

Note:

1. Mix cases are counted as both PF and PV.
2. Number Malaria of cases in OPD table includes IPD and ANC malaria cases.

| Site | OPD        |                |           |          |          |          |          | Gametocyte |           |           |           | IPD     |             |     |                |        |     |    |    |    |     | Treatment                   |      |      |      |     |     |      |      |           |    |        |         |          |         |       |
|------|------------|----------------|-----------|----------|----------|----------|----------|------------|-----------|-----------|-----------|---------|-------------|-----|----------------|--------|-----|----|----|----|-----|-----------------------------|------|------|------|-----|-----|------|------|-----------|----|--------|---------|----------|---------|-------|
|      | Total Test | Total Positive | Total Neg | Total PF | Total PV | Total PM | Total Po | Total PFG  | Total PVG | Total PMG | Total POG | Patient | Malaria(pf) |     | Severe Malaria | Others | PFG | PV | PM | PO | Mix | Number of blood transfusion | MAS3 | A7D7 | Q7D7 | AS7 | COA | MAS7 | CHQ3 | CHQ + PMQ | DP | DP+PMQ | OZ+MAS3 | MAS3+PMQ | AS7+DP3 | Total |
|      |            |                |           |          |          |          |          |            |           |           |           |         | <4%         | >4% |                |        |     |    |    |    |     |                             |      |      |      |     |     |      |      |           |    |        |         |          |         |       |
| SMRU | 6372       | 398            | 5974      | 77       | 321      | 2        | 0        | 5          | 177       | 2         | 0         | 999     | 6           | 5   | 0              | 957    | 0   | 31 | 0  | 0  | 0   | 26                          | 8    | 0    | 0    | 2   | 6   | 0    | 234  | 45        | 25 | 57     | 0       | 3        | 1       | 380   |
| AMI  | 6984       | 456            | 6528      | 75       | 380      | 2        | 0        | 11         | 328       | 1         | 0         |         |             |     |                |        |     |    |    |    |     |                             |      |      |      |     |     |      |      |           |    |        |         |          |         |       |

| Reporting Period | Treatment KEY |
|------------------|---------------|
| Month 1          | 1-Oct-13      |
| Month 2          | 1-Nov-13      |
| Month 3          | 1-Dec-13      |
| Month 4          | 1-Jan-14      |
| Month 5          | 1-Feb-14      |
| Month 6          | 1-Mar-14      |
| Month 7          | 1-Apr-14      |
| Month 8          | 1-May-14      |
| Month 9          | 1-Jun-14      |
| Month 10         | 1-Jul-14      |
| Month 11         | 1-Aug-14      |
| Month 12         | 1-Sep-14      |

**Treatment KEY**  
 Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D  
 Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D  
 A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D  
 A7= Artesunate 2mg/kg x 7D  
 COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)  
 SQ7=Supervised Quinine 10 mg/kg/tid x 7D  
 Q7D7=Quinine 10mg/kg/tid x 7D+Doxycycline 4mg/kg  
 Q7C7=Quinine 10mg/kg/tid x 7D + Clindamycine 5mg/kg/tid x 7D  
 A7C7=Artesunate 2mg/kg x 7D + Quinine 10mg/kg/tid x 7D  
 CHQ3=Chloroquine 25 mg/kg x 3D  
 DP = Dihydroartemisinin 1.6mg/kg + Piperaquine 12.8mg/kg x 3D  
 MASF=Fixecl artesunate and mefloquine combination OD x 3D (dosage was weight dependent)  
 MASL=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D Loose combination  
 AS/IV=Artesunate 2.4 mg/kg IV  
 CHQ+PMQ=Chloroquine 25 mg/kg over 3D+primaquine 0.5 mg/kg OD\*14 D  
 PMQ=Primaquine 0.5 mg/kg OD\*14 D  
 DUO=Duocotecxin 3 mg/kg x 2D  
 AMQ=Amodiaquine 10 mg/kg/day x 3D

| Clinic   | Cause of death                                    |
|----------|---|
| MLA (14) | Sepsis, necrotizing enterocolitis (NEC)           |
|          | Cardiopulmonary arrest                            |
|          | Cardiopulmonary arrest, multiorgan failure        |
|          | Cardiac arrest                                    |
|          | Respiratory arrest                                |
|          | Heart Failure                                     |
|          | Septic Shock                                      |
|          | Don't Know.(Patient Never Cameback for follow up) |
|          | Cadiogenic Shock                                  |
|          | Extreme Prematurity                               |
|          | Pneumothorax and ARDS due to Influenza            |
|          | HIE, grade3                                       |
|          | Early onset neonatal sepsis                       |
|          | Prematurity                                       |

- \*\*PFT+PVT" are counted both as pf and pv
- \*\*trophozoite+gametocyte" are counted as both trophozoite and gametocyte
- \*\*pfg+pv" are counted as both pfg and pvg
- pft+other = pft mix with pmt or pot
- pvt+other = pvt mix with pmt+pot

**ANC ( Shoklo Malaria Research Unit )**

| camp           | Register | Individual women follow | absent | new  | anaemia(%) | Consultation | Referrals to Thai Hospitals |
|----------------|----------|-------------------------|--------|------|------------|--------------|-----------------------------|
| Maela          | 2076     | 2052                    | 24     | 1467 | 12         | 9529         | 114                         |
| Maela Resident | 1739     | 1729                    | 10     | 1222 | 12         | 8201         | 105                         |

**Summarize Malaria Cases**

| Clinic         | Total Slide | Total Positive | Neg  | Pft | Pvt | Pmt | Pot | Pfg | Pvg | Pog | Pmg |
|----------------|-------------|----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Maela          | 5401        | 32             | 5369 | 4   | 28  | 0   | 0   | 1   | 17  | 0   | 0   |
| Maela Resident | 4141        | 13             | 4128 | 2   | 11  | 0   | 0   | 1   | 5   | 0   | 0   |

| Camp           | Malaria Smears |      |     |         |           |         |         |              |              |                  |              |     |     |           |         |         |              |     |     |         |     |     |         | Treatment |                 |          |      |      |     |      |        |      |    |     |
|----------------|----------------|------|-----|---------|-----------|---------|---------|--------------|--------------|------------------|--------------|-----|-----|-----------|---------|---------|--------------|-----|-----|---------|-----|-----|---------|-----------|-----------------|----------|------|------|-----|------|--------|------|----|-----|
|                | Total slide    | Neg  | pft | pft+pvt | pft+other | pft+pfg | pft+pvg | pft+pvt+ pfg | pft+pvt+ pvg | pft+pvt+ pfg+pvg | pft+pfg+ pvg | pfg | pvt | pvt+other | pvt+pvg | pvt+pfg | pvt+pvg+ pfg | pvg | pmt | pmt+pmg | pmg | pot | pot+pog | pog       | broken lost/Bad | No Smear | A7C7 | A7D7 | CHQ | MAS3 | CO-ART | Q7C7 | DP | AS7 |
| Maela          | 5401           | 5369 | 3   | 0       | 0         | 1       | 0       | 0            | 0            | 0                | 0            | 0   | 11  | 0         | 17      | 0       | 0            | 0   | 0   | 0       | 0   | 0   | 0       | 0         | 0               | 3596     | 0    | 15   | 6   | 3    | 6      | 0    | 0  | 2   |
| Maela Resident | 4141           | 4128 | 1   | 0       | 0         | 1       | 0       | 0            | 0            | 0                | 0            | 0   | 6   | 0         | 5       | 0       | 0            | 0   | 0   | 0       | 0   | 0   | 0       | 0         | 2937            | 0        | 5    | 4    | 2   | 1    | 0      | 0    | 1  |     |

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| Outcome of pregnancy |                    |       |           |            |                |           |               |                   |                       | Weight  |                 |                    |           |          |       |
|----------------------|--------------------|-------|-----------|------------|----------------|-----------|---------------|-------------------|-----------------------|---------|-----------------|--------------------|-----------|----------|-------|
|                      |                    | alive | alive (%) | stillbirth | stillbirth (%) | abortions | abortions (%) | Caesarean section | Caesarean section (%) | < 1.5kg | >=1.5 to <2.5kg | Low Birth Weight % | >= 2.5 kg | un-known | Total |
| Maela                | Singleton Delivery | 1092  | 99%       | 13         | 1%             | 133       | 12%           | 78                | 7%                    | 13      | 109             | 11%                | 979       | 0        | 1105  |
|                      | Multiple Delivery  | 16    | 100%      | 0          | 0%             | 0         | 0%            | 0                 | 0%                    | 0       | 10              | 63%                | 4         | 0        | 16    |
| Maela Resident Camp  | Singleton Delivery | 954   | 99%       | 9          | 1%             | 109       | 11%           | 67                | 7%                    | 11      | 85              | 10%                | 865       | 0        | 963   |
|                      | Multiple Delivery  | 12    | 100%      | 0          | 0%             | 0         | 0%            | 0                 | 0%                    | 0       | 9               | 75%                | 3         | 0        | 12    |

| Place of outcome    |              |             |            |           |           |            |           |          |           |             |            |             |
|---------------------|--------------|-------------|------------|-----------|-----------|------------|-----------|----------|-----------|-------------|------------|-------------|
|                     |              | Unit        | (%)        | Home      | (%)       | Hospital   | (%)       | Others   | (%)       | Un-known    | (%)        | Total       |
| Maela               | Delivery     | 970         | 87%        | 49        | 4%        | 96         | 9%        | 6        | 1%        | 0           | 0%         | 1121        |
|                     | Abortion     | 103         | 77%        | 17        | 13%       | 13         | 10%       | 0        | 0%        | 0           | 0%         | 133         |
|                     | <b>Total</b> | <b>1073</b> | <b>86%</b> | <b>66</b> | <b>5%</b> | <b>109</b> | <b>9%</b> | <b>6</b> | <b>0%</b> | <b>0</b>    | <b>0%</b>  | <b>1254</b> |
| Maela Resident Camp | Delivery     | 848         | 87%        | 38        | 4%        | 83         | 9%        | 6        | 1%        | 0           | 0%         | 975         |
|                     | Abortion     | 81          | 74%        | 16        | 15%       | 12         | 11%       | 0        | 0%        | 0           | 0%         | 109         |
|                     | <b>Total</b> | <b>54</b>   | <b>4%</b>  | <b>95</b> | <b>8%</b> | <b>6</b>   | <b>0%</b> | <b>0</b> | <b>0%</b> | <b>1084</b> | <b>87%</b> | <b>1239</b> |

**Others**

|                | Maternal death | Defaulters (Move/Lost) | Tetanus(%) |
|----------------|----------------|------------------------|------------|
| Maela          | 3              | 238                    | 99         |
| Maela Resident | 1              | 134                    | 100        |

|                | MUAC (Mid-Upper Arm Circumference) | Registered | New  | Outcome | Defaulters (Move/Lost) |
|----------------|------------------------------------|------------|------|---------|------------------------|
| Maela          | < 21                               | 47         | 35   | 32      | 7                      |
|                | ≥ 21                               | 2023       | 1459 | 1275    | 231                    |
|                | ≥ 23                               | 307        | 196  | 205     | 44                     |
| Maela Resident | < 21                               | 37         | 27   | 25      | 4                      |
|                | ≥ 21                               | 1699       | 1202 | 1106    | 130                    |
|                | ≥ 23                               | 252        | 152  | 176     | 24                     |

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| Month         | Number of birth certificates | Number of female sterilization |
|---------------|------------------------------|--------------------------------|
| Oct 13-Sep 14 | 886                          | 33                             |

| Condition of the referrals                |     |
|---|-----|
| Diagnosis                                 | MLA |
| Abortion                                  | 4   |
| Booking                                   | 3   |
| Breech Presentation                       | 7   |
| Cervical tear/grade IV vaginal tear       | 0   |
| Chorioamnionitis                          | 1   |
| Cord Prolapse                             | 0   |
| CPD/delayed-failure progress labour       | 28  |
| Diabetes/GDM                              | 6   |
| Ectopic                                   | 2   |
| Eclampsia                                 | 1   |
| Face (mento-posterior)                    | 1   |
| Failed forceps/vacuum                     | 1   |
| Fetal Distress                            | 5   |
| High BP (PIH/pre-eclampsia)               | 5   |
| Infected wound/sepsis                     | 0   |
| Maternal Medical (Heart Disease, chronic) | 3   |
| Molar pregnancy                           | 3   |
| Others                                    | 7   |
| Placental Praevia                         | 5   |
| Placental Abruption                       | 3   |
| PPH                                       | 1   |
| Previous C-section                        | 11  |
| Prolonged PPRM (<37 wks)                  | 4   |
| Prolonged second stage (pl/rf)            | 2   |
| Retained Placenta                         | 7   |
| Twin                                      | 4   |
| Uterine Rupture                           | 0   |
| TOTAL                                     | 114 |

**KEYS**

CPD = Cephalopelvic disproportion  
 PPH = Post-Partum Hemorrhage  
 APH = Antepartum haemorrhage  
 CS = Caesarean section  
 PTL = Preterm labor  
 UTI = Urinary tract infection  
 PROM = Premature rupture of membranes  
 BP = Blood pressure

Malaria Cases in Maela OPD (SMRU from 01/Oct/2013 - 30/Sep/2014)

| Month        | Species   |          |           |          |          |             |             |                 |             |          |            |           |            |          |             |          |          |          |          | Gametocyte |          |             |            |                |             |            |          |          |          |            |           |           |           |
|--------------|-----------|----------|-----------|----------|----------|-------------|-------------|-----------------|-------------|----------|------------|-----------|------------|----------|-------------|----------|----------|----------|----------|------------|----------|-------------|------------|----------------|-------------|------------|----------|----------|----------|------------|-----------|-----------|-----------|
|              | PFT       | PFT+PVT  | PFT+OTHER | PFT+PFG  | PFT+PVG  | PFT+PVT+PFG | PFT+PVT+PVG | PFT+PVT+PFG+PVG | PFT+PFG+PVG | PFG      | PVT        | PVT+OTHER | PVT+PVG    | PVT+PFG  | PVT+PVG+PFG | PVG      | PMT      | PMT+PMG  | PMG      | POT        | POT+POG  | POG         | Total Neg  | Total Positive | Total Tests | Total PF   | Total PV | Total PM | Total Po | Total PFG  | Total PVG | Total PMG | Total POG |
| Oct-13       | 5         | 0        | 0         | 2        | 0        | 0           | 0           | 0               | 0           | 0        | 20         | 0         | 16         | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 641        | 43             | 684         | 7          | 36       | 0        | 0        | 2          | 16        | 0         | 0         |
| Nov-13       | 11        | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 25         | 0         | 16         | 0        | 0           | 0        | 1        | 0        | 0        | 0          | 0        | 0           | 550        | 53             | 603         | 11         | 41       | 1        | 0        | 0          | 16        | 1         | 0         |
| Dec-13       | 18        | 0        | 0         | 0        | 0        | 0           | 1           | 0               | 0           | 0        | 19         | 0         | 22         | 0        | 0           | 0        | 1        | 0        | 0        | 0          | 0        | 0           | 404        | 61             | 465         | 19         | 42       | 1        | 0        | 0          | 23        | 1         | 0         |
| Jan-14       | 6         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 27         | 0         | 15         | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 432        | 48             | 480         | 6          | 42       | 0        | 0        | 0          | 15        | 0         | 0         |
| Feb-14       | 8         | 0        | 0         | 2        | 0        | 0           | 0           | 0               | 0           | 0        | 7          | 0         | 9          | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 433        | 26             | 459         | 10         | 16       | 0        | 0        | 2          | 9         | 0         | 0         |
| Mar-14       | 4         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 14         | 0         | 7          | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 436        | 25             | 461         | 4          | 21       | 0        | 0        | 0          | 7         | 0         | 0         |
| Apr-14       | 4         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 12         | 0         | 9          | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 376        | 25             | 401         | 4          | 21       | 0        | 0        | 0          | 9         | 0         | 0         |
| May-14       | 3         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 4          | 0         | 23         | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 407        | 30             | 437         | 3          | 27       | 0        | 0        | 0          | 23        | 0         | 0         |
| Jun-14       | 7         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 8          | 0         | 22         | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 478        | 37             | 515         | 7          | 30       | 0        | 0        | 0          | 22        | 0         | 0         |
| Jul-14       | 3         | 0        | 0         | 1        | 0        | 0           | 1           | 0               | 0           | 0        | 4          | 0         | 21         | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 742        | 30             | 772         | 5          | 26       | 0        | 0        | 1          | 22        | 0         | 0         |
| Aug-14       | 1         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 3          | 0         | 7          | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 601        | 11             | 612         | 1          | 10       | 0        | 0        | 0          | 7         | 0         | 0         |
| Sep-14       | 0         | 0        | 0         | 0        | 0        | 0           | 0           | 0               | 0           | 0        | 1          | 0         | 8          | 0        | 0           | 0        | 0        | 0        | 0        | 0          | 0        | 0           | 474        | 9              | 483         | 0          | 9        | 0        | 0        | 0          | 8         | 0         | 0         |
| <b>Total</b> | <b>70</b> | <b>0</b> | <b>0</b>  | <b>5</b> | <b>0</b> | <b>0</b>    | <b>2</b>    | <b>0</b>        | <b>0</b>    | <b>0</b> | <b>144</b> | <b>0</b>  | <b>175</b> | <b>0</b> | <b>0</b>    | <b>0</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b>   | <b>0</b> | <b>5974</b> | <b>398</b> | <b>6372</b>    | <b>77</b>   | <b>321</b> | <b>2</b> | <b>0</b> | <b>5</b> | <b>177</b> | <b>2</b>  | <b>0</b>  |           |

Malaria Cases in Maela OPD (by age and sex group)

| Month        | Neg         |             |             |            |            |            |             |             |             | PF          |          |          |           |           |          |           |           |           | PV        |           |           |           |           |           |           |            |            | Total Pos | Total Test | %NEG       |            |             | %PF         |             |             | %PV         |             |             |             |             |             |      |
|--------------|-------------|-------------|-------------|------------|------------|------------|-------------|-------------|-------------|-------------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
|              | <5y         |             |             | 5-15y      |            |            | >15y        |             |             | Total Neg   | <5y      |          |           | 5-15y     |          |           | >15y      |           |           | Total PF  | <5y       |           |           | 5-15y     |           |            | >15y       |           |            | Total PV   | Total Pos  | Total Test  | %NEG        | %PF         | %PV         |             |             |             |             |             |             |      |
|              | M           | F           | Sub-total   | M          | F          | Sub-total  | M           | F           | Sub-total   |             | M        | F        | Sub-      | M         | F        | Sub-      | M         | F         | Sub-      |           | M         | F         | Sub-total | M         | F         | Sub-       | M          |           |            |            |            |             |             |             |             | F           | Sub-        | M           | F           | Sub-        |             |      |
| Oct-13       | 138         | 117         | 255         | 68         | 52         | 120        | 118         | 148         | 266         | 641         | 0        | 2        | 2         | 1         | 0        | 1         | 2         | 2         | 4         | 7         | 3         | 3         | 6         | 7         | 2         | 9          | 12         | 9         | 21         | 36         | 43         | 684         | 39.8        | 18.7        | 41.5        | 28.6        | 14.3        | 57.1        | 16.7        | 25.0        | 58.3        |      |
| Nov-13       | 142         | 98          | 240         | 51         | 45         | 96         | 87          | 127         | 214         | 550         | 0        | 1        | 1         | 2         | 3        | 5         | 4         | 1         | 5         | 11        | 1         | 1         | 2         | 7         | 12        | 19         | 11         | 9         | 20         | 41         | 52         | 602         | 43.6        | 17.5        | 38.9        | 9.1         | 45.5        | 45.5        | 4.9         | 46.3        | 48.8        |      |
| Dec-13       | 89          | 69          | 158         | 29         | 35         | 64         | 83          | 99          | 182         | 404         | 1        | 0        | 1         | 7         | 2        | 9         | 6         | 3         | 9         | 19        | 2         | 1         | 3         | 8         | 5         | 13         | 20         | 6         | 26         | 42         | 61         | 465         | 39.1        | 15.8        | 45.0        | 5.3         | 47.4        | 47.4        | 7.1         | 31.0        | 61.9        |      |
| Jan-14       | 88          | 55          | 143         | 36         | 37         | 73         | 94          | 122         | 216         | 432         | 1        | 0        | 1         | 2         | 0        | 2         | 1         | 2         | 3         | 6         | 4         | 2         | 6         | 9         | 5         | 14         | 17         | 5         | 22         | 42         | 48         | 480         | 33.1        | 16.9        | 50.0        | 16.7        | 33.3        | 50.0        | 14.3        | 33.3        | 52.4        |      |
| Feb-14       | 95          | 70          | 165         | 54         | 48         | 102        | 79          | 87          | 166         | 433         | 1        | 0        | 1         | 2         | 2        | 4         | 2         | 3         | 5         | 10        | 3         | 3         | 6         | 5         | 2         | 7          | 1          | 2         | 3          | 16         | 26         | 459         | 38.1        | 23.6        | 38.3        | 10.0        | 40.0        | 50.0        | 37.5        | 43.8        | 18.8        |      |
| Mar-14       | 110         | 86          | 196         | 51         | 24         | 75         | 55          | 110         | 165         | 436         | 0        | 0        | 0         | 1         | 0        | 1         | 3         | 0         | 3         | 4         | 3         | 2         | 5         | 3         | 2         | 5          | 6          | 5         | 11         | 21         | 25         | 461         | 45.0        | 17.2        | 37.8        | 0.0         | 25.0        | 75.0        | 23.8        | 23.8        | 52.4        |      |
| Apr-14       | 109         | 76          | 185         | 18         | 23         | 41         | 57          | 93          | 150         | 376         | 0        | 0        | 0         | 0         | 1        | 1         | 1         | 2         | 3         | 4         | 3         | 1         | 4         | 3         | 2         | 5          | 6          | 6         | 12         | 21         | 25         | 401         | 49.2        | 10.9        | 39.9        | 0.0         | 25.0        | 75.0        | 19.0        | 23.8        | 57.1        |      |
| May-14       | 106         | 103         | 209         | 19         | 23         | 42         | 65          | 91          | 156         | 407         | 1        | 1        | 2         | 0         | 0        | 1         | 0         | 1         | 0         | 1         | 3         | 0         | 1         | 1         | 7         | 8          | 15         | 7         | 4          | 11         | 27         | 30          | 437         | 51.4        | 10.3        | 38.3        | 66.7        | 0.0         | 33.3        | 3.7         | 55.6        | 40.7 |
| Jun-14       | 123         | 94          | 217         | 27         | 45         | 72         | 83          | 106         | 189         | 478         | 0        | 0        | 0         | 0         | 0        | 6         | 1         | 7         | 7         | 1         | 2         | 3         | 2         | 3         | 5         | 13         | 9          | 22        | 30         | 37         | 515        | 45.4        | 15.1        | 39.5        | 0.0         | 0.0         | 100.0       | 10.0        | 16.7        | 73.3        |             |      |
| Jul-14       | 139         | 129         | 268         | 68         | 62         | 130        | 169         | 175         | 344         | 742         | 1        | 0        | 1         | 0         | 0        | 4         | 4         | 4         | 5         | 4         | 0         | 4         | 4         | 4         | 5         | 9          | 9          | 4         | 13         | 26         | 31         | 773         | 36.1        | 17.5        | 46.4        | 20.0        | 0.0         | 80.0        | 15.4        | 34.6        | 50.0        |      |
| Aug-14       | 124         | 111         | 235         | 45         | 52         | 97         | 100         | 169         | 269         | 601         | 1        | 0        | 1         | 0         | 0        | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 1         | 3         | 2         | 5          | 3          | 1         | 4          | 10         | 11         | 612         | 39.1        | 16.1        | 44.8        | 100.0       | 0.0         | 0.0         | 10.0        | 50.0        | 40.0        |      |
| Sep-14       | 144         | 130         | 274         | 34         | 19         | 53         | 48          | 99          | 147         | 474         | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 2         | 3          | 0          | 5         | 5          | 9          | 9          | 483         | 57.8        | 11.2        | 31.0        | #DIV/0!     | #DIV/0!     | #DIV/0!     | 11.1        | 33.3        | 55.6        |      |
| <b>Total</b> | <b>1407</b> | <b>1138</b> | <b>2545</b> | <b>500</b> | <b>465</b> | <b>965</b> | <b>1038</b> | <b>1426</b> | <b>2464</b> | <b>5974</b> | <b>6</b> | <b>4</b> | <b>10</b> | <b>15</b> | <b>8</b> | <b>23</b> | <b>30</b> | <b>14</b> | <b>44</b> | <b>77</b> | <b>26</b> | <b>16</b> | <b>42</b> | <b>59</b> | <b>50</b> | <b>109</b> | <b>105</b> | <b>65</b> | <b>170</b> | <b>321</b> | <b>398</b> | <b>6372</b> | <b>42.6</b> | <b>16.2</b> | <b>41.2</b> | <b>13.0</b> | <b>29.9</b> | <b>57.1</b> | <b>13.1</b> | <b>34.0</b> | <b>53.0</b> |      |

\*PFT+PVT are counted both as PF and PV

\*Trophozoite+gametocyte are counted as both trophozoite and gametocyte

\*\*PFG+PVG" are counted as both PFG and PVG

pft+other = pvt mix with pmt or pot

pvt+other = pvt mix with pmt+pot

| Month        | Treatment |          |          |          |          |          |            |           |           |           |          | Total Txn |          |            |
|--------------|-----------|----------|----------|----------|----------|----------|------------|-----------|-----------|-----------|----------|-----------|----------|------------|
|              | MAS3      | A7D7     | Q7D7     | AS7      | COA      | MAS7     | CHQ3       | CHQ + PMQ | DP        | DP+PMQ    | OZ+MAS3  |           | MAS3+PMQ | AS7+DP3    |
| Oct-13       | 1         | 0        | 0        | 1        | 1        | 0        | 26         | 4         | 6         | 3         | 0        | 0         | 0        | 42         |
| Nov-13       | 0         | 0        | 0        | 0        | 1        | 0        | 36         | 1         | 4         | 6         | 0        | 0         | 0        | 48         |
| Dec-13       | 2         | 0        | 0        | 0        | 1        | 0        | 26         | 5         | 4         | 19        | 0        | 0         | 0        | 57         |
| Jan-14       | 1         | 0        | 0        | 0        | 1        | 0        | 21         | 14        | 2         | 7         | 0        | 0         | 0        | 46         |
| Feb-14       | 1         | 0        | 0        | 0        | 0        | 0        | 14         | 1         | 1         | 7         | 0        | 1         | 1        | 25         |
| Mar-14       | 0         | 0        | 0        | 0        | 1        | 0        | 18         | 2         | 2         | 2         | 0        | 0         | 0        | 25         |
| Apr-14       | 0         | 0        | 0        | 0        | 0        | 0        | 17         | 0         | 4         | 2         | 0        | 0         | 0        | 23         |
| May-14       | 1         | 0        | 0        | 1        | 0        | 0        | 19         | 7         | 0         | 1         | 0        | 0         | 0        | 29         |
| Jun-14       | 2         | 0        | 0        | 0        | 0        | 0        | 18         | 8         | 0         | 6         | 0        | 2         | 0        | 36         |
| Jul-14       | 0         | 0        | 0        | 0        | 1        | 0        | 21         | 2         | 2         | 4         | 0        | 0         | 0        | 30         |
| Aug-14       | 0         | 0        | 0        | 0        | 0        | 0        | 9          | 1         | 0         | 0         | 0        | 0         | 0        | 10         |
| Sep-14       | 0         | 0        | 0        | 0        | 0        | 0        | 9          | 0         | 0         | 0         | 0        | 0         | 0        | 9          |
| <b>Total</b> | <b>8</b>  | <b>0</b> | <b>0</b> | <b>2</b> | <b>6</b> | <b>0</b> | <b>234</b> | <b>45</b> | <b>25</b> | <b>57</b> | <b>0</b> | <b>3</b>  | <b>1</b> | <b>380</b> |

**Treatment KEY**  
 Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D  
 Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D  
 A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D  
 A7= Artesunate 2mg/kg x 7D  
 COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)  
 SQ7=Supervised Quinine 10 mg/kg/tid x 7D  
 Q7D7=Quinine 10mg/kg/tid x 7D+Doxycycline 4mg/kg  
 Q7C7=Quinine 10mg/kg/tid x 7D + Clindamycin 5mg/kg/tid x 7D  
 A7C7=Artesunate 2mg/kg x 7D + Quinine 10mg/kg/tid x 7D  
 CHQ3=Chloroquine 25 mg/kg x 3D  
 DP = Dihydroartemisinin 1.6mg/kg + Piperazine12.8mg/kg x 3D  
 MASF=Fixecl artesunate and mefloquine combination 0D x 3D (dosage was weight dependent)  
 MASL=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D Loose combination  
 AS/IV=Artesunate 2.4 mg/kg IV  
 CHQ+PMQ=Chloroquine 25 mg/kg over 3D+primaquine 0.5 mg/kg OD\*14 D  
 PMQ=Primaquine 0.5 mg/kg OD\*14 D  
 DUQ=Duocotecxin 3 mg/kg x 2D  
 AMQ=Amodiaquine 10 mg/kg/day x 3D

| Month        | Patient    | Malaria Cases in Mae La by species (IPD) |          |                    |            |          |           |          |          |          |          | Number or blood transfusion |
|--------------|------------|--|----------|--------------------|------------|----------|-----------|----------|----------|----------|----------|-----------------------------|
|              |            | Malaria(pf)                              |          | Severe Malaria(pf) | Other      | PFG      | PV        | PM       | PO       | Mix      |          |                             |
|              |            | <4%                                      | >4%      |                    |            |          |           |          |          |          |          |                             |
| Oct-13       | 74         | 1  | 0        | 0                  | 66         | 0        | 7         | 0        | 0        | 0        | 0        | 3                           |
| Nov-13       | 76         | 0  | 0        | 0                  | 73         | 0        | 3         | 0        | 0        | 0        | 0        | 2                           |
| Dec-13       | 59         | 1  | 0        | 0                  | 52         | 0        | 6         | 0        | 0        | 0        | 0        | 2                           |
| Jan-14       | 73         | 2  | 0        | 0                  | 69         | 0        | 2         | 0        | 0        | 0        | 0        | 2                           |
| Feb-14       | 67         | 0  | 1        | 0                  | 65         | 0        | 1         | 0        | 0        | 0        | 0        | 2                           |
| Mar-14       | 84         | 0  | 0        | 0                  | 82         | 0        | 2         | 0        | 0        | 0        | 0        | 2                           |
| Apr-14       | 69         | 0  | 0        | 0                  | 66         | 0        | 3         | 0        | 0        | 0        | 0        | 2                           |
| May-14       | 78         | 1  | 1        | 0                  | 76         | 0        | 0         | 0        | 0        | 0        | 0        | 2                           |
| Jun-14       | 80         | 1  | 1        | 0                  | 74         | 0        | 4         | 0        | 0        | 0        | 0        | 2                           |
| Jul-14       | 115        | 0  | 1        | 0                  | 113        | 0        | 1         | 0        | 0        | 0        | 0        | 2                           |
| Aug-14       | 101        | 0  | 1        | 0                  | 100        | 0        | 0         | 0        | 0        | 0        | 0        | 3                           |
| Sep-14       | 123        | 0  | 0        | 0                  | 121        | 0        | 2         | 0        | 0        | 0        | 0        | 2                           |
| <b>Total</b> | <b>999</b> | <b>6</b>                                 | <b>5</b> | <b>0</b>           | <b>957</b> | <b>0</b> | <b>31</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>26</b>                   |

\*PFT+PVT are counted both as PF and PV

\*Trophozoite+gametocyte are counted as both trophozoite and gametocyte

\*\*PFG+PVG" are counted as both PFG and PVG

pft+other = pft mix with pmt or pot

pvt+other = pvt mix with pmt+pot

Malaria Cases in Maela OPD (AMI from 01/Oct/2013 - 30/Sep/2014)

| Month        | Species   |          |           |           |          |             |             |                 |             |          |           |           |            |          |             |          |          | Gametocyte |          |          |          |             |            |                |             |            |          |          |           |            |           |           |           |
|--------------|-----------|----------|-----------|-----------|----------|-------------|-------------|-----------------|-------------|----------|-----------|-----------|------------|----------|-------------|----------|----------|------------|----------|----------|----------|-------------|------------|----------------|-------------|------------|----------|----------|-----------|------------|-----------|-----------|-----------|
|              | PFT       | PFT+PVT  | PFT+OTHER | PFT+PFG   | PFT+PVG  | PFT+PVT+PFG | PFT+PVT+PVG | PFT+PVT+PFG+PVG | PFT+PFG+PVG | PFG      | PVT       | PVT+OTHER | PVT+PVG    | PVT+PFG  | PVT+PVG+PFG | PVG      | PMT      | PMT+PMG    | PMG      | POT      | POT+POG  | POG         | Total Neg  | Total Positive | Total Tests | Total PF   | Total PV | Total PM | Total Po  | Total PFG  | Total PVG | Total PMG | Total POG |
| Oct-2013     | 11        | 0        | 0         | 0         | 0        | 0           | 0           | 0               | 0           | 0        | 3         | 0         | 38         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 591        | 52             | 643         | 11         | 41       | 0        | 0         | 0          | 38        | 0         | 0         |
| Nov-2013     | 10        | 0        | 0         | 0         | 0        | 0           | 0           | 0               | 0           | 1        | 5         | 0         | 31         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 547        | 47             | 594         | 10         | 36       | 0        | 0         | 1          | 31        | 0         | 0         |
| Dec-2013     | 13        | 0        | 0         | 3         | 0        | 0           | 0           | 0               | 0           | 0        | 6         | 0         | 41         | 0        | 0           | 0        | 1        | 0          | 0        | 0        | 0        | 0           | 476        | 64             | 540         | 16         | 47       | 1        | 0         | 3          | 41        | 1         | 0         |
| Jan-2014     | 4         | 0        | 0         | 2         | 0        | 0           | 0           | 0               | 0           | 0        | 2         | 0         | 23         | 0        | 0           | 0        | 1        | 0          | 0        | 0        | 0        | 0           | 443        | 32             | 475         | 6          | 25       | 1        | 0         | 2          | 23        | 0         | 0         |
| Feb-2014     | 2         | 0        | 0         | 1         | 0        | 0           | 0           | 0               | 0           | 0        | 0         | 0         | 18         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 402        | 21             | 423         | 3          | 18       | 0        | 0         | 1          | 18        | 0         | 0         |
| Mar-2014     | 4         | 0        | 0         | 1         | 0        | 0           | 0           | 0               | 0           | 0        | 3         | 0         | 21         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 429        | 29             | 458         | 5          | 24       | 0        | 0         | 1          | 21        | 0         | 0         |
| Apr-2014     | 2         | 0        | 0         | 1         | 0        | 0           | 0           | 0               | 0           | 0        | 6         | 0         | 21         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 364        | 30             | 394         | 3          | 27       | 0        | 0         | 1          | 21        | 0         | 0         |
| May-2014     | 2         | 0        | 0         | 1         | 0        | 0           | 0           | 0               | 0           | 0        | 4         | 0         | 37         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 487        | 44             | 531         | 3          | 41       | 0        | 0         | 1          | 37        | 0         | 0         |
| Jun-2014     | 12        | 1        | 0         | 1         | 0        | 0           | 1           | 0               | 0           | 0        | 5         | 0         | 35         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 585        | 55             | 640         | 15         | 42       | 0        | 0         | 1          | 36        | 0         | 0         |
| Jul-2014     | 1         | 0        | 0         | 0         | 0        | 0           | 0           | 0               | 0           | 0        | 9         | 0         | 42         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 957        | 52             | 1009        | 1          | 51       | 0        | 0         | 0          | 42        | 0         | 0         |
| Aug-2014     | 2         | 0        | 0         | 0         | 0        | 0           | 0           | 0               | 0           | 0        | 5         | 0         | 13         | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 784        | 20             | 804         | 2          | 18       | 0        | 0         | 0          | 13        | 0         | 0         |
| Sep-2014     | 0         | 0        | 0         | 0         | 0        | 0           | 0           | 0               | 0           | 0        | 3         | 0         | 7          | 0        | 0           | 0        | 0        | 0          | 0        | 0        | 0        | 0           | 463        | 10             | 473         | 0          | 10       | 0        | 0         | 0          | 7         | 0         | 0         |
| <b>Total</b> | <b>63</b> | <b>1</b> | <b>0</b>  | <b>10</b> | <b>0</b> | <b>0</b>    | <b>1</b>    | <b>0</b>        | <b>0</b>    | <b>1</b> | <b>51</b> | <b>0</b>  | <b>327</b> | <b>0</b> | <b>0</b>    | <b>0</b> | <b>1</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>6528</b> | <b>456</b> | <b>6984</b>    | <b>75</b>   | <b>380</b> | <b>2</b> | <b>0</b> | <b>11</b> | <b>328</b> | <b>1</b>  | <b>0</b>  |           |

**Treatment KEY**  
 Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D  
 Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D  
 A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D  
 A7= Artesunate 2mg/kg x 7D  
 COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)  
 SQ7=Supervised Quinine 10 mg/kg/tid x 7D  
 Q7D7=Quinine 10mg/kg/tid x 7D+Doxycycline 4mg/kg  
 Q7C7=Quinine 10mg/kg/tid x 7D + Clindamycine 5mg/kg/tid x 7D  
 A7C7=Artesunate 2mg/kg x 7D + Quinine 10mg/kg/tid x 7D  
 CHQ3=Chloroquine 25 mg/kg x 3D  
 DP = Dihydroartemisinin 1.6mg/kg + Piperaquine 12.8mg/kg x 3D  
 MASF=Fixed artesunate and mefloquine combination OD x 3D (dosage was weight dependent)  
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 AS/IV=Artesunate 2.4 mk/kg IV  
 CHQ+PMQ=Chloroquine 25 mg/kg over 3D+primaquine 0.5 mg/kg OD\*14 D  
 PMQ=Primaquine 0.5 mg/kg OD\*14 D  
 DUO=Duocotecxin 3 mg/kg x 2D  
 AMQ=Amodiaquine 10 mg/kg/day x 3D

\*PFT+PVT are counted both as PF and PV  
 \*Trophozoite+gametocyte are counted as both trophozoite and gametocyte  
 \*\*"PFG+PVG" are counted as both PFG and PVG  
 pft+other = pft mix with pmt or pot  
 pvt+other = pvt mix with pmt+pot

Laboratory  
Clinic 1 & 4 (SMRU Maela)

| Month        | Total slides | New Positive (Malaria Species) |          |           |          |          |              |               |                  |              |           |          |            |          |          |              |          | Summary Malaria Cases by species |          |          |          |           |            |           |           |           |            | Other Lab Results |           |              |            |              |                |             |             |          |            |          |              |             |          |
|--------------|--------------|--------------------------------|----------|-----------|----------|----------|--------------|---------------|------------------|--------------|-----------|----------|------------|----------|----------|--------------|----------|----------------------------------|----------|----------|----------|-----------|------------|-----------|-----------|-----------|------------|-------------------|-----------|--------------|------------|--------------|----------------|-------------|-------------|----------|------------|----------|--------------|-------------|----------|
|              |              | pft                            | pft+pvt  | pft+other | pft+pfg  | pft+pvg  | pft+pvt+ pfg | pft+pvt + pvg | pft+pvt+ pfg+pvg | pft+pfg+ pvg | pfg       | pvt      | pvt+other  | pvt+pvg  | pvt+pfg  | pvt+pvg+ pfg | pvg      | pmt                              | pmt+pmg  | pmg      | pot      | pot+pog   | pog        | Total pft | Total pvt | Total pmt | Total pot  | Total pfg         | Total pvg | Total pmg    | Total pog  | Total Neg    | Total Positive | Hct         | CBC         | Stool    | Urine      | Sputum   | Vaginal exam | Preg test   | HBV test |
| Oct-13       | 1123         | 1                              | 0        | 0         | 2        | 0        | 0            | 0             | 0                | 0            | 5         | 0        | 16         | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 0         | 3          | 21        | 0         | 0         | 2          | 16                | 0         | 0            | 1099       | 24           | 1854           | 139         | 234         | 209      | 0          | 18       | 0            | 136         | 136      |
| Nov-13       | 1017         | 1                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 4         | 0        | 13         | 0        | 0        | 0            | 0        | 1                                | 0        | 0        | 0        | 1         | 17         | 1         | 0         | 0         | 13         | 1                 | 0         | 998          | 19         | 1692         | 144            | 195         | 189         | 0        | 20         | 0        | 130          | 129         |          |
| Dec-13       | 945          | 2                              | 0        | 0         | 0        | 0        | 1            | 0             | 0                | 0            | 3         | 0        | 17         | 0        | 0        | 0            | 1        | 0                                | 0        | 0        | 0        | 3         | 21         | 1         | 0         | 0         | 18         | 1                 | 0         | 921          | 24         | 1800         | 147            | 172         | 135         | 0        | 14         | 0        | 123          | 123         |          |
| Jan-14       | 1111         | 2                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 7         | 0        | 15         | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 2         | 22         | 0         | 0         | 0         | 15         | 0                 | 0         | 1087         | 24         | 1619         | 145            | 237         | 126         | 0        | 11         | 0        | 177          | 176         |          |
| Feb-14       | 948          | 1                              | 0        | 0         | 1        | 0        | 0            | 0             | 0                | 0            | 1         | 0        | 6          | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 2         | 7          | 0         | 0         | 1         | 6          | 0                 | 0         | 939          | 9          | 1406         | 100            | 190         | 142         | 0        | 20         | 0        | 129          | 127         |          |
| Mar-14       | 940          | 1                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 1         | 0        | 7          | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 1         | 8          | 0         | 0         | 0         | 7          | 0                 | 0         | 931          | 9          | 1425         | 195            | 210         | 164         | 0        | 8          | 0        | 123          | 121         |          |
| Apr-14       | 964          | 0                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 5         | 0        | 9          | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 0         | 14         | 0         | 0         | 0         | 9          | 0                 | 0         | 950          | 14         | 1592         | 124            | 180         | 157         | 0        | 11         | 0        | 148          | 149         |          |
| May-14       | 1042         | 3                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 4         | 0        | 23         | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 3         | 27         | 0         | 0         | 0         | 23         | 0                 | 0         | 1012         | 30         | 1841         | 151            | 143         | 225         | 0        | 13         | 0        | 133          | 130         |          |
| Jun-14       | 1182         | 7                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 8         | 0        | 22         | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 7         | 30         | 0         | 0         | 0         | 22         | 0                 | 0         | 1145         | 37         | 1744         | 158            | 137         | 208         | 0        | 19         | 0        | 141          | 141         |          |
| Jul-14       | 1492         | 3                              | 0        | 0         | 1        | 0        | 0            | 1             | 0                | 0            | 4         | 0        | 21         | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 5         | 26         | 0         | 0         | 1         | 22         | 0                 | 0         | 1462         | 30         | 1907         | 140            | 245         | 251         | 0        | 15         | 0        | 155          | 154         |          |
| Aug-14       | 1187         | 1                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 3         | 0        | 7          | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 1         | 10         | 0         | 0         | 0         | 7          | 0                 | 0         | 1176         | 11         | 1604         | 137            | 209         | 254         | 0        | 18         | 0        | 129          | 126         |          |
| Sep-14       | 1062         | 0                              | 0        | 0         | 0        | 0        | 0            | 0             | 0                | 0            | 1         | 0        | 8          | 0        | 0        | 0            | 0        | 0                                | 0        | 0        | 0        | 0         | 9          | 0         | 0         | 0         | 8          | 0                 | 0         | 1053         | 9          | 1561         | 154            | 223         | 225         | 0        | 18         | 0        | 130          | 129         |          |
| <b>Total</b> | <b>13013</b> | <b>22</b>                      | <b>0</b> | <b>0</b>  | <b>4</b> | <b>0</b> | <b>0</b>     | <b>2</b>      | <b>0</b>         | <b>0</b>     | <b>46</b> | <b>0</b> | <b>164</b> | <b>0</b> | <b>0</b> | <b>0</b>     | <b>0</b> | <b>2</b>                         | <b>0</b> | <b>0</b> | <b>0</b> | <b>28</b> | <b>212</b> | <b>2</b>  | <b>0</b>  | <b>4</b>  | <b>166</b> | <b>2</b>          | <b>0</b>  | <b>12773</b> | <b>240</b> | <b>20045</b> | <b>1734</b>    | <b>2375</b> | <b>2285</b> | <b>0</b> | <b>185</b> | <b>0</b> | <b>1654</b>  | <b>1641</b> |          |

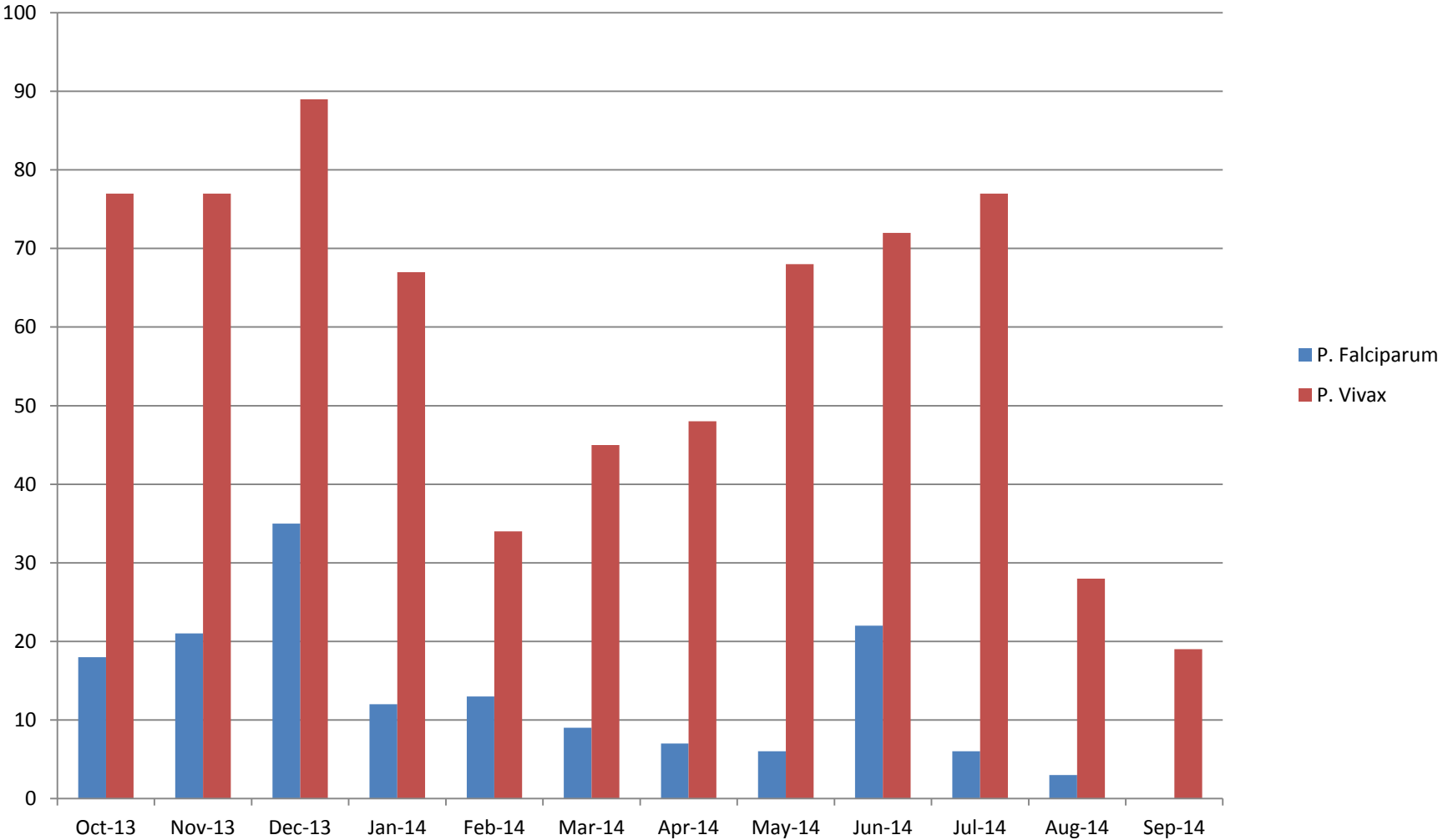
**KEYS:**  
**Pft:** Plasmodium Falciarum Trophozoites  
**Pvt:** Plasmodium Vivax Trophozoites  
**Pmt:** Plasmodium Malariae Trophozoites  
**Pot:** Plasmodium Ovale Trophozoites  
**Pfg:** Plasmodium Falciarum Gametocytes  
**Pvg:** Plasmodium Vivax Gametocytes  
**Pmg:** Plasmodium Malariae Gametocytes  
**Pog:** Plasmodium Ovale Gametocytes

**KEYS:**  
**CBC:** Cells blood count  
**Hct:**Haematocrit

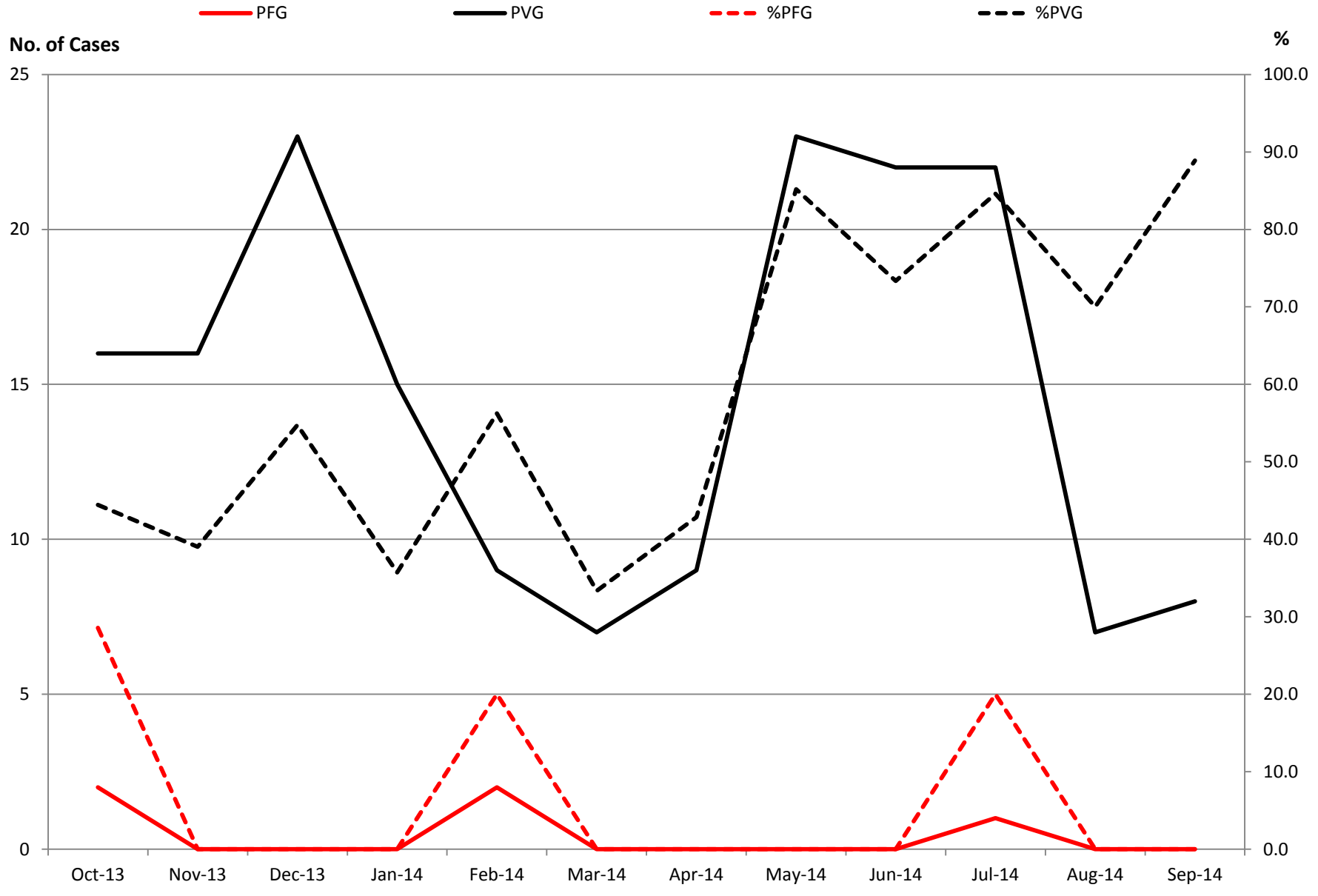


### Malaria Cases in OPD (Maela Camp - Tha Song Yang - Tak Province) Source of Malaria - SMRU & AMI

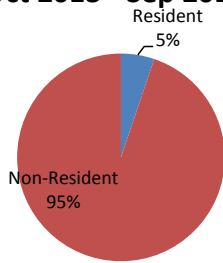
No. of Cases



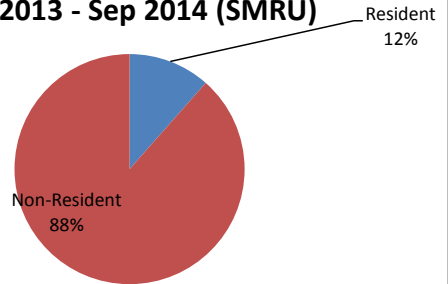
# Weekly Gametocytes in Maela (SMRU)



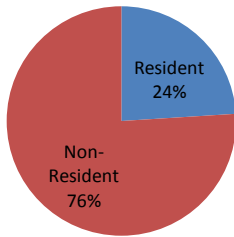
**P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (SMRU)**



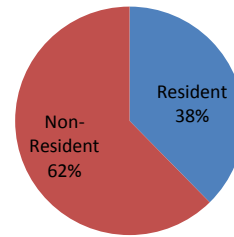
**P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (SMRU)**



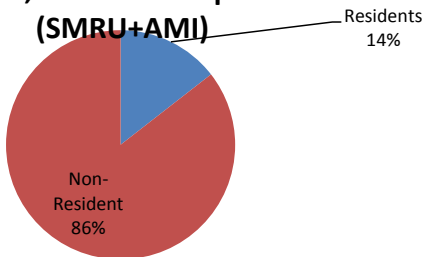
**P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (AMI)**



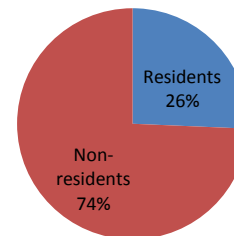
**P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (AMI)**



**P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (SMRU+AMI)**



**P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (SMRU+AMI)**



## SMRU Special Care Baby Unit Report October 2013 - September 2014

### Baseline data

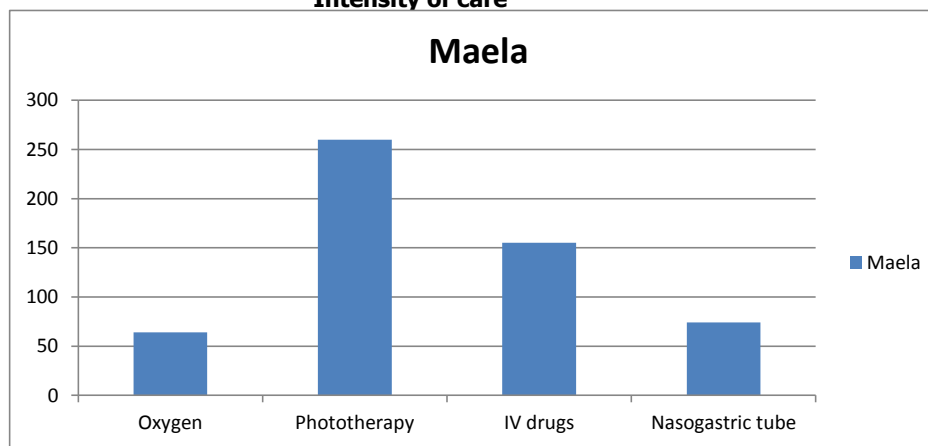
411

|                          | Maela     |
|--------------------------|-----------|
| Number of admissions     | 411       |
| Median gestation (weeks) | 38.4      |
| Range gestation (weeks)  | 31,0-42,1 |
| Median birth weight (kg) | 2.93      |
| Range birth weight (kg)  | 1,43-4,03 |

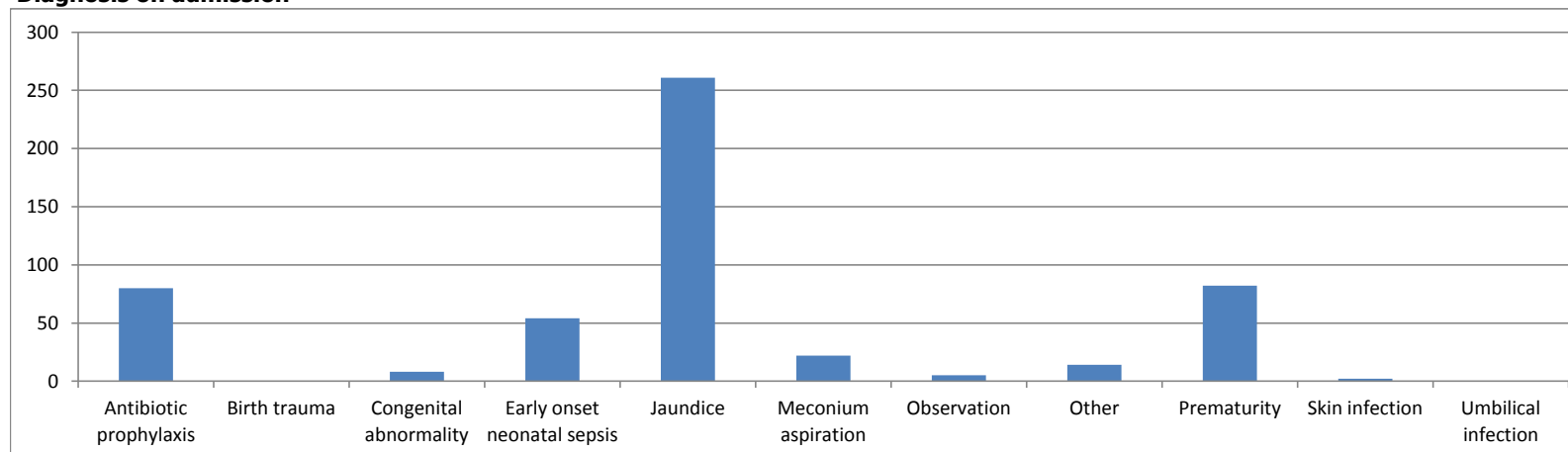
### Neonatal Deaths in SCBU

|                   | Maela |
|-------------------|-------|
| < 28 weeks        | 1     |
| 28.0 - 36.7 weeks | 3     |
| > 37 weeks        | 7     |

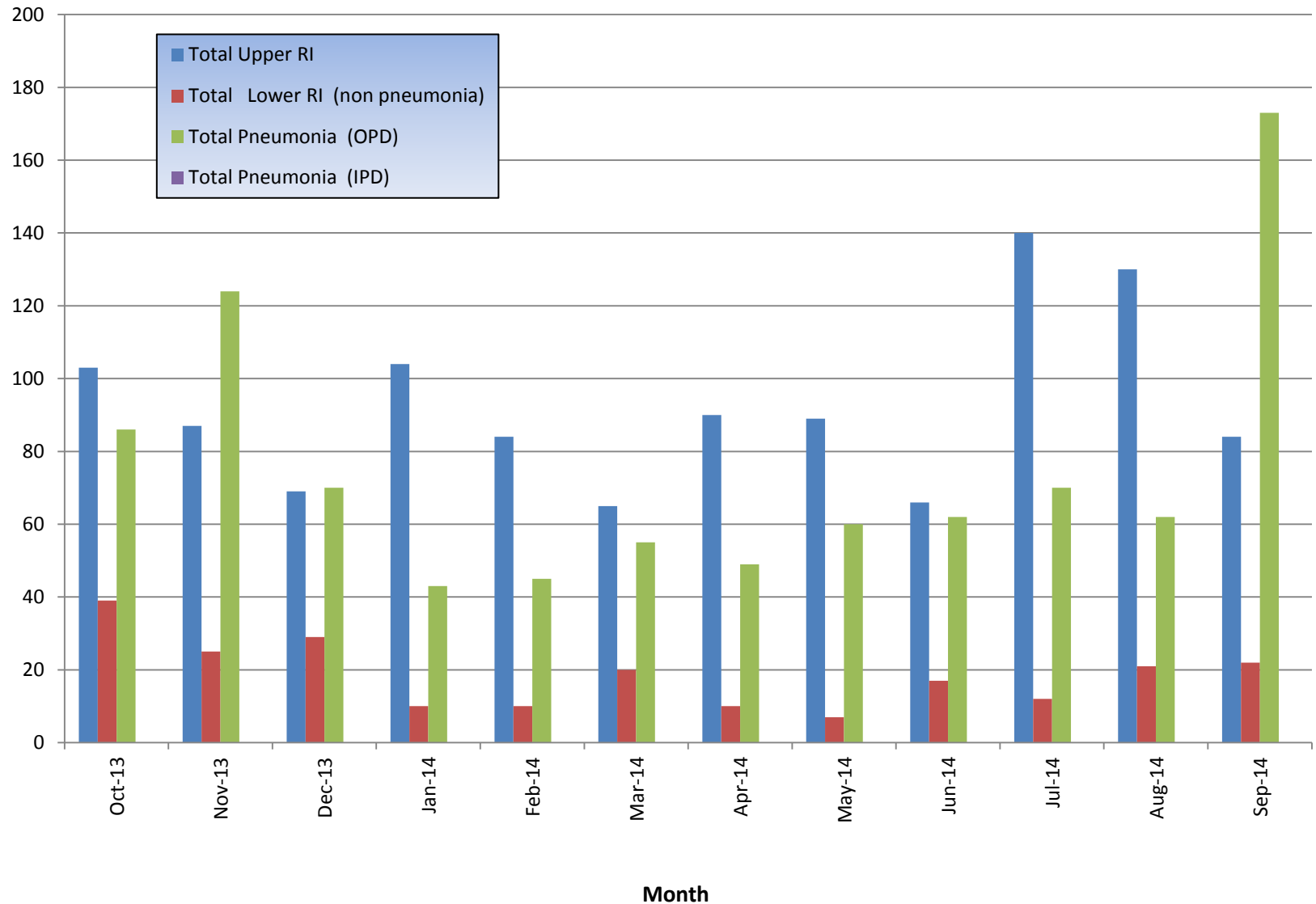
### Intensity of care



### Diagnosis on admission



### Respiratory infections report : SMRU MLA Chart



แผนที่ที่ตั้งคลินิกหน่วยวิจัยมาเลเรียโซไกล

Map of SMRU clinic sites

