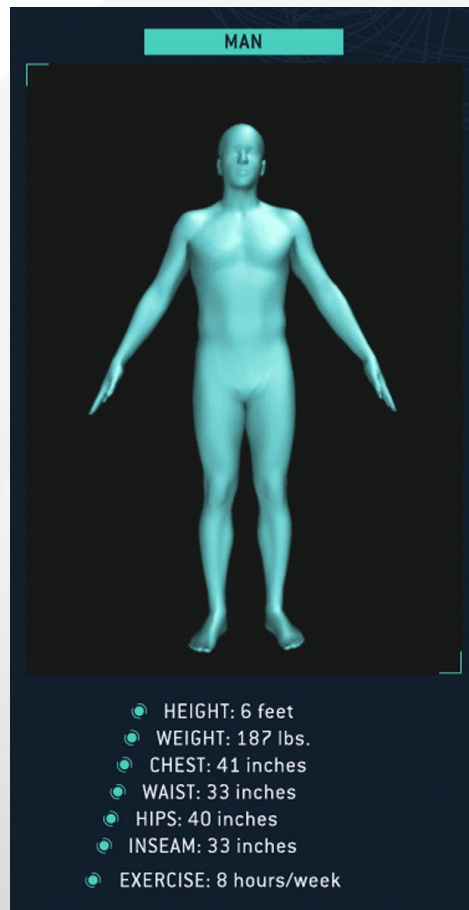


Introduction


Vital event refers to the live birth, death, fetal death, marriage, divorce, adoption, legitimation, recognition of parenthood, annulment of marriage, or legal separation.

Ideal Vital Statistics of a Man



Ideal Vital Statistics of a Woman

WOMAN



- HEIGHT: 5 feet 5 inches
- WEIGHT: 128 lbs.
- CHEST: 36 inches
- WAIST: 26 inches
- HIPS: 36 inches
- INSEAM: 30 inches
- EXERCISE: 6 hours/week

MILLENNIALS' IDEAL WOMAN	GEN XERS' IDEAL WOMAN	BABY BOOMERS' IDEAL WOMAN
		
<ul style="list-style-type: none">● HEIGHT: 5 feet 5 inches● WEIGHT: 128 lbs.● CHEST: 36 inches● WAIST: 26 inches● HIPS: 36 inches● INSEAM: 30 inches● EXERCISE: 6 hours/week	<ul style="list-style-type: none">● HEIGHT: 5 feet 5 inches● WEIGHT: 130 lbs.● CHEST: 37 inches● WAIST: 26 inches● HIPS: 37 inches● INSEAM: 30 inches● EXERCISE: 6 hours/week	<ul style="list-style-type: none">● HEIGHT: 5 feet 5 inches● WEIGHT: 121 lbs.● CHEST: 36 inches● WAIST: 25 inches● HIPS: 35 inches● INSEAM: 30 inches● EXERCISE: 5 hours/week

Introduction

Vital statistics are statistics on live births, deaths, fetal deaths, marriages and divorces. The most common way of collecting information on these events is through [civil registration](#), an administrative system used by governments to record vital events which occur in their populations.

Introduction

- The PSA generates important statistics on vital events.
- These statistical data will assist the planners, policy makers, program managers and researchers in monitoring, evaluation and development of socio-economic programs.
- The compilations of data were based on the registered certificates forwarded by the Local Civil Registry Offices (LCRO) to the Office of the Civil Registrar General (OCRG) through the Provincial Offices of the PSA.
- Reports of vital events occurring abroad from Philippine Foreign Service Posts (PFSP) are forwarded to the Department of Foreign Affairs (DFA) and subsequently submitted to the PSA.

Introduction

Establishing date of birth and age

- School registration
- Obtaining driver's license
- Proving age of majority/minority in court
- Qualifying for pensions, social security or health insurance
 - Obtaining work permits
 - Voting
- Entering military service
- Obtaining a social security number
 - Playing sports

Establishing birthplace to prove citizenship

- obtaining a passport
- Entering employment limited to citizens
- Obtaining licenses limited to citizens.

Uses of Birth Certificates/ Birth Data



Establishing family relationships

- Proving legal dependency
- Obtaining inheritance benefits
- Receiving insurance benefits
- Conducting genealogical research.

•Uses of Birth Data

- Evaluating prenatal care
- Immunizing children
- Caring for children with congenital anomalies
- Monitoring risk factors causing poor pregnancy outcomes
- Evaluating the need for health facilities
- Estimating school enrolment and planning new schools
- Planning and evaluating effectiveness of family planning programs

Introduction

Establishing the fact and date of death

- Claiming life insurance benefits
 - Claiming pensions
 - Settling estates

Establishing certain facts about decedent

- Cause and circumstances of death
 - Death and place of interment
- Evidence of age, gender and race
- Genealogical information

Uses of Death Certificates/ Death Data



•Uses of Death Data

- Measuring life expectancy
- Monitoring infant deaths
- Determining incidence of specific causes of death
- Planning the control of communicable disease
- Monitoring risk factors that cause premature death
- Investigating nature and place of occurrence of fatal accidents
- Assessing environmental and occupational health hazards

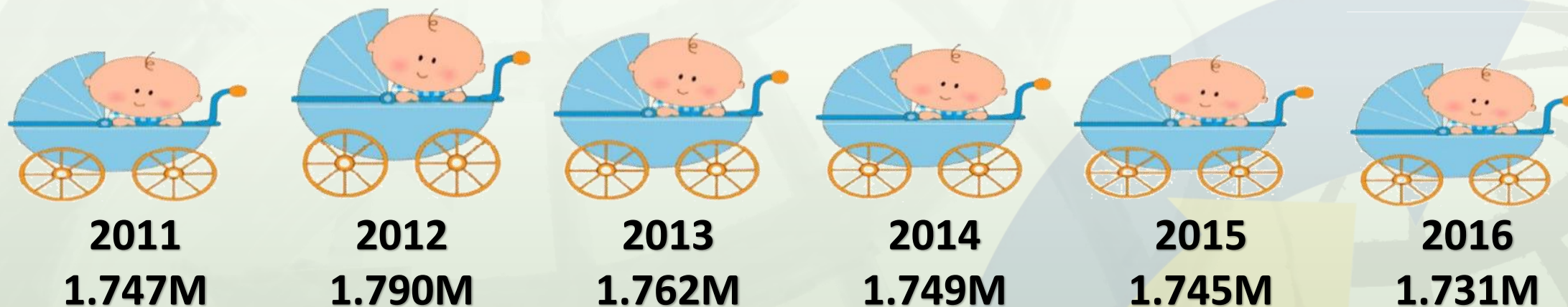


Presentation of Statistics

Statistics on Births

Live Births per Year

In the Philippines, number of births declined slowly from 1.747 million in 2011 to 1.731 million in 2016.



Registration of Live Births

STATISTICS ON LIVE BIRTHS

Number of Registered Live Births (monthly average)
(in Thousands) 2011-2016

The number of registered live births monthly had been declining from 145 thousand in 2012 to 144 thousand in 2016.



Live Births PER DAY, HOUR, PER MINUTE

STATISTICS ON LIVE BIRTHS

	2011	2012	2013	2014	2015	2016
Daily	4,785	4,892	 4,791	4,780	4,730	
Hourly	199	204		199	197	
Per Minute	3	3	3	3	3	

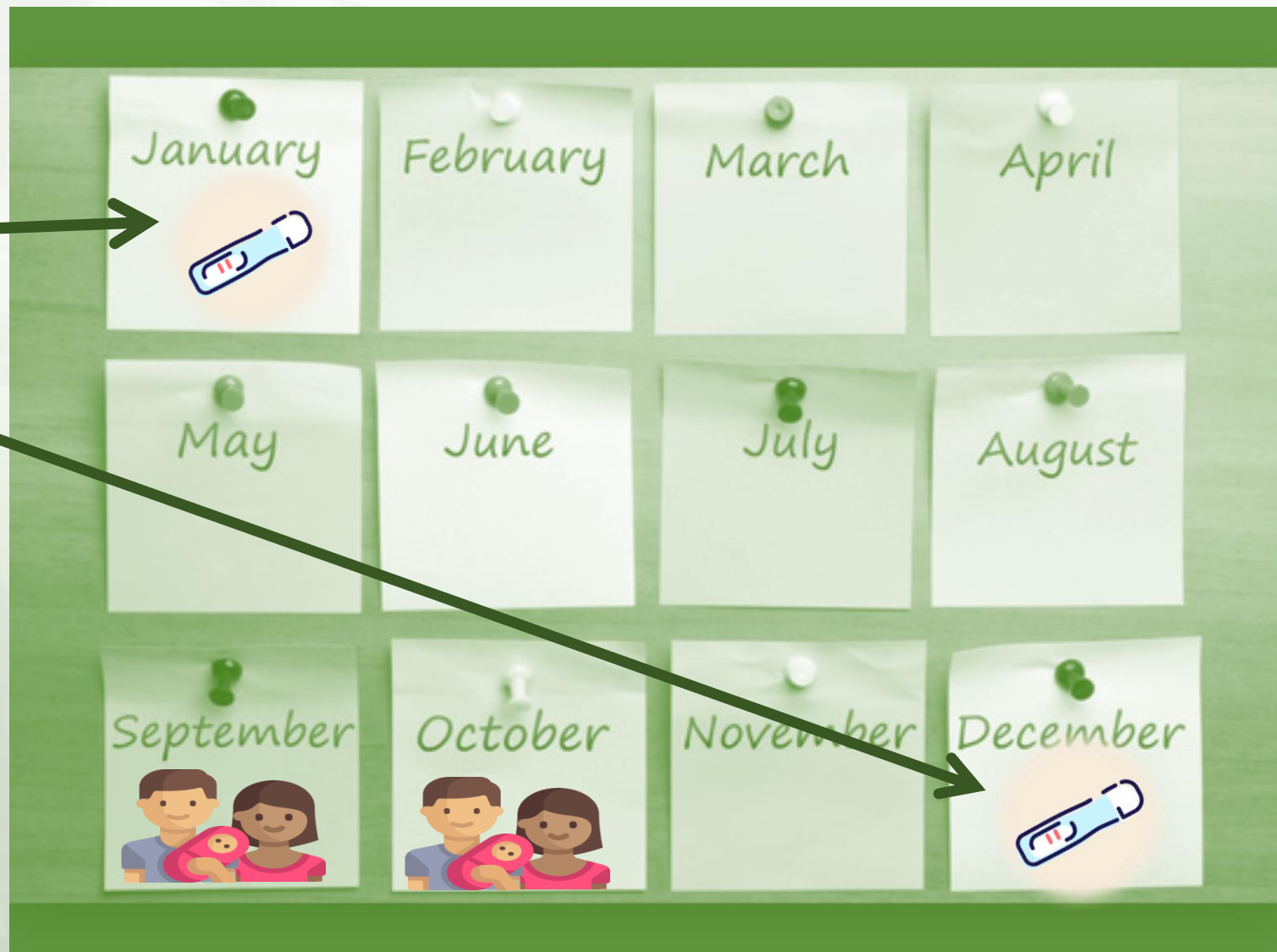
*For each day from 2011 to 2016, an average of **3 babies** are born per minute during the **1st half** of the year, and **4 babies** per minute in **2nd half** of the year; the least number of births per day are born on **February 29**, with **2 babies** per minute*

Months with the Most Births Per Year

STATISTICS ON LIVE BIRTHS

Most births occur in
September and October
for years
2006-2016

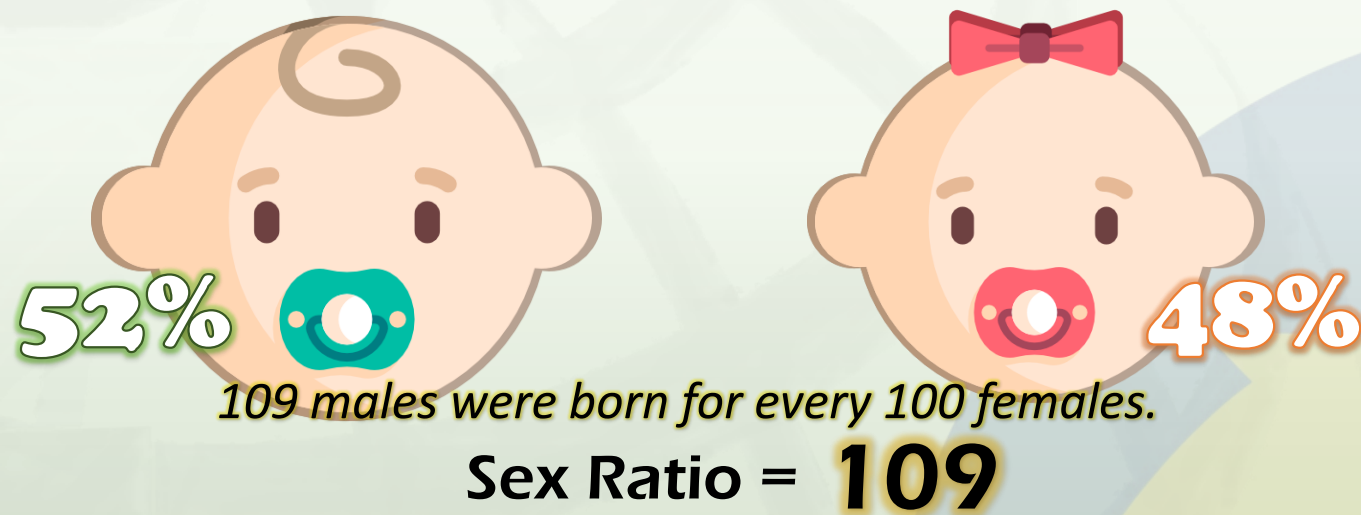
These babies were
conceived in **January**
and **December**



Male to Female Ratio

STATISTICS ON LIVE BIRTHS

In 2016, **more males were born than females**. The distribution of 52 percent males and 48 percent females followed the similar distribution between sexes during the period 2010-2015.

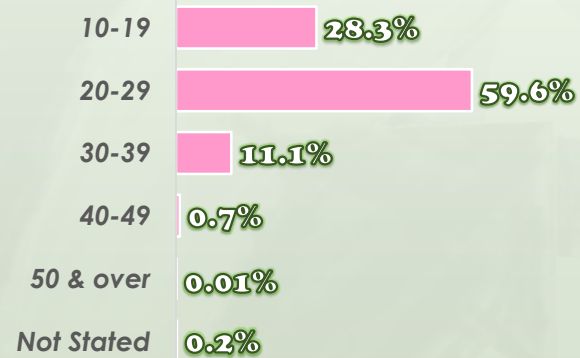


Birth Order Statistics

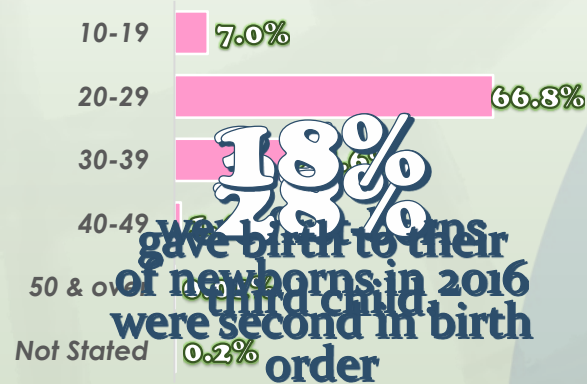
STATISTICS ON LIVE BIRTHS



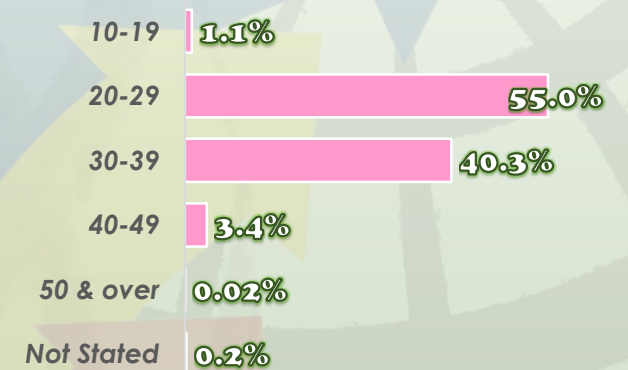
Age of Mother



Age of Mother

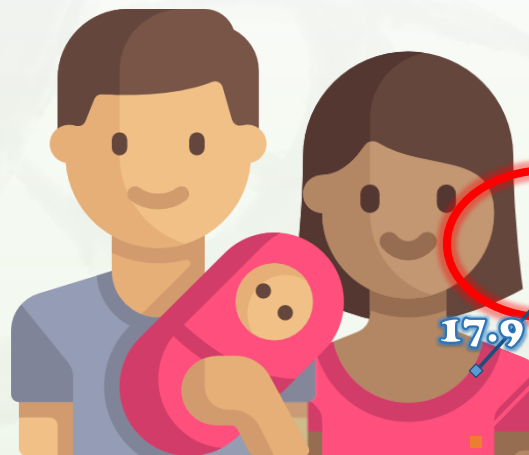


Age of Mother

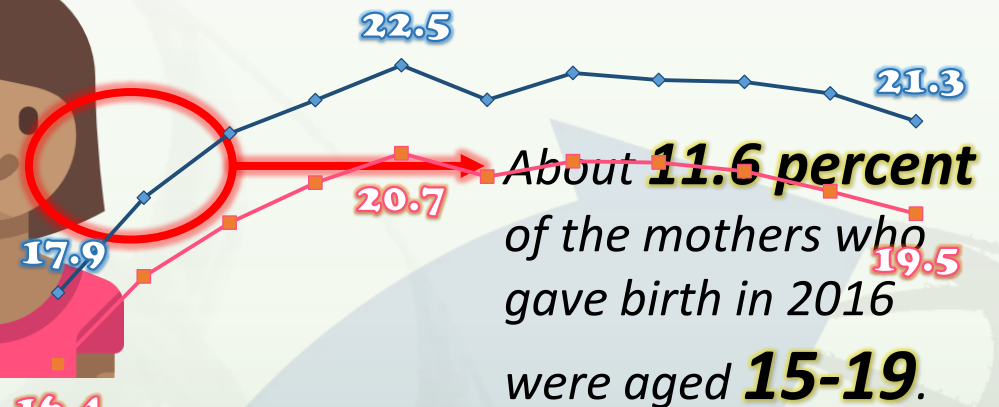


Age of Parents

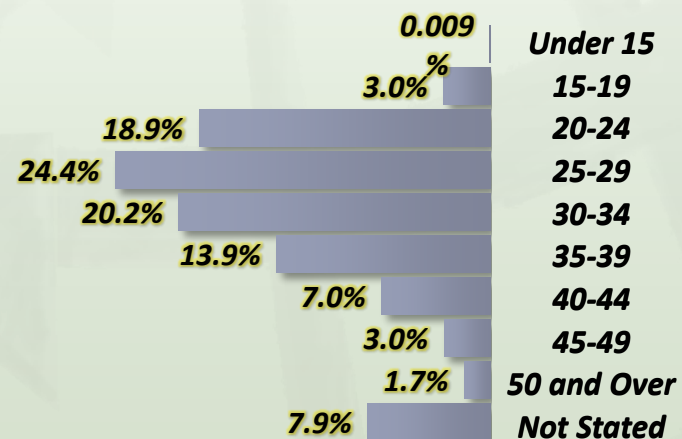
STATISTICS ON LIVE BIRTHS



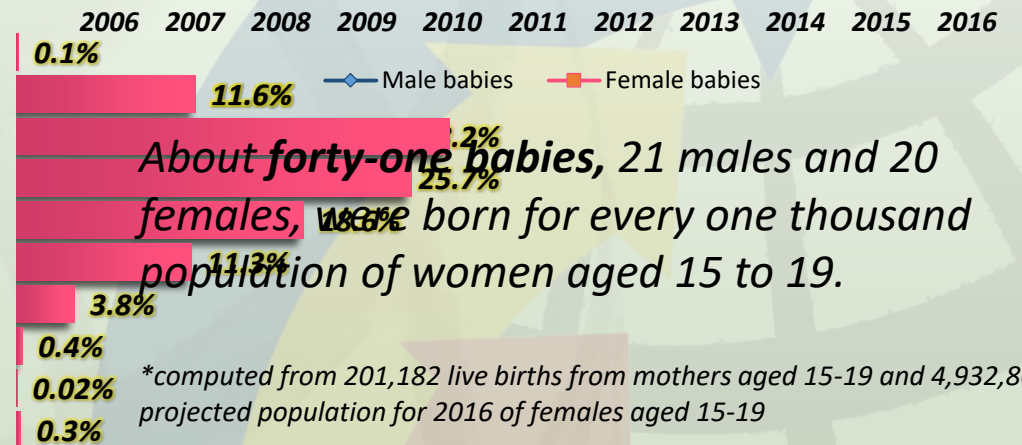
Adolescent Birth Rate, 2006-2016



Father's Age, 2016



Mother's Age, 2016



About **forty-one babies**, 21 males and 20 females, were born for every one thousand population of women aged 15 to 19.

*computed from 201,182 live births from mothers aged 15-19 and 4,932,800 projected population for 2016 of females aged 15-19

Age of Parents

STATISTICS ON LIVE BIRTHS



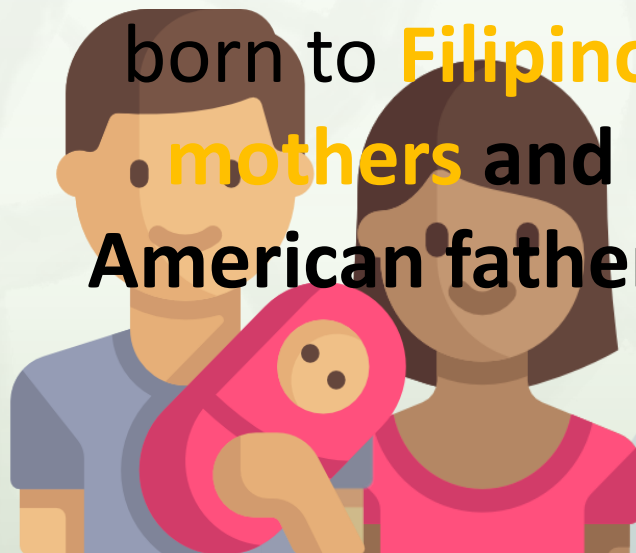
Oldest
father
87 years old

Oldest
mother
56 years old

Babies Born to a Non-Filipino Parent

STATISTICS ON LIVE BIRTHS

**1,595 babies are
born to Filipino
mothers and
American fathers**



**405 babies are
born to Filipino
fathers and either
Chinese or
Afghan mothers**

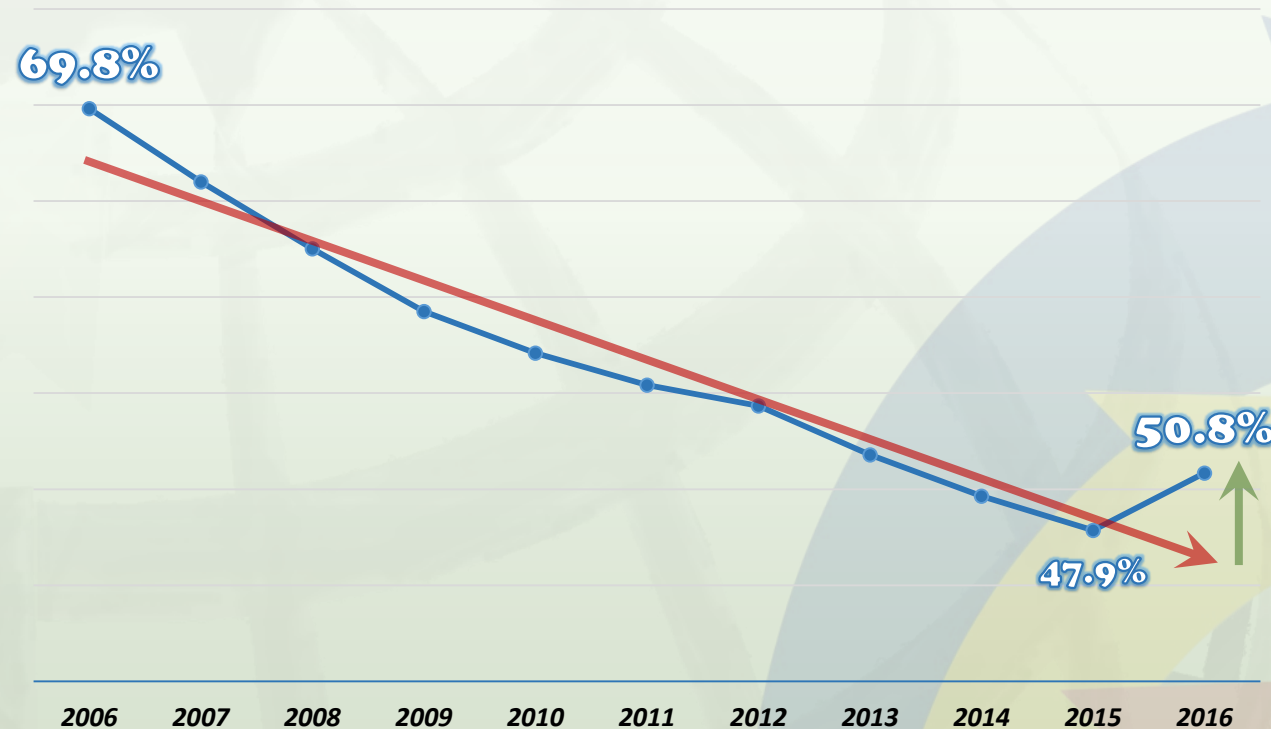
Legitimacy Status

STATISTICS ON LIVE BIRTHS

Legitimacy is a status of a child born to parents who are married to each other at time of birth.

Since 2006, there had been an observed decline in the percentage of legitimate children at birth.

Percentage of Legitimate Children at Birth, 2006-2016



However, in 2016, the percentage of legitimate children rose to **50.8 percent** from **47.9 percent** in 2015.

Professional Medical Attention

STATISTICS ON LIVE BIRTHS



The proportion of births attended by skilled health professionals rose from around 68 percent in 2006 to almost 92 percent in 2016.

**Proportion of Births Attended by Skilled Health Professionals
(2006-2016)**



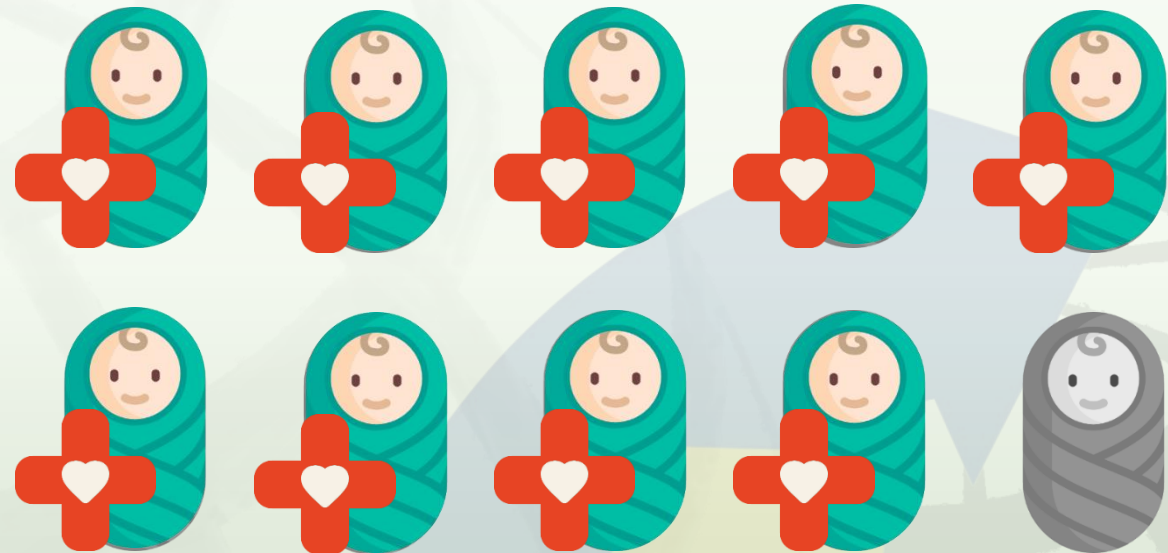
Professional Medical Attention

STATISTICS ON LIVE BIRTHS



The proportion of births attended by skilled health professionals rose from around 68 percent in 2006 to almost 91 percent in 2016.

From 7 out of 10 in 2006



to 9 out of 10 in 2016

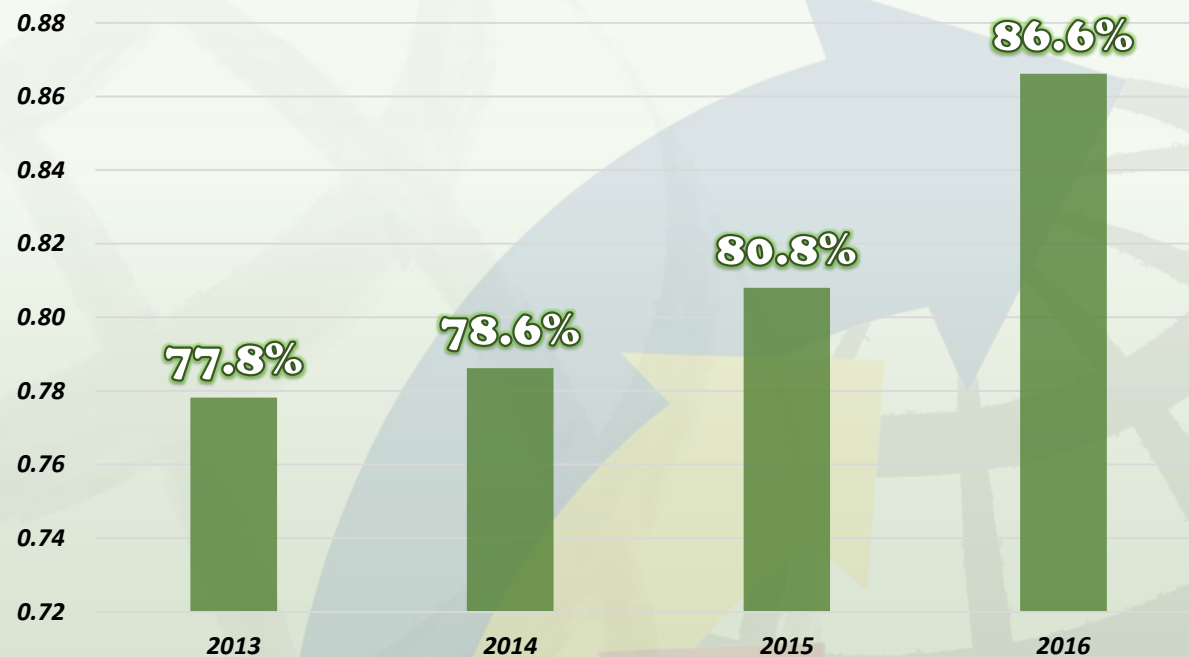
Access to Health Facilities

STATISTICS ON LIVE BIRTHS



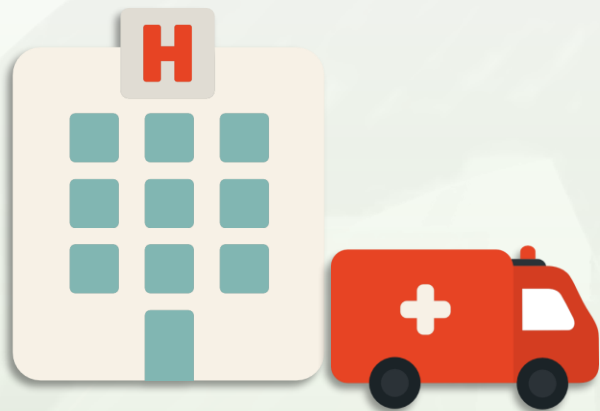
The proportion of births that occurred in a health facility rose from about 78 percent in 2013 to 87 percent in 2016.

**Proportion of Births that Occurred in a Health Facility
2013-2016**



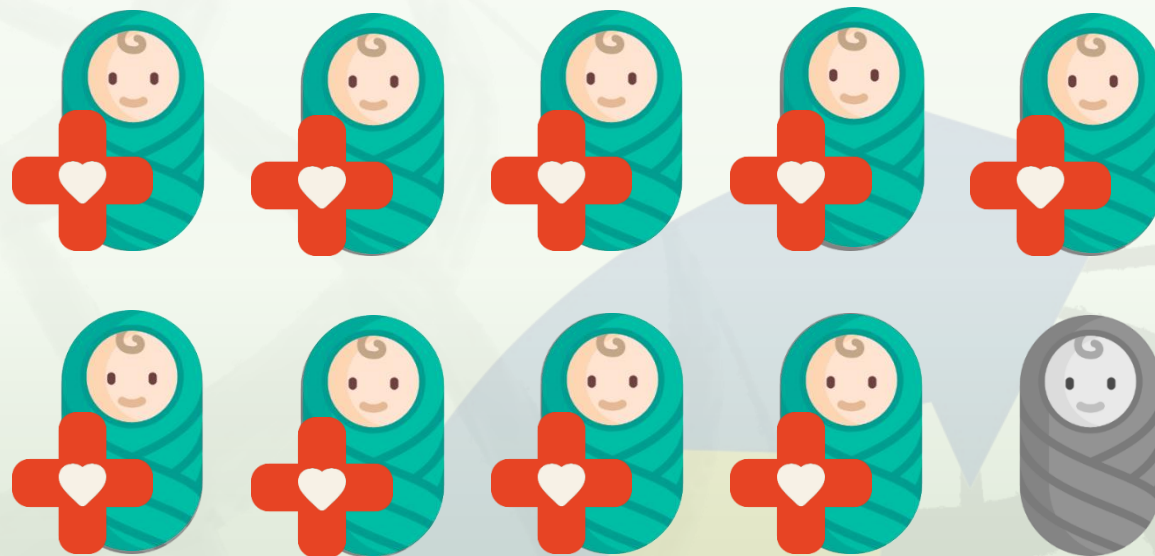
Access to Health Facilities

STATISTICS ON LIVE BIRTHS



The proportion of births that occurred in a health facility rose from about 78 percent in 2013 to 86 percent in 2016

From 8 out of 10 in 2013



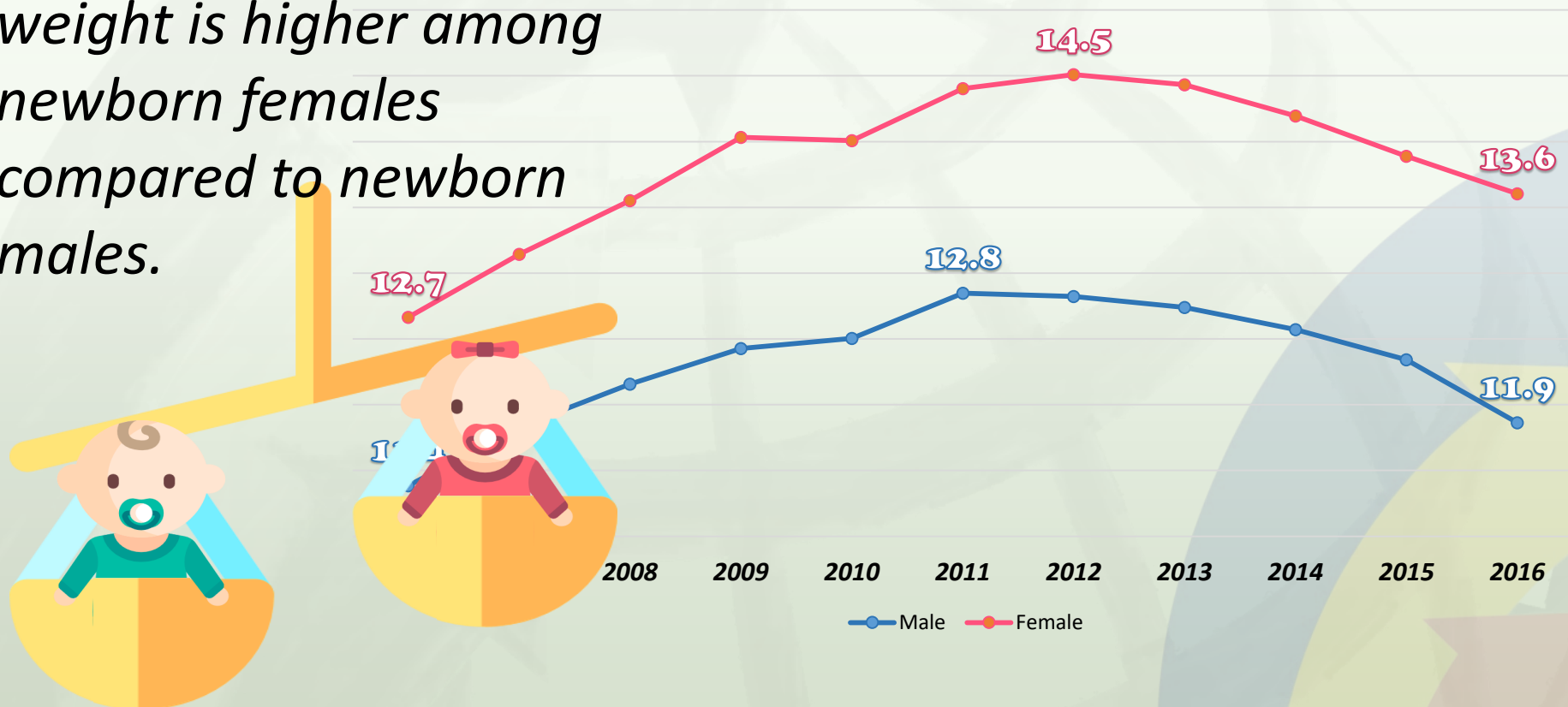
to about 9 out of 10 in 2016

Birth Weight

STATISTICS ON LIVE BIRTHS

The incidence of low birth weight is higher among newborn females compared to newborn males.

Percent of Low Birth Weight to Total Births, 2006-2016



Birth Weight

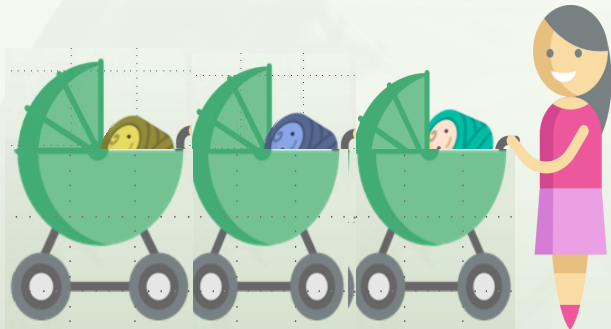
STATISTICS ON LIVE BIRTHS



*In 2016, the
median birth
weight is about
4,000 grams*

Highest Birth Order

STATISTICS ON LIVE BIRTHS



In 2016,
the highest
birth order
was **19**.

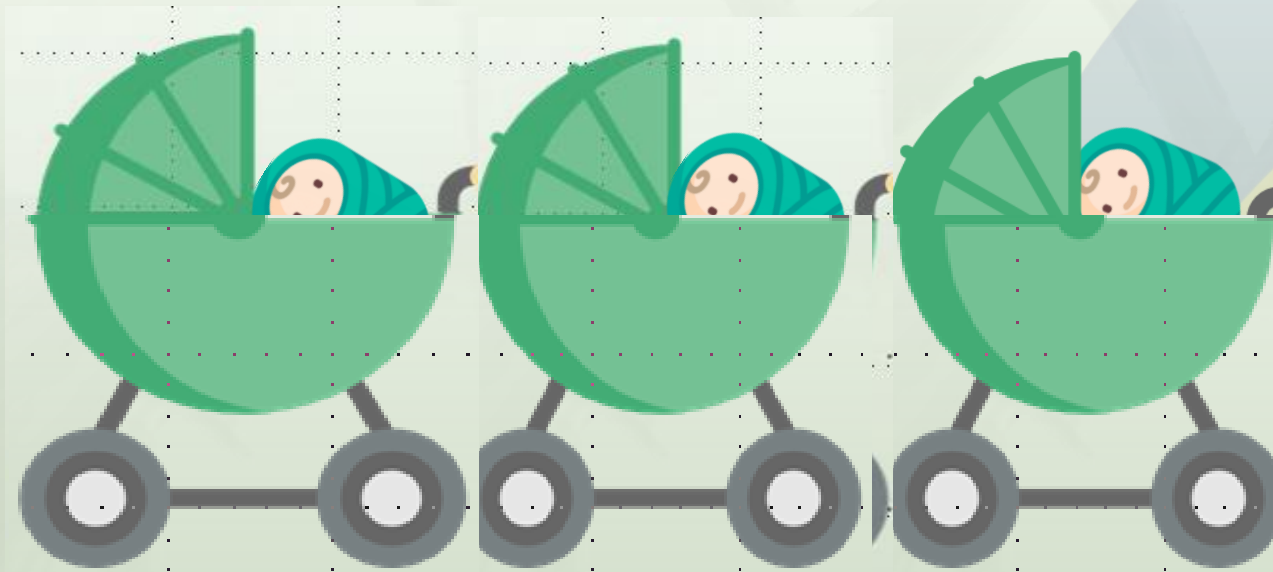


Multiple Births

STATISTICS ON LIVE BIRTHS

In 2016, highest multiple births are triplets , with **134 birth occurrences.**

The province of **Cebu** had the most number of twin births with more than 500.



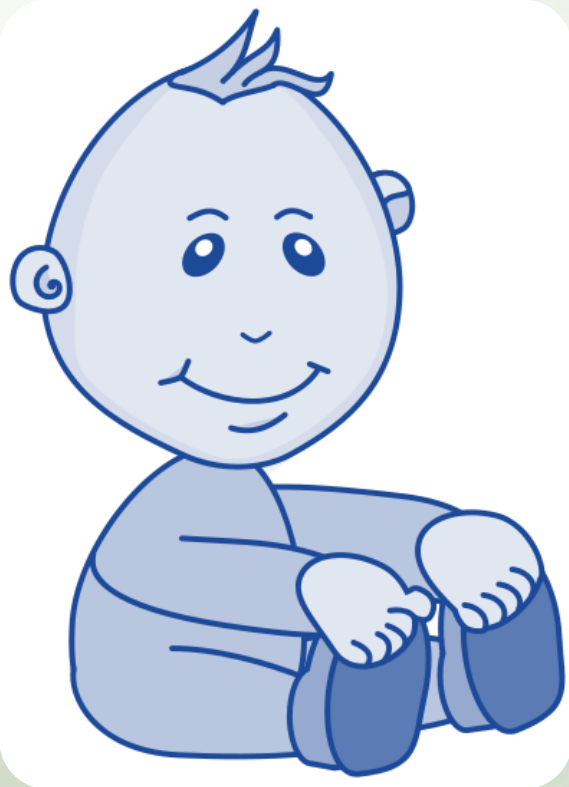
Common Names

STATISTICS ON LIVE BIRTHS



Most Common Names for Baby Boys

STATISTICS ON LIVE BIRTHS



<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
GABRIEL	NATHANIEL	NATHANIEL	NATHANIEL
JOSHUA	GABRIEL	JAMES	JAMES
JAMES	JAMES	ANGELO	JACOB
DANIEL	FRANCIS	JOSHUA	ANGELO
JACOB	JOSHUA	GABRIEL	JOSHUA

Most Common Names for Baby Girls

STATISTICS ON LIVE BIRTHS

2014

ANGEL

PRINCESS

ALTHEA

ANDREA

ANGELA

2015

ANGEL

ALTHEA

PRINCESS

ASHLEY

SAMANTHA

2016

ALTHEA

ANGEL

PRINCESS

SOPHIA

SAMANTHA

2017

ALTHEA

ANGEL

PRINCESS

SAMANTHA

ANGELA



Most Common Surnames in 2016

STATISTICS ON LIVE BIRTHS



Most Babies Named after a Celebrity



1 VILMA SANTOS 1,006



2 MARICEL SORIANO 921



3 MARK ANTHONY FERNANDEZ 829



4 CHRISTIAN BAUTISTA 799



5 RICHARD GOMEZ 753



6 CHRISTOPHER DE LEON 737



7 RUDY FERNANDEZ 574



8 LORNA TOLENTINO 570



9 ARIEL RIVERA 565



10 EDDIE GARCIA 485

Babies named “Rodrigo”, “Digong”, “Duterte” STATISTICS ON LIVE BIRTHS

Number of Filipinos named After Rodrigo R. Duterte: 1950 - September 2018



HON. RODRIGO R. DUTERTE
President of the Philippines

Year	First Name (irrespective of the date of birth)			Total
	Rodrigo	Digong	Duterte	
1950-1999	-	4	6	10
2000-2009	1,045	1	3	1,049
2010-2015	264	3	2	269
2016-Sept 2018	240	9	51	300
Total	1,549	17	62	1,628

Other trivia on baby names

STATISTICS ON LIVE BIRTHS

Jan 2017

TRIVIA

Civil Registration and Vital Statistics

Did you know?

In 1974 and 1994 when the Miss Universe pageants were held in the Philippines, and in 1969, 1973 and 2015 when the Philippines won the Miss Universe crown, babies were named after the beauty queens.



Gloria Diaz
Miss Universe 1969

1968	3,100
1969	3,413



Margarita 'Mazje' Moran
Miss Universe 1973

1972	1,706
1973	2,351



Amparo Muñoz
Miss Universe 1974

1973	127
1974	689



MISS+UNIVERSE

Pia Wurtzbach
Miss Universe 2015

2015	621
2016	925



Guadalupe Sanchez
Miss Philippines 1974

1973	46
1974	87



Sushmita Sen
Miss Universe 1994

1993	3
1994	535



Charlene Gonzales
Miss Philippines 1994

1993	1,345
1994	4,178




Who's next?

Pictures from: missuniversepageant.org, MissVenezuela.com from Vector.me, Pinterest.com, BeautyPageantsinthePhilippines.blogspot.com, phstar.com, fotki.pandora.ru, normannorman.com, pinkvilla.com, philippinecountry.com

TRIVIA

Civil Registration and Vital Statistics

Did you know?



JOSE RIZAL
JUNE 19, 1861

Jose Protacio Rizal Mercado y Alonso Realonda or popularly known as **JOSE RIZAL** was born on June 19, 1861 to Francisco Mercado and Teodora Alonso in Calamba, Laguna. He was the author of the novels "Noli Me Tángere" and "El Filibusterismo" and a number of poems and essays. He was considered as the Philippine National Hero. His name is all over the place. Also, it is interesting to note that based on the record of the Philippine Statistics Authority (PSA), there were Filipinos named after Jose Rizal, either Jose, Rizal or Jose Rizal as their first name.

Number of Filipinos named after Jose Rizal: 1950-May 2016

Year	First Name (irrespective of the date of birth)			Total	First Name (born on June 19)			Total
	Jose	Jose Rizal	Rizal		Jose	Jose Rizal	Rizal	
1950-1959	55,954	90	1,039	57,083	1,431	34	139	1,604
1960-1969	57,785	117	1,540	59,442	1,715	54	255	2,024
1970-1979	36,377	66	1,431	37,874	802	20	196	1,018
1980-1989	17,772	50	1,049	18,871	278	13	95	386
1990-1999	7,073	32	677	7,782	105	4	29	138
2000-2009	2,637	16	265	2,918	31	2	12	45
2010-May 2016	424	3	42	469	5	-	3	8
Total	176,022	374	6,043	184,439	4,367	127	729	5,223

Source: Philippine Statistics Authority

From 1950 to May 2016, a total of 184,439 babies named after Jose Rizal. Of this number, 2.83 percent were born on June 19, which includes Jose (4,367), Jose Rizal (127) and Rizal (729).


Other trivia on baby names

STATISTICS ON LIVE BIRTHS

TRIVIA

Civil Registration and Vital Statistics

Did you know?



Beginning in 1935, the number of babies named after President Manuel L. Quezon is highest on the 19th among all days of August.

Manuel Luis Quezon was born on August 19, 1878 in Baler, Tayabas (now Quezon) to Lucido Quezon and Maria Dolores Molina. He studied Bachelor of Laws at the University of Santo Tomas and placed fourth in the 1903 Bar Exam. Quezon played a major role in the passage of the Jones Act and the Tydings-McDuffie Independence Law. He was elected as Senator in 1916 and served as the first Senate President. In 1935, Quezon became the Second President of the Philippines and the First President of the Commonwealth of the Philippines.

Quezon was married to Aurora Antonia Aragon and had three children. He died of tuberculosis on August 1, 1944 in Saranac Lake in New York.

Total number of babies named after President Manuel L. Quezon who were born in August and on the 19th of August: 1935-2015

Period	Total	Born in August	Born on the 19th of August	Percent of babies born in August	Percent of babies born on the 19th among all babies born in August
1935-1944	4,060	415	105	10.2	25.3
1945-1954	22,891	3,074	1,011	13.4	4.4
1955-1964	34,684	6,437	3,038	18.6	8.8
1965-1974	33,923	5,920	2,719	17.5	8.0
1975-1984	26,123	3,538	1,252	13.5	4.8
1985-1994	18,789	2,309	709	12.3	3.8
1995-2004	15,197	1,619	353	10.7	2.3
2005-2014	13,961	1,256	163	9.0	1.2
2015	854	97	17	11.4	2.0
TOTAL	170,482	24,665	9,367	14.5	5.5

Source: Philippine Statistics Authority
Note: Figures are not adjusted for under-registration

Civil Registration and Vital Statistics

TRIVIA

MOST COMMON BABY NAMES IN THE PHILIPPINES: 2017



Most Common Baby Names: 2017			
Male	Female		
NATHANIEL	2,453	ALTHEA	2,215
JAMES	2,412	ANGEL	2,057
JACOB	2,114	PRINCESS	1,800
ANGELO	2,090	SAMANTHA	1,786
JOSHUA	2,074	ANGELA	1,769
GABRIEL	1,933	SOPHIA	1,663
CHRISTIAN	1,786	SOFIA	1,575
JOHN MARK	1,606	ANDREA	1,356
NATHAN	1,549	ASHLEY	1,256
DANIEL	1,497	JANELLA	1,156

Most Common Names for Males by Region

- NATHANIEL: CARL, Region I, Region II
- JACOB: NCR, Region III
- GABRIEL: CALABARZON
- JAMES: MENAROPA, Region VI, Region VII, Region VIII, Region IX, Region X, Region XI, Region XII, Cagayan
- ANGELO: Region XII
- MOHAMMAD: Alibon

Most Common Names for Females by Region

- ASHLEY: CARL
- PRINCESS: Region I
- SAMANTHA: NCR, Region II
- ANGEL: Region I, Region VI, Region VII, Region IX
- ALTHEA: CALABARZON, ROMARCPA, Region VII, Region VIII, Region X, Region XI, Cagayan
- ANGELA: Region XII
- NORJANNAH: Alibon

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

Note: Information are based on registered births which occurred from January to December 2017 and reached at the PSA-CRS until March 2018. Frequencies were determined using exact matches only. Partial matches and variations were not included in the count.



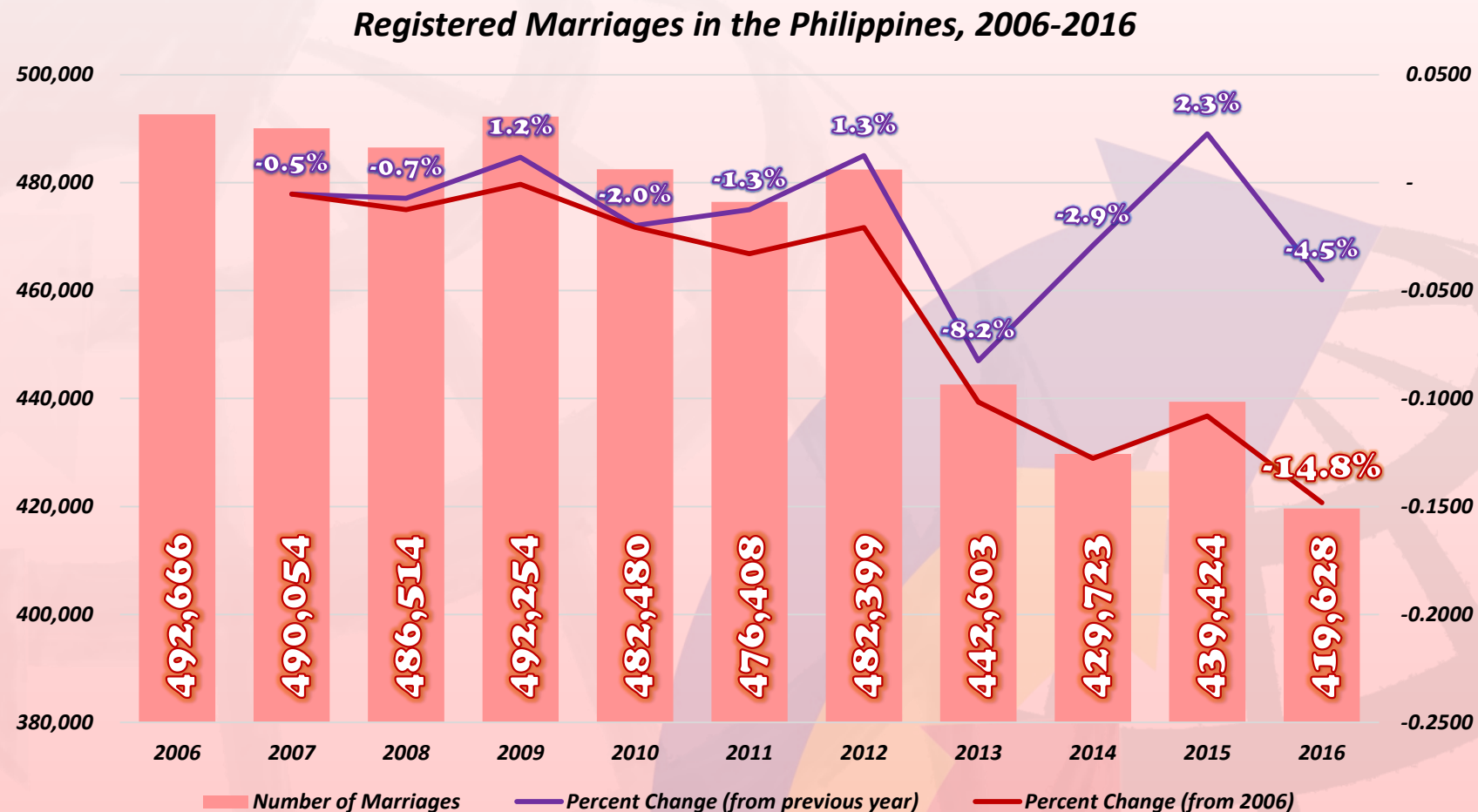
Presentation of Statistics

Statistics on Marriages

Marriage Registration in the Philippines


STATISTICS ON MARRIAGES

Marriages had decreased from 2006 to 2016 by **14.8%**



Trend of Marriage Statistics

STATISTICS ON MARRIAGES

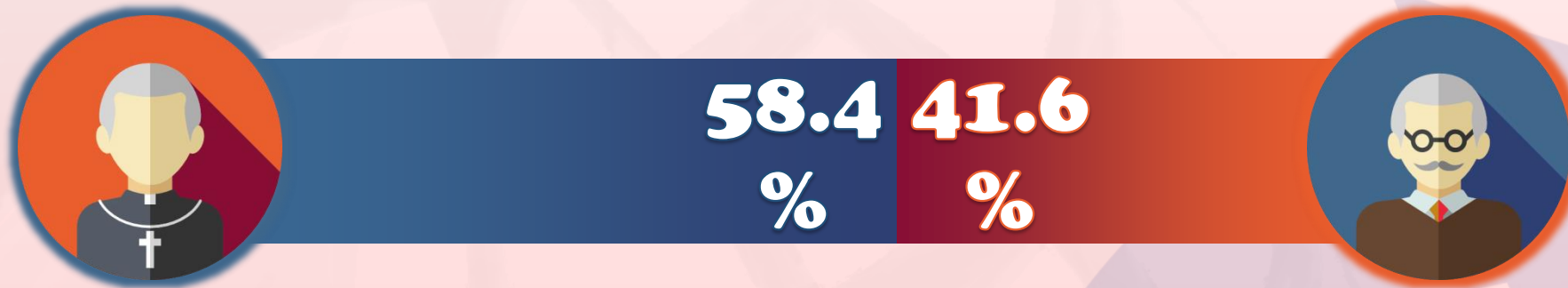
	2011	2012	2013	2014	2015	2016
Monthly	39,701	40,200	36,884	35,810	36,619	34,969
Daily	1,305	1,318	1,213	1,177	1,204	1,147
Hourly	54	55	51	49	50	48

*For each day
from 2011 to
2016, an average
of 51-52 couples
are married per
hour*

Type of Ceremony

STATISTICS ON MARRIAGES

Proportion of Marriages by Type of Ceremony, 2016



Over Fifty-eight percent of marriages were officiated through religious ceremonies.

About Forty-two percent of marriages were performed by means of civil rites.

Citizenship of Bride and Groom

STATISTICS ON MARRIAGES

In 2016,
97%
of the
marriages were
of couples who
are both
Filipino born.

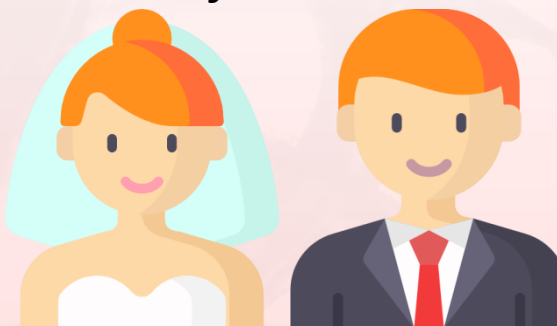


The other **3%** were
of couples with one
or both of them are
foreign born

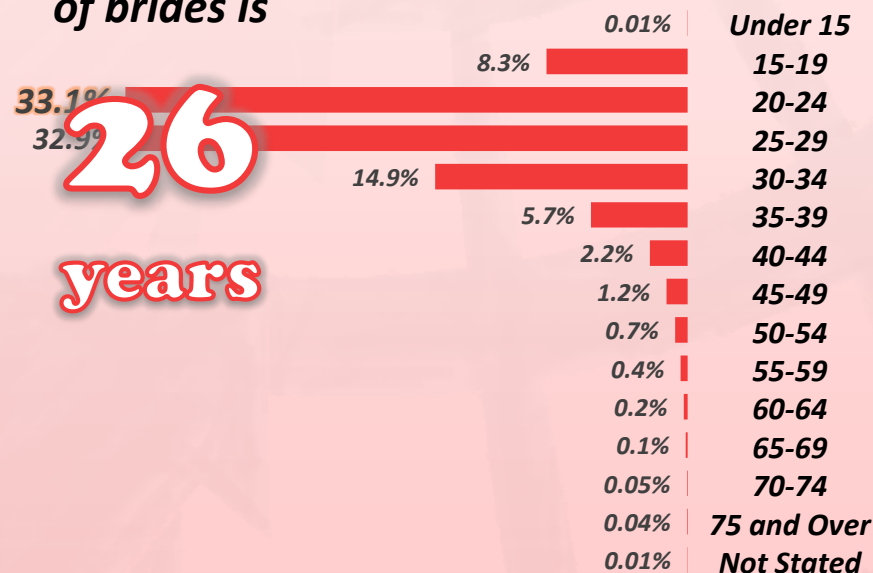
Age of Bride and Groom

STATISTICS ON MARRIAGES

Age Distribution of Bride and Groom, 2016



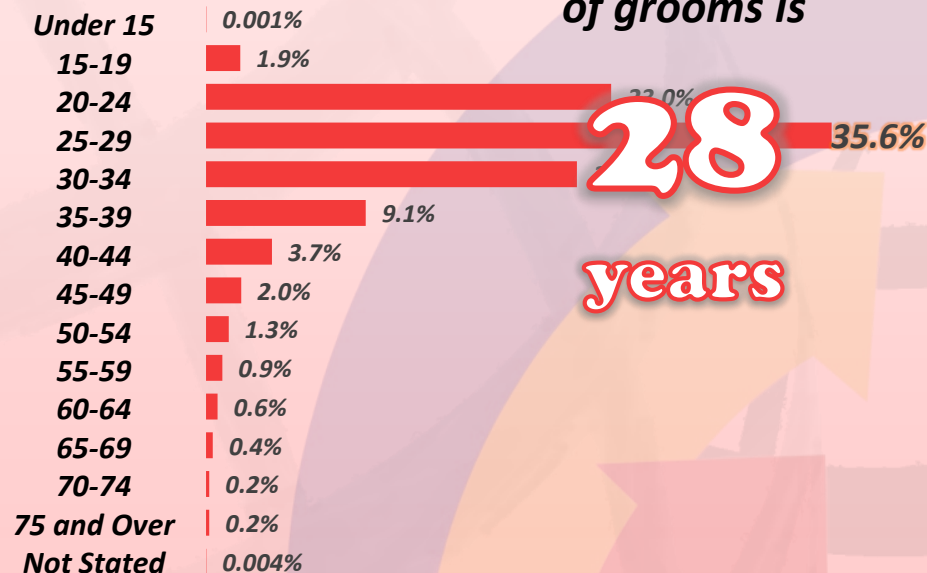
The median age
of brides is



26

years

The median age
of grooms is




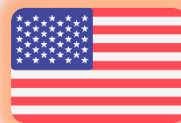


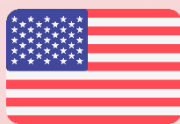





28

years

Top 5 Nationalities of Foreign Marriages

STATISTICS ON MARRIAGES

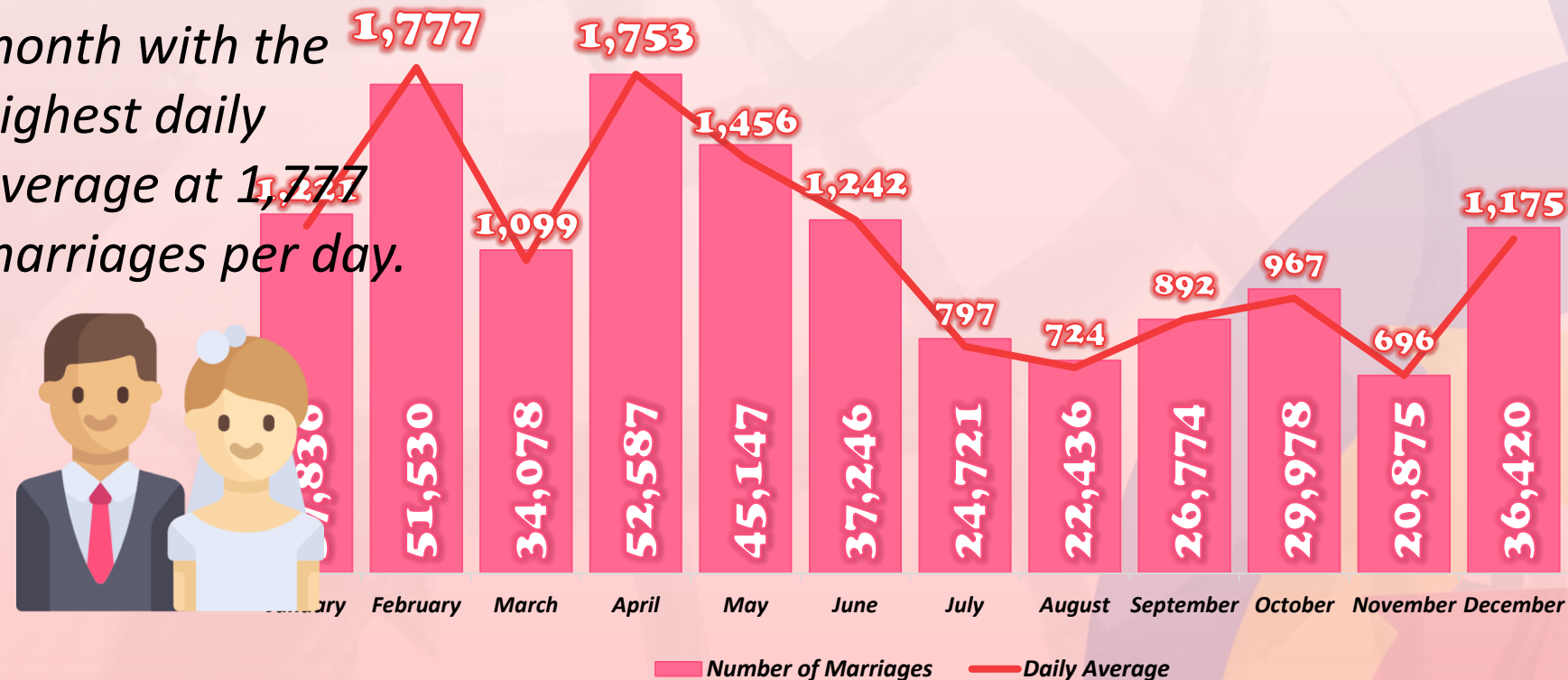
Foreign Individuals Who Married in the Philippines, 2016

<i>Number of Brides</i>			<i>Number of Grooms</i>		
	<i>Australian</i>	<i>382</i>		<i>American</i>	<i>3,127</i>
	<i>Chinese</i>	<i>354</i>		<i>Japanese</i>	<i>1,592</i>
	<i>American</i>	<i>315</i>		<i>Australian</i>	<i>984</i>
	<i>Canadian</i>	<i>183</i>		<i>British</i>	<i>882</i>
	<i>Japanese</i>	<i>109</i>		<i>Canadian</i>	<i>790</i>

Marriage Registration in the Philippines

STATISTICS ON MARRIAGES

In 2016, February ranked as the month with the highest daily average at 1,777 marriages per day.



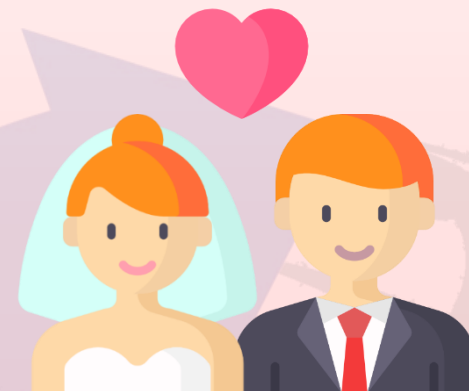
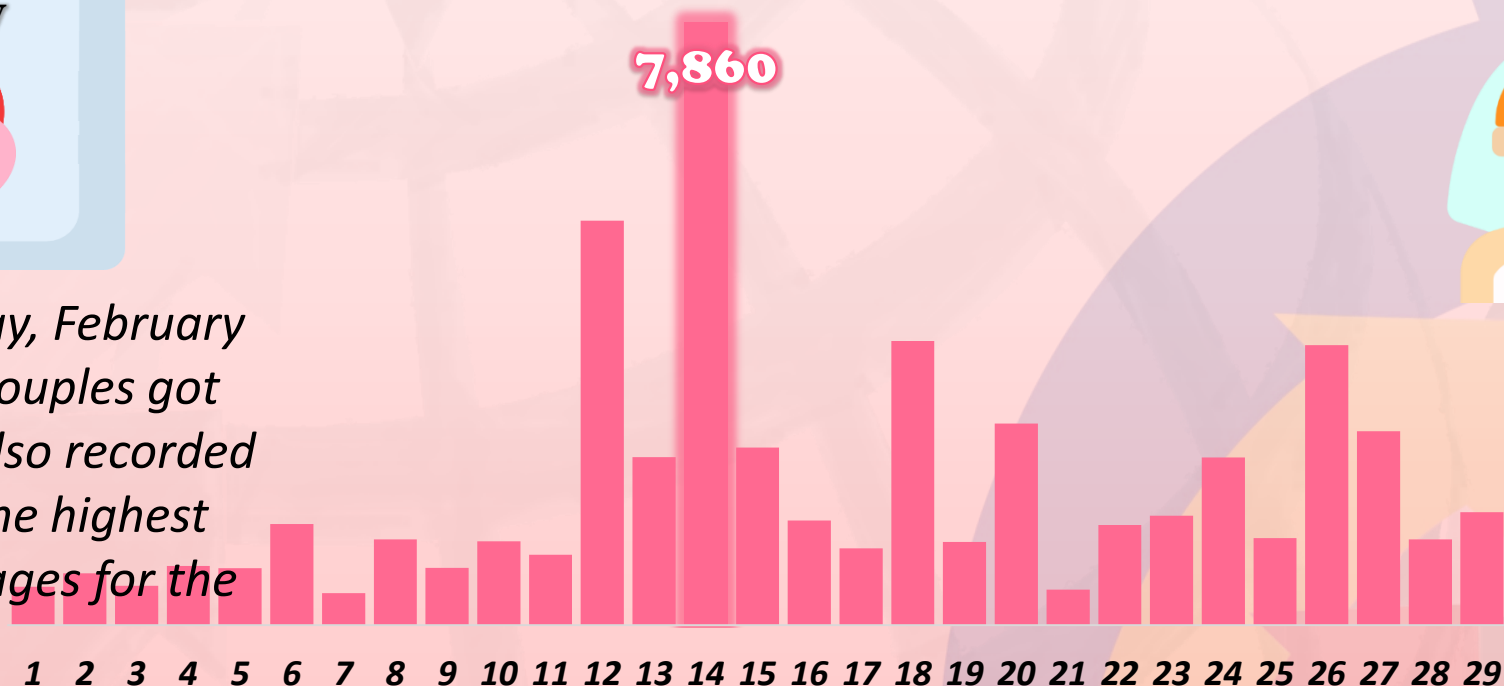
Marriage Registration in the Philippines

STATISTICS ON MARRIAGES



Daily Number of Marriages, February 2016

*On Valentine's Day, February 14, 2016, **7,860** couples got married. It was also recorded as the day with the highest number of marriages for the entire year.*

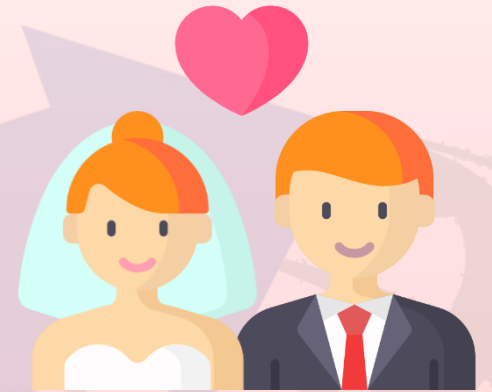
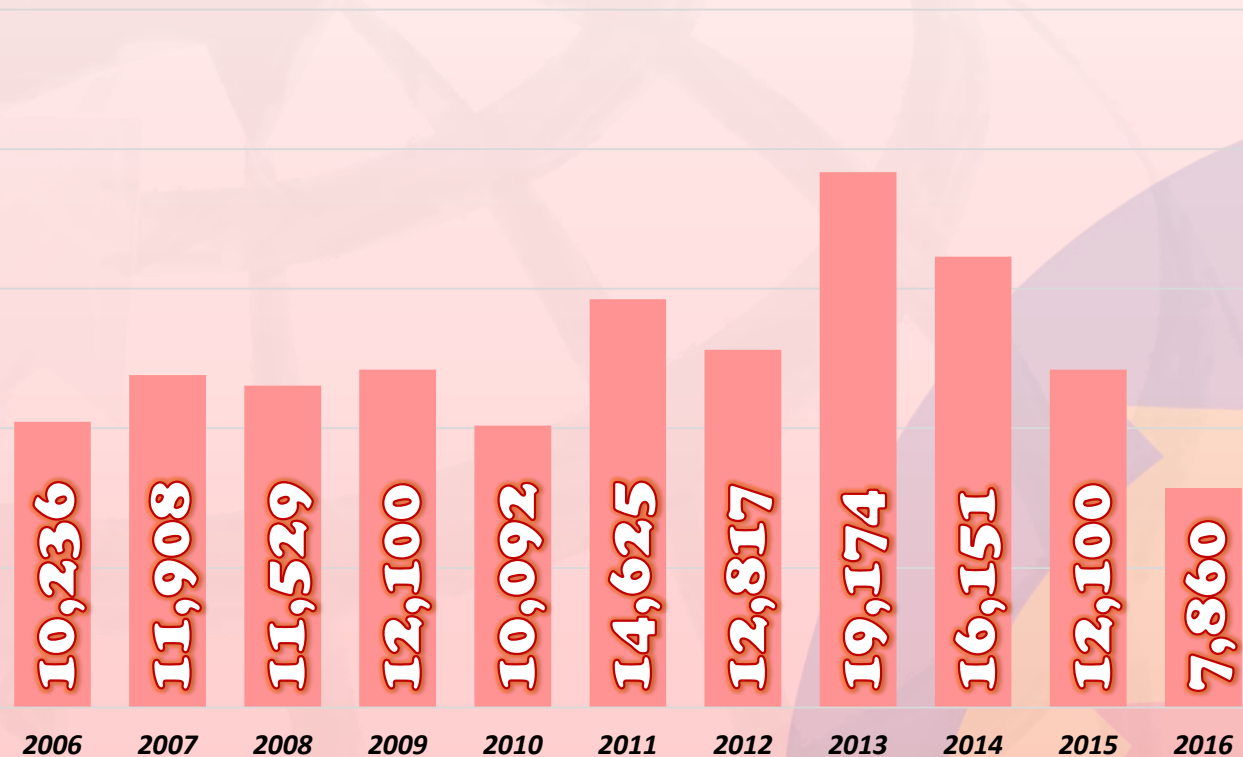


Marriage Registration in the Philippines

STATISTICS ON MARRIAGES

**Number of Marriages Solemnized on the 14th of February
2006-2016**

For
year
Feb
Valentine's Day have
been recorded as the
day with the most
number of marriages.

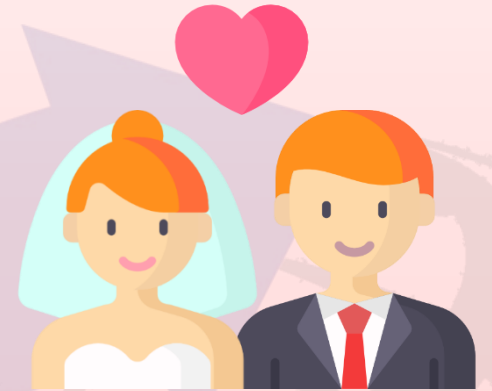
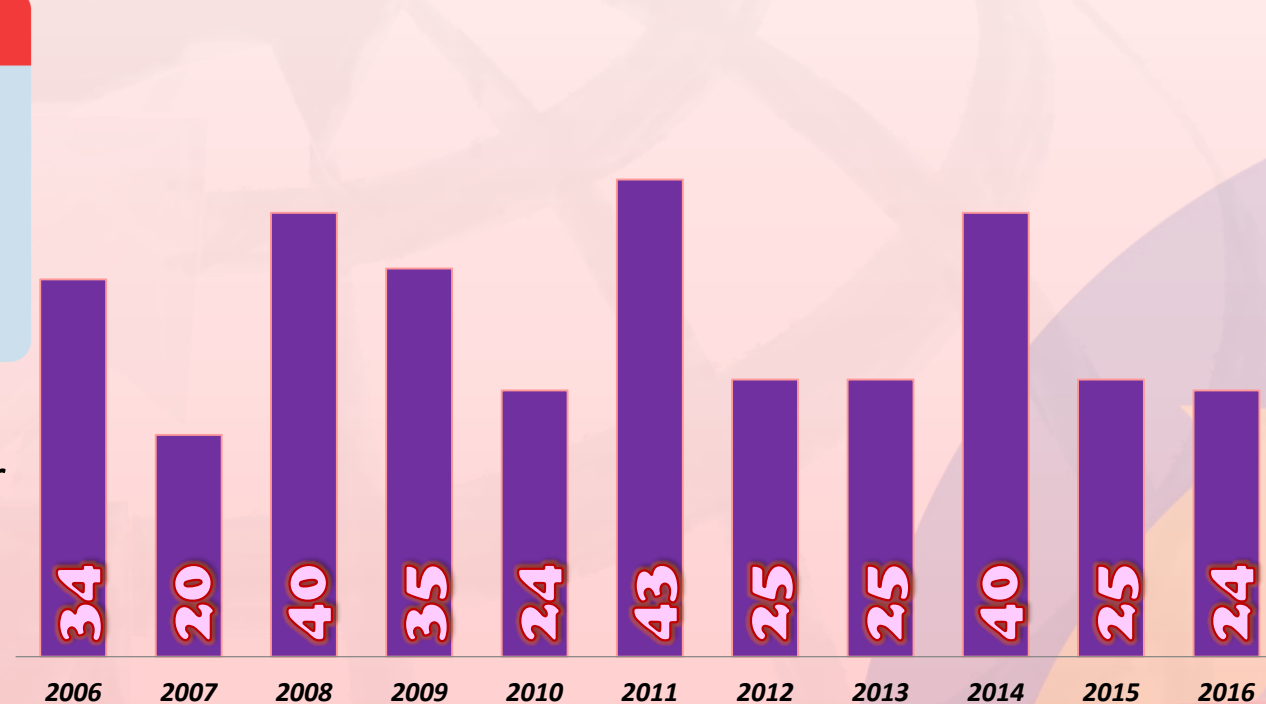


Marriage Registration in the Philippines

STATISTICS ON MARRIAGES

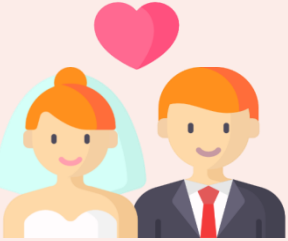
**Number of Marriages Solemnized on the 1st of November
2006-2016**

For
year
Nov
Saint
recorded as the day
with the least number
of marriages.



Ages of Bride and Groom

STATISTICS ON MARRIAGES

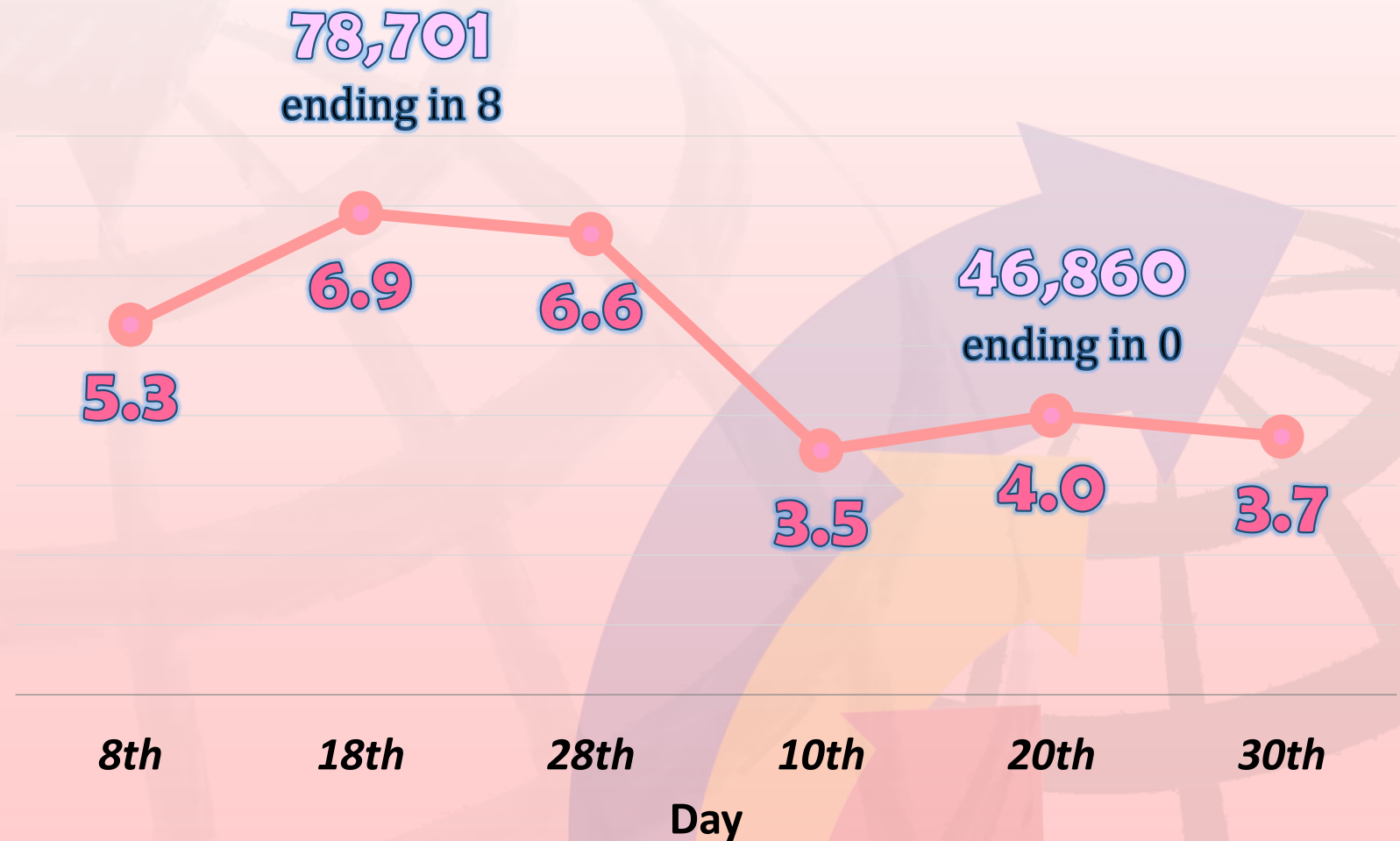
	Youngest	Oldest	Teenage	Age 60 and over
Bride	12	94	34,950	1,788
Groom	14	94	8,167	5,166

Preferred Day of Marriage

STATISTICS ON MARRIAGES



*For 2016, **dates ending in 8 and 0** have been recorded as the preferred days of marriages.*



Marriage Dissolution in the Philippines

STATISTICS ON MARRIAGES

Declaration of Absolute Nullity of
Marriage

11,923

1968-2016

**Dissolution of
Marriage**



Certificate of
Divorce

1,301

Foreign Decree of
Divorce

892

TOTAL

14,264

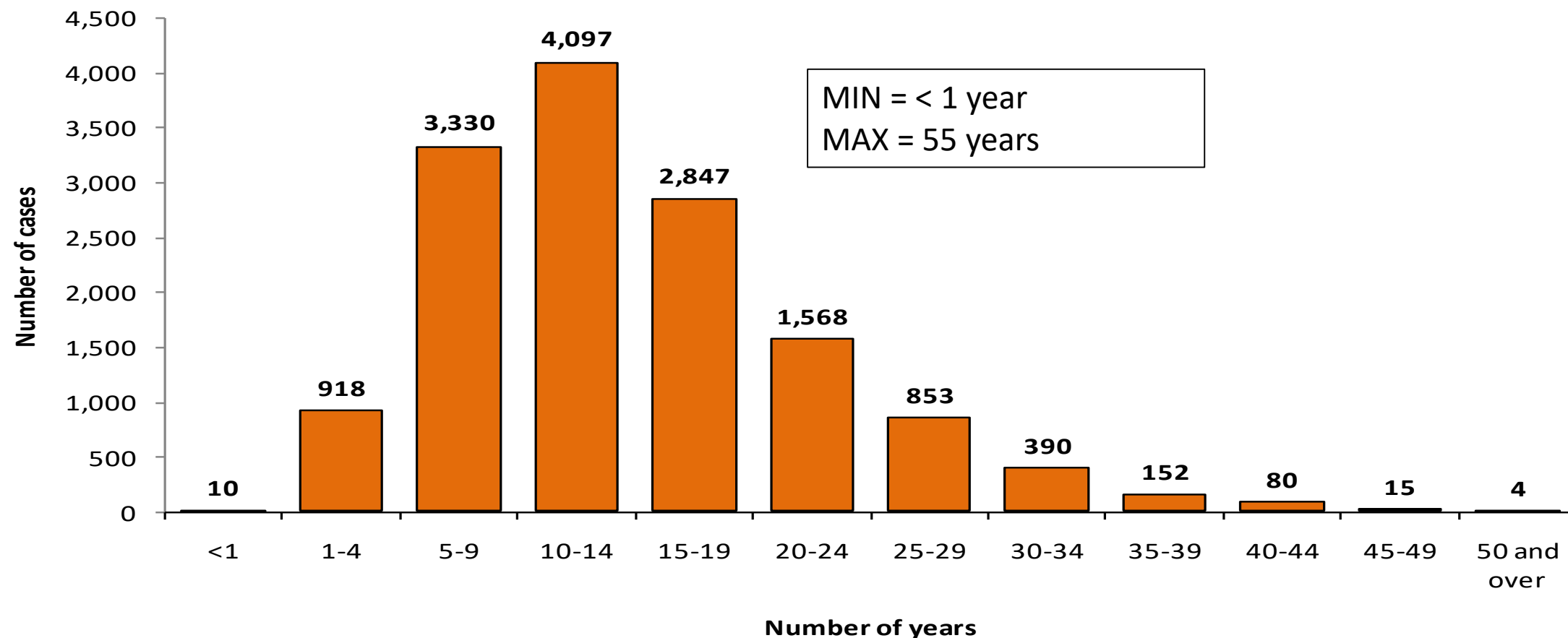
Annulment of
marriage

148

Marriage Dissolution in the Philippines

STATISTICS ON MARRIAGES

Number of Years in Marital Union Before Approval of Marriage Dissolution: 1968-2016



Other trivia

STATISTICS ON MARRIAGES

Civil Registration and Vital Statistics

Did you know?

- There were 56,750 Filipinos born on 29 February from 1948 to 2012.
- On the average, 3,338 babies were born every leap year.
- The year 2000 recorded the highest number of registered births (4,509 babies) and marriages (1,593 couples) that occurred on leap day.
- The 6th President of the Philippines, Elpidio R. Quirino, died of heart attack on leap day in 1958.
- Filipino professional boxer named Milan Melindo, Jr. was born on 29 February 1988.
- Former Secretary of Department of Agrarian Reform Horacio "Boy" Morales, Jr. also died of heart attack on 29 February 2012.
- "Romeo" and "Evelyn" were the favorite names for male and female leap year babies.
- There were 255 leap year babies whose names included "Love", "Leap" and "Feb", which accounted for only 0.45 percent of the total number of leaplings from 1948 to 2012.

Table 1. Number of Birth, Marriage and Death Occurrence on Leap Day: 1948-2012

Leap Year	Birth	Marriage	Death
Total	56,750	9,325	12,314
1948	817	81	183
1952	1,200	81	357
1956	1,970	176	385
1960	2,263	342	429
1964	2,595	251	472
1968	2,975	283	633
1972	3,282	305	737
1976	3,728	275	829
1980	4,062	450	730
1984	3,906	534	964
1988	4,414	726	879
1992	4,485	721	877
1996	4,128	881	755
2000	4,509	1,593	908
2004	4,161	473	584
2008	4,208	994	1,309
2012	4,047	1,059	1,435

Source: Philippine Statistics Authority
Note: Figures are not adjusted for under-registration

Table 2. Top 10 Most Common Filipino Names Born on Leap Day by Sex: 1948-2012

Male		Female	
Name	Number	Name	Number
1. Romeo	189	Evelyn	116
2. Wilfredo	187	Vilma	115
3. Richard	183	Maricel	107
4. Michael	165	Jocelyn	106
5. Joel	164	Michelle	99
6. Reynaldo	154	Jennifer	96
7. Roman	150	Elizabeth	95
8. Ronald	144	Mary Grace	95
9. Jose	143	Mary Ann	91
10. Rolando	140	Fe	89

Source: Philippine Statistics Authority
Note: Figures are not adjusted for under-registration

Leap Year Statistics

Civil Registration and Vital Statistics

Did you know?

3 percent of births in December 2015 occurred on Christmas day

1,882 couples marry per day in December 2015

Number of Registered Marriages: Total, Solemnized in December, and Occurred on the 25th of December, Philippines: 2000-2015

Year	Total Marriages	Marriages in December	Marriages on the 25 th of December
2000	577,387	66,855	993
2001	559,162	58,675	762
2002	583,167	65,674	1,140
2003	593,553	68,637	978
2004	582,281	59,967	1,511
2005	518,595	60,900	922
2006	492,666	60,842	869
2007	490,054	56,917	813
2008	486,514	59,052	830
2009	492,254	61,763	728
2010	482,480	58,753	1,070
2011	476,408	61,413	814
2012	482,399	67,406	840
2013	442,603	52,337	668
2014	429,723	55,473	673
2015	414,325	58,335	654

Source: Philippine Statistics Authority, Vital Statistics Division
Note: Data for December include both timely and late registration, while for total marriages timely registration only

Number of Births: Born in December, Occurred on the 25th of December, and Born on the 25th of December Who Were Named After Jesus, Philippines: 2000-2015

Year	Births in December	Born on the 25 th of December	Born on Dec. 25 and Named After Jesus
2000	196,265	6,601	137
2001	187,424	6,203	109
2002	195,716	6,082	85
2003	198,909	6,394	100
2004	185,199	5,940	62
2005	189,849	6,160	72
2006	190,911	6,137	83
2007	209,905	6,665	77
2008	197,903	6,249	80
2009	188,951	5,755	67
2010	191,508	5,939	63
2011	193,914	5,936	54
2012	184,300	5,657	48
2013	169,477	5,047	44
2014	172,707	4,942	31
2015	160,716	4,747	34

Source: Philippine Statistics Authority, Vital Statistics Division
Note: Figures include both timely and late registration data

Pictures: clipartkid.com, cowi.tk, stupic.files.wordpress.com, flicker.com, pixabay.com



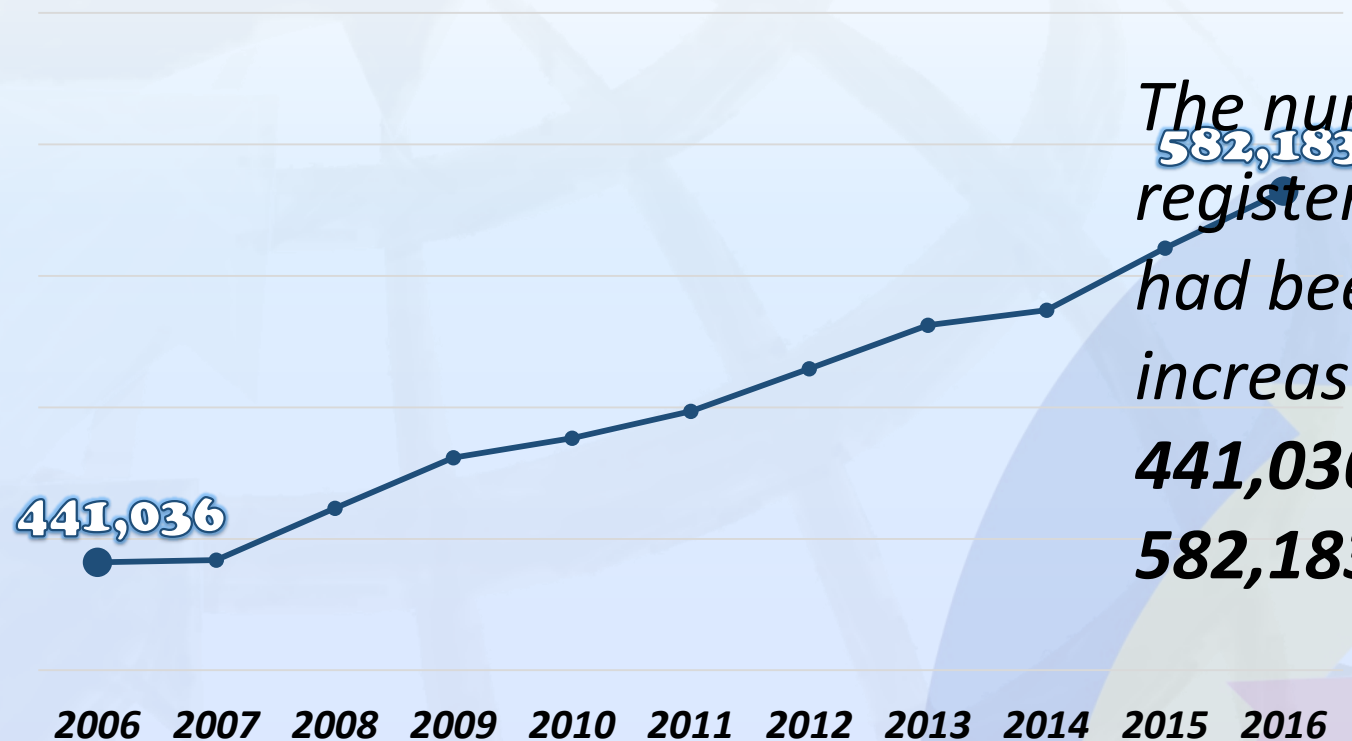
Presentation of Statistics

Statistics on Deaths

Death Registration in the Philippines

STATISTICS ON DEATHS

Number of Registered Deaths, 2006-2016



*The number of registered deaths had been increasing from **441,036 in 2006** to **582,183 in 2016.***

Trend of Deaths Registration

STATISTICS ON DEATHS



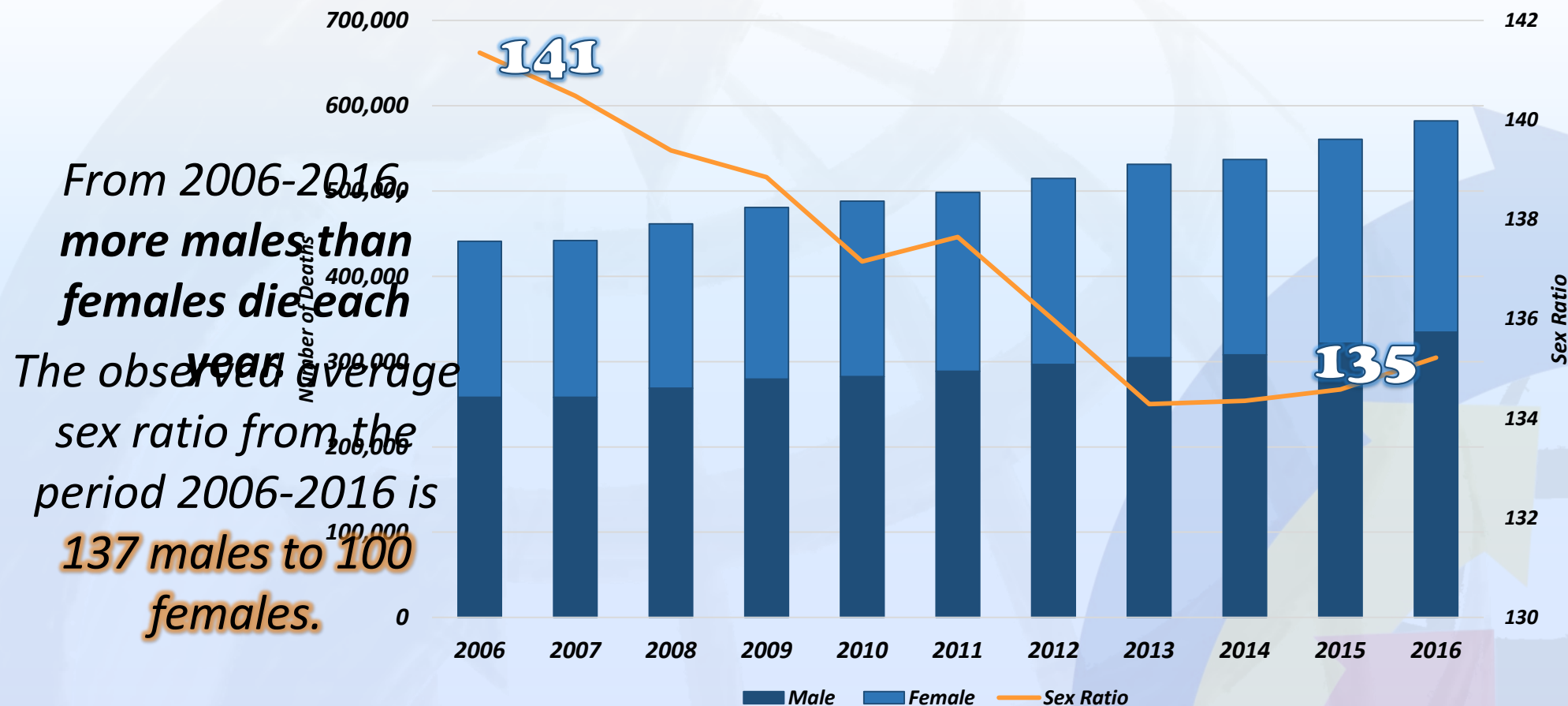
	2011	2012	2013	2014	2015	2016
Daily	1,366	1,406	1,456	1,471	1,536	1,591
Hourly	57	59	61	61	64	66
Per Minute	1.0	1.0	1.0	1.0	1.1	1.1

*For each day from 2011 to 2016, an average of **one person died per minute***

Registered Deaths by Sex and Sex Ratio

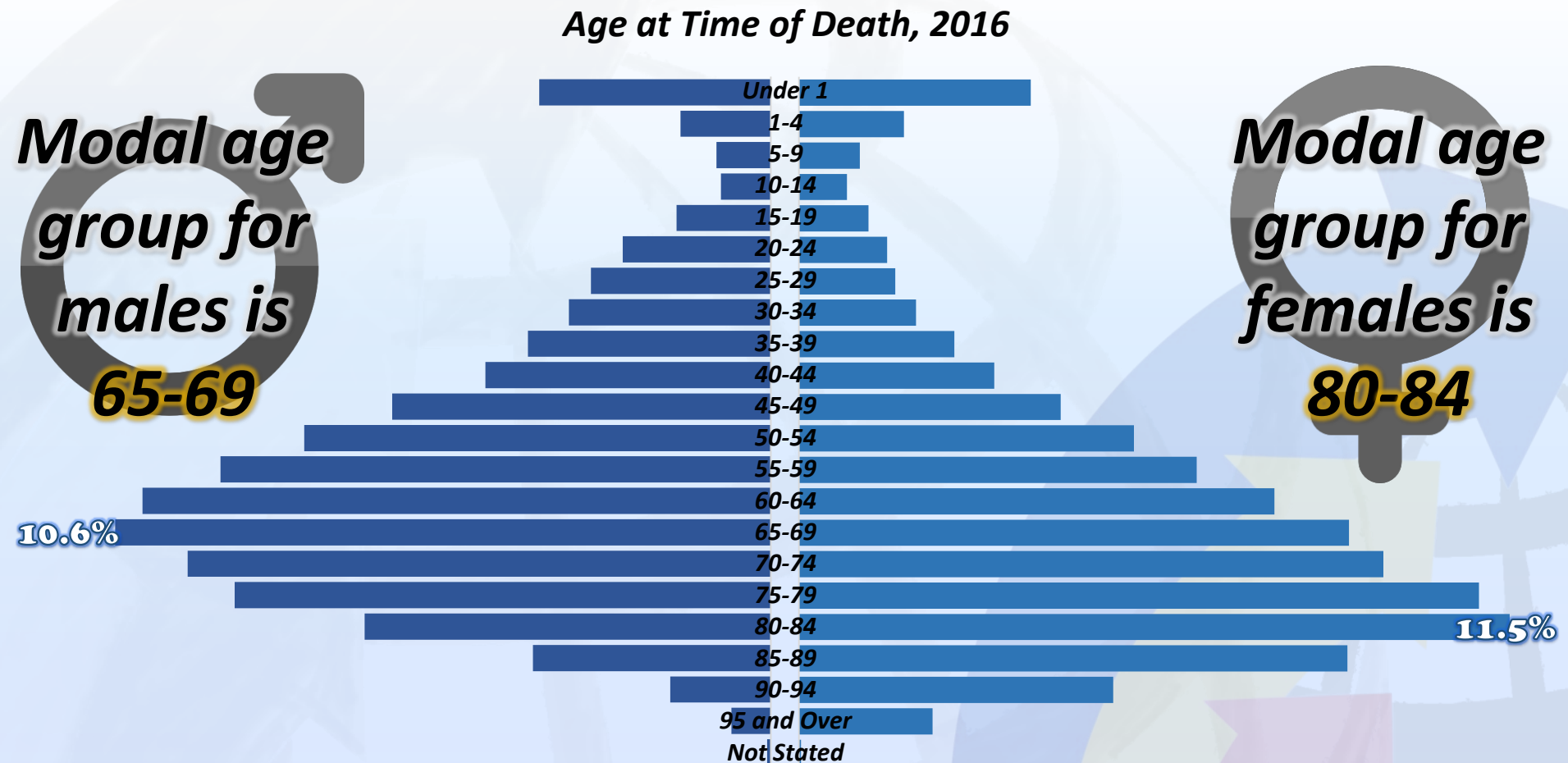
STATISTICS ON DEATHS

Number of Registered Deaths by Sex and Sex Ratio, 2006-2016



Age at Time of Death by Sex

STATISTICS ON DEATHS



Leading Causes of Death

STATISTICS ON DEATHS

Rankings of Leading Causes of Maternal Deaths, 2006-2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
	1	1	1	1	1	1	1	1	1	1	1	Eclampsia
	2	4	4	4	4	4	3	2	2	2	2	Gestational [pregnancy-induced] hypertension with significant proteinuria
	4	3	3	3	3	3	4	4	4	3	3	Abnormalities of forces of labour
	2	2	2	2	2	2	2	3	3	4	4	Postpartum haemorrhage
	7	10	11	7	11	6	6	5	5	5	5	Complications of the puerperium, not elsewhere classified
	5	5	5	5	5	5	5	7	7	6	6	Other maternal disease classifiable elsewhere but complicating pregnancy, childbirth and the puerperium
	8	6	9	8	10	8	9	6	6	7	7	Ectopic pregnancy
	14	11	8	13	6	10	13	10	12	10	8	Premature separation of placenta [abruptio placentae]
	10	12	14	11	7	9	10	8	8	8	8	Obstetric embolism
	13	14	12	14	12	13	12	12	9	9	10	Hydatidiform mole

From 2006 to 2016, the top-four causes of maternal deaths were: **Eclampsia, Gestational Hypertension, Abnormalities in Labor, and Postpartum Hemorrhage.**

Leading Causes of Death

STATISTICS ON DEATHS

Rankings of Leading Causes of Death for Males, All Ages, 2006-2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Ischaemic heart diseases	1	1	1	1	1	1	1	1	1	1	1
Cerebrovascular diseases	2	2	2	2	2	2	2	2	2	2	2
Malignant Neoplasms	3	3	3	3	3	3	3	4	3	3	3
Pneumonia	4	4	4	4	4	4	4	3	4	4	4
Hypertensive diseases	10	10	10	10	10	11	8	7	5	5	5
Respiratory tuberculosis	5	5	5	5	5	5	7	8	8	6	6
Chronic lower respiratory infections	6	6	6	6	6	6	6	6	7	8	8
Diabetes Mellitus	9	9	9	9	9	9	9	9	9	7	8
Other heart diseases	8	7	7	7	7	7	5	5	6	9	9
Assault	7	8	8	8	8	8	10	10	11	11	10

During the period 2006-2016, Ischaemic Heart Diseases had consistently been the leading cause of death among males of all ages. In 2016, about 13.3% of the total male deaths registered were by Ischaemic Heart Diseases. Cerebrovascular diseases closely follow as the second leading cause of death, with 9.5% of the total male deaths registered in 2016.

Leading Causes of Death

STATISTICS ON DEATHS

Rankings of Leading Causes of Death for Females, All Ages, 2006-2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<i>Malignant Neoplasms</i>	1	2	2	3	3	3	2	1	1	1	1
<i>Ischaemic heart diseases</i>	3	3	3	2	2	2	1	2	3	2	2
<i>Pneumonia</i>	4	4	4	4	4	4	3	3	2	4	3
<i>Cerebrovascular diseases</i>	2	1	1	1	1	1	4	4	4	3	4
<i>Diabetes Mellitus</i>	5	6	6	6	6	6	6	6	6	5	5
<i>Hypertensive diseases</i>	7	7	7	7	7	7	7	7	7	6	6
<i>Other heart diseases</i>	6	5	5	5	5	5	5	5	5	7	7
<i>Remainder of diseases of the genitourinary system</i>	10	10	10	10	10	10	10	9	9	10	8
<i>Chronic lower respiratory infections</i>	9	9	9	9	9	8	8	8	8	8	9
<i>Respiratory tuberculosis</i>	8	8	8	8	8	9	9	10	10	9	10

to 2016, the top-
of death for
all ages were:
leoplasms,
heart Diseases,
and
ular Diseases.
they attribute about
t of the total
female deaths in

Leading Causes of Death

STATISTICS ON DEATHS

**Leading Causes of Death with Number of Deaths and Percentage out of Total Deaths
(2006-2016, five-year interval)**

Leading Causes of Death	Number of Deaths					
	2006		2011		2016	
	Male	Female	Male	Female	Male	Female
Ischaemic heart diseases	29,350 11.4%	19,772 10.8%	38,743 13.4%	25,986 12.4%	44,472 14.1%	29,662 10.2%
Malignant Neoplasms	22,472 8.7%	20,571 11.3%	25,583 8.9%	25,180 12.0%	29,516 8.8%	30,954 12.5%
Pneumonia	17,166 6.6%	17,792 9.7%	24,280 8.4%	24,152 11.5%	28,993 8.7%	28,816 11.6%
Cerebrovascular diseases	26,234 10.2%	20,414 11.2%	33,886 11.7%	26,672 12.7%	31,675 9.5%	25,263 10.2%
Hypertensive diseases	9,785 3.8%	7,861 4.3%	8,995 3.1%	7,728 3.7%	17,901 5.3%	15,551 6.3%
Diabetes Mellitus	9,818 3.8%	10,421 5.7%	10,719 3.7%	11,173 5.3%	16,384 4.9%	16,911 6.8%
Other heart diseases	10,343 4.0%	9,527 5.2%	15,582 5.4%	14,766 7.0%	14,992 4.5%	13,649 5.1%
Respiratory tuberculosis	17,163 6.6%	7,482 4.1%	16,178 5.6%	7,143 3.4%	17,288 5.2%	7,174 2.9%
Chronic lower respiratory infections	14,715 5.7%	6,501 3.6%	16,042 5.6%	7,216 3.4%	17,049 5.1%	3,000 1.0%
Remainder of diseases of the genitourinary system	7,464 2.9%	5,144 2.8%	9,172 3.2%	6,122 2.9%	11,778 3.5%	7,981 3.2%
Assault	12,071 4.7%	985 0.5%	10,905 3.8%	1,081 0.5%	13,662 4.1%	1,207 0.5%

• As shown in the table, more males than females die due to these causes by a significant difference:

1. Assault

Sex Ratio = 1131.9

2. Respiratory Tuberculosis

Sex Ratio = 241.0

3. Chronic Lower Respiratory Infections

Sex Ratio = 233.0

4. Ischaemic Heart Diseases

Sex Ratio = 149.9

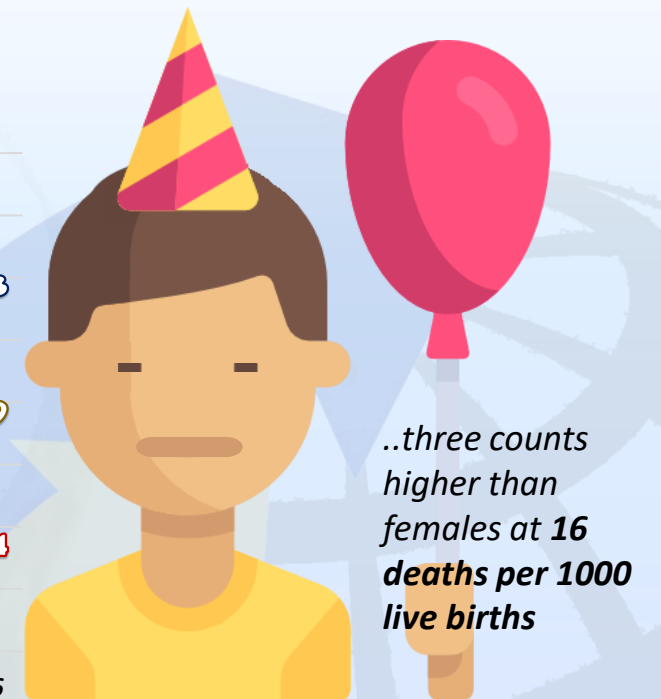
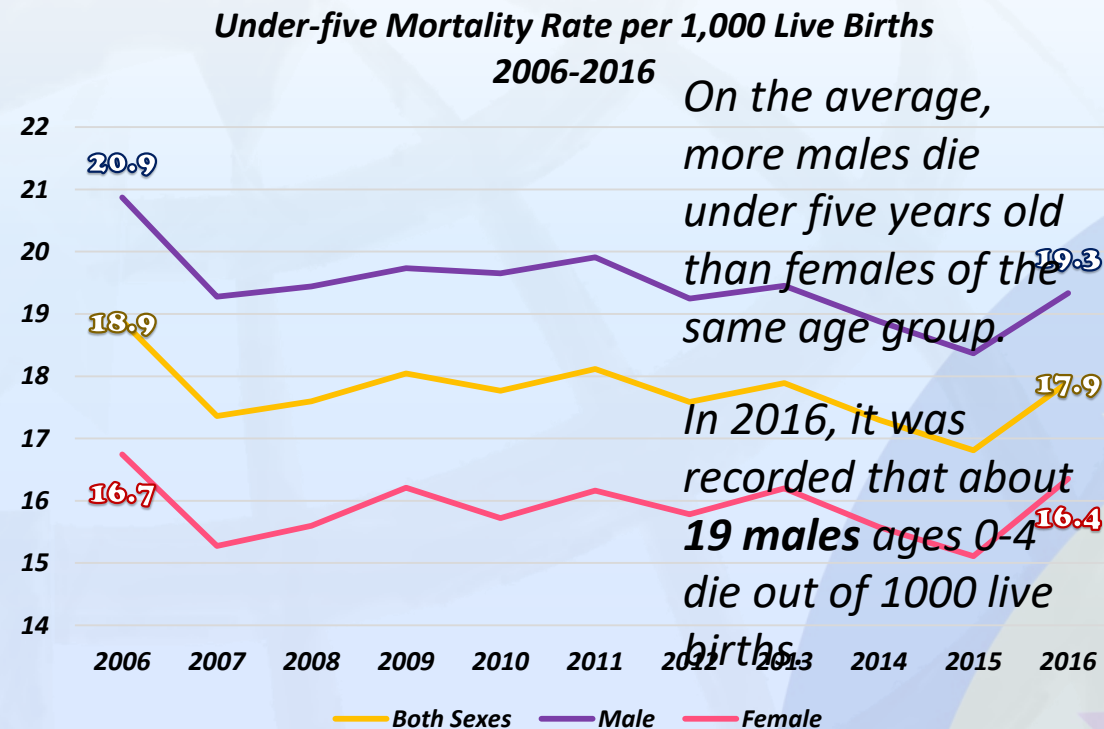
5. Remainder Diseases of the Genitourinary System

Sex Ratio = 147.6

*The sex ratios presented were from 2016 death registration data

Under-five Mortality Rate

STATISTICS ON DEATHS

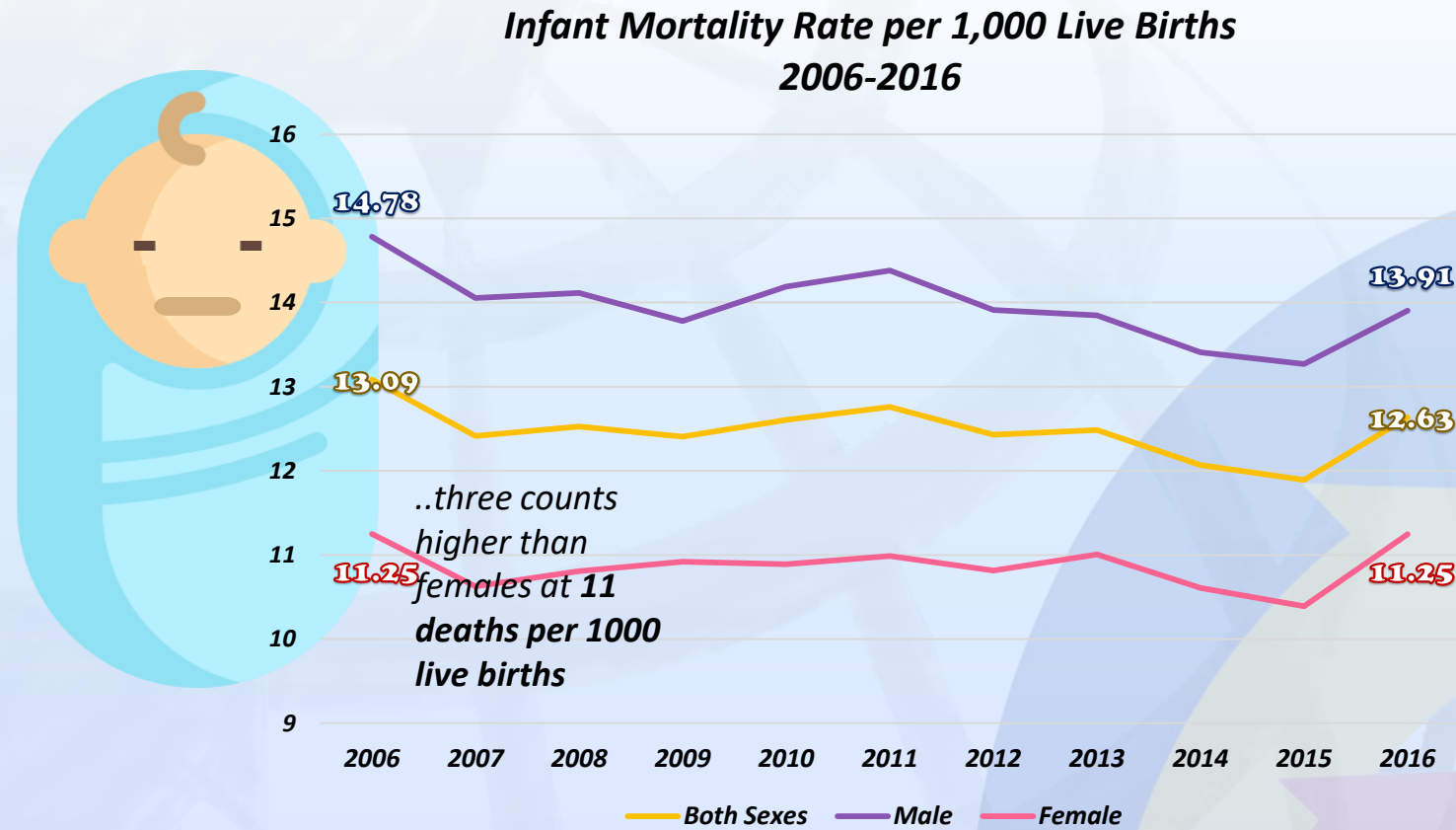


Infant Mortality Rate

STATISTICS ON DEATHS

More males die under one year old than females of the same age for the past ten years.

In 2016, it was recorded that about **14 males** age below one year old die out of 1,000 live births.



Neonatal Mortality Rate

STATISTICS ON DEATHS



**Neonatal Mortality Rate per 1,000 Live Births
2006-2016**

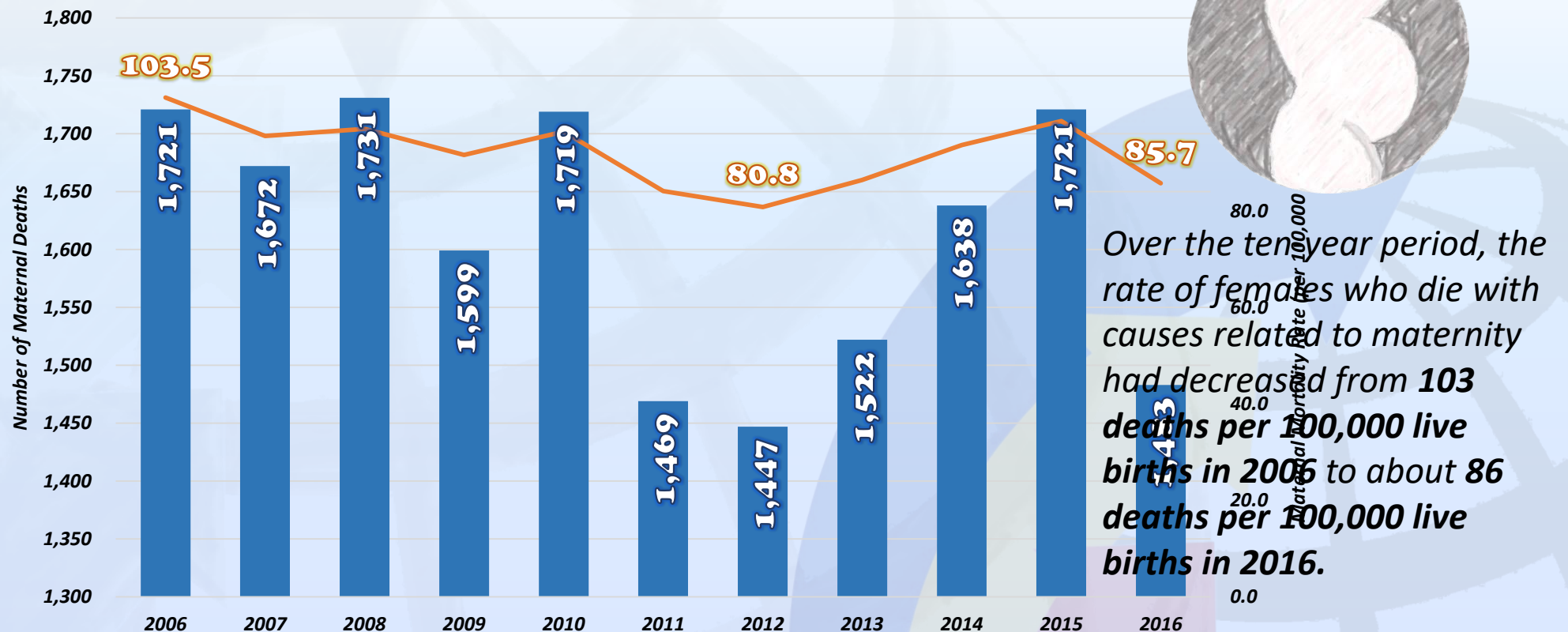


From 2006 to 2016, for every one thousand live births, an average of 7 newborns die before reaching the age of 28 days.

Maternal Mortality Ratio

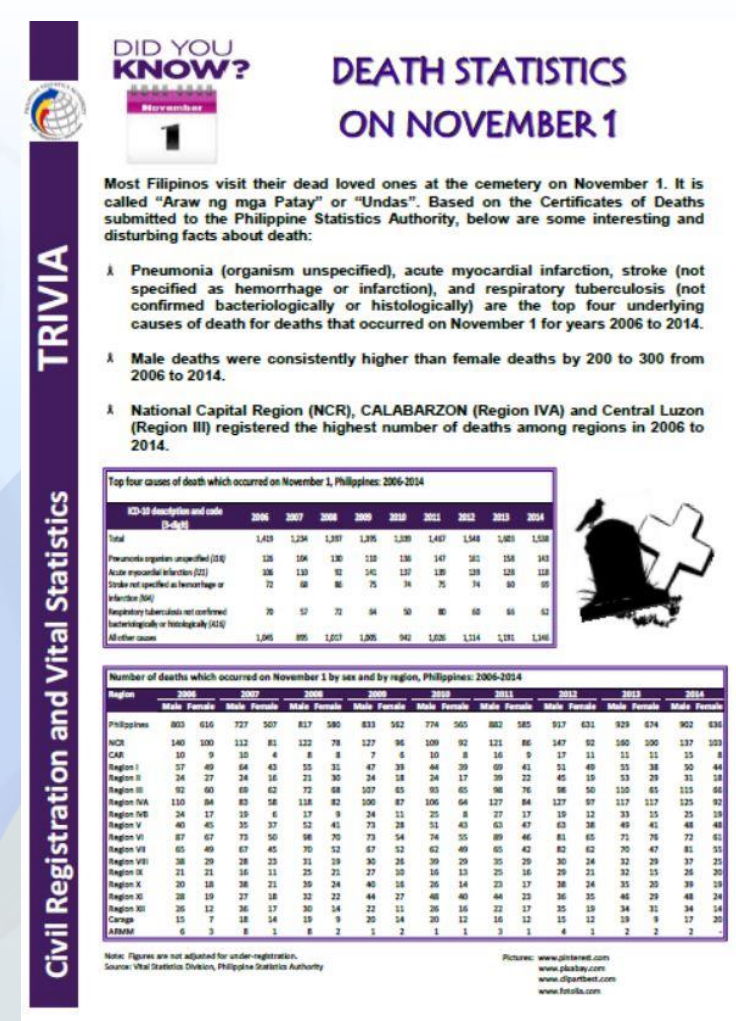
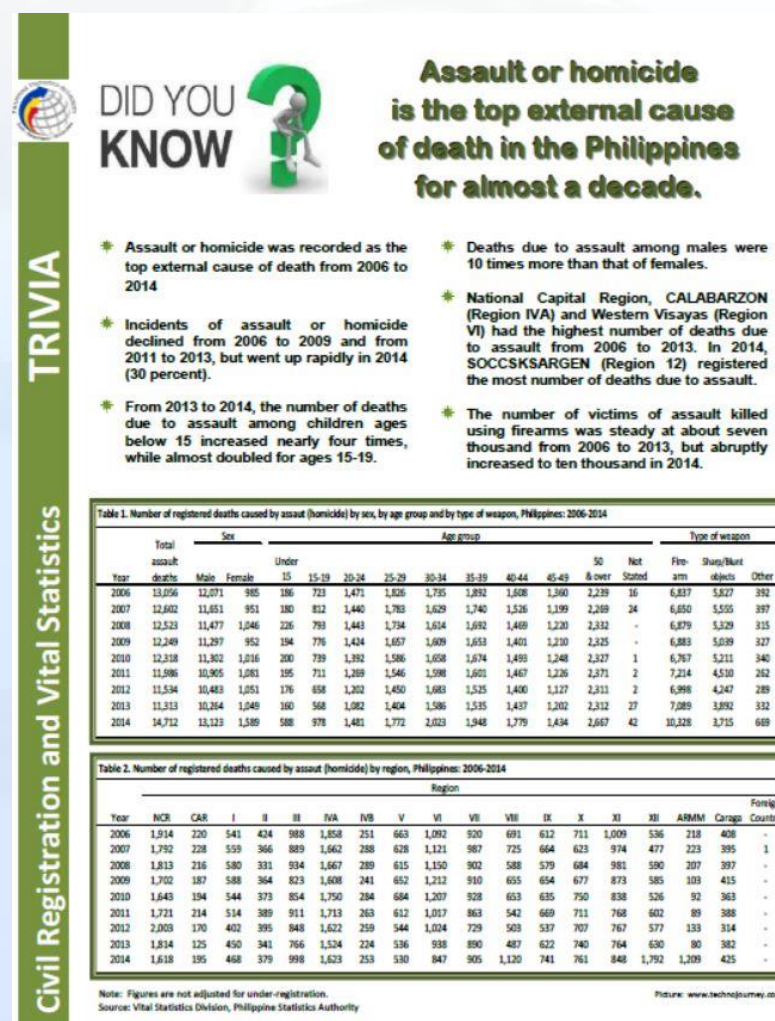
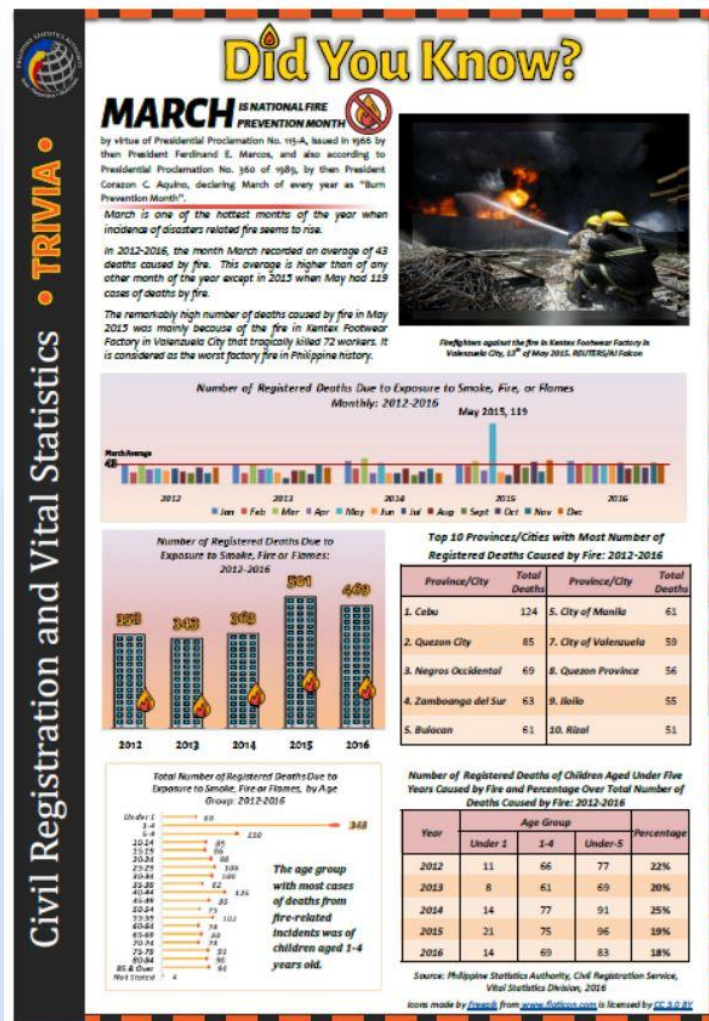
STATISTICS ON DEATHS

**Number of Maternal Deaths and Maternal Mortality Ratio
per 100,000 Live Births, 2006-2016**



Other trivia

STATISTICS ON DEATHS





Developments and Way Forward

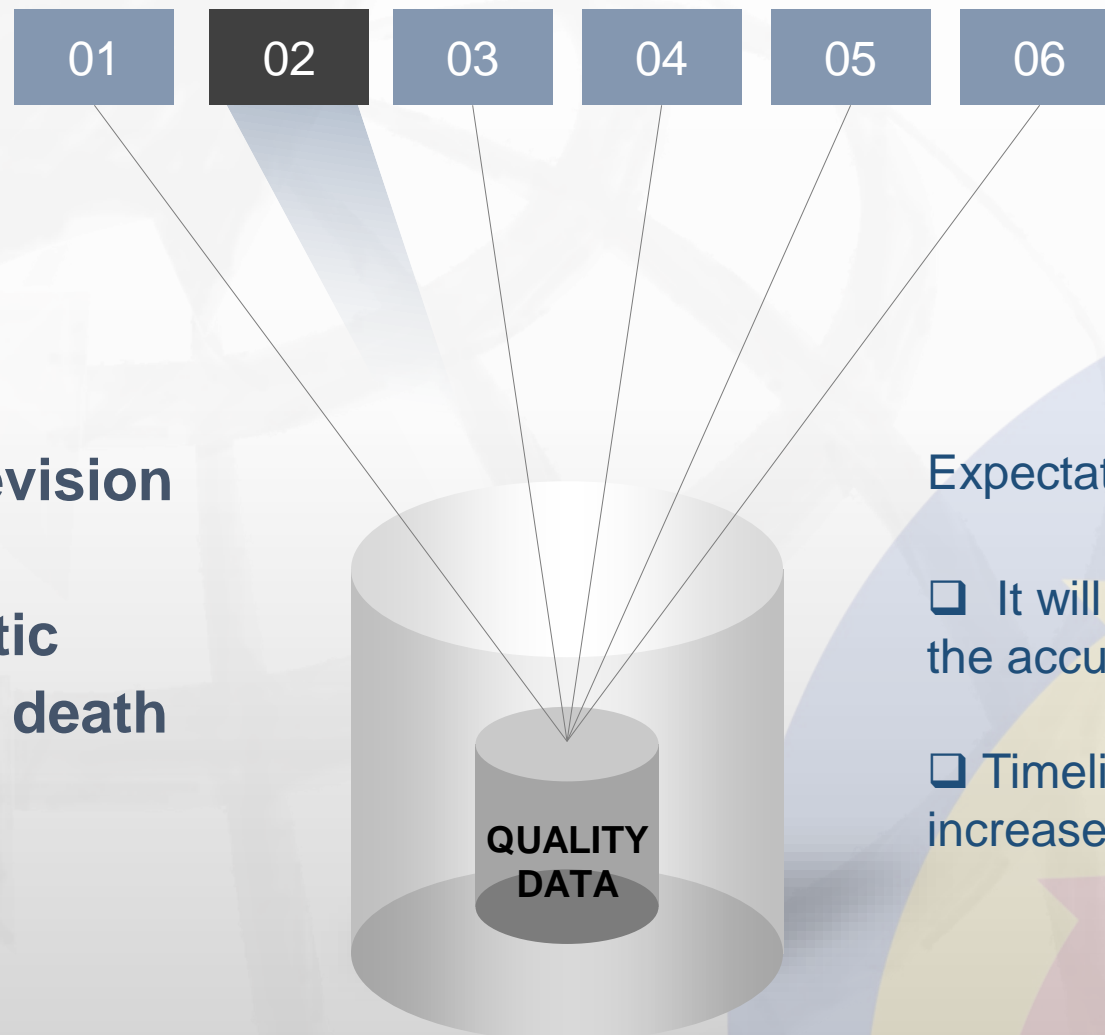
Way Forward

Availability of other vital statistics data such as annulment, divorce and other registrable events, thru the CRS-ITP2 project



Developments and Way Forward

**Improvement and revision
of CR systems to
incorporate automatic
coding of causes of death
using IRIS software**

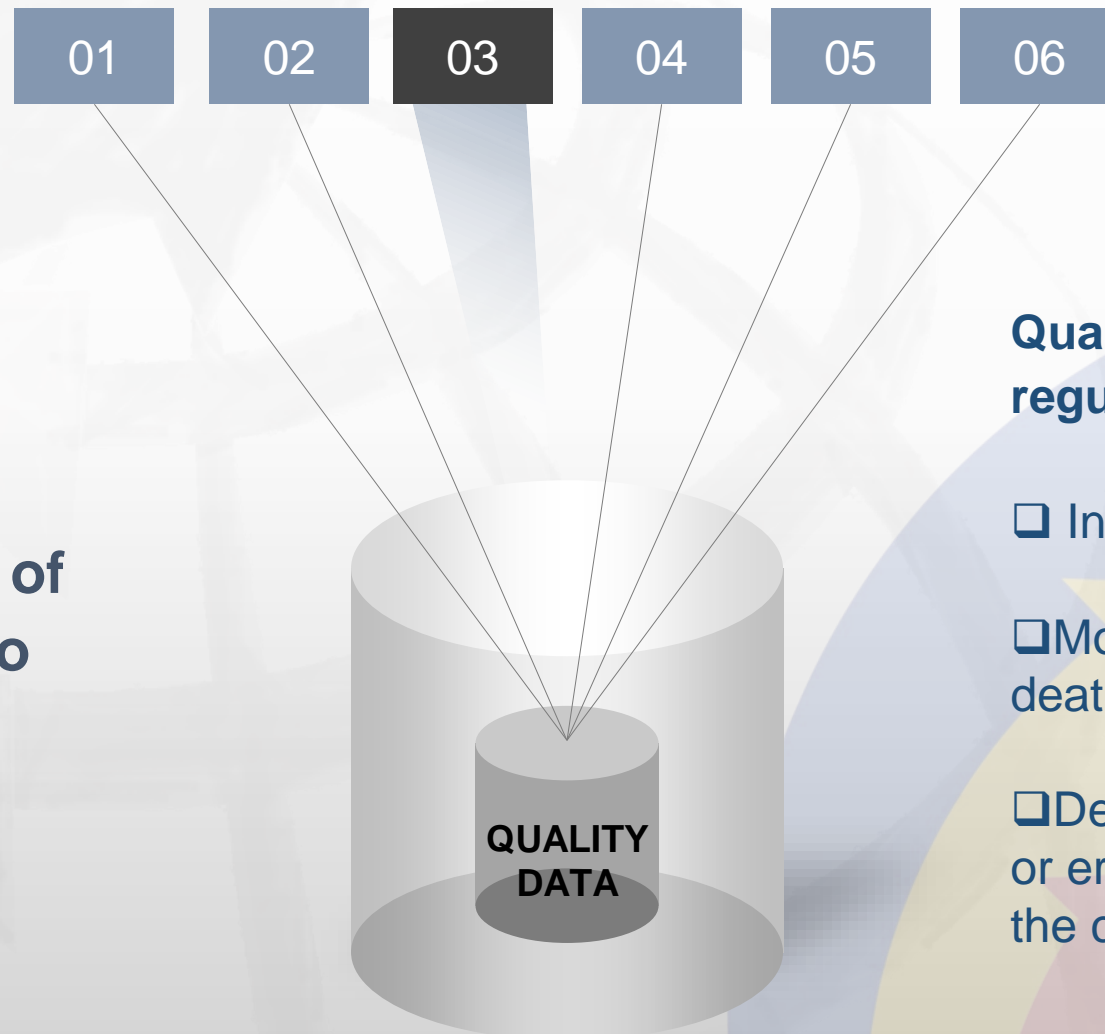


Expectation of using IRIS:

- ☐ It will standardize and improve the accuracy of the ICD coding
- ☐ Timeliness and efficiency will increase due to automated coding

Developments and Way Forward

**Cascading of
ANACONDA software,
which analyzes quality of
causes of death data, to
PSA provincial offices**



**Quality of mortality data will
regularly be assessed for:**

- ☐ Internal consistency
- ☐ Monitoring the completeness of death registration
- ☐ Determining the unusable codes or errors committed by doctors in the certification

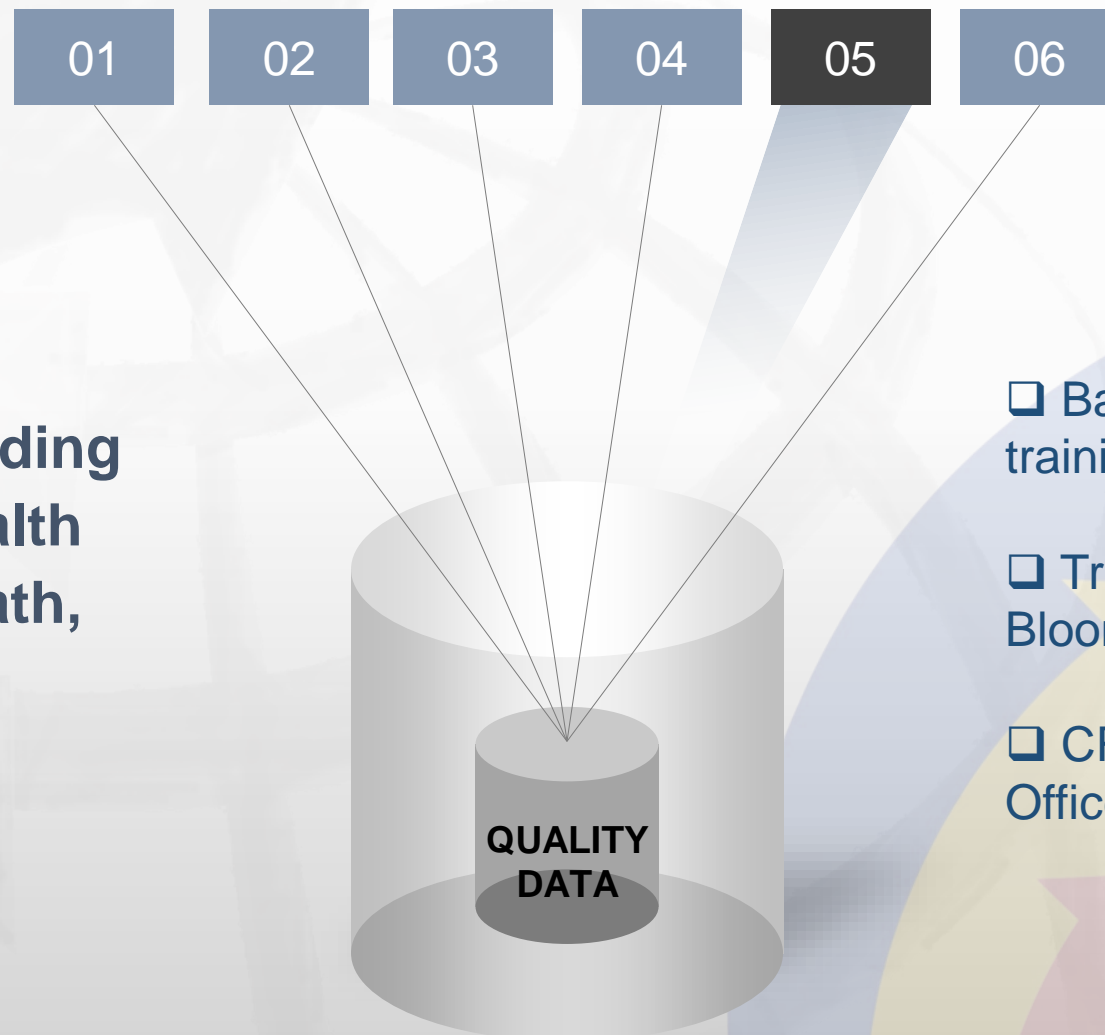
Developments and Way Forward



**Estimates on the Level of
Completeness of Birth and
Death Registration**

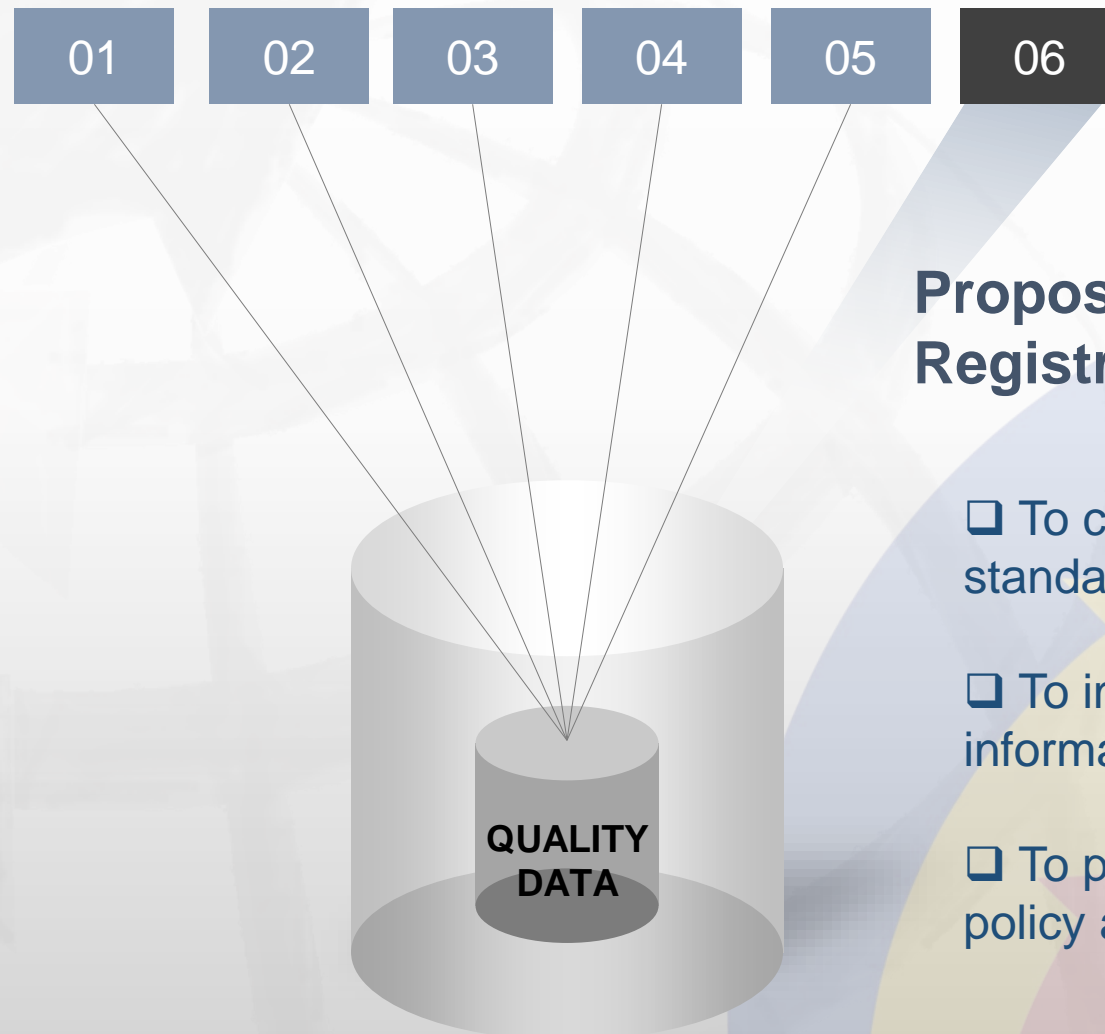
Developments and Way Forward

**Continue capacity building
such as training of health
workers, coders of death,
and civil registrars**



- ☐ Basic and Advance ICD-10 trainings
- ☐ Trainings conducted by Bloomberg Philanthropies
- ☐ CRVS trainings of PSA Field Offices

Developments and Way Forward



Proposed revision of Civil Registry Documents

- ☐ To conform with international standards
- ☐ To improve reporting of information
- ☐ To provide more data for health policy and program



Thank You!