Supplement 1

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| **S1 File. Variables analysed relative to dengue outbreaks in Singapore from 1974 to 2011.** |
| **Year** | **Total Population** | **Total reported dengue cases** | **incidence** | **Aedes premise index** | **Meantemp** | **Min temp** | **Max temp** | **Precipit** | **Visitorsfrom SE Asia** |
| 1974  | 2229800  | 230  | 0.00010315  | 5  | 25.8038  | 20  | 33  | 0  |  -  |
| 1975  | 2262600  | 59  | 2.6076E-05  | 6  | 26.0277  | 20  | 36  | 0  |  -  |
| 1976  | 2293300  | 30  | 1.3082E-05  | 3  | 26.0758  | 21  | 33  | 0  |  -  |
| 1977  | 2325300  | 93  | 3.9995E-05  | 4  | 26.4027  | 20  | 37  | 0  |  -  |
| 1978  | 2353600  | 387  | 0.00016443  | 5  | 26.5806  | 21  | 33  | 0  |  -  |
| 1979  | 2383500  | 157  | 6.587E-05  | 4  | 26.5682  | 20  | 33  | 0  |  -  |
| 1980  | 2413900  | 173  | 7.1668E-05  | 4  | 26.6847  | 21  | 33  | 0  |  -  |
| 1981  | 2532800  | 126  | 4.9747E-05  | 4  | 26.9434  | 21  | 35  | 0  |  -  |
| 1982  | 2646500  | 216  | 8.1617E-05  | 4.5  | 27.0656  | 23  | 33  | 0  |  -  |
| 1983  | 2681100  | 205  | 7.6461E-05  | 4  | 27.1898  | 22.4  | 33.4  | 0  |  -  |
| 1984  | 2732200  | 86  | 3.1476E-05  | 4  | 27.4909  | 22.4  | 34.8  | 0  |  -  |
| 1985  | 2736000  | 126  | 4.6053E-05  | 3.5  | 26.6058  | 20  | 33  | 0  |  -  |
| 1986  | 2733400  | 354  | 0.00012951  | 2.5  | 26.8817  | 21.5  | 33  | 1511.5  |  -  |
| 1987  | 2774800  | 436  | 0.00015713  | 2.5  | 26.9351  | 22.2  | 33.4  | 3600.9  |  -  |
| 1988  | 2846100  | 245  | 8.6083E-05  | 2.5  | 27.2004  | 22.4  | 33  | 3007.9  |  -  |
| 1989  | 2930900  | 944  | 0.00032209  | 1  | 27.0959  | 20.8  | 33.2  | 3770.2  |  -  |
| 1990  | 3047100  | 1733  | 0.00056874  | 0.8  | 26.7909  | 21.7  | 33.2  | 2268.7  | 1706648  |
| 1991  | 3135800  | 2179  | 0.00069488  | 0.59  | 27.4361  | 21.5  | 33.8  | 844  | 1842709  |
| 1992  | 3232100  | 2878  | 0.00089044  | 0.96  | 27.2415  | 22.7  | 33  | 1239.5  | 1975755  |
| 1993  | 3315400  | 946  | 0.00028534  | 1.18  | 26.9197  | 22.7  | 33.7  | 5887.4  | 2184693  |
| 1994  | 3421100  | 1239  | 0.00036216  | 1.06  | 27.4082  | 22.5  | 33.1  | 9831.3  | 2227532  |
| 1995  | 3525600  | 2008  | 0.00056955  | 1.16  | 27.5875  | 21.1  | 33.2  | 8085.3  | 2288674  |
| 1996  | 3670400  | 3128  | 0.00085222  | 1.54  | 27.5472  | 22.5  | 33.8  | 9755.4  | 2351160  |
| 1997  | 3793700  | 4300  | 0.00113346  | 1.03  | 27.4866  | 22.7  | 33.6  | 12160.1  | 1887616  |
| 1998  | 3922000  | 5258  | 0.00134064  | 1.03  | 28.234  | 22.2  | 34.4  | 6229.5  | 2223971  |
| 1999  | 3950900  | 1355  | 0.00034296  | 0.59  | 28.2907  | 22.8  | 35.1  | 76146.9  | 2427668  |
| 2000  | 4017700  | 673  | 0.00016751  | 1.3  | 27.4623  | 21.5  | 33.8  | 19185.8  | 2522922  |
| 2001  | 4131200  | 2372  | 0.00057417  | 1.54  | 27.4541  | 21.3  | 33.6  | 30394.4  | 2532887  |
| 2002  | 4171300  | 3945  | 0.00094575  | 1.97  | 27.5972  | 22.2  | 33.5  | 6515.1  | 2307229  |
| 2003  | 4185200  | 4788  | 0.00114403  | 2.02  | 28.0722  | 22.6  | 34.1  | 3958.3  | 3085876  |
| 2004  | 4240300  | 9459  | 0.00223074  | 2.69  | 27.7575  | 22.9  | 33.9  | 5376.1  | 3341721  |
| 2005  | 4265800  | 14210  | 0.00333115  | 1.15  | 27.821  | 23  | 34.3  | 5940.5  | 3577365  |
| 2006  | 4401400  | 3126  | 0.00071023  | 0.18  | 27.9935  | 22.5  | 34.8  | 4248.8  | 3724736  |
| 2007  | 4588600  | 8826  | 0.00192346  | 0.68  | 27.747  | 22.5  | 34.2  | 6327.6  | 3571408  |
| 2008  | 4839400  | 7032  | 0.00145307  | 0.66  | 27.5156  | 22.2  | 33.5  | 6757.4  | 3684848  |
| 2009  | 4987600  | 4498  | 0.00090184  | 0.34  | 27.4593  | 22.3  | 33.6  | 5306.9  | 4819751  |
| 2010  | 5076700  | 5279  | 0.00103985  | 0.35  | 27.9114  | 22.6  | 34  | 4289.9  | 5414250  |
| 2011  | 5183700  | 5330  | 0.00102822  | 0.35  | 28.0715  | 22.5  | 35.1  | 4514.1  | 6008749  |