

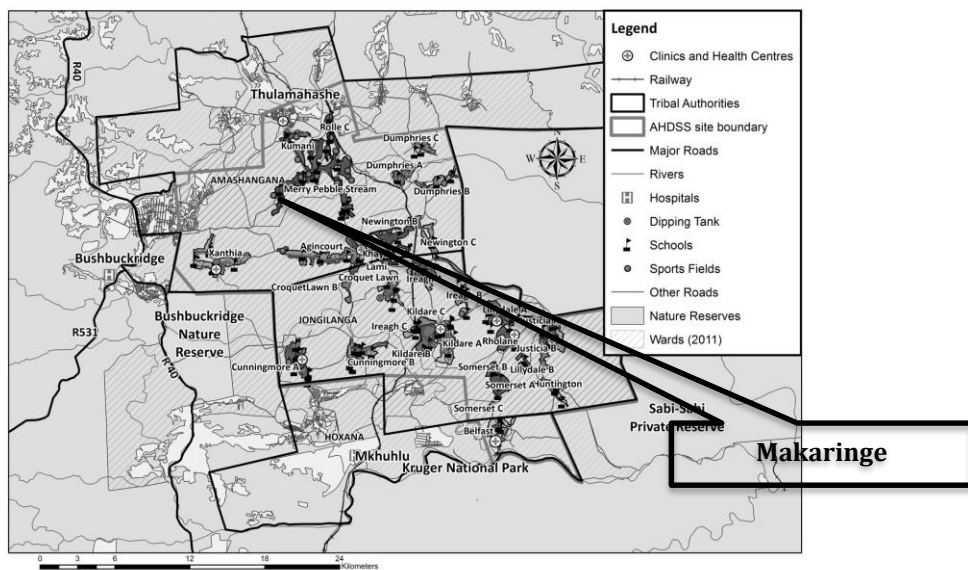
MAKARINGE VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for Makaringe 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, Kumani, Lillydale A, Lillydale B, Makaringe, MP Stream, Newington B, Newington C, Rolle C, Somerset, Somerset C, and Xanthia.

Agincourt Study Site and Surrounding Area



Village Growth and Population over the Period 2013- 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.

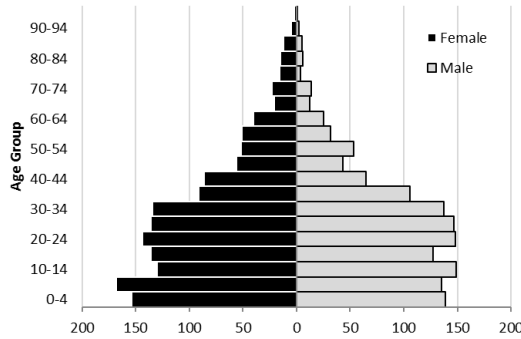
Mid-year Figures of Makaringe, 2013 and 2015		
	2013	2015
Households	493	485
Population	2764	2822
Male	3100	3279
Female	1472	3556
Children under 5	268	278
Children of school-going age (5-19)	850	824

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

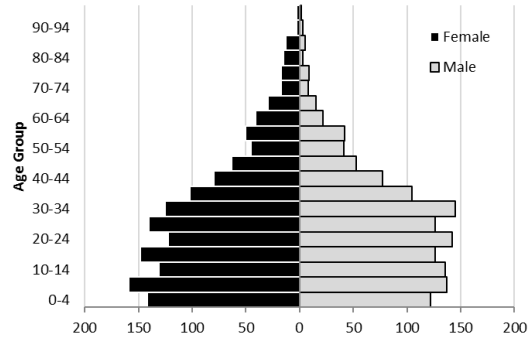
Mid-Year Population of Makaringe village, 2015			
Age Group	2015		
	Male	Female	Total
0-4	139	154	293
5-9	135	168	303
10-14	149	130	279
15-19	127	136	263
20-24	148	144	292
25-29	147	136	283
30-34	137	134	271
35-39	106	91	197
40-44	65	86	151
45-49	43	56	99
50-54	53	52	105
55-59	32	51	83
60-64	25	40	65
65-69	12	21	33
70-74	14	23	37
75-79	4	16	20
80-84	6	15	21
85-89	5	12	17
90-94	2	5	7
95+	1	2	3
Total	1350	1472	2822

You can compare the population structure between Makaringe village and the Agincourt HDSS research site (2013 and 2015) by looking at the population pyramids below.

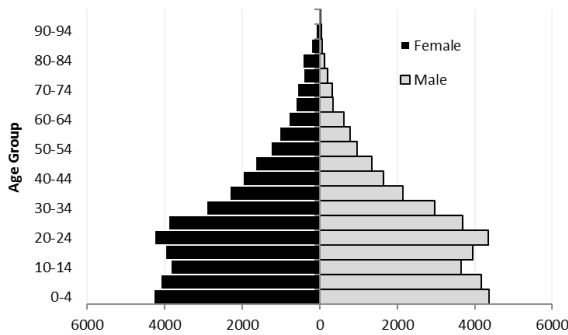
Makaringe Population Pyramid, 2013



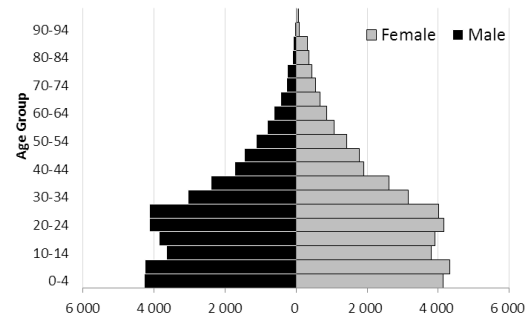
Makaringe Population Pyramid, 2015



Agincourt HDSS Population Pyramid, 2013



Agincourt HDSS Population Pyramid, 2015



Take home message: The number of households in Makaringe village has increased since 2013. The population has also grown between the years of 2013 and 2015. The population structure of Makaringe village strongly follows the structure of the Agincourt HDSS research site with a slight variation in the older male and female populations.

Births

Number of Births by Gender

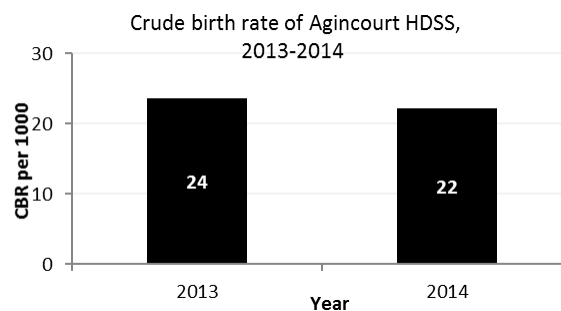
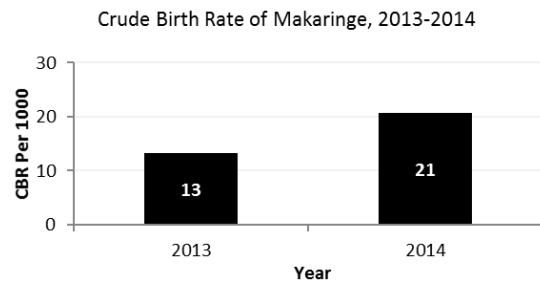
The number of births recorded in Makaringe village are shown below. We can only provide data to the end of 2014.

Births by Gender in Makaringe Village, 2013 and 2014		
	2013	2014
Male Births	22	57
Female Births	11	30
Total Births	33	87

The numbers of births show an upward trend in Makaringe 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 the Makaringe village with the rest of the Agincourt HDSS research site. The crude birth rate in Makaringe village from 2013 to 2014 and the crude birth rates in the Agincourt HDSS research site from 2013 to 2014 are shown in the graphs below.



The crude birth rate is found by comparing the number of babies born to the total population. For example, for every 1000 people living in Makaringe village in the year 2014, 21 babies were born.

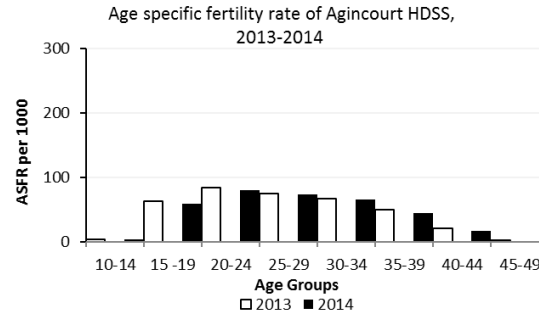
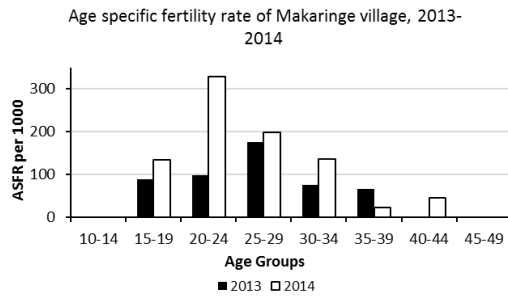
When you compare the crude birth rates in Makaringe village with the crude birth rate for the whole of the Agincourt HDSS research site, they are relatively similar. One difference is that Makaringe had a decrease in births in 2014 and Agincourt HDSS did not.

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 Makaringe village below.

Births by Age group in Makaringe, 2013 and 2014		
Age Groups	2013	2014
10-14	0	0
15 -19	12	18
20-24	14	44
25-29	24	28
30-34	10	18
35-39	6	2
40-44	12	4
45-49	14	18
Total Births	92	132

We can also look at trends across the whole site and compare them with Makaringe 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. We can see that in the year 2014 in Makaringe village, for every 1000 women ages 15-19, about 140 of them gave birth.

Take home message: 2014 saw a great increase in fertility across all age groups except ages 35-39 and no change in groups 10-14 and 45-49.

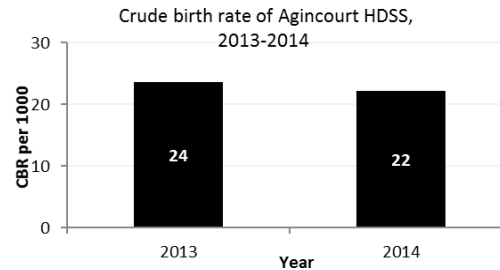
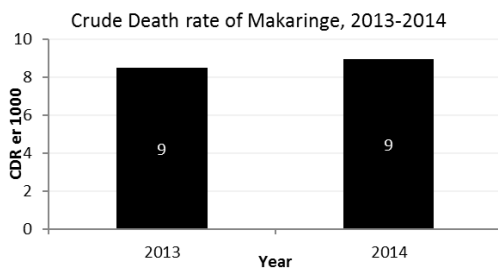
Deaths

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 Makaringe village in 1994 and in 2014.

Deaths by Gender in Makaringe, 2013 and 2014		
	1994	2014
Male Deaths	11	10
Female Deaths	13	15
Total Deaths	24	25

Below you can compare the crude death rates over the same period in Makaringe 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 Makaringe village, 9 died.

The data shows that the crude death rate for Makaringe has remained constant from the levels seen in 2013, while there has been a slight decrease across the whole population of the Agincourt HDSS research site. 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 and out of Makaringe village permanently.

In-Migrants by Gender in Makaringe village, 2013 and 2014		
	2013	2014
Male In-Migrants	13	15
Female In-Migrants	24	18
Total	37	33

Out-Migrants by Gender in Makaringe village, 2013 and 2014		
	2013	2014
Male Out-Migrants	32	45
Female Out-Migrants	83	88
Total Out-Migrants	115	133

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