

Table 4: LIVEBIRTHS, TOTAL DEATHS, MATERNAL DEATHS,  
INFANT DEATHS and UNDER FIVE DEATHS  
National Capital Region, 2017

Municipality/City	2017 Population	LIVEBIRTHS		TOTAL DEATHS		MATERNAL DEATHS		INFANT DEATHS		Under Five Deaths	
		NO.	RATE*	NO.	RATE*	NO.	RATE***	NO.	RATE**	NO.	RATE**
MALABON	366,709	5,249	14.31	1,392	3.80	0	0.00	65	12.38	89	16.96
NAVOTAS	250,271	5,201	20.78	975	3.90	1	19.23	25	4.81	31	5.96
VALENZUELA	622,432	6,695	10.76	2,499	4.01	5	74.68	109	16.28	128	19.12
CALOOCAN CITY	1,589,110	19,260	12.12	5,992	3.77	3	15.58	141	7.32	205	10.64
<b>Total District I</b>	<b>2,828,522</b>	<b>36,405</b>	<b>12.87</b>	<b>10,858</b>	<b>3.84</b>	<b>9</b>	<b>24.72</b>	<b>340</b>	<b>9.34</b>	<b>453</b>	<b>12.44</b>
MARIKINA	452,201	8,957	19.81	4,585	10.14	8	89.32	220	24.56	268	29.92
PASIG	757,747	15,397	20.32	3,352	4.42	7	45.46	195	12.66	286	18.58
PATEROS	64,047	1,046	16.33	302	4.72	1	95.60	1	0.96	9	8.60
TAGIG	807,523	12,301	15.23	3,072	3.80	6	48.78	60	4.88	152	12.36
QUEZON CITY	2,945,629	65,670	22.29	22,099	7.50	37	56.34	1,099	16.74	1,474	22.45
<b>Total District II</b>	<b>5,027,147</b>	<b>103,371</b>	<b>20.56</b>	<b>33,410</b>	<b>6.65</b>	<b>59</b>	<b>57.08</b>	<b>1,575</b>	<b>15.24</b>	<b>2,189</b>	<b>21.18</b>
MAKATI	584,490	7,658	13.10	3,003	5.14	4	52.23	82	10.71	97	12.67
MANDALUYONG	387,528	5,218	13.46	1,425	3.68	2	38.33	38	7.28	47	9.01
SAN JUAN	122,576	1,790	14.60	1,059	8.64	1	55.87	4	2.23	5	2.79
MANILA	1,785,917	56,885	31.85	20,192	11.31	37	65.04	1,288	22.64	2,035	35.77
<b>Total District III</b>	<b>2,880,511</b>	<b>71,551</b>	<b>24.84</b>	<b>25,679</b>	<b>8.91</b>	<b>44</b>	<b>61.49</b>	<b>1,412</b>	<b>19.73</b>	<b>2,184</b>	<b>30.52</b>
LAS PIÑAS	590,802	6,249	10.58	2,810	4.76	4	64.01	97	15.52	139	22.24
MUNTINLUPA	506,144	8,678	17.15	2,504	4.95	2	23.05	31	3.57	40	4.61
PARAÑAQUE	667,979	12,587	18.84	2,754	4.12	4	31.78	100	7.94	139	11.04
PASAY CITY	417,872	7,739	18.52	2,501	5.99	3	38.76	64	8.27	92	11.89
<b>Total District IV</b>	<b>2,182,797</b>	<b>35,253</b>	<b>16.15</b>	<b>10,569</b>	<b>4.84</b>	<b>13</b>	<b>36.88</b>	<b>292</b>	<b>8.28</b>	<b>410</b>	<b>11.63</b>
<b>NCR</b>	<b>12,918,977</b>	<b>246,580</b>	<b>19.09</b>	<b>80,516</b>	<b>6.23</b>	<b>125</b>	<b>50.69</b>	<b>3,619</b>	<b>14.68</b>	<b>5,236</b>	<b>21.23</b>

Table 5: NATALITY - LIVEBIRTHS BY SEX & BIRTHWEIGHT, TOTAL & PERCENT  
TOTAL & PRECENT, SKILLED BIRTH ATTENDANT & FACILITY BASED DELIVERIES  
National Capital Region, 2017

Municipality/ City	TOTAL LIVEBIRTHS	Total Livebirths by Sex		Birthweight of Livebirths										Skilled Birth Attendant		Facility Based Deliveries		
		Male	Female	≥2,500g			<2,500g			%	Not known			No.	%	Total Deliveries	No.	%
				Male	Female	Total	Male	Female	Total		Male	Female	Total					
Malabon	5,249	2,689	2,560	2,565	2,408	4,973	102	113	215	4.1	22	39	61	5,132	97.8	5,254	5,104	97.1
Navotas	5,201	2,612	2,589	2,439	2,410	4,849	173	178	351	6.7	0	1	1	5,151	99.0	5,189	5,031	97.0
Valenzuela	6,695	3,503	3,192	3,041	2,720	5,761	456	469	925	13.8	6	3	9	6,583	98.3	6,695	6,354	94.9
Caloocan City	19,260	9,671	9,589	9,064	8,874	17,938	597	701	1,298	6.7	10	14	24	18,237	94.7	19,260	17,431	90.5
<b>TOTAL</b>	<b>36,405</b>	<b>18,475</b>	<b>17,930</b>	17,109	16,412	<b>33,521</b>	1,328	1,461	<b>2,789</b>	<b>7.7</b>	38	57	95	<b>35,103</b>	<b>96.4</b>	<b>36,398</b>	<b>33,920</b>	93.2
Marikina	8,957	4,804	4,153	4,224	3,619	7,843	580	534	1,114	12.4	0	0	0	8,885	99.2	8,957	8,859	98.9
Pasig	15,397	8,007	7,390	6,964	6,392	13,356	1,030	979	2,009	13.0	13	19	32	14,579	94.7	15,394	14,061	91.3
Pateros	1,046	545	501	531	497	1,028	14	4	18	1.7	0	0	0	1,046	100.0	1,046	1,039	99.3
Taguig	12,301	6,592	5,709	6,010	5,101	11,111	582	608	1,190	9.7	0	0	0	10,807	87.9	12,301	10,475	85.2
Quezon City	65,670	34,148	31,522	28,386	25,477	53,863	5,707	5,917	11,624	17.7	55	128	183	64,553	98.3	65,935	64,818	98.3
<b>TOTAL</b>	<b>103,371</b>	<b>54,096</b>	<b>49,275</b>	46,115	41,086	<b>87,201</b>	7,913	8,042	<b>15,955</b>	<b>15.4</b>	<b>68</b>	<b>147</b>	<b>215</b>	<b>99,870</b>	<b>96.6</b>	<b>103,633</b>	99,252	95.8
Makati	7,658	3,960	3,698	3,295	3,317	6,612	492	287	779	10.2	173	94	267	7,273	95.0	7,658	7,148	93.3
Mandaluyong	5,218	2,730	2,488	2,646	2,409	5,055	84	79	163	3.1	0	0	0	5,180	99.3	5,218	5,114	98.0
San Juan	1,790	945	845	856	766	1,622	89	79	168	9.4	0	0	0	1,790	100.0	1,790	1,787	99.8
Manila	56,885	29,714	27,171	25,059	22,240	47,299	4,655	4,931	9,586	<b>16.9</b>	0	0	0	56,545	99.4	56,885	56,296	99.0
<b>TOTAL</b>	<b>71,551</b>	<b>37,349</b>	<b>34,202</b>	31,856	28,732	<b>60,588</b>	5,320	5,376	<b>10,696</b>	<b>14.9</b>	<b>173</b>	<b>94</b>	<b>267</b>	<b>70,788</b>	<b>98.9</b>	<b>71,551</b>	<b>70,345</b>	98.3
Las Piñas	6,249	3,250	2,999	3,235	2,986	6,221	14	12	26	0.4	1	1	2	5,679	90.9	6,249	5,147	82.4
Muntinlupa	8,678	4,433	4,245	3,964	3,672	7,636	469	573	1,042	12.0	0	0	0	8,516	98.1	8,678	8,011	92.3
Parañaque	12,587	6,507	6,080	5,697	5,223	10,920	702	757	1,459	11.6	108	100	208	11,125	88.4	12,586	10,611	84.3
Pasay City	7,739	4,070	3,669	3,506	3,130	6,636	564	539	1,103	14.3	0	0	0	7,658	99.0	7,770	7,649	98.4
<b>TOTAL</b>	<b>35,253</b>	<b>18,260</b>	<b>16,993</b>	<b>16,402</b>	<b>15,011</b>	<b>31,413</b>	<b>1,749</b>	<b>1,881</b>	<b>3,630</b>	<b>10.3</b>	<b>109</b>	<b>101</b>	<b>210</b>	<b>32,978</b>	<b>93.5</b>	<b>35,283</b>	<b>31,418</b>	<b>89.0</b>
<b>NCR</b>	<b>246,580</b>	<b>128,180</b>	<b>118,400</b>	<b>111,482</b>	<b>101,241</b>	<b>212,723</b>	<b>16,310</b>	<b>16,760</b>	<b>33,070</b>	<b>13.4</b>	<b>388</b>	<b>399</b>	<b>787</b>	<b>238,739</b>	<b>96.8</b>	<b>246,865</b>	<b>234,935</b>	<b>95.2</b>

Center for Health Development - Metro Manila  
 Table 6: NATALITY - SKILLED BIRTH ATTENDANT BY CATEGORY  
 National Capital Region, 2017

Municipality/City	Total Live-Births	Births by Attendance																			
		Doctor				Nurse				Midwife				TBA				Others			
		M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%	M	F	Total	%
Malabon	5,249	1,376	1,196	2,572	49.0	11	10	21	0.4	1,249	1,290	2,539	48.4	53	64	117	2.2	0	0	0	0.0
Navotas	5,201	1,659	1,646	3,305	63.5	0	0	-	0.0	924	922	1,846	35.5	29	21	50	1.0	0	0	0	0.0
Valenzuela	6,695	2,463	2,202	4,665	69.7	15	23	38	0.6	975	905	1,880	28.1	48	61	109	1.6	2	1	3	0.0
Caloocan City	19,260	4,472	4,245	8,717	45.3	115	103	218	1.1	4,603	4,699	9,302	48.3	480	535	1,015	5.3	1	7	8	0.0
<b>Total District I</b>	<b>36,405</b>	<b>9,970</b>	<b>9,289</b>	<b>19,259</b>	<b>52.9</b>	<b>141</b>	<b>136</b>	<b>277</b>	<b>0.8</b>	<b>7,751</b>	<b>7,816</b>	<b>15,567</b>	<b>42.8</b>	<b>610</b>	<b>681</b>	<b>1,291</b>	<b>3.5</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>0.0</b>
Marikina	8,957	3,297	2,775	6,072	67.8	1	1	2	0.0	1,469	1,342	2,811	31.4	37	35	72	0.8	0	0	0	0.0
Pasig	15,397	5,753	5,298	11,051	71.8	113	99	212	1.4	1,697	1,619	3,316	21.5	444	373	817	5.3	0	1	1	0.0
Pateros	1,046	186	177	363	34.704	0	0	0	0.0	359	324	683	65.3	0	0	0	0	0	0	0	0.0
Taguig	12,301	2,918	1,595	4,513	36.7	40	28	68	0.6	2,902	3,324	6,226	50.6	732	762	1,494	12.1	0	0	-	0.0
Quezon City	65,670	25,242	23,301	48,543	73.9	10	3	13	0.0	8,286	7,711	15,997	24.4	596	501	1,097	1.7	14	6	20	0.0
<b>Total District II</b>	<b>103,371</b>	<b>37,396</b>	<b>33,146</b>	<b>70,542</b>	<b>68.2</b>	<b>164</b>	<b>131</b>	<b>295</b>	<b>0.3</b>	<b>14,713</b>	<b>14,320</b>	<b>29,033</b>	<b>28.1</b>	<b>1,809</b>	<b>1,671</b>	<b>3,480</b>	<b>3.4</b>	<b>14</b>	<b>7</b>	<b>21</b>	<b>0.0</b>
Makati	7,658	3,330	3,146	6,476	84.6	0	4	4	0.1	413	380	793	10.4	211	159	370	4.8	6	9	15	0.2
Mandaluyong	5,218	2,509	2,307	4,816	92.3	1	-	1	0.0	197	166	363	7.0	23	15	38	0.7	0	0	0	0.0
San Juan	1,790	885	807	1,692	94.5	23	17	40	2.2	37	21	58	3.2	0	0	-	-	0	0	0	0.0
Manila	56,885	28,233	25,757	53,990	94.9	31	33	64	0.1	1,276	1,215	2,491	4.4	174	166	340	0.6	0	0	0	0.0
<b>Total District III</b>	<b>71,551</b>	<b>34,957</b>	<b>32,017</b>	<b>66,974</b>	<b>93.6</b>	<b>55</b>	<b>54</b>	<b>109</b>	<b>0.2</b>	<b>1,923</b>	<b>1,782</b>	<b>3,705</b>	<b>5.2</b>	<b>408</b>	<b>340</b>	<b>748</b>	<b>1.0</b>	<b>6</b>	<b>9</b>	<b>15</b>	<b>0.0</b>
Las Piñas	6,249	1,492	1,359	2,851	45.6	11	7	18	0.3	1,454	1,356	2,810	45.0	281	267	548	8.8	12	10	22	0.4
Muntinlupa	8,678	3,625	3,502	7,127	82.1	0	0	0	0.0	722	667	1,389	16.0	86	76	162	1.9	0	0	-	0.0
Parañaque	12,587	3,986	3,687	7,673	61.0	24	14	38	0.3	1,751	1,663	3,414	27.1	720	689	1,409	11.2	26	27	53	0.4
Pasay City	7,739	3,746	3,411	7,157	92.5	0	0	0	0.0	274	227	501	6.5	42	27	69	0.9	8	4	12	0.2
<b>Total District IV</b>	<b>35,253</b>	<b>12,849</b>	<b>11,959</b>	<b>24,808</b>	<b>70.4</b>	<b>35</b>	<b>21</b>	<b>56</b>	<b>0.2</b>	<b>4,201</b>	<b>3,913</b>	<b>8,114</b>	<b>23.0</b>	<b>1,129</b>	<b>1,059</b>	<b>2,188</b>	<b>6.2</b>	<b>46</b>	<b>41</b>	<b>87</b>	<b>0.2</b>
<b>NCR</b>	<b>246,580</b>	<b>95,172</b>	<b>86,411</b>	<b>181,583</b>	<b>73.6</b>	<b>395</b>	<b>342</b>	<b>737</b>	<b>0.3</b>	<b>28,588</b>	<b>27,831</b>	<b>56,419</b>	<b>22.9</b>	<b>3,956</b>	<b>3,751</b>	<b>7,707</b>	<b>3.1</b>	<b>69</b>	<b>65</b>	<b>134</b>	<b>0.1</b>

Table 7: NATALITY - FACILITY-BASED DELIVERIES BY PLACE  
National Capital Region, 2017

Municipality/City	Deliveries	Place of Birth									No. of Pregnancies			Pregnancies by Outcome		
		Normal Deliveries					Other Type of Deliveries				Male	Female	Total	Livebirths	Fetal Death	Abortion
		NID		Health Facility	Unkwn	Total	NID		Health Facility	Total						
		Home	Others				Home	Others								
Malabon	5,254	150	0	5,004	0	5,154	0	0	100	100	2,690	2,564	5,254	5,249	4	1
Navotas	5,189	158	0	4,485	0	4,643	0	0	546	546	2,623	2,597	5,220	5,201	19	0
Valenzuela	6,695	341	0	6,354	0	6,695	0	0	0	0	3,531	3,220	6,751	6,695	56	0
Caloocan City	19,260	1,778	51	17,431	0	19,260	0	0	0	0	9,688	9,602	19,290	19,260	30	0
<b>TOTAL</b>	<b>36,398</b>	<b>2,427</b>	<b>51</b>	<b>33,274</b>	<b>0</b>	<b>35,752</b>	<b>0</b>	<b>0</b>	<b>646</b>	<b>646</b>	<b>18532</b>	<b>17,983</b>	<b>36,515</b>	<b>36,405</b>	<b>109</b>	<b>1</b>
Marikina	8,957	98	0	8,859	0	8,957	0	0	0	0	4838	4177	9,015	8,957	58	0
Pasig	15,394	1,332	1	13,104	0	14,437	0	0	957	957	8048	7434	15,482	15,397	85	0
Pateros	1,046	7	0	676	0	683	0	0	363	363	550	504	1,054	1,046	8	0
Taguig	12,301	1,826	0	10,475	0	12,301	0	0	0	0	6,607	5,720	12,327	12,301	26	0
Quezon City	65,935	1,097	20	63,895	0	65,012	0	0	923	923	34,280	31,655	65,935	65,670	265	0
<b>TOTAL</b>	<b>103,633</b>	<b>4,360</b>	<b>21</b>	<b>97,009</b>	<b>-</b>	<b>101,390</b>	<b>0</b>	<b>0</b>	<b>2243</b>	<b>2243</b>	<b>54,323</b>	<b>49,490</b>	<b>103,813</b>	<b>103,371</b>	<b>442</b>	<b>0</b>
Makati	7,658	510	0	7,148	0	7,658	0	0	0	0	3,990	3,713	7,703	7,658	45	0
Mandaluyong	5,218	104	0	4,896	0	5,000	0	0	218	218	2741	2500	5241	5,218	23	0
San Juan	1,790	3	0	1,672	0	1,675	0	0	115	115	950	850	1,800	1,790	10	0
Manila	56,885	588	1	56,296	0	56,885	0	0	0	0	29,978	27,382	57,360	56,885	475	0
<b>TOTAL</b>	<b>71,551</b>	<b>1,205</b>	<b>1</b>	<b>70,012</b>	<b>-</b>	<b>71,218</b>	<b>0</b>	<b>0</b>	<b>333</b>	<b>333</b>	<b>37,659</b>	<b>34,445</b>	<b>72,104</b>	<b>71,551</b>	<b>553</b>	<b>-</b>
Las Piñas	6,249	1,097	5	5,147	0	6,249	0	0	0	0	3,265	3,017	6282	6,249	33	0
Muntinlupa	8,678	667	0	8,011	0	8,678	0	0	0	0	4,481	4,274	8,755	8,678	77	0
Parañaque	12,586	1,940	35	6,870	0	8,845	0	0	3741	3741	6,531	6,102	12,633	12,587	46	0
Pasay City	7,770	117	4	6,256	0	6,377	0	0	1393	1393	4089	3681	7,770	7,739	31	0
<b>TOTAL</b>	<b>35,283</b>	<b>3,821</b>	<b>44</b>	<b>26,284</b>	<b>-</b>	<b>30,149</b>	<b>0</b>	<b>-</b>	<b>5,134</b>	<b>5134</b>	<b>18366</b>	<b>17074</b>	<b>35,440</b>	<b>35,253</b>	<b>187</b>	<b>0</b>
<b>NCR</b>	<b>246,865</b>	<b>11,813</b>	<b>117</b>	<b>226,579</b>	<b>-</b>	<b>238,509</b>	<b>0</b>	<b>-</b>	<b>8,356</b>	<b>8,356</b>	<b>128,880</b>	<b>118,992</b>	<b>247,872</b>	<b>246,580</b>	<b>1,291</b>	<b>1</b>

Table 8: MORTALITY BY SEX (Male & Female)  
National Capital Region, 2017

CITY/ MUNICIPALITY	TOTAL DEATHS	DEATHS BY SEX			
		MALE		FEMALE	
		NO.	%	NO.	%
Malabon	1,392	759	54.5	633	45.5
Navotas	975	592	60.7	383	39.3
Valenzuela	2,499	1,467	58.7	1,032	41.3
Caloocan City	5,992	3,524	58.8	2,468	41.2
<b>Total District I</b>	<b>10,858</b>	<b>6,342</b>	<b>58.4</b>	<b>4,516</b>	<b>41.6</b>
Marikina	4,585	2,690	58.7	1,895	41.3
Pasig	3,352	1,926	57.5	1,426	42.5
Pateros	302	174	57.6	128	42.4
Taguig	3,072	1,661	54.1	1,411	45.9
Quezon City	22,099	9,550	43.2	12,549	56.8
<b>Total District II</b>	<b>33,410</b>	<b>16,001</b>	<b>47.9</b>	<b>17,409</b>	<b>52.1</b>
Makati	3,003	1,737	57.8	1,266	42.2
Mandaluyong	1,425	849	59.6	576	40.4
San Juan	1,059	564	53.3	495	46.7
Manila	20,192	11,448	56.7	8,744	43.3
<b>Total District III</b>	<b>25,679</b>	<b>14,598</b>	<b>56.8</b>	<b>11,081</b>	<b>43.2</b>
Las Piñas	2,810	1,566	55.7	1,244	44.3
Muntinlupa	2,504	1,423	56.8	1,081	43.2
Parañaque	2,754	1,567	56.9	1,187	43.1
Pasay City	2,501	1,449	57.9	1,052	42.1
<b>Total District IV</b>	<b>10,569</b>	<b>6,005</b>	<b>56.8</b>	<b>4,564</b>	<b>43.2</b>
<b>NCR</b>	<b>80,516</b>	<b>42,946</b>	<b>53.3</b>	<b>37,570</b>	<b>46.7</b>

Table 9: PERINATAL DEATHS & DEATHS DUE TO NEONATAL TETANUS  
National Capital Region, 2017

CITY/ MUNICIPALITY	LIVEBIRT HS	Perinatal Death				Deaths due to Neonatal Tetanus				Neonatal Deaths			
		Male	Female	Total	Rate*	Male	Female	Total	Rate*	Male	Female	Total	Rate*
Malabon	5,249	7	2	9	1.71	0	0	0	0.00	6	5	11	2.09564
Navotas	5,201	0	0	0	0.00	0	0	0	0.00	21	30	51	9.80581
Valenzuela	6,695	54	48	102	15.24	0	0	0	0.00	28	28	56	8.36445
Caloocan City	19,260	0	0	0	0.00	0	0	0	0.00	30	21	51	2.64798
<b>Total District I</b>	<b>36,405</b>	<b>61</b>	<b>50</b>	<b>111</b>	<b>3.05</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>85</b>	<b>84</b>	<b>169</b>	<b>4.64222</b>
Marikina	8,957	92	75	167	18.64	0	0	0	0.00	87	66	153	17.0816
Pasig	15,397	88	83	171	11.11	0	0	0	0.00	60	48	108	7.01435
Pateros	1,046	0	0	0	0.00	0	0	0	0.00	5	3	8	7.64818
Taguig	12,301	9	11	20	1.63	0	0	0	0.00	12	26	38	3.08918
Quezon City	65,670	419	363	782	11.91	0	0	0	0.00	397	295	692	10.5375
<b>Total District II</b>	<b>103,371</b>	<b>608</b>	<b>532</b>	<b>1,140</b>	<b>11.03</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>561</b>	<b>438</b>	<b>999</b>	<b>9.66422</b>
Makati	7,658	22	61	83	10.84	0	0	0	0.00	27	23	50	6.52912
Mandaluyong	5,218	11	12	23	4.41	0	0	0	0.00	8	7	15	2.87466
San Juan	1,790	10	11	21	11.73	0	0	0	0.00	5	6	11	6.14525
Manila	56,885	640	437	1,077	18.93	0	0	0	0.00	376	226	602	10.5828
<b>Total District III</b>	<b>71,551</b>	<b>683</b>	<b>521</b>	<b>1,204</b>	<b>16.83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>416</b>	<b>262</b>	<b>678</b>	<b>9.47576</b>
Las Piñas	6,249	22	12	34	5.44	0	1	1	0.16	9	6	15	2.40038
Muntinlupa	8,678	47	28	75	8.64	0	0	0	0.00	4	2	6	0.6914
Parañaque	12,587	0	0	0	0.00	0	0	0	0.00	30	23	53	4.21069
Pasay City	7,739	37	20	57	7.37	0	0	0	0.00	31	16	47	6.07314
<b>Total District IV</b>	<b>35,253</b>	<b>106</b>	<b>60</b>	<b>166</b>	<b>4.71</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0.03</b>	<b>74</b>	<b>47</b>	<b>121</b>	<b>3.43233</b>
<b>NCR</b>	<b>246,580</b>	<b>1,458</b>	<b>1,163</b>	<b>2,621</b>	<b>10.63</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0.00</b>	<b>1,136</b>	<b>831</b>	<b>1,967</b>	<b>7.97713</b>

Table 10: INFANT DEATHS AND DEATHS AMONG CHILDREN <5 YRS OLD  
National Capital Region, 2017

CITY/ MUNICIPALITY	Livebirths	Fetal Deaths				Infant Deaths				Deaths among children under 5 yrs old			
		Male	Female	Total	Rate*	Male	Female	Total	Rate*	Male	Female	Total	Rate*
Malabon	5,249	1	3	4	0.8	39	26	65	12.4	51	38	89	17.0
Navotas	5,201	11	8	19	3.7	16	9	25	4.8	21	10	31	6.0
Valenzuela	6,695	28	28	56	8.4	66	43	109	16.3	78	50	128	19.1
Caloocan City	19,260	17	13	30	1.6	85	56	141	7.3	119	86	205	10.6
<b>Total District I</b>	<b>36,405</b>	<b>57</b>	<b>52</b>	<b>109</b>	<b>3.0</b>	<b>206</b>	<b>134</b>	<b>340</b>	<b>9.3</b>	<b>269</b>	<b>184</b>	<b>453</b>	<b>12.4</b>
Marikina	8,957	34	24	58	6.5	133	87	220	24.6	157	111	268	29.9
Pasig	15,397	41	44	85	5.5	111	84	195	12.7	164	122	286	18.6
Pateros	1,046	5	3	8	7.6	0	1	1	1.0	5	4	9	8.6
Taguig	12,301	15	11	26	2.1	28	32	60	4.9	88	64	152	12.4
Quezon City	65,670	132	133	265	4.0	620	479	1,099	16.7	834	640	1,474	22.4
<b>Total District II</b>	<b>103,371</b>	<b>227</b>	<b>215</b>	<b>442</b>	<b>4.3</b>	<b>892</b>	<b>683</b>	<b>1,575</b>	<b>15.2</b>	<b>1,248</b>	<b>941</b>	<b>2,189</b>	<b>21.2</b>
Makati	7,658	30	15	45	5.9	44	38	82	10.7	53	44	97	12.7
Mandaluyong	5,218	11	23	34	6.5	21	17	38	7.3	22	25	47	9.0
San Juan	1,790	5	5	10	5.6	3	1	4	2.2	2	3	5	2.8
Manila	56,885	264	211	475	8.4	693	595	1,288	22.6	1,072	963	2,035	35.8
<b>Total District III</b>	<b>71,551</b>	<b>310</b>	<b>254</b>	<b>564</b>	<b>7.9</b>	<b>761</b>	<b>651</b>	<b>1,412</b>	<b>19.7</b>	<b>1,149</b>	<b>1,035</b>	<b>2,184</b>	<b>30.5</b>
Las Pinas	6,249	15	18	33	5.3	57	40	97	15.5	80	59	139	22.2
Muntinlupa	8,678	48	29	77	8.9	15	16	31	3.6	18	22	40	4.6
Paranaque	12,587	24	22	46	3.7	53	47	100	7.9	76	63	139	11.0
Pasay City	7,739	19	12	31	4.0	39	25	64	8.3	56	36	92	11.9
<b>Total District IV</b>	<b>35,253</b>	<b>106</b>	<b>81</b>	<b>187</b>	<b>5.3</b>	<b>164</b>	<b>128</b>	<b>292</b>	<b>8.3</b>	<b>230</b>	<b>180</b>	<b>410</b>	<b>11.6</b>
<b>NCR</b>	<b>246,580</b>	<b>700</b>	<b>602</b>	<b>1,302</b>	<b>5.3</b>	<b>2,023</b>	<b>1,596</b>	<b>3,619</b>	<b>14.68</b>	<b>2,896</b>	<b>2,340</b>	<b>5,236</b>	<b>21.2</b>

**Causes of Maternal Mortality, 2017**

**Marikina**

amniotic fluid embolism	1
uterine inertia	1
premature separation of placenta	2
postpartum hemorrhage	1
birth canal trauma	1
septic shock secondary to still born	1
incomplete abortion	1
	<u>8</u>

**Taguig**

Uterine Atony	2
Eclampsia	3
Multi Fetal Pregnancy	1
	<u>6</u>

**Valenzuela**

Uterine Atony	2
Pre-eclampsia	1
Pulmonary Embolism	1
Prolong Stage of Labor	1
	<u>5</u>

**Navotas**

Pre-eclampsia	<u>1</u>
---------------	----------

**Manila**

Pre-eclampsia	12
Peri/Post partum Cardiomyopathy	8
Eclampsia	4
Abortion	4
Uterine Atony	2
Abruptio Placenta	2
Pulmonary Embolism	2
Amniotic Fluid Embolism	1
Eschemic Heart Disease	1
Puerperal Sepsis	1
	<u>37</u>

**Parañaque**

Uterine Atony	2
Maternal Eclampsia	1
Post-partum Eclampsia	1
	<u>4</u>

**Mandaluyong**

Uncontrolled pre-eclampsia	1
Hypoxic ischemic encephalopathy 2 <sup>0</sup>	
eclampsia	1
	<u>2</u>

**Muntinlupa**

Cardio Pulmonary Arrest; Hypoxia; Consider Amniotic Fluid Embolism	1
Hypovolemic Shock; Acute Blood Loss; Abruptio Placenta; Amniotic Fluid Embolism	1
	<u>2</u>

**Makati**

Severe Pre-eclampsia	1
Obstetric Blood Clot Embolism	1
Injury of Kidney	1
Shock During of following labor and delivery	1
	<u>4</u>

**Pateros**

Post-partum hemorrhage secondary to uterine atony	1
	<u>1</u>

**Quezon City**

Pre-eclampsia/Eclampsia	15
Uterine Atony/Hemorrhage	8
Postpartum Cardiomyopathy	7
Concomittant Medical Condition (Heart Dis.)	3
Abortion	2
HELLP Syndrome	1
Amniotic Fluid Embolism	1
	<u>37</u>

**San Juan**

Hypertension	<u>1</u>
--------------	----------

**Pasay City**

Eclampsia	1
Amniotic Fluid Embolism	1
Pre-Eclampsia with severe feature	1
	<u>3</u>

**Pasig**

Hemorrhage	3
Eclampsia	3
Pre-eclampsia	1
	<u>7</u>

**Las Piñas**

Hypovolemic Shock, Uterine Atony, Placenta Previa Totalis	1
Cardiorespiratory Arrest, Post Partum Bleeding, Uterine Atony	1
Hypovolemic Shock, Profuse Vaginal Bleeding, Placenta Previa	1
Hypovolemic Shock secondary to Abnormal Uterine Bleeding	1
	<u>4</u>

**Caloocan City**

Uteroplacental Insufficiency	<u>3</u>
------------------------------	----------



### Causes of Maternal Mortality, 2017

Causes	No.
Abortion	6
Abruptio Placenta	2
Amniotic Fluid Embolism	4
birth canal trauma	1
Cardio Pulmonary Arrest; Hypoxia; Consider Amniotic Fluid Embolism	1
Cardiorespiratory Arrest, Post Partum Bleeding, Uterine Atony	1
Concomittant Medical Condition (Heart Dis.)	3
Eschemic Heart Disease	1
HELLP Syndrome	1
Hypertension	1
Hypovolemic Shock secondary to Abnormal Uterine Bleeding	1
Hypovolemic Shock, Profuse Vaginal Bleeding, Placenta Previa	1
Hypovolemic Shock, Uterine Atony, Placenta Previa Totalis	1
Hypovolemic Shock; Acute Blood Loss; Abruptio Placenta; Amniotic Fluid Embolism	1
Hypoxic ischemic encephalopathy 2 <sup>o</sup> eclampsia	1
incomplete abortion	1
Injury of Kidney	1
Multi Fetal Pregnancy	1
Obstetric Blood Clot Embolism	1
Peri/Post partum Cardiomyopathy	8
Postpartum Cardiomyopathy	7
Hemorrhage	3
postpartum hemorrhage	1
Post-partum hemorrhage secondary to uterine atony	1
premature separation of placenta	2
Prolong Stage of Labor	1
Puerperal Sepsis	1
Pulmonary Embolism	3
septic schock secondary to still born	1
Shock During of following labor and delivery	1
Uterine Atony	8
Uterine Atony/Hemorrhage	8
uterine inertia	1
Uteroplacental Insufficiency	3

Antecedent
Infection - D
Hemorrhage - D
Vascular - D
Hemorrhage - D
Vascular - D
Hemorrhage - D
Cardiac - IND
Cardiac - IND
HPN - D
HPN - D
Hemorrhage - D
Hemorrhage - D
Hemorrhage - D
Hemorrhage - D
HPN - D
Infection - D
Urinary - IND
Other - D
Vascular - D
Other - D
Other - D
Hemorrhage - D
Hemorrhage - D
Hemorrhage - D
Hemorrhage - D
Other - D
Infection - D
Vascular - D
Infection - D
Other - D
Hemorrhage - D
Hemorrhage - D
Hemorrhage - D
Other - D

Causes	No.	Antecedent
Eclampsia	11	HPN - D
Maternal Eclampsia	1	HPN - D
Post-partum Eclampsia	1	HPN - D
Pre-eclampsia	15	HPN - D
Pre-Eclampsia with severe feature	1	HPN - D
Pre-eclampsia/Eclampsia	15	HPN - D
Severe Pre-eclampsia	1	HPN - D
Uncontrolled pre-eclampsia	1	HPN - D

<b>Direct (90%)</b>	<b>No.</b>	<b>%</b>
Hypertensive Disorder of Pregnancy	49	41%
Hemorrhage	32	27%
Infection	9	8%
Vascular Accident	9	8%
<b>Other Causes:</b>		
Cardiomyopathy	15	13%
Uteroplacental Insufficiency	3	3%
Multi Fetal Pregnancy	1	1%
Prolong Stage of Labor	1	1%
Shock	1	1%
<b>Total</b>	<b>120</b>	<b>100%</b>

<b>Indirect (10%)</b>	<b>No.</b>	<b>%</b>
Cardiac	4	80%
Urinary Track	1	20%
<b>Total</b>	<b>5</b>	<b>100%</b>

<b>Causes of Death</b>	<b>No.</b>	<b>%</b>
Direct Obstetric Death	120	96%
Indirect Obstetric Death	5	4%
Non-Maternal Cause	0	0%
<b>Total</b>	<b>125</b>	<b>100%</b>