1,673	901	772	1,737	943	794	1,746	950	796
Thrift Banks	195	85	110	191	83	108	180	75	105	173	84	89
Rural and Cooperative Banks	-	-	-	1	1	-	1	1	-	1	1	-

Source: Bangko Sentral ng Pilipinas

Note: "-" means 0

Table 16.9 - continued

City/Municipality/ Type of Bank	2015			2016			2017			2018		
	Total	On-Site	Off-Site									
City of San Juan	159	118	41	173	129	44	178	133	45	192	144	48
Universal and Commercial Banks	144	109	35	158	119	39	162	123	39	170	128	42
Thrift Banks	15	9	6	15	10	5	16	10	6	22	16	6
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-	-	-
Caloocan City	212	127	85	225	136	89	243	146	97	254	148	106
Universal and Commercial Banks	158	97	61	170	105	65	188	114	74	199	117	82
Thrift Banks	54	30	24	54	30	24	54	31	23	54	30	24
Rural and Cooperative Banks	-	-	-	1	1	-	1	1	-	1	1	-
City of Malabon	76	47	29	82	50	32	82	50	32	85	52	33
Universal and Commercial Banks	63	38	25	68	40	28	68	40	28	71	42	29
Thrift Banks	13	9	4	14	10	4	14	10	4	14	10	4
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-	-	-
City of Navotas	31	26	5	34	28	6	37	30	7	38	31	7
Universal and Commercial Banks	27	23	4	30	25	5	33	27	6	33	27	6
Thrift Banks	4	3	1	4	3	1	4	3	1	5	4	1
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-	-	-
City of Valenzuela	128	79	49	147	86	61	169	98	71	180	101	79
Universal and Commercial Banks	111	67	44	130	73	57	151	85	66	164	90	74
Thrift Banks	17	12	5	17	13	4	18	13	5	16	11	5
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-	-	-
City of Las Piñas	177	104	73	192	108	84	198	107	91	206	108	98
Universal and Commercial Banks	149	84	65	164	89	75	170	89	81	180	91	89
Thrift Banks	27	19	8	27	18	9	27	17	10	24	15	9
Rural and Cooperative Banks	1	1	-	1	1	-	1	1	-	2	2	-

Table 16.9 - concluded

City/Municipality/ Type of Bank	2015			2016			2017			2018		
	Total	On-Site	Off-Site									
City of Makati	1,032	648	384	1,072	689	383	1,095	707	388	1,110	732	378
Universal and Commercial Banks	932	590	342	980	632	348	1,007	656	351	1,022	677	345
Thrift Banks	96	54	42	87	52	35	83	46	37	83	50	33
Rural and Cooperative Banks	4	4	-	5	5	-	5	5	-	5	5	-
City of Muntinlupa	296	141	155	324	151	173	349	165	184	366	171	195
Universal and Commercial Banks	256	119	137	284	130	154	306	143	163	324	148	176
Thrift Banks	40	22	18	40	21	19	43	22	21	42	23	19
Rural and Cooperative Banks	-	-	-	-	-	-	-	-	-	-	-	-
City of Parañaque	391	195	196	446	222	224	501	239	262	513	248	265
Universal and Commercial Banks	354	174	180	409	201	208	463	218	245	473	225	248
Thrift Banks	36	20	16	37	21	16	37	20	17	39	22	17
Rural and Cooperative Banks	1	1	-	-	-	-	1	1	-	1	1	-
Pasay City	349	124	225	383	141	242	392	145	247	431	157	274
Universal and Commercial Banks	316	116	200	348	132	216	360	138	222	399	147	252
Thrift Banks	32	7	25	34	8	26	31	6	25	31	9	22
Rural and Cooperative Banks	1	1	-	1	1	-	1	1	-	1	1	-
Pateros	15	12	3	19	16	3	21	17	4	25	19	6
Universal and Commercial Banks	11	8	3	15	12	3	16	12	4	19	13	6
Thrift Banks	3	3	-	3	3	-	4	4	-	5	5	-
Rural and Cooperative Banks	1	1	-	1	1	-	1	1	-	1	1	-
Taguig City	370	182	188	424	206	218	467	229	238	515	266	249
Universal and Commercial Banks	331	159	172	380	179	201	421	201	220	467	238	229
Thrift Banks	32	16	16	37	20	17	39	21	18	41	21	20
Rural and Cooperative Banks	7	7	-	7	7	-	7	7	-	7	7	-





## Chapter 17 **Public Order and Safety**

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Data on public order, safety and justice reflect the effectiveness, efficiency and fairness in the administration and enforcement of laws. The basic goal of the government is to establish a peaceful, stable and just environment conducive to national growth and development. A society where peace, order and law prevail is not only a goal or a vision. It forms one of the pillars of man's basic rights. Development that is not coupled with order, safety and justice contribute to the degradation of society. The effects of public order, safety and justice in national well-being and in every fiber of the social and economic lives of individuals are priority concerns of governance. In this light, an information system that generates timely and reliable data becomes necessary tool in the administration of justice and enforcement of laws as well as to aid legislation.

This chapter presents regional data on crimes, number of policemen and firemen, and fire incidences, including deaths, injuries and property damages. The sources of data are the Philippine National Police for data on crimes and law enforcers and the Bureau of Fire Protection-NCR for fire incidences and fire personnel.

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Table 17.1

**NUMBER OF CRIME INCIDENCE, CRIME RATE, CRIME SOLVED AND SOLUTION RATE BY YEAR, AND BY PHILIPPINE NATIONAL POLICE OFFICE, NCR: 2012 - 2016**

Year/ Philippine National Police Office	Total	Crime Rate	Crime Incidence				Crimes Solved	Solution Rate
			Index	Crime Rate	Non-Index	Crime Rate		
<b>2012</b>								
<b>NCR</b>	<b>56,978</b>	<b>39.8</b>	<b>37,920</b>	<b>26.5</b>	<b>19,058</b>	<b>13.3</b>	<b>23,745</b>	<b>41.7</b>
Manila Police District	14,969	94.0	9,911	62.2	5,058	31.8	7,610	50.8
Quezon City Police District	14,071	50.6	9,819	35.3	4,252	15.3	4,980	35.4
Southern Police District	15,240	32.6	9,786	20.9	5,454	11.7	5,732	37.6
Northern Police District	7,781	22.6	5,070	14.7	2,711	7.9	3,196	41.1
Eastern Police District	4,917	27.1	3,334	18.4	1,583	8.7	2,227	45.3
<b>2013</b>								
<b>NCR</b>	<b>85,437</b>	<b>107.5</b>	<b>49,938</b>	<b>34.4</b>	<b>35,499</b>	<b>73.0</b>	<b>35,980</b>	<b>42.1</b>
Manila Police District	19,402	138.8	12,637	62.4	6,765	76.4	8,583	44.2
Quezon City Police District	22,588	99.4	13,850	41.0	8,738	58.4	7,725	34.2
Southern Police District	23,344	129.0	13,164	33.3	10,180	95.7	9,648	41.3
Northern Police District	10,342	54.6	4,713	14.5	5,629	40.2	4,805	46.5
Eastern Police District	9,761	134.4	5,574	29.5	4,187	104.9	5,219	53.5
<b>2014</b>								
<b>NCR</b>	<b>150,867</b>	<b>98.4</b>	<b>50,372</b>	<b>32.8</b>	<b>100,495</b>	<b>65.5</b>	<b>70,004</b>	<b>46.4</b>
Manila Police District	22,778	106.6	10,779	50.4	11,999	56.1	6,410	28.1
Quezon City Police District	40,433	113.2	15,526	43.5	24,907	69.7	11,166	27.6
Southern Police District	49,306	117.9	12,699	30.4	36,607	87.6	30,323	61.5
Northern Police District	18,202	52.8	5,869	17.0	12,333	35.7	9,130	50.2
Eastern Police District	20,148	100.9	5,499	27.5	14,649	73.3	12,975	64.4
<b>2015</b>								
<b>NCR</b>	<b>152,368</b>	<b>97.5</b>	<b>31,900</b>	<b>20.4</b>	<b>120,468</b>	<b>77.1</b>	<b>75,733</b>	<b>49.7</b>
Manila Police District	23,518	108.0	6,784	31.1	16,734	76.8	6,086	25.9
Quezon City Police District	49,061	134.7	11,172	30.7	37,889	104.1	16,384	33.4
Southern Police District	40,426	94.9	5,018	11.8	35,408	83.1	31,240	77.3
Northern Police District	16,780	47.7	4,233	12.0	12,547	35.7	7,747	46.2
Eastern Police District	22,583	110.9	4,693	23.1	17,890	87.9	14,276	63.2
<b>2016</b>								
<b>NCR</b>	<b>141,844</b>	<b>89.1</b>	<b>21,681</b>	<b>13.6</b>	<b>120,163</b>	<b>75.4</b>	<b>87,582</b>	<b>61.7</b>
Manila Police District	21,676	97.7	4,162	18.8	17,514	78.9	8,654	0.4
Quezon City Police District	40,291	108.6	6,657	17.9	33,634	90.7	18,143	0.5
Southern Police District	39,599	91.2	3,849	8.9	35,750	82.4	32,398	0.8
Northern Police District	17,209	48.0	3,843	10.7	13,366	37.3	9,887	0.6
Eastern Police District	23,069	111.2	3,170	15.3	19,899	95.9	18,500	0.8

Source: Philippine National Police

Table 17.2

**REPORTED INDEX CRIMES BY YEAR, BY PHILIPPINE NATIONAL POLICE OFFICE, AND BY TYPE OF CRIME, NCR: 2012 - 2016**

Year/ Philippine National Police Office	Total Index Crimes	Crimes vs. Property			Crimes vs. Person			
		Robbery	Theft	Carnapping	Murder	Homicide	Physical Injury	Rape
<b>2012</b>								
<b>NCR</b>	<b>37,920</b>	<b>10,452</b>	<b>13,999</b>	<b>2,613</b>	<b>820</b>	<b>395</b>	<b>9,098</b>	<b>543</b>
Manila Police District	9,911	2,957	3,975	412	68	28	2,360	111
Quezon City Police District	9,819	2,899	3,643	526	245	163	2,229	114
Southern Police District	9,786	2,498	3,825	899	243	91	2,098	132
Northern Police District	5,070	1,278	1,529	297	182	81	1,594	109
Eastern Police District	3,334	820	1,027	479	82	32	817	77
<b>2013</b>								
<b>NCR</b>	<b>49,938</b>	<b>13,536</b>	<b>20,046</b>	<b>3,209</b>	<b>710</b>	<b>461</b>	<b>10,651</b>	<b>1,325</b>
Manila Police District	12,637	3,951	5,214	565	251	123	2,391	142
Quezon City Police District	13,850	4,051	5,425	997	117	159	2,837	264
Southern Police District	13,164	3,133	5,691	986	165	112	2,716	361
Northern Police District	4,713	1,041	1,523	257	96	27	1,457	312
Eastern Police District	5,574	1,360	2,193	404	81	40	1,250	246
<b>2014</b>								
<b>NCR</b>	<b>50,372</b>	<b>12,034</b>	<b>22,083</b>	<b>3,286</b>	<b>855</b>	<b>655</b>	<b>10,352</b>	<b>1,107</b>
Manila Police District	10,779	3,235	4,570	581	39	229	1,961	164
Quezon City Police District	15,526	3,783	7,413	790	192	180	2,977	191
Southern Police District	12,699	2,640	6,054	979	260	141	2,314	311
Northern Police District	5,869	1,125	1,643	472	273	63	2,014	279
Eastern Police District	5,499	1,251	2,403	464	91	42	1,086	162
<b>2015</b>								
<b>NCR</b>	<b>31,900</b>	<b>6,474</b>	<b>13,074</b>	<b>3,039</b>	<b>813</b>	<b>514</b>	<b>6,717</b>	<b>1,269</b>
Manila Police District	6,784	1,711	2,672	551	111	163	1,392	184
Quezon City Police District	11,172	2,226	4,986	1,007	207	77	2,361	308
Southern Police District	5,018	742	1,933	577	151	176	1,139	300
Northern Police District	4,233	848	1,197	526	271	50	1,022	319
Eastern Police District	4,693	947	2,286	378	73	48	803	158
<b>2016</b>								
<b>NCR</b>	<b>21,681</b>	<b>3,603</b>	<b>8,059</b>	<b>1,538</b>	<b>1,976</b>	<b>577</b>	<b>4,830</b>	<b>1,098</b>
Manila Police District	4,162	776	1,588	261	263	36	1,039	199
Quezon City Police District	6,657	1,391	2,860	491	325	21	1,371	198
Southern Police District	3,849	473	1,299	291	495	249	789	253
Northern Police District	3,843	470	831	312	693	194	1,031	312
Eastern Police District	3,170	493	1,481	183	200	77	600	136

Source: Philippine National Police

Table 17.3

**CRIME ENVIRONMENT BASED ON CRIME INCIDENTS RECORDED IN THE NATIONAL CAPITAL REGION POLICE OFFICE BY TYPE OF CRIME, AND BY YEAR: 2012 - 2017**

Type of Crime	2012	2013	2014	2015	2016	2017
<b>CRIME VOLUME</b> from PNP blotter	<b>56,978</b>	<b>155,790</b>	<b>150,867</b>	<b>152,368</b>	<b>141,844</b>	<b>141,338</b>
Average Monthly Index Crime Rate (AMICR)	25.7	33.2	32.8	20.4	13.6	11.1
Average Monthly Crime Rate (AMCR)	38.6	103.5	98.4	97.5	89.1	88.4
Crime Clearance Efficiency (CCE)	57.0	75.9	76.9	78.9	82.9	86.4
Crime Solution Efficiency (CSE)	41.7	62.0	57.5	57.9	62.0	64.3
<b>INDEX CRIME VOLUME</b>	<b>37,920</b>	<b>49,906</b>	<b>50,372</b>	<b>31,900</b>	<b>21,681</b>	<b>17,788</b>
Index Crime Clearance Efficiency (ICCE)	47.3	48.3	46.5	54.5	60.7	65.1
Index Crime Solution Efficiency (ICSE)	33.4	33.3	30.3	39.2	45.4	47.6
<b>CRIME AGAINST PERSON</b>	<b>10,856</b>	<b>13,115</b>	<b>12,969</b>	<b>9,313</b>	<b>8,481</b>	<b>7,305</b>
Murder	820	710	855	813	1,976	1,514
Homicide	395	477	655	514	577	423
Physical Injury	9,098	10,603	10,352	6,717	4,830	4,462
Rape	543	1,325	1,107	1,269	1,098	906
<b>CRIME AGAINST PROPERTY</b>	<b>27,064</b>	<b>36,791</b>	<b>37,403</b>	<b>22,587</b>	<b>13,200</b>	<b>10,483</b>
Robbery	10,452	13,536	12,034	6,474	3,603	3,025
Theft	13,999	20,046	22,083	13,074	8,059	6,454
Carjacking	2,613	3,209	3,286	3,039	1,538	1,004
Castle Rustling	-	-	-	-	-	-
<b>NON-INDEX CRIME VOLUME</b>	<b>19,058</b>	<b>105,884</b>	<b>100,495</b>	<b>120,468</b>	<b>120,163</b>	<b>123,550</b>
RIR-Homicide	-	-	388	510	408	403
RIR-Physical Injury	-	-	10,371	15,246	14,109	14,173
RIR-Damage to Property	-	-	54,343	72,959	75,207	81,240
Violation of Special Laws	7,596	16,695	16,216	16,446	18,350	14,988
Other Non-Index Crimes	11,462	89,189	19,177	15,307	12,089	12,746

Source: Philippine National Police

Note: "-" means no data

Table 17.4

**NUMBER OF FIRE PERSONNEL BY FIRE DISTRICT, BY YEAR, AND BY SEX, NCR: 2015 - 2017**

Fire District	2015			2016			2017		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>NCR</b>	<b>3,304</b>	<b>2,399</b>	<b>905</b>	<b>3,207</b>	<b>2,292</b>	<b>915</b>	<b>3,232</b>	<b>2,294</b>	<b>939</b>
<b>ORD-NCR</b>	<b>375</b>	<b>246</b>	<b>129</b>	<b>268</b>	<b>166</b>	<b>102</b>	<b>244</b>	<b>145</b>	<b>99</b>
<b>Fire District I</b>	<b>484</b>	<b>374</b>	<b>110</b>	<b>475</b>	<b>360</b>	<b>115</b>	<b>451</b>	<b>330</b>	<b>121</b>
<b>Fire District II</b>	<b>509</b>	<b>403</b>	<b>106</b>	<b>510</b>	<b>398</b>	<b>112</b>	<b>533</b>	<b>409</b>	<b>124</b>
FD-II Headquarters	29	20	9	29	20	9	29	19	10
Caloocan City FStn	151	124	27	164	127	37	172	135	37
Malabon FStn	85	65	20	84	64	20	84	64	20
Navotas FStn	73	63	10	72	61	11	78	63	15
Valenzuela FStn	171	131	40	161	126	35	170	128	42
<b>Fire District III</b>	<b>738</b>	<b>526</b>	<b>212</b>	<b>717</b>	<b>510</b>	<b>207</b>	<b>726</b>	<b>520</b>	<b>206</b>
FD-III Headquarters	42	26	16	40	28	12	34	21	13
Pasay City FStn	97	74	23	91	68	23	97	70	27
Makati City FStn	283	193	90	282	193	89	285	199	86
Parañaque City FS	94	67	27	88	61	27	85	61	24
Las Piñas FStn	94	71	23	91	68	23	97	72	25
Muntinlupa FStn	128	95	33	125	92	33	128	97	31
<b>Fire District IV</b>	<b>647</b>	<b>442</b>	<b>205</b>	<b>639</b>	<b>433</b>	<b>206</b>	<b>688</b>	<b>477</b>	<b>211</b>
FD-IV Headquarters	50	28	22	48	30	18	43	25	18
Marikina City FStn	106	80	26	110	79	31	125	91	34
Pasig City FStn	113	86	27	111	80	31	126	92	34
Pateros FStn	51	37	14	55	36	19	48	33	15
Taguig FStn	120	73	47	114	72	42	131	82	49
Mandaluyong FStn	108	77	31	105	76	29	109	83	26
San Juan FStn	99	61	38	96	60	36	106	71	35
<b>Quezon City Fire District</b>	<b>551</b>	<b>408</b>	<b>143</b>	<b>598</b>	<b>425</b>	<b>173</b>	<b>591</b>	<b>413</b>	<b>178</b>

Source: Bureau of Fire Protection

Table 17.5

**NUMBER OF FIRE INCIDENCE, DEATH, INJURY AND AMOUNT OF DAMAGE BY CITY/MUNICIPALITY, AND BY YEAR, NCR: 2012 - 2017**

City/Municipality	2014				2015			
	Incidence	Death	Injury	Amount of Damages (in '000 Pesos)	Incidence	Death	Injury	Amount of Damages (in '000 Pesos)
<b>NCR</b>	<b>4,563</b>	<b>75</b>	<b>302</b>	<b>458,959</b>	<b>4,374</b>	<b>157</b>	<b>339</b>	<b>606,827</b>
City of Manila	623	17	68	98,955	470	8	72	251,051
City of Mandaluyong	130	1	6	3,887	142	-	5	8,899
City of Marikina	251	1	1	1,886	227	2	8	2,094
City of Pasig	149	2	5	65,224	174	4	12	44,363
Quezon City	1,043	9	75	91,807	1,023	23	91	53,127
City of San Juan	55	2	3	14,470	19	1	9	6,823
Caloocan City	287	8	19	23,461	353	10	31	27,088
City of Malabon	124	8	17	9,689	150	3	21	9,453
City of Navotas	68	-	11	29,366	67	-	5	11,510
City of Valenzuela	436	1	2	31,410	389	83	5	96,287
City of Las Piñas	281	6	13	7,715	288	2	18	6,529
City of Makati	302	4	18	10,770	350	9	35	14,955
City of Muntinlupa	177	1	7	31,766	124	2	12	9,312
City of Parañaque	203	2	1	10,664	187	4	4	41,902
Pasay City	166	8	12	8,028	126	4	6	11,758
Pateros	25	-	-	1,552	38	-	2	2,269
Taguig City	243	5	44	18,310	247	2	3	9,408

Source: Bureau of Fire Protection

Note: "-" means 0

Table 17.5 - concluded

City/Municipality	2016				2017			
	Incidence	Death	Injury	Amount of Damages (in '000 Pesos)	Incidence	Death	Injury	Amount of Damages (in '000 Pesos)
<b>NCR</b>	<b>5,121</b>	<b>157</b>	<b>339</b>	<b>2,671,010</b>	<b>4,646</b>	<b>105</b>	<b>236</b>	<b>462,159</b>
City of Manila	770	8	72	112,829	726	22	31	89,164
City of Mandaluyong	134	-	5	16,237	128	-	11	1,761
City of Marikina	265	2	8	1,395	277	-	14	3,078
City of Pasig	219	4	12	73,365	147	11	22	111,216
Quezon City	1,246	23	91	123,421	1,050	12	38	28,544
City of San Juan	54	1	9	2,071,700	68	-	11	17,311
Caloocan City	418	10	31	29,281	378	3	25	15,692
City of Malabon	128	3	21	6,656	114	1	10	5,519
City of Navotas	78	-	5	2,699	96	1	11	2,802
City of Valenzuela	460	83	5	32,157	434	-	6	39,858
City of Las Piñas	65	2	12	84,646	186	1	9	5,918
City of Makati	363	9	35	10,414	345	8	13	5,752
City of Muntinlupa	252	2	18	53,037	77	1	-	55,755
City of Parañaque	220	4	4	14,604	235	2	3	6,559
Pasay City	142	4	6	4,198	98	41	14	64,123
Pateros	42	-	2	2,607	32	-	-	355
Taguig City	265	2	3	31,762	255	2	18	8,752



## Chapter 18 **Science and Technology**

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The use of data pertaining to region's science and technology area is to further strengthen competitiveness in developing scientific products for domestic consumption and for global competition. Policies and projects in line with this will include statistical data to help policy makers improve science and technology department.

This chapter presents data on the number of Research and Development (R & D) personnel and the Research and Development Expenditures (RDE) in the Philippines and NCR, as well as the ratio of RDE to total income of NCR. The source of data is Department of Science and Technology.

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Table 18.1

**NUMBER OF RESEARCH AND DEVELOPMENT PERSONNEL BY SECTOR OF PERFORMANCE, AND BY YEAR, NCR: 2002, 2003, 2005, 2007, 2009 AND 2013**

Sector of Performance	2002	2003	2005	2007	2009	2011	2013
<b>TOTAL</b>	<b>3,026</b>	<b>5,001</b>	<b>3,650</b>	<b>3,538</b>	<b>3,412</b>	<b>3,786</b>	<b>13,107</b>
Government	1,658	2,032	2,022	1,626	1,662	1,569	2,019
Higher Education	1,173	1,303	1,493	1,800	1,601	2,217	2,197
Public	695	970	583	842	927	1,239	1,406
Private	478	333	910	958	674	882	791
Private Non-Profit Institution	195	259	135	112	149	96	193
Private Industry	-	1,407	-	-	-	-	8,698

Source: Department of Science and Technology

Note: '-' means no data available

Table 18.2

**NUMBER OF RESEARCHERS BY SECTOR OF PERFORMANCE, AND BY YEAR, NCR: 2011 AND 2013**

Sector of Performance	2011	2013
<b>TOTAL</b>	<b>5,560</b>	<b>9,607</b>
Government	1,508	1,486
Higher Education	1,987	2,031
Public	1,108	1,286
Private	879	745
Private Non-Profit Institution	78	154
Private Industry	-	5,393

Source: Department of Science and Technology

Table 18.3

**RESEARCH AND DEVELOPMENT EXPENDITURES BY SECTOR OF PERFORMANCE, AND BY YEAR, NCR: 2002, 2003, 2005, 2007, 2009, 2011 AND 2013**

(in thousand Pesos)

Sector of Performance	2002	2003	2005	2007	2009	2011	2013
<b>TOTAL</b>	<b>941,600</b>	<b>2,197,566</b>	<b>3,377,767</b>	<b>3,547,510</b>	<b>3,844,833</b>	<b>7,390,700</b>	<b>8,068,935</b>
Government	514,725	596,779	614,898	926,362	879,069	1,108,087	2,334,740
Higher Education	341,842	280,602	752,732	655,021	750,768	2,500,270	3,513,057
State	266,988	193,012	557,317	399,976	495,751	1,952,563	3,065,714
Private	74,854	87,590	195,415	255,045	255,017	547,707	447,343
Private Non-Profit	85,033	77,577	43,181	52,874	59,925	29,174	110,023
Private Industry	-	1,242,608	1,966,957	1,913,254	2,155,071	3,753,169	2,111,115

Source: Department of Science and Technology

Note: '-' means no data available

Table 18.4

**RESEARCH AND DEVELOPMENT INTENSITY, NCR: 2007, 2009, 2011 AND 2013**

Item	2007	2009	2011	2013
R & D Expenditures (P '000,000)	3,548	3,845	7,391	8,069
Regional GDP (P '000,000)	2,478,945	2,813,802	3,461,448	4,290,630
RDE/RGDP (%)	0.14	0.14	0.21	0.19

Source: Department of Science and Technology



# **A P P E N D I X**

## GLOSSARY OF TERMS

### POPULATION AND HOUSING

**Age Dependency Ratio** is the ratio of persons in the “dependent” ages (generally under age 15 and over age 64) to those in the “economically productive” or “working” ages (15-64 years) in the population.

**Young dependency ratio** is the ratio of persons in the young dependent ages (under 15 years old) to persons in working ages (15 to 64 years).

**Old dependency ratio** is the ratio of persons in the old dependent ages (over 64 years) to persons in the working ages (15 to 64 years).

**Ethnicity** refers to the household member's identity, by blood and not by choice nor by adoption/confirmation for any ethnic group, primarily the Indigenous Peoples (IPs).

**Household Population** is the population enumerated in private household during a census.

**Housing Unit** is a structurally separate and independent place of abode, which, by the way it has been constructed, converted or arranged, is intended for habitation by one household. Structures or parts of structures which are not intended for habitation such as commercial, industrial, and cultural buildings or natural and man-made shelters such as caves, boats, abandoned trucks, culverts, and others, but which are used as living quarters by households.

**Human Development Index** is a measure of the average achievement in a country in three basic dimensions of human development: longevity or a long and healthy life, access to knowledge, and a decent standard of living.

**Life Expectancy at Birth** indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life (United Nations Population Department).

**Marital Status** is a status of an individual in relation to marriage, classified as follows: a) Single – A person who has never been married; b) Married - A couple living together as husband and wife, legally or consensually; c) Divorced - A person whose bond of matrimony has been dissolved legally and who therefore can remarry; d) Separated - A person separated legally or not from his/her spouse because of marital discord or misunderstanding; and e) Widowed - A person whose bond of matrimony has been dissolved by death of his/her spouse.

**Medium Assumption** is the moderate fertility decline and moderate mortality decline.

**Migration** is the movement of people across a specific boundary for the purpose of establishing a new or semi-permanent residence. Two distinct types are international migration (migration between countries) and internal migration (migration within a country).

**Population** is the total number of individuals in a territory at a specified time.

**Population Density** refers to the number of persons per unit of land area (usually in square kilometers).

**Population Distribution** is the patterns of settlement and dispersal of a population.

**Population Projections** is the computation of future changes in population numbers, given certain assumptions about future trends in the rates of fertility, mortality and migration. Demographers often publish high, medium, and low projections of the same population based on different assumptions of how these rates will change in the future.

**Sex Ratio** is the number of males per 100 females in a population.

**Total Fertility Rate** is the average number of children that would be born alive to a woman (or group of women) during her lifetime if she were to pass through her childbearing years conforming to the age specific fertility rates of a given time period.

## **INCOME AND PRICES**

**Constant Prices**, Value at refers to valuation of transactions, wherein the influence of price changes from the base year to the current year has been removed.

**Current Prices**, Value at is the value based on prices during the reference year; nominal year.

**Consumer Price Index (CPI)** is an indicator of the change in the average retail prices of a fixed basket of goods and services commonly purchased by households relative to a base year.

**Food threshold** is the minimum income required for a family/individual to meet the basic food needs, which satisfies the nutritional requirements for economically necessary and socially desirable physical activities.

**Income gap** is the average income short fall, expressed in proportion to the poverty threshold, of families/individuals with income below the poverty threshold.

**Inflation rate** is the annual rate of change or year-on-year change in the consumer price index, expressed in percent.

**Per Capita** – by each person.

**Poverty gap** is the total income shortfall (expressed in proportion to the poverty threshold) of families/individuals with income below the poverty threshold, divided by the total number of families/individuals.

**Poverty incidence** is the proportion of families/individuals with per capita income less than the per capita poverty threshold to the total number of families/individuals.

**Poverty threshold** is the minimum income/expenditure required for a family/individual to meet the basic food and non-food requirements.

**Purchasing Power of Peso (PPP)** is the equivalent value at base year prices of goods and services that a peso could buy at current prices.

**Severity of poverty** is the total of the squared income shortfall (expressed in proportion to the poverty threshold) of families/individuals with income below the poverty threshold, divided by the total number of families/individuals.

**Subsistence Incidence** is the proportion of families/individuals with per capita income/expenditure less than the per capita food threshold to the total number of families/individuals.

## **ECONOMIC ACCOUNTS**

**Gross Domestic Product (GDP)** measures the monetary value of final goods and services—that is, those that are bought by the final user—produced in a country in a given period of time (say a quarter or a year). It counts all of the output generated within the borders of a country.

**Gross Regional Domestic Product (GRDP)** is the aggregate of gross value added (GVA) of all resident producer units in the region.

**Gross Value Added (GVA)** is the value of output less the value of intermediate consumption; it is a measure of the contribution to GDP made by an individual producer, industry or sector. GVA is the source from which the primary incomes of the SNA are generated and is therefore carried forward into the primary distribution of income account.

**Growth rate** is the rate of increase/decrease in the level of a particular transaction.

**Implicit Price Index** is the price index derived as the ratio of a value over a volume index.

## **ENVIRONMENT AND NATURAL RESOURCES**

**Indigenous or native species** are those that is normally found as part of a particular ecosystem.

**Mangrove** is a term applied to the type of forest occurring on tidal flat along the seacoast, extending along streams where the water is brackish.

**Urban Forestry** is the establishment and management of forest in urban environment for physiological and psychological wellbeing of the people.

**Watershed** is a forest land reservation established to protect or improve the condition of the water yield thereof or reduce sedimentation.

## **AGRICULTURE AND FISHING**

**Aquaculture** refers to fishery operations involving all forms of raising and culturing fish and other fishery species in fresh, brackish and marine water areas.

**Commercial Fishing** is the catching of fish with the use of fishing boats with a capacity of more than three gross tons for trade, business or profit beyond subsistence or sports fishing.

**Cooperative** is an autonomous and duly registered association of persons, with a common bond of interest, who have voluntarily joined together to achieve social, economic, and cultural needs and aspirations by making equitable contributions to the capital required, patronizing their products and services and accepting a fair share of the risks and benefits of the undertaking in accordance with universally accepted cooperative principles.

**Municipal Fishing** is fishing within municipal waters using fishing vessels of three gross tons or less, fishing not requiring the use of fishing vessels.

## **ESTABLISHMENT CHARACTERISTICS: INDUSTRIAL SECTOR**

**Employment Grouping.** Enterprises are categorized by their number of employees:

- a) Micro, with employment of one to nine;
- b) Small, with employment 10 to 99;
- c) Medium, with employment 100 to 199; and
- d) Large, with employment 200 and over.

**Export** - all goods leaving the country, which are properly cleared through the Customs.

**Salary** refers to the basic pay for work performed by an employee paid on a monthly basis.

**Total Compensation** represents all financial and non-financial rewards and entitlements arising from employment relationship.

**Wage** refers to the basic pay for work performed by an employee paid on a daily or hourly basis.

**Value Added** represents the sum of census value added and value of non-industrial services done for others less the cost of non-industrial services done by others and other costs (except indirect taxes for banking institutions and financial intermediaries; and indirect taxes and interest expense for insurance).

**Value of Output** represents the total value of products sold, receipts from contract work and industrial services done for others, receipts from goods bought and sold in same conditions, fixed assets produced on own-account and change in inventories (ending less beginning of finished products, work-in process and goods for release).

## **TRADE**

**Air Trade Statistics** is a compilation of data on commodities carried through the air transport system.

**Water, or Coastwise Trade Statistics** is a compilation of data on commodities carried through the water transport system.

# TOURISM

**Average occupancy rate** is the ratio of the number of occupied rooms to the number of available rooms.

**Country of Residence** consists of the country where she/he has lived for most of the past year (12 months) or for a shorter period if she/he intends to return within 12 months to live there.

**Hotel** is a building, edifice or premises, or a completely independent part thereof, which is used for the regular reception, accommodation or lodging of travelers and tourist and the provision of services incidental thereto for a fee.

**Occupancy rate** is the percentage number of rooms sold to total number of rooms' available (excluding complimentary rooms, rooms occupied by hotel staff, and out-of-order rooms).

**Tourist** - visitor who stays one or more nights in the place visited.

**Visitor** is any person travelling to a place other than that of his/her usual environment for less than 12 months and whose main purpose of trip is other than the exercise of an activity remunerated from within the place visited.

**Visitor Arrivals** includes tourist, excursionists, aliens entering the country for a temporary stay not exceeding one year and for purposes other than immigration, permanent residence or employment for remuneration in the country and Filipino nationals residing permanently abroad on temporary stay in the Philippines not exceeding one year. This excludes the following: a) transit visitors and change-plan passengers who remain in the premises of the port of entry terminal; b) aliens with pre-arranged employment for remuneration in the Philippines, even if length of stay is less than 59 days; c) Filipinos living abroad, regardless of length of stay overseas who are not permanent residents abroad; d) immigrants or aliens with permanent residence in the Philippines; e) Filipino overseas contract workers on home visits; and f) returning residents of the Philippines.

**Visitor, Foreign** is a foreign national visiting the country as a tourist.

## VITAL, HEALTH AND NUTRITION

**Crude Birth Rate** refers to the number of live births per 1,000 mid-year population.

**Crude Death Rate** refers to the number of deaths per 1,000 mid-year population.

**Child mortality rate** is the probability of dying of ages 1 and 4, per 1,000 live births.

**Death** refers to the permanent disappearance of all evidence of life at any time after live birth has taken place (postnatal cessation function without capability of resuscitation).

**Fully immunized children** are infants who received one dose of BCG (Bacillus Calmette-Guerin), three doses of OPV (Oral Polio Vaccine), DPT (Diphtheria, Pertussis and Tetanus) and Hepatitis B vaccines, and one dose of measles vaccines before reaching one year of age.

**Infant mortality** refers to deaths of infants under one year of age.

**Infant mortality rate** refers to the number of infant deaths per 1,000 live births in a given year.

**Live birth** refers to the complete expulsion or extraction from its mother of a product of conception from its mother, irrespective of the duration of pregnancy, which after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut off or the placenta is still attached; each product of such births is considered liveborn.

**Maternal mortality ratio** is the number of women per 100,000 live births, who died from any cause related to pregnancy or its management during pregnancy, childbirth or within 42 days of pregnancy termination.

**Morbidity rate** is the incidence rate, or the prevalence of a disease or medical condition.

**Mortality rate** is a measure of the frequency of occurrence of death in a defined population during a specified interval.

**Operation Timbang (OPT)** is the annual weighing of all preschoolers 0-71 months old or below six years old in a community to identify and locate the malnourished.

## EDUCATION

**Basic or Simple Literacy** is the ability of a person to read and write with understanding a simple message in any language or dialect.

**Cohort Survival Rate** – Percentage of enrollees at the beginning grade or year in a given school year who reached the final grade or year of elementary/ secondary level.

**Completion Rate** is the percentage of grade/year 1 entrants who graduate in elementary/secondary education.

**Gender Parity Index (GPI)** is the ratio of the number of female students enrolled at primary or secondary levels of education to the number of male students in each level.

**Graduation Rate** is the percentage of pupil/student who completed the academic requirements for elementary, secondary or tertiary level in the current school year to the number of pupil/student enrolled in the terminal year of the level during the same school year.

**Gross Enrolment Ratio** is the total enrolment in a given level of education, regardless of age, as a percentage of the population which according to national regulations should be enrolled at this level, i.e., age 6-11 for elementary and 12-15 for secondary.

**Functional Literacy** is a significantly higher level of literacy which includes not only reading and writing skills but also numerical skills.

**Literacy rate** is the percentage of population which can read and write a simple message in any language or dialect.

**Mean Percentage Score (MPS)** indicates the ratio between the number of correctly answered items and the total number of test questions or the percentage of correctly answered items in a test.

**Net enrolment ratio** or **Participation Rate** is the ratio between the enrolment in the school-age range to the total population of that age range.

**Promotion Rate** is the percentage of pupils/students promoted to the next grade/year level in the following school year.

**School Leaver Rate** covers both pupils/students who do not finish a particular grade/year level as well as those who finish but fail to enroll in the next grade/year level as well as those who finish but fail to enroll in the next grade/year level the following school year.

# LABOR AND EMPLOYMENT

**Displaced worker** refers to workers in the formal and informal sectors who became unemployed, underemployed, or have lost their livelihood as a result of natural and man-made disasters.

**Employed** include all persons 15 years old and over as of their last birthday and during the basic survey reference period are reported as either:

- a) **At work.** Those who do any work even for one hour during the reference period for pay or profit, or work without pay on the farm or business enterprise operated by a member of the same household related by blood, marriage, or adoption;
- b) **With a job but not at work.** Those who have a job or business but are not at work because of temporary illness/injury, vacation, or other reasons. Likewise, persons who expect to report for work or to start operation of a farm or business enterprise within two weeks from the date of the enumerator's visit are considered employed.

**Employment rate** is the proportion of employed persons to total labor force.

**Labor Force** refers to population 15 years old and over who are either employed or unemployed in accordance with the definitions described below.

**Labor Force Participation Rate** is the proportion of total labor force to the total household population 15 years and over.

**Overseas Contract Workers** are presently and temporarily out of the country to fulfill an overseas work contract for a specific length of time or who are presently at home on vacation but still has an existing contract to work abroad. They may be land based or sea based.

**Overseas Filipino Worker** is a Filipino worker who is to be engaged, is engaged, or has been engaged in a remunerated activity in a country of which he/she is not a legal resident.

**Underemployed** include employed persons who express the desire to have additional hours of work in their present job or an additional job, or to have a new job with longer working hours.

**Underemployment Rate** is the percentage of the total number of underemployed persons to the total employed persons.

**Unemployed** include all persons who are 15 years old and over as of their last birthday and are reported as:

**a) without work**, had no job or business during the basic survey reference period; and currently available for work, i.e., were available and willing to take up work in paid employment or self-employment during the basic survey reference period, and/or would be available and willing to take up work in paid employment or self-employment within two weeks after the interview date; and

**b) seeking work**, had taken specific steps to look for a job or establish a business during the basic survey reference period; **or not seeking work due to the following reasons:** (i) tired/believe no work available, i.e., the discouraged workers who looked for work within the last six months prior to the interview date; (ii) awaiting results of previous job application; (iii) temporary illness/disability; (iv) bad weather; and (v) waiting for rehire/job recall.

**Unemployment Rate** is the percentage of the total number of unemployed persons to the total number of persons in the labor force.

## **SOCIAL SERVICES**

**Child abuse** refers to the maltreatment, whether habitual or not, of the child which includes any of the following:

- a) Psychological and physical abuse, neglect, cruelty, sexual abuse and emotional maltreatment;
  - b) Any act by deeds or words which debases, degrades or demeans the intrinsic worth and dignity of a child as a human being;
  - c) Unreasonable deprivation of his basic needs for survival, such as food and shelter; or
  - d) Failure to immediately give medical treatment to an injured child resulting in serious impairment of his growth and development or in his permanent incapacity or death.
- Abandoned Child refers to a child who has no proper parental care or guardianship, or whose parent(s) have deserted him/her for a period of at least three (3) continuous months.

**Acts of lasciviousness/attempted rape** is an act that are lascivious in nature, which include but are not limited to intentional touching, either direct or through clothing, of the genitalia, anus, groin, breast, inner thigh or buttocks; or the introduction of any object into the genitalia, anus or mouth of any child whether of the same or opposite sex with an intent to abuse, humiliate, harass, degrade, or arouse or gratify the sexual desire of any person; bestiality; masturbation; lascivious exhibition of the genital or pubic area of a person, etc.

**Battering** is an act of inflicting physical harm on a woman resulting to physical and psychological/ emotional distress preventing her from doing what she wishes or forcing her to behave in a manner that is unacceptable to her.

**Child Trafficking** is the act of trading or dealing with children, including but not limited to, the buying and selling of children for money, or for any other consideration, or barter.

**Disability** - refers to any restriction or lack of ability to perform an activity in the manner or within the range considered normal for human being. A person considered physically or mentally disabled if he has any of the following impairments:

- a) **Blindness** - if one eye or both eyes are reported totally blind and have no vision.
- b) **Deafness** - if one ear or both ears are reported to be incapable of hearing sounds or noises.
- c) **Mental Illness** - if the person suffers from schizophrenia, manic depressive illness, psychosis, or severe depression characterized by strange behavior.
- d) **Mental Retardation** - if the person has disorder/damage of the brain resulting in mental retardation.
- e) **Multiple Disability** - if the person is reported to have combination of two or more disabilities.

**Emotional abuse** is a form of abuse characterized by a person subjecting or exposing another to behavior that may result in anxiety, chronic disorder, or post-traumatic stress disorder.

**Illegal Recruitment** refers to victims who were recruited usually for a fee for various forms of local or foreign employment but ended up being victimized, i.e., no job placement were effected or who actually job-placed but under exploitative/oppressive conditions (low salaries, long hours of work, etc.) and have lost their jobs.

**Incest** is a sexual abuse committed against a child by a person who is related to her/him within fourth degree of consanguinity or affinity and who exercises influence, authority or moral ascendancy over her/him.

**Involuntary Prostitution** refers to victims who were recruited for various forms of employment such as receptionists, waitresses, entertainers, dancers, household help who are later on forced into prostitution.

**Pedophilia** is a psychiatric disorder in which an adult or older adolescent experiences a primary or exclusive sexual attraction to prepubescent children.

**Rape** is an act committed: by a man who shall have carnal knowledge of a child under any of the following circumstances: through force, threat or intimidation, when the child is deprived of reason, or otherwise unconscious, by means of fraudulent machination or grave abuse of authority and when the offended party is under 12 years of age or is demented, even though none of the circumstances mentioned above be present; by any person who shall commit an act of sexual assault by inserting the penis into a child's mouth or anal orifice, or any instrument, object, or any other part of the body such as fingers or toes into the genital or anal orifice of a child.

**Social Services** cover expenditures for education, health, social security, labor and employment, housing and community development and other social activities.

**Trafficking in Women** is the act of recruiting and transporting a woman within and across national borders for work or services by means of violence or threat of violence, abuse of authority or dominant position, debt-bondage, deception or other forms of coercion.

## **TRANSPORTATION AND COMMUNICATION**

**Motor Vehicles, Diplomatic** are vehicles owned by foreign governments or by their duly accredited diplomatic officials in the Philippines.

**Motor Vehicles, For Hire** are vehicles registered and authorized to be operated as public utility by virtue of certificate of public convenience or provisional authority issued by the Land Transportation Franchising and Regulatory Board (LTFRB).

**Motor Vehicles, Government** are vehicles owned by the Government of the Philippines or any of its political subdivisions.

**Motor Vehicles, Private** are vehicles registered not to be used for hire under any circumstances.

**Radio stations** – one or more transmitters or receivers or a combination of transmitters and receivers including the accessory equipment, necessary at one location for carrying on a radio communication service.

**Non-professional driver's license** is an official document authorizing a person to operate private vehicles in a private capacity, not for the purpose of earning compensation.

**Professional driver's** license is an official document authorizing a person to operate a private or public-utility vehicle for the purpose of earning compensation (e.g., operating a public utility jeep, or getting a job as a chauffeur).

## **ENERGY AND WATER RESOURCES**

**Gross Power Generation** – total generation of electricity by an electric power plant.

**Power plant** is an electric utility generating station.

## **PUBLIC ADMINISTRATION**

**City** - there are three classes of cities in the Philippines: the highly urbanized, the independent component cities which are independent of the province, and the component cities which are part of the provinces where they are located and subject to their administrative supervision.

**Excise Tax** - is a tax on the production, sale or consumption of a commodity in a country.

**Fatal injury means** a personal injury resulting in death of the injured person.

**Income Tax** is a tax on a person's income, emoluments, profits arising from property, practice of profession, conduct of trade or business or on the pertinent items of gross income specified in the Tax Code of 1997 (Tax Code), as amended, less the deductions and/or personal and additional exemptions, if any, authorized for such types of income, by the Tax Code, as amended, or other special laws.

**Municipality** is a political corporate body, which is endowed with the facilities of a municipal corporation, exercised by and through the municipal government in conformity with law. It is a subsidiary of the province, which consists of a number of barangays within its territorial boundaries, one of which is the seat of government found at the town proper (población).

**Nonfatal injury** is bodily harm resulting from severe exposure to an external force or substance (mechanical, thermal, electrical, chemical, or radiant) or a submersion.

**Percentage Tax** is a business tax imposed on persons or entities who sell or lease goods, properties or services in the course of trade or business whose gross annual sales or receipts do not exceed Php 1,500,000 and are not VAT-registered.

**Taxes on Property** are taxes imposed on the ownership of wealth or immovable properties and on the transfer of real or personal properties, both tangible and intangible.

**Value Added Tax** is a form of sales tax. It is a tax on consumption levied on the sale, barter, exchange or lease of goods or properties and services in the Philippines and on importation of goods into the Philippines.

## **MONEY AND BANKING**

**Rural and cooperative banks** are the more popular type of banks in the rural communities. Their role is to promote and expand the rural economy in an orderly and effective manner by providing the people in the rural communities with basic financial services.

**Thrift banking system** is composed of savings and mortgage banks, private development banks, stock savings and loan associations and microfinance thrift banks. Thrift banks are engaged in accumulating savings of depositors and investing them. They also provide short-term working capital and medium- and long-term financing to businesses engaged in agriculture, services, industry and housing, and diversified financial and allied services, and to their chosen markets and constituencies, especially small- and medium- enterprises and individuals.

**Universal and commercial banks** represent the largest single group, resource-wise, of financial institutions in the country. They offer the widest variety of banking services among financial institutions. In addition to the function of an ordinary commercial bank, universal banks are also authorized to engage in underwriting and other functions of investment houses, and to invest in equities of non-allied undertakings.

**Deposit liabilities** are money that people and companies have put into banks, and that the banks will have to pay back at some time in the future.

**Loan portfolio** are loans that have made or bought and are being held for repayment.

**Off-site Automatic Teller Machine (ATM)** is a machine set up on a standalone basis.

**On-site ATM** is set up I the premises where there is a bank branch.

**Total Operating Income** refers to the sum of Net Interest Income and Non-Interest Income.

**Interest Income** refers to interest earned and/or actually collected from the following financial assets: (a) Due from BSP, (b) Due from Other Banks, (c) Financial Assets HFT, (d) Financial Assets DFPVPL, (e) AFS Financial Assets, (f) HTM Financial Assets, (g) UDSCL, (h) Loans and Receivables, (i) LRARA, (j) Derivatives with Positive Fair Value Held for Hedging, (k) Sales Contract Receivable, and (l) Others.

**Interest Expense** refers to payments and/or monthly accruals of interest on the following financial liabilities: (a) Financial Liabilities HFT, (b) Financial Liabilities DFVPL, (c) Deposits, (d) Bills Payable, (e) Bonds Payable, (f) USD, (g) Redeemable Preferred Shares, (h) Derivatives with Negative Fair Value Held for Hedging, (i) Finance Lease Payment Payable, and (j) Others.

## **PUBLIC ORDER, SAFETY AND JUSTICE**

**Crime** is an act in violation of penal law. For statistical purposes, only crimes reported to authorities are covered.

**Crime incidence** is the number of crimes reported as index or index crimes within a given period.

**Crime Rate** is the number of crimes committed per 100,000 population.

**Crimes, Index** are crimes which are sufficiently significant and which occur with sufficient regularity to be meaningful. Included in this category are the following crimes: murder, physical injury, robbery, theft and rape.

**Crimes, Non-Index** are all types of crime not considered as index crimes.

**Fire incidence** refers to the volume of incidents caused by fire and the deaths, injuries and total value of property loss due to incident.

## **SCIENCE AND TECHNOLOGY**

**Auxiliary personnel** pertain to a person whose work is directly associated with the performance of R & D; i.e. clerical, secretarial and administrative personnel, skilled, semi-skilled, and unskilled workers in various trades and all other supporting workers.

**Research and Development** refers to creative work undertaken on a systematic basis in order to increase the stock of knowledge, and the use of this stock of knowledge to create new or improved products, processes, services or other applications.

**Technician** refers to a person engaged in that capacity in R&D who had vocational or technical training in any branch of knowledge and technology.



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