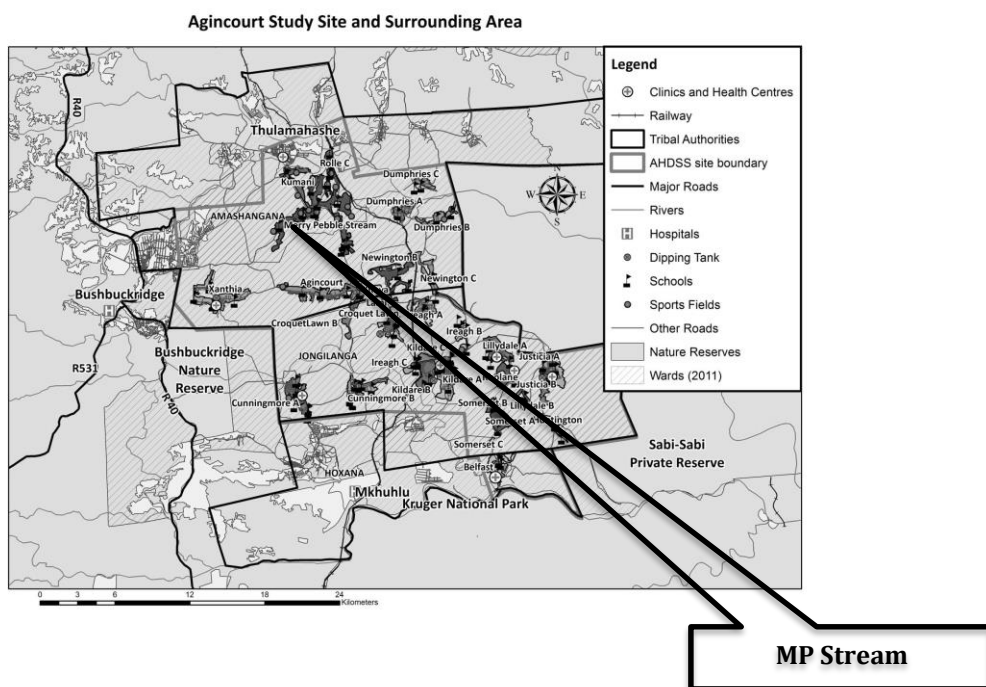


MP STREAM VILLAGE FACT SHEET 2016

This “Fact Sheet” provides basic information on population changes and demographics for MP Stream 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 2013 – 2015

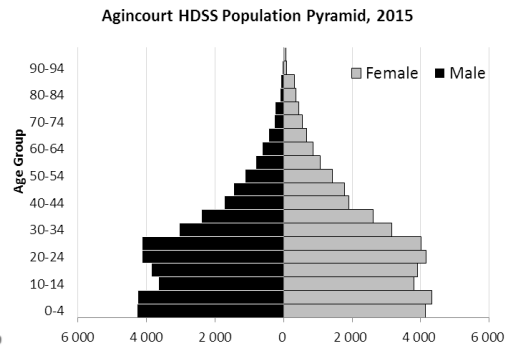
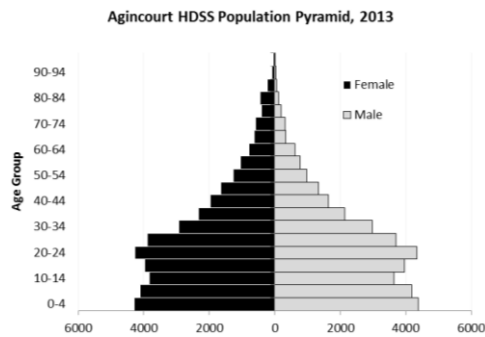
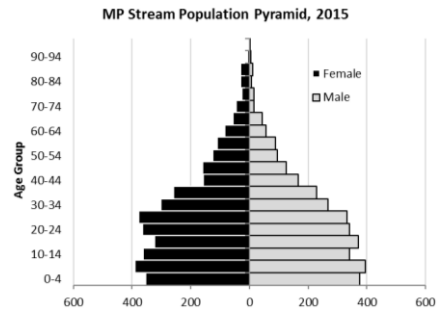
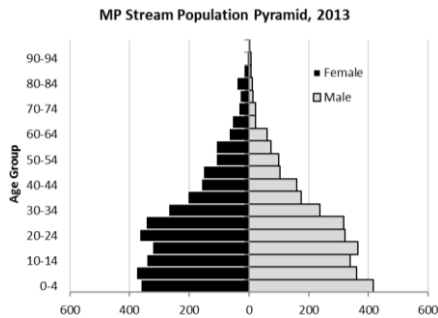
The numbers shown below are calculated according to numbers for the end of June 2015. The numbers are known as mid-year population figures.

| Mid-year Figures of MP stream, 2013 and 2015 | | |
|--|-------------|-------------|
| | 2013 | 2015 |
| Households | 1102 | 1205 |
| Population | 6484 | 6835 |
| Male | 3113 | 3279 |
| Female | 3371 | 3556 |
| Children under 5 | 693 | 782 |
| Children of school-going age (5-19) | 2120 | 2152 |

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

| Mid-Year Population of MP stream village, 2015 | | | |
|--|-------------|-------------|-------------|
| Age Group | 2015 | | |
| | Male | Female | Total |
| 0-4 | 375 | 353 | 728 |
| 5-9 | 394 | 389 | 783 |
| 10-14 | 340 | 362 | 702 |
| 15-19 | 372 | 323 | 695 |
| 20-24 | 342 | 363 | 705 |
| 25-29 | 333 | 376 | 709 |
| 30-34 | 268 | 301 | 569 |
| 35-39 | 229 | 258 | 487 |
| 40-44 | 166 | 157 | 323 |
| 45-49 | 125 | 159 | 284 |
| 50-54 | 95 | 125 | 220 |
| 55-59 | 88 | 109 | 197 |
| 60-64 | 57 | 83 | 140 |
| 65-69 | 44 | 55 | 99 |
| 70-74 | 15 | 46 | 61 |
| 75-79 | 16 | 25 | 41 |
| 80-84 | 6 | 30 | 36 |
| 85-89 | 11 | 30 | 41 |
| 90-94 | 5 | 7 | 12 |
| 95+ | 1 | 3 | 4 |
| Total | 3282 | 3554 | 6836 |

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



Take home message: The number of households in MP Stream village has increased since 2013. The population has also grown between the years of 2013 and 2015. The population structure of MP Stream village strongly follows the structure of the Agincourt HDSS research site.

Births

Number of Births by Gender

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

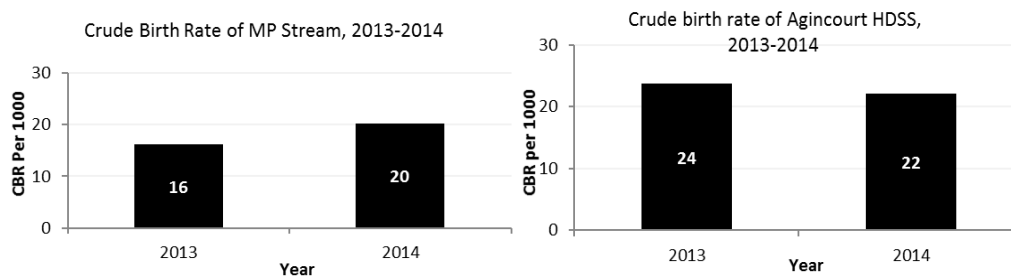
| Births by Gender in MP stream Village, 2013 and 2014 | | |
|--|------------|------------|
| | 2013 | 2014 |
| Male Births | 57 | 59 |
| Female Births | 48 | 75 |
| Total Births | 105 | 134 |

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

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

The graphs below show the crude birth rate in MP stream village from 2013 to 2014. The second graph shows the crude birth rates in the Agincourt HDSS research site from 2013 to 2014.

We compared the birth trends in MP Stream 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 MP Stream village in the year 2014, 20 babies were born.

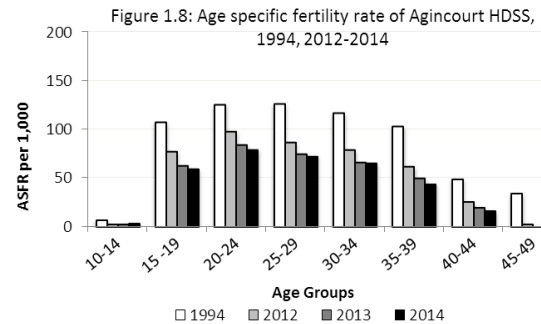
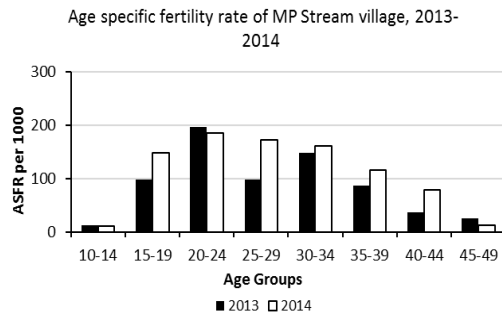
When you compare the crude birth rates in MP Stream village with the crude birth rate for the whole of the Agincourt HDSS research site, they are relatively similar. One difference is that MP stream had an increase in births in 2014 and Agincourt HDSS had a decrease.

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 MP stream village below.

| Births by Age group in MP Stream, 1994 and 2014 | | |
|---|------------|------------|
| Age Groups | 2013 | 2014 |
| 10-14 | 4 | 4 |
| 15 -19 | 32 | 46 |
| 20-24 | 72 | 68 |
| 25-29 | 34 | 64 |
| 30-34 | 40 | 46 |
| 35-39 | 18 | 24 |
| 40-44 | 6 | 14 |
| 45-49 | 4 | 2 |
| Total Births | 210 | 268 |

We can also look at trends across the whole site and compare them with MP Stream 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 MP Stream village, for every 1000 women ages 15-19, about 150 of them gave birth.

Take home message: 2014 saw an increase in fertility across most groups, while the 10-14 range remained constant and a decrease in ages 20-24, and 45-49.

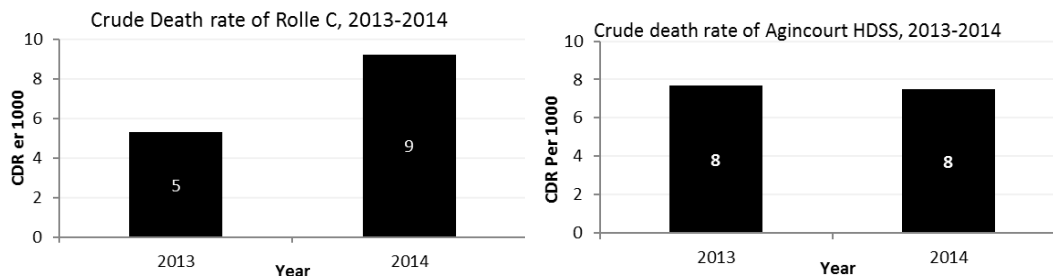
Deaths

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. The table below shows the total number of deaths that occurred in MP Stream village in 2013 and in 2014.

| Deaths by Gender in MP stream, 2013 and 2014 | | |
|--|-----------|-----------|
| | 2013 | 2014 |
| Male Deaths | 22 | 19 |
| Female Deaths | 16 | 28 |
| Total Deaths | 23 | 11 |

The graphs below show the crude death rates over the same period in MP Stream 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 MP Stream 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

The tables below describe how many people have moved in to MP Stream village permanently and out of MP stream village permanently.

| In-Migrants by Gender in MP Stream village, 2013 and 2014 | | |
|---|------------|------------|
| | 2013 | 2014 |
| Male In-Migrants | 71 | 118 |
| Female In-Migrants | 69 | 173 |
| Total | 140 | 291 |

| Out-Migrants by Gender in MP Stream village, 2013 and 2014 | | |
|--|------------|------------|
| | 2013 | 2014 |
| Male Out-Migrants | 45 | 90 |
| Female Out-Migrants | 83 | 124 |
| Total Out-Migrants | 128 | 214 |

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