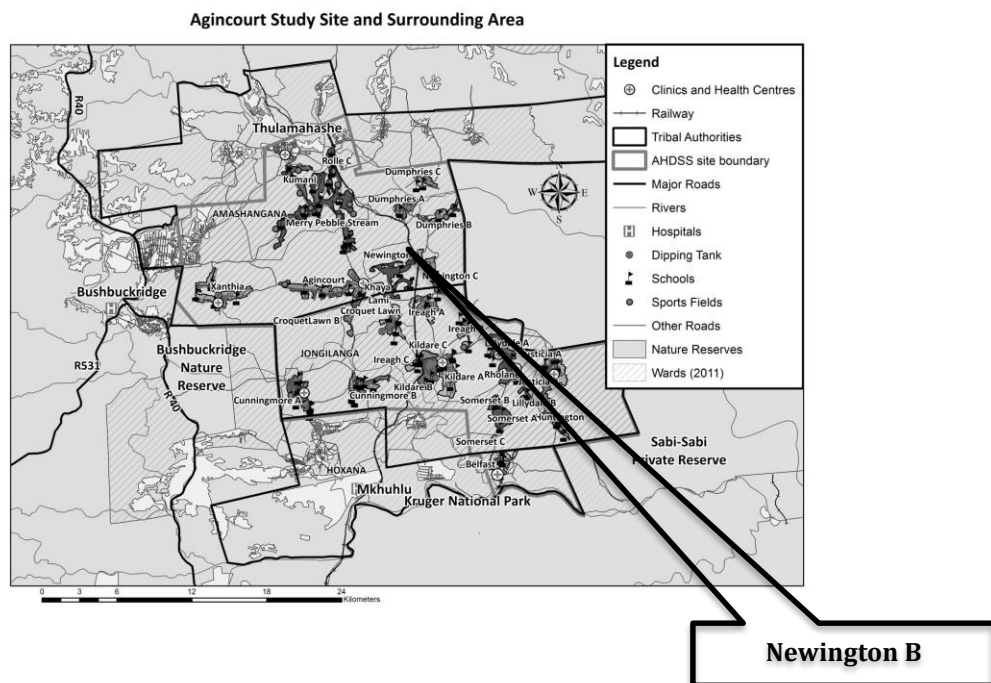


## NEWINGTON B VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for Newington 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

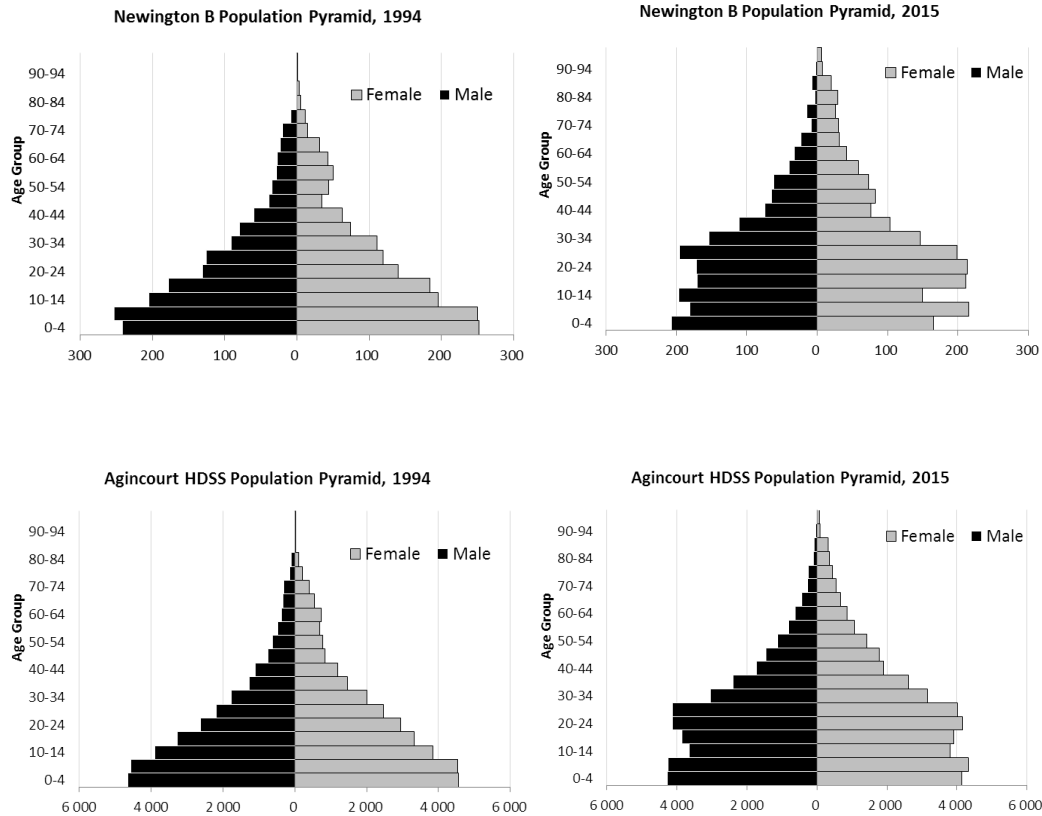
The numbers shown below are calculated according to numbers for the end of June 2015. The numbers are known as mid-year population figures.

Mid-year Figures of Newington B, 1994 and 2015		
	1994	2015
<b>Households</b>	500	606
<b>Population</b>	3 171	3 601
<b>Male</b>	1 541	1 715
<b>Female</b>	1 630	1 886
<b>Children under 5</b>	493	372
<b>Children of school-going age (5-19)</b>	<b>1266</b>	<b>1123</b>

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

Mid-Year Population of Newington B village, 2015			
Age Group	2015		
	Male	Female	Total
<b>0-4</b>	207	165	372
<b>5-9</b>	181	215	396
<b>10-14</b>	196	150	346
<b>15-19</b>	170	211	381
<b>20-24</b>	171	213	384
<b>25-29</b>	195	199	394
<b>30-34</b>	154	147	301
<b>35-39</b>	111	104	215
<b>40-44</b>	74	76	150
<b>45-49</b>	65	83	148
<b>50-54</b>	62	73	135
<b>55-59</b>	40	59	99
<b>60-64</b>	32	42	74
<b>65-69</b>	23	31	54
<b>70-74</b>	8	30	38
<b>75-79</b>	14	26	40
<b>80-84</b>	3	29	32
<b>85-89</b>	7	20	27
<b>90-94</b>	2	7	9
<b>95+</b>	0	6	6
<b>Total</b>	<b>1 715</b>	<b>1 886</b>	<b>3 601</b>

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

## Births

### *Number of Births by Gender*

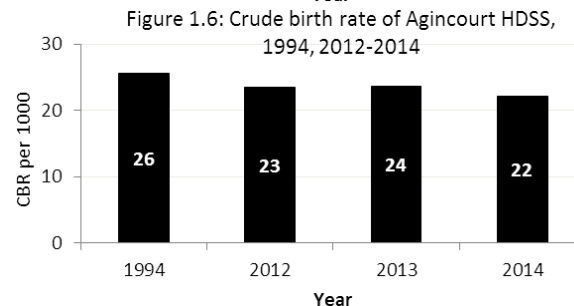
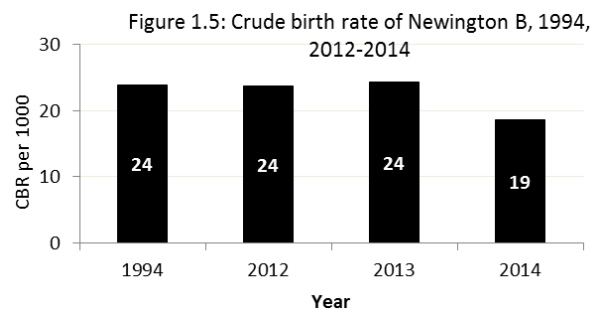
The number of births recorded in Newington B Village is shown below. We can only provide date to the end of 2014.

Births by Gender in <b>Newington B</b> Village, 1994 and 2014		
	1994	2014
<b>Male Births</b>	39	26
<b>Female Births</b>	37	23
<b>Total Births</b>	<b>76</b>	<b>49</b>

The numbers of births show a downward trend in Newington B 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 Newington 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 Newington B village in the year 2014, 20 babies were born.

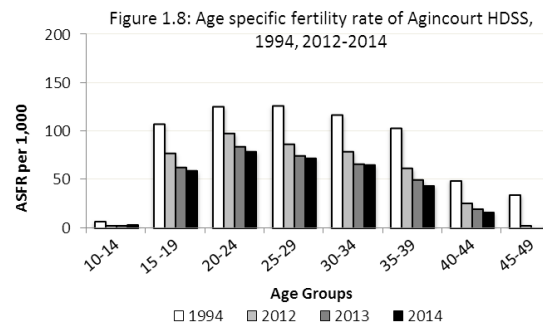
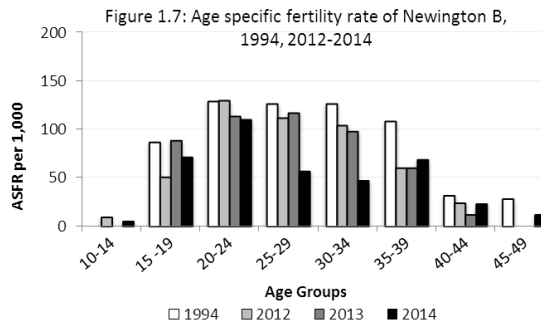
When you compare the crude birth rates in Newington B village with the crude birth rate for the whole of the Agincourt HDSS research site, they are relatively similar. One difference is that Newington B had a decrease in births in 2014 and Agincourt HDSS did not.

### **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 Newington B village below.

Births by Age group in Newington B, 1994 and 2014		
Age Groups	1994	2014
10-14	0	1
15 -19	16	15
20-24	18	23
25-29	15	12
30-34	14	6
35-39	8	8
40-44	2	2
45-49	1	1
<b>Total Births</b>	<b>74</b>	<b>68</b>

We can also look at trends across the whole site and compare them with Newington 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 Newington B village, for every 1000 women ages 15-19, about 70 of them gave birth.

**Take home message:** 2014 saw increases in fertility throughout ages 10-14, 35-39, 40-44, and 45-49.

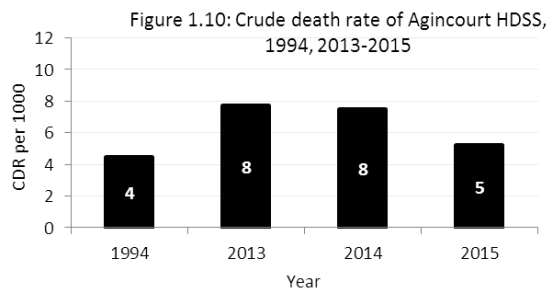
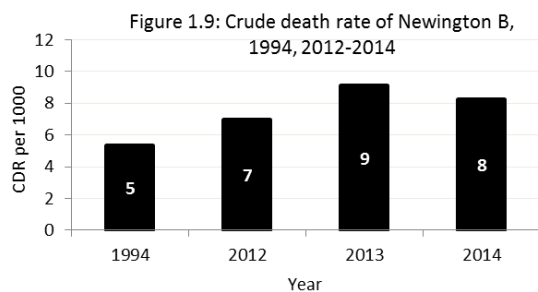
## Deaths

### 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 Newington B village in 1994 and in 2014.

Deaths by Gender in Newington B, 1994 and 2014		
	1994	2014
<b>Male Deaths</b>	13	17
<b>Female Deaths</b>	4	13
<b>Total Deaths</b>	<b>17</b>	<b>30</b>

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

In-Migrants by Gender in Newington B village, 1994 and 2014		
	1994	2014
<b>Male In-Migrants</b>	77	65
<b>Female In-Migrants</b>	98	99
<b>Total</b>	<b>175</b>	<b>164</b>

Out-Migrants by Gender in Newington B village, 1994 and 2014		
	1994	2014
<b>Male Out-Migrants</b>	121	94
<b>Female Out-Migrants</b>	165	123
<b>Total Out-Migrants</b>	<b>286</b>	<b>217</b>

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