



รายงานประจำปี
(ตุลาคม ๒๕๕๙ – กันยายน ๒๕๖๐)
Annual Report
(October 2016 – September 2017)

หน่วยวิจัยมาลารีอีโซกอล
Shoklo Malaria Research Unit
คณะเวชศาสตร์เขตร้อน มหาวิทยาลัยมาหิดล
Faculty of Tropical Medicine, Mahidol University



Shoklo Malaria Research Unit

Shoklo Malaria Research Unit
P.O.Box 46
Mae Sod, Tak 63110
Thailand
Tel: 66 55 545021
Fax: 66 55 545020
e-mail: smru@tropmedres.ac
<http://www.shoklo-unit.com>

Wellcome-Mahidol University, Oxford Tropical Medicine Research Program
ໂຄຣນກາຣວຈ່ຍຮ່ວມຄະນະເວັບສາສຕຣເບຕຣອນ ມ.ມກດລ-

To Whom It May Concern

October 11, 2017

Please find here enclose Annual report of the Shoklo Malaria Research Unit for
2017.

Yours sincerely,

(Prof. Nosten)

Director of Shoklo Malaria Research Unit

Email receiver:

1. Prof. Pratap Singhasivnon
2. Prof. Nick Day
3. Dr. Chettha Suadprakon
4. Dr. Supakit Sirilak
5. Dr. Wichai Satimai
6. VBDC Maesod
7. Dr. Ronnatri Ruangvirayut
8. Dr. Jirapong Uthaisil
9. Dr. Cynthia
10. PU-AMI Maesod
11. ARC Bangkok
12. KRC Maesod
13. TBBC Maesod
14. MSF Bangkok
15. MHD Maesariang
16. IRC Mae Hong Song
17. IRC Bangkok
18. IRC Maesod
19. CCSDPT
20. PU-AMI Medical coordinator

Hard Copy receiver:

1. Tak Public Health
2. Task Force 4
3. District Chief of PHO of Mae Ra Mard
4. District Chief of PHO of Maesod
5. District Chief of PHO of Pop Pra
6. Commander of Mae La Camp
7. VBDC 9.3 Maesot Tak
8. MORU

ສາ ສ ບ ນ

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Prof. F. Nosten

**Shoklo Malaria Research Unit
Mahidol Oxford University Research Unit
Faculty of Tropical Medicine, Mahidol University**

Background to the Research Programme

The malaria research programme of the SMRU started in 1986. It is based at the Faculty of Tropical Medicine, Mahidol University, Bangkok. It is part of the Mahidol Oxford University Tropical Medicine Research Unit (MORU) funded by the Wellcome Trust of Great Britain. The main objectives are to establish the appropriate strategy for treatment and prevention of malaria in the communities living along the Thai-Myanmar border.

(<http://www.shoklo-unit.com>)

Main research Areas

- 1. Collaboration with the Ministry of Public Health:** The joined antenatal consultations in Mawker Thai and Wang Pa continue, to facilitate the access to malaria diagnosis and treatment to patients from the migrant workers population in the remote areas of the province. There were 3,341 pregnant women who attended the migrant workers consultations during Oct 2016 – Sep 2017 and 49 were treated for malaria including 0 for P.falciparum. In our clinics of Mawker Thai and Murunchai (in Phop Pra district) and Wang Pha (Mae Ramat district) 427 cases of malaria including 2 falciparum, 423 cases of vivax confirmed malaria in migrant workers were treated. This very high numbers in the migrants, compare to the larger population in Maela and other camps is explained by the rains and the absence of malaria control in Myanmar.

- 2. Prevention of mother to child HIV:** We are now concentrating on the prevention of vertical transmission in pregnant women (PMCT). Migrant PMTCT program started in July 2008. From October 2016 to September 2017. In migrant, the PMTCT program is conducting in two sites (MKT and WPA). The total number of women

who up take the PMTCT are 2,510 and 11 were screening positive. Post-test counselling has done to 2,510 women

3. **TB activities:** SMRU has started providing a comprehensive TB, TB/HIV and MDR TB service to displaced, migrants and cross border population in late 2009.

During Oct 2016 to Sep 2017, 1,425 presumptive TB cases were tested for TB under passive case detection, including 489 people with presumptive TB after active screening. Total 1242 people were screened as targeted risk groups through targeted active case detection (includes 481 contacts, 67 PHA, 208 Health workers, and 486 people from Outreach activity). 311 and 63 cases (total 374) have been diagnosed as having DS-TB under passive and active case detection respectively during this reporting period; additional 18 MDRTB cases were diagnosed through GeneXpert and culture. During that period, 327 cases are registered for regular TB treatment including 13 TB cases transferred in our setting by other. The proportion of bacteriological positive pulmonary TB, smear negative pulmonary TB and extra-pulmonary TB are 48.3% (158TB), 43.7% (143) and 8% (26) respectively. 31.8% (104) are female and 68.2% (223) are male, and 15.6% (51) are less than 15 years old and 6.4% (21) are under 5 years old. Thirty three (33) children under 5 years old received Isoniazid prophylaxis after being contact of TB patient. Total 18 MDR-TB cases were detected, and 15 of them registered for MDR-TB treatment, 1 was referred to Myawaddy, two died soon after diagnosis (one MDR-TB with HIV patient) before treatment start. The uptake rate of provider initiated HIV testing, counseling is 100%, and the HIV positivity rate among those tested is 22% (73/327). All TB/HIV co-infected are put on cotrimoxazole prophylaxis and 62 (85. %) patients are put on anti-retroviral therapy. Additional 13 patients relative from TB patients have been diagnosed as having HIV infected were also put on ART. The outcomes of last year TB patients cohort (Oct 2015-Sep 2016) for 331 (include 12 Transferred In) patients are 85.6% (283/331) for treatment success rate, 4.3% (14/327) for defaulter rate, 6.3% (21/331) as death rate, 2.1% (7/331) - failure rate, 1.8% (6/331) - transferred-out and 2 - treatment adapted for drug resistant TB treatment upon receipt on the drug sensitivity testing results.

During that fiscal year period, SMRU had also to take over TB program from PUI in Refugee camps of Maela, Nupoe and Umpiem for that last quarter of the year and then hand over new activity in 2017 to other NGOs.

SMRU monitor follow up and achieve supervision of treatment of the whole TB patients cohort from Maela Refugee camp from July to September. This activity includes also all patients that have been diagnosed and enrolled from the Mass screening activity that have been implemented in whole year 2016 in Maela Refugee camp under the joined coordination of SMRU and PUI until PUI left in September 2016.

214 TB patients have been enrolled in 2016 and were followed in 2017, including 151 TB patients diagnosed from the Mass screening activity.

The outcomes of this cohort of TB patient among refugee is 93% for treatment success rate (199/214), 1.4% of death rate (3/214), 4.6% of Loss to Follow up (10/214), 2 transfer out and no failure and no treatment adapted.

4. Malaria Control Programme: (collaboration with NGOs)

The “XXV SMRU Border Meeting” was held on June 28rd, 2016 with 111 participants. This was SMRU’s annual meeting with Government agencies, non-NGOs, and other partners to exchange data, experience and information regarding the current situation with malaria in refugee and migrant populations residing along Thailand-Myanmar border. Presentations concerned update including the Spectre of Untreatable *P. falciparum* Malaria, Management of *P. vivax* Malaria, Malaria Elimination Project: State of the Program, Mass Drug Administration and Malaria Transmission, and Safety of Artemisinin in First Trimester. Other health issues were also discussed including SMRU TB Program on the Border, TB Screening and Control Activities in Refugee Camp, Community Based TB/HIV Control in Non-Thai Migrants, Non Malaria Causes of Fevers, Shigellosis Outbreak in Umpiem Camp, Update from the Microbiology Lab, Neonatal Resuscitation, Depression and Suicide in Pregnancy, Fevers in Pregnancy, and Integrated Management of Childhood Illness in the Border Area. Presentations were given by SMRU staff and health care practitioners working with NGOs operational on both sides of the international border



Conclusion: This quarterly report and the attached data, indicates that SMRU has carried out the planned activities, without encountering any significant difficulty. The main problem facing us is the departure of our staff to a third country. This the rainy season has seen a slight increase in malaria cases mainly in people (adults) working in the fields and commuting back and forth to Myanmar.

สรุประยงานการดำเนินงานโครงการวิจัยมาเลเรีย

ประจำปีงบประมาณ ๒๕๖๐

(ตุลาคม ๒๕๕๙ – กันยายน ๒๕๖๐)

Prof. Francois Nosten
Shoklo Malaria Research Unit
หน่วยวิจัยมาลารีโซกอล

Faculty of Tropical Medicine, Mahidol University
คณะเวชศาสตร์杏樹園 มหาวิทยาลัยมหิดล

ความเป็นมาของโครงการ

โครงการวิจัยมาเลเรียของหน่วยวิจัยมาเลเรียโซกอล¹ คณะเวชศาสตร์杏樹園 มหาวิทยาลัยมหิดล ซึ่งเป็นโครงการร่วมระหว่างคณะเวชศาสตร์杏樹園 มหาวิทยาลัย Oxford และ มหาวิทยาลัยมหิดล โดยได้รับการสนับสนุนทุนการดำเนินงานจาก Wellcome Trust of Great Britain ประเทศอังกฤษ ได้รับโครงการวิจัยฯ ตั้งแต่ปี พ.ศ. ๒๕๒๙

วัตถุประสงค์หลักของโครงการเพื่อค้นหาหลักการและวิธีการที่เหมาะสมในด้านการป้องกันและรักษา โรคมาเลเรียในกลุ่มชนชนที่อาศัยอยู่ในบริเวณชายแดนไทยพม่า

รายงานความก้าวหน้าของกิจกรรมงานวิจัยมาเลเรียประจำปีงบประมาณ ๒๕๖๐

1. ความร่วมมือกับสาธารณสุขจังหวัดตาก

หน่วยวิจัยมาเลเรียได้ร่วมมือกับสาธารณสุขจังหวัดตาก
ด้านการศึกษาวิจัยการวินิจฉัย และรักษาไข้บ้ามเลเรียในสตรีมีครรภ์ในพื้นที่
คลินิกหน่วยวิจัยมาลาเรียที่บ้านมอเกอร์ไทย และบ้านวังพา
จำนวนสตรีมีครรภ์มารับบริการในช่วงปีงบประมาณ 2560 รวมทั้งสิ้น 3,341
ราย และในจำนวนนี้หน่วยวิจัยมาเลเรีย ได้รักษาคนไข้บ้ามเลเรีย 49 ราย
โดยจำแนกชนิดเชื้อ falciparum malaria (PF) 0 ราย

คลินิกหน่วยวิจัยมาเลเรีย ที่ มอเกอร์ไทย, หมู่บ้านถ้ำซ้าย (อำเภอพับพระ)
และบ้านวังพา (อ.แม่ระมาด)

ยอดผู้เข้ารับการรักษาไข้บ้ามเลเรียที่เป็นแรงงานรับจ้าง
และคนไข้ที่อาศัยอยู่ตามตะเข็บชายแดนจำนวนทั้งสิ้น 427 ราย
แยกเป็นชนิดเชื้อ falciparum malaria (PF) 2 ราย vivax (PV) 423 ราย
จำนวนคนไข้บ้ามเลเรียที่อาศัยอยู่ในพื้นที่พักพิงใหม่หละ และนอกรพื้นที่พักพิงฯ
เมื่อเกียบกับแล้วคนไข้บ้ามเลเรียที่อาศัยอยู่นอกพื้นที่พักพิงฯ
มีจำนวนผู้ป่วยมาเลเรยามากกว่ากลุ่มประชากรที่อาศัยอยู่ในพื้นที่พักพิงฯใหม่หละ
และพื้นที่พักพิงฯอื่นๆ
ปรากฏการณ์เช่นนี้แสดงให้เห็นว่าขาดการควบคุมโรคมาเลเรียในผู้ชายและของ
ประเทศเพื่อนบ้าน

2. การให้ความรู้ด้านโรค HIV / AIDS

ในปัจจุบันหน่วยวิจัยมาเลเรียได้เน้นงานด้านการป้องกันการแพร่เชื้อ
HIV จากแม่สู่ลูกของกลุ่มสตรี
มีครรภ์ (PMCT)
โดยการให้ความรู้แก่กลุ่มสตรีมีครรภ์ที่เข้ามารับบริการที่หน่วยวิจัยมาเลเรียตั้งแต่ปี พ.ศ. 2545 ตั้งแต่เดือน ตุลาคม 2559 - กันยายน 2560

การดำเนินงานนอกพื้นที่พักรพงฯ ก่อตั้งมาแล้ว 10 ปี บ้านมอเกวไทย คลินิกวังพา หมู่ 10 ต.แม่กาษา อ.แม่สอด มีสตรีเข้ารับบริการจำนวน 2,510 ราย และได้รับคำปรึกษาทั้งหมด ตรวจหาเชื้อ HIV ด้วยวิธี screening พบผลตรวจบันทึก 11 ราย

3. วัณโรค

หน่วยวิจัยมาลาเรียโซโนด ได้เริ่มการให้บริการรักษาวัณโรค / เอชไอวีและวัณโรคด้วยยาหลายชนิดกับประชากรเคลื่อนย้ายในช่วงปลายปี 2552 ในช่วงตุลาคม 2559 ถึงกันยายน 2560 ตรวจผู้สงสัยวัณโรคเชิงรับจำนวน 1,425 และกรณีเพิ่มเติมผู้ป่วย 489 รายได้รับการตรวจวัณโรคเชิงรุก ผู้ป่วยทั้งหมด 1242 รายได้รับการคัดกรองเป็นกลุ่มเสี่ยงตามเป้าหมาย ผู้ป่วย 311 ราย และ 63 ราย จากผู้ป่วยทั้งหมด 374 ราย ได้รับการวินิจฉัยว่ามีเชื้อวัณโรคเชิงรุก และวัณโรคเชิงรับในช่วงเวลาการรายงานที่ผ่านมา มีผู้ป่วยที่เป็น MDRTB 18 ราย ในช่วงเวลานี้ ผู้ป่วย 327 ราย ได้ลงทะเบียนเข้ารับการรักษาวัณโรคตามปกติ ผู้ป่วยวัณโรค 13 ราย ได้ถูกส่งตัวไปรักษาต่อ สัดส่วนจำนวนแบคทีเรียในวัณโรคปอดเชิงบวก และเชิงลบ และวัณโรคปอดพิเศษ คิดเป็น 48.3%, 43%, และ 8% ตามลำดับ 31.8% คิดเป็นเพศหญิง และ 68.2% คิดเป็นเพศชาย 15.6% เป็นผู้ป่วยที่มีอายุน้อยกว่า 15 ปี และ 6.4% เป็นผู้ป่วยที่มีอายุต่ำกว่า 5 ปี ผู้ป่วยเด็กอายุต่ำกว่า 5 ปี 33 ราย ได้รับการป้องกันการดื้อยา Isonizid หลังจากที่ได้ติดต่อกับผู้ป่วยวัณโรค ตรวจพบผู้ป่วยที่เป็น MDRTB ทั้งหมด 18 ราย, 15 รายลงทะเบียนเข้ารับการรักษา, 1 รายถูกส่งตัวไปยังประเทศไทย, 2 ราย เสียชีวิตก่อนที่จะได้รับยา.rักษา (1 ในนั้นเป็นผู้ป่วย MDRTB และ HIV

ร่วม) การให้คำปรึกษาและตรวจผู้ป่วยในเรื่อง HIV คิดเป็น 100% และพบผู้ป่วย HIV คิดเป็น 22% (73/327 ราย) นอกจากนี้ ผู้ป่วยที่ติดเชื้อร่วม TB/HIV ได้รับยา Cotrimoxazole และอีก 62(85%) ราย ได้รับยาต้านไวรัสเอดส์ นอกจากนี้ ผู้ป่วยวัณโรค 13 รายได้รับการวินิจฉัยว่ามีเชื้อ HIV ที่ได้รับยาต้านไวรัสเอดส์ซึ่งกัน

ผลลัพธ์ของผู้ป่วยวัณโรคจากการศึกษาในปีที่ผ่านมา (ตุลาคม 2559 - กันยายน 2560) คิดเป็น 85.6% (283/331) - อัตราความสำเร็จ 4.3% (14/327) - อัตราการขาดยา 6.3% (21/331) - อัตราการตาย, 2.1% (7/331) - อัตราความล้มเหลว, 1.8% (6/331) - โอนออกและ 0.7% (2/331)

ในช่วงปีงบประมาณนี้ SMRU ได้รับช่วงต่อการรักษาวัณโรคจาก PUI ในค่ายผู้ลี้ภัยของ Maela, Nupoe และ Umpiem ในช่วงไตรมาสสุดท้ายของปีและส่งมอบงานใหม่ให้กับองค์กรพัฒนาเอกชนอื่นในปี พ.ศ. 2017

SMRU ได้ติดตามผลการรักษาผู้ป่วยวัณโรคกังกลุ่มจากค่ายผู้ลี้ภัย Maela ตั้งแต่เดือนกรกฎาคมถึงเดือนกันยายน กิจกรรมนี้รวมถึงผู้ป่วยกังหมดที่ได้รับการวินิจฉัยและลงทะเบียนเรียนจากกิจกรรมการตรวจคัดกรองที่ได้รับการดำเนินการในปี 2016 กังหมดในค่ายผู้ลี้ภัย Maela ภายใต้การประสานงานของ SMRU และ PUI จนถึง PUI ออกใบเดือนกันยายนปี 2016

ผู้ป่วยที่ได้รับการวินิจฉัยว่าเป็นโรควัณโรค 214 รายได้รับการลงทะเบียนในปีพ.ศ. 2560 และได้รับการติดตามการรักษาในปีพ.ศ. 2560 ซึ่งรวมถึงผู้ป่วยวัณโรคที่ได้รับการวินิจฉัยว่าเป็นมะเร็งปอดจำนวน 151 ราย

ผลการศึกษาของกลุ่มผู้ลี้ภัยในกลุ่มผู้ป่วยวันโรคนี้เท่ากับ 93% สำหรับอัตราความสำเร็จในการรักษา (199/214), 1.4% อัตราการเสียชีวิต (3/214), 4.6% ไม่ márับการรักษา (10/214), 2 รายส่งต่อการรักษาและไม่มีความลับเหลวและไม่มีการปรับการรักษา

4. การศึกษาวิจัยการควบคุมมาลาเรียร่วมกับองค์กรพัฒนาเอกชนอื่นๆ

การประชุมสัมมนาประจำปี ของหน่วยวิจัยมาลาเรียโซกอล จัดขึ้นเมื่อวันที่ ๒๘ มิถุนายน ๒๕๕๔ มีผู้เข้าร่วมการประชุม ๑๑๑ คน โดยเป็นการประชุมร่วมกับหน่วยงานภาครัฐ และองค์กรพัฒนาเอกชนต่างๆ เพื่อแลกเปลี่ยนข้อมูล

ประสบการณ์ในสถานการณ์ต่างๆของโรคตามแนวชายแดนในกลุ่มประชากรผู้ข้ามดอกราชอาณาเขตตามแนวชายแดนไทย-พม่า มีการนำเสนองานต่างๆ เช่น การรักษาผู้ป่วยมาลาเรีย เชื้อ *P. falciparum* , การรักษาผู้ป่วยมาลาเรีย เชื้อ *P. vivax* โดยเฉพาะอย่างยิ่ง ในผู้อพยพทั้งในศูนย์และนอกศูนย์อพยพ โครงการการขัดเชื้อมาลาเรียต่างๆ การดำเนินงานของโครงการ การบริหารจัดการยาและการควบคุมการระบาดของโรคมาลาเรีย ความปลอดภัยในการใช้ยา Artemisinin ใบไตรมาสแรก

สำหรับหัวข้ออื่นๆในการประชุม ได้แก่ โครงการวัณโรคของ SMRU ในเขตชายแดน การตรวจคัดกรองวันโรคและการควบคุมโรคในเขตพื้นที่อพยพ การควบคุม TB/HIV ในชุมชนที่อยู่นอกศูนย์อพยพ การระบาดของโรคบิดซิเกลลาในศูนย์อพยพอุบมเปี้ยน การกู้ชีพการกрайแรกเกิด ภาวะซึมเศร้าและการฆ่าตัวตายในสตรีตั้งครรภ์ ไข้หวัดในสตรีตั้งครรภ์ และการจัดการการเจ็บป่วยของเด็กในเขตพื้นที่

กั้งนี้

การนำเสนอ

เป็นคนดำเนินการวิจัยของหน่วยวิจัยมาลารีย์โซกอลและเพทก์และผู้ดำเนินการสารานุสูขจากองค์กรพัฒนาเอกชนต่างๆ กั้งไถยและพม่า





บทสรุป

รายงานการดำเนินงานและสกัดประกอบก็แนบมาได้ซึ่งให้เห็นว่าการดำเนินงานของหน่วยวิจัยมาลารีฯ เป็นไปตามแผนที่วางไว้ ไม่มีปัญหาอุปสรรคสำคัญใดๆ ในด้านบุคคลากรหน่วยวิจัยฯ หรือมีปัญหาขัดแย้งบุคคลากรที่มีหักเบะในงานวิจัยเนื่องจากพนักงานจำนวนมากได้เดินทางไปตั้งถิ่นฐานในประเทศกีฬาม

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Malaria Cases in Mawker Thai-Munruchai-Wang Pa-Mae Kon Khen-Thay Ka Ya-Mae Ku Luang (by Species)

Note:

1. Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009
2. Mix cases are counted as both PF and PV.
3. 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 PFG	Total PYG	Total PMG	Total POG	Patient	Malaria(Pf)		Severe Malaria(Pf)		Cerebral Malaria		Others	PFG	PV	PM	PO	Mix	Number of blood transfusion	Mas3	Mas7	A7/D7	A7	As5	COA	SQ7	Q7D7	Q7T7	Q7C7	A7/C7	CHQ3	ATK3	DP	MAS3+PRQ	ASAV	ChQ+PRQ	OZ+MAS3	OZ+CHQ+PMQ	AS4+3tDP	DP+PMQ	AMQ	AS+MAS3	PMQ	DP+AS+PMQ	Qu+Asiv+DP+PMQ	Presumptive	Self Treatment	Total
												<4%	>4%	<4%	>4%	<4%	>4%																																				
Mawker Thai	4086	146	3940	1	143	2	0	0	116	2	0	712	0	0	0	0	0	0	703	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	145															
Munruchai	908	24	884	0	24	0	0	2	20	0	0	571	0	0	0	0	0	0	529	0	42	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24													
Wang Pa	3878	257	3621	1	256	0	0	0	182	0	0	571	0	0	0	0	0	0	529	0	42	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	256														
Total	8872	427	8445	2	423	2	0	2	318	2	0	1283	0	0	0	0	0	0	1232	0	51	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	425														

Treatment KEY
 Mas3=Mefloquine 25mg/kg x 3D
 Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D
 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
 QTd7=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 + Piperaquine 12.8mg/kg x 3D
 MASF=Fixed artemesunate 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
 CHO+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=Duccotexin 3 mg/kg x 2D
 AMQ=Amodiaquine 10 mg/kg/day x 3D

Reporting Period	
Month 1	01/10/2016
Month 2	01/11/2016
Month 3	01/12/2016
Month 4	01/01/2017
Month 5	01/02/2017
Month 6	01/03/2017
Month 7	01/04/2017
Month 8	01/05/2017
Month 9	01/06/2017
Month 10	01/07/2017
Month 11	01/08/2017
Month 12	01/09/2017

**PFT+PVT" are counted both as pf and pv

**trophozoite+gameteocyte" are counted as both trophozoite and gameteocyte

**pfg+pvg" are counted as both pfg and pvg

**pft+other = pft mix with pmt or pot

**pvt+other = pvt mix with pmt+pot

		Outcome of pregnancy															
		Site		alive	alive (%)	stillbirth	stillbirth (%)	abortions	abortions (%)	Caesarean section	Caesarean section(%)	Number of premature	Number of premature (%)	Weight		Total	
Singleton Delivery	Mawker Thai	806	99%	8	1%	61	7%	47	6%	55	7%	6	91	12%	715	2	814
	Wang Pa	752	99%	9	1%	86	11%	52	7%	62	8%	8	88	13%	661	2	761
Multiple Delivery	Mawker Thai	10	83%	2	17%	4	33%	0	0%	0	0%	1	7	67%	2	0	12
	Wang Pa	22	100%	0	0%	3	14%	0	0%	0	0%	2	15	77%	5	0	22
Total		1590	99%	19	1%	154	10%	99	6%	117	7%	17	201	14%	1383	4	1609

Place of outcome													
		Site	Unit	(%)	Home	(%)	Hospital	(%)	Others	(%)	Un-known	(%)	Total
Delivery	Mawker Thai	645	78%	86	10%	89	11%	6	1%	0	0%	0	826
	Wang Pa	669	85%	50	6%	56	7%	8	1%	0	0%	0	783
Abortion	Mawker Thai	41	69%	11	19%	6	10%	1	2%	0	0%	0	59
	Wang Pa	74	80%	9	10%	9	10%	1	1%	0	0%	0	93
Total		1429	81%	156	9%	160	9%	16	1%	0	0%	0	1761

Other			
Site	Maternal death	Defaulters (Move/Lost)	Tetanus(%)
Mawker Thai	2	366	75
Wang Pa	1	370	74

sources of register pregnant women			
Site	Burma resident	Thailand resident	Total
Mawker Thai	591	1126	1717
Wang Pa	1186	438	1624
Total	1777	1564	3341

MUAC (Mid-Upper Arm Circumference)	Registered	Individual women follow	New	Outcome	Defaulter (Move/Lost)
< 21	62	61	48	31	13
> 21	3258	3221	2459	1809	723
<23	414	404	314	85	85

KEYS
ANC: Antenatal clinic
Registered: Total registered last week of month(lab list)
Present: At least one attendance in the month
Absent: No attendance in the month
New: First ANC attendance for this pregnancy
Anemia: % of women with hct<30% at least once in the month
Consultation: Total consultations in the month
Tetanus: No. of delivered women who have >T3 completed.
Defaulters: Lost/move/go to work/Not pregnant.
MUAC: Middle Upper Arm Circumference

Month	Number of birth certificates	Number of female sterilization
Mawker Thai	659	26
Wang Pa	655	24

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**"trophozoite+gameteocyte" are counted as both trophozoite and gameteocyte

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Condition of the referrals		
Diagnosis	MKT	WPA
Abortion (complete)	0	1
Abortion (incomplete)	0	1
Abortion (septic)	1	1
Abscess	0	1
Acute abdominal pain	1	1
APH (placenta abruption)	0	1
APH (placenta praevia)	3	7
Bleeding	1	1
Booked CS (pl/rf)	14	3
Breech version (successful)	1	0
Breech version (unsuccessful)	0	1
Cervical tear	0	1
Chorioamnionitis	0	1
CPD	4	6
Ectopic	4	0
Failure to progress	4	7
Fetal Distress	4	1
Fetal distress (pl/rf)	0	3
Fever DK	1	0
Follow up chronic problem	0	8
Heart Failure	10	1
High BP	1	0
High BP (eclampsia)	1	0
High BP (PIH(pregnancy induced hypertension))	0	1
High BP (pre-eclampsia)	1	0
Macrosomia (pl/rf)	1	0
MAL (B). Breech (pl/rf)	0	6
MAL (E). Footling breech (pl/rf)	0	7
Malpresentation (Face)	0	1
Molar pregnancy	7	18
Murmur	7	0
Others	70	35
Placenta Pravious	2	0
Placental accreta (pl/rf)	0	1
Polyhydramnios (pl/rf)	0	1
Post-term (pl/rf)	5	3
PPH (primary)	2	0
Previous C-section	0	10
Pregnancy	1	0
Preterm labour	0	1
Prolonged second stage (pl/rf)	2	5
Pulmonary embolus-Suspected (pl/rf)	0	3
Retained Placenta (whole)	1	5
Ruptured uterus (pl/rf)	0	2
Septic Shock	0	1
Severe per-eclampsia	4	3
Twin-Failure of delivery of 2nd twin to deliver (pl/rf)	0	1
Twin-malpresentation (pl/rf)	0	1
Total	153	151

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

Mawker Thai (from 01 Oct 2016 - 30 Sep 2017)

Month	Species														Gametocyte																
	Neg	PFT	PFT+OTHER	PFT+PVT	PFT+PVG	PFT+PFG	PFT+PVG	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG	PFT+PFG+PVG	PFT+PVG	PFT+PVG+PFG	PFT+PVG+PVG	PFT+PVG+PFG	PFT+PVG+PFG	PFT+PVG	PFT+PVG+PFG	PFT+PVG+PFG	PFT+PVG+PFG	PFT+PVG+PFG	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG	
Oct-16	347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347	0	7	0	0	0	0	7	0	
Nov-16	234	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	234	0	13	0	0	0	0	11	0	
Dec-16	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0	5	0	0	0	0	5	0	
Jan-17	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162	0	10	0	0	0	0	5	0	
Feb-17	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	6	125	0	6	0	0	0	5	0
Mar-17	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242	2	240	0	2	0	0	0	2	0
Apr-17	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	193	4	193	0	4	0	0	0	3	0
May-17	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	268	11	257	0	11	0	0	0	10	0
Jun-17	542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	568	26	542	0	25	1	0	0	20	1
Jul-17	616	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	639	23	616	1	22	0	0	0	19	0
Aug-17	559	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	582	23	559	0	22	1	0	0	18	1
Sep-17	485	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	501	16	485	0	16	0	0	0	11	0
Total	3940	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4086	146	3940	1	143	2	0	0	116	2	

Month	Treatment														Presumptive	Self Treatment	Total													
	Mas3	Mas7	A7D7	A7	AS5	COA	SQ7	Q7D7	Q7T7	Q7C7	A7C7	CHQ3	ATK3	MASF	MEF	MASL	PA	DP	MAS3+PRQ	AS+IV	CHQ+PRQ	OZ+MAS3	OZ+CHQ+PMQ	AS4.3+DP	DP+PMQ	AMQ	AS+MAS3	PMQ	DP+AS+PMQ	Qiv+Asiv+DP+PMQ
Oct-16	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-16	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-17	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-17	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-17	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-17	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-17	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-17	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul-17	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	18	0	0	0	0	1	0	0	0	0
Aug-17	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0
Sep-17	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0	53	0	0	0	1	0	0	1	0	0	0	14

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*"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**

IPD Site	Patient	Malaria(pf)				Severe Malaria(pf)				Cerebral Malaria				Others	PFG	PV	PM	PO	Mix	Number of blood transfusion
		<4%	>4%	<4%	>4%	<4%	>4%													
Oct-16	78	0	0	0	0	0	0	77	0	1	0	0	0							1
Nov-16	46	0	0	0	0	0	0	44	0	2	0	0	0							1
Dec-16	44	0	0	0	0	0	0	44	0	0	0	0	0							0
Jan-17	32	0	0	0	0	0	0	32	0	0	0	0	0							0
Feb-17	41	0	0	0	0	0	0	41	0	0	0	0	0							0
Mar-17	73	0	0	0	0	0	0	73	0	0	0	0	0							0
Apr-17	52	0	0	0	0	0	0	52	0	0	0	0	0							1
May-17	43	0	0	0	0	0	0	40	0	3	0	0	0							1
Jun-17	81	0	0	0	0	0	0	81	0	0	0	0	0							3
Jul-17	89	0	0	0	0	0	0	88	0	1	0	0	0							2
Aug-17	61	0	0	0	0	0	0	61	0	0	0	0	0							0
Sep-17	72	0	0	0	0	0	0	70	0	2	0	0	0							0
Total	712	0	0	0	0	0	0	703	0	9	0	0	0							9

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 + Piperaquine12.8mg/kg x 3D
 MASF=Fixed 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
 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 gameteocyte

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**"pft+other = pft mix with pmt or pot

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Month	Neg									PF									PV									Total Positive	Total Test	%NEG			%PF			%PV										
	<5 y			5-15 y			>15 y			Total Neg	<5 y			5-15 y			>15 y			Total PF	<5 y			5-15 y			>15 y			Total PV	Total Test															
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	<5 Y	5-15 Y	>15 Y	< 5Y	5-15 Y	> 15Y														
Oct-16	71	79	150	39	40	79	56	62	118	347	0	0	0	0	0	0	0	0	0	3	0	3	2	1	3	0	1	1	7	354	43.2	22.8	34.0	0.0	0.0	0.0	42.9	42.9	14.3							
Nov-16	41	47	88	18	16	34	49	63	112	234	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5	4	4	8	13	13	247	37.6	14.5	47.9	0.0	0.0	0.0	38.5	61.5						
Dec-16	43	24	67	17	15	32	35	46	81	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	5	185	37.2	17.8	45.0	0.0	0.0	0.0	40.0	60.0						
Jan-17	28	31	59	17	16	33	32	38	70	162	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5	8	10	10	172	36.4	20.4	43.2	0.0	0.0	0.0	20.0	80.0						
Feb-17	31	29	60	7	16	23	12	30	42	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	131	48.0	18.4	33.6	0.0	0.0	0.0	33.3	66.7							
Mar-17	74	58	132	21	22	43	27	38	65	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	2	242	55.0	17.9	27.1	0.0	0.0	0.0	50.0	50.0							
Apr-17	61	36	97	19	18	37	29	30	59	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	197	50.3	19.2	30.6	0.0	0.0	0.0	50.0	50.0						
May-17	64	55	119	36	26	62	47	29	76	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	5	2	7	11	11	268	46.3	24.1	29.6	0.0	0.0	0.0	36.4	63.6	
Jun-17	110	89	199	90	76	166	76	101	177	542	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5	5	10	8	5	13	25	25	567	36.7	30.6	32.7	0.0	0.0	0.0	8.0	40.0	52.0		
Jul-17	121	90	211	97	89	186	100	119	219	616	0	0	0	0	0	0	0	1	0	1	1	1	2	5	4	9	9	2	11	22	23	639	34.3	30.2	35.6	0.0	0.0	0.0	100.0	9.1	40.9	50.0				
Aug-17	133	102	235	82	63	145	94	85	179	559	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5	1	6	5	10	15	22	22	581	42.0	25.9	32.0	0.0	0.0	0.0	4.5	27.3	68.2		
Sep-17	124	83	207	55	58	113	86	79	165	485	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1	1	2	8	3	11	16	16	501	42.7	23.3	34.0	0.0	0.0	0.0	18.8	12.5	68.8		
TOTAL	901	723	1624	498	455	953	643	720	1363	3940	0	0	0	0	0	1	0	1	1	7	4	11	29	19	48	51	33	84	143	144	4084	41.2	24.2	34.6	0.0	0.0	0.0	100.0	7.7	33.6	58.7					

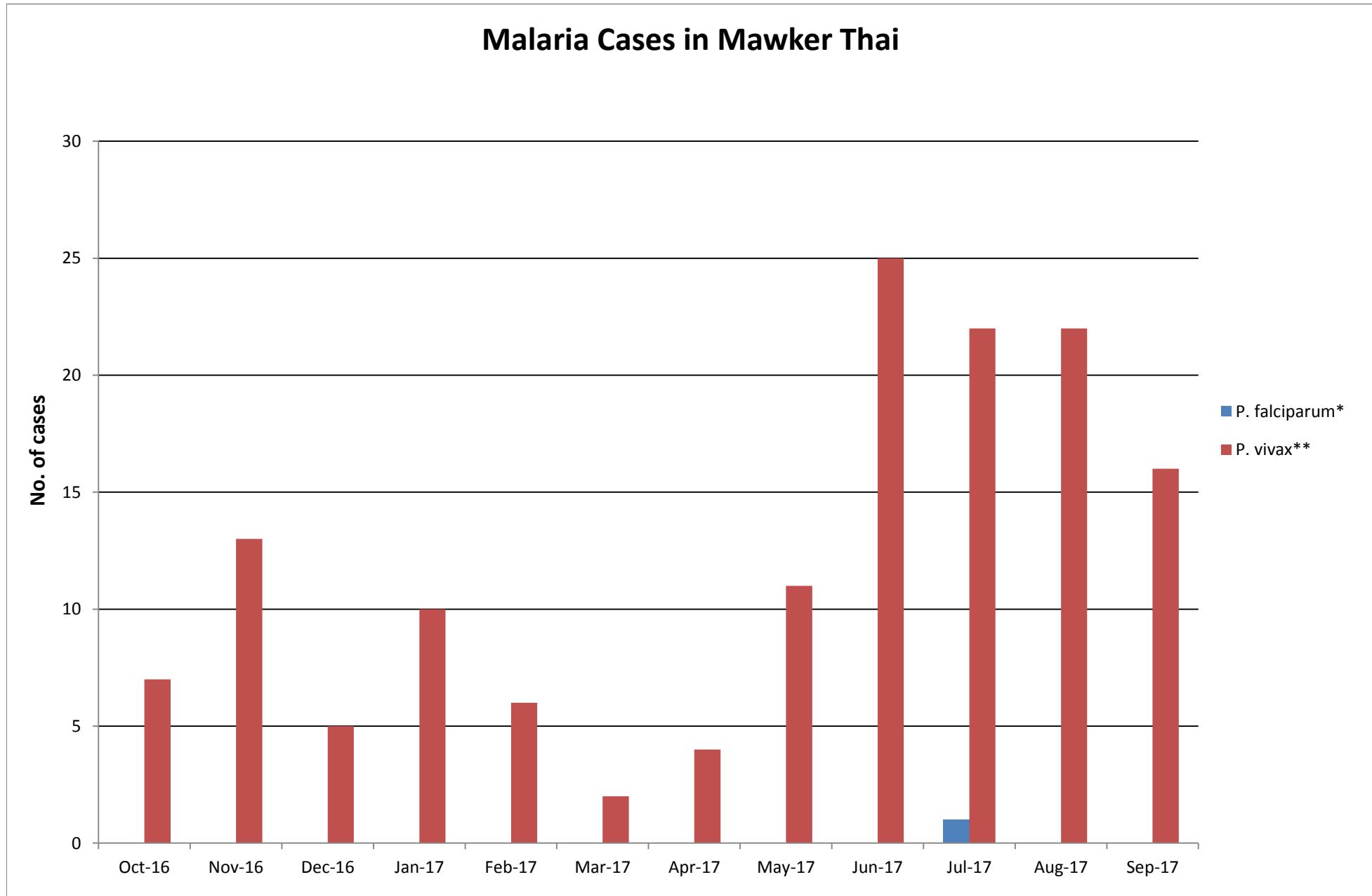
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**pvt+other = pvt mix with pmt+pot



Munruchai (from 01 Oct 2016 - 30 Sep 2017)

Month	Species														Gametocyte																	
	Neg	PFT	PFT+OTHER	PFT+PVT	PFT+PFG	PFT+PVG	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PFG+PVG	PFT+PFG+PVG	PFT+PVG	PFT+PFG	PFT+OTHER	PFT+PVG	PFT+PFG	PFT+PVG+PFG	PFT+PVG	PMT	PMT+PM/G	PM/G	PM/G	POT	POT+POG	POG	Total Test	Total Positive	Total Neg	Total PF	Total PV	Total PFG	Total PV/G	Total PM/G
Oct-16	82	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	85	3	82	0	3	0	0	0	3	0	0			
Nov-16	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	0	57	0	0	0	0	0	0	0	0			
Dec-16	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	1	45	0	1	0	0	0	1	0	0			
Jan-17	35	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	37	2	35	0	2	0	0	0	2	0	0			
Feb-17	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28	0	0	0	0	0	0	0	0			
Mar-17	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	37	0	0	0	0	0	0	0	0			
Apr-17	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0	42	0	0	0	0	0	0	0	0			
May-17	56	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	59	3	56	0	3	0	0	0	3	0	0			
Jun-17	92	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	98	6	92	0	6	0	0	0	6	0	0			
Jul-17	153	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	157	4	153	0	4	0	0	0	3	0	0			
Aug-17	144	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	146	2	144	0	2	0	0	2	0	0	0			
Sep-17	113	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	116	3	113	0	3	0	0	0	2	0	0			
Total	884	0	0	0	0	0	0	0	0	2	0	20	2	0	0	0	0	0	908	24	884	0	24	0	0	2	20	0	0			

Month	Treatment																												
	Mas3	Mas7	A7D7	A7	AS5	COA	SQ7	Q7D7	Q7T7	Q7C7	ATK3	CHQ3	MASF	MEF	MAS3+PRQ	AS/IV	PA	DP	DP+MAS3	OZ+CHO+PMQ	AS4.3+DP	DP+PMQ	AMQ	AS+MAS3	PMQ	DP+AS+PMQ	Qiv+Asiv+DP+PMQ	Presumptive	Self Treatment
Oct-16	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Nov-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dec-16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Jan-17	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Feb-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mar-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Apr-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May-17	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Jun-17	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Jul-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	
Aug-17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	
Sep-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	
Total	0	0	0	0	0	0	0	0	0	0	16	0	8	0	0	0	0	0	0	24									

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
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 COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)
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 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 + Piperaquine 12.8mg/kg x 3D
 MAS=Fixed 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
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**PFT+PVT" are counted both as pf and pv

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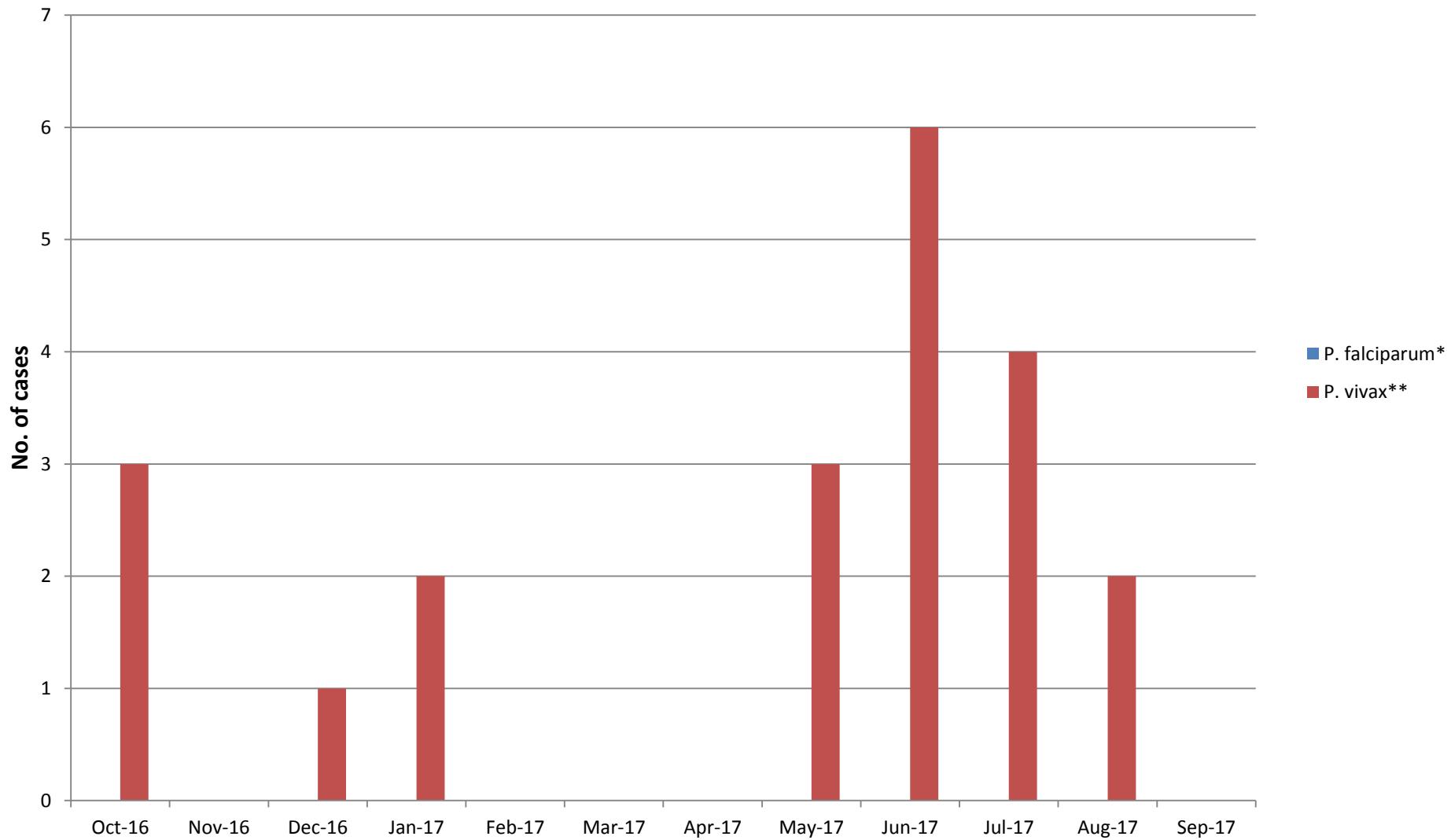
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***"pvt+other = pvt mix with pmt+pot**

Malaria Cases in Munruchai



Wang Pa (from 01 Oct 2016 - 30 Sep 2017)

Month	Species															Gametocyte															
	Neg	PFT	PFT+OTHER	PFT+PVT	PFT+PFG	PFT+PVG	PFT+PVT+PFG	PFT+PVG	PFT+PVT+PFG+PVG	PFT+PVG+PFG	PFT+PVG+PG	PFT+PVG+PVG	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG	Total POG										
Oct-16	320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nov-16	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Dec-16	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jan-17	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Feb-17	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mar-17	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Apr-17	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
May-17	215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jun-17	434	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jul-17	602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aug-17	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sep-17	359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	3621	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3878	257	3621	1	256	0	0	0	182	0	0

Month	Treatment																															
	Mas3	Mas7	A7D7	A7	AS5	COA	SQ7	Q7D7	Q7T7	Q7C7	A7/C7	CHQ3	ATK3	MASF	MEF	IMASL	PA	DP	MASS3+PRQ	AS/IV	CHQ+PRQ	OZ+MAS3	OZ+CHQ+PMQ	AS4.3+DP	DP+PMQ	AMQ	AS+MAS3	PMQ	DP+AS+PMQ	QIV+ASIV+DP+PMQ	Presumptive	Self Treatment
Oct-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	21			
Nov-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11			
Dec-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10			
Jan-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18			
Feb-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			
Mar-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8			
Apr-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16			
May-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24			
Jun-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58			
Jul-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38			
Aug-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24			
Sep-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25			
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0	4	0	0	1	0	0	0	256	

*"PFT+PVT" are counted both as pf and pv

**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

***"pfg+pvg" are counted as both pfg and pvg

****"pft+other = pft mix with pmt or pot

*****"pvt+other = pvt mix with pmt+pot

IPD	Site	Patient	Malaria(pt)						Others	PFG	PV	PM	PO	Mix	Number of blood transfusion							
			Severe Malaria(pt)		Cerebral Malaria																	
			<4%	>4%	<4%	>4%	<4%	>4%														
Oct-16	45	0	0	0	0	0	0	0	43	0	2	0	0	0	1							
Nov-16	32	0	0	0	0	0	0	0	29	0	3	0	0	0	1							
Dec-16	22	0	0	0	0	0	0	0	22	0	0	0	0	0	1							
Jan-17	40	0	0	0	0	0	0	0	39	0	1	0	0	0	3							
Feb-17	38	0	0	0	0	0	0	0	38	0	0	0	0	0	2							
Mar-17	26	0	0	0	0	0	0	0	25	0	1	0	0	0	3							
Apr-17	35	0	0	0	0	0	0	0	35	0	0	0	0	0	5							
May-17	45	0	0	0	0	0	0	0	40	0	5	0	0	0	1							
Jun-17	72	0	0	0	0	0	0	0	58	0	14	0	0	0	3							
Jul-17	71	0	0	0	0	0	0	0	66	0	5	0	0	0	1							
Aug-17	64	0	0	0	0	0	0	0	62	0	2	0	0	0	0							
Sep-17	81	0	0	0	0	0	0	0	72	0	9	0	0	0	1							
Total	571	0	0	0	0	0	0	0	529	0	42	0	0	0	22							

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 + Piperaquine12.8mg/kg x 3D

MASF=Fixed 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 mkg/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=Duocotexin 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 gameteocyte

**"pfg+pvg" are counted as both pfg and pvg

**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot

Month	Neg									PF									PV									Total Positive	Total Test	%NEG			%PF			%PV						
	<5 y			5-15 y			>15 y			Total Neg	<5 y			5-15 y			>15 y			Total PF	<5 y			5-15 y			>15 y			Total PV	Total Test	<5 Y	5-15 Y	>15 Y	<5 Y	5-15 Y	>15 Y	<5 Y	5-15 Y	>15 Y		
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total			<5 Y	5-15 Y	>15 Y	<5 Y	5-15 Y	>15 Y	<5 Y	5-15 Y	>15 Y		
Oct-16	70	66	136	21	40	61	52	71	123	320	0	0	0	0	0	0	0	0	0	1	1	4	2	6	6	8	14	21	21	341	42.5	19.1	38.4	0.0	0.0	0.0	4.8	28.6	66.7			
Nov-16	33	48	81	22	28	50	44	29	73	204	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	5	8	11	11	215	39.7	24.5	35.8	0.0	0.0	0.0	9.1	18.2	72.7			
Dec-16	18	29	47	14	17	31	32	26	58	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	5	2	7	10	10	146	34.6	22.8	42.6	0.0	0.0	0.0	30.0	30.0	70.0
Jan-17	38	33	71	20	15	35	28	22	50	156	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	9	5	14	18	18	174	45.5	22.4	32.1	0.0	0.0	0.0	5.6	16.7	77.8	
Feb-17	47	42	89	9	10	19	25	35	60	168	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	0	0	3	3	171	53.0	11.3	35.7	0.0	0.0	0.0	33.3	66.7	0.0		
Mar-17	39	50	89	14	15	29	16	26	42	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	3	5	8	8	168	55.6	18.1	26.3	0.0	0.0	0.0	37.5	62.5	0.0	
Apr-17	57	51	108	7	9	16	20	23	43	167	0	0	0	0	0	0	0	0	0	0	2	1	3	3	2	5	2	6	8	16	16	183	64.7	9.6	25.7	0.0	0.0	0.0	18.8	31.3	50.0	
May-17	64	47	111	25	19	44	24	36	60	215	0	0	0	0	0	0	0	0	0	3	0	3	4	5	9	3	9	12	24	24	239	51.6	20.5	27.9	0.0	0.0	0.0	12.5	37.5	50.0		
Jun-17	105	97	202	48	44	92	58	82	140	434	0	0	0	0	0	0	0	1	0	1	1	4	1	5	16	13	29	8	15	23	57	58	492	46.5	21.2	32.3	0.0	0.0	100.0	8.8	50.9	40.4
Jul-17	133	112	245	92	78	170	75	112	187	602	0	0	0	0	0	0	0	0	0	4	3	7	9	5	14	9	8	17	38	38	640	40.7	28.2	31.1	0.0	0.0	0.0	18.4	36.8	44.7		
Aug-17	156	116	272	90	97	187	125	116	241	700	0	0	0	0	0	0	0	0	0	1	1	2	6	5	11	4	8	12	25	25	725	38.9	26.7	34.4	0.0	0.0	0.0	8.0	44.0	48.0		
Sep-17	86	81	167	32	33	65	66	61	127	359	0	0	0	0	0	0	0	0	0	4	1	5	3	5	8	4	8	12	25	25	384	46.5	18.1	35.4	0.0	0.0	0.0	20.0	32.0	48.0		
TOTAL	846	772	1618	394	405	799	565	639	1204	3621	0	0	0	0	0	1	0	1	1	21	8	29	51	44	95	55	77	132	256	257	3878	44.7	22.1	33.3	0.0	0.0	100.0	11.3	37.1	51.6		

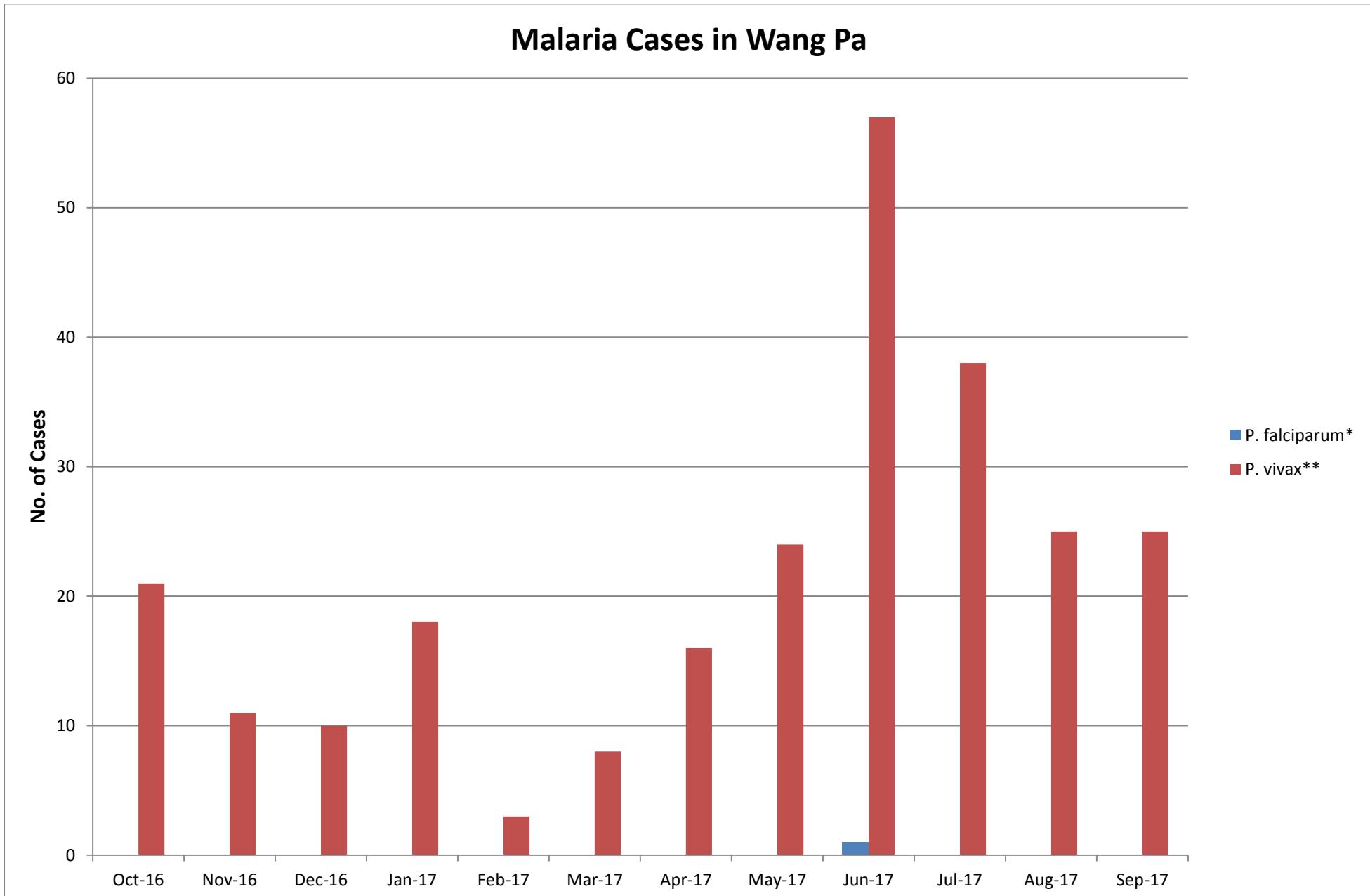
**PFT+PVT" are counted both as pf and pv

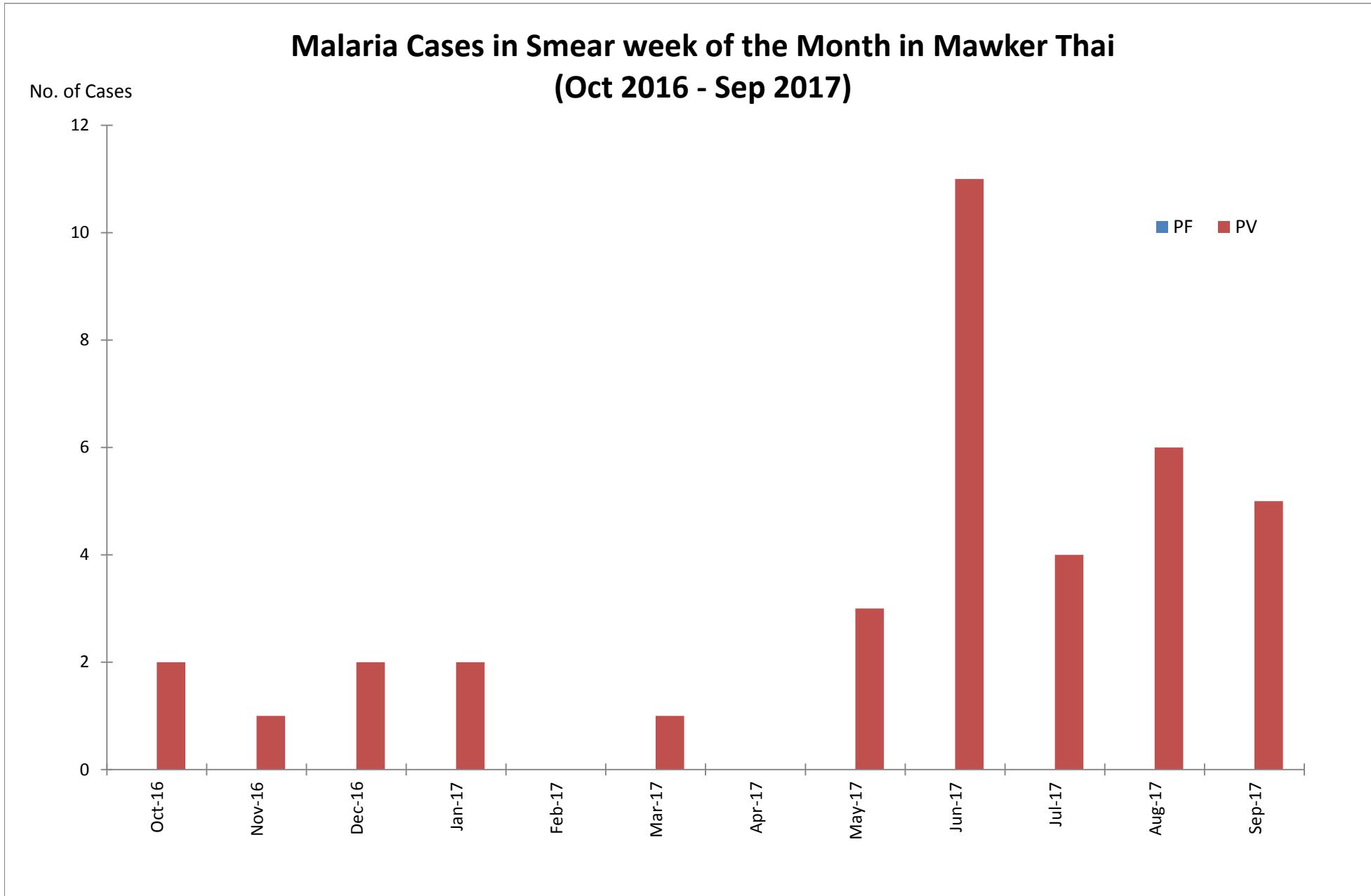
**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

**"pfg+pvg" are counted as both pfg and pvg

**pft+other = pft mix with pmt or pot

**pvt+other = pvt mix with pmt+pot





Mawker Thai stat from OPD Log Book :Oct 2016												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVG	TOTAL
Oct-16	less than 5	M	17	0	0	0	0	0	0	0	0	17
	less than 5	F	24	0	0	0	0	0	0	0	0	24
	5-15	M	14	0	0	0	0	0	0	0	0	14
	5-15	F	8	0	0	0	0	0	0	0	0	8
	greater than 15	M	23	0	0	0	0	0	0	0	0	23
	greater than 15	F	14	0	0	0	0	0	0	0	0	14
Total			100	0	0	0	0	0	0	2	0	102

Mawker Thai stat from OPD Log Book : Nov 2016												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVG	TOTAL
Nov-16	less than 5	M	12	0	0	0	0	0	0	0	0	12
	less than 5	F	13	0	0	0	0	0	0	0	0	13
	5-15	M	8	0	0	0	0	0	0	0	0	8
	5-15	F	6	0	0	0	0	0	0	0	0	6
	greater than 15	M	15	0	0	0	0	0	0	0	0	15
	greater than 15	F	20	0	0	0	0	0	0	0	0	20
Total			74	0	0	0	0	0	0	1	0	75

Mawker Thai stat from OPD Log Book : Dec 2016												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVG	TOTAL
Dec-16	less than 5	M	11	0	0	0	0	0	0	0	0	11
	less than 5	F	9	0	0	0	0	0	0	0	0	9
	5-15	M	3	0	0	0	0	0	0	0	0	3
	5-15	F	3	0	0	0	0	0	0	0	0	3
	greater than 15	M	6	0	0	0	0	0	0	0	0	6
	greater than 15	F	12	0	0	0	0	0	0	0	0	12
Total			44	0	0	0	0	0	0	2	0	46

*"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

Mawker Thai stat from OPD Log Book :Jan 2017												
Jan-17												
	less than 5	M	7	NEG								
	less than 5	F	5	0	PFT							
	5-15	M	3	0	0	0	0	0	PFT+PFG			
	5-15	F	3	0	0	0	0	0	PFG			
	greater than 15	M	7	0	0	0	0	0	PFT+OTHER			
	greater than 15	F	8	0	0	0	0	0	PFT+PVG			
	Total		33	0	0	0	0	0	0	0	0	35

Mawker Thai stat from OPD Log Book :Feb 2017												
Feb-17												
	less than 5	M	4	NEG								
	less than 5	F	5	0	PFT							
	5-15	M	1	0	0	0	0	0	PFT+PVT			
	5-15	F	6	0	0	0	0	0	PFT+PVT+PFG			
	greater than 15	M	8	0	0	0	0	0	PFT+PVG			
	greater than 15	F	7	0	0	0	0	0	PFT+PFG+PVG			
	Total		31	0	0	0	0	0	0	0	0	31

Mawker Thai stat from OPD Log Book :Mar 2017												
Mar-17												
	less than 5	M	13	0	0	PFT						
	less than 5	F	19	0	0	0	0	0	PFT+PVG			
	5-15	M	6	0	0	0	0	0	PFT+PVT+PFG			
	5-15	F	5	0	0	0	0	0	PFT+PVG+PFG			
	greater than 15	M	5	0	0	0	0	0	PVT			
	greater than 15	F	5	0	0	0	0	0	PVT+PFG			
	Total		53	0	0	0	0	0	0	1	0	0

*"PFT+PVT" are counted both as pf and pv

**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

**"pfg+pvg" are counted as both pfg and pvg

**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot"

Mawker Thai stat from OPD Log Book : Apr 2017												
Apr-17			NEG									
	less than 5	M	18	0	0	PFT						
	less than 5	F	15	0	0							
	5-15	M	5	0	0							
	5-15	F	3	0	0							
	greater than 15	M	4	0	0							
	greater than 15	F	7	0	0							
Total		52	0	52								
Mawker Thai stat from OPD Log Book : May 2017												
May-17			NEG									
	less than 5	M	13	0	0	PFT						
	less than 5	F	17	0	0							
	5-15	M	7	0	0							
	5-15	F	6	0	0							
	greater than 15	M	10	0	0							
	greater than 15	F	4	0	0							
Total		57	0	60								
Mawker Thai stat from OPD Log Book : Jun 2017												
Jun-17			NEG									
	less than 5	M	19	0	0	PFT						
	less than 5	F	17	0	0							
	5-15	M	12	0	0							
	5-15	F	9	0	0							
	greater than 15	M	20	0	0							
	greater than 15	F	16	0	0							
Total		93	0	105								

*"PFT+PVT" are counted both as pf and pv

**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

**"pfg+pvg" are counted as both pfg and pvg

**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot"

Mawker Thai stat from OPD Log Book : Jul 2017												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVG	PFT+PVT+PFG	PFT+PVT+PVG
Jul-17	less than 5	M	30	0	0	0	0	0	0	0	0	0
	less than 5	F	22	0	0	0	0	0	0	0	0	0
	5-15	M	30	0	0	0	0	0	0	0	0	0
	5-15	F	21	0	0	0	0	0	0	0	0	0
	greater than 15	M	26	0	0	0	0	0	0	0	0	0
	greater than 15	F	28	0	0	0	0	0	0	0	0	0
Total		157	0	0	0	0	0	0	0	0	0	162

Mawker Thai stat from OPD Log Book : Aug 2017												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVG	PFT+PVT+PFG	PFT+PVT+PVG
Aug-17	less than 5	M	36	0	0	0	0	0	0	0	0	0
	less than 5	F	33	0	0	0	0	0	0	0	0	0
	5-15	M	24	0	0	0	0	0	0	0	0	0
	5-15	F	21	0	0	0	0	0	0	0	0	0
	greater than 15	M	19	0	0	0	0	0	0	0	0	0
	greater than 15	F	23	0	0	0	0	0	0	0	0	0
Total		156	0	0	0	0	0	0	0	0	0	163

Mawker Thai stat from OPD Log Book : Sep 2017												
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVG	PFT+PVT+PFG	PFT+PVT+PVG
Sep-17	less than 5	M	29	0	0	0	0	0	0	0	0	0
	less than 5	F	29	0	0	0	0	0	0	0	0	0
	5-15	M	14	0	0	0	0	0	0	0	0	0
	5-15	F	11	0	0	0	0	0	0	0	0	0
	greater than 15	M	25	0	0	0	0	0	0	0	0	0
	greater than 15	F	21	0	0	0	0	0	0	0	0	0
Total		129	0	0	0	0	0	0	0	0	0	134

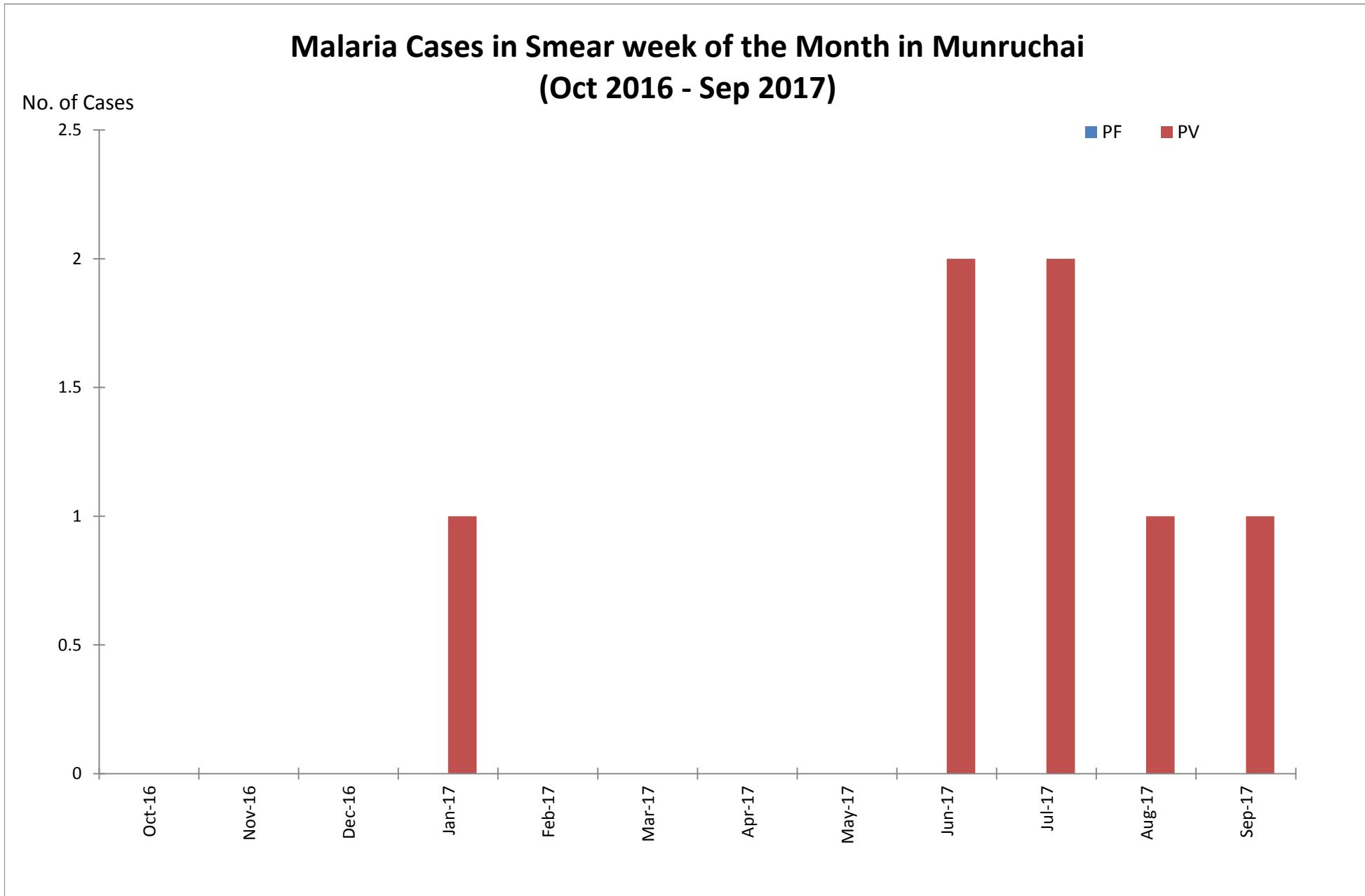
*"PFT+PVT" are counted both as pf and pv

**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

**"pfg+pvg" are counted as both pfg and pvg

**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot



		Munruchai stat from OPD Log Book :Oct 2016																				
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PFG+PVG	PFT	PFT+OTHER	PFT+PVG	PFT+PFG	PFT+PVG	PMT+PMG	POT	POT+POG	POG	TOTAL
Oct-16	less than 5 M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	less than 5 F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	5-15 M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5-15 F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	greater than 15 M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	greater than 15 F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total		13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13

		Munruchai stat from OPD Log Book :Nov 2016																				
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PFG+PVG	PFT	PFT+OTHER	PFT+PVG	PFT+PFG	PFT+PVG	PMT+PMG	POT	POT+POG	POG	TOTAL
Nov-16	less than 5 M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	less than 5 F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	5-15 M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5-15 F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	greater than 15 M	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	greater than 15 F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total		16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16

		Munruchai stat from OPD Log Book :Dec 2016																				
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PFG+PVG	PFT	PFT+OTHER	PFT+PVG	PFT+PFG	PFT+PVG	PMT+PMG	POT	POT+POG	POG	TOTAL
Dec-16	less than 5 M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	less than 5 F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5-15 M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5-15 F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	greater than 15 M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	greater than 15 F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

*"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

Munruchai stat from OPD Log Book : Mar 2017																	
Mar-17																	
	less than 5	M	8	NEG	0	PFT	0	PFT+PFG	0	PFT+OTHER	0	PFT+PVG	0	PFT+PVT	0	PFT+PVG+PFG	0
	less than 5	F	2	0	0	0	0	0	0	0	0	0	0	0	0	PFT+PVG+PFG	0
	5-15	M	0	0	0	0	0	0	0	0	0	0	0	0	0	PFT+PVG+PFG	0
	5-15	F	0	0	0	0	0	0	0	0	0	0	0	0	0	PFT+PVG+PFG	0
	greater than 15	M	1	0	0	0	0	0	0	0	0	0	0	0	0	PFT+PVG+PFG	0
	greater than 15	F	1	0	0	0	0	0	0	0	0	0	0	0	0	PFT+PVG+PFG	1
Total		12	0	0	0	0	0	0	TOTAL	8							

*"PFT+PVT" are counted both as pf and pw

*"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

*"PFT+PVT" are counted both as pf and pw

*"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**

		Munruchai stat from OPD Log Book : Jul 2017																												
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	PFT+PFG+PVG	PFT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	TOTAL
Jul-17	less than 5 M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
	less than 5 F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
	5-15 M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
	5-15 F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
	greater than 15 M	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
	greater than 15 F	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
Total		24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	26		

		Munruchai stat from OPD Log Book : Aug 2017																												
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	PFT+PFG+PVG	PFT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	TOTAL
Aug-17	less than 5 M	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
	less than 5 F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
	5-15 M	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10		
	5-15 F	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
	greater than 15 M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
	greater than 15 F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Total		37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	38		

		Munruchai stat from OPD Log Book : Sep 2017																												
		NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	PFT+PFG+PVG	PFT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	TOTAL
Sep-17	less than 5 M	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
	less than 5 F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
	5-15 M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
	5-15 F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
	greater than 15 M	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
	greater than 15 F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
Total		23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	24		

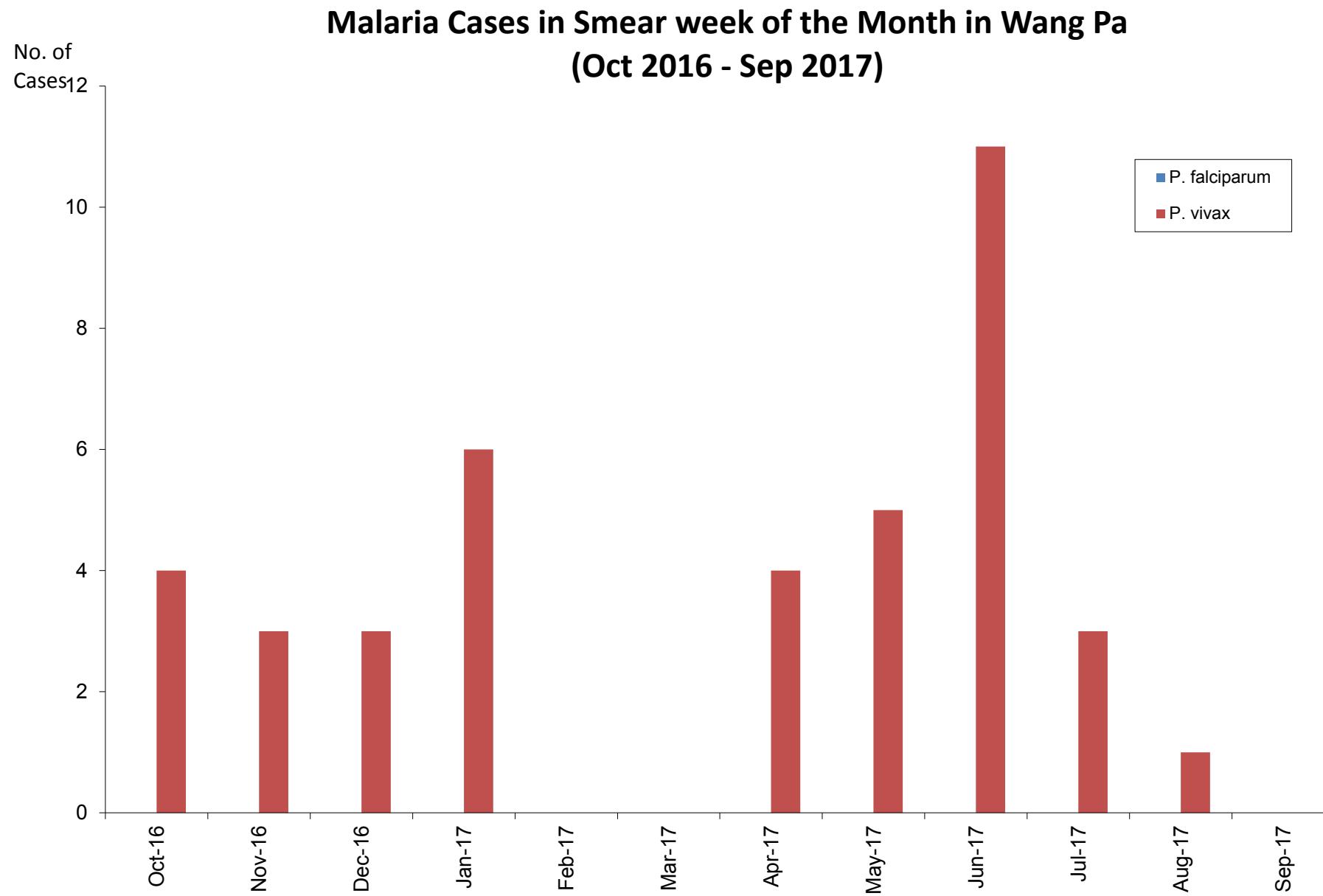
*"PFT+PVT" are counted both as pf and pv

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**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot



Wang Pa stat from OPD Log Book : Oct 2016														
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	
Oct-16	less than 5	M	12	0	0	0	0	0	0	0	0	0	0	0
	less than 5	F	23	0	0	0	0	0	0	0	0	0	0	0
	5-15	M	4	0	0	0	0	0	0	0	0	0	0	0
	5-15	F	10	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	M	13	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	F	17	0	0	0	0	0	0	0	0	0	0	0
Total			79	0	0	0	0	0	0	1	0	3	0	0
														TOTAL 83

Wang Pa stat from OPD Log Book : Nov 2016														
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	
Nov-16	less than 5	M	9	0	0	0	0	0	0	0	0	0	0	0
	less than 5	F	7	0	0	0	0	0	0	0	0	0	0	0
	5-15	M	6	0	0	0	0	0	0	0	0	0	0	0
	5-15	F	5	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	M	10	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	F	4	0	0	0	0	0	0	0	0	0	0	0
Total			41	0	0	0	0	0	0	0	0	0	0	44
														TOTAL 9

Wang Pa stat from OPD Log Book : Dec 2016														
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG	PFT+PVT+PVG+C	PFT+PVT+PFG+PVG	
Dec-16	less than 5	M	3	0	0	0	0	0	0	0	0	0	0	0
	less than 5	F	8	0	0	0	0	0	0	0	0	0	0	0
	5-15	M	2	0	0	0	0	0	0	0	0	0	0	0
	5-15	F	4	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	M	3	0	0	0	0	0	0	0	0	0	0	0
	greater than 15	F	3	0	0	0	0	0	0	0	0	0	0	0
Total			23	0	0	0	0	0	0	0	0	0	0	26
														TOTAL 3

*"PFT+PVT" are counted both as pf and pv

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**"pfg+pvg" are counted as both pfg and pvg

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**"pvt+other = pvt mix with pmt+pot

Wang Pa stat from OPD Log Book :Jan 2017											
Jan-17	less than 5	M	7	NEG	0	PFT	0	PFT+PFG	0	PFT+PVG	0
	less than 5	F	8	0	0	0	0	0	0	0	0
	5-15	M	4	0	0	0	0	0	0	0	0
	5-15	F	0	0	0	0	0	0	0	0	0
	greater than 15	M	8	0	0	0	0	0	0	0	0
	greater than 15	F	5	0	0	0	0	0	0	0	0
	Total		32	0	0	0	0	0	0	6	38

Wang Pa stat from OPD Log Book :Feb 2017											
Feb-17	less than 5	M	0	0	0	0	0	0	0	0	0
	less than 5	F	0	0	0	0	0	0	0	0	0
	5-15	M	0	0	0	0	0	0	0	0	0
	5-15	F	0	0	0	0	0	0	0	0	0
	greater than 15	M	0	0	0	0	0	0	0	0	0
	greater than 15	F	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0

Wang Pa stat from OPD Log Book :Mar 2017											
Mar-17	less than 5	M	0	NEG	0	PFT	0	PFT+PFG	0	PFT+PVG	0
	less than 5	F	0	0	0	0	0	0	0	0	0
	5-15	M	0	0	0	0	0	0	0	0	0
	5-15	F	0	0	0	0	0	0	0	0	0
	greater than 15	M	0	0	0	0	0	0	0	0	0
	greater than 15	F	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0

*"PFT+PVT" are counted both as pf and pv

**"trophozoite+gametocyte" are counted as both trophozoite and gameteocyte

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**"pvt+other = pvt mix with pmt+pot"

Wang Pa stat from OPD Log Book :Apr 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
Apr-17	less than 5	M	13	0	0	0	0	0	0	0	0
	less than 5	F	9	0	0	0	0	0	0	0	0
	5-15	M	3	0	0	0	0	0	0	0	0
	5-15	F	3	0	0	0	0	0	0	0	0
	greater than 15	M	5	0	0	0	0	0	0	0	0
	greater than 15	F	6	0	0	0	0	0	0	0	0
	Total		39	0	0	0	0	0	0	0	43

Wang Pa stat from OPD Log Book :May 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
May-17	less than 5	M	12	0	0	0	0	0	0	0	0
	less than 5	F	12	0	0	0	0	0	0	0	0
	5-15	M	6	0	0	0	0	0	0	0	0
	5-15	F	8	0	0	0	0	0	0	0	0
	greater than 15	M	10	0	0	0	0	0	0	0	0
	greater than 15	F	5	0	0	0	0	0	0	0	0
	Total		53	0	0	0	0	0	0	0	58

Wang Pa stat from OPD Log Book :Jun 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
Jun-17	less than 5	M	26	0	0	0	0	0	0	0	0
	less than 5	F	27	0	0	0	0	0	0	0	0
	5-15	M	19	0	0	0	0	0	0	0	0
	5-15	F	12	0	0	0	0	0	0	0	0
	greater than 15	M	14	0	0	0	0	0	0	0	0
	greater than 15	F	25	0	0	0	0	0	0	0	0
	Total		123	0	0	0	0	0	1	0	103

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**"pfg+pvg" are counted as both pfg and pvg

**"pft+other = pft mix with pmt or pot

**"pvt+other = pvt mix with pmt+pot"

Wang Pa stat from OPD Log Book : Jul 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
Jul-17	less than 5	M	26	0	0	0	0	0	0	0	0
	less than 5	F	17	0	0	0	0	0	0	0	0
	5-15	M	23	0	0	0	0	0	0	0	0
	5-15	F	13	0	0	0	0	0	0	0	0
	greater than 15	M	21	0	0	0	0	0	0	0	0
	greater than 15	F	25	0	0	0	0	0	0	0	0
Total		125	0	0	0	0	0	0	3	0	128

Wang Pa stat from OPD Log Book : Aug 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
Aug-17	less than 5	M	21	0	0	0	0	0	0	0	0
	less than 5	F	25	0	0	0	0	0	0	0	0
	5-15	M	22	0	0	0	0	0	0	0	0
	5-15	F	22	0	0	0	0	0	0	0	0
	greater than 15	M	22	0	0	0	0	0	0	0	0
	greater than 15	F	34	0	0	0	0	0	0	0	0
Total		146	0	0	0	0	0	0	1	0	147

Wang Pa stat from OPD Log Book : Sep 2017											
			NEG	PFT	PFT+PFG	PFG	PFT+OTHER	PFT+PVG	PFT+PVT	PFT+PVT+PFG	PFT+PVT+PVG
Sep-17	less than 5	M	20	0	0	0	0	0	0	0	0
	less than 5	F	16	0	0	0	0	0	0	0	0
	5-15	M	7	0	0	0	0	0	0	0	0
	5-15	F	9	0	0	0	0	0	0	0	0
	greater than 15	M	22	0	0	0	0	0	0	0	0
	greater than 15	F	10	0	0	0	0	0	0	0	0
Total		84	0	0	0	0	0	0	0	0	84

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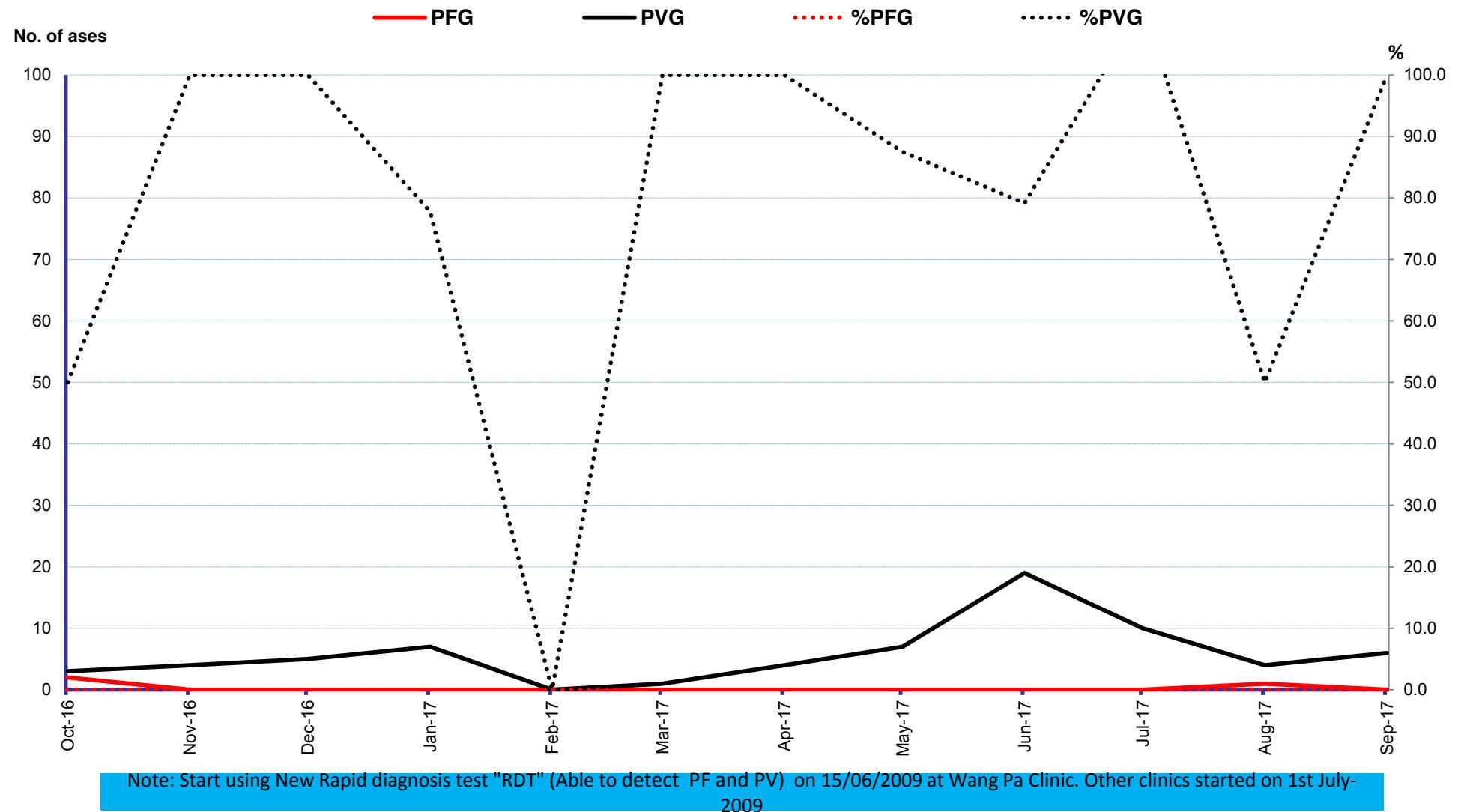
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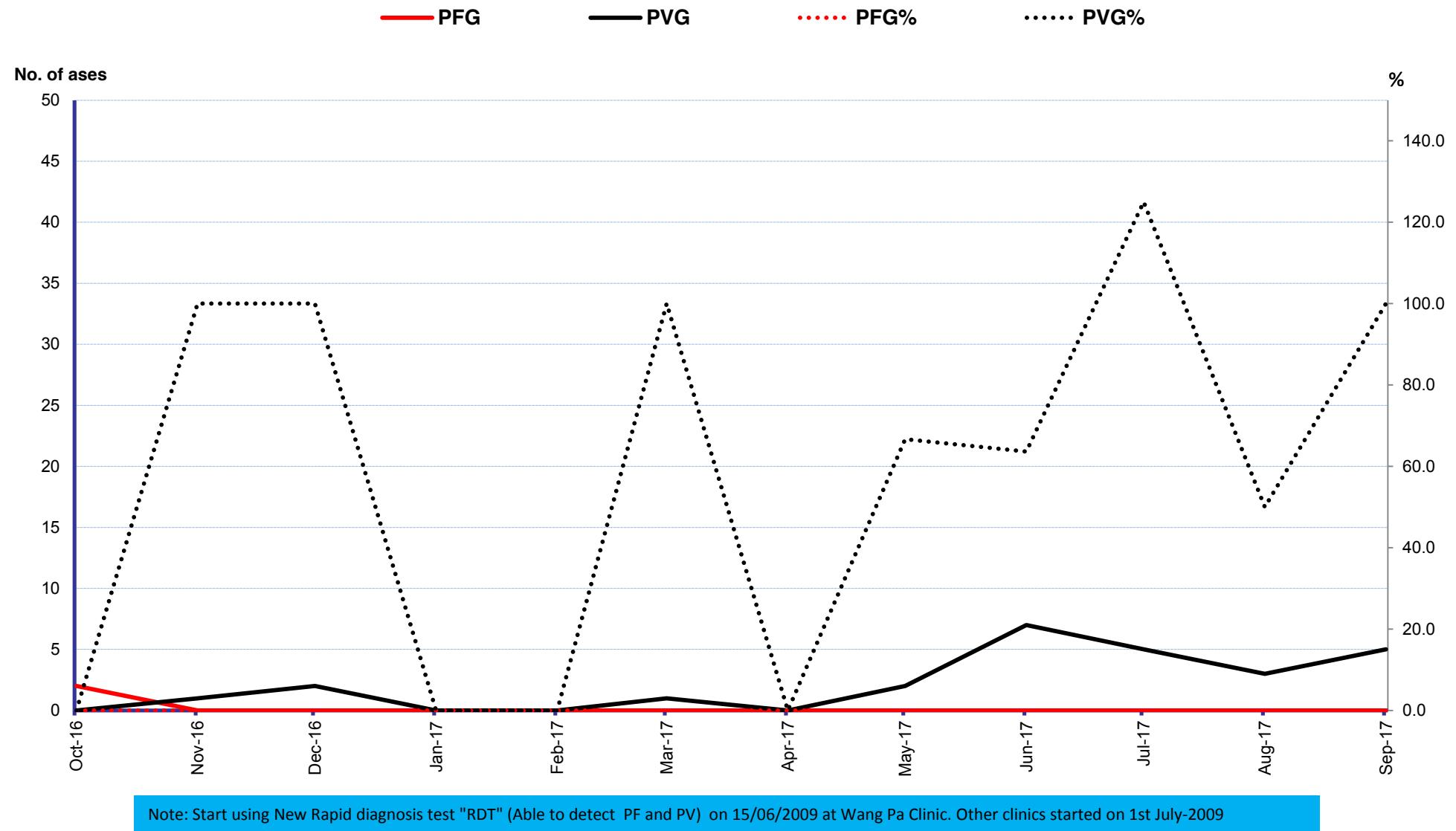
Weekly Gametocytes (MKT, MRC, WPA, MKK)

Oct 2016 - Sep 2017



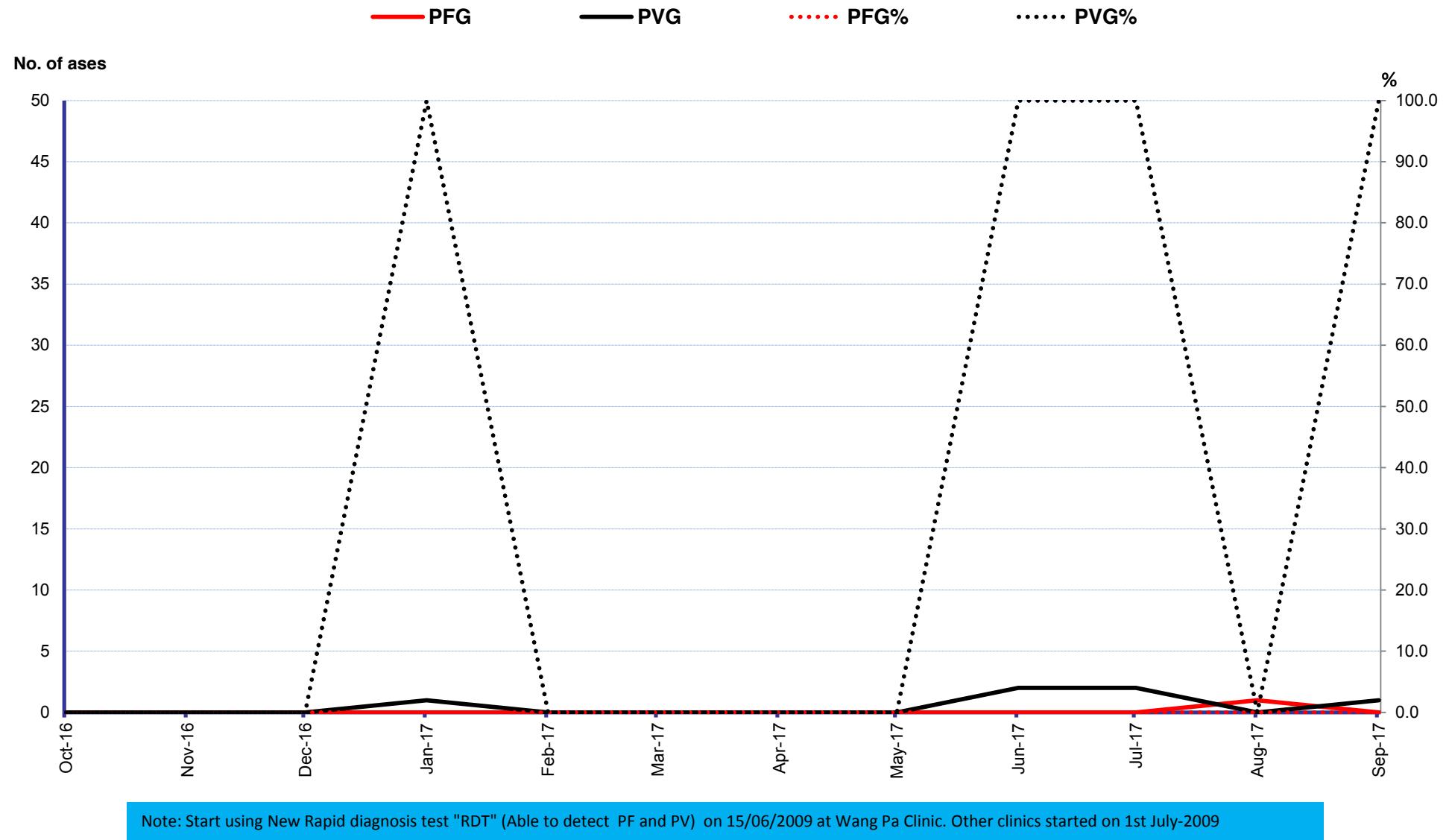
Weekly Gametocytes MKT

Oct 2016 - Sep 2017



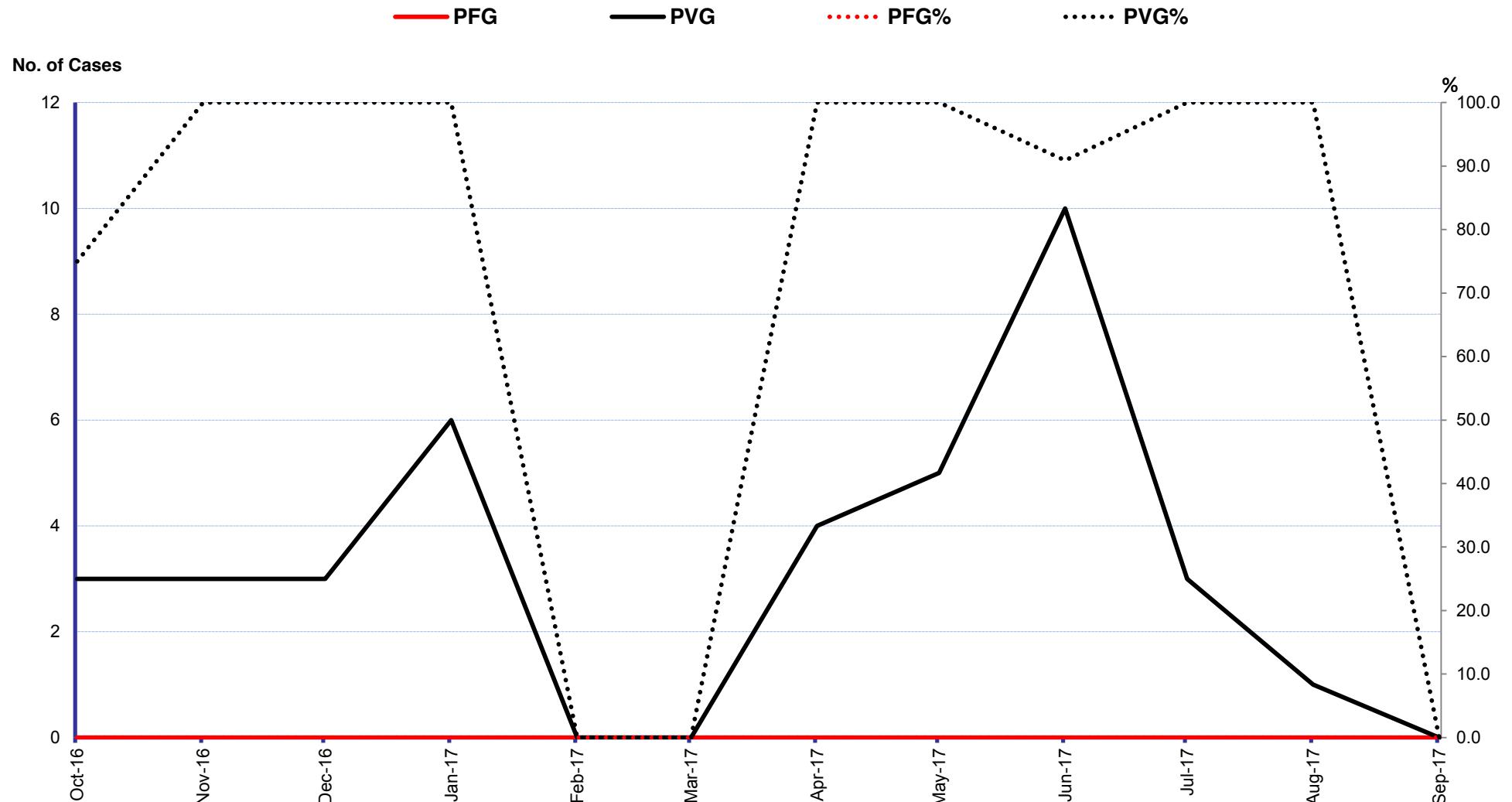
Weekly Gametocytes MLC

Oct 2016 - Sep 2017



Weekly Gametocytes WPA

Oct 2016 - Sep 2017



Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

No. Malaria total Summary report: SMRU Migrant:Oct - Sep - 2017

Start Date End Date

Reporting Period 01-Oct-16 01-Sep-17

Month	Diagnosis	Site											
		MKT			MRC				WPA				
		0-4 Years	5-15 Years	>15 Years	Total	0-4 Years	5-15 Years	>15 Years	Total	0-4 Years	5-15 Years	>15 Years	Total
Oct to Sep	Lower respiratory tract infection	427	105	217	749	118	85	68	271	265	40	31	336
	Upper respiratory tract infection	389	198	331	918	164	152	123	439	797	380	419	1596
	Watery Diarrhoea	237	23	35	295	33	7	13	53	120	16	24	160
	Bloody diarrhoea	35	11	24	70	2	2	6	2	0	0	0	2
	Typhoid	25	21	32	78	2	3	4	9	3	0	0	3
	Abscess/Wound/Burns	62	51	146	259	22	26	33	81	73	25	50	148
	Skin diseases	133	71	73	277	21	31	33	85	105	26	54	185
	Meningitis	1	0	1	2	0	0	0	0	0	0	2	2
	Measles	1	0	1	2	1	0	0	1	1	0	0	1
	UTI	1	4	85	90	2	0	18	20	12	4	28	44
	B1 deficiency	3	1	31	35	0	0	10	10	2	1	19	22
	Worms	88	74	104	266	36	52	50	138	209	197	208	614
	Others	1803	862	2829	5494	169	205	456	830	1644	725	2387	4756
	Total	3205	1421	3909	8535	570	563	810	1943	3233	1414	3222	7869

Respiratory infections total Summary report: SMRU Migrant : Oct 2016-Sep 2017

Month	Site	AgeGroup	Upper Respiratory	Lower Respiratory	Pneumonia(OPD)	Pneumonia(IPD)	Total	Deaths
Oct to Sep	MKT	< 1 Year	284	17	105	34	440	0
		1-4 Years	276	15	199	36	526	0
		5-14 Years	326	146	51	8	316	0
		≥15 Years	218	24	70	4	531	0
	MRC	< 1 Year	51	0	33	1	85	0
		1-4 Years	99	7	69	0	175	0
		5-14 Years	113	64	8	0	185	0
		≥15 Years	137	24	55	0	216	0
	WPA	< 1 Year	394	13	112	15	534	0
		1-4 Years	415	10	99	8	532	0
		5-14 Years	477	8	13	3	501	0
		≥15 Years	368	1	42	0	411	0
	Total	3158	329	856	109	4452	0	

Clinic	Cause of death
WPA (12)	Cardiorespiratory arrest
	DIC
	Drawing
	Encephalitis
	Extreme prematurity
	HIE
	Septic Shock
	Septicemia
	Severe hydrocephalus
	Traumatic head injury
	Unknown
	Unknown - unwell for 5 month with belly edema
MKT(19)	Birth asphyxia because severe shoulder dystocia
	Cardiogenic shock
	Cardiorespiratory arrest (2)
	Cardiorespiratory arrest (Neonatal death)
	Did not die in hospital died at home
	Kernicterus g6pd deficiency
	Multi organ failure
	Multi-vulvular Heart Disease (Severe MS, Moderate TR) with Cardio-Pulmonary arrest at MSH
	Prolonged shock
	Respiratory failure (2)
	Sepsis (3)
	Severe lung disease
	Unknown (2)
	Unknown since patient last seen was 2 weeks before death

Clinic	Cause of death
Other WPATB (14)	Acute respiratory distress syndrome (ARDS)
	Cardiopulmonary failure (2)
	Chronic liver failure
	Liver failure (Hepatorenal Syndrome)
	Massive hemoptysis
	Multi organ failure with septicemic shock
	Respiratory failure (2)
	Septicemia
	Septicemia with aspiration pneumonia
	Septicemia with aspiration pneumonia
	Unknown (2)
Other KKTB (20)	Acute liver failure
	Acute respiratory failure
	Cardiac tamponade
	Haemoptysis with TB, Hypovolemic shock
	Liver failure
	Lung Cancer
	MDR TB
	Pulmonary edema
	Respiratory failure (4)
	Septic shock
	Septicemia (2)
	TB meningitis
	TB spine
	TB, Septicemia
	TB/HIV with cryptococcal infection
	Tuberculous Pneumonia with Acute renal failure

No. Malaria total Summary report: SMRU Migrant MKT: October 2016 to September 2017

Month		Age						Total	
		<5y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Oct-16	Lower respiratory tract infection	30	34	3	3	4	12	86	
	Upper respiratory tract infection	19	10	5	5	9	17	65	
	Watery diarrhoea	2	2	0	0	0	1	5	
	Bloody diarrhoea	1	0	0	0	1	0	2	
	Typhoid	0	1	3	1	3	0	8	
	Abscess/Wound/Burns	2	6	3	1	8	4	24	
	Skin diseases	9	3	1	5	2	3	23	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	2	4	4	10	
	B1 deficiency	0	2	0	0	1	0	3	
	Worms	3	2	3	0	4	6	18	
	Others	109	104	35	47	93	195	583	
	Total	175	164	53	64	129	242	827	
Nov-16	Lower respiratory tract infection	5	12	2	2	8	11	40	
	Upper respiratory tract infection	12	16	5	5	10	23	71	
	Watery diarrhoea	7	2	0	0	0	0	9	
	Bloody diarrhoea	1	1	0	0	0	2	4	
	Typhoid	1	0	0	0	0	0	1	
	Abscess/Wound/Burns	3	2	2	1	6	6	20	
	Skin diseases	4	4	1	4	4	2	19	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	1	1	
	UTI	0	0	0	1	0	2	3	
	B1 deficiency	0	0	0	1	0	1	2	
	Worms	0	6	1	3	5	1	16	
	Others	78	64	25	23	61	157	408	
	Total	111	107	36	40	94	206	594	
Dec-16	Lower respiratory tract infection	11	6	3	2	3	10	35	
	Upper respiratory tract infection	26	13	8	4	10	9	70	
	Watery diarrhoea	4	4	0	0	0	0	8	
	Bloody diarrhoea	1	2	0	0	1	1	5	
	Typhoid	1	1	0	0	0	2	4	
	Abscess/Wound/Burns	1	1	1	2	2	5	12	
	Skin diseases	3	7	6	3	2	3	24	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	1	0	0	0	0	1	
	UTI	0	0	0	1	0	2	3	
	B1 deficiency	0	0	0	0	1	3	4	
	Worms	2	1	2	1	3	3	12	
	Others	66	56	13	15	64	134	348	
	Total	115	92	33	28	86	172	526	
Jan-17	Lower respiratory tract infection	7	4	0	3	7	7	28	
	Upper respiratory tract infection	0	0	0	0	0	0	0	
	Watery diarrhoea	0	0	0	0	0	0	0	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	0	0	0	0	0	0	0	
	Skin diseases	0	0	0	0	0	0	0	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	0	0	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	0	0	0	0	0	0	0	
	Others	0	0	0	0	0	0	0	
	Total	7	4	0	3	7	7	28	

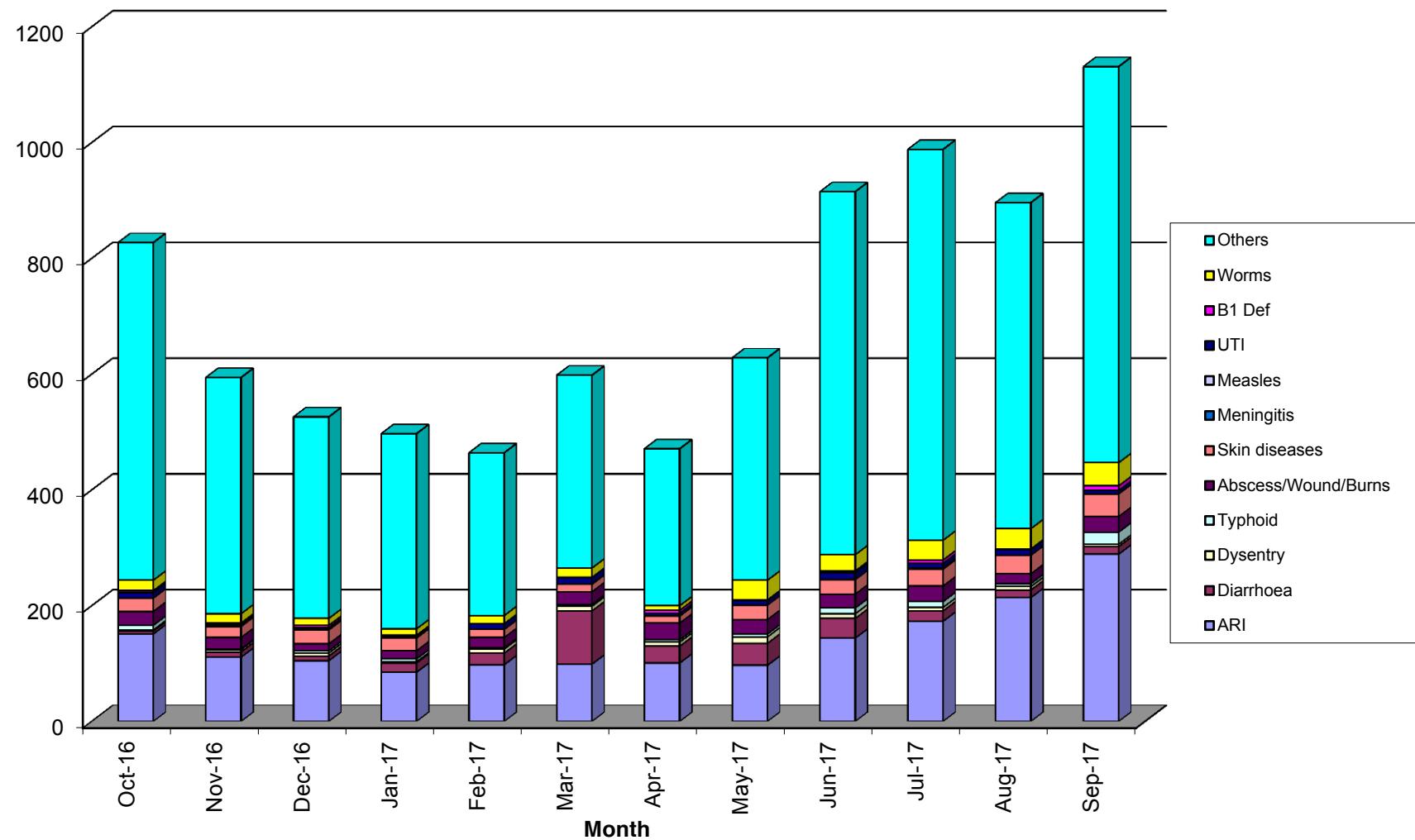
No. Malaria total Summary report: SMRU Migrant MKT: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Feb-17	Lower respiratory tract infection	9	5	0	3	7	10	34	
	Upper respiratory tract infection	16	9	8	8	8	15	64	
	Watery diarrhoea	9	9	0	1	1	0	20	
	Bloody diarrhoea	3	2	1	1	0	0	7	
	Typhoid	2	0	0	0	0	0	2	
	Abscess/Wound/Burns	1	2	2	3	9	1	18	
	Skin diseases	0	5	2	3	3	1	14	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	10	10	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	3	1	2	1	3	4	14	
	Others	55	49	17	10	44	106	281	
	Total	98	82	32	30	75	147	464	
Mar-17	Lower respiratory tract infection	5	9	6	4	1	4	29	
	Upper respiratory tract infection	16	14	9	4	10	17	70	
	Watery diarrhoea	45	35	2	2	4	4	92	
	Bloody diarrhoea	1	1	0	1	1	4	8	
	Typhoid	1	1	0	0	0	1	3	
	Abscess/Wound/Burns	4	0	2	2	7	7	22	
	Skin diseases	3	0	1	5	2	2	13	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	1	11	12	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	3	3	1	3	2	4	16	
	Others	58	55	16	22	62	120	333	
	Total	136	118	37	43	90	174	598	
Apr-17	Lower respiratory tract infection	17	9	1	4	5	8	44	
	Upper respiratory tract infection	14	8	6	8	12	9	57	
	Watery diarrhoea	16	9	2	0	2	0	29	
	Bloody diarrhoea	1	2	1	0	1	2	7	
	Typhoid	1	0	0	0	2	1	4	
	Abscess/Wound/Burns	4	1	6	2	5	11	29	
	Skin diseases	2	4	2	2	1	1	12	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	5	5	
	B1 deficiency	0	0	0	0	1	4	5	
	Worms	2	0	1	3	0	2	8	
	Others	58	40	20	14	56	83	271	
	Total	115	73	39	33	85	126	471	
May-17	Lower respiratory tract infection	21	12	2	0	5	3	43	
	Upper respiratory tract infection	13	13	5	2	7	14	54	
	Watery diarrhoea	20	9	3	1	3	2	38	
	Bloody diarrhoea	4	0	2	2	1	2	11	
	Typhoid	1	0	1	1	2	0	5	
	Abscess/Wound/Burns	6	3	3	0	11	2	25	
	Skin diseases	8	8	3	2	2	2	25	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	5	3	8	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	6	4	10	6	2	6	34	
	Others	62	50	30	23	85	134	384	
	Total	141	99	59	37	123	169	628	

No. Malaria total Summary report: SMRU Migrant MKT: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Jun-17	Lower respiratory tract infection	28	19	7	8	8	12	82	
	Upper respiratory tract infection	10	17	4	13	6	12	62	
	Watery diarrhoea	11	10	4	0	6	3	34	
	Bloody diarrhoea	2	4	0	0	0	2	8	
	Typhoid	0	2	1	4	2	1	10	
	Abscess/Wound/Burns	3	5	4	3	5	4	24	
	Skin diseases	6	6	4	0	4	5	25	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	1	0	0	4	7	12	
	B1 deficiency	0	1	0	0	1	1	3	
	Worms	6	4	5	1	4	8	28	
	Others	90	81	67	58	116	215	627	
	Total	156	150	96	87	156	270	915	
Jul-17	Lower respiratory tract infection	19	25	6	13	11	10	84	
	Upper respiratory tract infection	17	12	19	13	8	20	89	
	Watery diarrhoea	9	6	1	1	0	1	18	
	Bloody diarrhoea	2	2	0	1	1	0	6	
	Typhoid	2	2	3	1	1	1	10	
	Abscess/Wound/Burns	4	2	3	4	9	5	27	
	Skin diseases	5	4	3	9	5	3	29	
	Meningitis	1	0	0	0	0	1	2	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	2	6	8	
	B1 deficiency	0	0	0	0	1	5	6	
	Worms	7	6	1	6	6	8	34	
	Others	101	76	95	75	123	205	675	
	Total	167	135	131	123	167	265	988	
Aug-17	Lower respiratory tract infection	31	24	10	7	21	16	109	
	Upper respiratory tract infection	21	25	7	10	22	20	105	
	Watery diarrhoea	4	4	1	1	3	0	13	
	Bloody diarrhoea	4	0	1	0	1	0	6	
	Typhoid	0	0	2	0	2	1	5	
	Abscess/Wound/Burns	2	2	0	2	5	6	17	
	Skin diseases	11	12	2	0	2	5	32	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	1	9	10	
	B1 deficiency	0	0	0	0	1	0	1	
	Worms	3	5	5	10	4	8	35	
	Others	120	105	72	50	107	109	563	
	Total	196	177	100	80	169	174	896	
Sep-17	Lower respiratory tract infection	48	37	12	4	15	19	135	
	Upper respiratory tract infection	34	24	21	21	19	35	154	
	Watery diarrhoea	9	1	2	0	0	1	13	
	Bloody diarrhoea	0	0	0	1	3	0	4	
	Typhoid	6	2	0	4	4	5	21	
	Abscess/Wound/Burns	4	0	4	0	9	10	27	
	Skin diseases	12	4	5	6	5	7	39	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	6	6	
	B1 deficiency	0	0	0	0	3	5	8	
	Worms	6	9	3	4	4	14	40	
	Others	128	79	52	49	147	229	684	
	Total	247	156	99	89	209	331	1131	

MawkerThai Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant MRC: October 2016 to September 2017

Month		Age						Total	
		<5y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Oct-16	Lower respiratory tract infection	4	8	4	5	2	4	27	
	Upper respiratory tract infection	7	6	8	7	7	7	42	
	Watery diarrhoea	2	0	0	0	0	0	2	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	1	0	1	
	Abscess/Wound/Burns	0	0	0	3	3	0	6	
	Skin diseases	4	0	1	1	1	1	8	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	2	2	
	B1 deficiency	0	0	0	0	0	2	2	
	Worms	1	3	4	3	1	1	13	
	Others	9	7	10	13	7	40	86	
	Total	27	24	27	32	22	57	189	
Nov-16	Lower respiratory tract infection	3	5	4	0	1	1	14	
	Upper respiratory tract infection	5	10	3	3	3	4	28	
	Watery diarrhoea	2	0	0	0	0	0	2	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	0	1	0	1	2	1	5	
	Skin diseases	1	0	0	2	1	4	8	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	0	0	
	B1 deficiency	0	0	0	0	0	2	2	
	Worms	0	0	2	3	0	2	7	
	Others	5	6	10	6	17	16	60	
	Total	16	22	19	15	24	30	126	
Dec-16	Lower respiratory tract infection	6	2	2	3	4	0	17	
	Upper respiratory tract infection	4	3	7	1	2	3	20	
	Watery diarrhoea	0	1	0	0	1	0	2	
	Bloody diarrhoea	0	0	1	0	0	0	1	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	0	0	0	0	1	0	1	
	Skin diseases	0	0	2	0	0	2	4	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	1	1	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	3	1	1	2	1	0	8	
	Others	6	4	6	5	6	12	39	
	Total	19	11	19	11	15	19	94	
Jan-17	Lower respiratory tract infection	3	2	1	0	1	2	9	
	Upper respiratory tract infection	15	7	2	4	7	6	41	
	Watery diarrhoea	3	2	0	0	0	0	5	
	Bloody diarrhoea	1	0	0	0	0	0	1	
	Typhoid	1	0	0	0	0	0	1	
	Abscess/Wound/Burns	3	0	0	1	2	0	6	
	Skin diseases	1	1	0	2	0	3	7	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	1	0	0	0	3	4	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	1	0	2	0	1	3	7	
	Others	2	1	3	0	10	18	34	
	Total	30	14	8	7	21	35	115	

No. Malaria total Summary report: SMRU Migrant MRC: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Feb-17	Lower respiratory tract infection	2	1	1	2	4	3	13	
	Upper respiratory tract infection	10	2	4	3	2	4	25	
	Watery diarrhoea	1	0	0	0	0	1	2	
	Bloody diarrhoea	0	0	0	1	0	0	1	
	Typhoid	0	0	0	0	1	0	1	
	Abscess/Wound/Burns	0	2	1	2	1	0	6	
	Skin diseases	1	0	0	0	1	4	6	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	3	3	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	1	0	1	2	2	5	11	
	Others	5	2	2	5	11	32	57	
	Total	20	7	9	15	22	53	126	
Mar-17	Lower respiratory tract infection	8	2	2	3	1	1	17	
	Upper respiratory tract infection	6	2	5	4	1	6	24	
	Watery diarrhoea	3	1	0	0	1	1	6	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	0	1	1	0	1	1	4	
	Skin diseases	0	0	0	0	1	1	2	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	1	1	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	2	1	1	0	0	3	7	
	Others	8	6	4	6	10	14	48	
	Total	27	13	13	13	15	29	110	
Apr-17	Lower respiratory tract infection	6	3	6	5	6	3	29	
	Upper respiratory tract infection	0	3	10	4	1	4	22	
	Watery diarrhoea	1	0	0	0	0	0	1	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	2	3	2	2	3	4	16	
	Skin diseases	1	0	0	3	0	1	5	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	3	3	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	0	0	2	1	3	0	6	
	Others	4	3	11	5	8	13	44	
	Total	14	12	31	20	21	28	126	
May-17	Lower respiratory tract infection	5	6	1	7	7	2	28	
	Upper respiratory tract infection	4	3	3	3	3	7	23	
	Watery diarrhoea	3	2	2	4	1	1	13	
	Bloody diarrhoea	0	0	0	0	1	1	2	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	1	2	1	0	1	0	5	
	Skin diseases	1	1	3	2	1	3	11	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	1	1	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	2	1	2	1	2	1	9	
	Others	4	5	9	10	9	25	62	
	Total	20	20	21	27	25	41	154	

No. Malaria total Summary report: SMRU Migrant MRC: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Jun-17	Lower respiratory tract infection	9	4	3	2	1	4	23	
	Upper respiratory tract infection	8	9	8	8	2	9	44	
	Watery diarrhoea	3	2	0	0	0	1	6	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	1	2	3	2	1	2	11	
	Skin diseases	2	3	2	0	1	3	11	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	1	0	0	0	0	1	
	UTI	0	0	0	0	0	2	2	
	B1 deficiency	0	0	0	0	0	2	2	
	Worms	2	1	1	6	1	8	19	
	Others	11	11	3	5	15	29	74	
	Total	36	33	20	23	21	60	193	
Jul-17	Lower respiratory tract infection	5	3	7	3	3	5	26	
	Upper respiratory tract infection	12	13	11	14	5	4	59	
	Watery diarrhoea	0	3	0	0	1	0	4	
	Bloody diarrhoea	1	0	0	0	0	0	1	
	Typhoid	1	0	0	0	1	0	2	
	Abscess/Wound/Burns	0	1	0	0	1	5	7	
	Skin diseases	0	2	4	3	1	0	10	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	1	0	0	0	0	1	2	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	3	5	4	0	1	2	15	
	Others	10	13	16	20	25	44	128	
	Total	33	40	42	40	38	61	254	
Aug-17	Lower respiratory tract infection	10	3	4	7	3	6	33	
	Upper respiratory tract infection	14	9	7	15	5	11	61	
	Watery diarrhoea	2	1	0	1	1	3	8	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	1	1	
	Abscess/Wound/Burns	0	1	4	1	0	0	6	
	Skin diseases	0	1	4	1	0	2	8	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	1	1	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	4	0	0	2	3	2	11	
	Others	9	13	14	18	16	35	105	
	Total	39	28	33	45	28	62	235	
Sep-17	Lower respiratory tract infection	8	10	8	5	2	2	35	
	Upper respiratory tract infection	6	6	10	8	6	14	50	
	Watery diarrhoea	1	0	0	0	1	0	2	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	2	1	0	0	3	
	Abscess/Wound/Burns	1	1	1	1	2	2	8	
	Skin diseases	1	1	1	0	1	1	5	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	0	0	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	2	3	6	6	2	6	25	
	Others	14	11	13	11	11	33	93	
	Total	33	32	41	32	25	58	221	

No. Malaria total Summary report: SMRU Migrant WPA: October 2016 to September 2017

Month		Age						Total	
		<5y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Oct-16	Lower respiratory tract infection	13	15	0	2	0	1	31	
	Upper respiratory tract infection	30	42	19	18	9	32	150	
	Watery diarrhoea	2	2	0	1	2	1	8	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	5	2	0	0	3	1	11	
	Skin diseases	7	4	1	1	0	6	19	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	1	0	0	1	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	7	7	5	7	2	14	42	
	Others	93	90	30	37	76	192	518	
	Total	157	162	55	67	92	248	781	
Nov-16	Lower respiratory tract infection	6	4	1	0	3	0	14	
	Upper respiratory tract infection	27	41	11	11	21	13	124	
	Watery diarrhoea	6	2	0	0	0	0	8	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	2	0	2	0	1	1	6	
	Skin diseases	1	1	1	0	0	6	9	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	1	0	0	0	0	1	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	5	7	7	4	6	4	33	
	Others	60	75	31	30	60	130	386	
	Total	107	131	53	45	91	155	582	
Dec-16	Lower respiratory tract infection	2	6	0	0	0	1	9	
	Upper respiratory tract infection	22	33	13	9	12	15	104	
	Watery diarrhoea	3	4	0	0	3	1	11	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	2	1	1	0	1	1	6	
	Skin diseases	3	4	2	1	2	0	12	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	1	0	0	2	0	3	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	7	6	8	10	9	7	47	
	Others	46	64	18	24	54	97	303	
	Total	85	119	42	44	83	122	495	
Jan-17	Lower respiratory tract infection	6	5	2	3	1	0	17	
	Upper respiratory tract infection	40	32	4	3	10	11	100	
	Watery diarrhoea	12	3	3	1	2	0	21	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	2	1	1	0	0	1	5	
	Skin diseases	6	0	0	1	1	2	10	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	0	4	4	
	B1 deficiency	0	0	0	0	1	1	2	
	Worms	7	11	6	4	10	7	45	
	Others	52	57	12	13	56	101	291	
	Total	125	109	28	25	81	127	495	

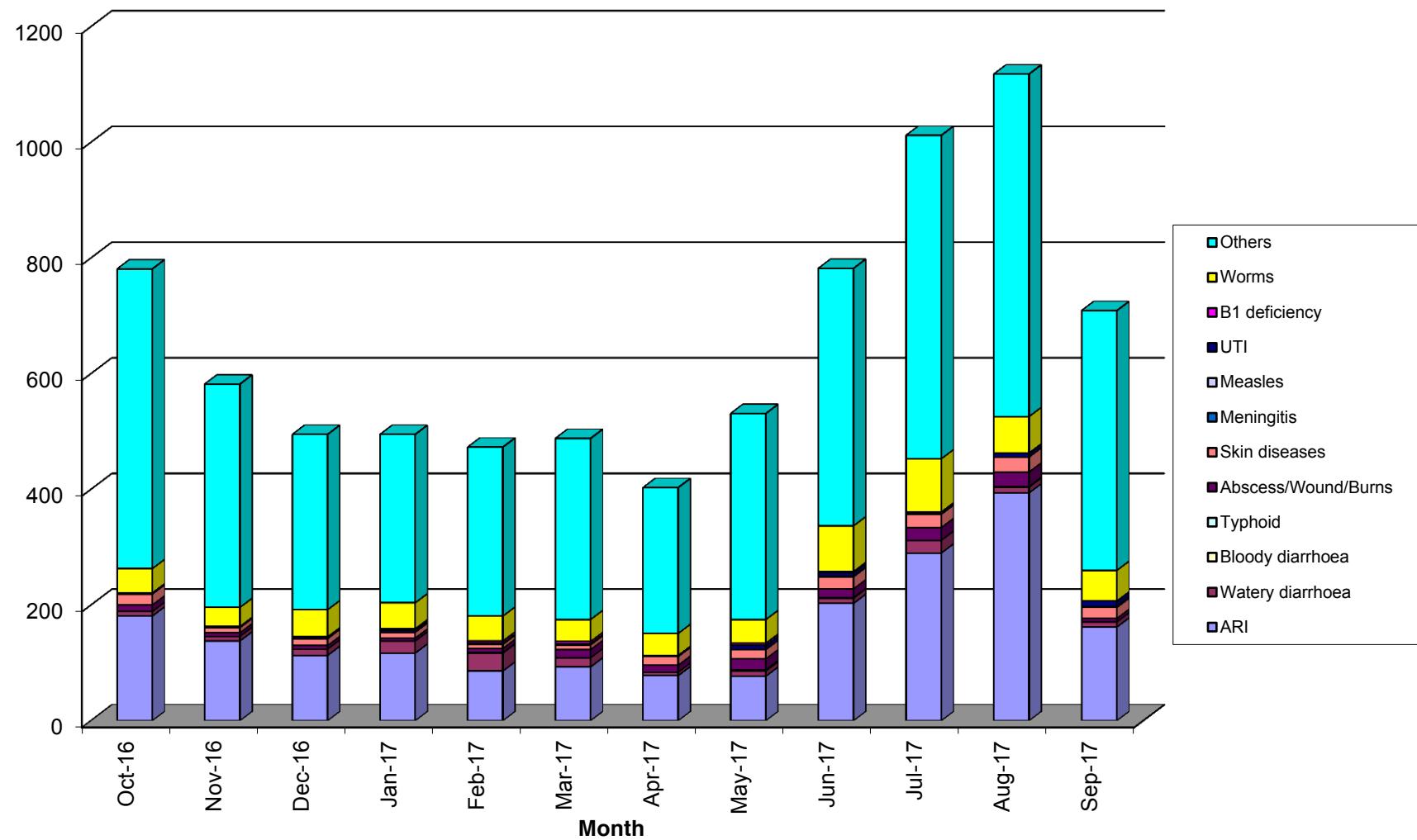
No. Malaria total Summary report: SMRU Migrant WPA: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Feb-17	Lower respiratory tract infection	5	5	1	0	0	5	16	
	Upper respiratory tract infection	13	22	9	3	11	12	70	
	Watery diarrhoea	16	11	1	0	1	2	31	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	1	0	0	0	0	0	1	
	Abscess/Wound/Burns	2	0	0	0	1	4	7	
	Skin diseases	2	2	0	0	0	3	7	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	2	0	0	0	0	0	2	
	B1 deficiency	0	1	0	0	0	3	4	
	Worms	11	9	5	6	5	7	43	
	Others	54	52	22	19	48	97	292	
	Total	106	102	38	28	66	133	473	
Mar-17	Lower respiratory tract infection	7	5	0	1	0	3	16	
	Upper respiratory tract infection	20	30	6	5	4	12	77	
	Watery diarrhoea	10	5	0	0	0	1	16	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	3	2	2	0	6	1	14	
	Skin diseases	3	3	0	0	0	2	8	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	1	0	0	1	0	0	2	
	B1 deficiency	0	1	0	0	2	1	4	
	Worms	12	6	1	2	5	12	38	
	Others	63	52	12	18	55	113	313	
	Total	119	104	21	27	72	145	488	
Apr-17	Lower respiratory tract infection	6	5	1	0	0	2	14	
	Upper respiratory tract infection	19	19	5	6	7	8	64	
	Watery diarrhoea	2	4	0	0	0	0	6	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	6	3	0	1	1	1	12	
	Skin diseases	5	6	1	1	1	1	15	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	1	0	0	0	1	2	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	6	6	7	6	6	7	38	
	Others	60	56	13	15	38	70	252	
	Total	104	100	27	29	53	90	403	
May-17	Lower respiratory tract infection	9	6	1	0	2	1	19	
	Upper respiratory tract infection	13	14	10	6	8	7	58	
	Watery diarrhoea	5	0	1	1	1	1	9	
	Bloody diarrhoea	1	0	0	0	0	0	1	
	Typhoid	0	1	0	0	0	0	1	
	Abscess/Wound/Burns	4	7	3	1	1	3	19	
	Skin diseases	4	4	1	4	1	2	16	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	3	1	0	0	3	0	7	
	B1 deficiency	0	0	0	0	2	2	4	
	Worms	6	4	8	6	7	10	41	
	Others	84	51	25	21	52	123	356	
	Total	129	88	49	39	77	149	531	

No. Malaria total Summary report: SMRU Migrant WPA: October 2016 to September 2017

Month	Diagnosis	Age						Total	
		0-4y		5-15y		>15y			
		Male	Female	Male	Female	Male	Female		
Jun-17	Lower respiratory tract infection	13	24	0	3	0	2	42	
	Upper respiratory tract infection	45	40	27	17	11	21	161	
	Watery diarrhoea	3	4	0	2	0	0	9	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	1	0	0	0	0	1	
	Abscess/Wound/Burns	7	3	1	0	2	2	15	
	Skin diseases	5	5	0	0	2	9	21	
	Meningitis	0	0	0	0	0	0	0	
	Measles	1	0	0	0	0	0	1	
	UTI	0	0	0	0	1	5	6	
	B1 deficiency	0	0	0	0	0	2	2	
	Worms	11	9	17	17	7	18	79	
	Others	82	71	40	31	69	152	445	
	Total	167	157	85	70	92	211	782	
Jul-17	Lower respiratory tract infection	23	22	4	2	1	1	53	
	Upper respiratory tract infection	62	54	36	35	19	31	237	
	Watery diarrhoea	13	3	0	1	2	3	22	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	4	5	5	0	5	3	22	
	Skin diseases	8	5	3	1	1	5	23	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	0	1	0	1	
	B1 deficiency	0	0	1	0	0	2	3	
	Worms	19	18	24	12	6	13	92	
	Others	71	79	70	52	91	196	559	
	Total	200	186	143	103	126	254	1012	
Aug-17	Lower respiratory tract infection	29	13	1	10	3	2	58	
	Upper respiratory tract infection	67	55	58	46	40	70	336	
	Watery diarrhoea	3	2	1	1	3	0	10	
	Bloody diarrhoea	1	0	0	0	0	0	1	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	4	7	2	4	5	3	25	
	Skin diseases	4	8	1	6	4	3	26	
	Meningitis	0	0	0	0	0	0	0	
	Measles	0	0	0	0	0	0	0	
	UTI	2	0	1	0	0	3	6	
	B1 deficiency	0	0	0	0	0	1	1	
	Worms	7	13	13	11	8	11	63	
	Others	80	109	50	60	116	177	592	
	Total	197	207	127	138	179	270	1118	
Sep-17	Lower respiratory tract infection	19	17	5	3	2	1	47	
	Upper respiratory tract infection	25	32	13	10	12	23	115	
	Watery diarrhoea	3	2	2	1	0	1	9	
	Bloody diarrhoea	0	0	0	0	0	0	0	
	Typhoid	0	0	0	0	0	0	0	
	Abscess/Wound/Burns	0	1	2	0	1	2	6	
	Skin diseases	6	9	0	1	1	2	19	
	Meningitis	0	0	0	0	2	0	2	
	Measles	0	0	0	0	0	0	0	
	UTI	0	0	0	1	1	7	9	
	B1 deficiency	0	0	0	0	0	0	0	
	Worms	5	10	9	2	10	17	53	
	Others	68	75	36	46	87	137	449	
	Total	126	146	67	64	116	190	709	

Wang Pa Non Malaria Chart



Malaria total Summary report: SMRU Migrant October 2016 to September 2017

Total number of SCBU admissions

324

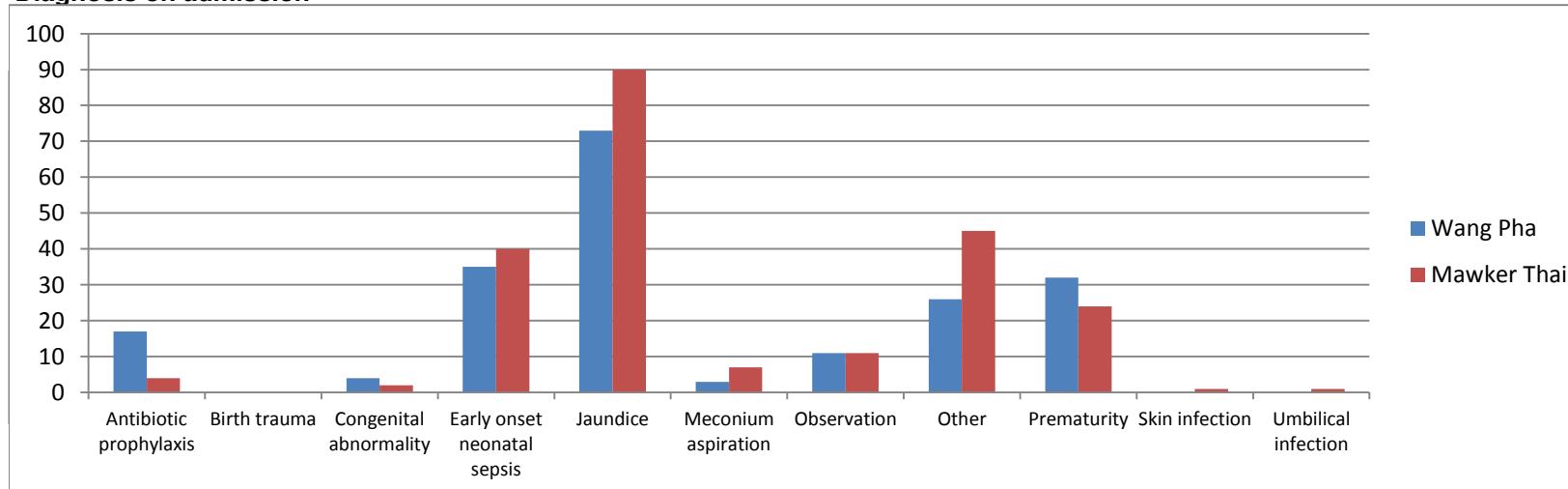
Baseline data

	Wang Pha	Mawker Thai
Number of admissions	152	172
Median gestation (weeks)	37.7	38.1
Range gestation (weeks)	27.0-41.5	30.5-43.4
Median birth weight (kg)	2.764	2.784
Range birth weight (kg)	0.980-4.290	0.960-4.020

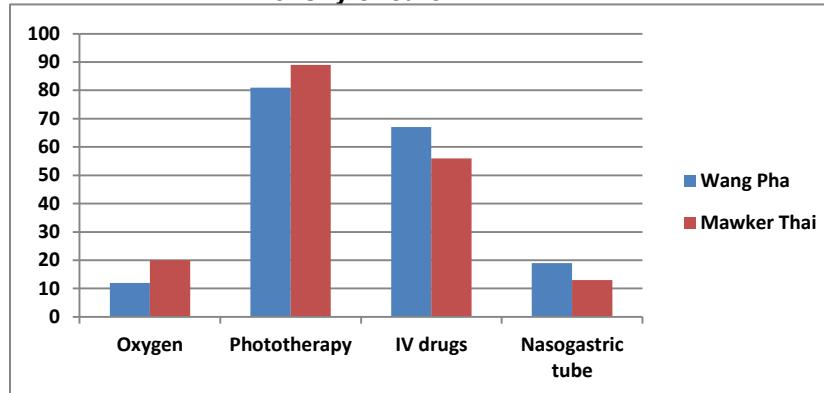
Neonatal Deaths in SCBU

	Wang Pha	Mawker Thai
< 28 weeks	0	0
28.0 - 36.7 weeks	0	0
> 37 weeks	1	4

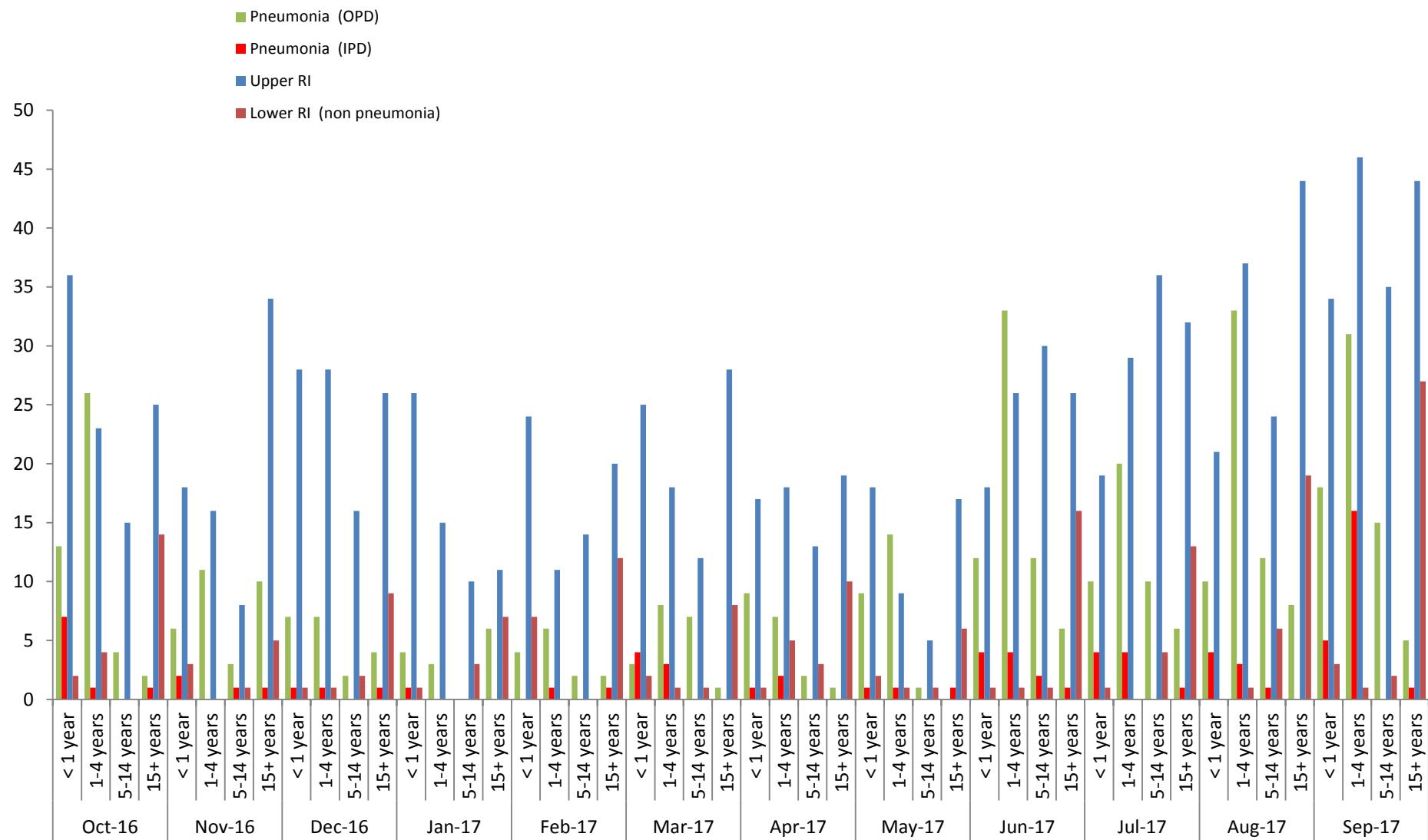
Diagnosis on admission



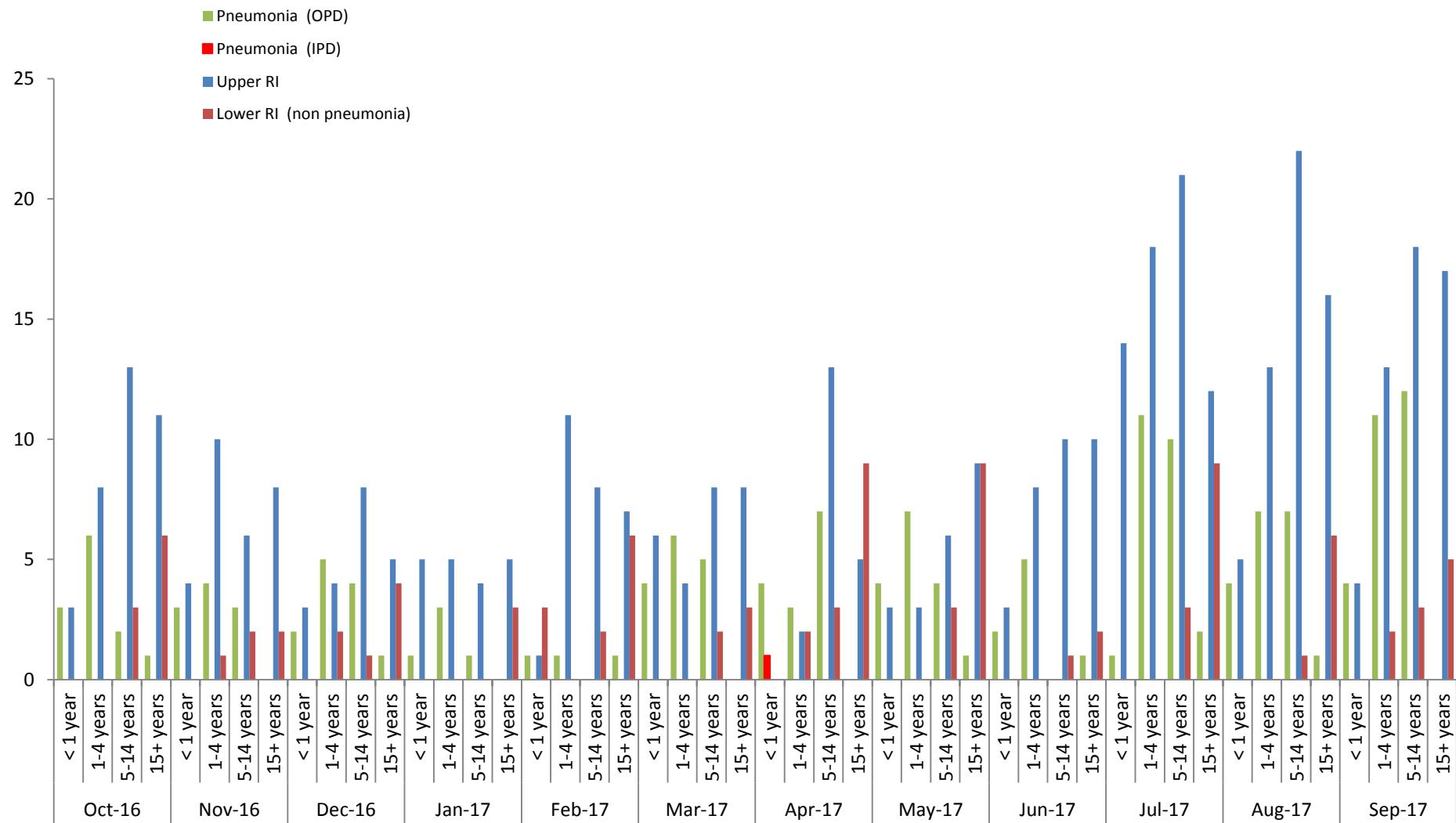
Intensity of care



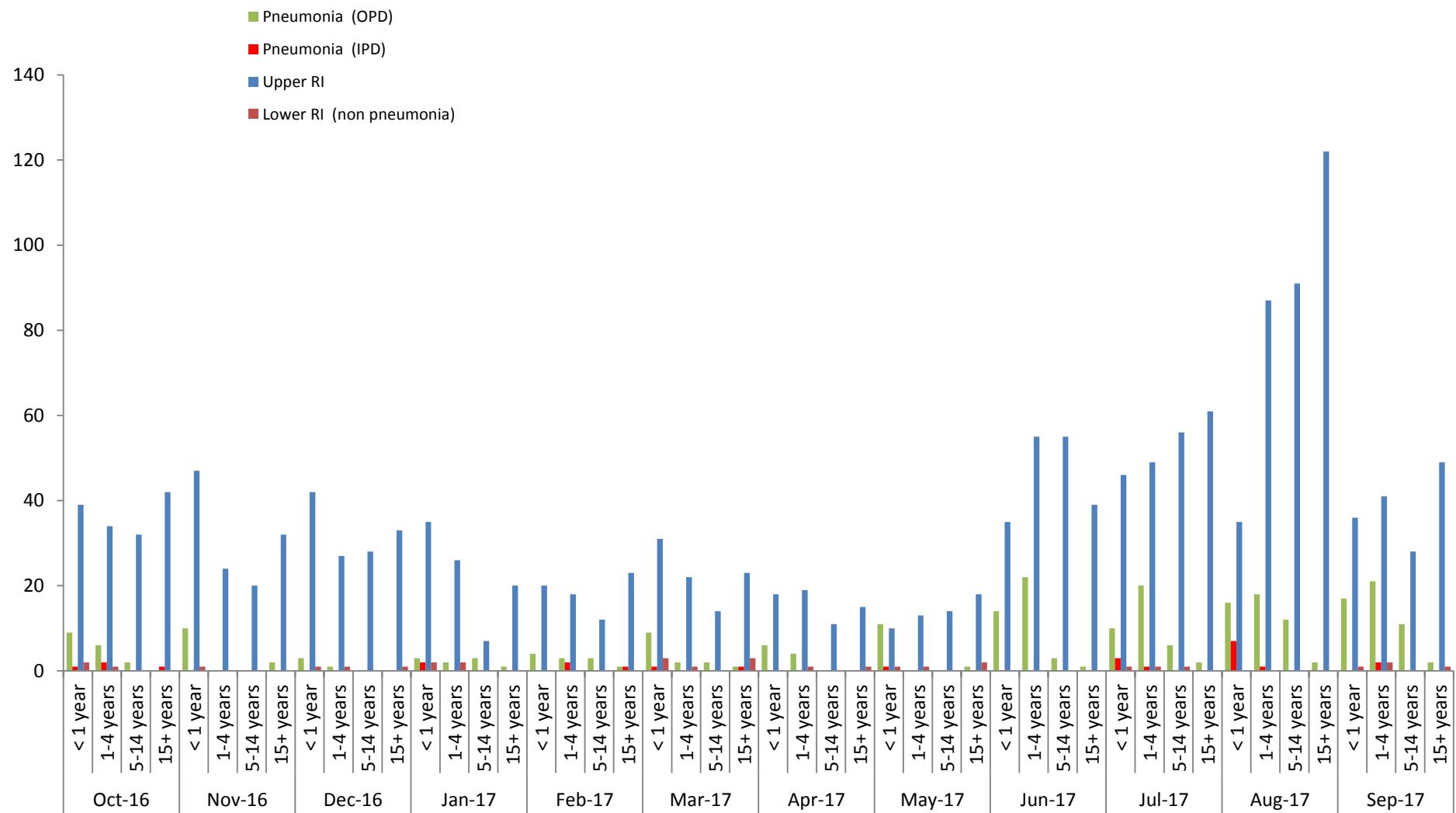
Maw Ker Thai Respiratory infection : October 2016 to September 2017



Munrunchai Respiratory infection : October 2016 to September 2017



Wang Pa Respiratory infection : October 2016 to September 2017



แผนที่ที่ตั้งคลินิกน่วຍวิจัยมาเลเรียโซกอล
Map of SMRU clinic sites

