WA State HIV Testing Histories - Description of Analysis Sample

Martina Morris and Jeanette Birnbaum
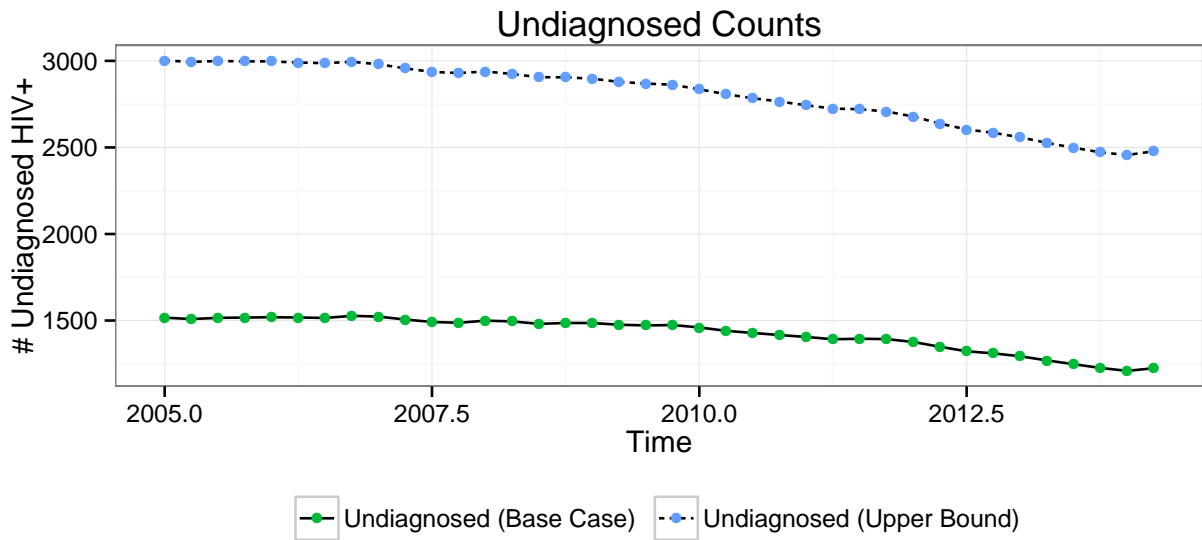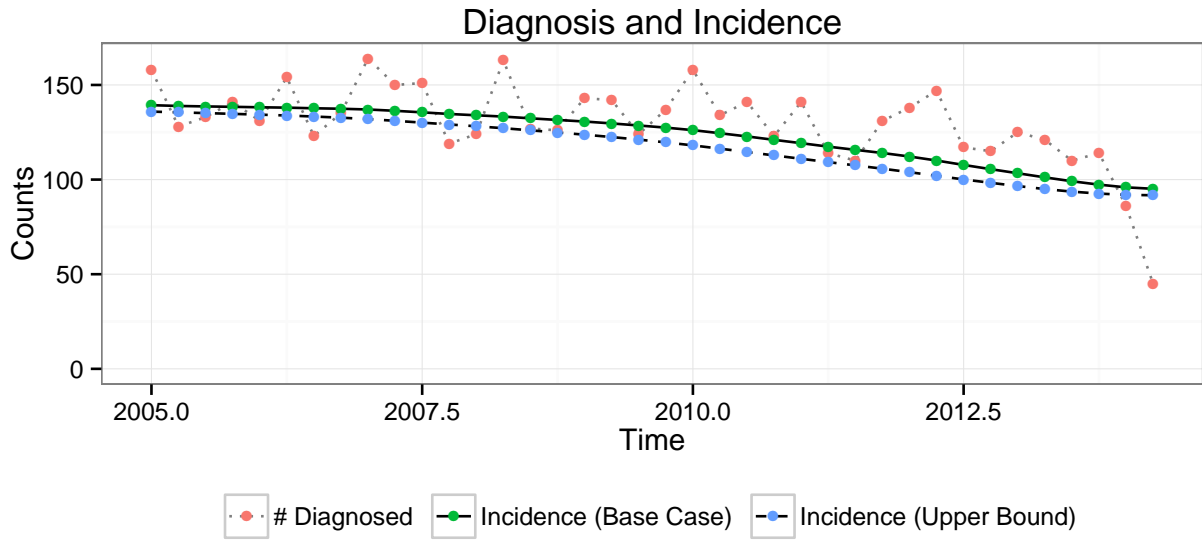
June 17, 2014

1 Sample Reminder

- N = 4943

- Years = 2005 to 2014

- everHadNegTest = TRUE for 2150 (43.5%), FALSE for 606 (12.26%), and NA for 2187 (44.24%)

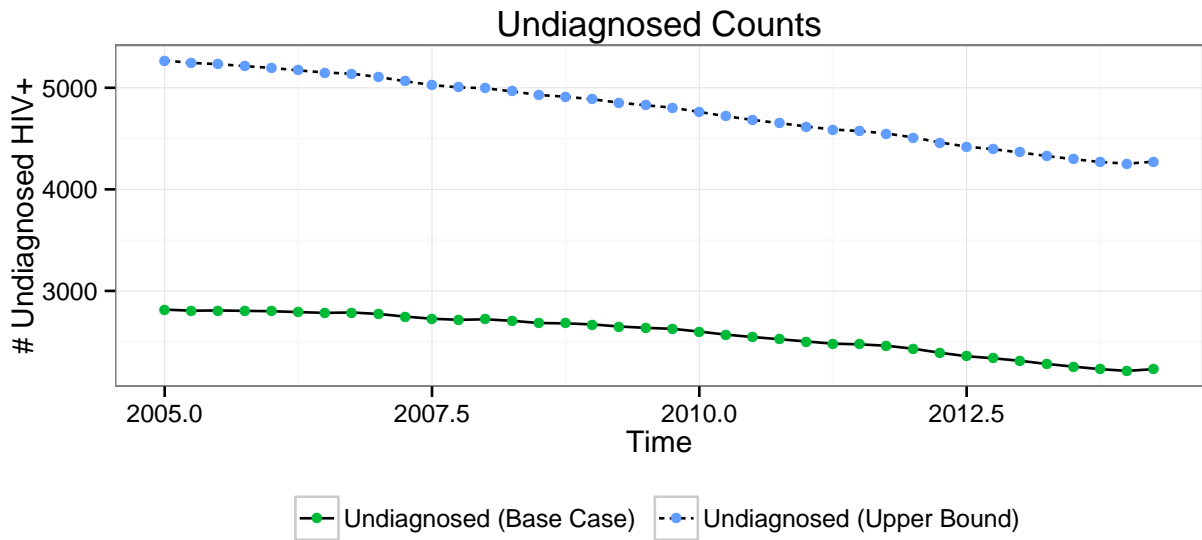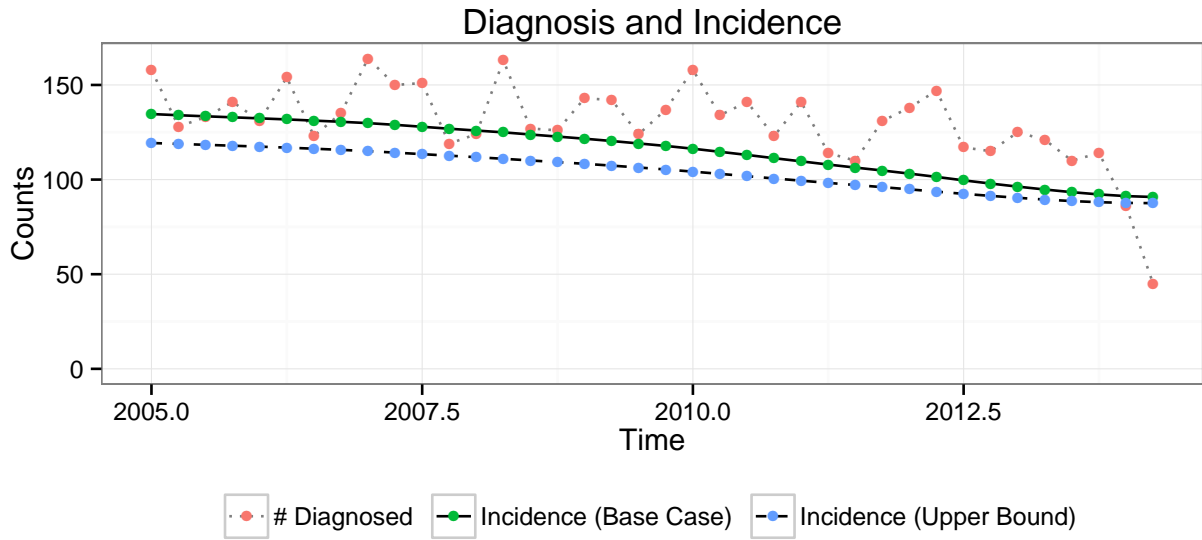## 2 Base Case and Upper Bound, Minimal Imputation

```
##                           var     Min. 1st Qu. Median   Mean 3rd Qu.   Max.
## 1              # Diagnosed    45.00   121.5  131.0  130.1   141.8  164.0
## 2      Incidence (Base Case)   95.13   112.7  128.0  123.3   136.1  139.3
## 3   Incidence (Upper Bound)   91.71   104.4  120.4  117.2   130.8  135.9
## 4   Undiagnosed (Base Case)  1209.00  1380.0 1473.0 1426.0  1504.0 1527.0
## 5 Undiagnosed (Upper Bound)  2456.00  2686.0 2866.0 2803.0  2952.0 3002.0
```

Diagnosis and Incidence

Undiagnosed Counts

3 Base Case and Upper Bound, Full Imputation

```
##                          var    Min. 1st Qu. Median   Mean 3rd Qu.   Max.
## 1               # Diagnosed   45.00  121.50  131.0  130.1   141.8  164.0
## 2       Incidence (Base Case)  90.80  103.60  118.4  115.7   128.7  134.6
## 3      Incidence (Upper Bound)  87.54   95.12  105.9  104.5   114.0  119.3
## 4    Undiagnosed (Base Case)  2213.00 2438.00 2632.0 2577.0  2742.0 2816.0
## 5 Undiagnosed (Upper Bound)  4253.00 4521.00 4816.0 4782.0  5055.0 5269.0
```

Diagnosis and Incidence

- # Diagnosed
- Incidence (Base Case)
- Incidence (Upper Bound)

Undiagnosed Counts

- Undiagnosed (Base Case)
- Undiagnosed (Upper Bound)

4 Combined Results

```
##    imputed                      var    Min. X1st.Qu. Median   Mean X3rd.Qu.
## 1      Yes               # Diagnosed   45.00   121.50  131.0  130.1    141.8
## 2      Yes      Incidence (Base Case)  90.80   103.60  118.4  115.7    128.7
## 3      Yes    Incidence (Upper Bound) 87.54    95.12  105.9  104.5    114.0
## 4      Yes    Undiagnosed (Base Case) 2213.00  2438.00 2632.0 2577.0   2742.0
## 5      Yes Undiagnosed (Upper Bound) 4253.00  4521.00 4816.0 4782.0   5055.0
## 6       No               # Diagnosed   45.00   121.50  131.0  130.1    141.8
## 7       No     Incidence (Base Case)   95.13   112.70  128.0  123.3    136.1
## 8       No    Incidence (Upper Bound)  91.71   104.40  120.4  117.2    130.8
## 9       No    Undiagnosed (Base Case) 1209.00  1380.00 1473.0 1426.0   1504.0
## 10      No Undiagnosed (Upper Bound) 2456.00  2686.00 2866.0 2803.0   2952.0
##      Max.
## 1   164.0
## 2   134.6
## 3   119.3
## 4  2816.0
```

```
## 5  5269.0
## 6   164.0
## 7   139.3
## 8   135.9
## 9  1527.0
## 10 3002.0
```