



STATISTICAL NEWS

FBoS Release No: 11/2019

February 25th 2019

PROVISIONAL VITAL STATISTICS RELEASE 2014 - 2016

The Vital Statistics Release summaries information on live births, deaths and marriages. This release comprises of demographic indicators derived from Registrar General Data which covers 2014 – 2016 vital events. The data from the office of the Registrar General is tabulated by date of registration while that of Ministry of Health is by date of occurrence. Commonly, data of these events is collected through civil registration, an administrative system used by the government to record vital events, however, data is requested on ad hoc to the Ministry of Health when registration data is insufficient to statistics tabulation. For the purpose of this release, the vital events of 2013 - 2016 have been aggregated by 3 years consecutively for increased accuracy of information for the vital events in Fiji. Through the 3year aggregation, the release will be tabulating on mostly the midyears between 2013-2015(i.e. 2014) and 2014-2016 (i.e. 2015)

BIRTHS:

Table 1 below presents the number of births during 2014 - 2016. A total of 19,143 births was recorded for the year 2014, compared to 19,081 for 2015, 18,446 for 2016.

For the total births recorded below, males accounted for 52% while females at 48% consistently in the 3 periods.

Table 1: Total births by sex, 2014 - 2016

Year	Male	%	Female	%	Total
2014 adj	9,897	52	9,246	48	19,143
2015	9,872	52	9,209	48	19,081
2016 adj	9,544	52	8,902	48	18,446

Crude Birth Rate (CBR)

The Crude Birth Rate is derived by dividing the total number of births in a given year by the estimated population and then multiplying it by 1,000. The rate indicates the number of births per 1000 persons. Table 2 below describes the CBR derived for 2014 and 2015.

Table 2: Crude birth rate by 3 year aggregate for total population, 2014-2015

Rate	2014	2015
CBR	21.9	21.7

Sex Ratio

Table 3 presents that the Sex Ratio of Total Population for males to females in Fiji's population. In both years, sex ratio is at 104 Males to every 100 Females.

Table 3: Sex Ratio at Birth

Sex Ratio	2014	2015
Total Pop	104	104

Age Specific Fertility Rate (ASFR)

The fertility rates below have been computed from information downloaded from the BDM System and also the Ministry of Health's Birth data.

The age-specific fertility rate (ASFR) is the number of live births per 1000 women in the reproductive age-groups 15-49.

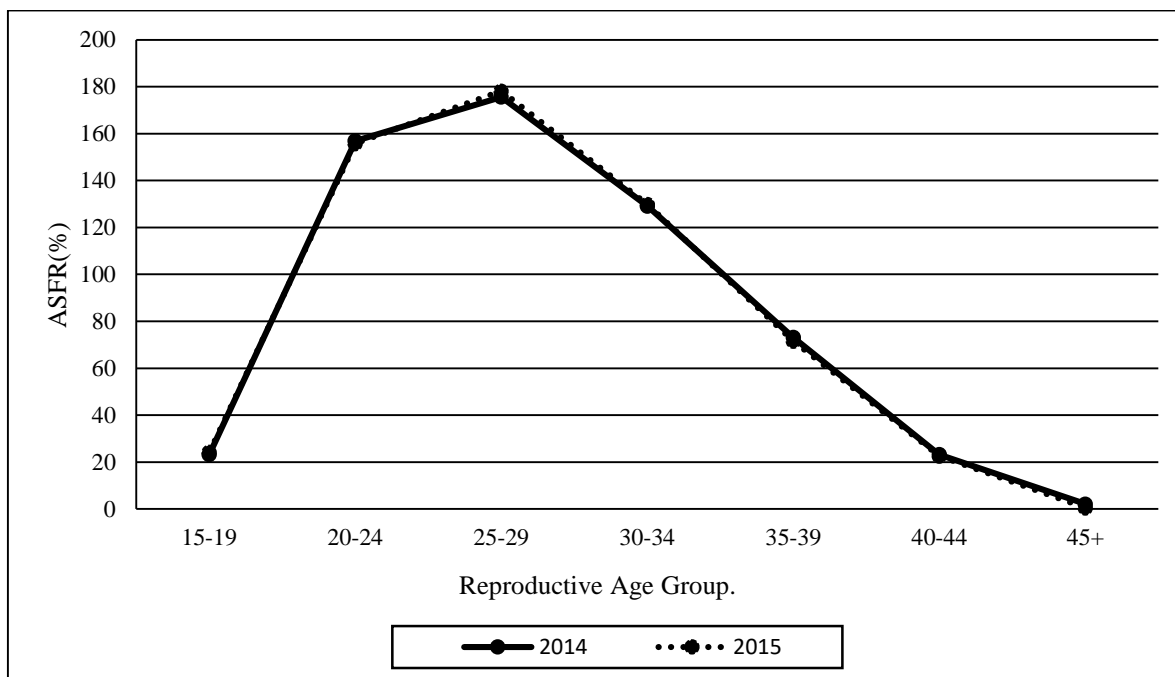
Table 4 that follows indicates that a woman will on average have 3 children in her reproductive age. The Total Fertility Rate is consistent at 2.92 and 2.91 for 2014 and 2015 respectively. The figures indicate no significant change in Fiji's Total Fertility Rate.

Table 4: Age specific fertility rate by age groups for total population, 2014 - 2015

Reproductive Age Group	Combined Years (ASFR)	
	2014	2015
15-19	23.28	24.18
20-24	156.96	155.82
25-29	175.64	178.21
30-34	129.20	129.85
35-39	73.17	71.57
40-44	23.20	22.55
TFR	2.92	2.91

The age specific fertility rates for the years 2014 and 2015 are presented in Graph 1 below. Most births occur in the age group 25-29 and a slight decrease is evident over the period discussed.

Graph 1: Age Specific Fertility Rate, 2014-2015



DEATHS:

When a death takes place, it becomes the duty of any relative of the deceased or any person present at the death or occupier of the house where the death occurred or any person who undertakes to cremate or bury the dead, to register the event. The Ministry of Health’s death data presented in Table 5 describes that there is a significant gender differential in the number of deaths with an average of about 800 more Male deaths over the three years reported.

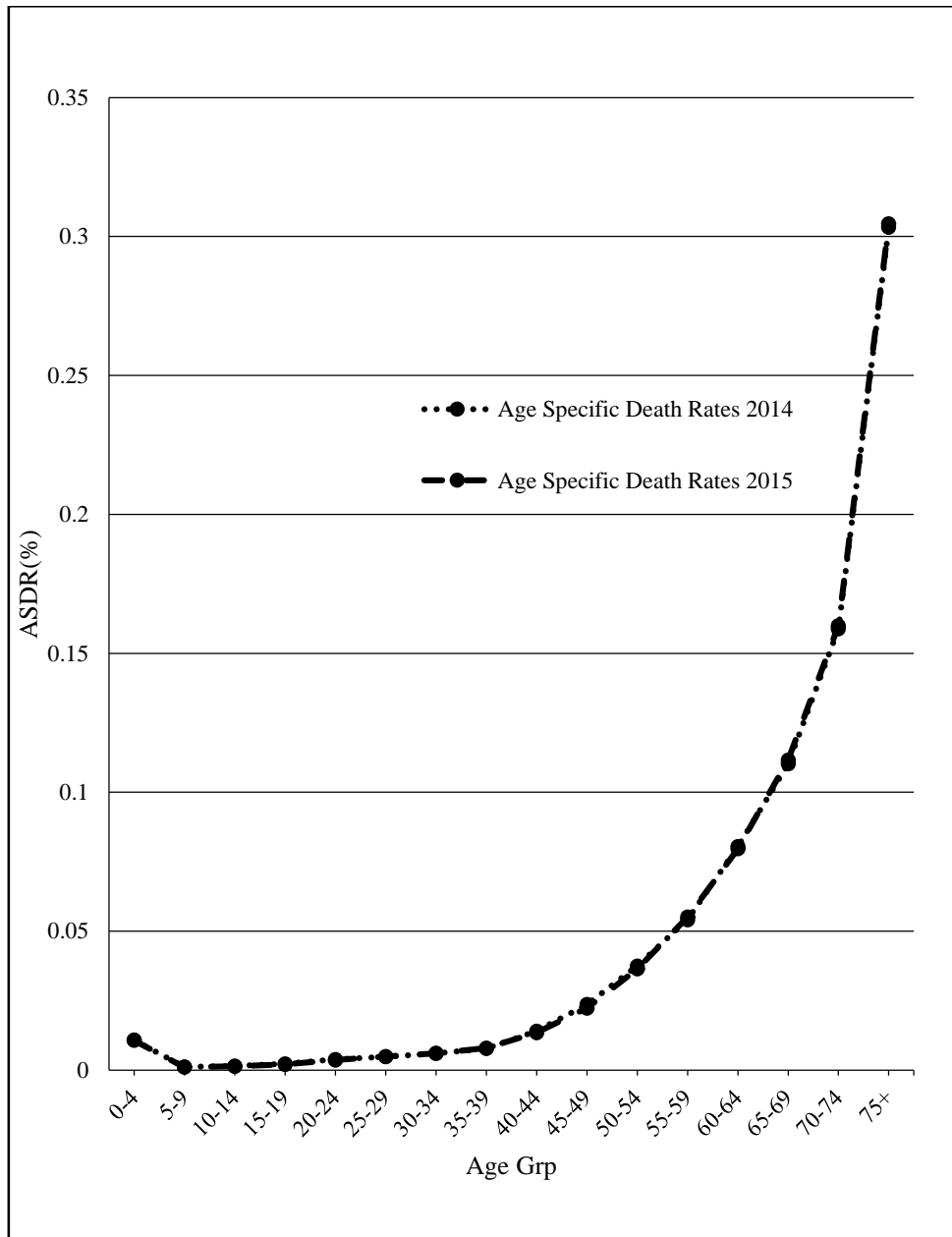
Table 5: Number of Deaths by age, by average of 3 years aggregate: 2014 -2015

Age Grps	2014			2015		
	Male	Female	Total	Male	Female	Total
0-4	198	165	364	200	153	353
5-9	18	15	33	19	13	32
10-14	22	15	38	21	14	35
15-19	32	27	59	26	26	52
20-24	59	34	94	55	33	89
25-29	68	42	111	67	42	109
30-34	83	49	132	83	50	133
35-39	86	66	152	89	68	157
40-44	140	103	244	138	97	235
45-49	234	167	401	221	150	371
50-54	370	232	603	367	223	591
55-59	421	282	704	443	297	741
60-64	451	328	779	477	320	797
65-69	451	328	779	467	342	808
70-74	411	330	741	426	349	775
75-79	298	275	573	308	295	602
80-84	207	219	425	199	245	443
85-89	102	128	229	91	145	236
90-94	40	56	96	35	55	90
95+	8	10	18	5	15	19
Total	3,699	2,873	6,573	3,738	2,933	6,672

Age Specific Death Rates (ASDR)

Age specific death rate is the number of deaths for every 1000 population of a specific age group in a given period. The figure below illustrates the typical model of the age specific death rates. In the 0 – 4 age group, children have a high risk of mortality as depicted below. Thereafter, the population mortality rate decreases then rises again in the population's older ages from 35⁺.

Graph 2: Age Specific Death Rates by Age group, 2014 - 2015



Life expectancy at birth

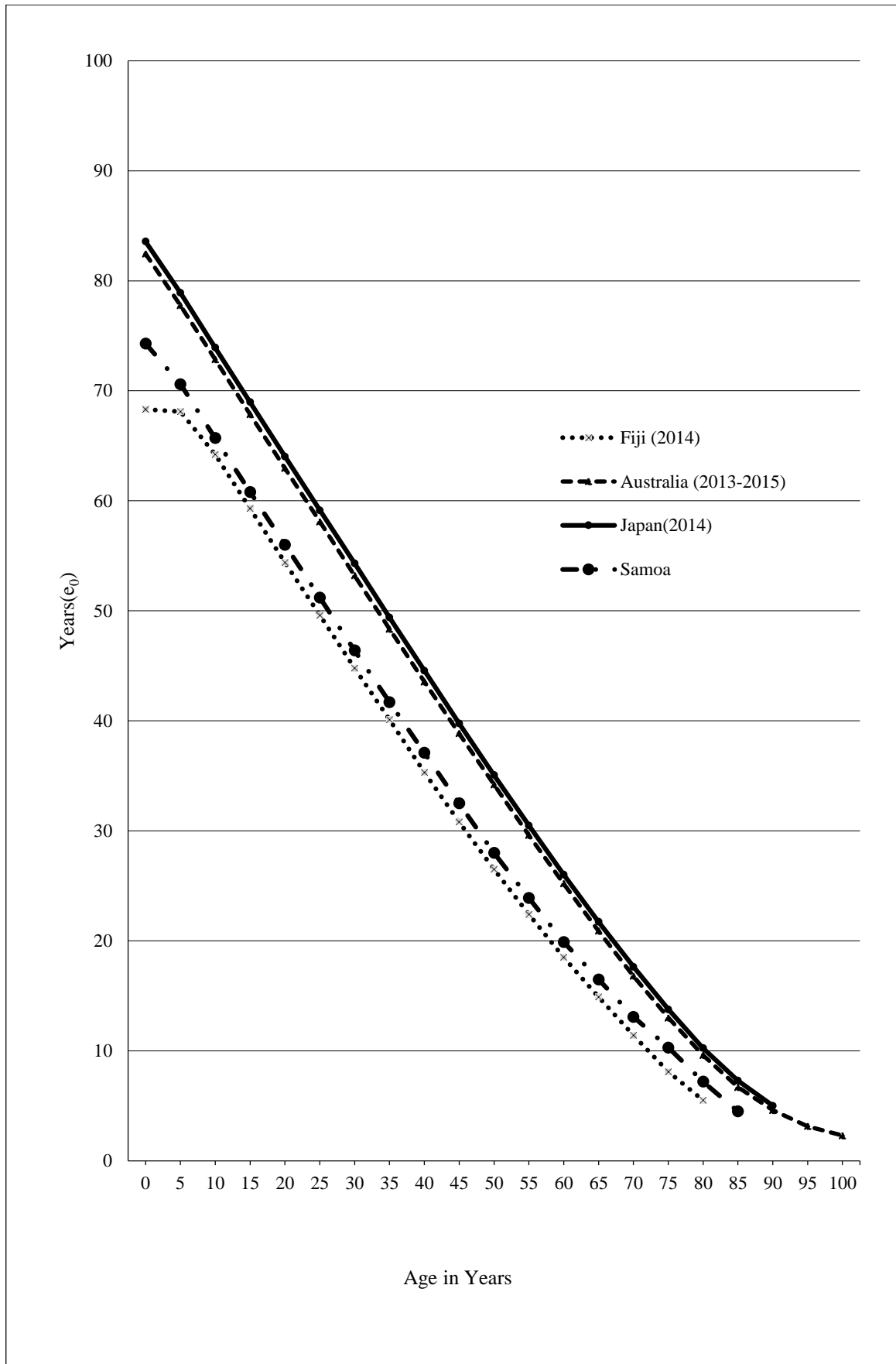
The Average Life Expectancy at Birth is defined as the average number of years that a new-born could expect to live if he or she were to pass through life subject to the age-specific mortality rates of a given period. For Males the figure was 66.5 in 2014 and 66.8 in 2015. However the Average Female Life Expectancy at Birth is consistent for 2014 at 70.2 in 2014 and 70.1 in 2015.

Further details are provided in Table 6 with Figure 3 providing a comparison with two developed and one developing Pacific Island country. The life expectancy of the developed countries is distinctly higher over all age groups, narrowing slightly from age 65 and over. When compared to Samoa’s Life Expectancy by age, the difference is at the lowest and highest age groups.

Table 6: Life expectancy by age group, 2014 - 2015

Age(x)	2014			2015		
	Males	Females	Total	Males	Females	Total
	e _x	e _x	e _x	e _x	e _x	e _x
0	66.5	70.2	68.3	66.8	70.1	68.4
1	66.3	69.9	68.1	66.6	69.7	68.2
5	62.4	66.0	64.2	62.6	65.8	64.2
10	57.5	61.0	59.3	57.7	60.9	59.3
15	52.6	56.2	54.4	52.8	56.0	54.4
20	47.8	51.3	49.6	48.1	51.2	49.6
25	43.1	46.5	44.8	43.3	46.3	44.8
30	38.4	41.7	40.1	38.6	41.6	40.1
35	33.7	37.0	35.3	34.0	36.8	35.4
40	29.2	32.4	30.8	29.4	32.2	30.8
45	25.0	28.0	26.5	25.2	27.8	26.5
50	21.0	23.8	22.4	21.2	23.5	22.4
55	17.3	19.7	18.5	17.5	19.5	18.5
60	13.8	16.0	14.9	14.1	15.6	14.9
65	10.5	12.3	11.4	10.9	11.9	11.4
70	7.4	8.7	8.1	7.8	8.3	8.1
75	5.0	6.0	5.5	5.5	5.6	5.5

Graph 3: Life Expectancy by sex, 2014 - 2015



Infant Mortality Rate (IMR)

The Infant Mortality Rate indicates the number of infant deaths per 1,000 live births. Fiji's IMR had fluctuated between the three periods below. The Infant Mortality Rate is the number of infant deaths per 1000 live births. The IMR was 15.0 in 2014 and 14.3 in 2015.

Table 7. Infant Mortality Rate, 2014-2015

Rate	2014			2015		
	Male	Female	Total	Male	Female	Total
Infant Mortality Rate	15.6	14.4	15.0	15.5	13.1	14.3

MARRIAGES:

Marriage is an important determinant of fertility. The number of persons who marry, or who do not, the ages at which men and women first marry, the frequency of widowhood and of divorce, all have a bearing upon the number of children born. For fertility purposes, persons living as husband and wife are regarded as married even if not legally married, however, for this section, only legal marriages have been compiled and presented.

Marriage by Age of Participants

Table 8 below shows that there are about 25,000 registered marriages annually with the majority occurring in the age group 25- 29 followed by those in the age group 20-24.

Table 8: Number of Registered Marriages by Age of Participants, 2014 -2015

Age Group	2014	2015
18 - 19	327	332
20 - 24	5766	5974
25 - 29	9076	9241
30 - 34	5225	5301
35 - 39	2567	2639
40 - 44	1468	1527
45 - 49	955	1016
50 - 54	644	711
55 - 59	379	384
60 & over	376	407
Total	26,783	27,532

Registered Marriages by Month

In the years 2014 and 2015, the highest number of marriages occurred in the month of August. Further details are presented in Table 9 that follows;

Table 9: Number of Registered Marriages by Month by 3 year aggregate

Months	2014	2015
January	1995	1979
February	1923	1852
March	2171	2152
April	2260	2374
May	2647	2575
June	2200	2257
July	2371	2374
August	2747	2756
September	2107	2085
October	2252	2323
November	2025	2307
December	2085	2498
TOTAL	26,783	27,532

Marriages by Previous Marital

Each year, on average about 83% of the brides and grooms are spinsters and bachelors while widows/widowers and divorcee's account for about 2% and 14% respectively of total marriages. Also note that more grooms re-married compared to brides.

Table 10: Registered marriages by previous marital status by 3yr aggregate, 2014-2015

Years	Grooms			Brides		
	Bachelor	Widower	Divorcee	Spinster	Widow	Divorcee
2014	7,402	227	1,299	7,470	198	1,259
2015	7,605	247	1,325	7,662	226	1,289
Grand Total	15,007	474	2,623	15,132	424	2,548

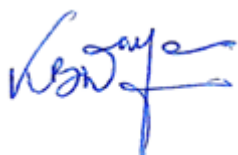
Crude Marriage Rate (CMR)

CMR is the number of marriages that occur in a country during a given year, per 1,000 mid-year total population of the given geographical area during the same year. The table below, gives the total marriage that occur over a 3 year aggregate irrespective of previous marital status. The table also indicates that on average 20 people per 1000 population get married every year for the period 2010-2016.

Table 11: Crude Marriage Rate for Mid-year Population

Years	Total Marriage by 3yr aggregate	Average Number of Marriage	Midyear Pop Estimation	CMR
2011	49,558	16,519	852,495	19.4
2012	50,746	16,915	856,164	19.8
2013	50,840	16,947	860,053	19.7
2014	53,566	17,855	863,892	20.7
2015	55,064	18,355	867,587	21.2

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