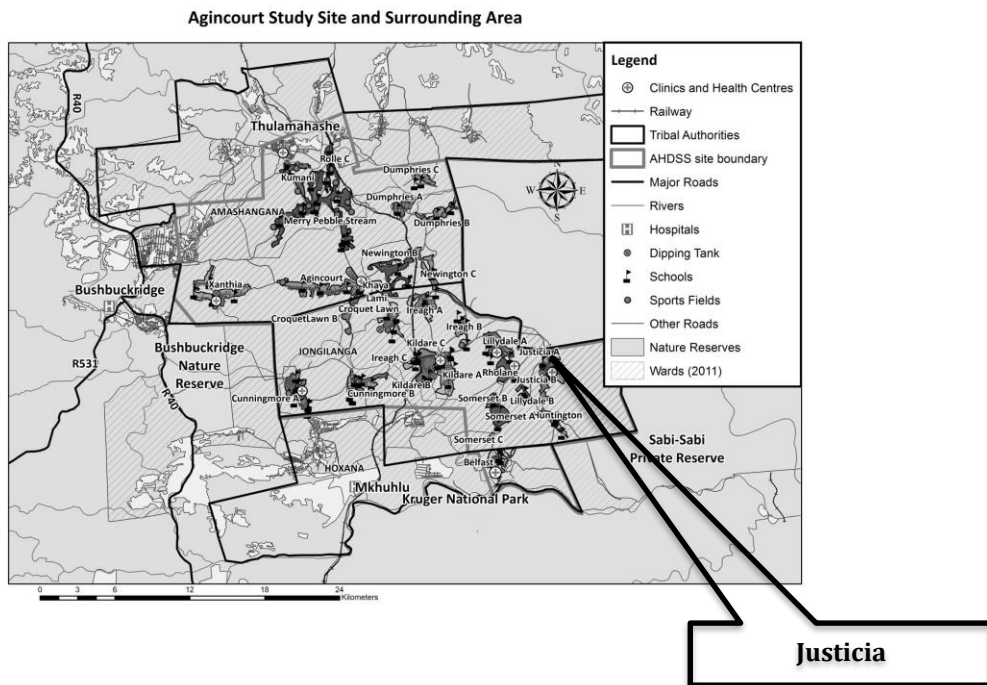


JUSTICIA VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for Justicia village. Whenever you use this information, please reference it as being obtained from MRC/Wits Rural Public Health and Health Transitions Research Unit (Agincourt).

Villages in the Agincourt Health and Socio-Demographic Surveillance (HDSS) System Research Site in 2014 include:

Agincourt, Belfast, Croquet Lawn, Croquet Lawn B, Cunningmore A, Cunningmore B, Dumphries A, Dumphries B, Dumphries C, Huntington, Ireagh A, Ireagh B, Ireagh C, Justicia, Khaya Lami, Kildare A, Kildare B, Kildare C, Kildare B, Kumani, Lillydale A, Lillydale B, Makaringe, MP Stream, Newington B, Newington C, Rolle C, Somerset, Somerset C, and Xanthia.



Village Growth and Population over the Period 1994 - 2015

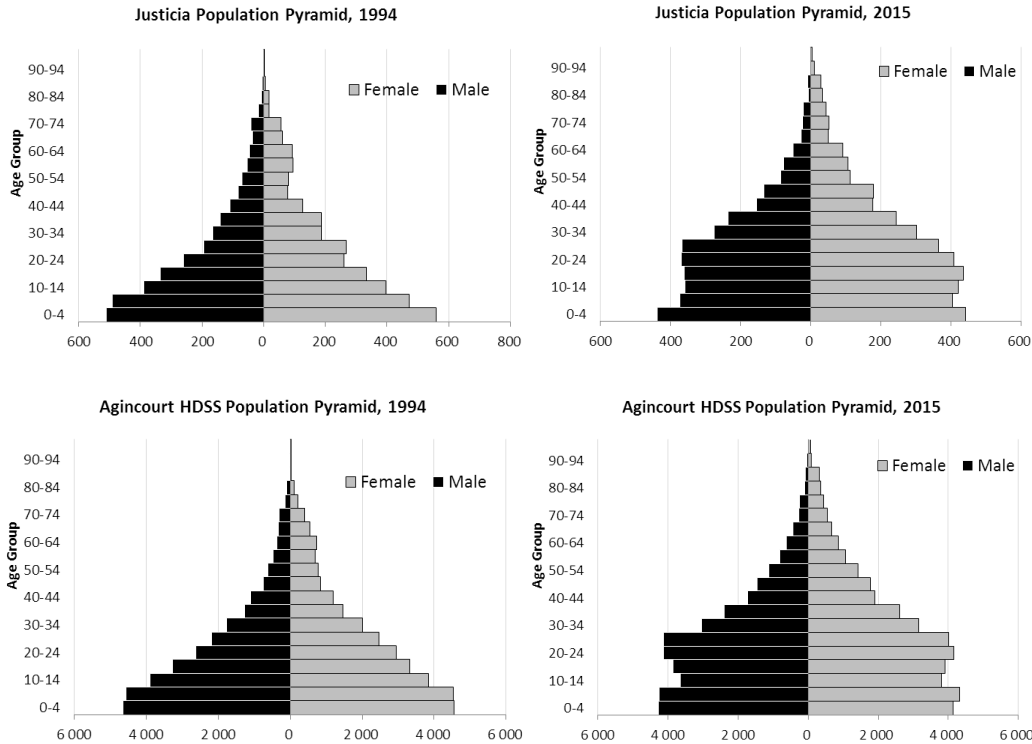
The numbers shown in below are calculated according to numbers for the end of June 2015. The numbers are known as mid-year population figures.

Mid-year Figures of Justicia, 1994 and 2015		
	1994	2015
Households	963	1 479
Population	6 253	7 283
Male	2 959	3 370
Female	3 294	3 913
Children under 5	1 070	879
Children of school-going age (5-19)	2 417	2 351

Below you can see how many people were living in Justicia village of different ages in June 2015.

Mid-Year Population of Justicia village, 2015			
Age Group	2015		
	Male	Female	Total
0-4	438	441	879
5-9	373	404	777
10-14	359	420	779
15-19	360	435	795
20-24	369	409	778
25-29	366	364	730
30-34	276	303	579
35-39	236	244	480
40-44	155	178	333
45-49	133	180	313
50-54	85	113	198
55-59	78	107	185
60-64	51	92	143
65-69	28	50	78
70-74	24	51	75
75-79	20	43	63
80-84	6	34	40
85-89	9	30	39
90-94	3	10	13
95+	1	5	6
Total	3 370	3 913	7 283

You can compare the population structure between Justicia village and the Agincourt HDSS research site (1994 and 2015) by looking at the population pyramids below.



Take home message: The number of households in Justicia village has increased since 1994. The population has also grown between the years of 1994 and 2015. The population structure of Justicia village strongly follows the structure of the Agincourt HDSS research site.

Births

Number of Births by Gender

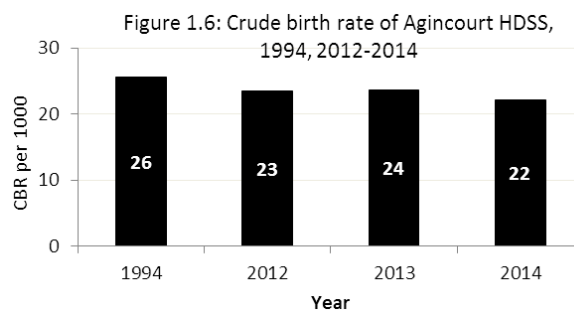
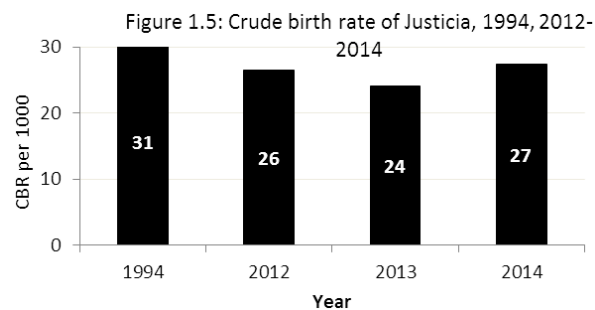
The number of births recorded in Justicia village is shown below. We can only provide data to the end of 2014.

Births by Gender in Justicia Village, 1994 and 2014		
	1994	2014
Male Births	100	102
Female Births	96	96
Total Births	196	198

The numbers of births show an upward trend in Justicia village. In 2014 there was an increase in the number of births.

Crude Birth Rate (how many babies born for every one thousand people)

We compared the birth trends in Justicia village with the rest of the Agincourt HDSS research site in the graphs below.



The crude birth rate is found by comparing the number of babies born to the total population. For example, above, for every 1000 people living in Justicia village in the year 2014, 27 babies were born.

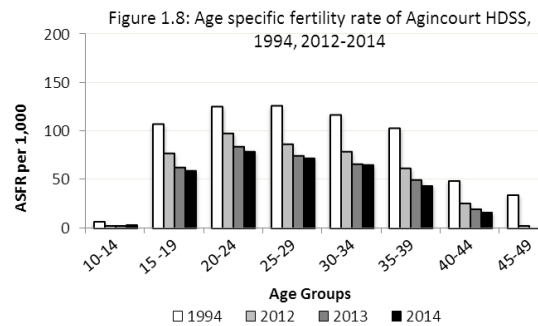
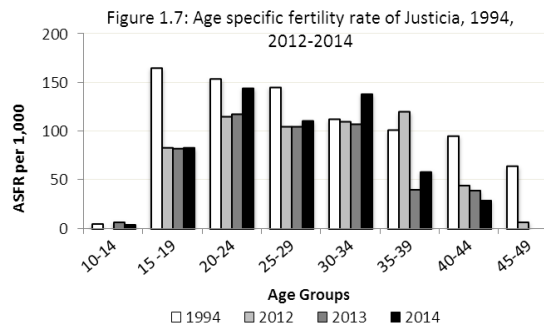
When you compare the crude birth rates in Justicia village with the crude birth rate for the whole of the Agincourt HDSS research site, they are relatively similar. One difference is that Justicia had an increase in births in 2014 and Agincourt HDSS did not.

Births by Mother's Age and Age Specific Fertility Rates

Research within the Agincourt HDSS research site continues to look closely at fertility. You can see the number of babies born to mothers of different ages in Justicia village below.

Births by Age group in Justicia, 1994 and 2014		
Age Groups	1994	2014
10-14	2	2
15 -19	55	36
20-24	40	61
25-29	39	38
30-34	21	42
35-39	19	14
40-44	12	5
45-49	5	0
Total Births	193	198

We can also look at trends across the whole site and compare them with Justicia village.



We find the age specific fertility rate by looking at how many women in a certain age group have had babies in a certain year. For example, we can see that in the year 2014 in Justicia village, for every 1000 women ages 15-19, about 80 of them gave birth.

Take home message: 2014 saw increases in fertility among women ages 15-39, and decreases in all other age groups.

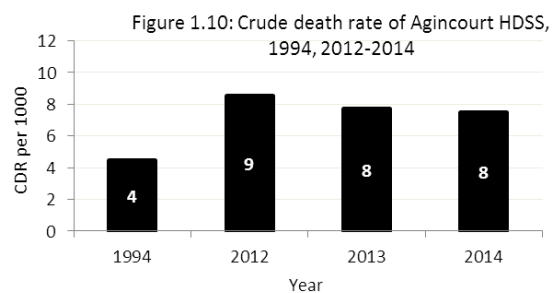
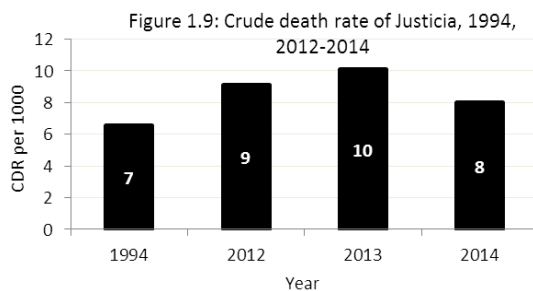
Deaths

Deaths

The MRC/Wits Agincourt Unit only gives *numbers* of deaths for each age group in each village, not the *cause* of death. The number of deaths occurring is low and if the cause of death is given, then a person's confidentiality may be broken. Below you can see the total number of deaths that occurred in Justicia village in 1994 and in 2014.

Deaths by Gender in Justicia, 1994 and 2014		
	1994	2014
Male Deaths	26	28
Female Deaths	15	30
Total Deaths	41	58

Below you can compare the crude death rates over the same period in Justicia village and across the Agincourt HDSS research site.



The crude death rate is found by looking at how many people died for every 1000 people living in the population. For example, in 2014, for every 1000 people in the population of Justicia village, 8 died.

The data shows that the crude death rate has increased greatly from the levels seen in 1994, across the whole population of the Agincourt HDSS research site. However, there is a suggestion that the death rate may be falling. We need to carry on watching these figures to see if this is really a trend. We are beginning to think that there really is a downward trend in death rates, probably because of the increase in ARVs for people with HIV.

MIGRATION

Permanent migration patterns

Below you can see how many people have moved in to and out of Justicia village permanently.

In-Migrants by Gender in Justicia village, 1994 and 2014		
	1994	2014
Male In-Migrants	203	142
Female In-Migrants	315	215
Total	518	357

Out-Migrants by Gender in Justicia village, 1994 and 2014		
	1994	2014
Male Out-Migrants	274	158
Female Out-Migrants	408	227
Total Out-Migrants	682	385

Take home message: The number of people permanently moving in and out of Justicia village is decreasing. It is important to understand how many people are moving in and out of the village.