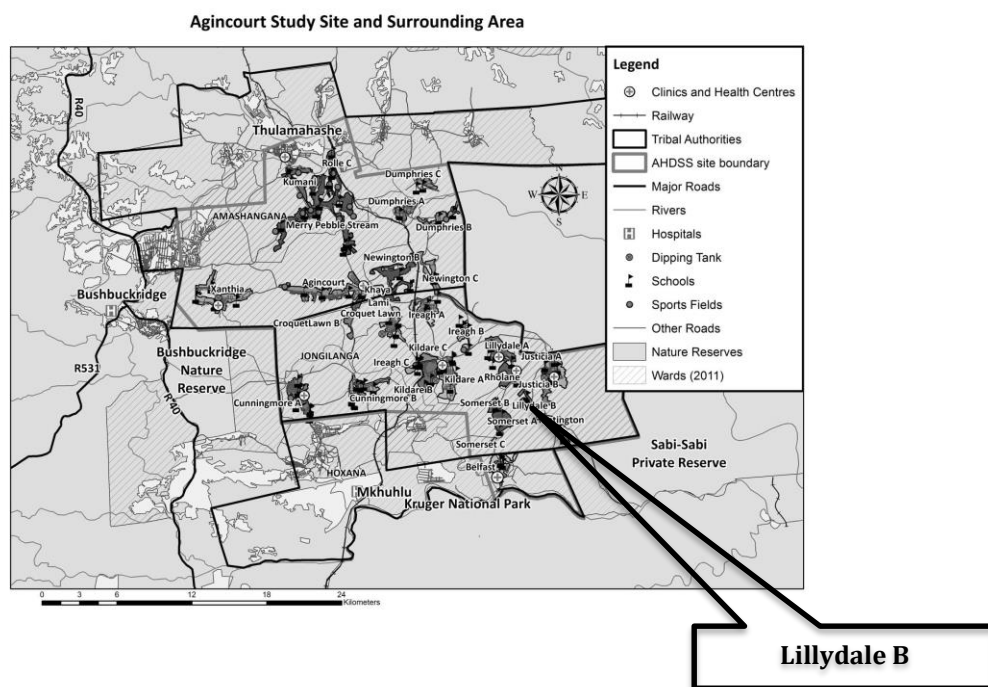


LILLYDALE B VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for Lillydale B 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.



Village Growth and Population over the Period 1994 - 2015

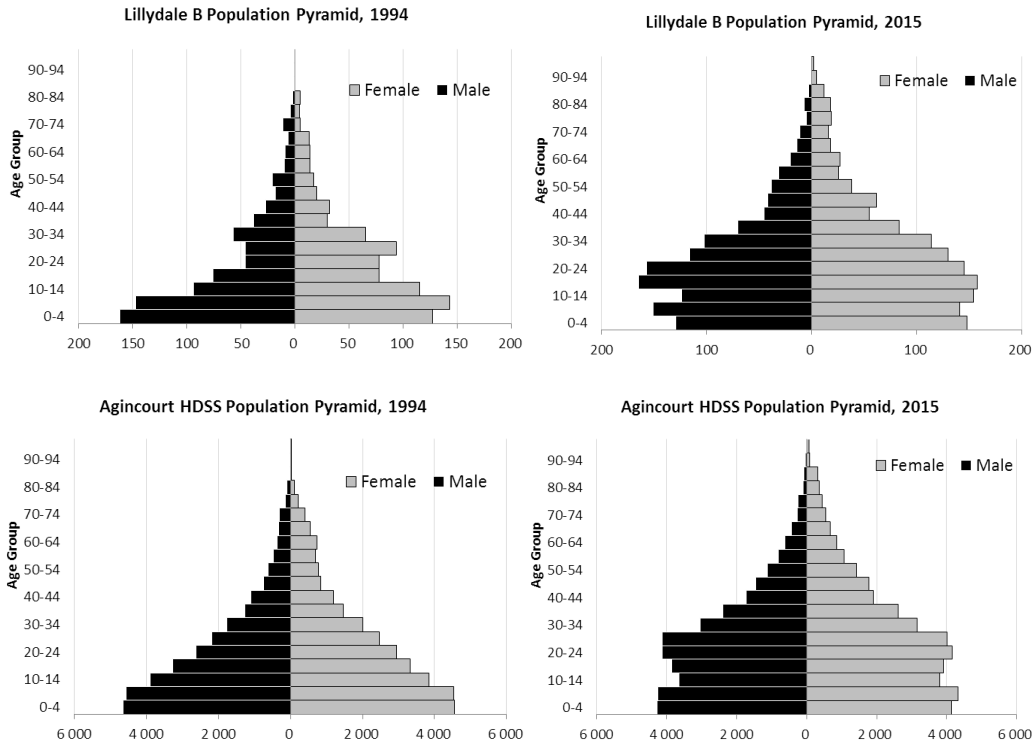
The numbers shown in below are calculated according to numbers for the end of June 2015. The numbers are known as mid-year population figures.

Mid-year Figures of Lillydale B, 1994 and 2015		
	1994	2015
Households	284	489
Population	1 631	2 603
Male	777	1 232
Female	854	1 371
Children under 5	289	277
Children of school-going age (5-19)	653	893

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

Mid-Year Population of Lillydale B village, 2015			
Age Group	2015		
	Male	Female	Total
0-4	129	148	277
5-9	151	141	293
10-14	124	154	278
15-19	165	158	323
20-24	157	145	302
25-29	116	130	246
30-34	102	114	216
35-39	70	83	153
40-44	45	55	100
45-49	42	62	104
50-54	38	38	76
55-59	31	26	57
60-64	20	27	47
65-69	14	18	32
70-74	11	16	27
75-79	5	19	24
80-84	7	18	25
85-89	3	12	15
90-94	1	5	6
95+	1	2	3
Total	1 232	1 371	2 604

You can compare the population structure between Lillydale B 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 Lillydale B village has increased since 1994. The population has also grown between the years of 1994 and 2015. The population structure of Lillydale B village strongly follows the structure of the Agincourt HDSS research site.

Births

Number of Births by Gender

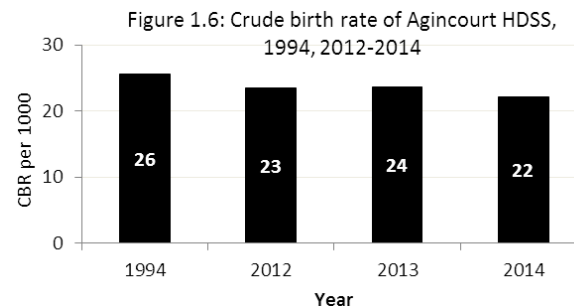
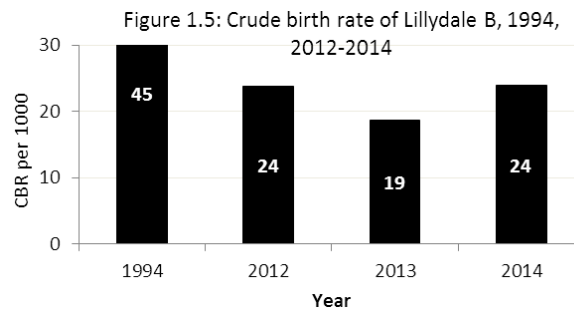
The number of births recorded in Lillydale B village are shown below. We can only provide data to the end of 2014.

Births by Gender in Lillydale B Village, 1994 and 2014		
	1994	2014
Male Births	37	29
Female Births	37	33
Total Births	74	62

The numbers of births show a downward trend in Lillydale B village. In 2014 there was a decrease in the number of births.

Crude Birth Rate

We compared the birth trends in Lillydale B 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 Lillydale B village in the year 2014, 24 babies were born.

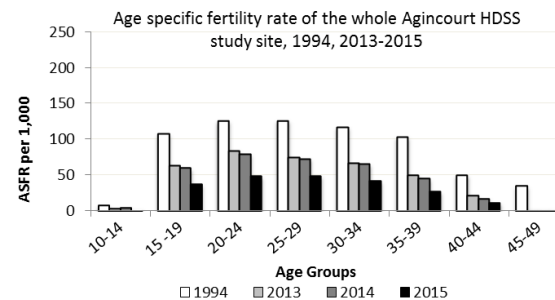
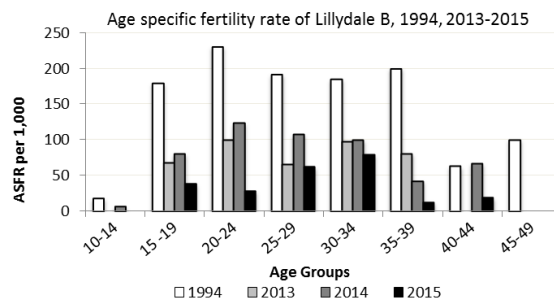
When you compare the crude birth rates in Lillydale B village with the crude birth rate for the whole of the Agincourt HDSS research site, they are not very similar. The crude birth rate in Lillydale B has changed significantly since 1994, whereas Agincourt HDSS has not. Also, in 2014, Lillydale B had an increase in the crude birth rate, 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 Lillydale B village below.

Births by Age group in Lillydale B, 1994 and 2014		
Age Groups	1994	2014
10-14	2	1
15 -19	14	12
20-24	18	16
25-29	18	15
30-34	12	11
35-39	6	3
40-44	2	4
45-49	2	0
Total Births	74	62

We can also look at trends in birth rates in different age groups across the whole site and compare them with Lillydale B 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 Lillydale B village, for every 1000 women ages 15-19, about 75 of them gave birth.

Take home message: 2014 saw increases in fertility throughout all age groups except for ages 35-39 and 45-49.

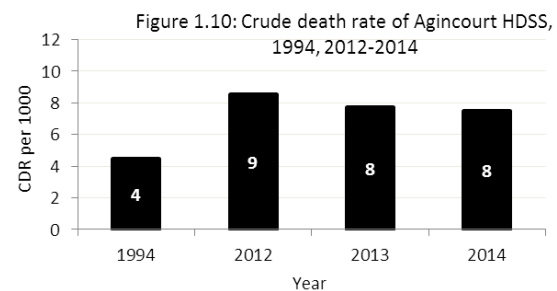
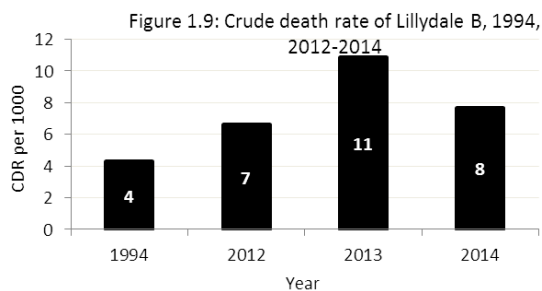
Deaths

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 Lillydale B village in 1994 and in 2014.

Deaths by Gender in Lillydale B, 1994 and 2014		
	1994	2014
Male Deaths	3	6
Female Deaths	4	14
Total Deaths	7	20

Below you can compare the crude death rates over the same period in Lillydale B 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 Lillydale B 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 Lillydale B village permanently.

In-Migrants by Gender in Lillydale B village, 1994 and 2014		
	1994	2014
Male In-Migrants	129	28
Female In-Migrants	159	47
Total	288	75

Out-Migrants by Gender in Lillydale B village, 1994 and 2014		
	1994	2014
Male Out-Migrants	76	41
Female Out-Migrants	110	59
Total Out-Migrants	186	100

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