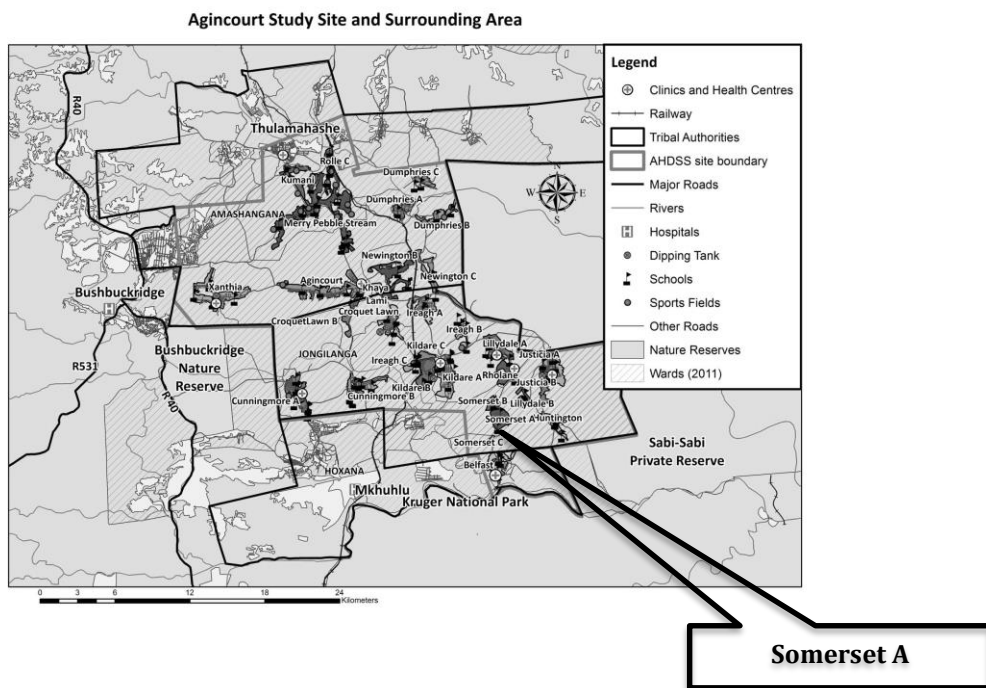


SOMERSET A VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for Somerset A 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 below are calculated according to numbers for the end of June 2015. The numbers are known as mid-year population figures.

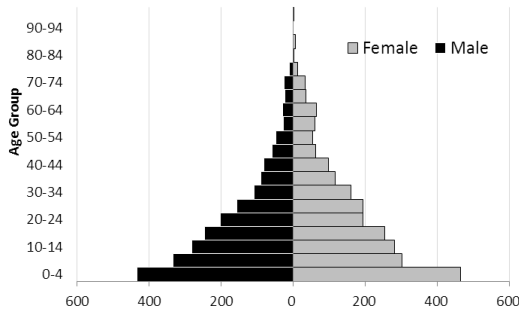
Mid-year Figures of Somerset A, 1994 and 2015		
	1994	2015
Households	655	821
Population	4 562	4 521
Male	2 163	2 108
Female	2 399	2 413
Children under 5	452	429
Children of school-going age (5-19)	1 137	1 190

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

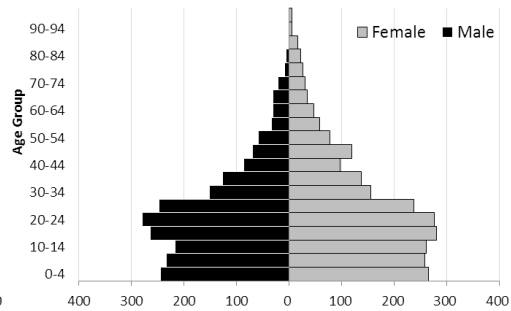
Mid-Year Population of Somerset A village, 2015			
Age Group	2015		
	Male	Female	Total
0-4	245	265	510
5-9	233	259	492
10-14	217	261	478
15-19	264	281	545
20-24	279	276	555
25-29	247	237	484
30-34	151	155	306
35-39	126	138	264
40-44	86	97	183
45-49	70	120	190
50-54	58	78	136
55-59	33	58	91
60-64	30	47	77
65-69	31	34	65
70-74	21	31	52
75-79	9	27	36
80-84	6	22	28
85-89	2	16	18
90-94	0	6	6
95+	0	5	5
Total	2 108	2 413	4 521

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

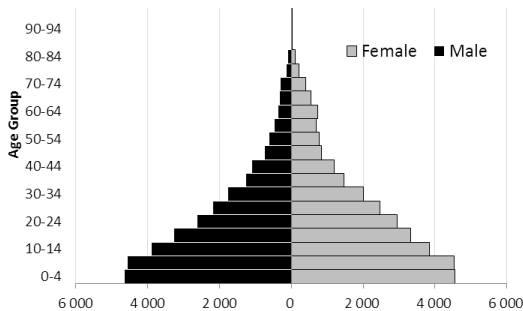
Somerset A Population Pyramid, 1994



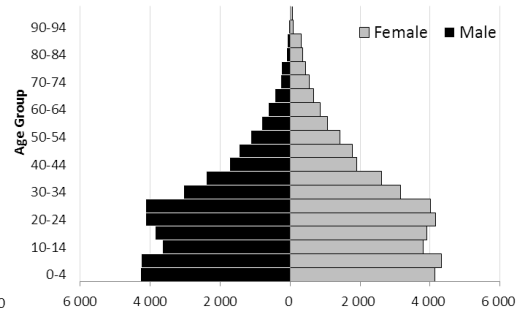
Somerset A Population Pyramid, 2015



Agincourt HDSS Population Pyramid, 1994



Agincourt HDSS Population Pyramid, 2015



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

Births

Number of Births by Gender

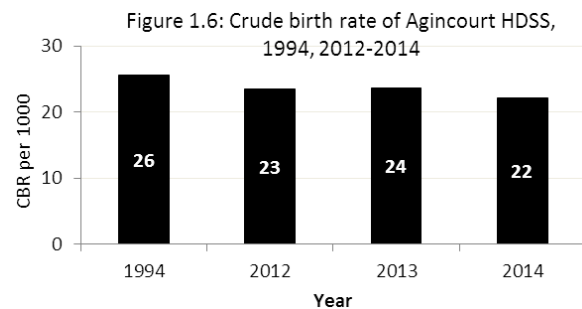
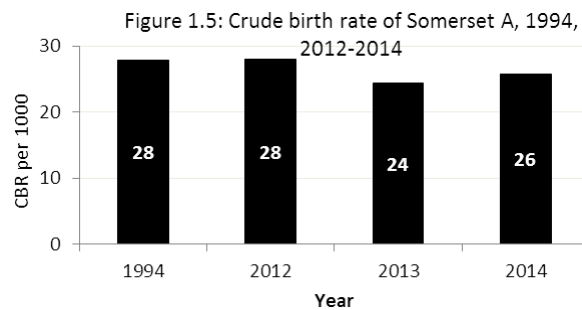
The number of births recorded in Somerset A village are shown below. We can only provide data to the end of 2014.

Births by Gender in Somerset A Village, 1994 and 2014		
	1994	2014
Male Births	67	49
Female Births	60	68
Total Births	127	117

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

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

We compared the birth trends in Somerset A 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, for every 1000 people living in Somerset A village in the year 2014, 26 babies were born.

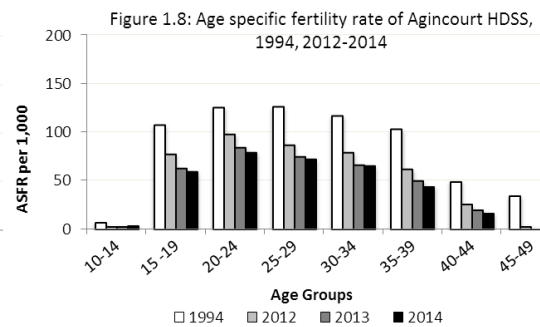
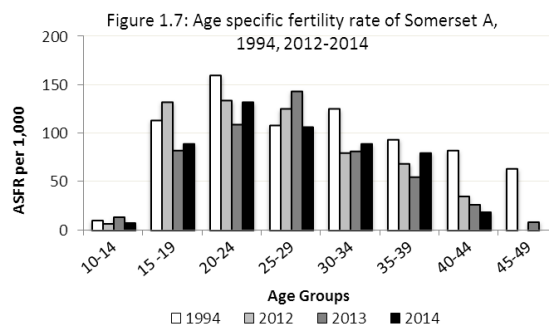
When you compare the crude birth rates in Somerset A village with the crude birth rate for the whole of the Agincourt HDSS research site, they are relatively similar. One difference is that Somerset A had an increase in births in 2014 and Agincourt HDSS did not.

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 Somerset A village below.

Births by Age group in Somerset A, 1994 and 2014		
Age Groups	1994	2014
10-14	3	2
15 -19	29	26
20-24	31	39
25-29	21	22
30-34	20	14
35-39	11	11
40-44	8	2
45-49	4	0
Total Births	127	116

We can also look at trends across the whole site and compare them with Somerset A 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 Somerset A village, for every 1000 women ages 15-19, about 90 of them gave birth.

Take home message: 2014 saw increases in fertility in ages 15-24 and 30-39 and decreases in fertility throughout all other age groups.

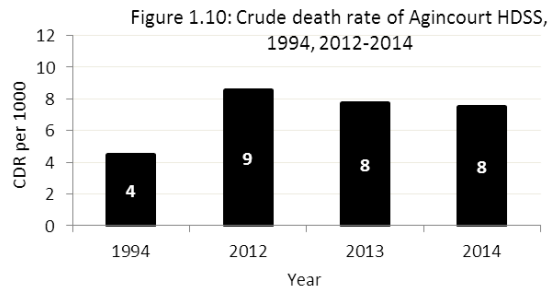
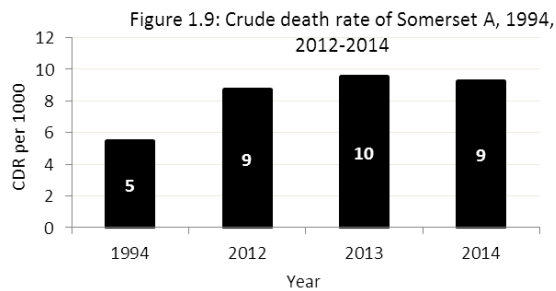
Deaths

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 Somerset A village in 1994 and in 2014.

Deaths by Gender in Somerset A, 1994 and 2014		
	1994	2014
Male Deaths	12	24
Female Deaths	13	18
Total Deaths	25	42

Below you can compare the crude death rates over the same period in Somerset A 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 Somerset A village, 9 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 Somerset A village permanently.

In-Migrants by Gender in Somerset A village, 1994 and 2014		
	1994	2014
Male In-Migrants	113	77
Female In-Migrants	149	129
Total	262	206

Out-Migrants by Gender in Somerset A village, 1994 and 2014		
	1994	2014
Male Out-Migrants	172	110
Female Out-Migrants	189	176
Total Out-Migrants	361	286

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