



REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

NCR PROVINCIAL STATISTICAL OFFICE V

(MUNTINLUPA • MUNTINLUPA • PARAÑAQUE • PASAY)

SPECIAL RELEASE

CIVIL REGISTRATION AND VITAL STATISTICS

City of Muntinlupa: 2021 Registered Live Births

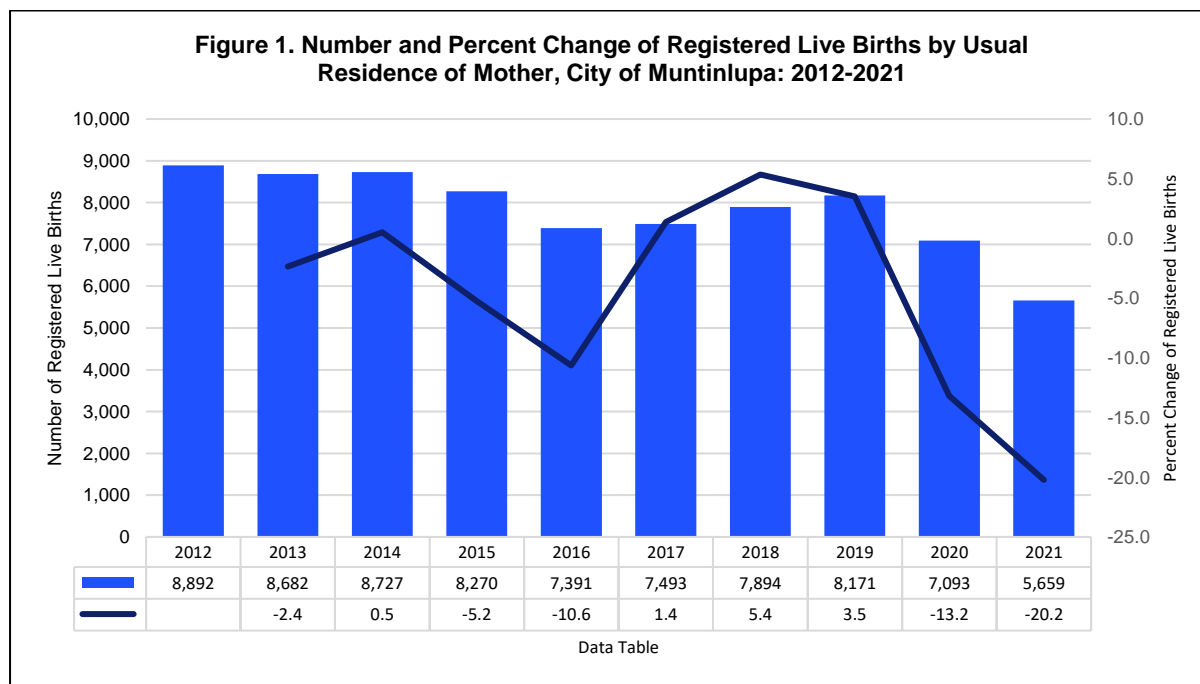
Date of Release: June 30, 2023

Reference No.: SR 2023 - 14

Data on births presented in this special release were obtained from the timely and late registered births at the Office of the City Civil Registrar of Muntinlupa and submitted to the Office of the Civil Registrar General through the Philippine Statistics Authority – National Capital Region Provincial Statistical Office V (PSA-NCR PSO V). The information presented includes births by usual residence of the mother that occurred from January to December 2021 based on data files received by the PSA-Central Office from the PSOs that were registered as of 31 March 2022. The figures presented herein are not adjusted for under registration.

Registered live births in the City of Muntinlupa continued to decline.

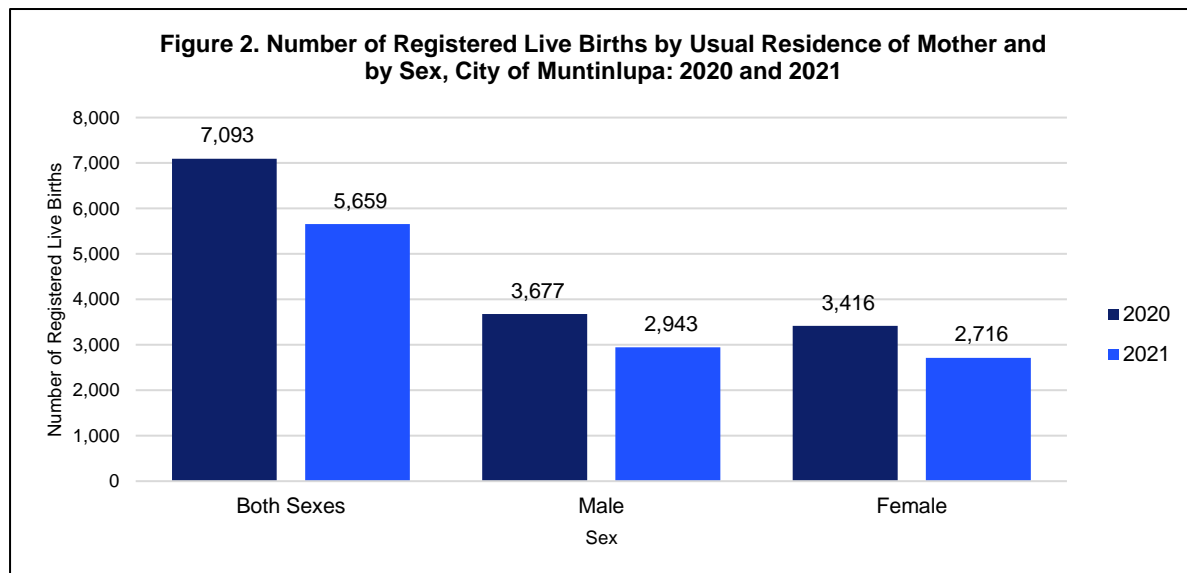
In 2021, a total of 5,659 registered live births were recorded in the City of Muntinlupa which translates to 16 babies born daily. A generally decreasing trend has been observed in the number of live births registered. A decrease of -36.4 percent in the registered live births was posted in the past nine years, from 8,892 in 2012 to 5,659 in 2021. The highest decline rate was posted in 2021 with -20.2 percent compared to the registered live births of 7,093 in 2020. (See Figure 1)



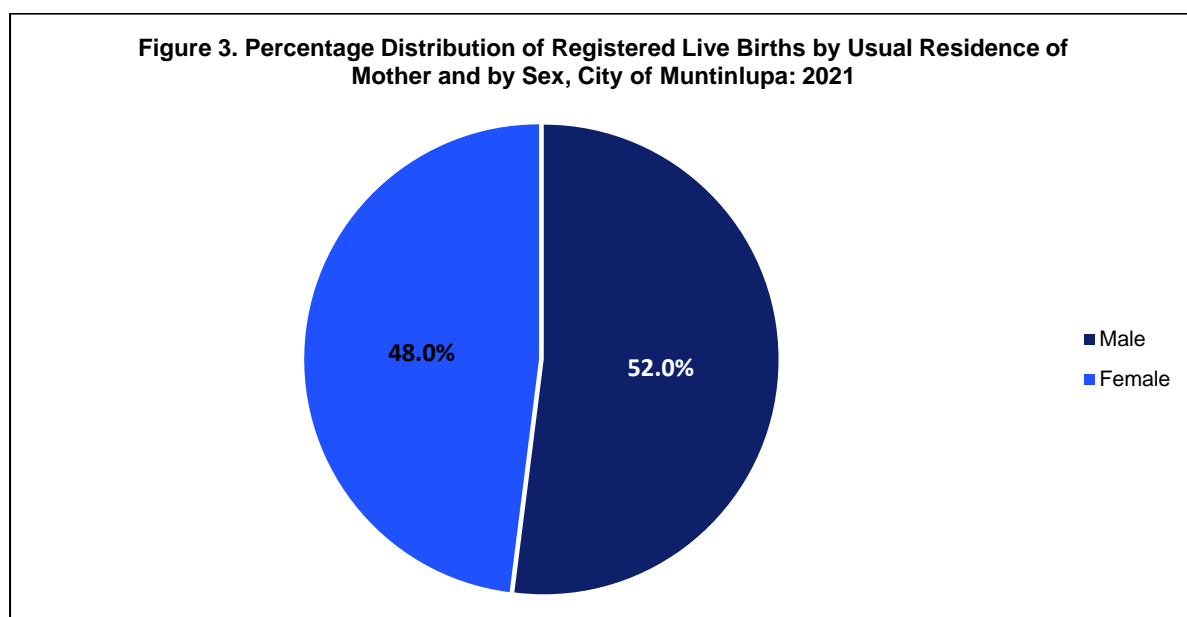
Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

More male births than female births recorded.

In January to December 2021, more males at 2,943 or 52.0 percent were born than females at 2,716 or 48.0 percent which resulted in a sex ratio at birth of 108 males per 100 females. These figures posted almost the same in 2020 where males also had the highest number of registered live births at 3,677 or 51.8 percent and females at 3,416 or 48.2 percent with a sex ratio at birth of 107 males per 100 females. (See Figures 2 and 3)



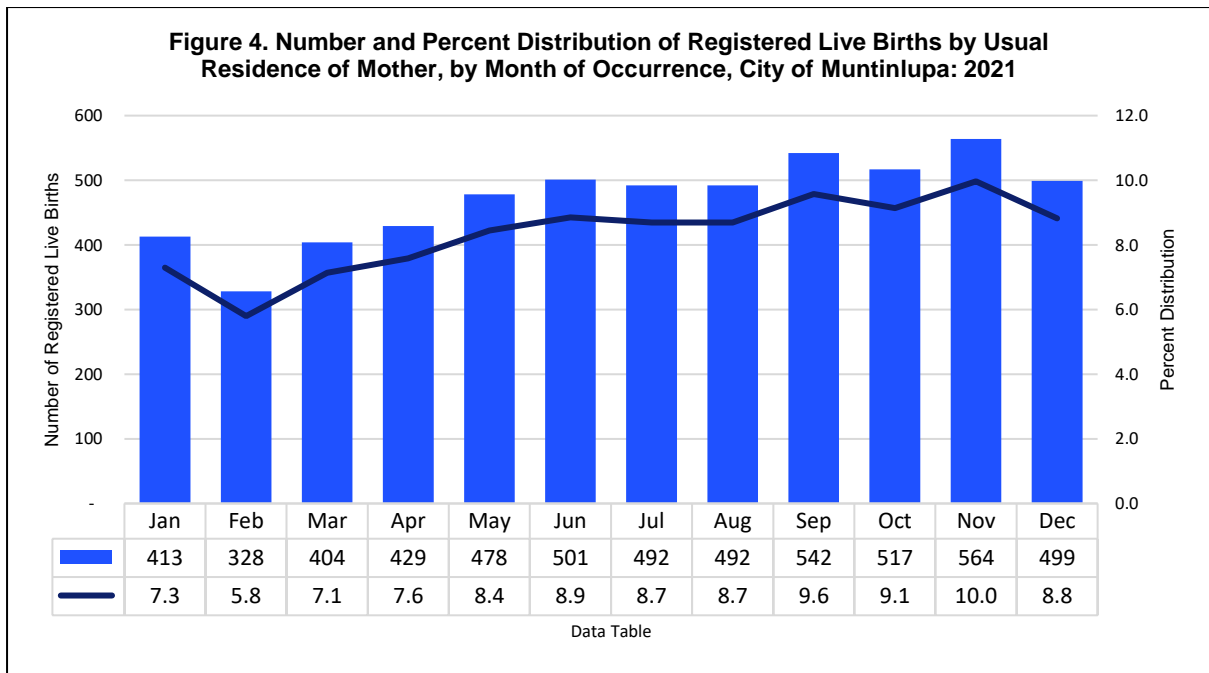
Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Most number of births were registered in November.

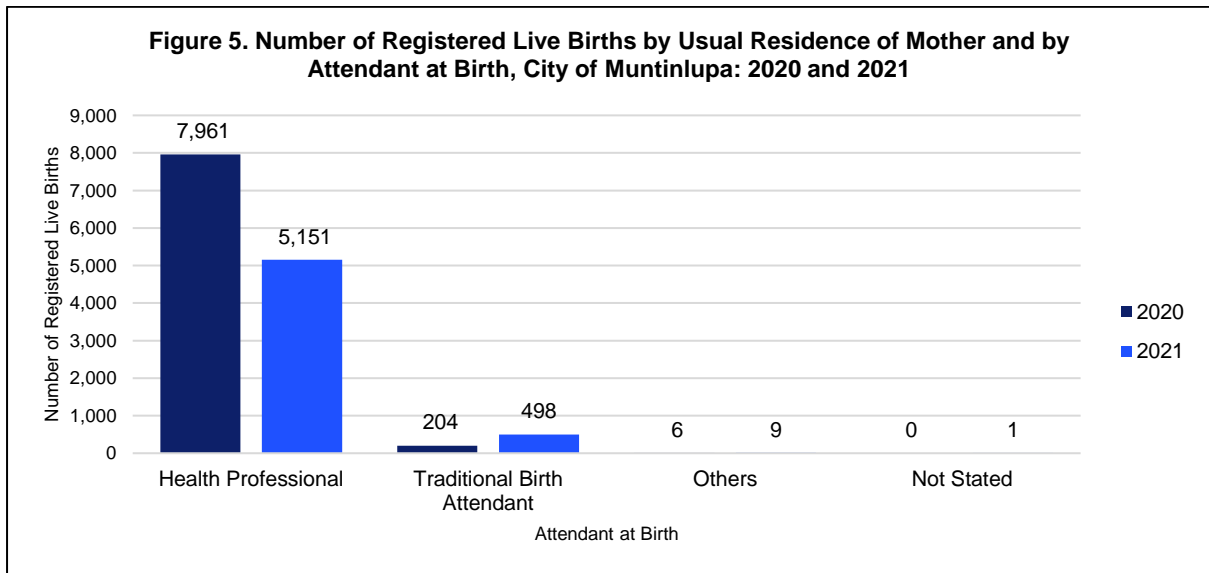
The highest number of registered live births in 2021 occurred in the month of November at 564 or 10.0 percent of the total births in the city. It was followed by the month of September with 9.6 percent, and October with 9.1 percent. On the other hand, the month of February had the lowest number of births with 5.8 percent. (See Figure 4)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

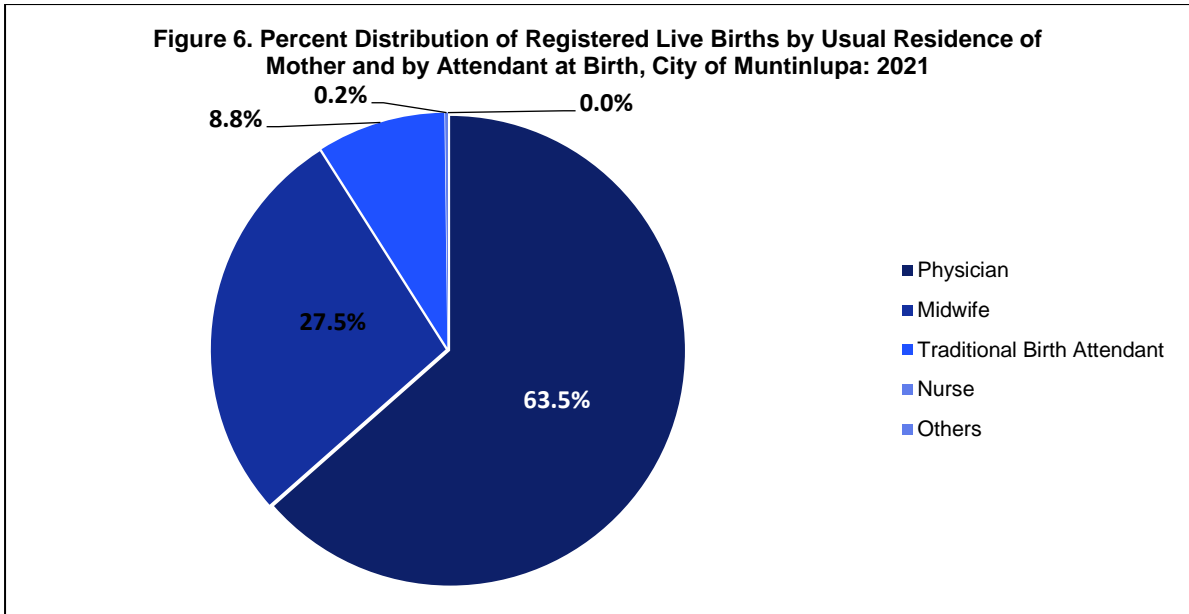
Nine in ten births were medically attended.

Nine out of ten birth deliveries were attended by health professionals. It decreased from 7,961 or 97.4 percent in 2020 to 5,151 or 91.0 percent in 2021, while births attended by traditional birth attendants or “hilots” increased from 204 or 2.5 percent in 2020 up to 498 or 8.8 percent in 2021. (See Figure 5)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Of the total number of births in the City of Muntinlupa, most of it were attended by health professionals such as physician, midwife, or nurse. The majority of births were delivered by physicians at 63.5 percent, followed by midwives at 27.5 percent and nurses at 0.2 percent. On the other hand, 0.0 percent of births were recorded as others. (See Figure 6)

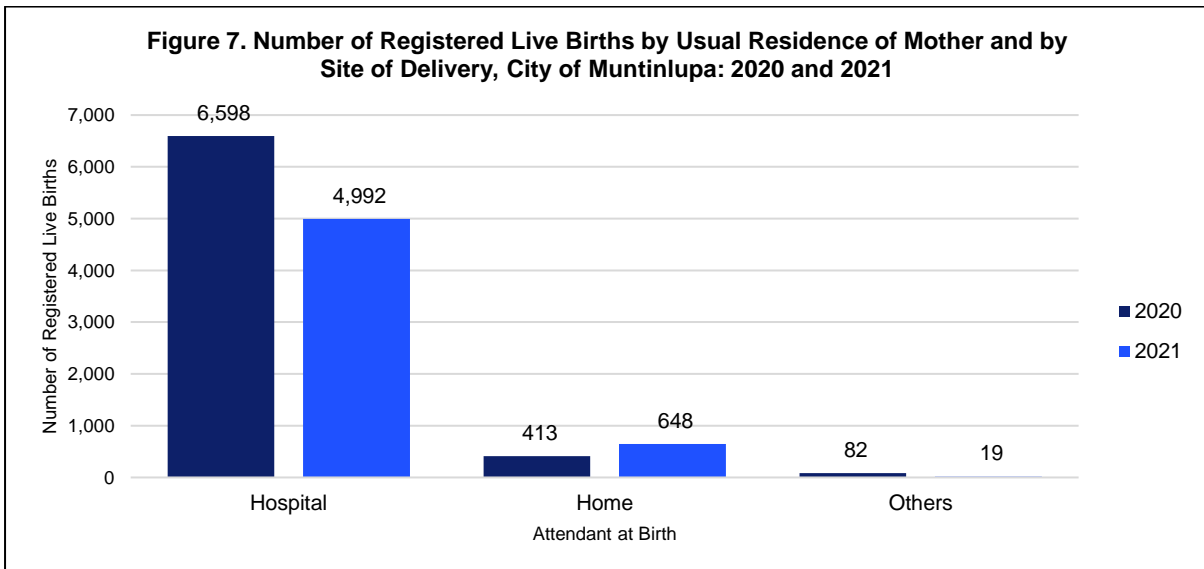


Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Eight in ten births are delivered in health facilities.

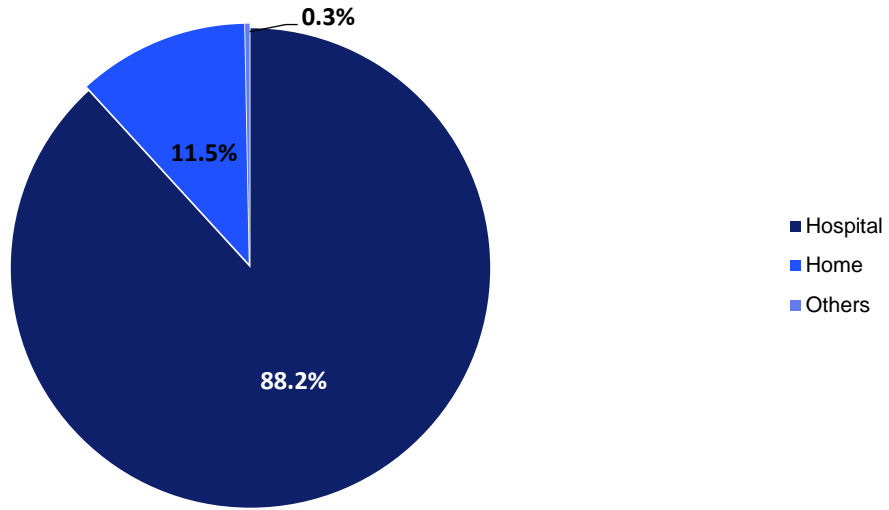
Mother’s choice of place of delivery has implications on maternal and child mortality. Giving birth at a health facility with a skilled attendant greatly increases the chances of survival for both mother and baby.

In 2021, eight out of ten deliveries or 88.2 percent were performed in health facilities like hospitals, birthing clinic, lying in, outpatient care center, specialized care center, and other similar places in the City of Muntinlupa. It decreased from 6,598 or 93.0 percent in 2020. Only 11.5 percent of total births were delivered at home and 0.3 percent were delivered in other locations. (See Figure 7 and 8)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Figure 8. Percent Distribution of Registered Live Births by Usual Residence of Mother and by Site of Delivery, City of Muntinlupa: 2021



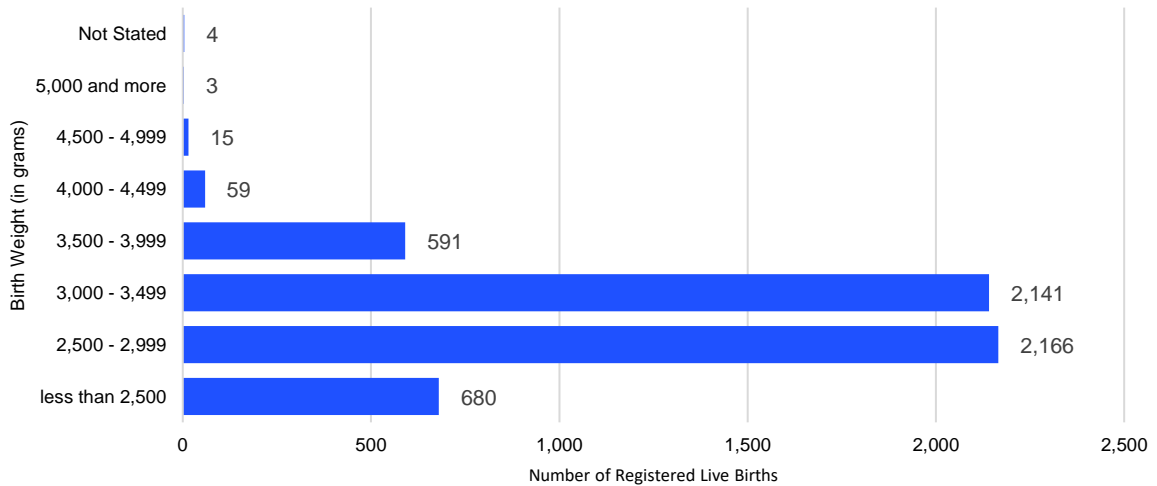
Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Most newborn babies weigh more than 3,000 grams.

The nutritional status of newborns is measured by their birth weight. The World Health Organization (WHO) defines low birth weight as less than 2,500 grams or 5.5 pounds at birth.

Of the total number of newborn babies in the City of Muntinlupa, 4,975 or 88.0 percent were above the criteria for low birth weight. Furthermore, 2,166 or 38.3 percent of most babies weighed between 2,500 and 2,999 grams. (See Figure 9)

Figure 9. Number of Registered Live Births by Usual Residence of Mother and by Birth Weight, City of Muntinlupa: 2021

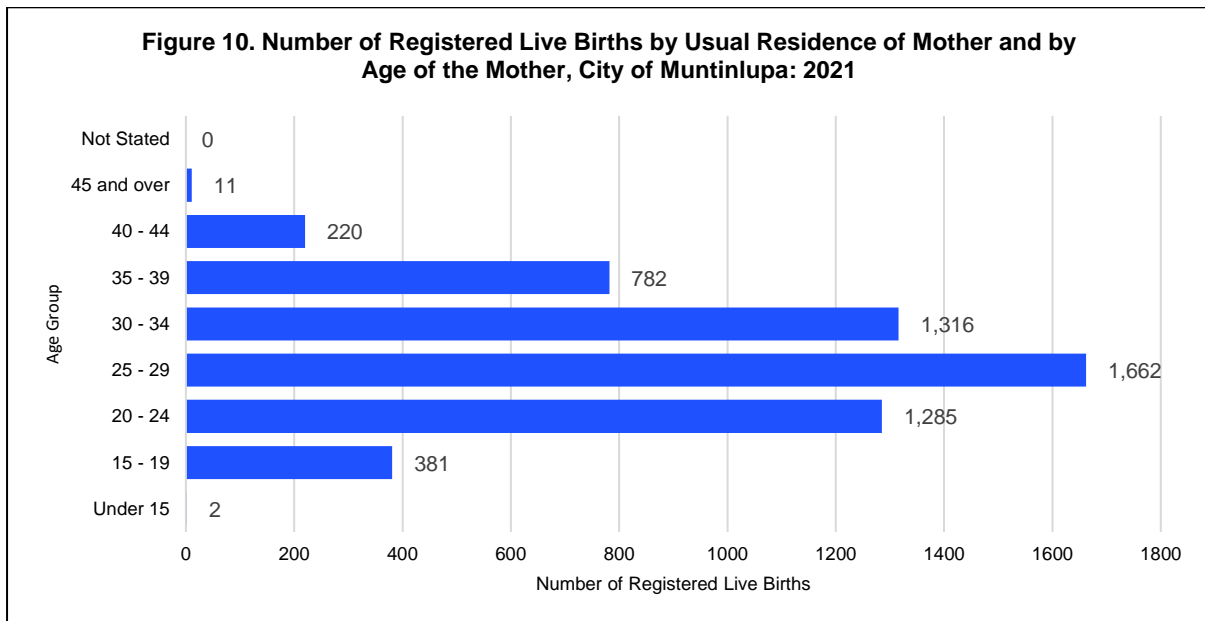


Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

The majority of babies born to mother aged 25-29 years old.

Mothers in the age group of 25–29 recorded the highest frequency of live births, with 1,662 or 29.4 percent of the total number of registered live births in the City of Muntinlupa.

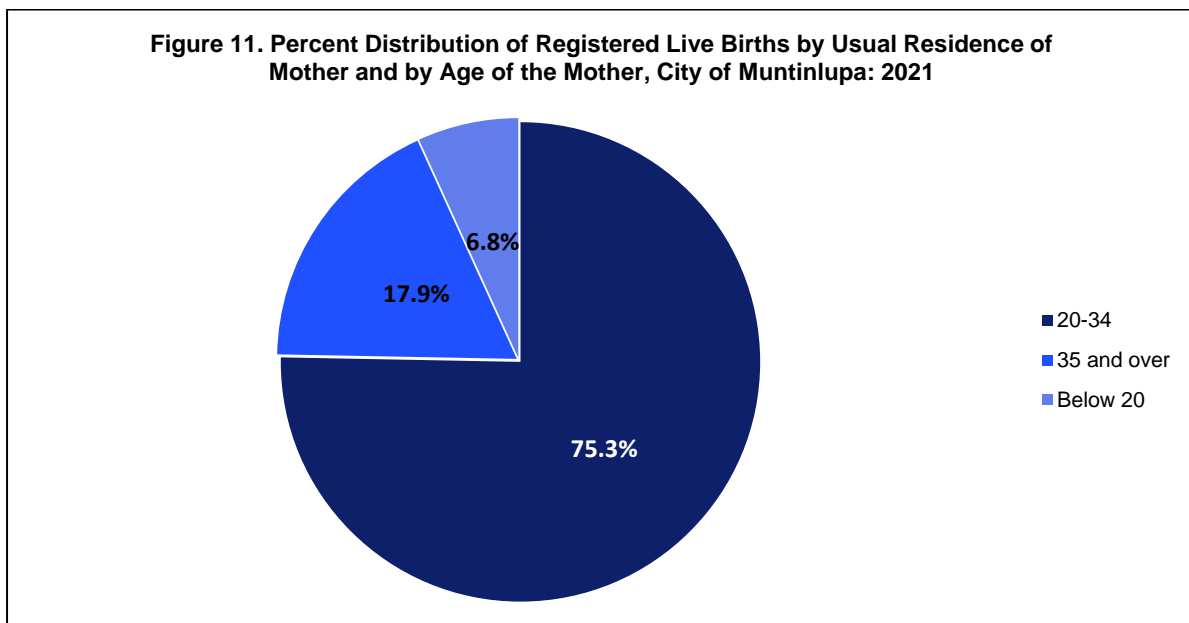
This means that most of the registered births in 2021 were to mothers aged between 25 and 29 years old followed by age groups of 30-34 and 20-24. (See Figure 10)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Those between the ages of 17 and younger and 35 years old and over are considered to be at "high risk" of pregnancy. This is because childbearing in these age groups is more likely to have complications during pregnancy and labor that may result in higher morbidity and mortality for both mother and child.

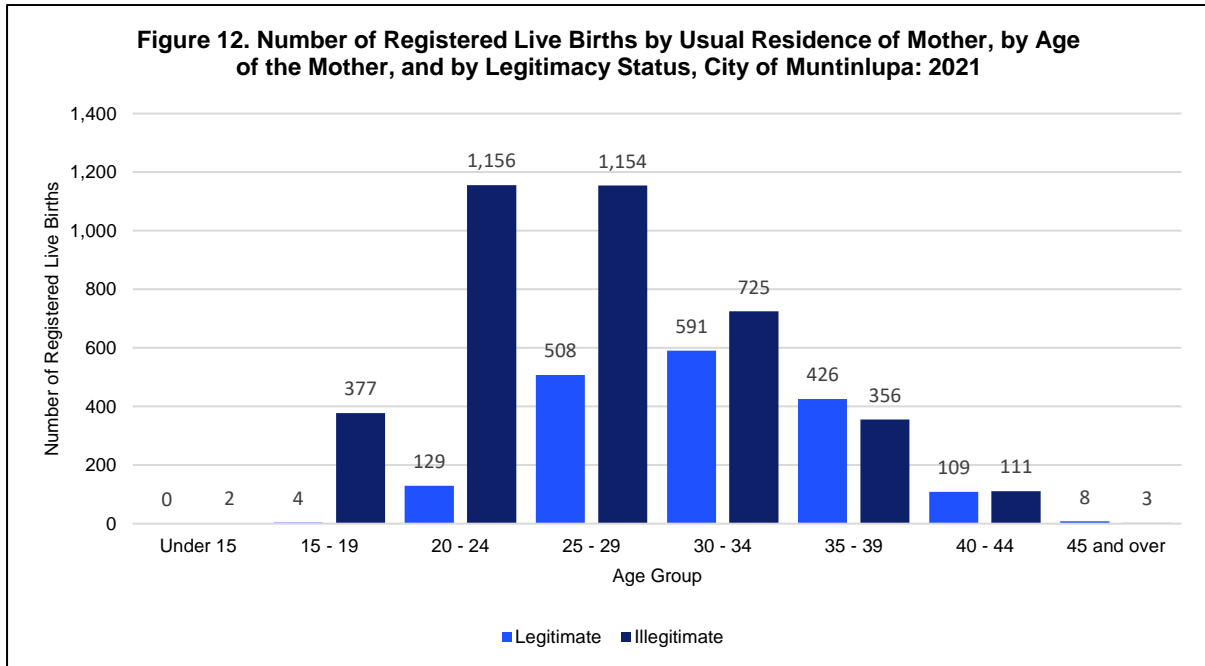
In 2021, about 6.8 percent of the babies born were recorded for mothers younger than 20 years old, while around 17.9 percent were for mothers 35 years and older. (See Figure 11)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

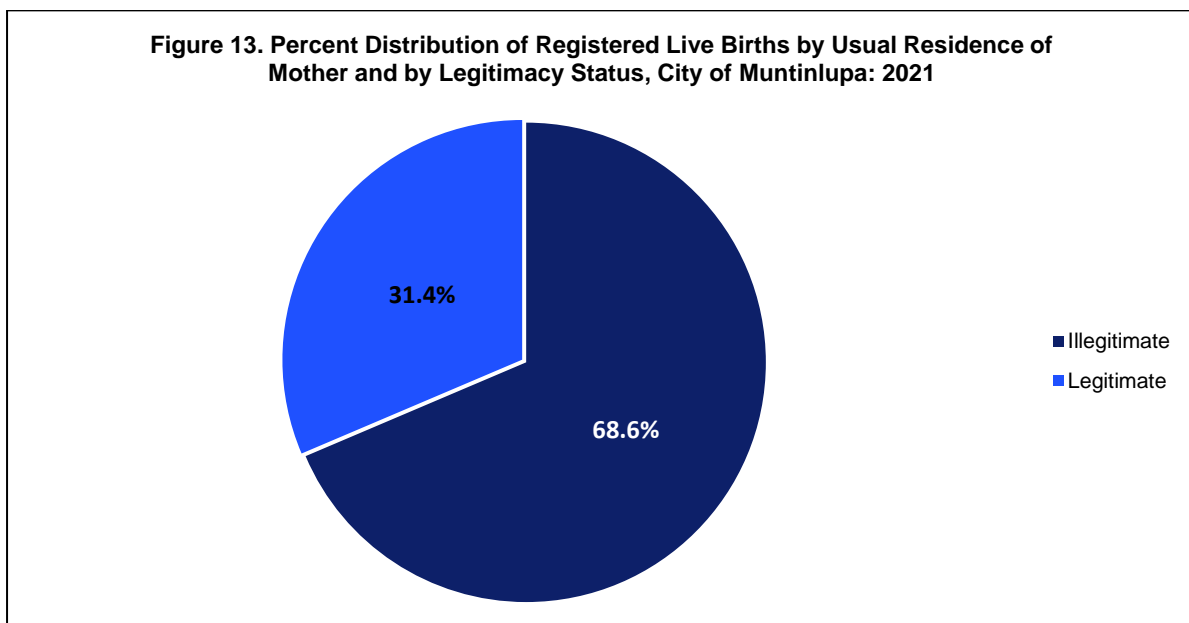
More than half of newborns were born to unmarried mothers.

Mothers aged 20-24 years had the highest number of illegitimate babies in 2021, contributing 1,156 or 29.8 percent of the total illegitimate births that were registered in the City of Muntinlupa that year. This was followed by mothers aged 25-29 years, who contributed 1,154 or 29.7 percent and mothers aged 30-34 years with 725 or 18.7 percent share. (See Figure 12)



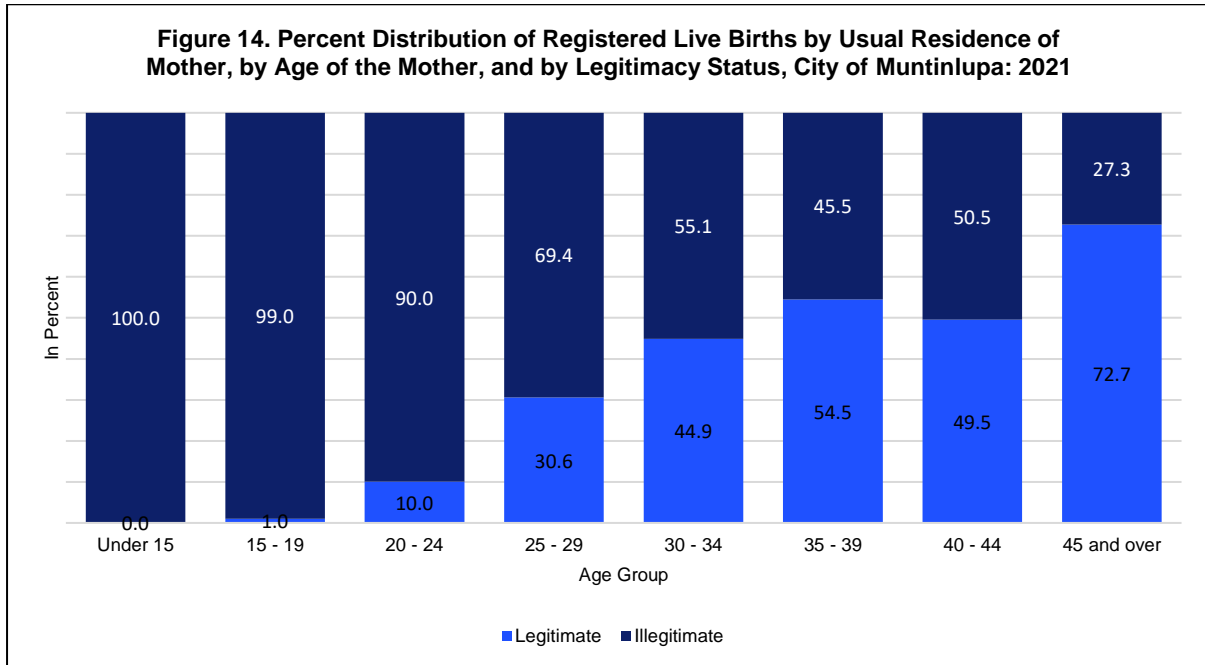
Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Furthermore, more than half of the total registered live births in 2021 were born out of wedlock in the City of Muntinlupa. A total of 3,884 or 68.6 percent of the babies born in the city were recorded as illegitimate, while on the other hand, only 1,775 or 31.4 percent were born to married parents. (See Figure 13)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

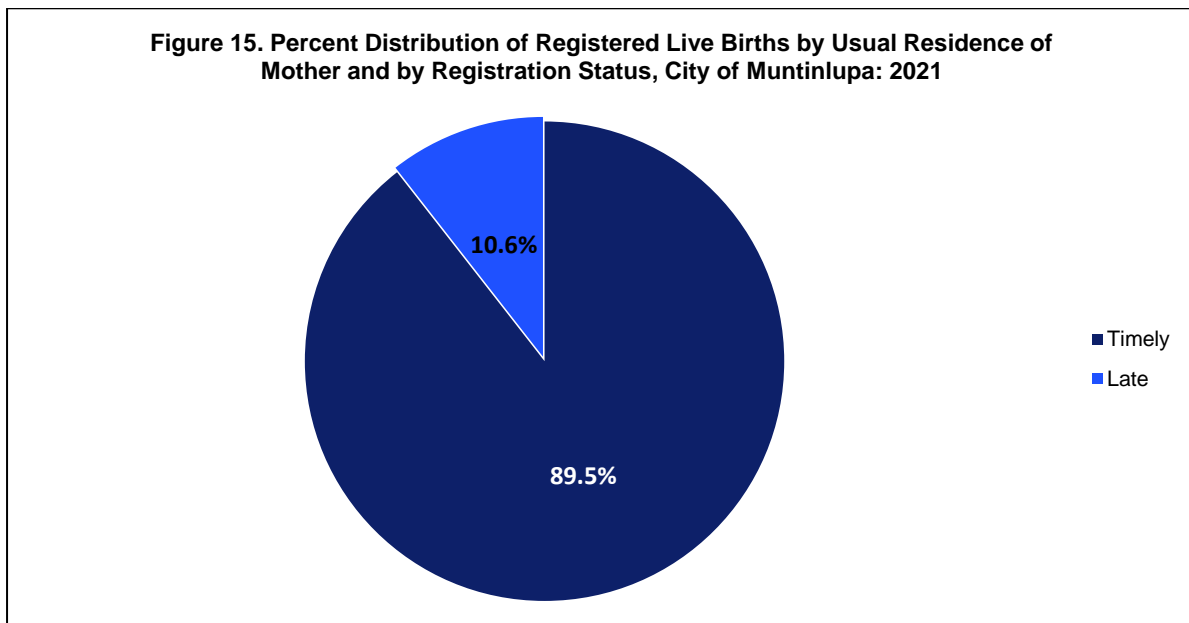
By age group of mothers, the highest proportion of illegitimate births were to adolescent mothers aged under 15. Of the total number of babies born to this age group, all of them were illegitimate. This was followed by births to adolescent mothers aged 15-19 years old and mothers aged 20-24 years old, with 99.0 percent and 90.0 percent respectively of births being illegitimate. On the other hand, the least proportion of illegitimate babies were mothers aged 45 years old and over at 27.3 percent. (See Figure 14)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

More than 80 percent were registered on time.

The birth of a child shall be registered within thirty days from the time of birth to be considered timely registration. In the City of Muntinlupa, eight of every ten registered births in 2021 were on time. (See Figure 15)



Source: Philippine Statistics Authority, Civil Registration Service, Vital Statistics Division

Technical Notes


Civil Registration is the recording in the appropriate civil registers, vital acts and events that affect the civil status of individuals.

Vital Statistics are derived from information obtained at the time when the occurrences of vital events and their characteristics are inscribed in a civil register.

Vital acts and events are the births, deaths, fetal deaths, marriages, and all such events that have something to do with an individual's entrance and departure from life together with the changes in civil status that may occur to a person during his lifetime. Recording of these events in the civil register is known as vital or civil registration and the resulting documents are called vital records.

- **Live Birth** - is the complete expulsion or extraction from its mother of a product of conception, 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 umbilical cord, or definite movement of the voluntary muscles. Whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born.
- **Sex Ratio** - refers to the number of males per one hundred females.
- **Usual Residence** - refers to the place where the person habitually or permanently resides.

For more details, please visit www.psa.gov.ph


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Attachments:

1. *Table 1. Number and Percent Change of Live Births by Usual Residence of Mother and by Sex, City of Muntinlupa: 2012-2021*
2. *Table 2. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Month, and by Sex, City of Muntinlupa: 2021*
3. *Table 3. Number and Percent Distribution of Live Births by Usual Residence of Mother and by Attendant at Birth, and by Sex, City of Muntinlupa: 2021*
4. *Table 4. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Site of Delivery, and by Sex, City of Muntinlupa: 2021*
5. *Table 5. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Birth Weight, and by Sex, City of Muntinlupa: 2021*
6. *Table 6. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Age of the Mother, by Sex, and by Legitimacy Status: City of Muntinlupa: 2021*
7. *Table 7. Number of Live Births by Usual Residence of Mother, by Month, and by Registration Status: City of Muntinlupa: 2021*

Table 1. Number and Percent Change of Live Births by Usual Residence of Mother and by Sex, City of Muntinlupa: 2012-2021

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Usual Residence of Mother										
Both Sexes	8,892	8,682	8,727	8,270	7,391	7,493	7,894	8,171	7,093	5,659
Male	4,615	4,542	4,468	4,312	3,836	3,915	4,109	4,256	3,677	2,943
Female	4,277	4,140	4,259	3,958	3,555	3,578	3,785	3,915	3,416	2,716
Percent Change		-2.4	0.5	-5.2	-10.6	1.4	5.4	3.5	-13.2	-20.2
Daily Average	24	24	24	23	20	21	22	22	19	16

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division

Leap years: 2012, 2016 and 2020

Table 2. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Month, and by Sex, City of Muntinlupa: 2021

Month	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	5,659	100.00	2,943	100.00	2,716	100.00
January	413	7.3	204	6.9	209	7.7
February	328	5.8	181	6.2	147	5.4
March	404	7.1	208	7.1	196	7.2
April	429	7.6	209	7.1	220	8.1
May	478	8.4	251	8.5	227	8.4
June	501	8.9	260	8.8	241	8.9
July	492	8.7	270	9.2	222	8.2
August	492	8.7	231	7.8	261	9.6
September	542	9.6	301	10.2	241	8.9
October	517	9.1	279	9.5	238	8.8
November	564	10.0	286	9.7	278	10.2
December	499	8.8	263	8.9	236	8.7

Table 3. Number and Percent Distribution of Live Births by Usual Residence of Mother and by Attendant at Birth, and by Sex, City of Muntinlupa: 2021

Attendant at Birth	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	5,659	100.0	2,943	100.0	2,716	100.0
Physician	3,591	63.5	1,910	64.9	1,681	61.9
Nurse	5	0.1	0	0.0	5	0.2
Midwife	1,555	27.5	780	26.5	775	28.5
Traditional Birth Attendant	498	8.8	247	8.4	251	9.2
Others	9	0.2	6	0.2	3	0.1
Not stated	1	0.0	0	0.0	1	0.0

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division

Table 4. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Site of Delivery, and by Sex, City of Muntinlupa: 2021

Attendant at Birth	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	5,659	100.0	2,943	100.0	2,716	100.0
Hospital	4,992	88.2	2,608	88.6	2,384	87.8
Home	648	11.5	324	11.0	324	11.9
Others	19	0.3	11	0.4	8	0.3
Not stated	0	0.0	0	0.0	0	0.0

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division

Table 5. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Birth Weight, and by Sex, City of Muntinlupa: 2021

Birth Weight (in grams)	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	5,659	100.0	2,943	100.0	2,716	100.0
less than 2,500	680	12.0	323	11.0	357	13.1
2,500 - 2,999	2,166	38.3	1,101	37.4	1,065	39.2
3,000 - 3,499	2,141	37.8	1,134	38.5	1,007	37.1
3,500 - 3,999	591	10.4	339	11.5	252	9.3
4,000 - 4,499	59	1.0	35	1.2	24	0.9
4,500 - 4,999	15	0.3	7	0.2	8	0.3
5,000 and more	3	0.1	2	0.1	1	0.0
Not Stated	4	0.1	2	0.1	2	0.1

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division

**Table 6. Number and Percent Distribution of Live Births by Usual Residence of Mother, by Age of the Mother, by Sex, and by Legitimacy Status:
City of Muntinlupa: 2021**

Age Group of the Mother	Total		Male						Female					
			Total		Legitimate		Illegitimate		Total		Legitimate		Illegitimate	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	5,659	100.0	2,943	100.0	915	100.0	2,028	100.0	2,716	100.0	860	100.0	1,856	100.0
Under 15	2	0.0	1	0.0	0	0.0	1	0.0	1	0.0	0	0.0	1	0.1
15 - 19	381	6.7	208	7.1	2	0.2	206	10.2	173	6.4	2	0.2	171	9.2
20 - 24	1,285	22.7	656	22.3	65	7.1	591	29.1	629	23.2	64	7.4	565	30.4
25 - 29	1,662	29.4	893	30.3	260	28.4	633	31.2	769	28.3	248	28.8	521	28.1
30 - 34	1,316	23.3	676	23.0	313	34.2	363	17.9	640	23.6	278	32.3	362	19.5
35 - 39	782	13.8	403	13.7	220	24.0	183	9.0	379	14.0	206	24.0	173	9.3
40 - 44	220	3.9	102	3.5	51	5.6	51	2.5	118	4.3	58	6.7	60	3.2
45 and over	11	0.2	4	0.1	4	0.4	0	0.0	7	0.3	4	0.5	3	0.2
Not Stated	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division

Table 7. Number of Live Births by Usual Residence of Mother, by Month, and by Registration Status: City of Muntinlupa: 2021

Month of Occurrence	Registration Status					
	Total		Timely		Late	
	Number	Percent	Number	Percent	Number	Percent
Total	5,659	100.00	5,062	100.00	597	100.00
January	413	7.30	359	7.09	54	9.05
February	328	5.80	292	5.77	36	6.03
March	404	7.14	312	6.16	92	15.41
April	429	7.58	376	7.43	53	8.88
May	478	8.45	418	8.26	60	10.05
June	501	8.85	453	8.95	48	8.04
July	492	8.69	430	8.49	62	10.39
August	492	8.69	427	8.44	65	10.89
September	542	9.58	497	9.82	45	7.54
October	517	9.14	477	9.42	40	6.70
November	564	9.97	545	10.77	19	3.18
December	499	8.82	476	9.40	23	3.85

Source: Philippine Statistics Authority, Civil Registration Services, Vital Statistics Division