



Migrant ANC (Shoklo Malaria Research Unit)

Site	Register	Individual women follow	absent	new	anaemia(%)	Consultation	Referrals to Thai Hospitals
Mawker Thai	1454	1413	41	1065	166	7691	46
Wang Pa	1574	1539	35	1239	128	7647	70
<b>Total</b>	<b>3028</b>	<b>2952</b>	<b>76</b>	<b>2304</b>	<b>74</b>	<b>15338</b>	<b>116</b>

Summary of Malaria Cases

Site	Total positive	Neg	Pft	Pvt	Pmt	Pot	Pfg	Pvg	Pog	Pmg
Mawker Thai	45	7283	6	40	0	0	1	27	0	0
Wang Pa	51	7499	6	45	0	0	1	25	0	0
<b>Total</b>	<b>96</b>	<b>14782</b>	<b>12</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>52</b>	<b>0</b>	<b>0</b>

Malaria Smears

Site	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	
Mawker Thai	7328	7283	4	1	0	1	0	0	0	0	0	0	12	0	27	0	0	0	0	0	0	0	0	0	0	0	1
Wang Pa	7550	7499	5	0	0	1	0	0	0	0	0	0	20	0	25	0	0	0	0	0	0	0	0	0	0	0	91
<b>Total</b>	<b>14878</b>	<b>14782</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92</b>

5444

Site	Treatment						
	Q7C7	A7C7	MAS3	DP	COA	CHQ	AS7
Mawker Thai	0	3	8	7	7	20	0
Wang Pa	0	1	7	8	6	26	3
<b>Total</b>	<b>0</b>	<b>4</b>	<b>15</b>	<b>15</b>	<b>13</b>	<b>46</b>	<b>3</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=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

Outcome of pregnancy						Weight					
Site	alive	stillbirth	abortions	Caesarean section	< 1.5kg	>=1.5 to <2.5kg	Low Birth Weight %	>= 2.5 kg	un-known	Total	
Singleton Delivery	Mawker Thai	653	2	55	40	6	67	14%	581	1	655
	Wang Pa	718	11	86	55	13	72	12%	641	2	729
Multiple Delivery	Mawker Thai	14	2	0	0	2	8	70%	5	0	16
	Wang Pa	25	3	0	0	8	12	81%	8	0	28
<b>Total</b>	<b>1410</b>	<b>18</b>	<b>141</b>	<b>95</b>	<b>14</b>	<b>79</b>	<b>15%</b>	<b>589</b>	<b>1</b>	<b>1428</b>	

Place of outcome												
	Site	Unit	(%)	Home	(%)	Hospital	(%)	Others	(%)	Un-known	(%)	Total
Delivery	Mawker Thai	541	81%	69	10%	54	8%	8	1%	0	0%	672
	Wang Pa	611	80%	88	11%	61	8%	6	1%	0	0%	766
Abortion	Mawker Thai	47	87%	7	13%	0	0%	0	0%	0	0%	54
	Wang Pa	72	84%	6	7%	8	9%	0	0%	0	0%	86
<b>Total</b>		<b>1271</b>	<b>81%</b>	<b>170</b>	<b>11%</b>	<b>123</b>	<b>8%</b>	<b>14</b>	<b>1%</b>	<b>0</b>	<b>0%</b>	<b>1578</b>

Others			
Site	Maternal deaths	Defaulters	Tetanus(%)
Mawker Thai	2	328	575
Wang Pa	3	308	590
<b>Total</b>	<b>5</b>	<b>636</b>	<b>1165</b>

sources of register pregnant women			
Site	Burma resident	Thailand resident	Total
Mawker Thai	458	996	1454
Wang Pa	1078	495	1573
<b>Total</b>	<b>1536</b>	<b>1491</b>	<b>3027</b>

MUAC	Registered	New	Outcome	Defaulter
< 21	53	41	35	9
≥ 21	2971	2274	1618	627
<23	501	388	284	112
<b>Total</b>	<b>3525</b>	<b>2703</b>	<b>1937</b>	<b>748</b>

**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

**SMRU Migrant Malaria Annual Report (Oct-2013-Sep-2014) P.17**

<b>Condition of the referrals</b>		
<b>Diagnosis</b>	<b>WPA</b>	<b>MKT</b>
Abortion	3	0
Booking	4	7
Breech Presentation	10	8
Cervical tear/grade IV vaginal tear	1	1
Chorioamnionitis	3	1
Cord Prolapse (pl/rf)	1	0
CPD/delayed-failure progress labour	9	5
Diabetes/GDM	0	0
Ectopic	4	0
Eclampsia	0	2
Face (mento-posterior)	0	0
Failed Forceps (pl/rf)	2	0
Fetal Distress	5	9
High BP (Severe pre-eclampsia)	1	2
Infected wound/sepsis	4	0
Maternal Medical (Heart Disease, chronic)	4	3
Molar pregnancy	6	0
Others	5	1
Placental Praevia	0	0
Placental Abruptio	0	3
PPH	1	2
Previous C-section	9	1
Prolonged PPRM (<37 wks)	1	1
Prolonged second stage (pl/rf)	5	0
Retained Placenta	7	1
Twin	1	3
Uterine rupture	1	0
<b>TOTAL</b>	<b>87</b>	<b>50</b>

**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-2013 - 30Sep2014)

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	PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	Total Test	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG	Total POG
Oct-13	473	4	0	2	1	0	0	0	0	0	0	11	0	29	0	0	0	0	0	0	0	0	0	520	47	473	7	42	0	0	1	29	0	0
Nov-13	208	5	0	2	2	0	0	0	0	0	0	11	0	22	0	0	0	0	0	0	0	0	0	250	42	208	9	35	0	0	2	22	0	0
Dec-13	221	8	0	0	2	0	0	0	0	0	0	5	0	27	0	0	0	0	0	0	0	0	0	263	42	221	10	32	0	0	2	27	0	0
Jan-14	109	2	0	0	0	0	0	0	0	0	0	8	0	21	0	0	0	0	0	0	0	0	0	138	29	109	2	27	0	0	0	21	0	0
Feb-14	263	0	0	0	0	0	0	0	0	0	0	5	0	11	0	0	0	0	0	0	0	0	0	279	16	263	0	16	0	0	0	11	0	0
Mar-14	266	1	0	0	0	0	0	0	0	0	0	5	0	11	0	0	0	0	0	0	0	0	0	283	17	266	1	16	0	0	0	11	0	0
Apr-14	297	1	0	0	0	0	0	0	0	0	0	3	0	12	0	0	0	0	0	0	0	0	0	313	16	297	1	15	0	0	0	12	0	0
May-14	334	7	0	1	1	0	0	0	0	0	0	7	0	35	0	0	0	0	0	0	0	0	0	385	51	334	9	43	0	0	1	35	0	0
Jun-14	534	12	0	0	3	0	0	0	0	0	0	13	0	63	0	0	0	0	0	0	0	0	0	625	91	534	15	76	0	0	3	63	0	0
Jul-14	472	13	0	0	1	0	0	0	0	1	0	11	0	55	0	0	0	0	0	0	0	0	0	554	82	472	15	67	0	0	3	56	0	0
Aug-14	500	10	0	0	1	0	0	0	0	0	0	9	0	48	0	0	0	0	0	0	0	0	0	568	68	500	11	57	0	0	1	48	0	0
Sep-14	858	2	0	1	0	0	0	0	0	0	0	5	0	28	1	0	0	0	0	0	0	0	0	895	37	858	3	35	0	0	1	28	0	0
<b>Total</b>	<b>4535</b>	<b>65</b>	<b>0</b>	<b>6</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>91</b>	<b>0</b>	<b>362</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5073</b>	<b>538</b>	<b>4535</b>	<b>83</b>	<b>461</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>363</b>	<b>0</b>	<b>0</b>	

Month	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	Presumptive	Self Treatment		
Oct-13	2	0	0	0	0	1	0	0	0	0	0	30	0	0	0	0	0	3	0	0	3	0	0	1	7	0	0	0	0	0	0	0	0	47	
Nov-13	1	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	1	0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	42
Dec-13	2	0	0	0	0	1	0	0	0	0	0	22	0	0	0	0	0	2	0	0	5	0	0	2	7	0	0	0	0	0	0	0	1	41	
Jan-14	0	0	0	0	0	1	0	0	0	0	0	23	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0	0	1	28		
Feb-14	0	0	0	0	0	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	16		
Mar-14	1	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	17		
Apr-14	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0	16		
May-14	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	3	1	0	5	0	0	0	9	0	0	0	0	0	0	1	49		
Jun-14	2	0	1	0	0	2	0	0	0	1	0	43	0	0	0	0	0	3	0	1	16	0	0	4	17	0	0	0	0	0	0	0	90		
Jul-14	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	2	6	0	3	0	0	1	12	0	0	0	0	0	0	0	79		
Aug-14	1	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	5	3	0	1	0	0	0	3	0	0	0	0	0	0	0	68		
Sep-14	0	0	0	0	0	0	0	0	0	0	1	27	0	0	0	0	0	1	0	0	3	0	0	0	3	0	0	0	0	0	0	0	35		
<b>Total</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>346</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>10</b>	<b>1</b>	<b>47</b>	<b>0</b>	<b>8</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>528</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

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-13	54	0	2	0	0	0	0	48	0	4	0	0	0	4
	Nov-13	53	1	0	0	0	0	0	50	0	2	0	0	0	2
	Dec-13	33	2	2	0	0	0	0	27	0	2	0	0	0	1
	Jan-14	38	1	0	0	0	0	0	33	0	4	0	0	0	2
	Feb-14	30	0	0	0	0	0	0	29	0	1	0	0	0	2
	Mar-14	52	0	0	0	0	0	0	49	0	3	0	0	0	3
	Apr-14	34	0	0	0	0	0	0	34	0	0	0	0	0	2
	May-14	63	1	1	0	0	0	0	60	0	1	0	0	0	2
	Jun-14	49	4	5	0	0	0	0	32	0	8	0	0	0	8
	Jul-14	49	2		0		0		36	0	11	0	0	0	2
	Aug-14	48	4		0		0		41	0	3	0	0	0	4
	Sep-14	83	1		0		0		76	0	5	0	0	0	5
	<b>Total</b>	<b>586</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>515</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37</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=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  
 DUO=Duocotecxin 3 mg/kg x 2D  
 AMQ=Amodiaquine 10 mg/kg/day x 3D

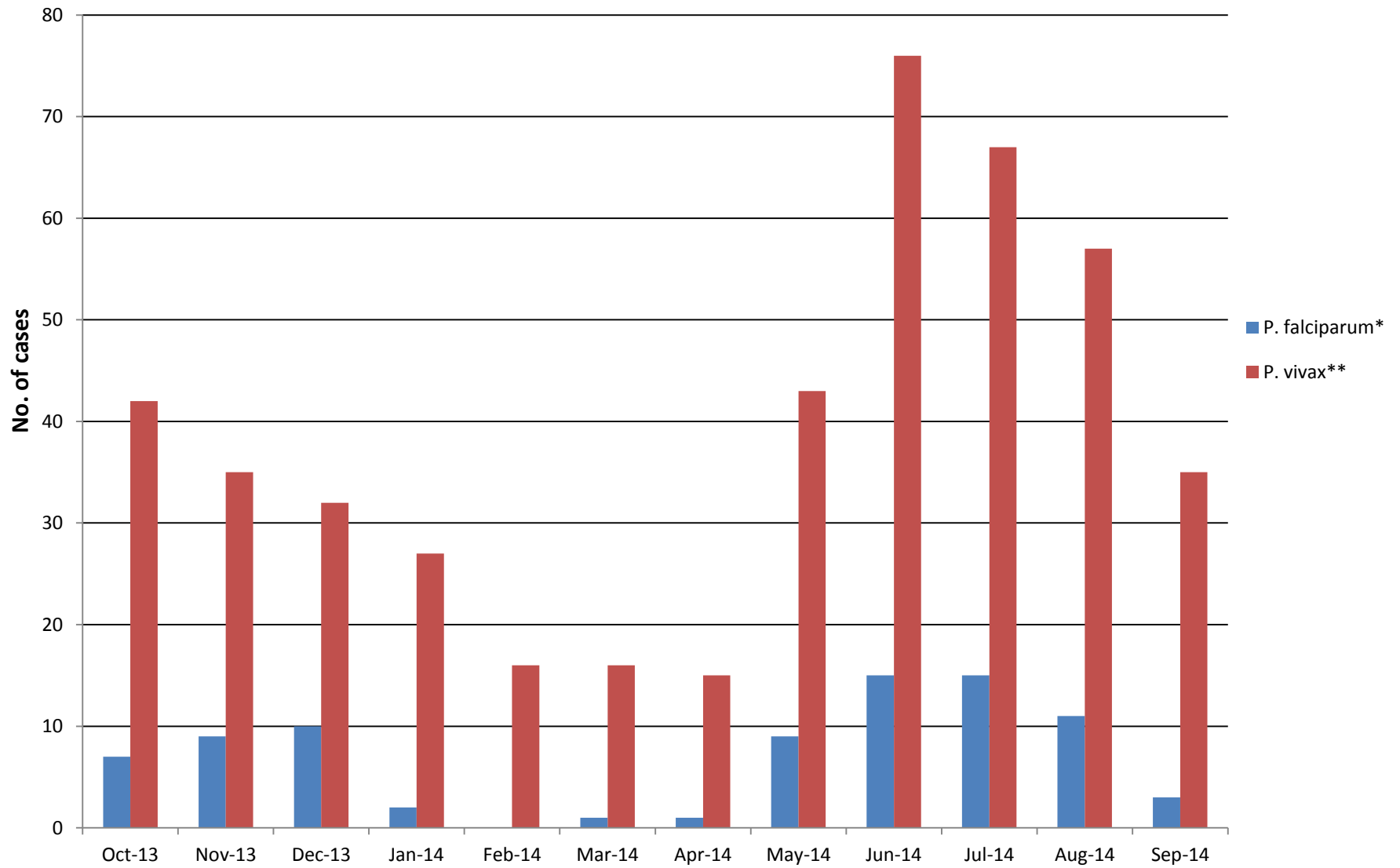
- \*\*PFT+PVT" are counted both as pf and pv
- \*\*trophozoite+gametocyte" are counted as both trophozoite and gametocyte
- \*\*pfg+pvg" are counted as both pfg and pvg
- \*\*pft+other = pft mix with pmt or pot
- \*\*pvt+other = pvt mix with pmt+pot

\*Malaria Cases in Mawker thai (by age and sex grop)\*

Month	Neg										PF										PV										%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 Positive	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													
Oct-13	97	74	171	53	49	102	82	118	200	473	0	0	0	0	0	0	6	1	7	7	4	2	6	6	5	11	13	12	25	42	49	522	36.2	21.6	42.3	0.0	0.0	100.0	14.3	26.2	59.5	
Nov-13	39	24	63	28	29	57	42	46	88	208	0	0	0	0	1	1	7	1	8	9	2	0	2	7	4	11	14	8	22	35	44	252	30.3	27.4	42.3	0.0	11.1	88.9	5.7	31.4	62.9	
Dec-13	39	40	79	19	17	36	42	64	106	221	0	3	3	0	0	0	6	1	7	10	1	2	3	5	8	13	8	8	16	32	42	263	35.7	16.3	48.0	30.0	0.0	70.0	9.4	40.6	50.0	
Jan-14	16	11	27	21	13	34	26	22	48	109	0	0	0	0	0	0	2	0	2	2	4	3	7	3	3	6	8	6	14	27	29	138	24.8	31.2	44.0	0.0	0.0	100.0	25.9	22.2	51.9	
Feb-14	68	51	119	30	23	53	43	48	91	263	0	0	0	0	0	0	0	0	0	0	1	2	3	4	2	6	1	6	7	16	16	279	45.2	20.2	34.6	0.0	0.0	0.0	18.8	37.5	43.8	
Mar-14	58	39	97	25	32	57	64	48	112	266	0	0	0	0	0	0	0	0	1	1	1	4	0	4	1	1	2	3	7	10	16	17	283	36.5	21.4	42.1	0.0	0.0	100.0	25.0	12.5	62.5
Apr-14	59	47	106	34	32	66	72	53	125	297	0	0	0	0	1	1	0	0	0	1	2	1	3	4	1	5	1	6	7	15	16	313	35.7	22.2	42.1	0.0	100.0	0.0	20.0	33.3	46.7	
May-14	87	60	147	41	46	87	49	51	100	334	0	1	1	0	1	1	6	1	7	9	3	2	5	8	5	13	13	12	25	43	52	386	44.0	26.0	29.9	11.1	11.1	77.8	11.6	30.2	58.1	
Jun-14	75	87	162	70	71	141	106	125	231	534	0	0	0	2	2	4	7	4	11	15	5	3	8	18	12	30	26	12	38	76	91	625	30.3	26.4	43.3	0.0	26.7	73.3	10.5	39.5	50.0	
Jul-14	73	50	123	61	69	130	94	125	219	472	0	0	0	4	0	4	9	2	11	15	3	3	6	10	7	17	20	24	44	67	82	554	26.1	27.5	46.4	0.0	26.7	73.3	9.0	25.4	65.7	
Aug-14	61	74	135	72	63	135	116	114	230	500	1	0	1	0	0	0	6	4	10	11	13	7	20	13	14	27	3	7	10	57	68	568	27.0	27.0	46.0	9.1	0.0	90.9	35.1	47.4	17.5	
Sep-14	129	98	227	86	76	162	175	294	469	858	0	0	0	1	1	2	1	0	1	3	1	3	4	8	3	11	12	8	20	35	38	896	26.5	18.9	54.7	0.0	66.7	33.3	11.4	31.4	57.1	
<b>TOTAL</b>	<b>801</b>	<b>655</b>	<b>1456</b>	<b>540</b>	<b>520</b>	<b>1060</b>	<b>911</b>	<b>1108</b>	<b>2019</b>	<b>4535</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>13</b>	<b>50</b>	<b>15</b>	<b>65</b>	<b>83</b>	<b>43</b>	<b>28</b>	<b>71</b>	<b>87</b>	<b>65</b>	<b>152</b>	<b>122</b>	<b>116</b>	<b>238</b>	<b>461</b>	<b>544</b>	<b>5079</b>	<b>32.1</b>	<b>23.4</b>	<b>44.5</b>	<b>6.0</b>	<b>15.7</b>	<b>78.3</b>	<b>15.4</b>	<b>33.0</b>	<b>51.6</b>	

Mix infections ( pf+pv ) are counted both as PF and PV

### Malaria Cases in Mawker Thai





Munruchai (from 01/Oct/2012 - 30/Sep/2013)

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	PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	Total Test	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG
Oct-13	205	1	0	0	0	0	0	0	0	0	0	4	0	12	0	0	0	0	0	0	0	0	222	17	205	1	16	0	0	12	0	0	
Nov-13	128	1	0	0	0	0	0	0	0	0	0	1	0	10	0	0	0	0	0	0	0	0	140	12	128	1	11	0	0	10	0	0	
Dec-13	109	4	0	0	0	0	0	0	0	0	0	1	0	9	0	0	0	0	0	0	0	0	123	14	109	4	10	0	0	9	0	0	
Jan-14	283	0	0	0	1	0	0	0	0	0	0	3	0	5	0	0	1	0	0	0	0	0	293	10	283	1	8	1	0	1	5	0	0
Feb-14	156	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	159	3	156	0	2	1	0	0	2	0	0
Mar-14	108	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	111	3	108	0	2	0	0	0	2	0	0
Apr-14	166	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	168	2	166	0	2	0	0	0	2	0	0
May-14	127	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	132	5	127	2	3	0	0	0	3	0	0
Jun-14	217	0	0	0	0	0	0	0	0	0	0	9	0	20	0	0	0	0	0	0	0	0	246	29	217	0	29	0	0	0	20	0	0
Jul-14	253	4	0	0	0	0	0	0	0	0	0	7	0	32	0	0	0	0	0	0	0	0	296	43	253	4	39	0	0	0	32	0	0
Aug-14	225	0	0	0	0	0	0	0	0	0	0	7	0	23	0	0	0	0	0	0	0	0	255	30	225	0	30	0	0	0	23	0	0
Sep-14	240	1	0	1	0	0	0	0	0	0	0	3	0	7	0	0	0	0	0	0	0	0	252	12	240	2	11	0	0	0	7	0	0
<b>Total</b>	<b>2217</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>128</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2397</b>	<b>180</b>	<b>2217</b>	<b>15</b>	<b>164</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>128</b>	<b>0</b>	<b>0</b>

Month	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	Presumptive	Self Treatment	
Oct-13	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	17
Nov-13	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12
Dec-13	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	14
Jan-14	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Feb-14	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	0	0	0	3
Mar-14	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	0	0	0	3
Apr-14	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	0	0	0	2
May-14	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4
Jun-14	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Jul-14	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	43
Aug-14	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Sep-14	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178</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 + Piperaquine 12.8mg/kg x 3D  
 MASF=Fixecd 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 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

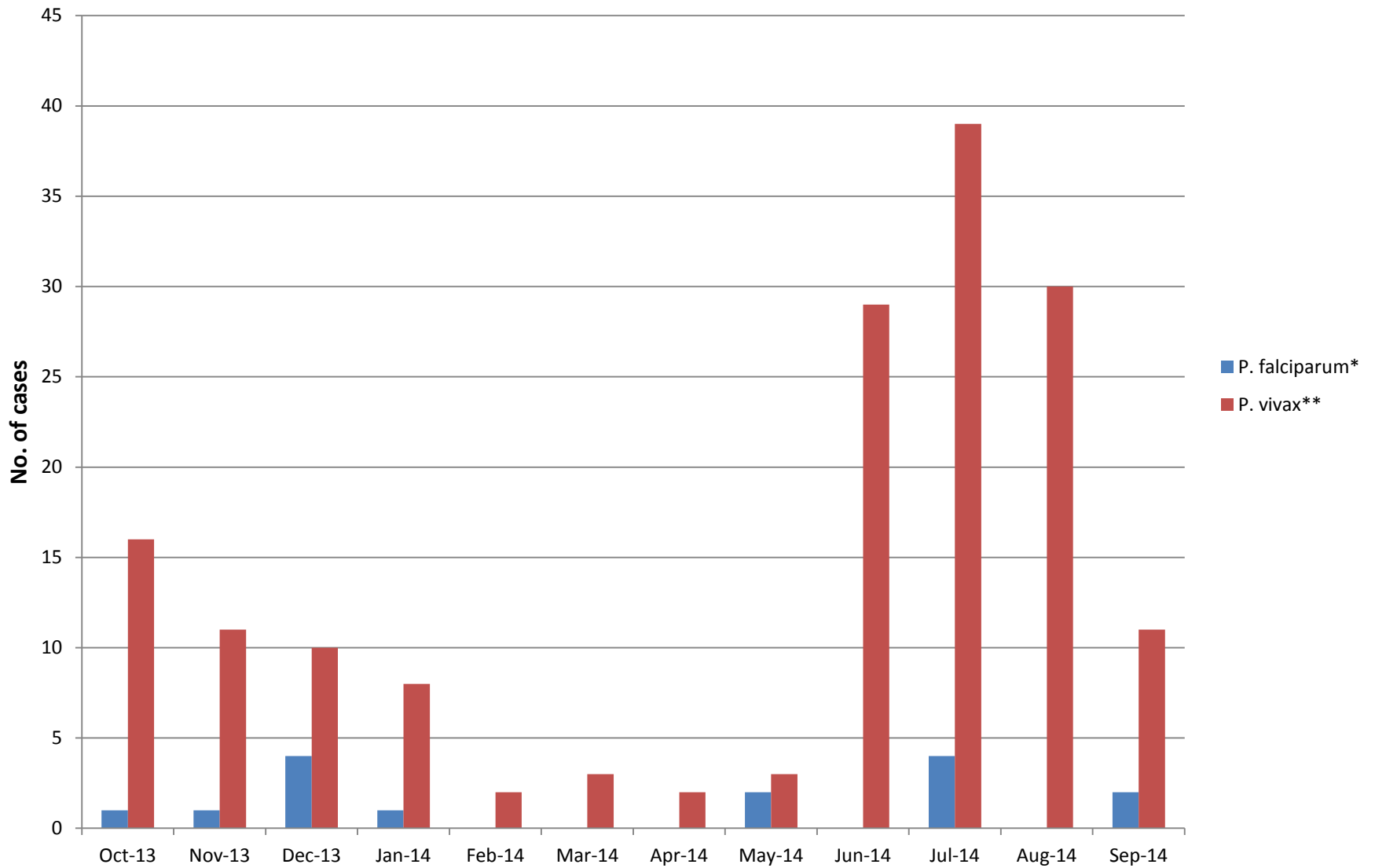
\*\*PFT+PVT" are counted both as pf and pv  
 \*\*"trophozoite+gametocyte" are counted as both trophozoite and gametocyte  
 \*\*"pfg+pvvg" are counted as both pfg and pvvg  
 \*\*"pft+other = pft mix with pmt or pot  
 \*\*"pvt+other = pvt mix with pmt+pot

\*Malaria Cases in Munruchai (by age and sex group)\*

Month	Neg									PF									PV									Total positive	Total Test	%NEG			%PF			%PV						
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV	Total Test	<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y		
	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
Oct-13	38	35	73	21	34	55	30	47	77	205	0	0	0	0	1	1	0	0	0	1	0	0	0	3	5	8	6	1	7	16	17	222	35.6	26.8	37.6	0.0	100.0	0.0	6.3	50.0	43.8	
Nov-13	21	22	43	15	18	33	28	24	52	128	0	0	0	0	0	0	1	0	0	1	0	0	0	3	4	7	2	2	4	11	12	140	33.6	25.8	40.6	0.0	100.0	0.0	0.0	63.6	36.4	
Dec-13	18	17	35	14	14	28	21	25	46	109	0	2	2	0	0	0	2	0	2	4	0	2	2	3	2	5	2	1	3	10	14	123	32.1	25.7	42.2	50.0	0.0	50.0	20.0	50.0	30.0	
Jan-14	48	35	83	26	38	64	63	73	136	283	0	1	1	0	0	0	0	0	0	1	0	2	2	3	1	4	1	1	2	8	9	292	29.3	22.6	48.1	100.0	0.0	0.0	25.0	50.0	25.0	
Feb-14	13	21	34	44	37	81	19	22	41	156	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	2	158	21.8	51.9	26.3	0.0	0.0	0.0	0.0	50.0	50.0	
Mar-14	22	21	43	12	15	27	22	16	38	108	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	3	3	111	39.8	25.0	35.2	0.0	0.0	0.0	0.0	66.7	33.3	
Apr-14	26	28	54	23	24	47	35	30	65	166	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	2	168	32.5	28.3	39.2	0.0	0.0	0.0	0.0	50.0	50.0		
May-14	30	32	62	15	14	29	14	22	36	127	0	1	1	1	0	1	0	0	0	2	0	0	0	1	1	2	1	0	1	3	5	132	48.8	22.8	28.3	50.0	50.0	0.0	0.0	66.7	33.3	
Jun-14	38	40	78	31	36	67	24	48	72	217	0	0	0	0	0	0	0	0	0	1	3	4	3	8	11	11	3	14	29	29	246	35.9	30.9	33.2	0.0	0.0	0.0	13.8	37.9	48.3		
Jul-14	27	29	56	39	30	69	75	53	128	253	0	0	0	1	0	1	1	2	3	4	0	4	4	10	6	16	13	6	19	39	43	296	22.1	27.3	50.6	0.0	25.0	75.0	10.3	41.0	48.7	
Aug-14	30	23	53	41	37	78	40	54	94	225	0	0	0	0	0	0	0	0	0	3	1	4	7	6	13	7	6	13	30	30	255	23.6	34.7	41.8	0.0	0.0	0.0	13.3	43.3	43.3		
Sep-14	44	52	96	30	35	65	43	36	79	240	0	0	0	1	0	1	1	0	1	2	1	2	3	2	1	3	4	1	5	11	13	253	40.0	27.1	32.9	0.0	50.0	50.0	27.3	27.3	45.5	
<b>Total</b>	<b>355</b>	<b>355</b>	<b>710</b>	<b>311</b>	<b>332</b>	<b>643</b>	<b>414</b>	<b>450</b>	<b>864</b>	<b>2217</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>7</b>	<b>15</b>	<b>5</b>	<b>15</b>	<b>20</b>	<b>37</b>	<b>36</b>	<b>73</b>	<b>49</b>	<b>22</b>	<b>71</b>	<b>164</b>	<b>179</b>	<b>2396</b>	<b>32.0</b>	<b>29.0</b>	<b>39.0</b>	<b>26.7</b>	<b>26.7</b>	<b>46.7</b>	<b>12.2</b>	<b>44.5</b>	<b>43.3</b>	

\* Diagnosis Of Malaria with Paracheck Sept 02: Microscopy again-  
 \* Mix infections (Pf+Pv) are counted both as Pf and Pv

### Malaria Cases in Munruchai



Wang Pa (from 01/Oct/2012 - 30/Sep-2013)

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	PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	Total Test	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG	Total POG
Oct-13	998	27	0	0	0	0	0	0	0	0	0	83	0	24	0	0	0	0	0	0	0	0	0	1132	134	998	27	107	0	0	0	24	0	0
Nov-13	918	53	0	0	3	0	0	0	0	0	0	91	0	20	0	0	0	0	0	0	0	0	0	1085	167	918	56	111	0	0	3	20	0	0
Dec-13	828	42	0	0	1	0	0	0	0	0	0	85	1	25	0	0	0	0	0	0	0	0	0	982	154	828	43	111	0	0	1	25	0	0
Jan-14	678	13	0	0	2	0	0	0	0	0	0	63	0	15	0	0	1	0	0	0	0	0	0	772	94	678	15	78	0	0	2	16	0	0
Feb-14	603	5	0	0	0	0	0	0	0	0	0	41	0	14	0	0	0	0	0	0	0	0	0	663	60	603	5	55	0	0	0	14	0	0
Mar-14	746	9	0	0	0	1	0	0	0	0	0	57	0	13	0	0	0	0	0	0	0	0	0	826	80	746	10	70	0	0	0	14	0	0
Apr-14	514	10	0	0	0	0	0	0	0	0	0	32	0	21	0	0	0	0	0	0	0	0	0	577	63	514	10	53	0	0	0	21	0	0
May-14	311	4	0	1	2	0	0	0	0	0	0	23	0	20	0	0	0	1	1	0	0	0	0	363	52	311	7	44	2	0	2	20	1	0
Jun-14	392	14	0	1	0	0	0	0	0	0	0	18	0	80	0	0	0	0	0	0	0	0	0	505	113	392	15	99	0	0	0	80	0	0
Jul-14	744	20	0	0	2	0	1	0	1	0	0	35	0	74	0	0	0	0	1	0	0	0	0	878	134	744	24	111	1	0	4	75	1	0
Aug-14	701	5	0	0	3	0	0	0	0	0	0	15	0	41	0	0	0	0	0	0	0	0	0	765	64	701	8	56	0	0	3	41	0	0
Sep-14	578	0	0	0	0	0	0	0	0	0	0	13	0	22	0	0	0	0	0	0	0	0	0	613	35	578	0	35	0	0	0	22	0	0
<b>Total</b>	<b>8011</b>	<b>202</b>	<b>0</b>	<b>2</b>	<b>13</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>556</b>	<b>1</b>	<b>369</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9161</b>	<b>1150</b>	<b>8011</b>	<b>220</b>	<b>930</b>	<b>3</b>	<b>0</b>	<b>15</b>	<b>372</b>	<b>2</b>	<b>0</b>	

Month	Treatment																																	
	Mas3	Mas7	A7D7	A7	AS5	COA	SQ7	Q7D7	Q7T7	Q7C7	A7C7	CHQ3	ATK3	IMASF	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	Presumptive	Self Treatment	Total	
Oct-13	0	0	0	0	0	0	1	0	0	0	0	93	0	0	0	0	0	16	0	0	0	0	0	1	11	0	0	1	0	0	0	1	123	
Nov-13	0	0	0	0	0	1	0	0	0	0	1	100	0	0	0	0	0	18	1	0	0	0	0	0	40	0	0	0	0	0	0	0	161	
Dec-13	3	0	0	0	0	0	0	0	0	0	0	94	0	0	0	0	0	12	2	0	0	0	0	0	32	0	0	0	1	0	0	0	144	
Jan-14	0	0	0	0	0	2	0	0	0	0	0	65	0	0	0	0	7	1	0	0	0	0	0	1	12	0	0	0	0	0	0	0	88	
Feb-14	2	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	3	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	60	
Mar-14	1	0	0	1	0	0	0	0	0	0	0	65	0	0	0	0	3	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	80	
Apr-14	0	0	0	0	1	0	0	0	0	0	0	42	0	0	0	0	4	0	0	8	0	0	0	8	0	0	0	0	0	0	0	0	63	
May-14	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	1	0	4	0	0	0	10	0	0	0	1	0	0	0	0	52	
Jun-14	2	0	0	0	0	1	0	0	0	0	0	64	0	0	0	0	2	5	1	23	0	0	1	24	0	0	0	0	0	0	0	0	123	
Jul-14	2	0	0	0	1	1	0	0	0	0	0	85	0	0	0	0	11	7	0	10	0	0	2	10	0	0	0	2	0	0	0	0	131	
Aug-14	2	0	0	1	0	1	0	0	0	0	0	42	0	0	0	0	4	0	0	7	0	0	0	5	0	0	0	0	0	0	0	0	0	62
Sep-14	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	33
<b>Total</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>764</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>17</b>	<b>1</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>168</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1120</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

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-13	53	2	1	0	0	0	0	49	0	1	0	0	0	6
Nov-13	59	1	1	0	0	0	0	56	0	1	0	0	0	5
Dec-13	50	5	2	0	0	0	0	40	0	3	0	0	0	2
Jan-14	30	1	0	1	0	0	0	23	0	5	0	0	0	2
Feb-14	25	2	0	0	0	0	0	22	0	1	0	0	0	2
Mar-14	42	1	0	0	0	0	0	37	0	4	0	0	0	1
Apr-14	60	0	0	0	0	0	0	57	0	3	0	0	0	2
May-14	65	0	1	0	0	0	0	62	0	2	0	0	0	6
Jun-14	61	3	3	0	0	0	0	45	0	10	0	0	0	3
Jul-14	85	4		2		0		65	0	14	0	0	0	8
Aug-14	64	1		0		0		50	0	13	0	0	0	3
Sep-14	63	0		0		0		57	0	6	0	0	0	1
<b>Total</b>	<b>657</b>	<b>20</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>563</b>	<b>0</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>

**Treatment KEY**

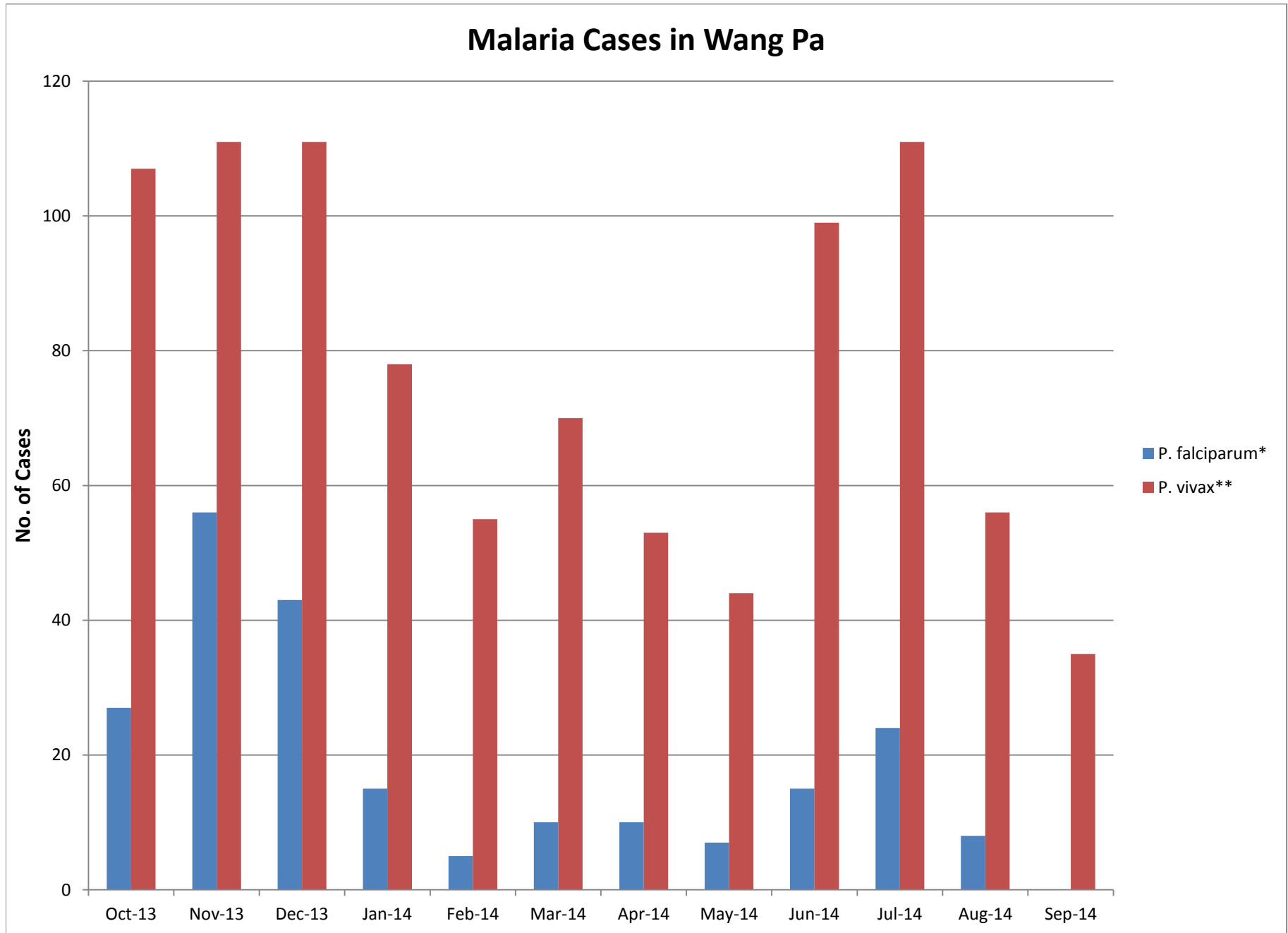
Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D  
 Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D  
 A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D  
 A7= Artesunate 2mg/kg x 7D  
 COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)  
 SQ7=Supervised Quinine 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=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

\*\*"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

Month	Neg									PF									PV									%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 Positive	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													
Oct-13	193	162	355	126	120	246	197	200	397	998	1	4	5	9	2	11	246	9	2	11	27	15	11	26	17	12	29	34	18	52	107	134	1132	298.0	305.1	496.9	123.3	296.7	280.0	261.4	245.5	393.1
Nov-13	175	169	344	109	102	211	191	172	363	918	2	3	5	12	5	17	29	5	34	56	13	9	22	18	13	31	44	14	58	111	167	1085	337.7	294.8	467.5	88.2	315.5	396.3	190.9	353.9	555.1	
Dec-13	164	103	267	69	102	171	213	177	390	828	5	1	6	4	12	16	12	9	21	43	12	8	20	18	20	38	35	18	53	111	154	982	331.6	249.2	519.3	147.0	463.5	289.6	235.6	385.2	479.3	
Jan-14	114	110	224	82	71	153	160	141	301	678	0	2	2	3	0	3	9	1	10	15	4	10	14	10	11	21	29	14	43	78	93	771	329.4	277.2	493.4	40.0	60.0	500.0	185.6	396.2	418.2	
Feb-14	112	76	188	86	75	161	125	129	254	603	0	0	0	0	1	1	4	0	4	5	5	7	12	9	7	16	15	12	27	55	60	663	254.1	311.4	534.5	0.0	100.0	300.0	283.0	232.8	384.2	
Mar-14	167	125	292	84	86	170	144	140	284	746	1	1	2	3	1	4	1	3	4	10	6	8	14	12	12	24	20	12	32	70	80	826	315.1	262.2	422.7	40.0	220.0	240.0	173.3	369.4	457.2	
Apr-14	124	95	219	60	67	127	58	110	168	514	1	2	3	1	3	4	2	1	3	10	4	5	9	10	11	21	11	12	23	53	63	577	515.1	306.1	278.8	150.0	133.3	116.7	191.7	430.0	278.3	
May-14	69	52	121	33	37	70	46	74	120	311	1	0	1	0	0	0	5	1	6	7	2	1	3	10	5	15	14	12	26	44	51	362	38.9	22.5	38.6	14.3	0.0	85.7	6.8	34.1	59.1	
Jun-14	61	69	130	48	38	86	77	99	176	392	0	0	0	2	0	2	7	6	13	15	5	4	9	19	10	29	30	31	61	99	114	506	33.2	21.9	44.9	0.0	13.3	86.7	9.1	29.3	61.6	
Jul-14	125	104	229	101	102	203	137	175	312	744	0	0	0	5	3	8	12	4	16	24	8	7	15	18	12	30	39	27	66	111	135	879	30.8	27.3	41.9	0.0	33.3	66.7	13.5	27.0	59.5	
Aug-14	83	84	167	118	103	221	166	147	313	701	0	0	0	2	2	4	1	3	4	8	4	2	6	12	8	20	18	12	30	56	64	765	23.8	31.5	44.7	0.0	50.0	50.0	10.7	35.7	53.6	
Sep-14	106	114	220	74	74	148	106	104	210	578	0	0	0	0	0	0	0	0	0	0	1	2	3	6	9	15	6	11	17	35	35	613	38.1	25.6	36.3	0.0	0.0	0.0	8.6	42.9	48.6	
<b>TOTAL</b>	<b>1493</b>	<b>1263</b>	<b>2756</b>	<b>990</b>	<b>977</b>	<b>1967</b>	<b>1620</b>	<b>1668</b>	<b>3288</b>	<b>8011</b>	<b>11</b>	<b>13</b>	<b>24</b>	<b>41</b>	<b>29</b>	<b>70</b>	<b>91</b>	<b>35</b>	<b>126</b>	<b>220</b>	<b>79</b>	<b>74</b>	<b>153</b>	<b>159</b>	<b>130</b>	<b>289</b>	<b>295</b>	<b>193</b>	<b>488</b>	<b>930</b>	<b>1150</b>	<b>9161</b>	<b>34.4</b>	<b>24.6</b>	<b>41.0</b>	<b>10.9</b>	<b>31.8</b>	<b>57.3</b>	<b>16.5</b>	<b>31.1</b>	<b>52.5</b>	

\*Diagnosis Of Malaria with Paracheck Sept 02:Microscopy again-

\*Mix infections (pf+pv) are counted both as pf and pv



Mae Kon Khen (from 01/Oct-2013 - 30Sep/2014)

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	PFG	PVT	PVT+OTHER	PVT+PVG	PVT+PFG	PVT+PVG+PFG	PVG	PMT	PMT+PMG	PMG	POT	POT+POG	POG	Total Test	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG	Total POG
Oct-13	205	5	0	0	2	1	0	1	0	0	0	16	0	23	0	0	0	0	0	0	0	0	0	253	48	205	9	40	0	0	2	25	0	0
Nov-13	148	6	0	0	0	0	0	0	0	0	0	6	0	13	0	0	0	0	0	0	0	0	0	173	25	148	6	19	0	0	0	13	0	0
Dec-13	76	3	0	0	0	0	0	0	0	0	0	2	0	11	0	0	0	0	0	0	0	0	0	92	16	76	3	13	0	0	0	11	0	0
Jan-14	130	0	0	0	0	0	0	0	0	0	0	3	0	5	0	0	0	0	0	0	0	0	0	138	8	130	0	8	0	0	0	5	0	0
Feb-14	92	0	0	0	0	1	0	0	0	0	0	3	0	11	0	0	0	0	0	0	0	0	0	107	15	92	1	14	0	0	0	12	0	0
Mar-14	65	0	0	0	0	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0	0	0	0	73	8	65	0	8	0	0	0	6	0	0
Apr-14	72	0	0	0	1	0	0	0	0	0	0	2	0	5	0	0	0	0	0	0	0	0	0	80	8	72	1	7	0	0	1	5	0	0
May-14	95	1	0	0	0	0	0	0	0	0	0	2	0	12	0	0	0	0	0	0	0	0	0	110	15	95	1	14	0	0	0	12	0	0
Jun-14	188	4	0	0	3	0	0	0	0	0	0	4	0	20	0	0	0	0	0	0	0	0	0	219	31	188	7	24	0	0	3	20	0	0
Jul-14	226	3	0	0	1	0	0	0	0	0	0	5	0	17	0	0	0	0	0	0	0	0	0	252	26	226	4	22	0	0	1	17	0	0
Aug-14	303	1	0	0	0	0	0	0	0	0	0	4	0	12	0	0	0	0	0	0	0	0	0	320	17	303	1	16	0	0	0	12	0	0
Sep-14	163	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	167	4	163	1	3	0	0	0	2	0	0
<b>Total</b>	<b>1763</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>137</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1984</b>	<b>221</b>	<b>1763</b>	<b>34</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>140</b>	<b>0</b>	<b>0</b>	

Month	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	Presumptive	Self Treatment		
Oct-13	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	48
Nov-13	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	2	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	24
Dec-13	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	3	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	16	
Jan-14	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Feb-14	1	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	15	
Mar-14	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Apr-14	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8	
May-14	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	14	
Jun-14	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	2	0	1	4	0	0	0	7	0	0	0	0	0	0	0	0	30	
Jul-14	1	0	0	0	1	0	0	0	0	0	0	20	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	26	
Aug-14	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	16	
Sep-14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	
<b>Total</b>	<b>3</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>0</b>	<b>0</b>	<b>157</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>3</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>215</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



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-13	5	0	1	0	0	0	0	4	0	0	0	0	0	0
	Nov-13	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Dec-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jan-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Feb-14	2	0	0	0	0	0	0	2	0	0	0	0	0	0
	Mar-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Apr-14	3	0	1	0	0	0	0	2	0	0	0	0	0	0
	May-14	5	0	0	0	0	0	0	5	0	0	0	0	0	0
	Jun-14	4	0	3	0	0	0	1	0	0	0	0	0	0	0
	Jul-14	8	0	0	0	0	0	2	0	6	0	0	0	0	0
	Aug-14	5	0	0	0	0	0	0	5	0	0	0	0	0	0
	Sep-14	5	0	0	0	0	0	0	5	0	0	0	0	0	0
	<b>Total</b>	<b>38</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>24</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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=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 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

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\*\*pfg+pvq" are counted as both pfg and pvq

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

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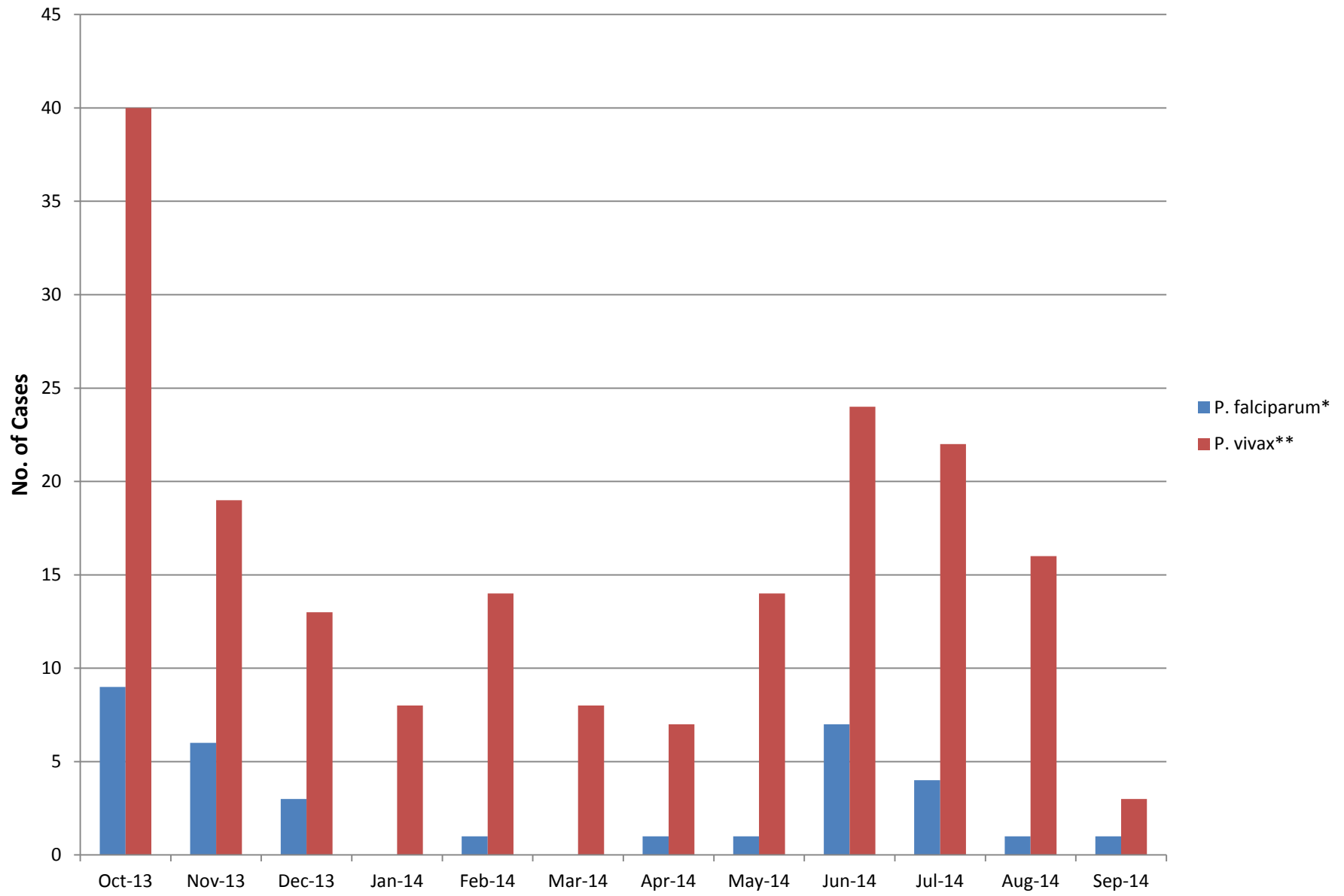
Month	Neg										PF										PV										Total positive	Total Test	%NEG			%PF			%PV		
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV			<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total												
Oct-13	25	34	59	36	25	61	49	36	85	205	0	1	1	1	0	1	7	0	7	9	1	2	3	9	6	15	17	5	22	40	49	254	36.4	82.0	81.6	11.1	11.1	77.8	11.5	77.5	111.0
Nov-13	22	20	42	14	10	24	46	36	82	148	0	0	0	1	0	1	4	1	5	6	0	1	1	2	1	3	13	2	15	19	25	173	39.0	51.0	110.0	0.0	100.0	100.0	7.7	41.0	151.3
Dec-13	6	11	17	8	6	14	25	20	45	76	0	0	0	0	0	2	1	3	3	0	1	1	2	2	4	7	1	8	13	16	92	24.6	33.1	142.2	0.0	0.0	100.0	9.1	77.3	113.6	
Jan-14	21	21	42	12	17	29	24	35	59	130	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	4	0	4	8	8	138	42.7	31.6	125.6	0.0	0.0	0.0	20.0	73.3	106.7
Feb-14	14	12	26	16	11	27	20	19	39	92	0	0	0	0	0	0	1	0	1	1	0	2	2	2	3	5	6	1	7	14	15	107	39.6	55.0	105.4	0.0	0.0	100.0	18.2	69.7	112.1
Mar-14	12	13	25	6	6	12	16	12	28	65	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5	1	6	8	8	73	88.1	19.0	92.9	0.0	0.0	0.0	0.0	25.0	75.0	
Apr-14	13	10	23	10	9	19	16	14	30	72	1	0	1	0	0	0	0	0	0	1	0	2	2	0	0	0	5	0	5	7	8	80	32.9	26.4	41.7	100.0	0.0	0.0	40.0	0.0	160.0
May-14	12	13	25	10	9	19	31	20	51	95	0	0	0	0	0	0	1	0	1	1	0	0	0	1	2	3	7	4	11	14	15	110	26.3	20.0	53.7	0.0	0.0	100.0	0.0	21.4	78.6
Jun-14	23	30	53	31	22	53	37	45	82	188	1	0	1	3	0	3	3	0	3	7	3	1	4	3	0	3	12	5	17	24	31	219	28.2	28.2	43.6	14.3	42.9	42.9	16.7	12.5	70.8
Jul-14	27	27	54	25	43	68	52	52	104	226	0	0	0	0	0	0	3	1	4	4	0	0	0	3	1	4	17	1	18	22	26	252	23.9	30.1	46.0	0.0	0.0	100.0	0.0	18.2	81.8
Aug-14	30	29	59	58	42	100	74	70	144	303	0	0	0	0	0	0	1	0	1	1	1	0	1	6	1	7	6	2	8	16	17	320	19.5	33.0	47.5	0.0	0.0	100.0	6.3	43.8	50.0
Sep-14	16	30	46	21	12	33	54	30	84	163	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	2	3	3	4	167	28.2	20.2	51.5	0.0	0.0	100.0	0.0	0.0	100.0
<b>Total</b>	<b>221</b>	<b>250</b>	<b>471</b>	<b>247</b>	<b>212</b>	<b>459</b>	<b>444</b>	<b>389</b>	<b>833</b>	<b>1763</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>22</b>	<b>4</b>	<b>26</b>	<b>34</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>30</b>	<b>19</b>	<b>49</b>	<b>100</b>	<b>24</b>	<b>124</b>	<b>188</b>	<b>222</b>	<b>1985</b>	<b>26.7</b>	<b>26.0</b>	<b>47.2</b>	<b>8.8</b>	<b>14.7</b>	<b>76.5</b>	<b>8.0</b>	<b>26.1</b>	<b>66.0</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

### Malaria Cases in Mae Kon Khen



Thay Ka Ya (from 01/Oct/2012 - 30/Sep/2013)

Month	Species																			Gametocyte												
	Neg	PFT	PFT+OTHER	PFT+PVT	PFT+PFG	PFT+PVG	PFT+PVT+PFG	PFT+PVT+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 Test	Total Positive	Total Neg	Total PF	Total PV	Total PM	Total Po	Total PFG	Total PVG	Total PMG
Oct-13	223	4	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	260	37	223	4	33	0	0	0	0	0	0
Nov-13	196	7	0	0	0	0	0	0	0	0	34	0	2	0	0	0	0	0	0	0	0	239	43	196	7	36	0	0	2	0	0	
Dec-13	148	7	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	178	30	148	7	23	0	0	0	0	0	
Jan-14	214	6	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	239	25	214	6	19	0	0	0	0	0	
Feb-14	140	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	155	15	140	1	14	0	0	0	0	0	
Mar-14	115	1	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	127	12	115	1	11	0	0	0	0	0	
Apr-14	142	0	0	0	0	0	0	0	0	0	17	0	1	0	0	0	0	0	0	0	0	160	18	142	0	18	0	0	1	0	0	
May-14	63	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	76	13	63	0	13	0	0	0	0	0	
Jun-14	77	6	0	1	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	109	32	77	7	26	0	0	0	0	0	
Jul-14	88	1	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	108	20	88	1	19	0	0	0	0	0	
Aug-14	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	0	
Sep-14	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	0	0
<b>Total</b>	<b>1406</b>	<b>33</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>202</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1651</b>	<b>245</b>	<b>1406</b>	<b>34</b>	<b>212</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Month	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	Presumptive	Self Treatment
Oct-13	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	0	0	36
Nov-13	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	0	0	43
Dec-13	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
Jan-14	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0	0	0	25	
Feb-14	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
Mar-14	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
Apr-14	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	
May-14	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
Jun-14	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	32	
Jul-14	1	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	
Aug-14	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	0	0	
Sep-14	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	0	0	
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>244</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  
 Q7T7=Quinine 10mg/kg/tid x 7D + Clindamycine 5mg/kg/tid x 7D  
 Q7C7=Artesunate 2mg/kg x 7D + Quinine 10mg/kg/tid x 7D  
 CHQ3=Chloroquine 25 mg/kg x 3D  
 DP = Dihydroartemisinin 1.6mg/kg + Piroperazine 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 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

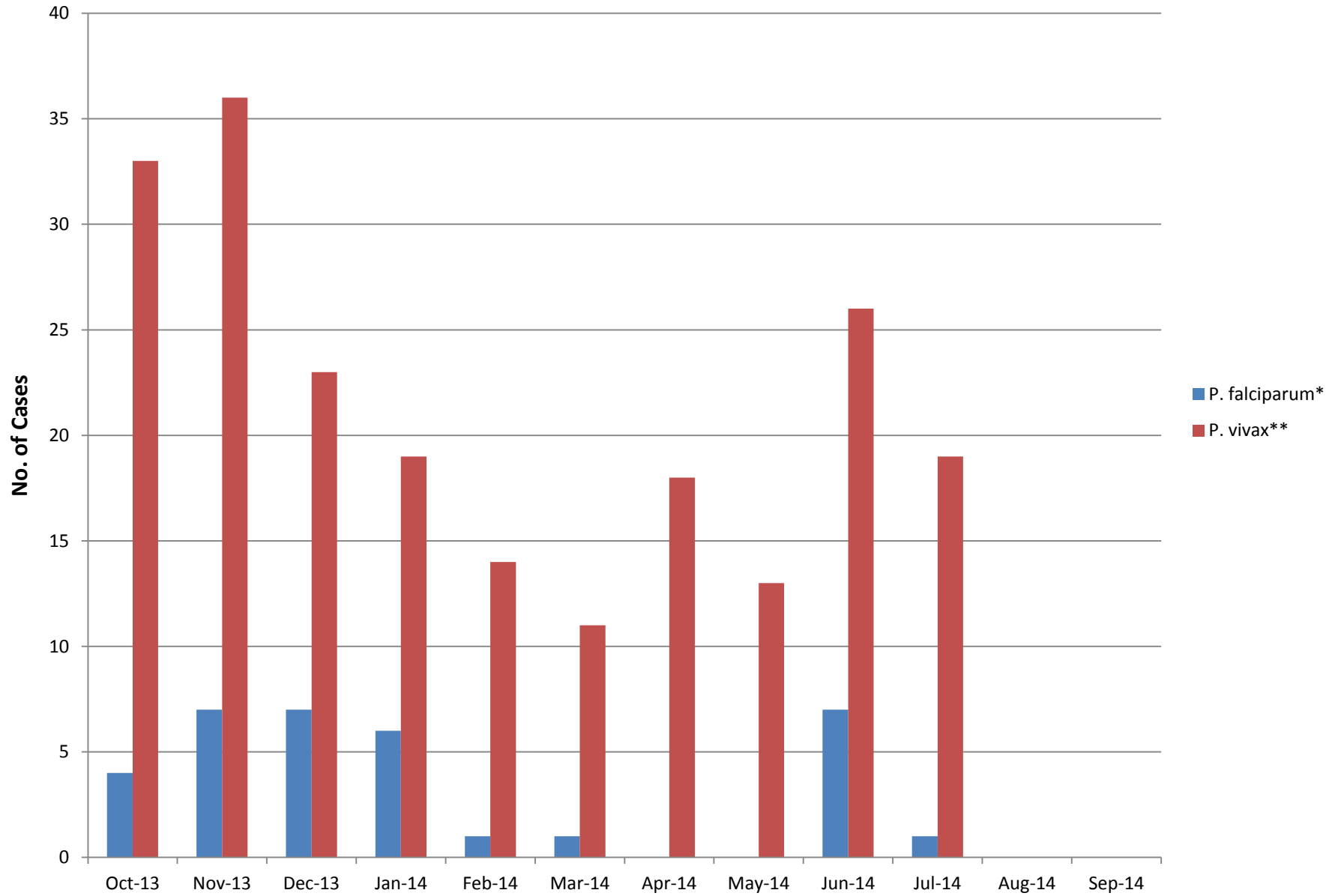
Month	Neg											PF											PV											Total positive	Total Test	%NEG			%PF			%PV		
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV	<5Y	5-15Y	>15Y			<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y			
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total															
Oct-13	35	24	59	26	26	52	49	63	112	223	0	0	0	1	1	2	2	0	2	4	0	0	0	10	6	16	11	6	17	33	37	260	138.4	137.5	324.0	0.0	150.0	150.0	0.0	190.0	210.0			
Nov-13	31	32	63	35	22	57	44	32	76	196	1	1	2	0	0	0	4	1	5	7	4	1	5	7	6	13	12	6	18	36	43	239	177.0	206.4	216.5	125.0	0.0	175.0	65.8	152.6	281.6			
Dec-13	17	16	33	13	18	31	46	38	84	148	1	1	2	0	1	1	3	1	4	7	1	2	3	5	3	8	8	4	12	23	30	178	81.0	114.0	405.0	66.7	33.3	200.0	127.8	141.1	331.1			
Jan-14	37	26	63	30	26	56	51	44	95	214	1	0	1	1	0	1	3	1	4	6	0	3	3	6	3	9	7	0	7	19	25	239	201.0	122.6	276.4	25.0	25.0	150.0	45.0	140.0	115.0			
Feb-14	20	22	42	16	14	30	40	28	68	140	0	0	0	1	0	1	0	0	0	1	1	1	2	4	1	5	5	2	7	14	15	155	130.8	278.9	190.3	0.0	100.0	0.0	41.7	100.0	158.3			
Mar-14	17	21	38	18	11	29	26	22	48	115	0	0	0	1	0	1	0	0	0	1	2	0	2	1	2	3	5	2	7	11	12	127	140.1	95.3	364.6	0.0	100.0	0.0	66.7	58.3	275.0			
Apr-14	25	23	48	25	24	49	17	28	45	142	0	0	0	0	0	0	0	0	0	0	2	1	3	4	4	8	5	2	7	18	18	160	254.2	125.1	220.7	0.0	0.0	0.0	60.0	130.0	110.0			
May-14	9	8	17	8	9	17	11	18	29	63	0	0	0	0	0	0	0	0	0	0	1	0	1	6	0	6	4	2	6	13	13	76	27.0	27.0	46.0	0.0	0.0	0.0	7.7	46.2	46.2			
Jun-14	7	11	18	12	10	22	18	19	37	77	1	0	1	0	3	3	2	1	3	7	1	2	3	7	4	11	6	6	12	26	33	110	23.4	28.6	48.1	14.3	42.9	42.9	11.5	42.3	46.2			
Jul-14	11	8	19	19	9	28	16	25	41	88	0	0	0	0	0	0	0	1	1	1	0	0	0	9	1	10	3	6	9	19	20	108	21.6	31.8	46.6	0.0	0.0	100.0	0.0	52.6	47.4			
Aug-14	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	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Sep-14	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	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total</b>	<b>209</b>	<b>191</b>	<b>400</b>	<b>202</b>	<b>169</b>	<b>371</b>	<b>318</b>	<b>317</b>	<b>635</b>	<b>1406</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>9</b>	<b>14</b>	<b>5</b>	<b>19</b>	<b>34</b>	<b>12</b>	<b>10</b>	<b>22</b>	<b>59</b>	<b>30</b>	<b>89</b>	<b>66</b>	<b>36</b>	<b>102</b>	<b>212</b>	<b>246</b>	<b>1652</b>	<b>28.4</b>	<b>26.4</b>	<b>45.2</b>	<b>17.6</b>	<b>26.5</b>	<b>55.9</b>	<b>10.4</b>	<b>42.0</b>	<b>48.1</b>			

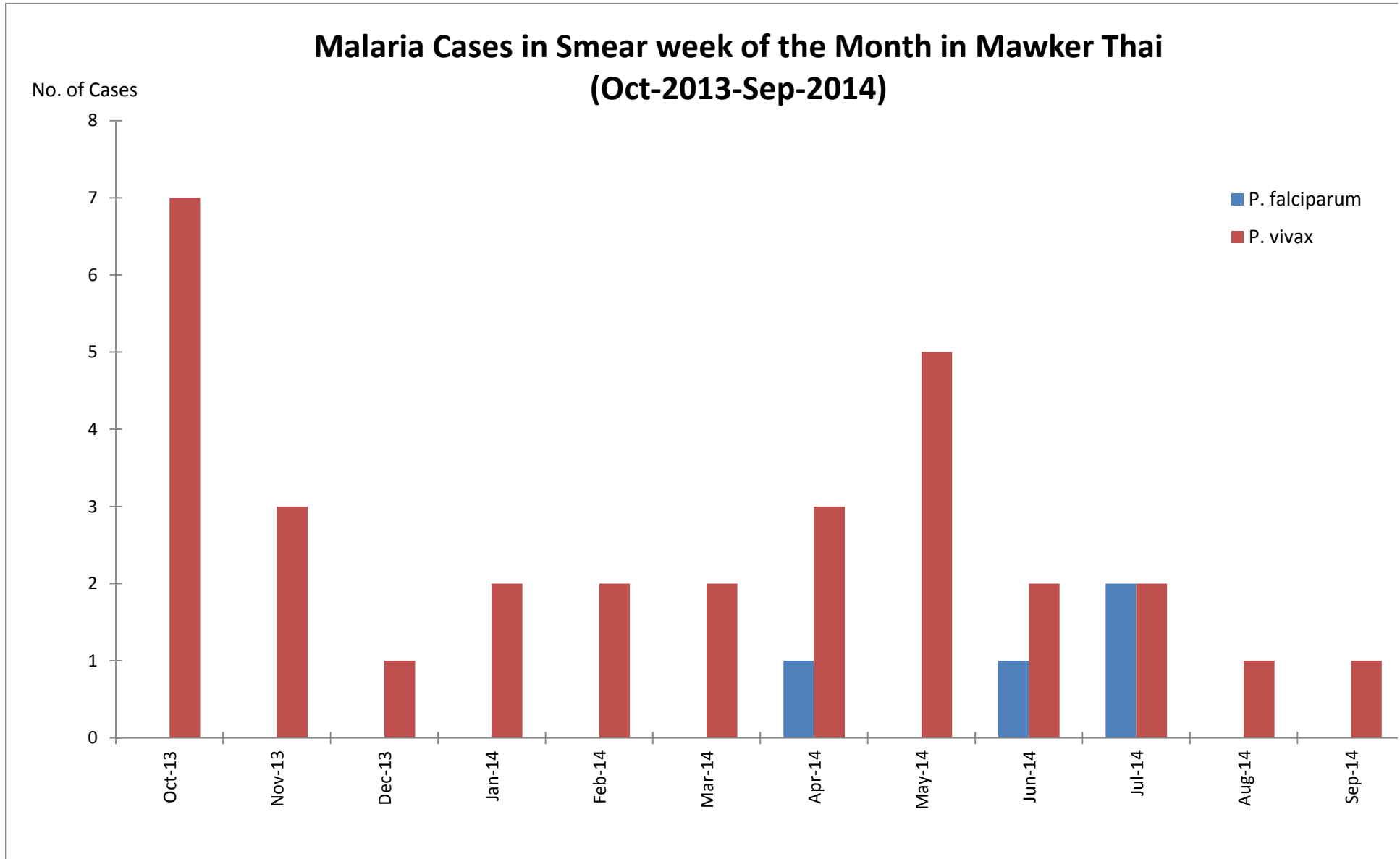
\*\*\*PFT+PVT" are counted both as PF and PV

\*\*\* Trophozite+gametocyte" are counted as both trophozoite and gametocyte

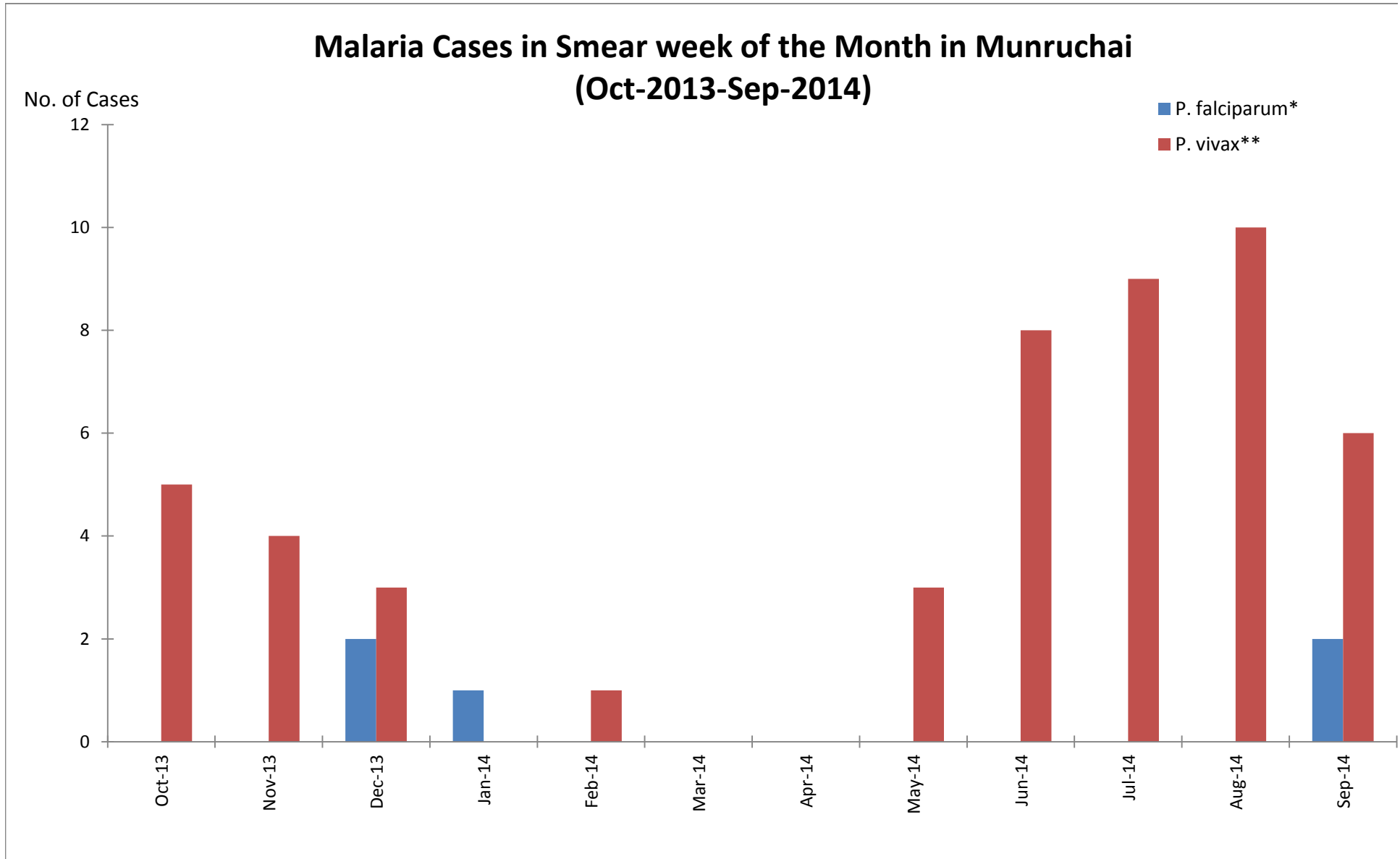
\*\*\*PFG+PVG" are counted as both PFG and PVG

### Malaria Cases in Thay Ka Ya





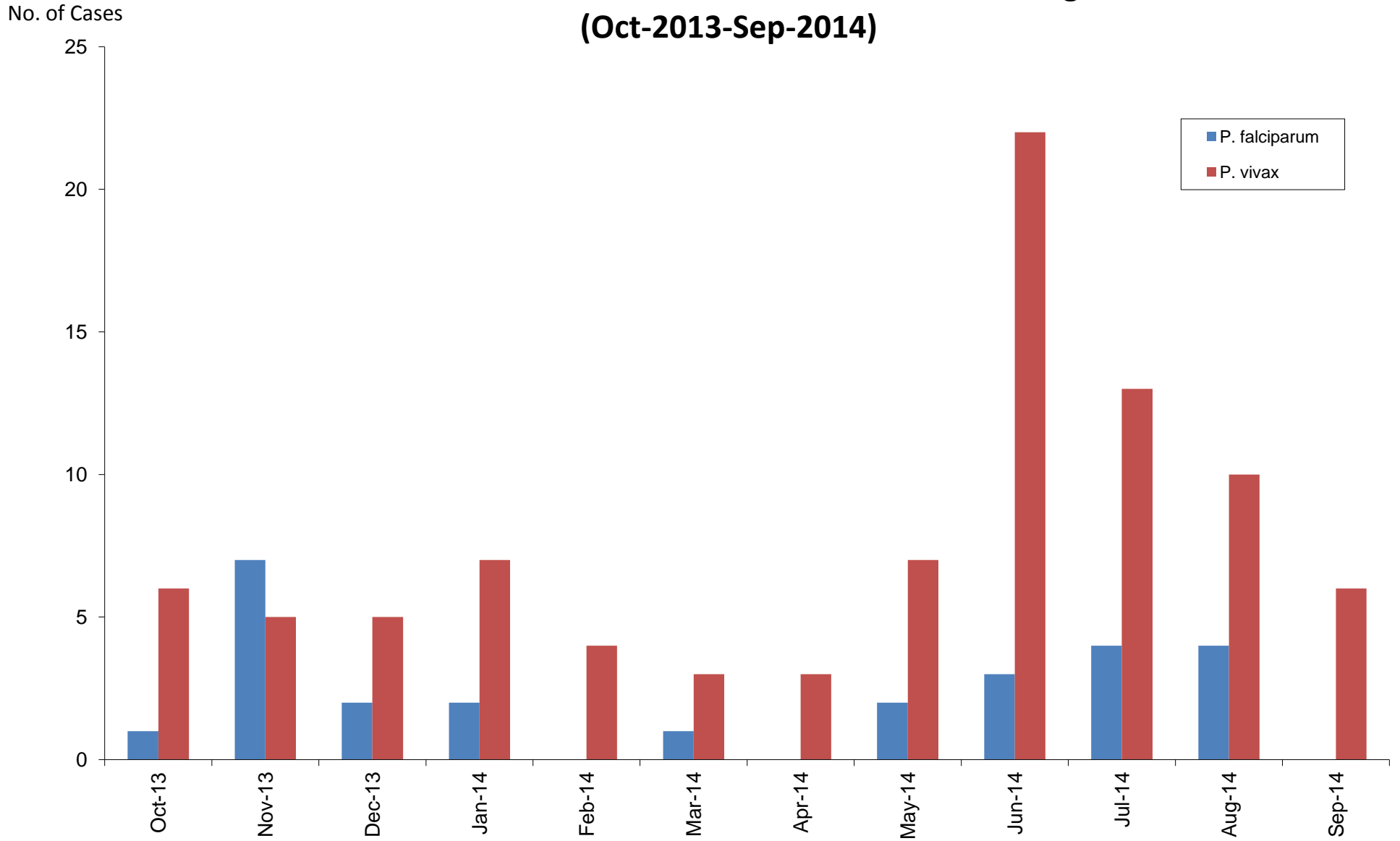
\* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.



\* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

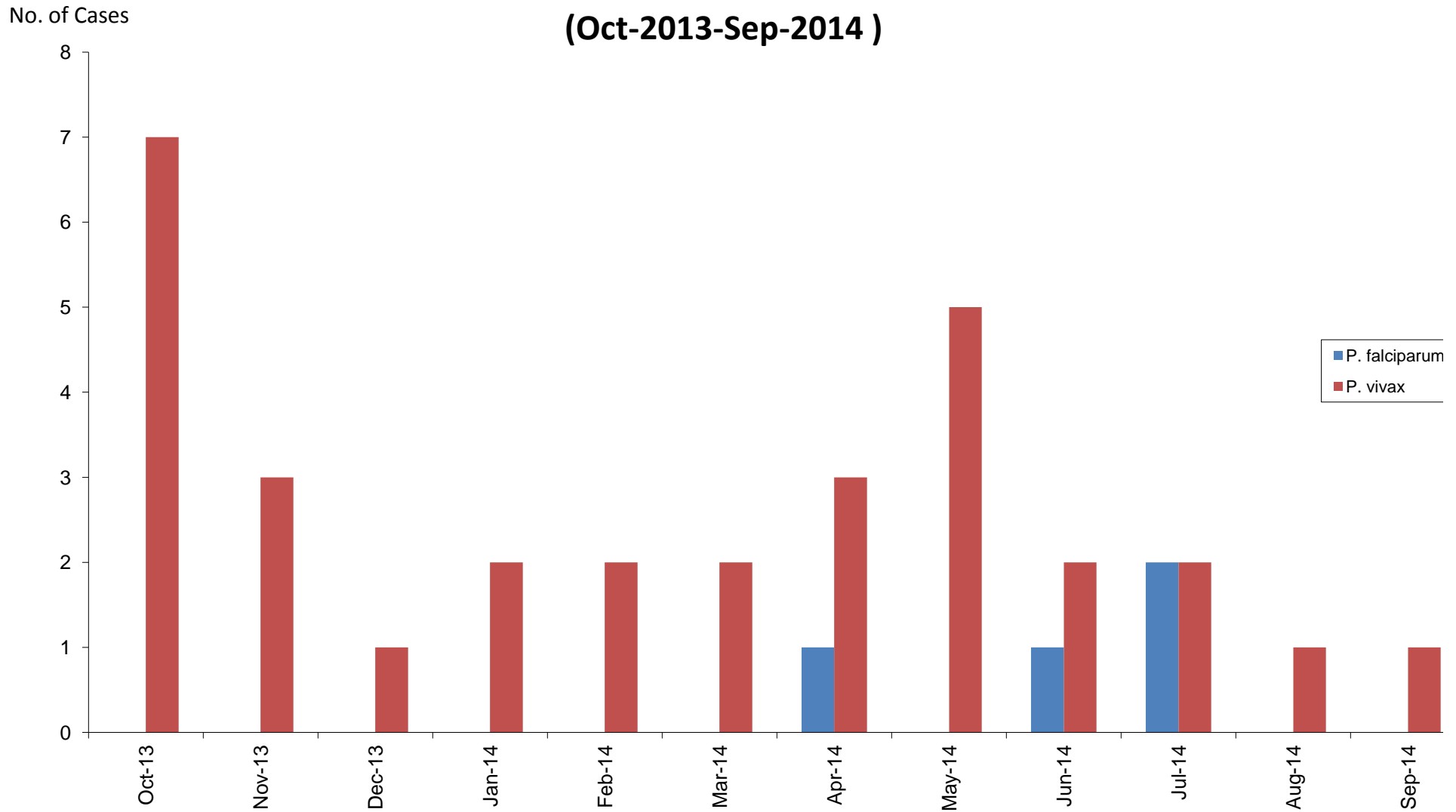


### Malaria Cases in Smear week of the Month in Wang Pa (Oct-2013-Sep-2014)



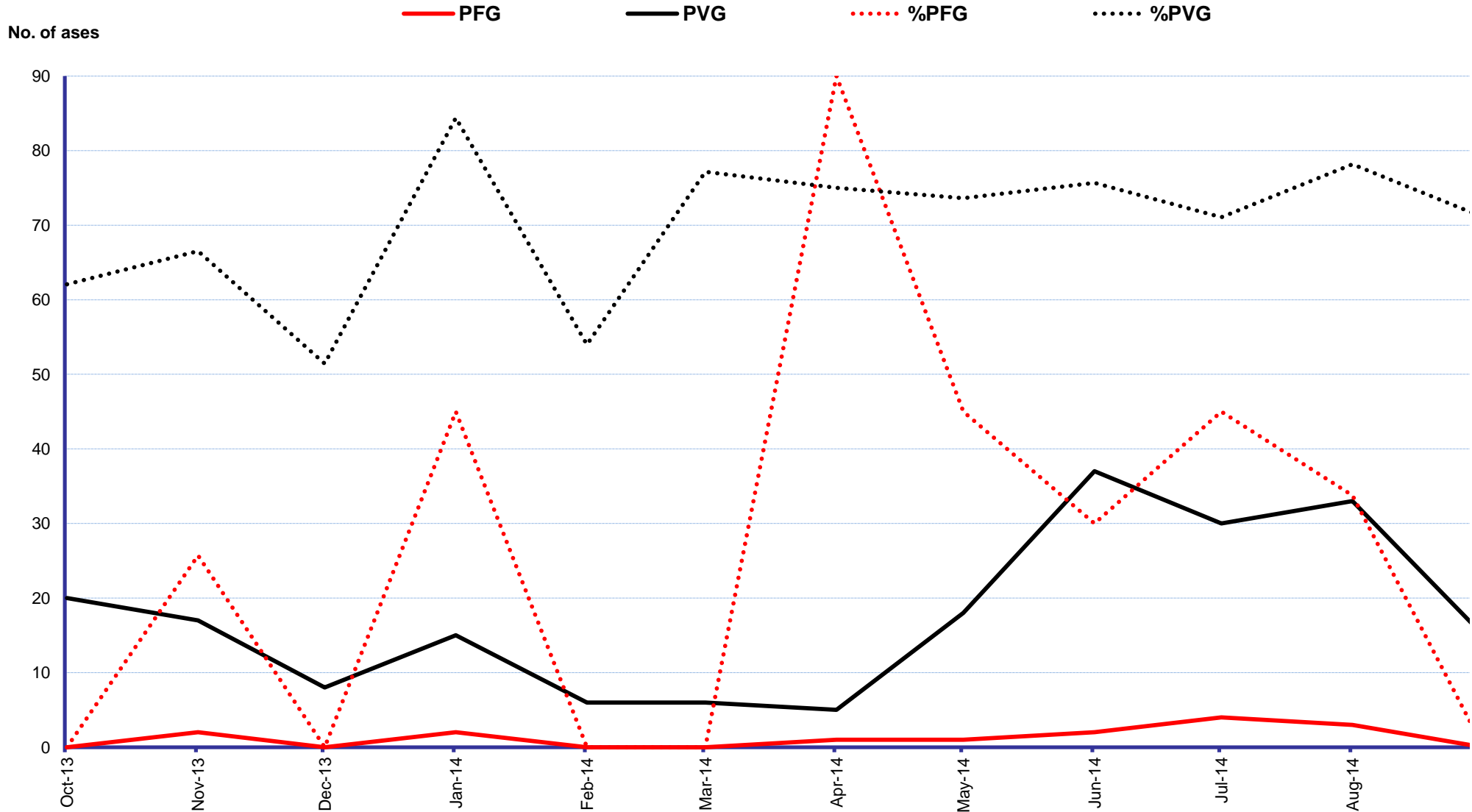
\* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

### Malaria Cases in Smear week of the Monthin Mae Kon Khen (Oct-2013-Sep-2014 )



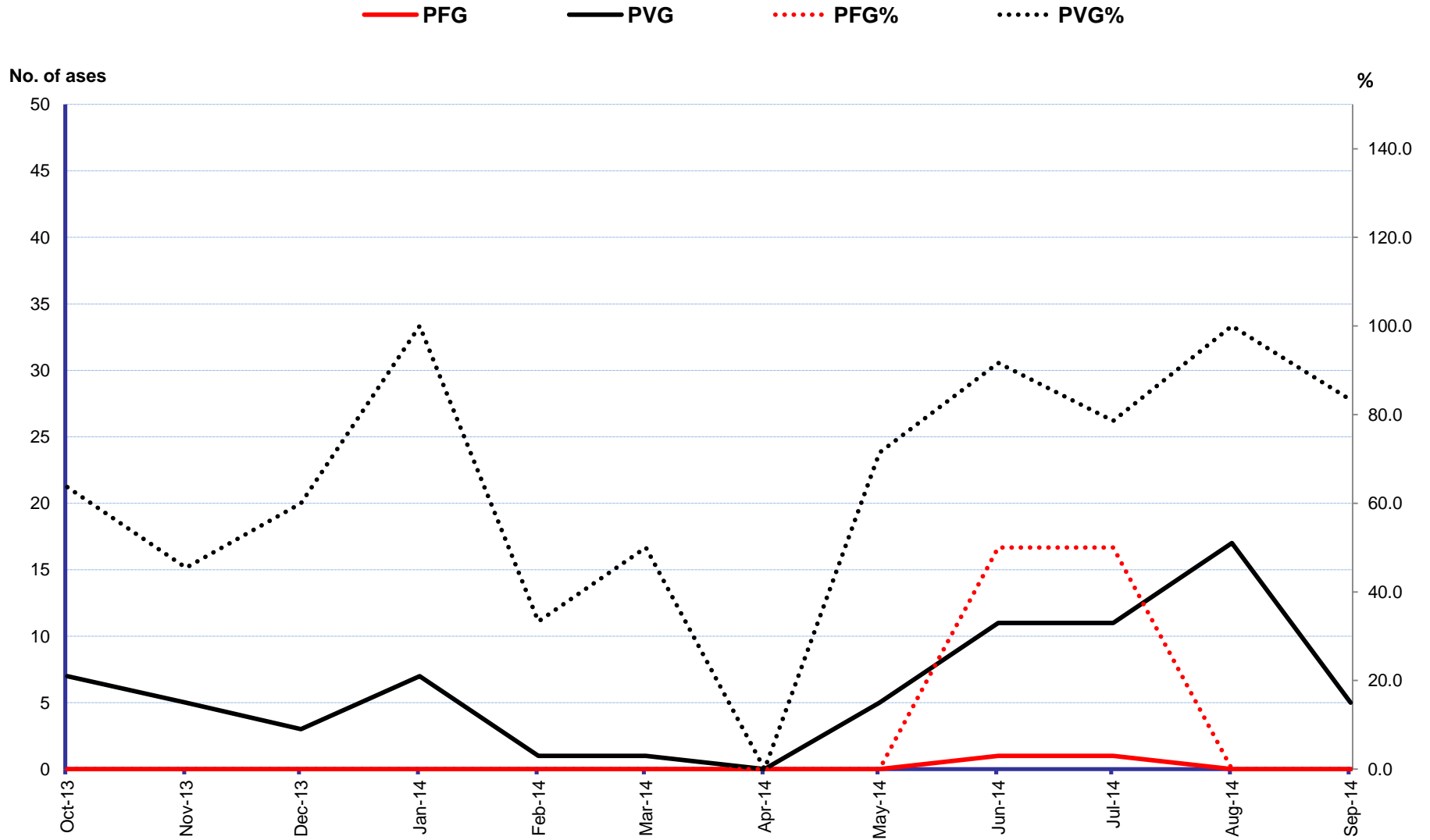
\*For the smear-week data,all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

## Weekly Gametocytes (MKT, MRC, WPA, MKK) Oct 2013 To Sep 2014



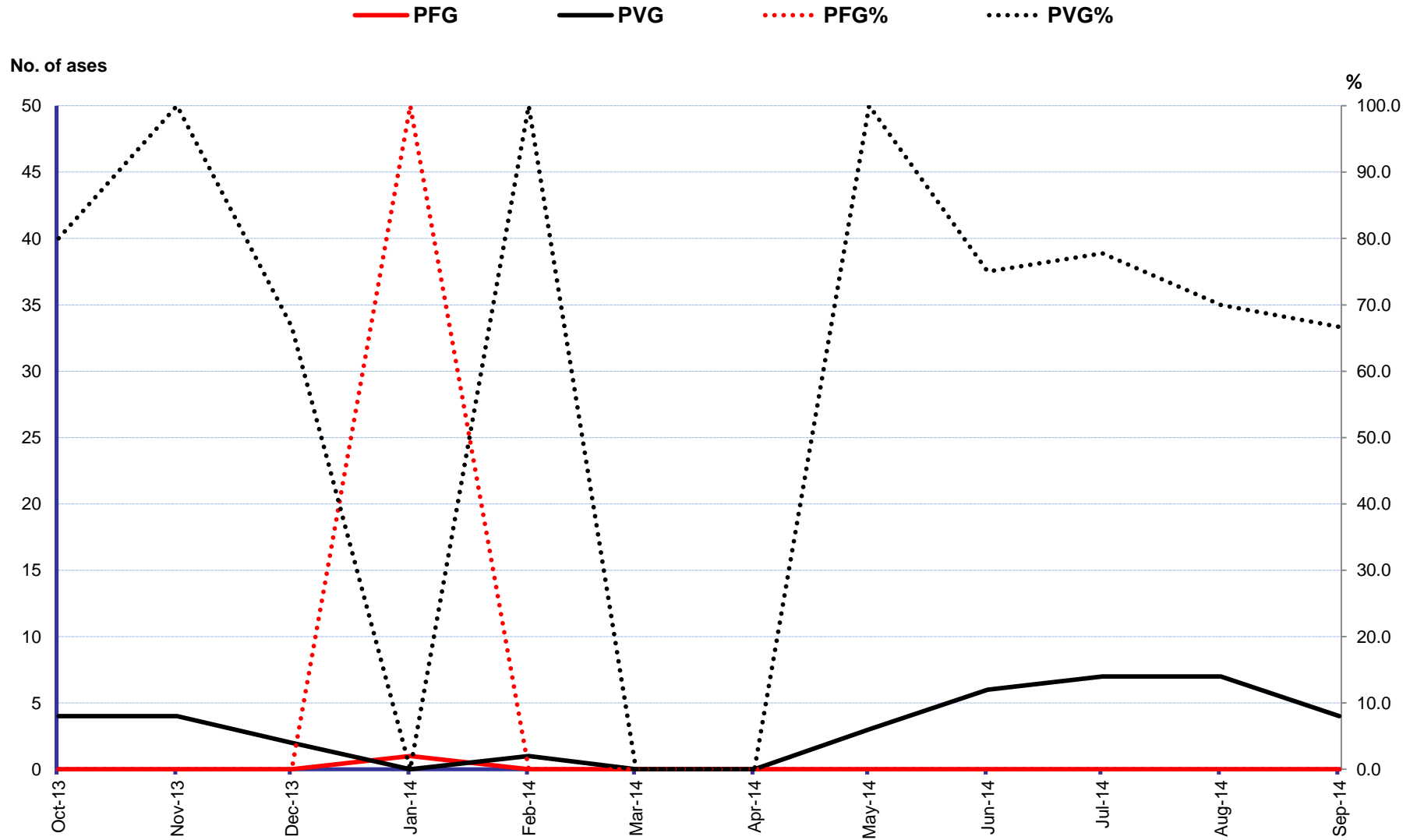
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

## Weekly Gametocytes MKT Oct 2013 To Sep 2014



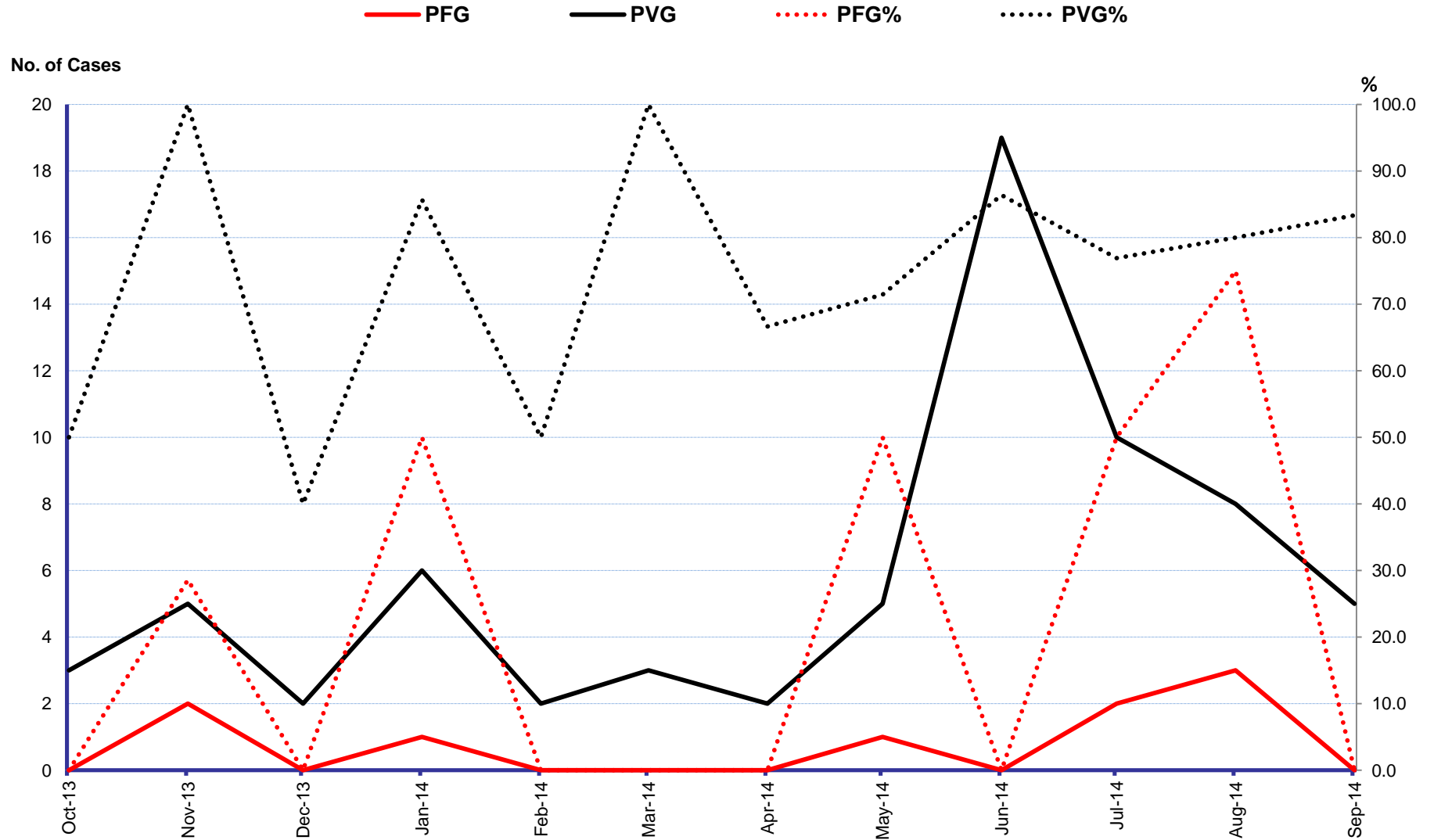
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

## Weekly Gametocytes MLC Oct 2013 To Sep 2014



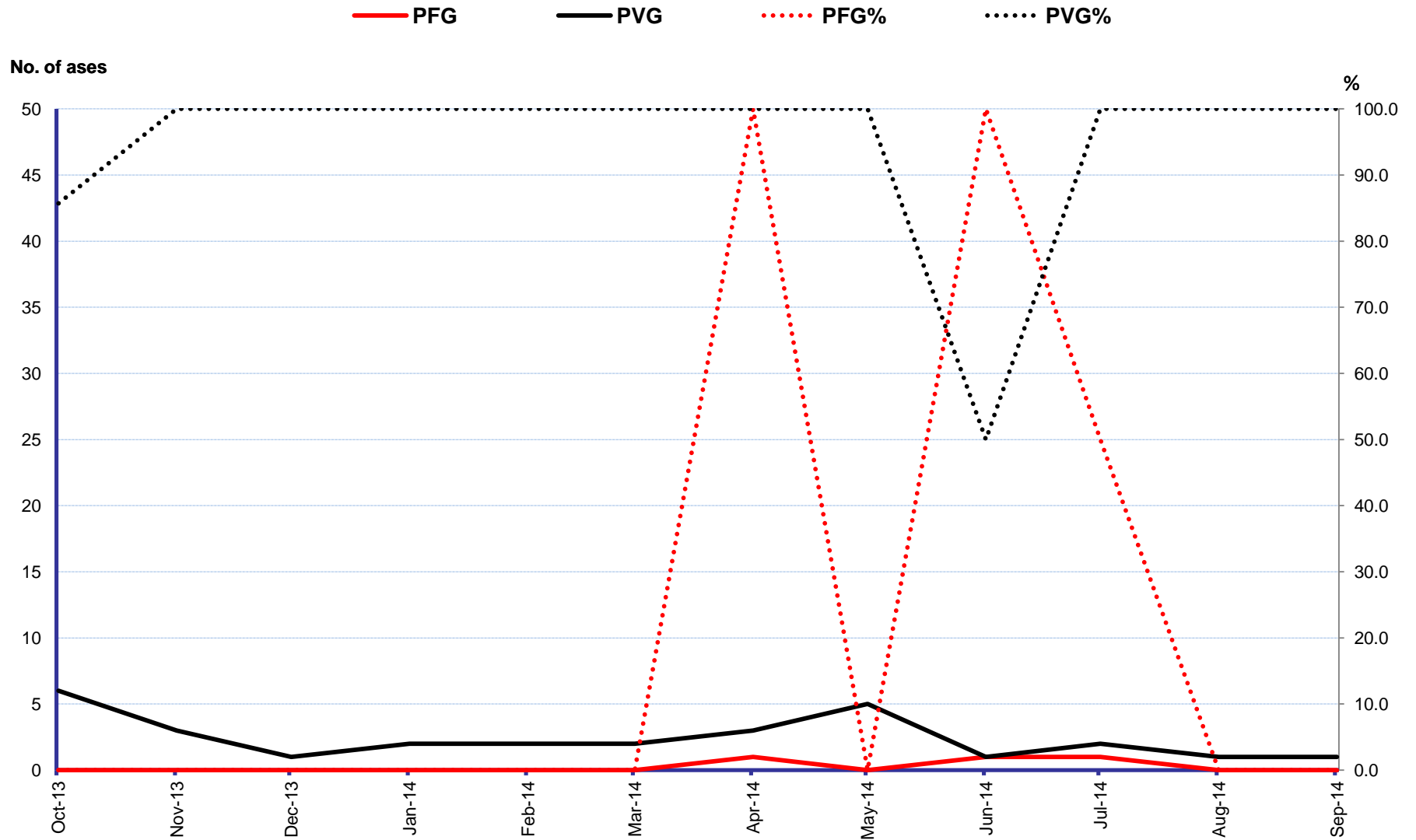
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

## Weekly Gametocytes WPA Oct 2013 To Sep 2014



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

## Weekly Gametocytes MKK Oct 2013 To Sep 2014



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