

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
Total	3028	2952	76	2304	74	15338	116

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
Total	96	14782	12	85	0	0	2	52	0	0

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+pot	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
Total	14878	14782	9	1	0	2	0	0	0	0	0	0	32	0	52	0	0	0	0	0	0	0	0	0	0	0	92

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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
Total	0	4	15	15	13	46	3

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
Total	1410	18	141	95	14	79	15%	589	1	1428	

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
Total	1271	81%	170	11%	123	8%	14	1%	0	0%	1578	

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

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

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

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

Condition of the referrals		
Diagnosis	WPA	MKT
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
TOTAL	87	50

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
Oct-13	473	4	0	2	1	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	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	2	2	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	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	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	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	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	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	3	3	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	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	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	5	0	28	1	0	0	0	0	0	0	0	0	895	37	858	3	35	0	0	1	28	0	0
Total	4535	65	0	6	11	0	0	0	1	0	1	91	0	362	1	0	0	0	0	0	0	0	5073	538	4535	83	461	0	0	14	363	0	0

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	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	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	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	0	1	0	0	0	0	0	0	1	28
Feb-14	0	0	0	0	0	1	0	0	0	0	2	8	0	0	0	0	0	0	0	0	4	0	0	0	1	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	2	0	0	0	4	0	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	3	0	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	3	0	0	0	0	0	0	0	0	35
Total	9	0	1	0	0	6	0	0	0	0	1	3	346	0	0	0	0	22	10	1	47	0	8	74	0	0	0	0	0	0	3	528	

**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
	Total	586	16	10	0	0	0	0	515	0	44	0	0	0	37

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

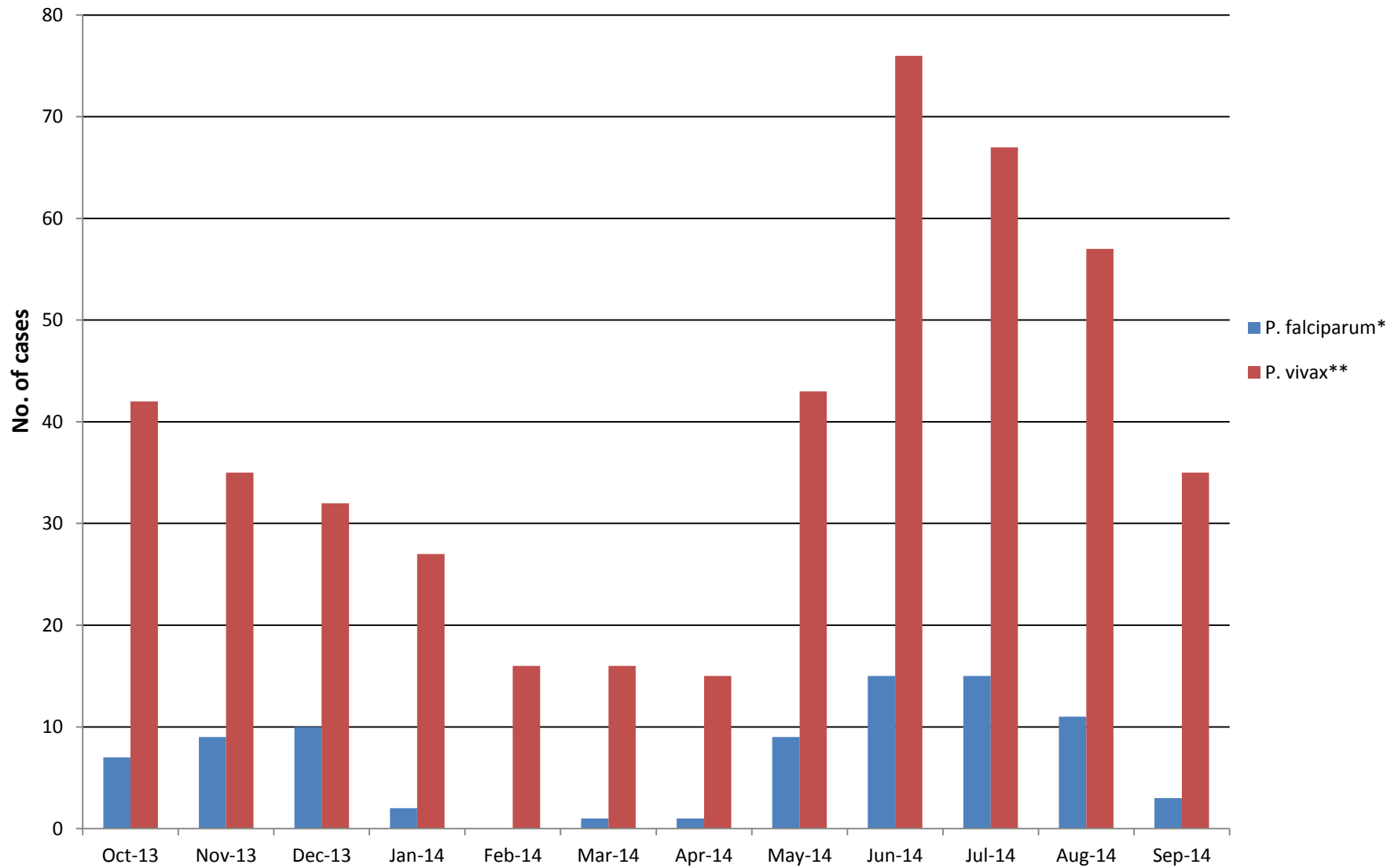
- **PFT+PVT" are counted both as pf and pv
- **trophozoite+gametocyte" are counted as both trophozoite and gametocyte
- **pfg+pvg" are counted as both pfg and pvg
- **pft+other = pft mix with pmt or pot
- **pvt+other = pvt mix with pmt+pot

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	
TOTAL	801	655	1456	540	520	1060	911	1108	2019	4535	1	4	5	7	6	13	50	15	65	83	43	28	71	87	65	152	122	116	238	461	544	5079	32.1	23.4	44.5	6.0	15.7	78.3	15.4	33.0	51.6	

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
Total	2217	13	0	1	1	0	0	0	0	0	0	35	0	128	0	0	2	0	0	0	0	0	2397	180	2217	15	164	2	0	1	128	0	0

Month	Treatment																	Total															
	Mas3	Mas7	A7D7	A7	AS5	COA	SQ7	Q7D7	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	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	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	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	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	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	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	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	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	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	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	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	9	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	0	0	0	0	0	0	0	0	0	0	162	0	0	0	0	10	0	0	1	0	0	3	2	0	0	0	0	0	0	0	0	178	

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

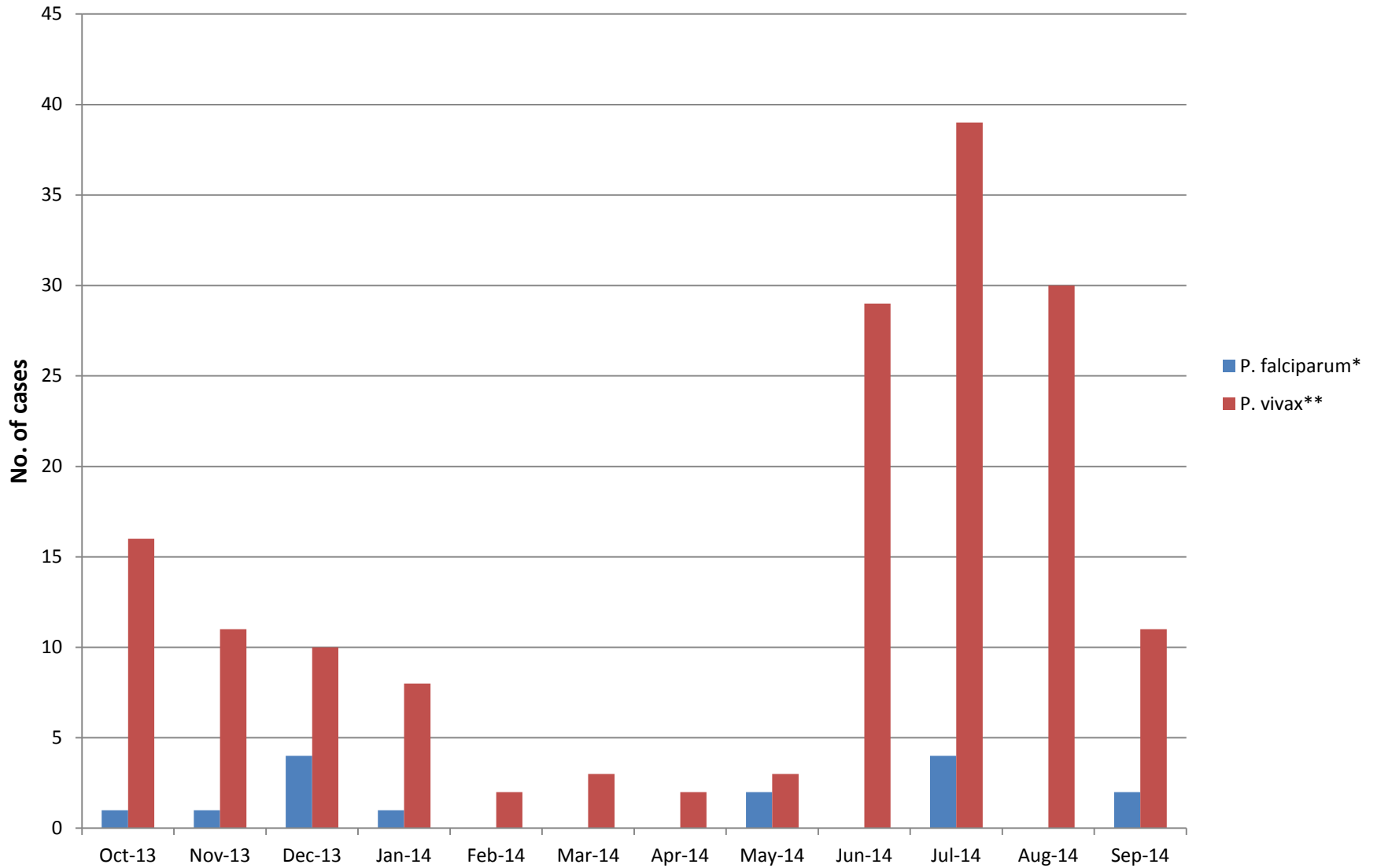
**PFT+PVT" are counted both as pf and pv
 **"trophozoite+gametocyte" are counted as both trophozoite and gametocyte
 **"pfg+pvvg" are counted as both pfg and pvvg
 **"pft+other = pft mix with pmt or pot
 **"pvt+other = pvt mix with pmt+pot

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															
	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	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	1	0	1	1	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	100.0	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				
Total	355	355	710	311	332	643	414	450	864	2217	0	4	4	3	1	4	5	2	7	15	5	15	20	37	36	73	49	22	71	164	179	2396	32.0	29.0	39.0	26.7	26.7	46.7	12.2	44.5	43.3				

* 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
Total	8011	202	0	2	13	1	1	0	1	0	0	556	1	369	0	0	1	1	2	0	0	0	9161	1150	8011	220	930	3	0	15	372	2	0	

Month	Treatment																				Total														
	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		
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	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	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	0	144	
Jan-14	0	0	0	0	0	2	0	0	0	0	0	65	0	0	0	0	0	7	1	0	0	0	0	1	12	0	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	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	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	0	4	0	0	8	0	0	8	0	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	0	1	0	4	0	0	10	0	0	0	1	0	0	0	0	0	52	
Jun-14	2	0	0	0	0	1	0	0	0	0	0	64	0	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	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	0	4	0	0	7	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	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Total	12	0	0	2	2	6	1	0	0	0	1	764	0	0	0	0	0	81	17	1	55	0	0	5	168	0	0	1	4	0	0	1	1120		

**"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
Total	657	20	8	3	0	0	0	563	0	63	0	0	0	41

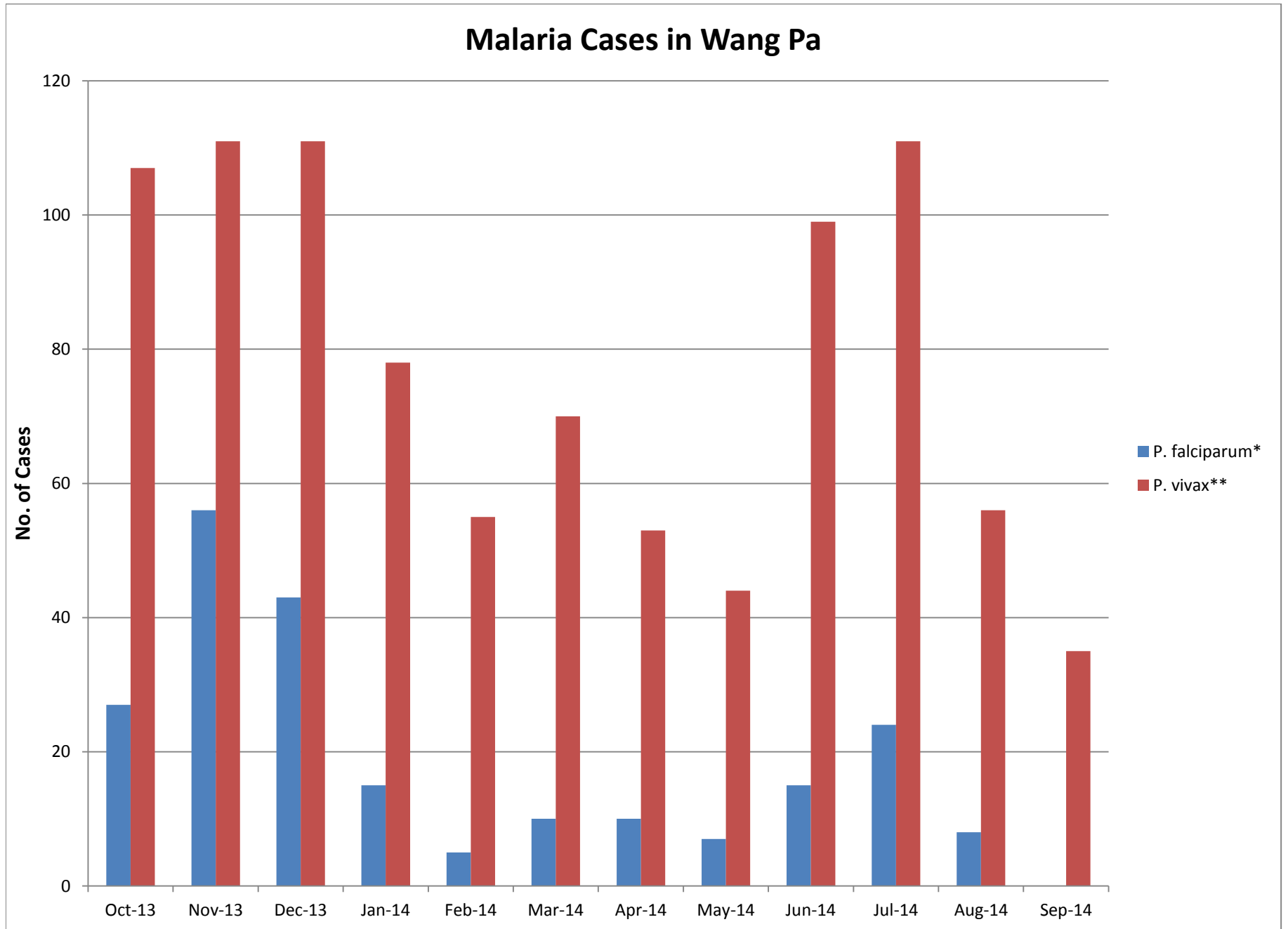
Treatment KEY

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
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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	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
TOTAL	1493	1263	2756	990	977	1967	1620	1668	3288	8011	11	13	24	41	29	70	91	35	126	220	79	74	153	159	130	289	295	193	488	930	1150	9161	34.4	24.6	41.0	10.9	31.8	57.3	16.5	31.1	52.5

*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
Total	1763	24	0	0	7	2	0	1	0	0	0	50	0	137	0	0	0	0	0	0	0	0	1984	221	1763	34	188	0	0	7	140	0	0	

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	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	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	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	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	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	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	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	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	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	0	1	0	0	0	0	0	0	0	0	0	2
Total	3	0	0	0	1	0	0	0	0	0	0	157	0	0	0	0	0	10	1	1	12	0	0	3	27	0	0	0	0	0	0	0	0	215	

**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
	Total	38	0	5	0	0	0	3	24	6	0	0	0	0	0

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 + Pipleraquine 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

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

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

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

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

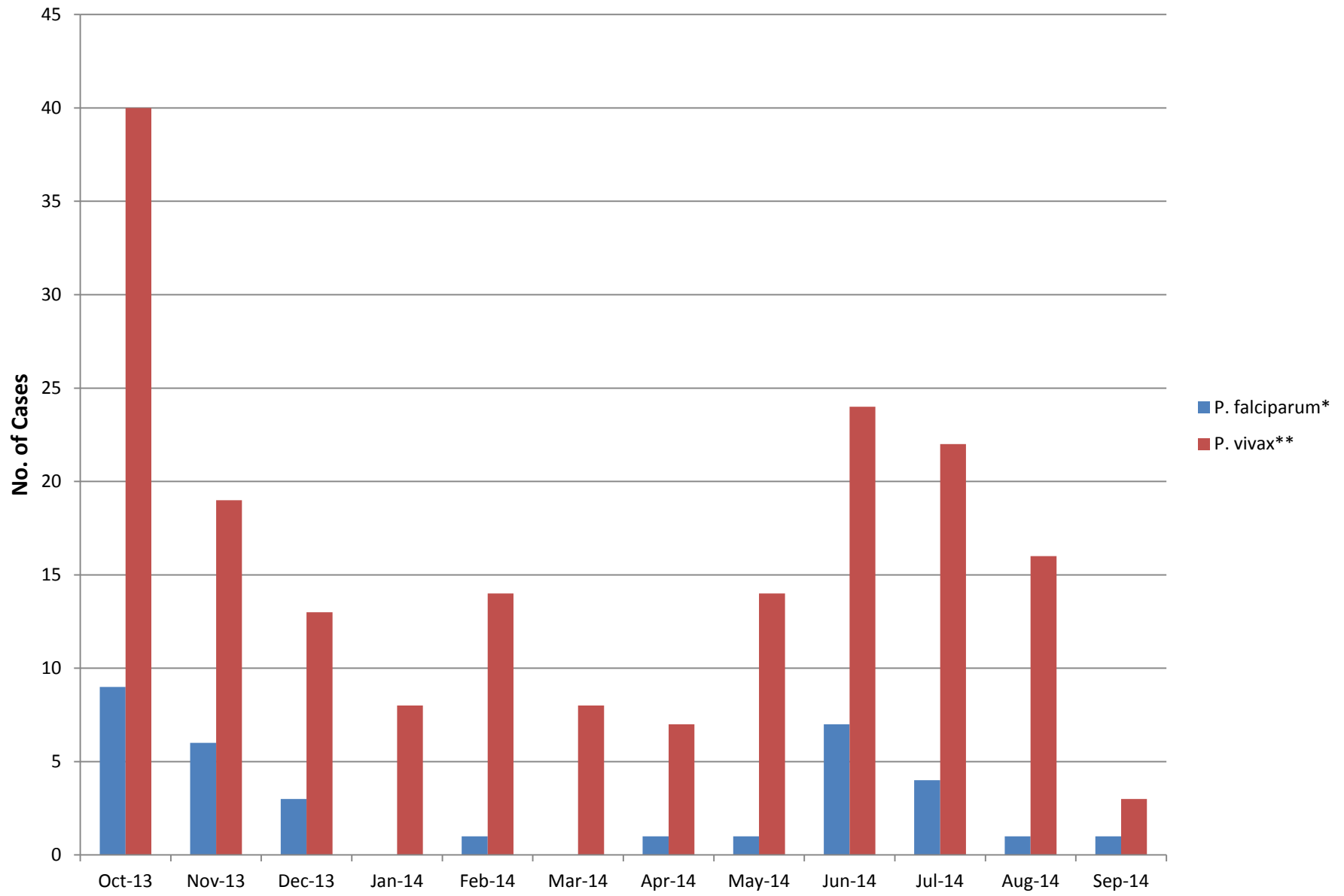
Month	Neg										PF										PV										Total positive	Total Test	%NEG			%PF			%PV		
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV											
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	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
Total	221	250	471	247	212	459	444	389	833	1763	2	1	3	5	0	5	22	4	26	34	5	10	15	30	19	49	100	24	124	188	222	1985	26.7	26.0	47.2	8.8	14.7	76.5	8.0	26.1	66.0

***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	Total POG	
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	0	34	0	2	0	0	0	0	0	0	0	239	43	196	7	36	0	0	0	2	0	0		
Dec-13	148	7	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	178	30	148	7	23	0	0	0	0	0	0		
Jan-14	214	6	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	239	25	214	6	19	0	0	0	0	0	0		
Feb-14	140	1	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	155	15	140	1	14	0	0	0	0	0	0		
Mar-14	115	1	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	127	12	115	1	11	0	0	0	0	0	0		
Apr-14	142	0	0	0	0	0	0	0	0	0	0	17	0	1	0	0	0	0	0	0	0	160	18	142	0	18	0	0	0	1	0	0		
May-14	63	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	76	13	63	0	13	0	0	0	0	0	0		
Jun-14	77	6	0	1	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	109	32	77	7	26	0	0	0	0	0	0		
Jul-14	88	1	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	108	20	88	1	19	0	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	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
Total	1406	33	0	1	0	0	0	0	0	0	0	202	6	3	0	0	0	0	0	0	0	1651	245	1406	34	212	0	0	0	3	0	0	0	

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	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	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	0	0	0	30
Jan-14	0	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	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	0	0	0	15
Mar-14	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	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	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	0	0	0	13
Jun-14	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	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	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	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
Total	1	0	0	0	0	0	0	0	0	0	0	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	244	

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 + 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
 **"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

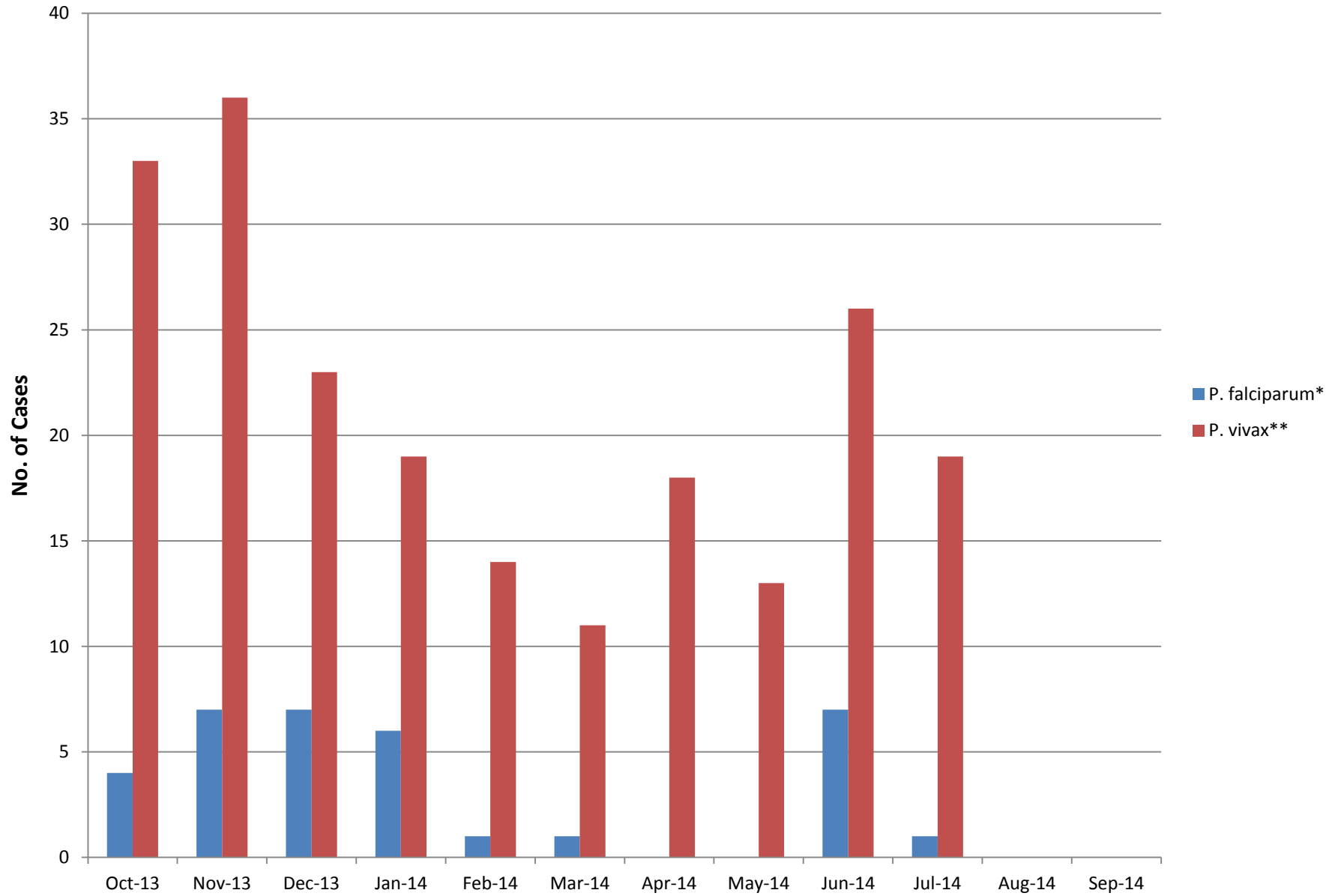
Month	Neg											PF											PV											Total positive	Total Test	%NEG			%PF			%PV		
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV	<5Y	5-15Y	>15Y			<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y			
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	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		
Total	209	191	400	202	169	371	318	317	635	1406	4	2	6	4	5	9	14	5	19	34	12	10	22	59	30	89	66	36	102	212	246	1652	28.4	26.4	45.2	17.6	26.5	55.9	10.4	42.0	48.1			

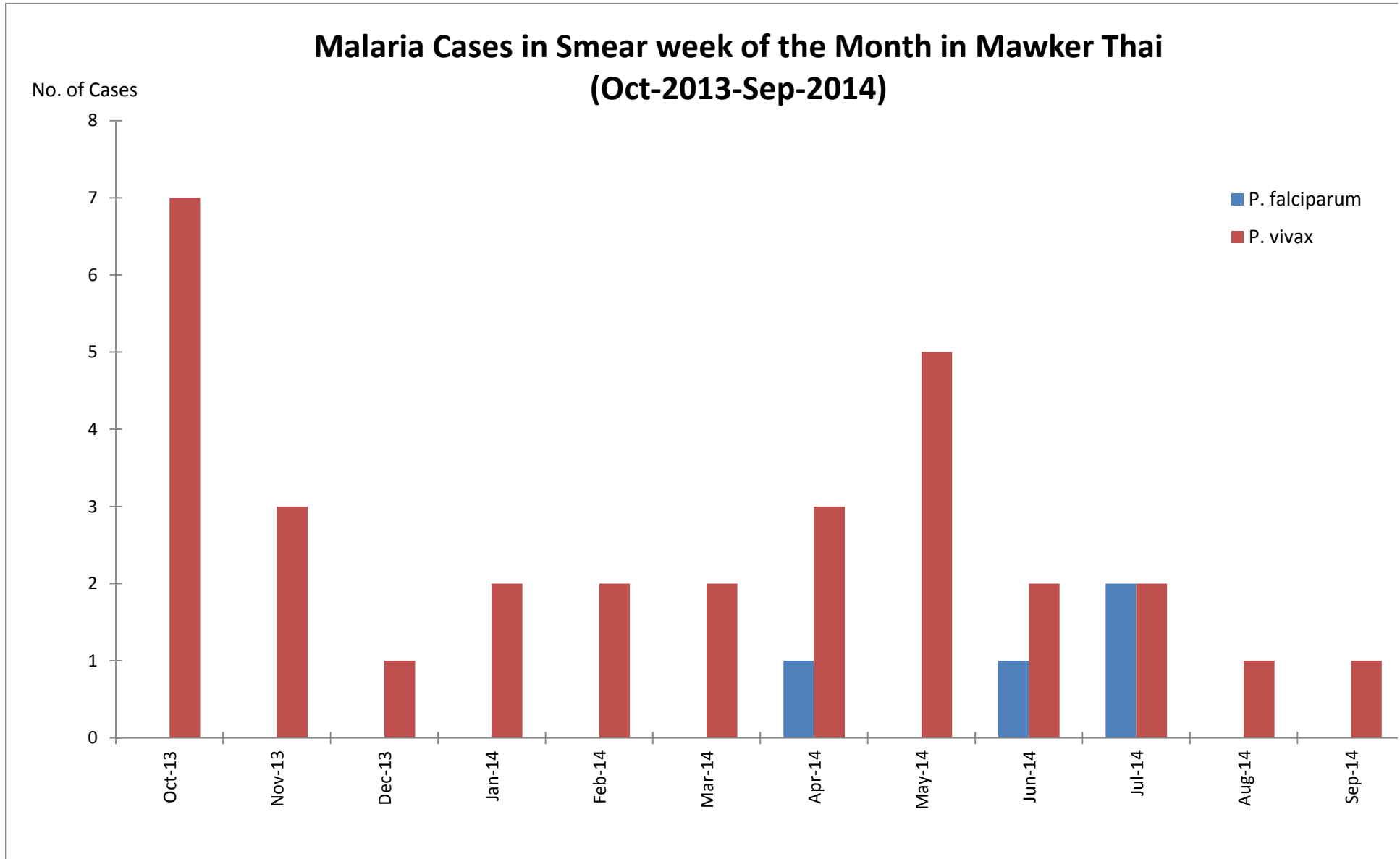
***PFT+PVT" are counted both as PF and PV

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

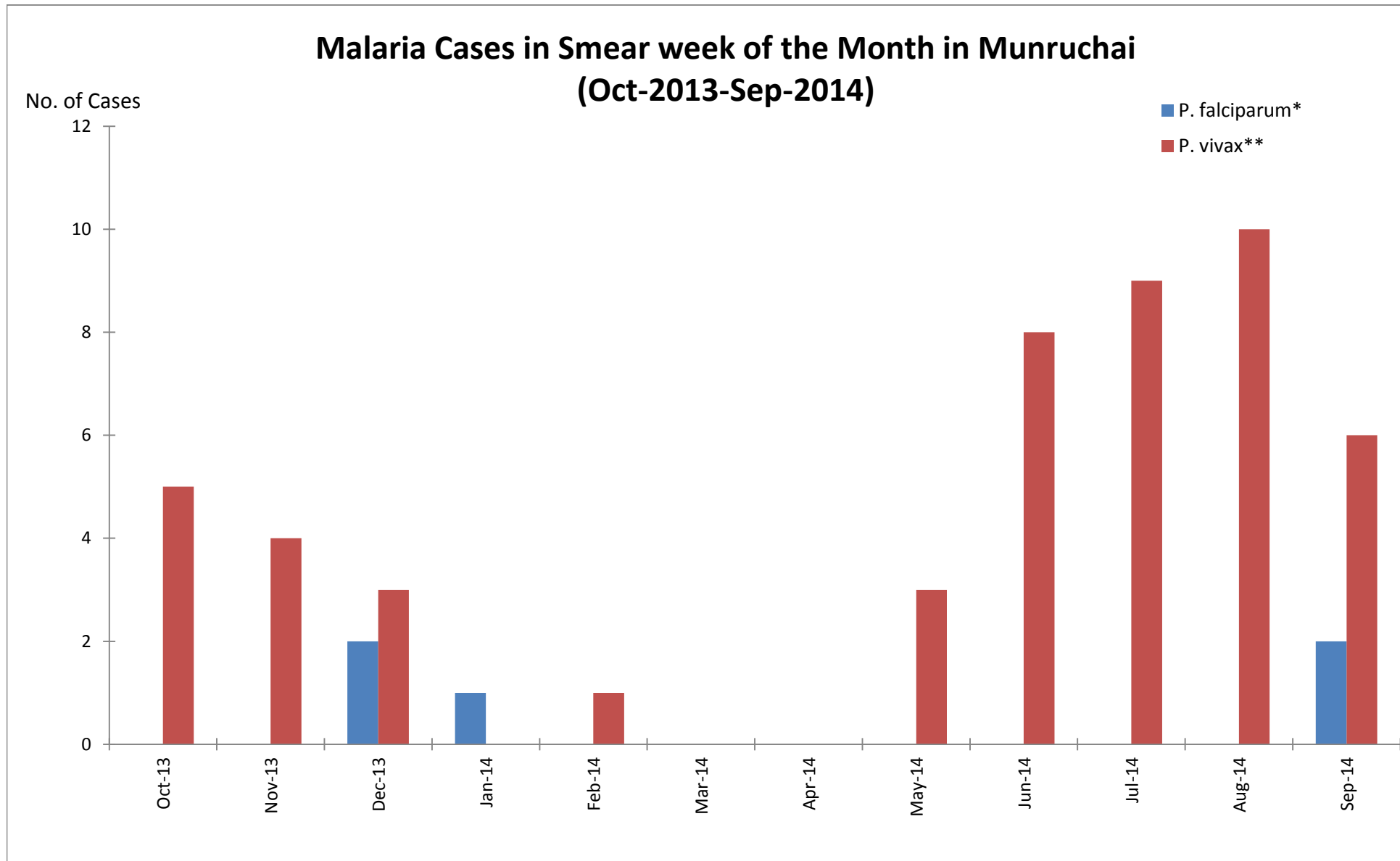
***PFG+PVG" are counted as both PFG and PVG

Malaria Cases in Thay Ka Ya



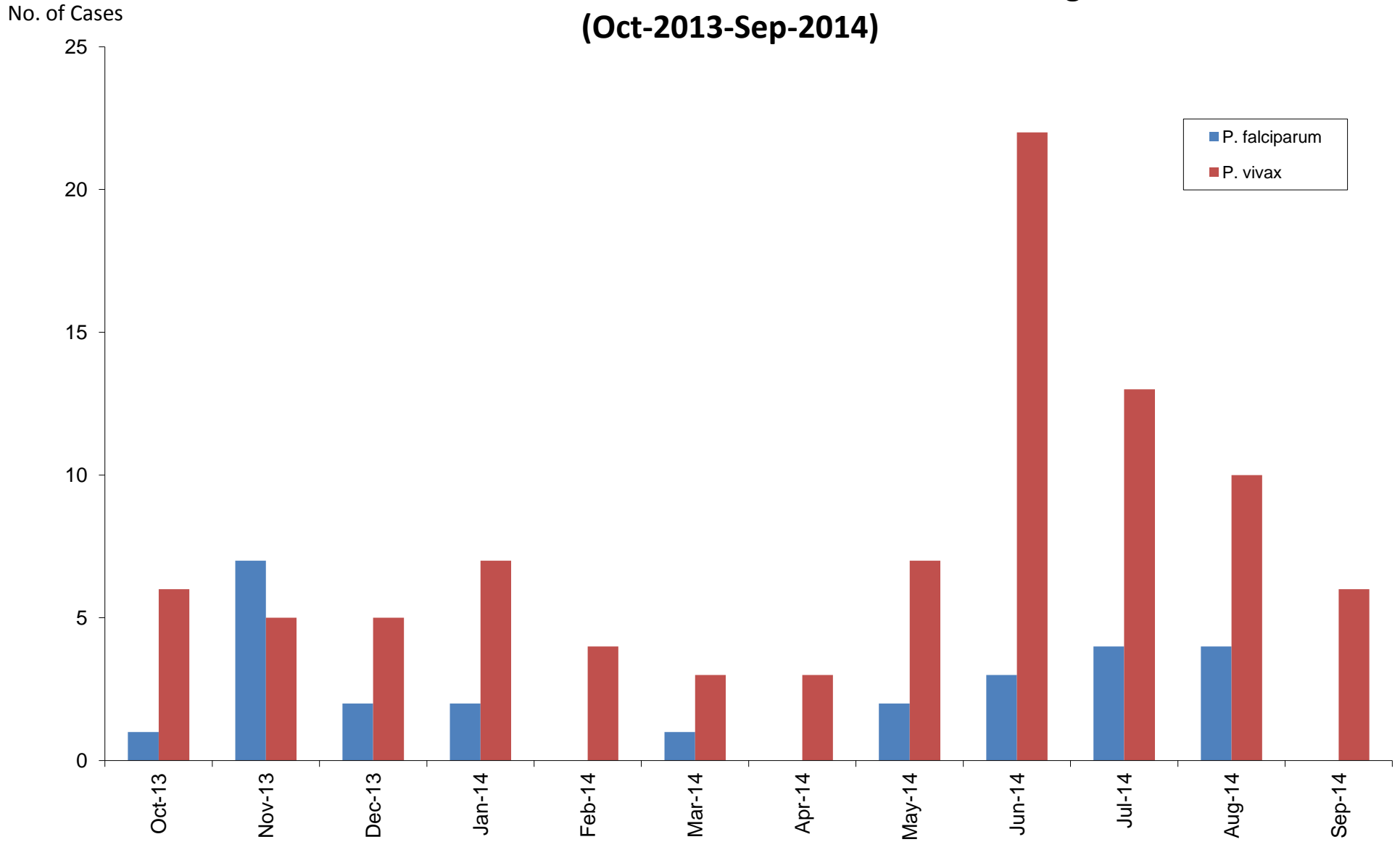


* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.



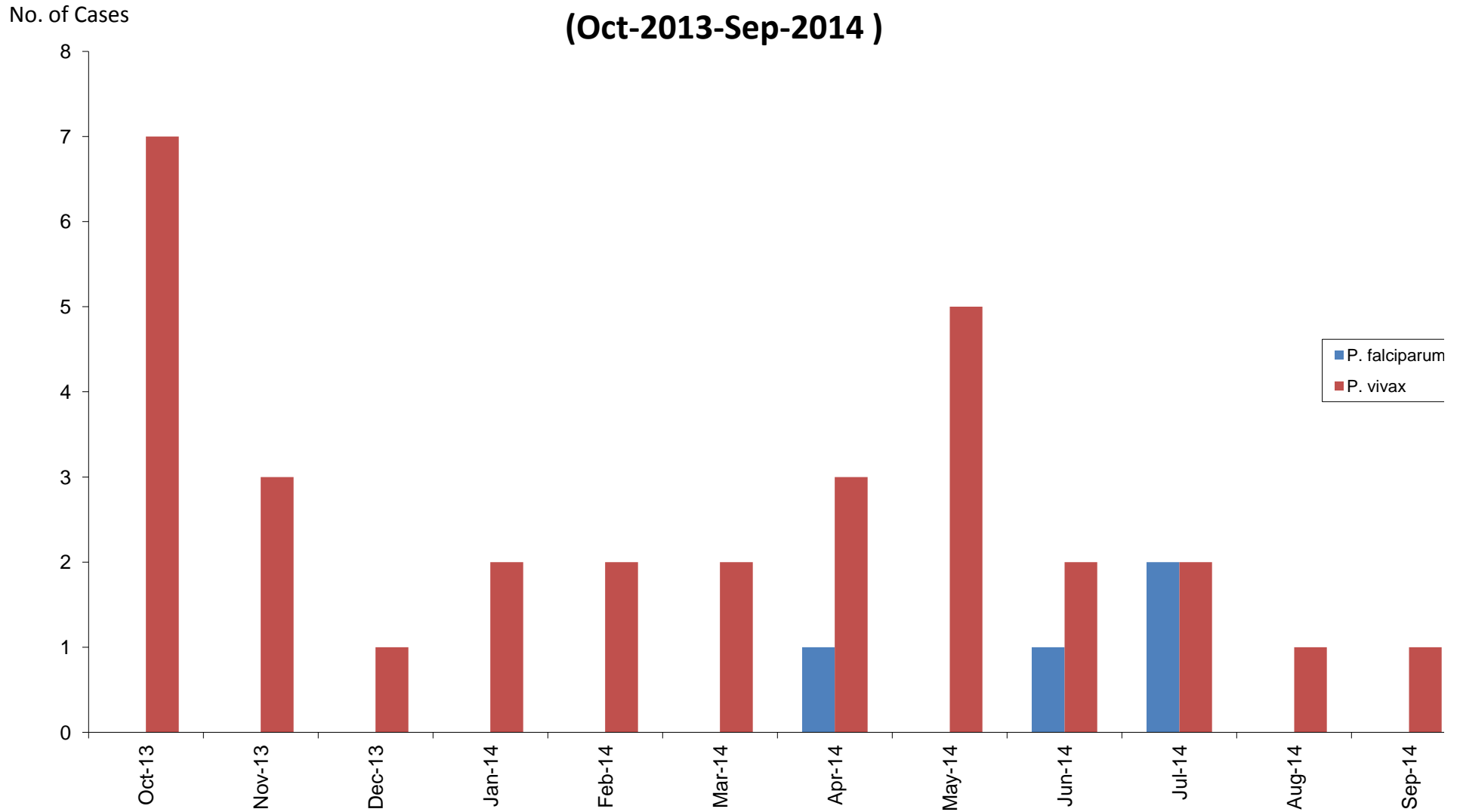
* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

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



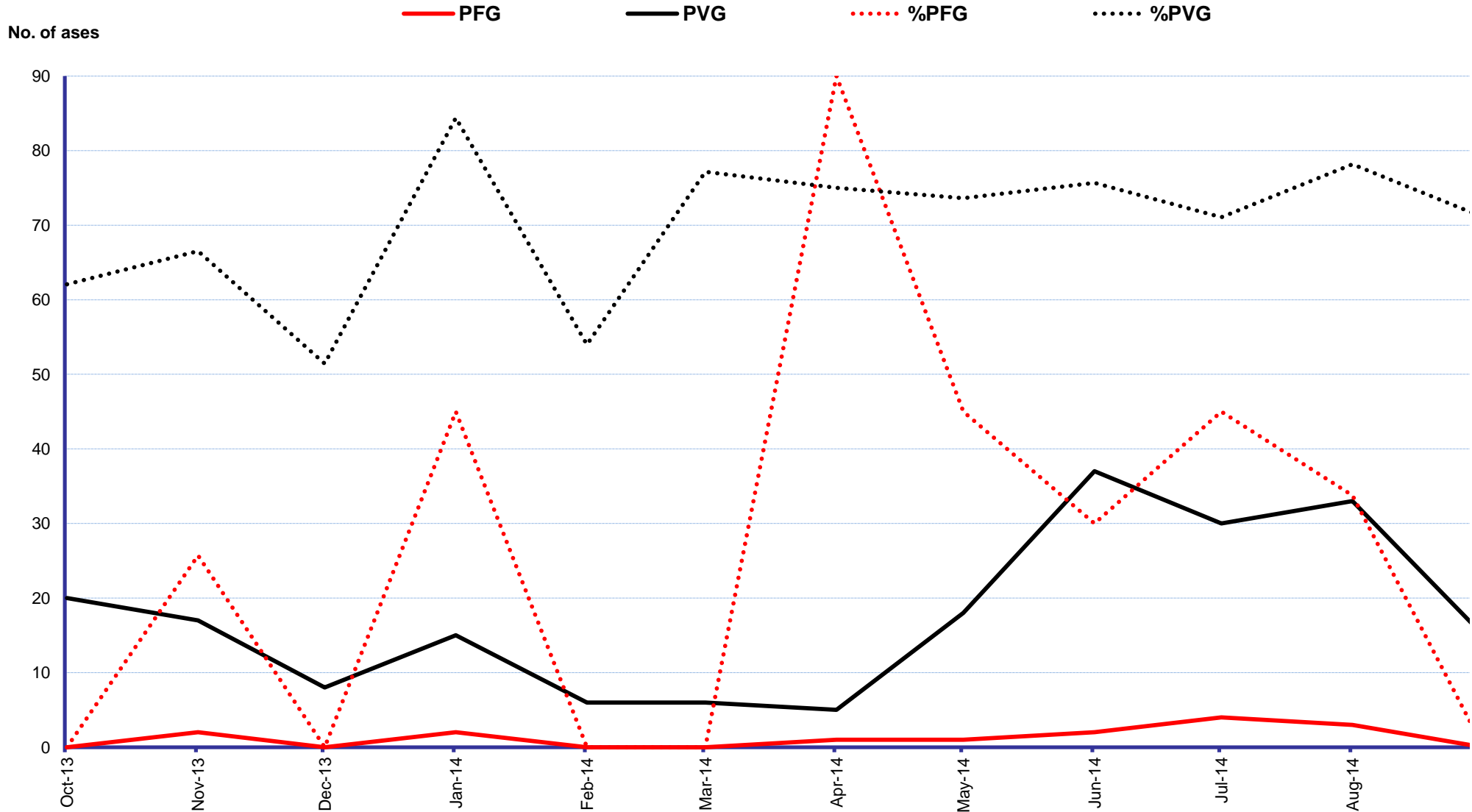
* For the smear-week data, all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

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



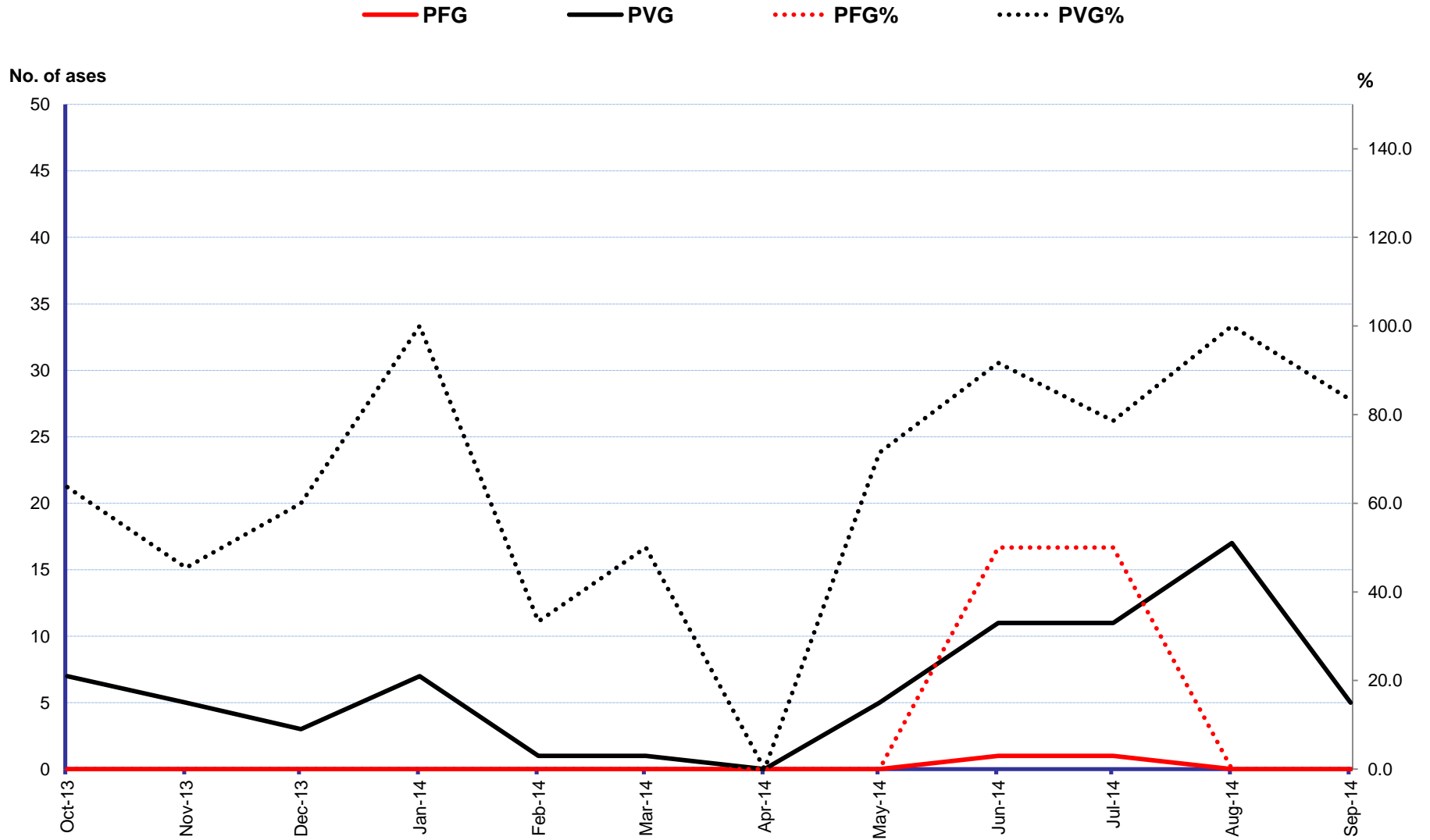
*For the smear-week data,all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.

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



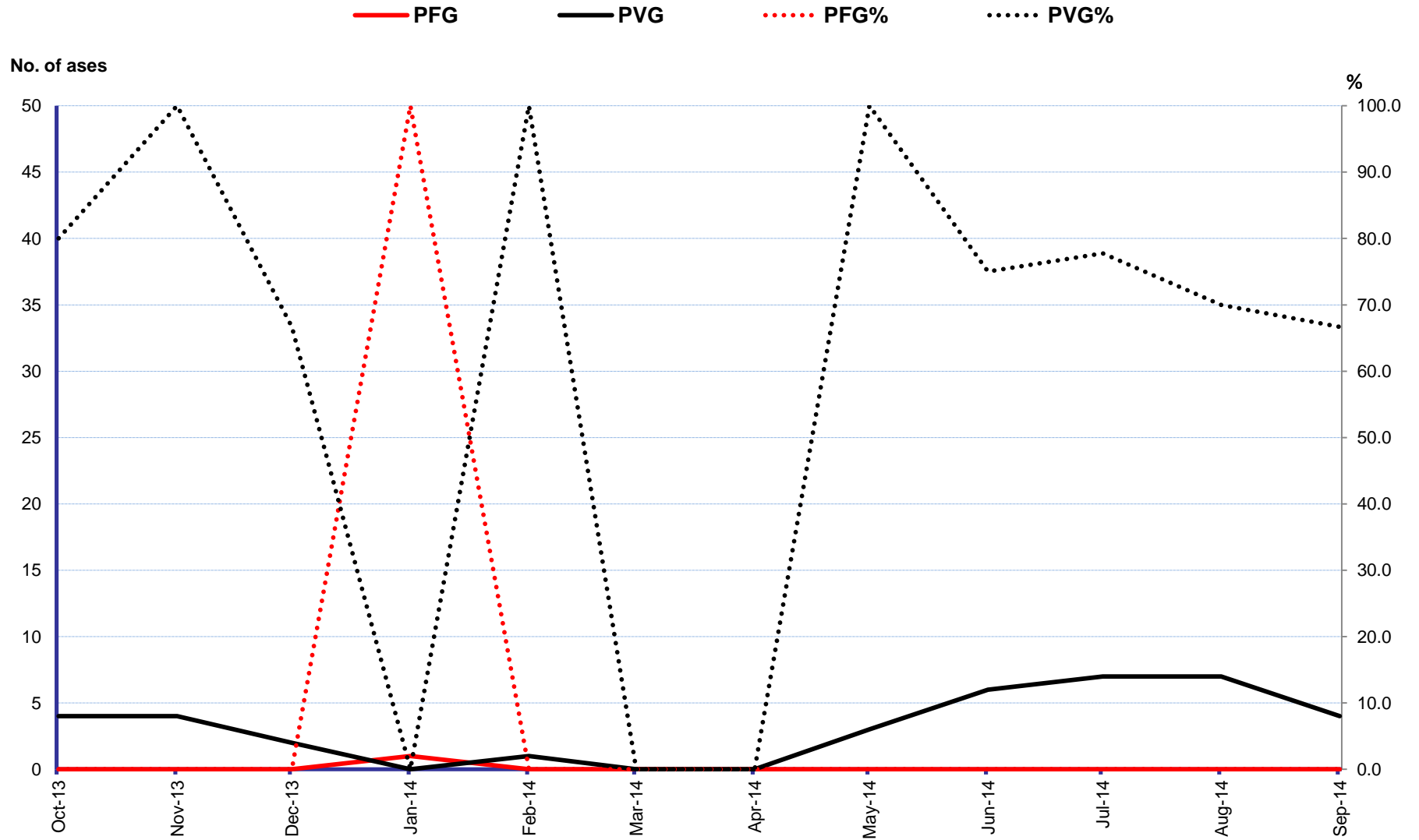
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

Weekly Gametocytes MKT Oct 2013 To Sep 2014



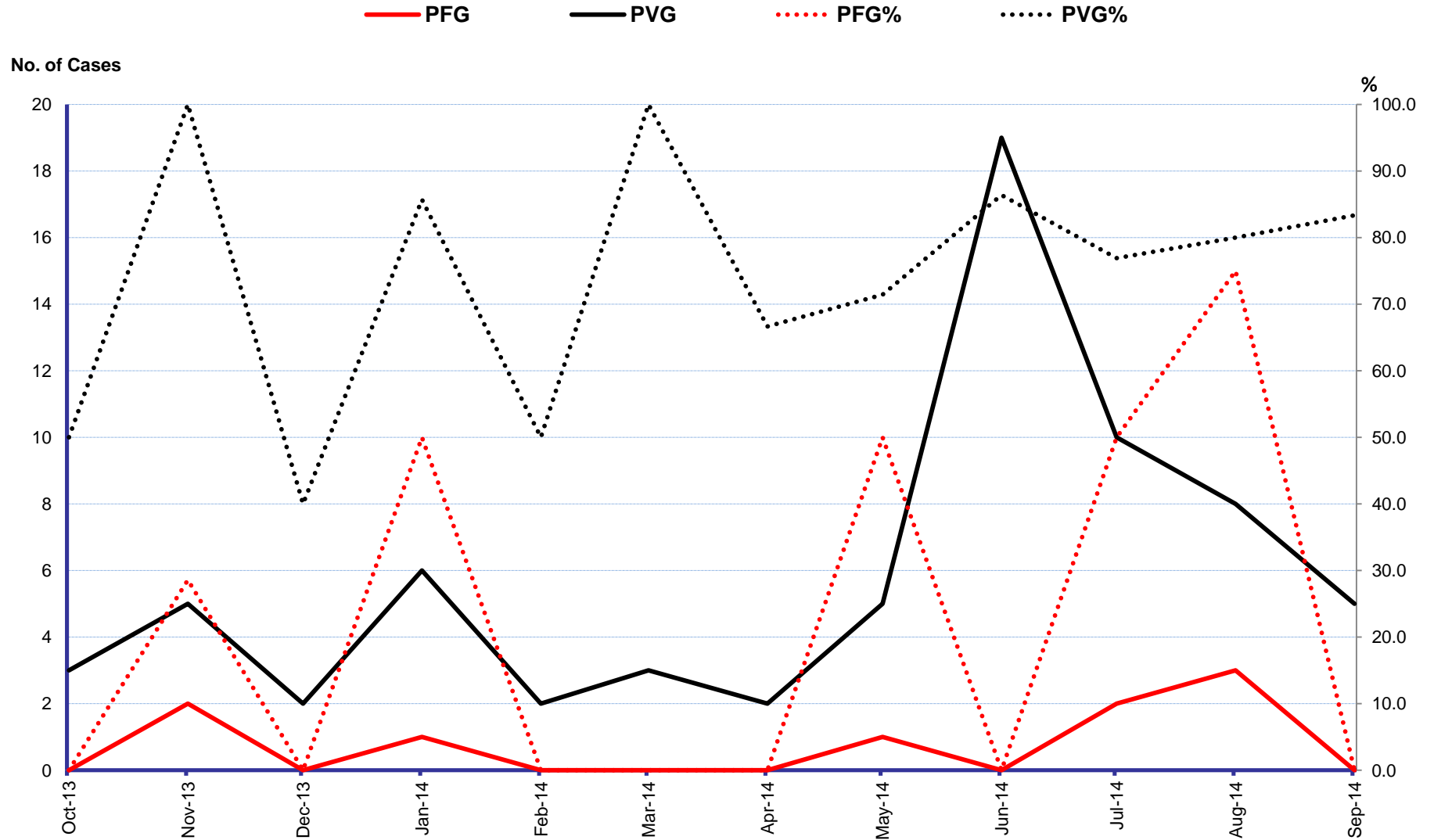
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

Weekly Gametocytes MLC Oct 2013 To Sep 2014



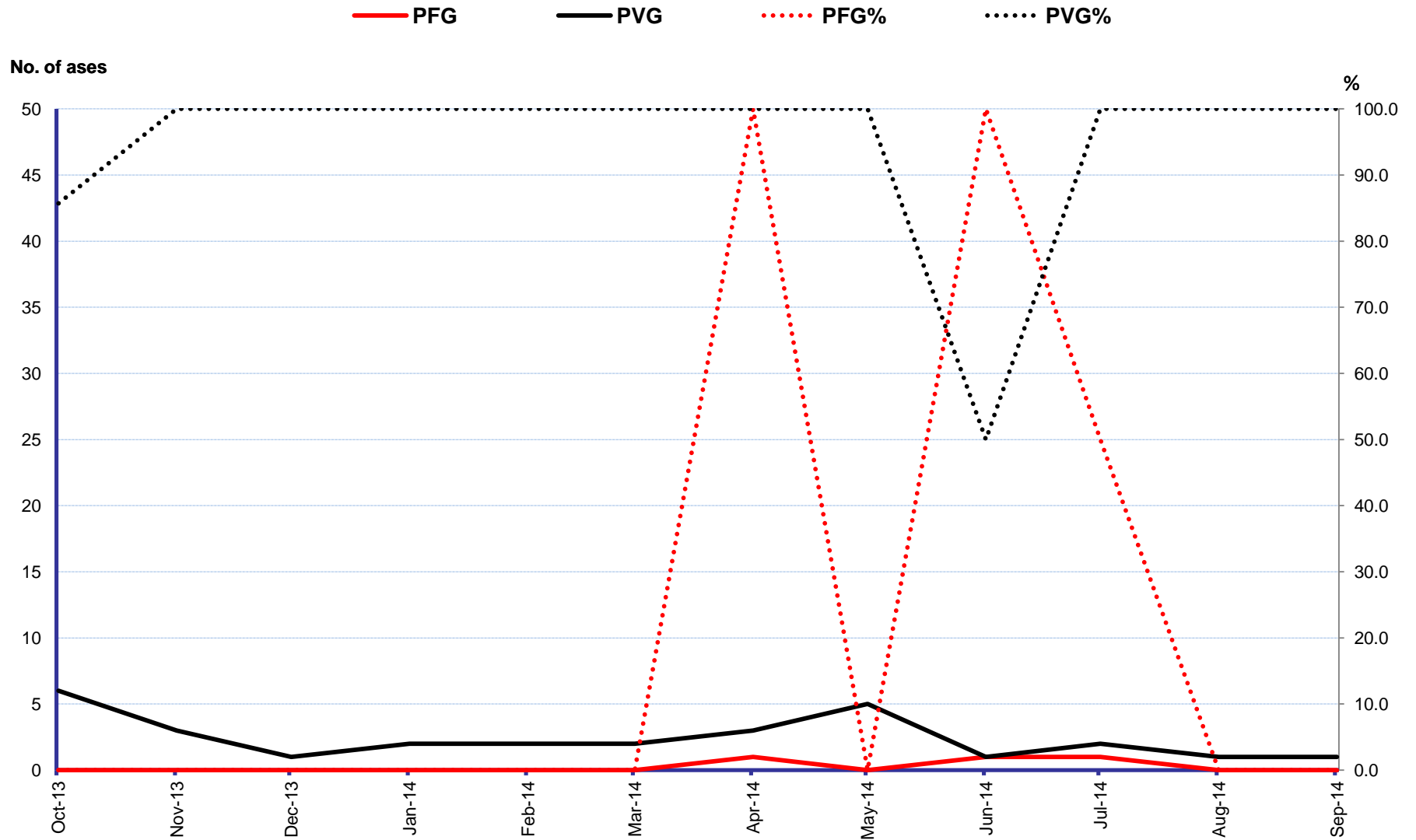
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

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



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