# APPENDIX N
## Calculating the Endemic Rate of Infection

Calculating the Endemic Rate of Infection

Frequency of pneumonia at a LTCF

| | |
|---|---|
| Jan 3 | Jul 1 |
| Feb 4 | Aug 0 |
| Mar 4 | Sep 1 |
| Apr 2 | Oct 3 |
| May 1 | Nov 1 |
| Jun 1 | Dec 2 |

Total Infections = 23        Endemic rate = 23/12 = 2

Calculating the endemic rate in the presence of an outbreak

Frequency of URIs at a  LTCF

| | |
|---|---|
| Jan 2 | Jul 2 |
| Feb 3 | Aug 3 |
| Mar 0 | Sep 2 |
| Apr 2 | Oct 2 |
| **May 11** | Nov 1 |
| Jun 0 | Dec 4 |

Total infections (excluding May) = 19  Endemic rate = 19 / 11 = 1.7