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.

| | OPD | | | | | | | Gametocyte | | | | IPD | | | | | | | | | | | Treatment | | | | | | | | | | |

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+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	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	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**	**92**

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
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 + Piperaquine12.8mg/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

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 Abruption	0	3
PPH	1	2
Previous C-section	9	1
Prolonged PPROM (<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 - 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	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	6	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	1	0	1	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
Total	**4535**	**65**	**0**	**6**	**11**	**0**	**0**	**0**	**1**	**0**	**1**	**91**	**0**	**362**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5073**	**538**	**4535**	**83**	**461**	**0**	**0**	**14**	**363**	**0**	**0**

	Treatment																																
Month	**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**	**Total**
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	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
Total	**9**	**0**	**1**	**0**	**0**	**6**	**0**	**0**	**0**	**1**	**3**	**346**	**0**	**0**	**0**	**0**	**0**	**22**	**10**	**1**	**47**	**0**	**0**	**8**	**74**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**528**

***"PFT+PVT" are counted both as pf and pv**
***"trophoziote+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														
		Malaria(pf)		Severe Malaria(pf)		Ceerebral Malaria								
Site	Patient	<4%	>4%	<4%	>4%	<4%	>4%	Others	PFG	PV	PM	PO	Mix	Number of blood transfusion
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**

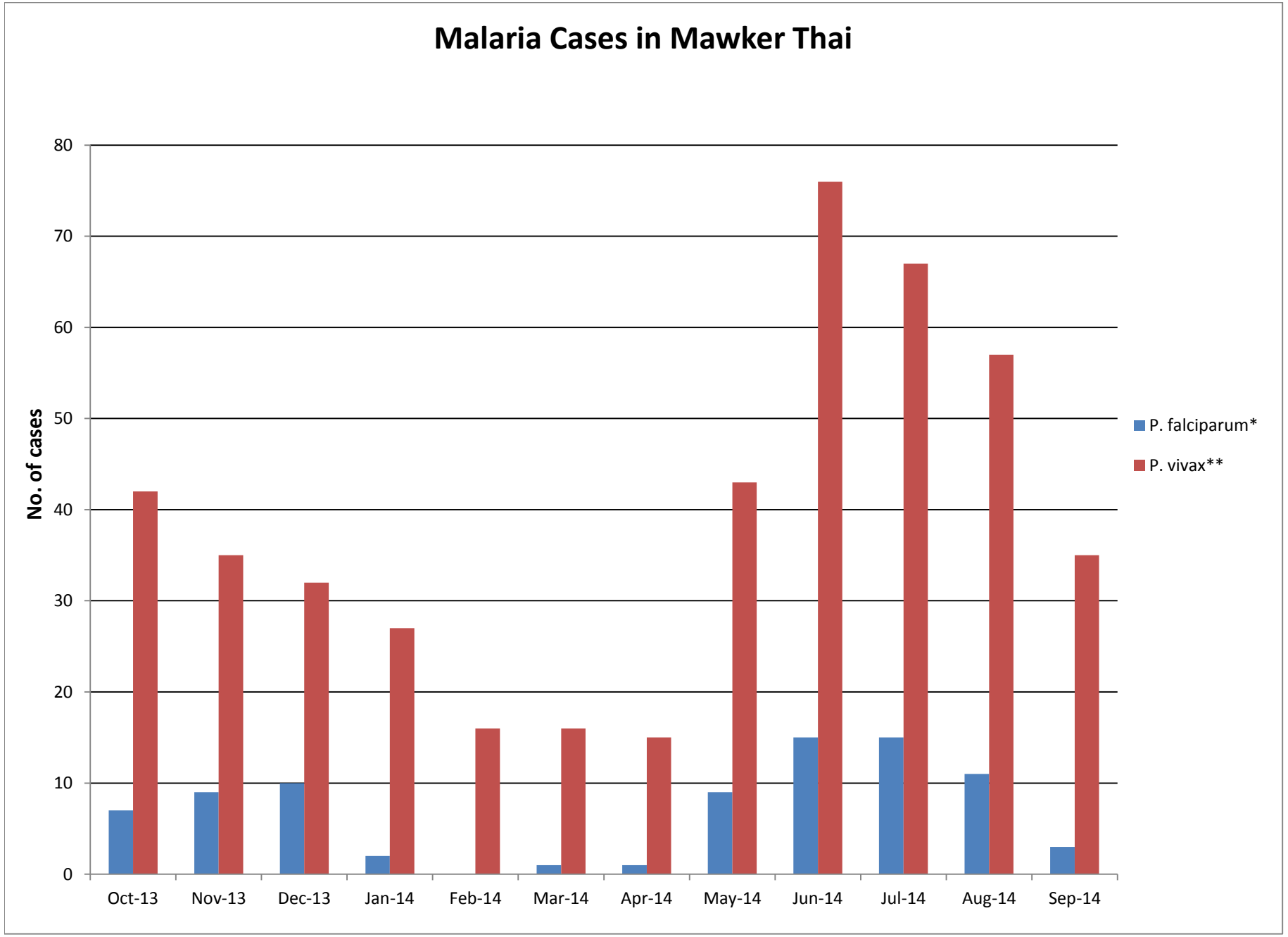
Treatment KEY
Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D
Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D
A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D
A7= Artesunate 2mg/kg x 7D
COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)
SQ7=Supervised Quinine 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 + Piperaquine12.8mg/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**
***"trophoziote+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																	
	<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	%NEG			%PF			%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				<5 Y	5-15 Y	> 15 Y	< 5Y	5-15 Y	> 15 Y	< 5Y	5-15Y	>15Y
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	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
No. of cases
80
70
60
50
40
30
20
10
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. falciparum*
P. vivax**

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	Total POG
Oct-13	205	1	0	0	0	0	0	0	0	0	0	4	0	12	0	0	0	0	0	0	0	0	0	222	17	205	1	16	0	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	0	140	12	128	1	11	0	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	0	123	14	109	4	10	0	0	0	9	0	0
Jan-14	283	0	0	0	1	0	0	0	0	0	0	3	0	5	0	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	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	3	0	0	0	0	0	0	0	0	0	111	3	108	0	3	0	0	0	3	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	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	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	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	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	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	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**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2397**	**180**	**2217**	**15**	**164**	**2**	**0**	**1**	**128**	**0**	**0**

	Treatment																														
Month	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	Total
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	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	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	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	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	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	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	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	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	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	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	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	12
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**162**	**0**	**0**	**0**	**0**	**0**	**10**	**0**	**0**	**1**	**0**	**0**	**3**	**2**	**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 + 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=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

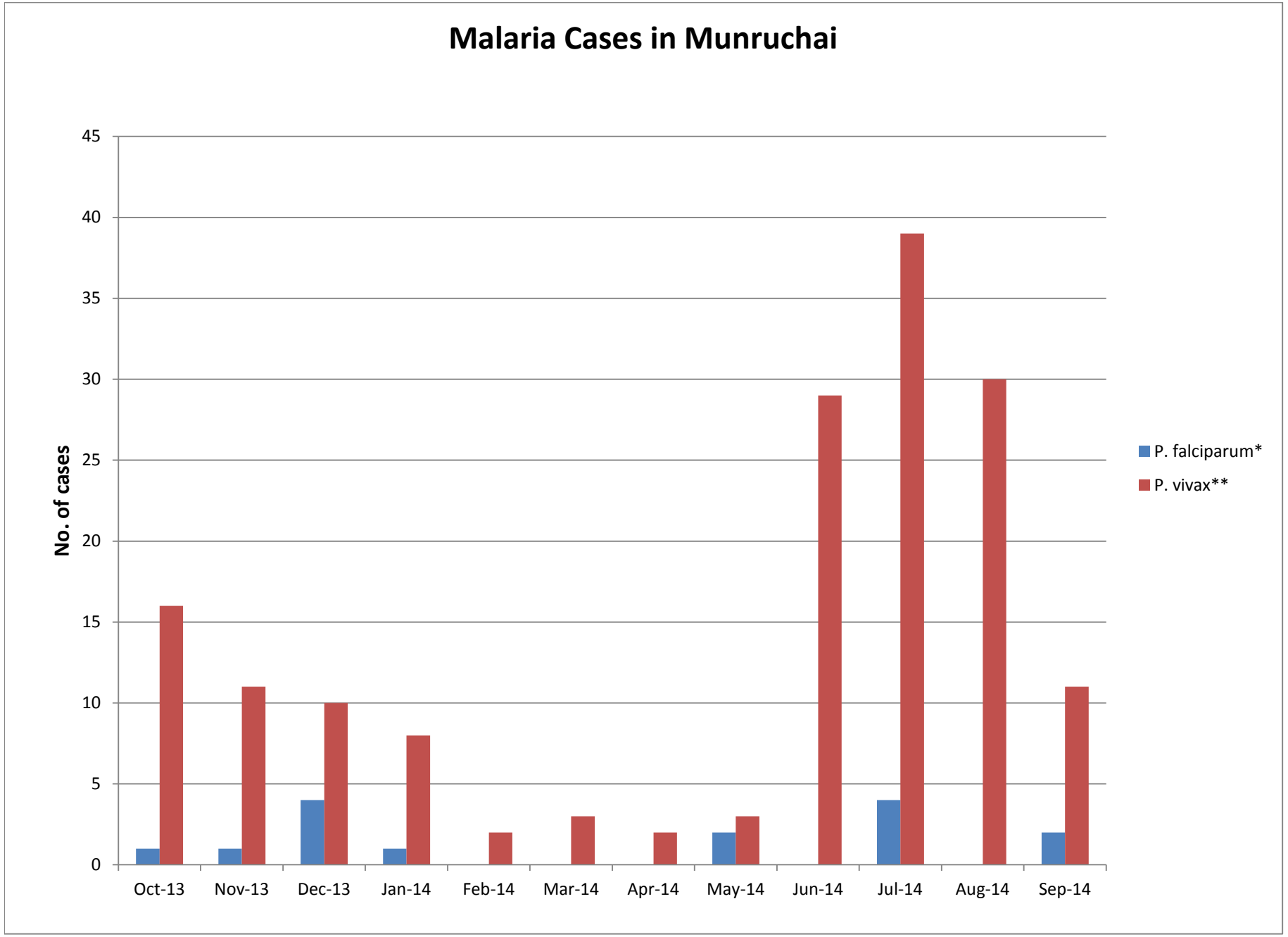
***"PFT+PVT" are counted both as pf and pv**
***"trophoziote+gametocyte" are counted as both trophozoite and gametocyte**
***"pfg+pvg" are counted as both pfg and pvg**
***"pft+other = pft mix with pmt or pot**
***"pvt+other = pvt mix with pmt+pot**

Malaria Cases in Munruchai (by age and sex group)

Month	Neg									Total Neg	PF									Total PF	PV									Total PV	Total positive	Total Test	%NEG			%PF			%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 -	M	F	Sub-total				<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y
Oct-13	38	35	73	21	34	55	30	47	77	205	0	0	0	0	1	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	1	1	0	0	0	3	4	7	2	2	4	11	12	140	33.6	25.8	40.6	0.0	0.0	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	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	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	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
No. of cases
45
40
35
30
25
20
15
10
5
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. falciparum*
P. vivax**

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**	**0**	**9161**	**1150**	**8011**	**220**	**930**	**3**	**0**	**15**	**372**	**2**	**0**

	Treatment																														
Month	**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**	**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	0	7	1	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	0	3	0	0	0	0	0	0	6	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	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	0	8	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	0	10	0	0	0	1	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	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	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	0	5	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	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**
***"trophoziote+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)		Ceerebral 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

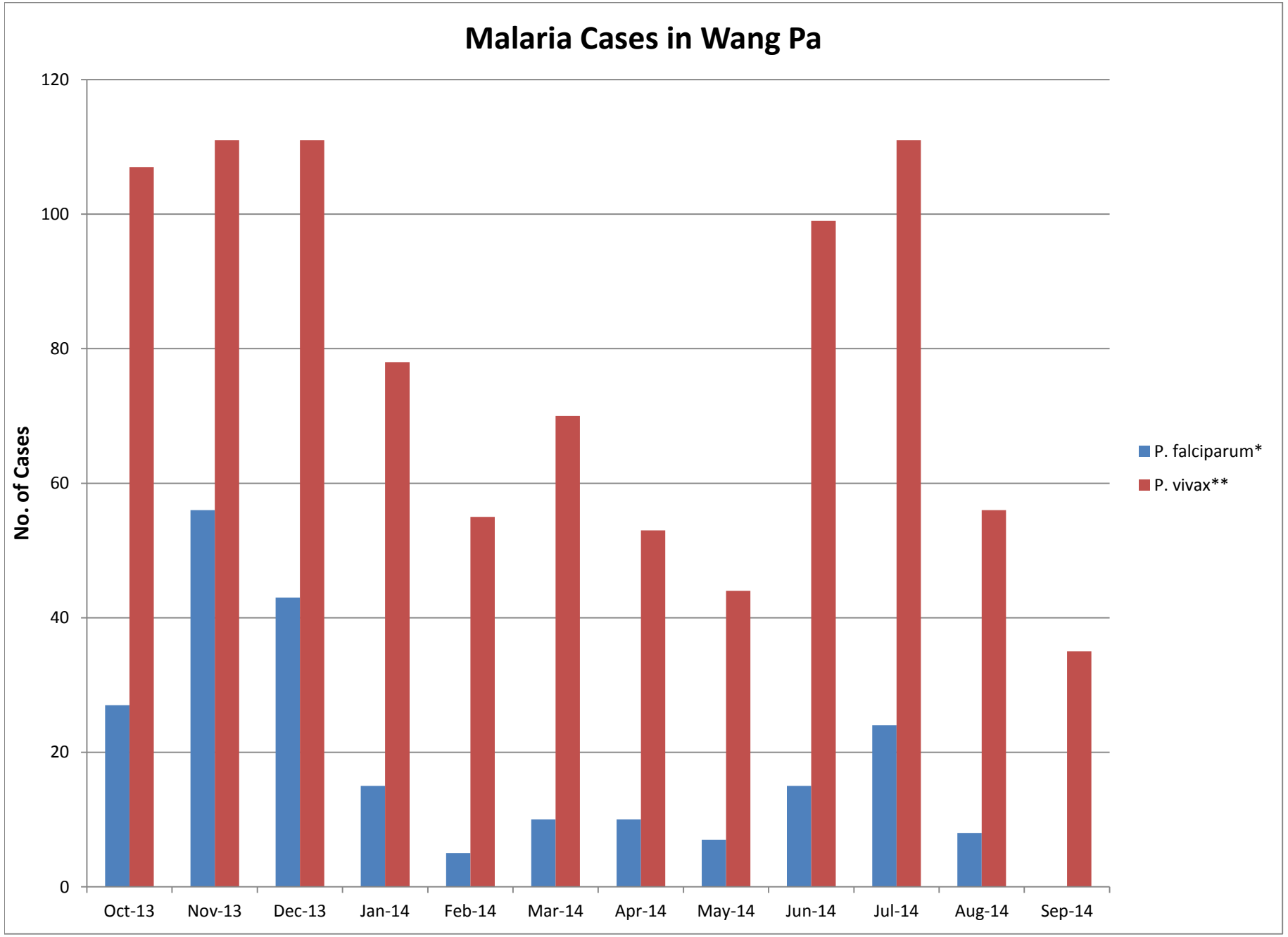
Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D
Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D
A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D
A7= Artesunate 2mg/kg x 7D
COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)
SQ7=Supervised Quinine 10 mg/kg/tid 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=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**
***"trophoziote+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 Wang Pa (by age and sex group)

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	< 5Y	5-15 Y	> 15 Y	< 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	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


Malaria Cases in Wang Pa
No. of Cases
120
100
80
60
40
20
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. falciparum*
P. vivax**

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	1	0	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**	**0**	**1984**	**221**	**1763**	**34**	**188**	**0**	**0**	**7**	**140**	**0**	**0**

Month	Treatment																														
	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	Total
Oct-13	1	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	2	0	0	0	10	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	3	0	0	0	3	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	1	0	0	0	2	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	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	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	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	8
May-14	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	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	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	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	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	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**	**215**

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

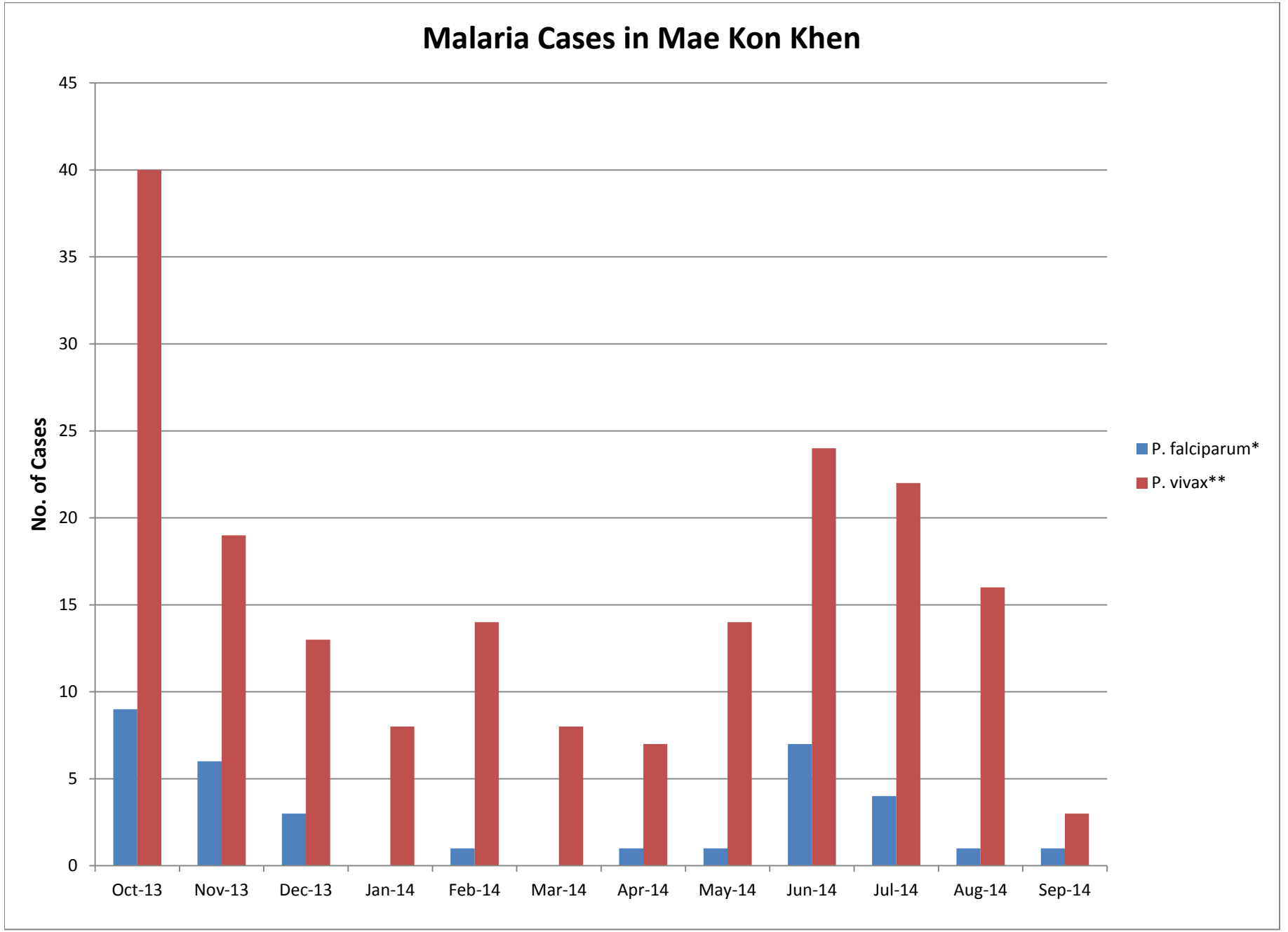
IPD														
		Malaria(pf)		Severe Malaria(pf)		Ceerebral Malaria								
Site	Patient	<4%	>4%	<4%	>4%	<4%	>4%	Others	PFG	PV	PM	PO	Mix	Number of blood transfusion
Oct-13	5	0	1	0	0	0	0	4	0	0	0	0	0	0
Nov-13	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Dec-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-14	0	0	0	0	0	0	0	0	0	0	0	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 + Piperaquine12.8mg/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**
***"trophoziote+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												
	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	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	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**
***" Trophoziote+gametocyte" are counted as both trophozoite and gametocyte**
***"PFG+PVG" are counted as both PFG and PVG**


Malaria Cases in Mae Kon Khen
No. of Cases
45
40
35
30
25
20
15
10
5
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. falciparum*
P. vivax**

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+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	223	4	0	0	0	0	0	0	0	0	0	33	0	0	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	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	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	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	6	0	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	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	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	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	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	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	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**	**0**	**0**	**1651**	**245**	**1406**	**34**	**212**	**0**	**0**	**0**	**3**	**0**	**0**

Month	Treatment																														
	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	Total
Oct-13	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	36
Nov-13	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	7	0	0	0	0	0	0	1	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	3	0	0	0	0	0	0	4	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	4	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	1	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	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	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	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	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	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
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
Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**209**	**0**	**0**	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**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
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=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

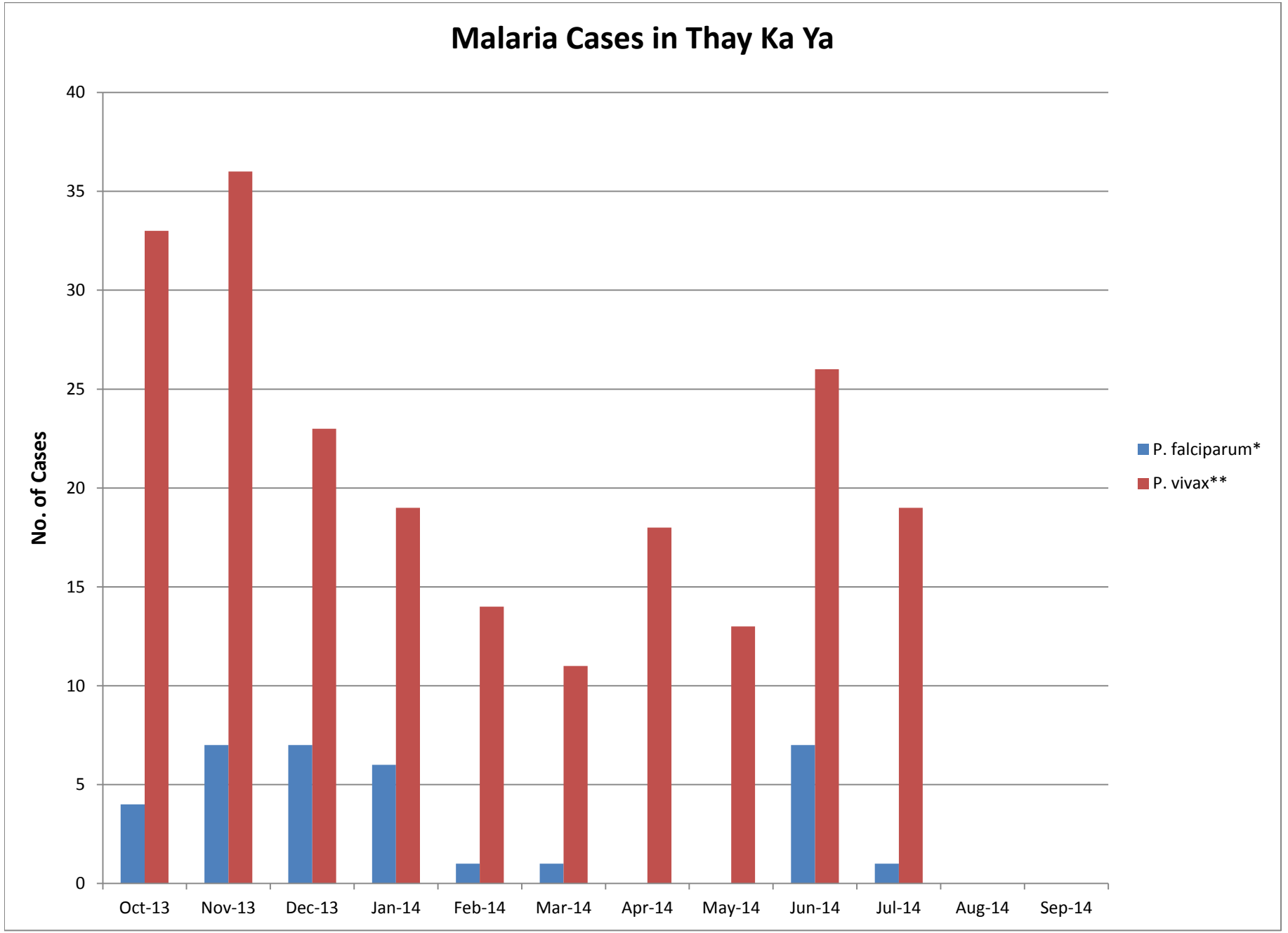
***"PFT+PVT" are counted both as pf and pv**
***"trophoziote+gametocyte" are counted as both trophozoite and gametocyte**
***"pfg+pvg" are counted as both pfg and pvg**
***"pft+other = pft mix with pmt or pot**
***"pvt+other = pvt mix with pmt+pot**

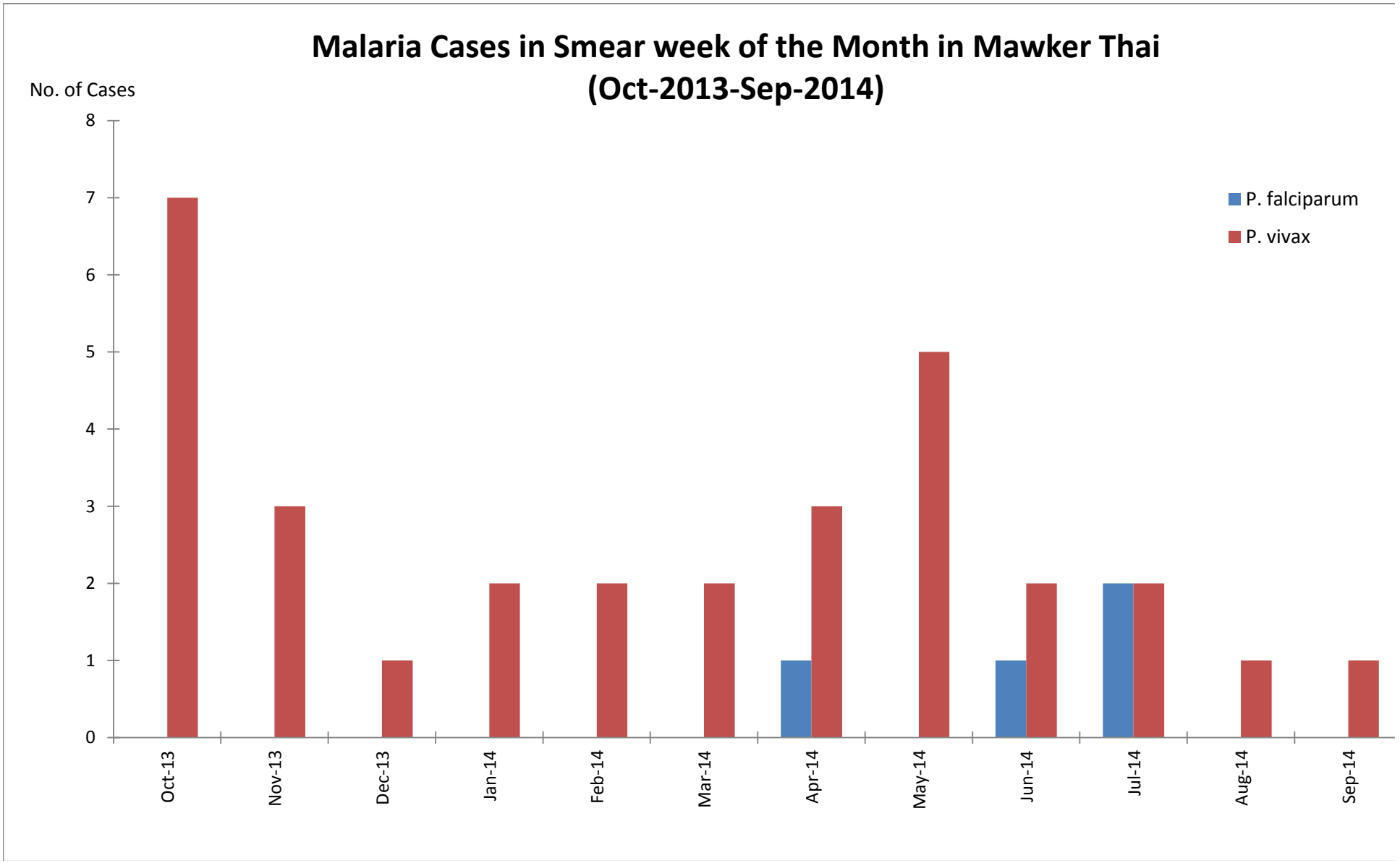
Month	Neg										PF										PV										Total positive	Total Test	%NEG			%PF			%PV		
	<5y			5-15y			>15y			Total Neg	<5y			5-15y			>15y			Total PF	<5y			5-15y			>15y			Total PV												
	M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total		M	F	Sub-total	M	F	Sub-total	M	F	Sub-total				<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y	<5Y	5-15Y	>15Y
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
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
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**

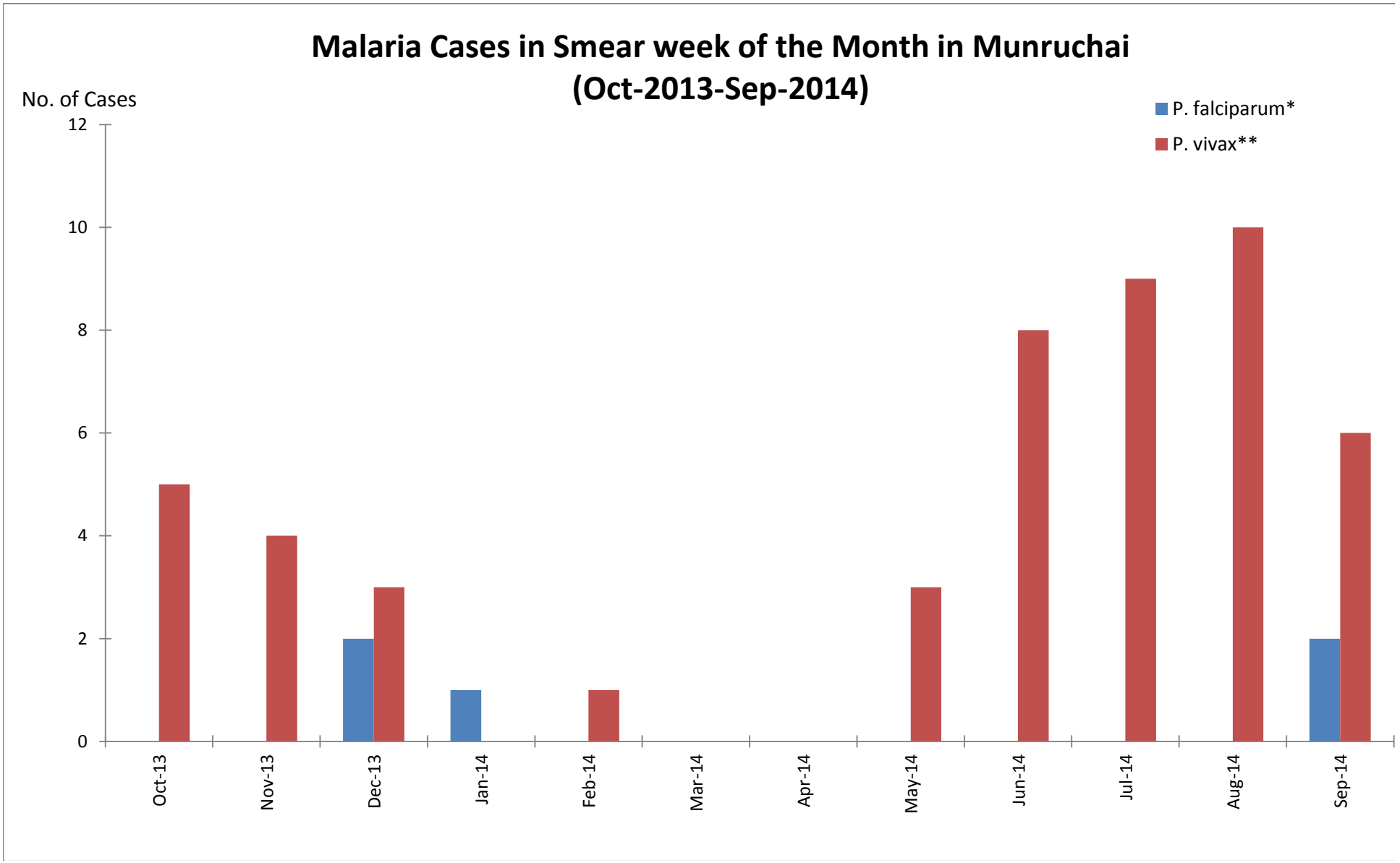
***" Trophoziote+gametocyte" are counted as both trophozoite and gametocyte**

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

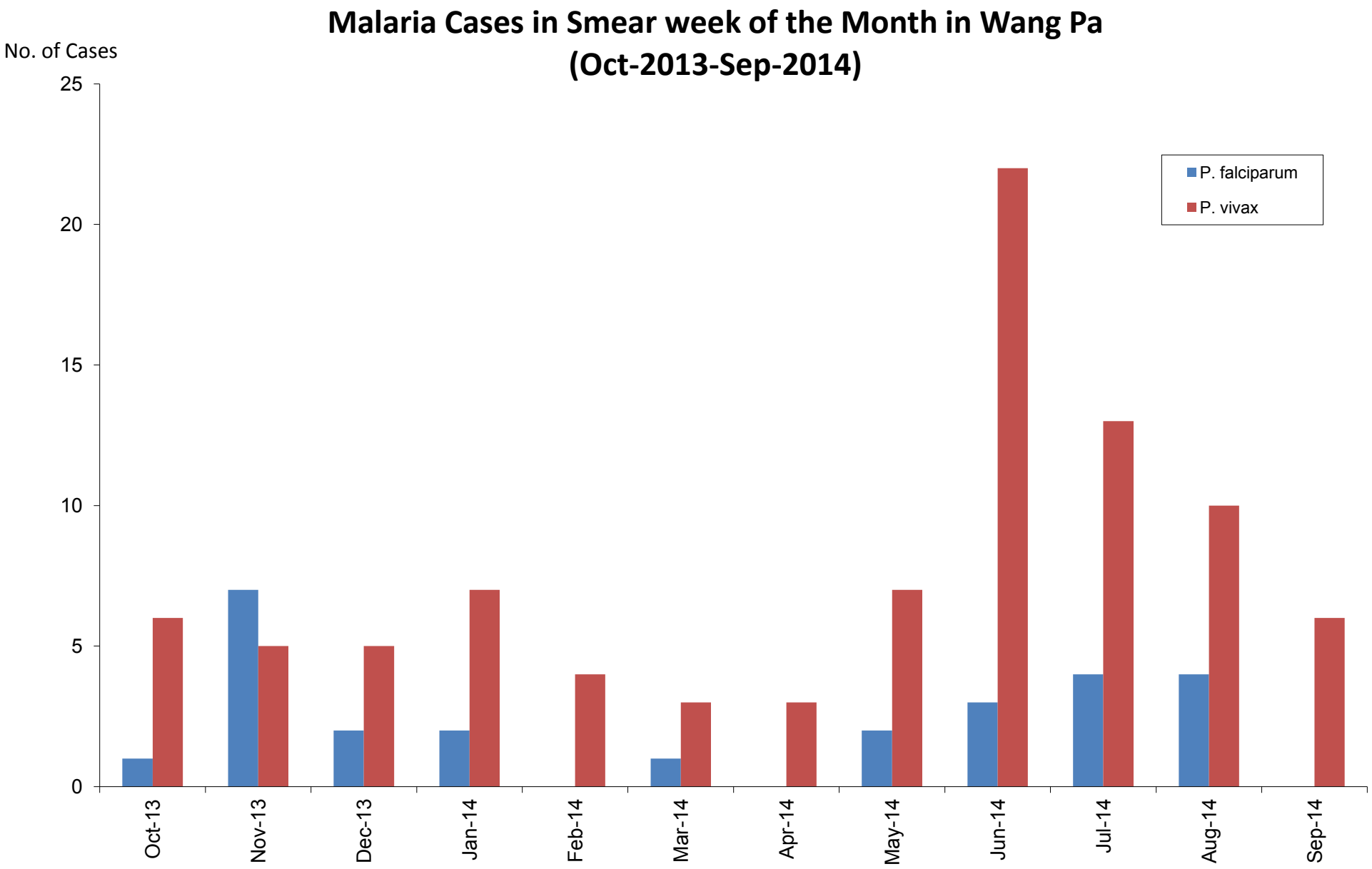

Malaria Cases in Thay Ka Ya
No. of Cases
40
35
30
25
20
15
10
5
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. falciparum*
P. vivax**



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

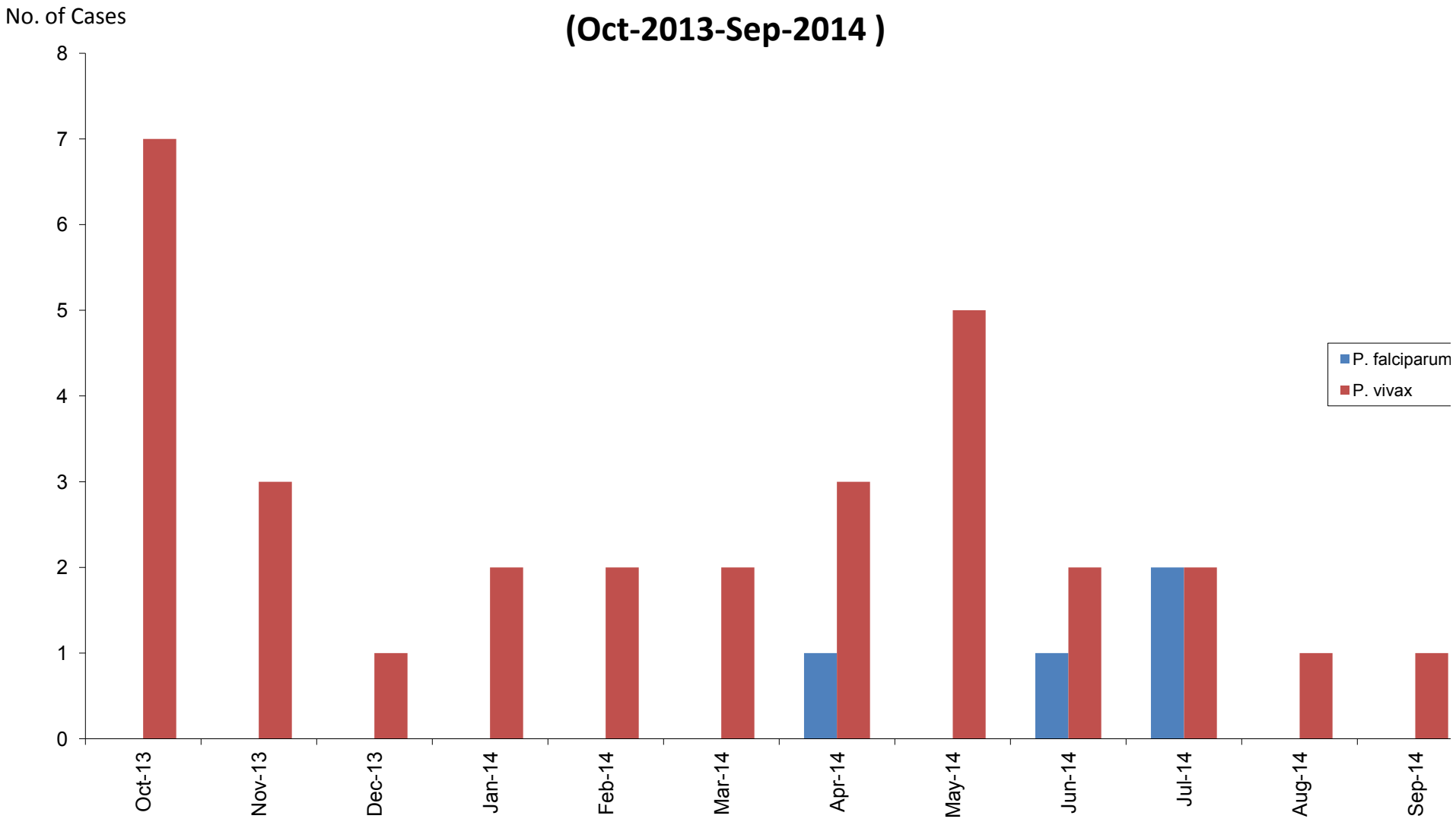


*** For the smear-week data,all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.**



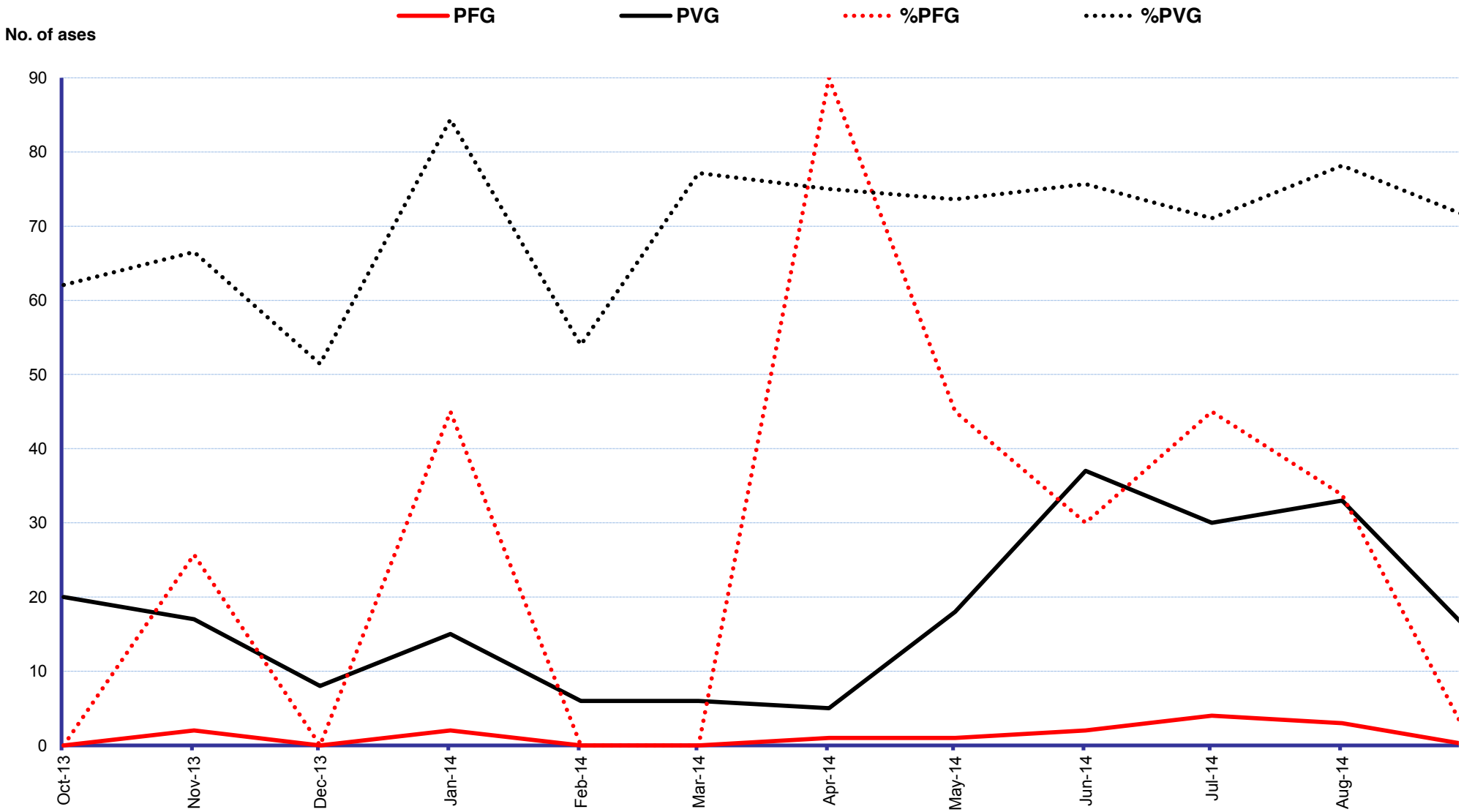
*** For the smear-week data,all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.**

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



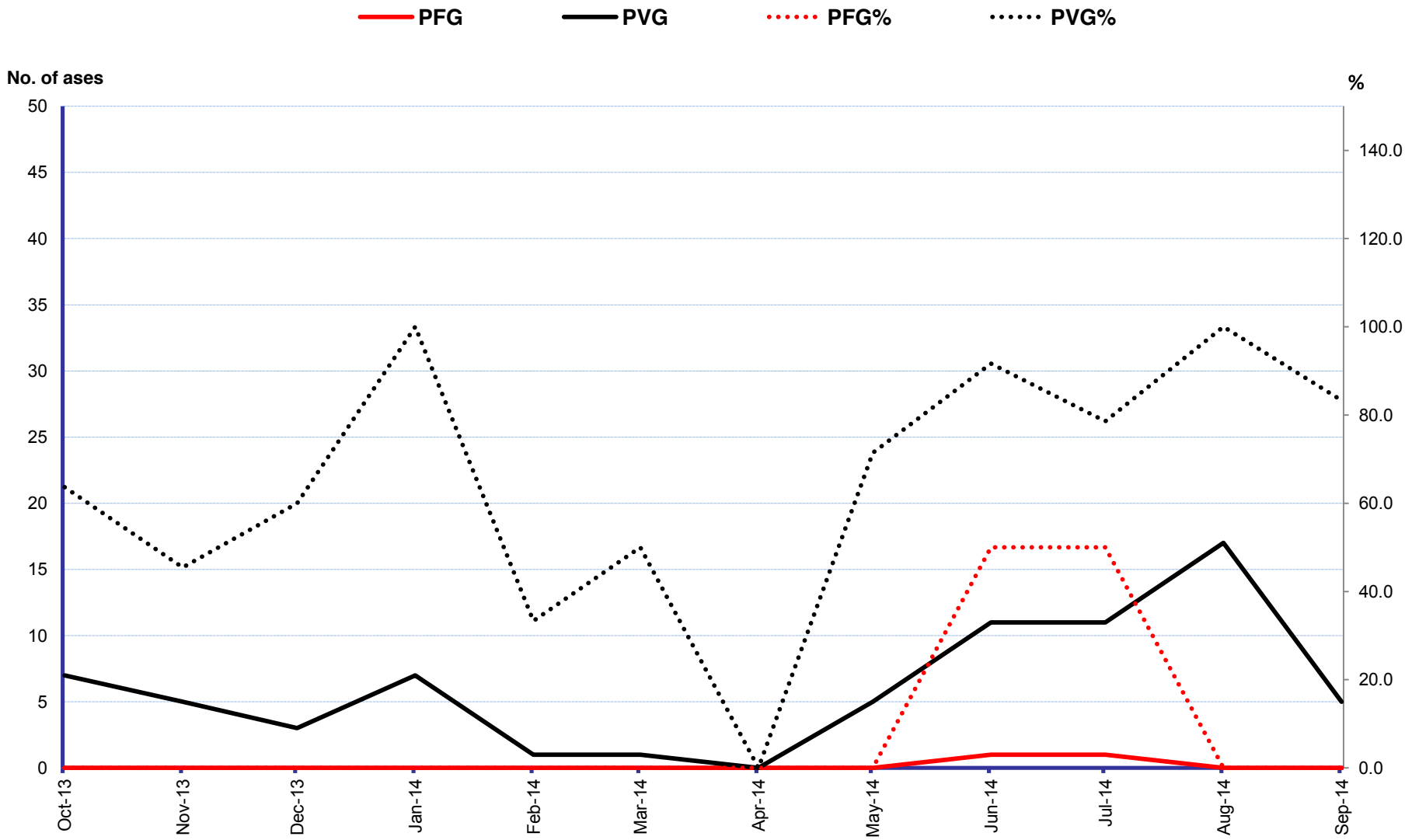
***For the smear-week data,all patients have a malaria and only the smear results are counted for both P-Falciparum and, P-Vivax.**

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



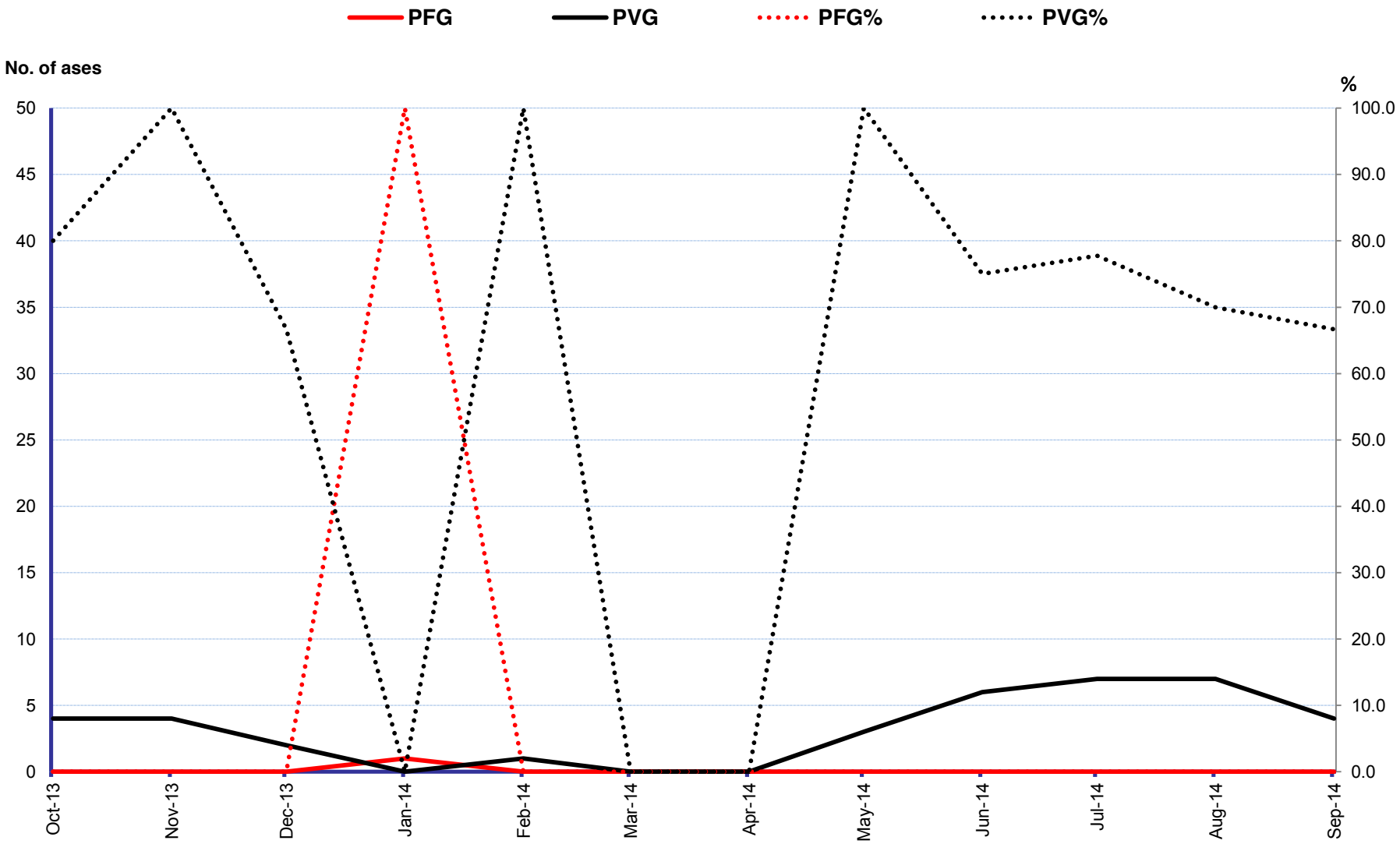
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

Weekly Gametocytes
MKT Oct 2013 To Sep 2014



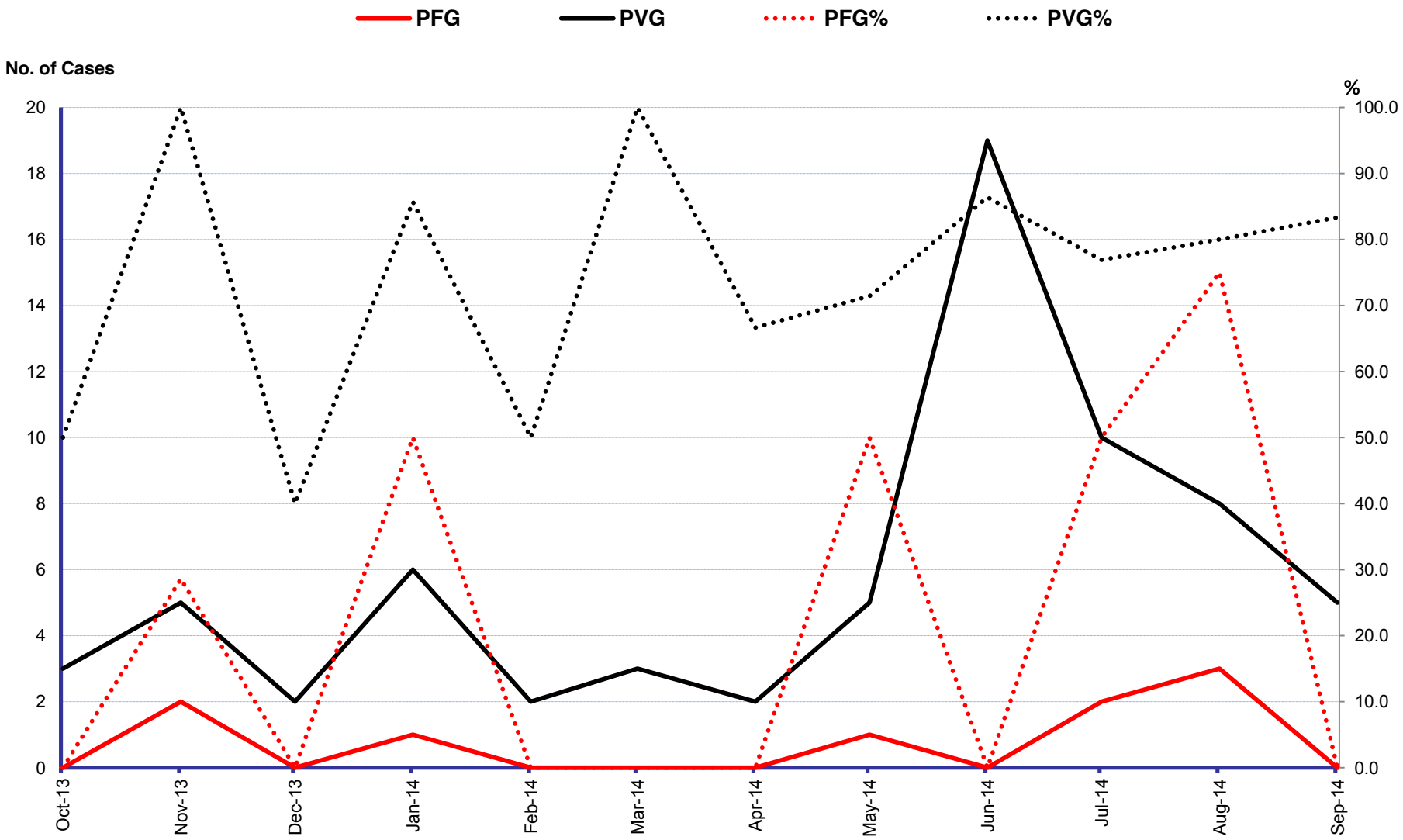
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

Weekly Gametocytes
MLC Oct 2013 To Sep 2014



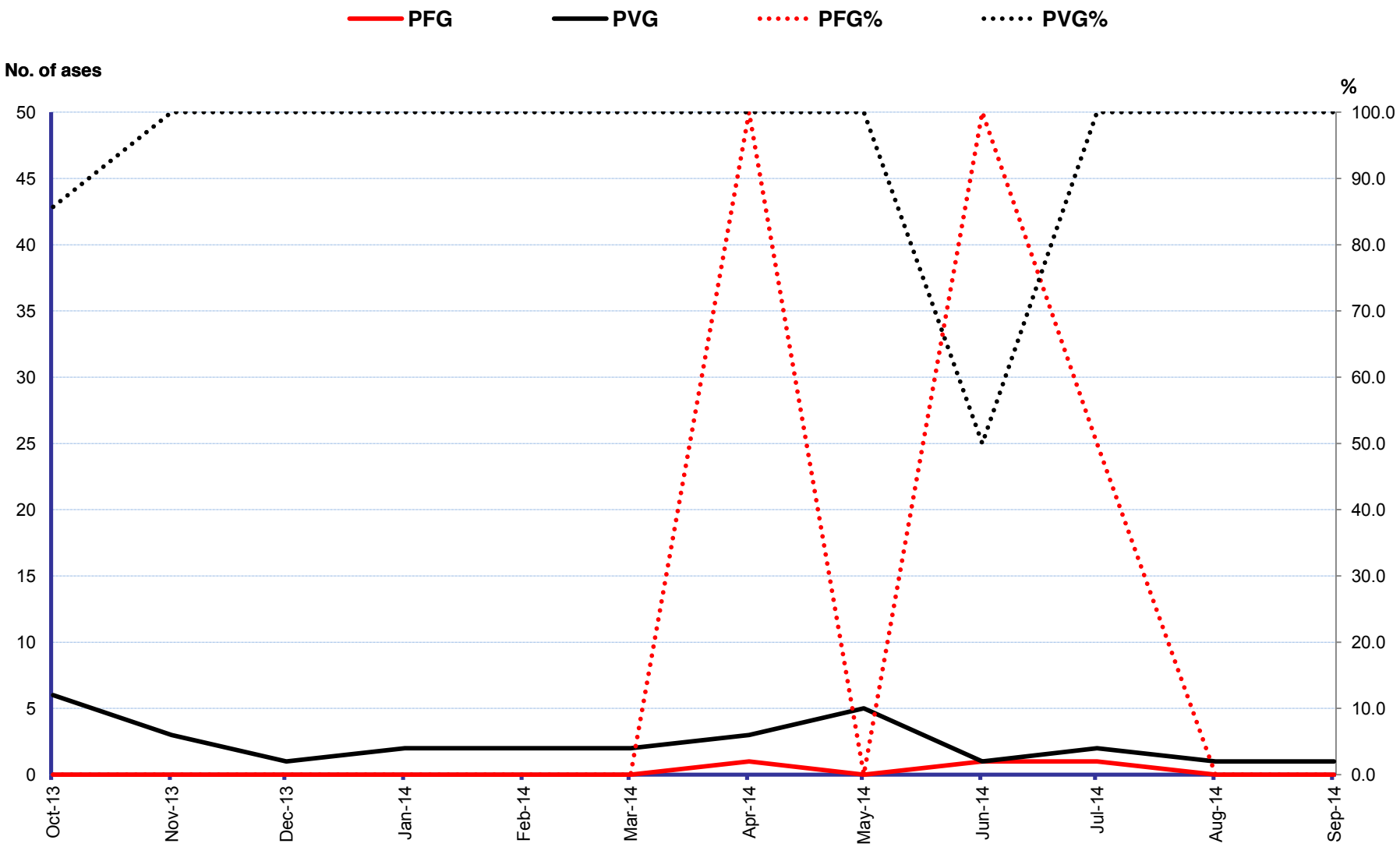
Note: Start using New Rapid diagnosis test "RDT" (Able to detect PF and PV) on 15/06/2009 at Wang Pa Clinic. Other clinics started on 1st July-2009

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

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

	Start Date	End Date
Reporting Period	01-Oct-13	30-Sep-14

Month	Diagnosis	Site																			
		MKT				MRC				WPA				MKK				TKY			
		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	0-4 Years	5-15 Years	>15 Years	Total	0-4 Years	5-15 Years	>15 Years	Total
Oct-13 to Sep-14	Lower respiratory tract infection	367	91	202	660	263	118	175	556	431	80	100	611	149	32	118	299	64	20	24	108
	Upper respiratory tract infection	484	242	360	1086	248	167	169	584	1345	579	630	2554	266	264	264	794	107	68	56	231
	Watery Diarrhoea	186	22	45	253	40	11	9	60	198	25	44	267	36	7	6	49	16	4	4	24
	Bloody diarrhoea	24	9	34	67	9	2	7	18	18	7	7	32	5	1	3	9	1	1	0	2
	Typhoid	9	10	14	33	1	4	6	11	8	5	12	25	6	5	6	17	7	6	8	21
	Abscess/Wound/Burns	58	63	195	316	25	33	54	112	57	34	82	173	31	29	58	118	4	5	11	20
	Skin diseases	158	82	103	343	50	65	36	151	148	48	97	293	28	21	33	82	9	8	5	22
	Meningitis	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	3	3	0	6	1	1	0	2	1	0	2	3	0	0	0	0	0	0	0	0
	UTI	7	4	131	142	0	1	23	24	15	11	66	92	0	0	34	34	0	0	4	4
	B1 Def	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Worms	93	78	102	273	44	73	51	168	292	273	258	823	17	36	48	101	48	37	22	107
	Others	1493	991	3195	5679	339	471	905	1715	1521	792	3075	5388	103	123	586	812	85	111	336	532
	Total	**2883**	**1597**	**4381**	**8861**	**1020**	**946**	**1435**	**3401**	**4034**	**1854**	**4373**	**10261**	**641**	**518**	**1156**	**2315**	**341**	**260**	**470**	**1071**

Respiratory infections total Summary report: SMRU Migrant : Oct 2013-Sep 2014

Month	Site	AgeGroup	Upper Respiratory	Lower Respiratory	Pneumonia(OPD)	Pneumonia(IPD)	Total	Deaths
Oct-13 to Sep-14	MKT	< 1 Year	229	18	90	29	366	0
		1-4 Years	379	31	126	16	552	0
		5-14 Years	369	20	30	4	527	0
		>=15 Years	423	73	30	1	423	0
	MRC	< 1 Year	135	7	86	2	230	0
		1-4 Years	245	11	166	0	422	0
		5-14 Years	338	23	59	0	420	0
		>=15 Years	269	147	15	0	431	0
	WPA	< 1 Year	645	40	312	108	1105	0
		1-4 Years	756	52	303	47	1158	0
		5-14 Years	661	29	81	6	777	1
		>=15 Years	940	130	75	5	1150	0
	MKK	< 1 Year	112	13	82	0	207	0
		1-4 Years	208	12	150	0	370	0
		5-14 Years	296	18	64	0	378	0
		>=15 Years	414	71	48	0	533	0
	TKY	< 1 Year	58	0	45	0	103	0
		1-4 Years	107	8	92	0	207	0
		5-14 Years	136	10	15	0	161	0
		>=15 Years	130	19	33	0	182	0
		Total	**6850**	**732**	**1902**	**218**	**9702**	**1**

Clinic	Cause of death
MKT(10)	Aortic dissection
	Sever Pneumonie (by Phobpha Hospital)
	Cardio respiratory Arrest
	Eclampsia and Cerebrovascular Accident
	Sepsis
	Asphyxia (Accident)
	Respiratory Arrest
	Respiratory Failure
	Respiratory Distress Syndrome
	Heart Failure
WPA(17)	Advanced HIV / AIDS
	sepsis
	Premature, sepsis and hypoglycaemia
	Peritonitis
	Pulmonary tuberculosis
	Meningitis
	Cardio-respiratory arrest
	Intracranial haemorrhage
	Acute cerebro-vascular accident
	Sepsis
	Asphyxia
	Sepsis, multi-organ failure
	Respiratory distress syndrome
	Prematurity (severe)
	Prematurity (severe)
	Severe respiratory distress
	Diphtheria
WPA TB(2)	Sentenced to death
	Severe malnutrition and advanced HIV / AIDS
Other KoKo (1)	Septicaemia
Other(1)	TB meningitis

Clinic	Cause of death
Other WPATB(13)	Cirrhosis of liver
	Advanced HIV
	HIV induced myelo-neuropathy
	Chronic congestive Cardiac failure
	Advanced HIV / AIDS
	HIV induced nephropathy
	HIV induced encephalopathy
	Acute myocardial Infarction
	Severe immuno-supression due to HIV / AIDS
	Kaposi sarcoma
	Cerebral toxoplasmosis
	Fulminant hepatic failure
	Hepato-renal failure
Other KKTB(7)	Lung Cancer
	Asphyxia due to severe hemoptysis
	Advanced HIV / AIDS and TB
	Tension pneumothorax with pulmonary TB
	Advanced HIV / AIDS with myelo-neuropathy
	Chronic respiratory failure with pulomonary TB
	Lung cancer

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month		Age						Total
		<5y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Oct-13	Lower respiratory tract infection	23	32	8	6	13	9	91
	Upper respiratory tract infection	30	34	9	13	13	36	135
	Watery diarrhoea	4	2	0	0	2	0	8
	Bloody diarrhoea	0	0	1	0	2	1	4
	Typhoid	0	1	0	0	0	1	2
	Abscess/Wound/Burns	6	4	4	3	12	7	36
	Skin diseases	7	5	0	5	5	7	29
	Meningitis	1	0	1	0	0	0	2
	Measles	0	0	0	0	0	0	0
	UTI	1	0	0	0	1	5	7
	B1 deficiency	0	0	0	0	0	3	3
	Worms	3	2	7	3	2	4	21
	Others	70	50	42	38	106	202	508
	Total	**145**	**130**	**72**	**68**	**156**	**275**	**846**
Nov-13	Lower respiratory tract infection	19	19	2	2	6	7	55
	Upper respiratory tract infection	18	12	10	4	13	8	65
	Watery diarrhoea	7	7	1	2	1	2	20
	Bloody diarrhoea	3	0	0	1	1	1	6
	Typhoid	0	0	0	1	1	1	3
	Abscess/Wound/Burns	5	1	1	4	10	8	29
	Skin diseases	9	4	3	1	4	3	24
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	1	1	0	0	2
	UTI	0	0	2	1	0	10	13
	B1 deficiency	0	0	0	0	0	5	5
	Worms	4	2	1	1	2	1	11
	Others	57	48	37	31	102	150	425
	Total	**122**	**93**	**58**	**49**	**140**	**196**	**658**
Dec-13	Lower respiratory tract infection	15	11	2	1	8	3	40
	Upper respiratory tract infection	31	12	7	4	6	10	70
	Watery diarrhoea	4	6	0	0	0	3	13
	Bloody diarrhoea	1	3	0	0	2	2	8
	Typhoid	0	1	0	0	0	0	1
	Abscess/Wound/Burns	2	1	3	1	14	6	27
	Skin diseases	4	7	2	2	3	4	22
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	1	0	0	16	17
	B1 deficiency	0	0	0	0	0	0	0
	Worms	5	4	3	1	3	8	24
	Others	43	39	31	20	74	145	352
	Total	**105**	**84**	**49**	**29**	**110**	**197**	**574**
Jan-14	Lower respiratory tract infection	0	0	0	0	0	0	0
	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**

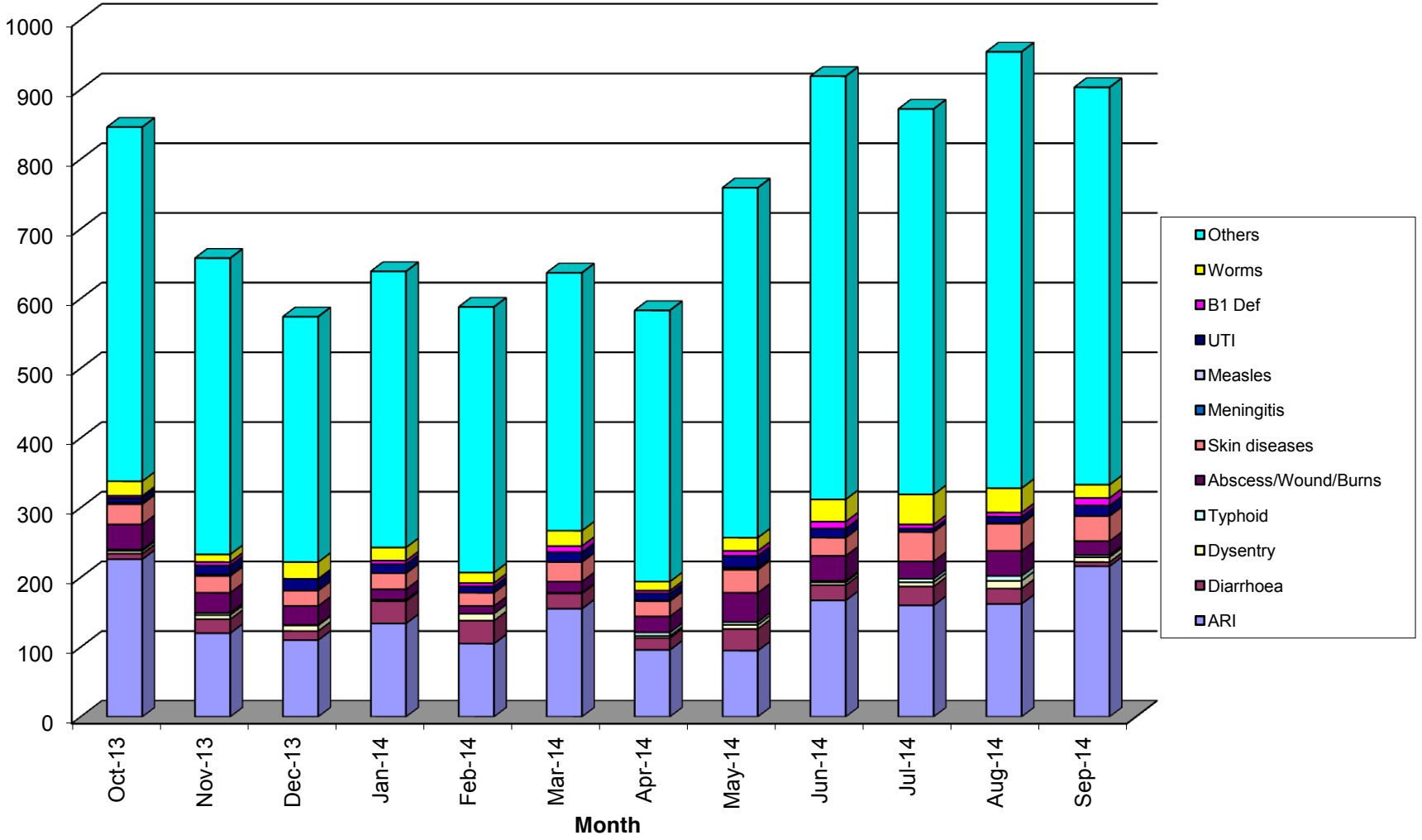
No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Feb-14	Lower respiratory tract infection	9	4	1	2	5	8	29
	Upper respiratory tract infection	29	12	8	7	11	9	76
	Watery diarrhoea	13	16	0	1	2	1	33
	Bloody diarrhoea	1	1	0	2	1	5	10
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	5	2	2	0	1	1	11
	Skin diseases	4	4	1	2	4	4	19
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	0	2	7	9
	B1 deficiency	0	0	0	0	2	3	5
	Worms	5	1	2	1	1	5	15
	Others	68	58	22	29	65	139	381
	Total	**134**	**98**	**36**	**44**	**94**	**182**	**588**
Mar-14	Lower respiratory tract infection	12	8	4	2	11	11	48
	Upper respiratory tract infection	34	36	7	5	9	16	107
	Watery diarrhoea	10	5	0	1	3	3	22
	Bloody diarrhoea	0	0	0	0	0	1	1
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	0	2	3	0	5	6	16
	Skin diseases	3	9	4	4	2	6	28
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	0	7	7	14
	B1 deficiency	0	1	0	0	2	6	9
	Worms	2	3	3	5	4	5	22
	Others	71	55	24	31	58	131	370
	Total	**132**	**119**	**45**	**48**	**101**	**192**	**637**
Apr-14	Lower respiratory tract infection	10	11	1	3	7	10	42
	Upper respiratory tract infection	12	12	3	8	8	11	54
	Watery diarrhoea	8	5	1	0	0	3	17
	Bloody diarrhoea	0	1	0	0	0	2	3
	Typhoid	0	1	0	3	1	0	5
	Abscess/Wound/Burns	4	0	1	0	15	3	23
	Skin diseases	6	6	4	3	1	2	22
	Meningitis	0	0	0	0	0	0	0
	Measles	1	0	0	0	0	0	1
	UTI	0	0	0	0	3	7	10
	B1 deficiency	0	0	0	0	2	2	4
	Worms	4	0	2	2	1	4	13
	Others	53	54	32	37	83	130	389
	Total	**98**	**90**	**44**	**56**	**121**	**174**	**583**
May-14	Lower respiratory tract infection	18	10	2	3	5	5	43
	Upper respiratory tract infection	7	11	12	10	6	6	52
	Watery diarrhoea	13	10	2	2	1	3	31
	Bloody diarrhoea	2	1	0	0	1	2	6
	Typhoid	1	1	0	0	2	0	4
	Abscess/Wound/Burns	4	1	14	2	16	5	42
	Skin diseases	11	5	3	6	2	6	33
	Meningitis	0	0	0	1	0	0	1
	Measles	0	2	0	0	0	0	2
	UTI	0	0	0	0	5	12	17
	B1 deficiency	1	0	0	0	3	3	7
	Worms	3	5	2	1	2	6	19
	Others	96	69	32	56	90	159	502
	Total	**156**	**115**	**67**	**81**	**133**	**207**	**759**

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Jun-14	Lower respiratory tract infection	10	12	1	6	13	11	53
	Upper respiratory tract infection	22	15	11	21	16	29	114
	Watery diarrhoea	8	5	3	1	1	4	22
	Bloody diarrhoea	0	1	1	0	0	2	4
	Typhoid	0	1	0	0	0	1	2
	Abscess/Wound/Burns	2	4	7	2	13	8	36
	Skin diseases	8	2	4	3	8	1	26
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	1	0	0	3	9	13
	B1 deficiency	0	0	0	0	3	7	10
	Worms	10	3	5	5	4	5	32
	Others	78	72	64	65	121	207	607
	Total	**138**	**116**	**96**	**103**	**182**	**284**	**919**
Jul-14	Lower respiratory tract infection	17	7	9	8	9	9	59
	Upper respiratory tract infection	21	16	11	20	17	16	101
	Watery diarrhoea	12	5	2	1	1	6	27
	Bloody diarrhoea	0	0	2	1	1	2	6
	Typhoid	0	0	1	2	2	0	5
	Abscess/Wound/Burns	2	2	2	2	11	6	25
	Skin diseases	13	6	7	5	9	2	42
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	1	0	0	2	2	5
	B1 deficiency	0	0	1	0	1	4	6
	Worms	7	8	4	10	4	10	43
	Others	69	55	56	47	119	207	553
	Total	**141**	**100**	**95**	**96**	**176**	**264**	**872**
Aug-14	Lower respiratory tract infection	13	12	3	9	10	12	59
	Upper respiratory tract infection	18	17	12	17	19	20	103
	Watery diarrhoea	11	6	0	2	3	0	22
	Bloody diarrhoea	4	0	0	0	5	2	11
	Typhoid	1	1	0	1	2	2	7
	Abscess/Wound/Burns	1	2	4	2	13	14	36
	Skin diseases	9	6	6	5	8	5	39
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	1	0	0	1
	UTI	0	0	0	0	2	7	9
	B1 deficiency	0	0	0	0	2	4	6
	Worms	4	8	5	7	5	6	35
	Others	64	73	68	48	154	219	626
	Total	**125**	**125**	**98**	**92**	**223**	**291**	**954**
Sep-14	Lower respiratory tract infection	51	30	6	5	12	7	111
	Upper respiratory tract infection	21	16	15	12	18	23	105
	Watery diarrhoea	2	1	0	0	2	1	6
	Bloody diarrhoea	2	3	1	0	1	0	7
	Typhoid	1	0	1	1	0	0	3
	Abscess/Wound/Burns	1	2	2	2	6	7	20
	Skin diseases	8	12	6	2	5	3	36
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	1	0	0	0	3	11	15
	B1 deficiency	1	1	0	0	0	9	11
	Worms	4	2	2	0	4	7	19
	Others	66	67	70	62	143	162	570
	Total	**158**	**134**	**103**	**84**	**194**	**230**	**903**

MawkerThai Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month		Age						Total
		<5y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Oct-13	Lower respiratory tract infection	18	18	10	7	6	12	71
	Upper respiratory tract infection	13	11	3	6	3	7	43
	Watery diarrhoea	1	0	0	0	0	0	1
	Bloody diarrhoea	0	0	0	0	1	1	2
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	0	2	0	1	1	0	4
	Skin diseases	5	4	8	8	2	5	32
	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	1	2	0	5	1	2	11
	Others	19	23	8	29	24	66	169
	Total	**57**	**60**	**29**	**56**	**38**	**96**	**336**
Nov-13	Lower respiratory tract infection	19	14	2	4	4	7	50
	Upper respiratory tract infection	5	6	6	3	4	7	31
	Watery diarrhoea	0	0	1	0	1	0	2
	Bloody diarrhoea	1	0	0	0	0	0	1
	Typhoid	0	0	0	0	2	0	2
	Abscess/Wound/Burns	0	0	1	2	3	1	7
	Skin diseases	1	1	3	0	1	2	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	1	1
	Worms	1	1	2	2	1	3	10
	Others	7	6	10	11	25	45	104
	Total	**34**	**28**	**25**	**22**	**41**	**66**	**216**
Dec-13	Lower respiratory tract infection	15	7	2	3	7	5	39
	Upper respiratory tract infection	19	3	5	7	4	11	49
	Watery diarrhoea	2	1	0	0	1	1	5
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	1	1	0	0	2
	Abscess/Wound/Burns	0	2	0	0	0	4	6
	Skin diseases	1	1	2	1	0	1	6
	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	1	8	0	0	0	1	10
	Others	8	7	14	9	19	34	91
	Total	**46**	**29**	**24**	**21**	**31**	**59**	**210**
Jan-14	Lower respiratory tract infection	14	8	1	4	8	8	43
	Upper respiratory tract infection	11	5	6	2	4	16	44
	Watery diarrhoea	1	1	0	0	0	0	2
	Bloody diarrhoea	0	0	0	0	0	1	1
	Typhoid	0	0	1	0	0	0	1
	Abscess/Wound/Burns	1	0	2	1	3	5	12
	Skin diseases	0	1	1	1	0	0	3
	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	1	3	2	0	3	9
	Others	8	5	14	12	14	24	77
	Total	**35**	**21**	**28**	**22**	**29**	**57**	**192**

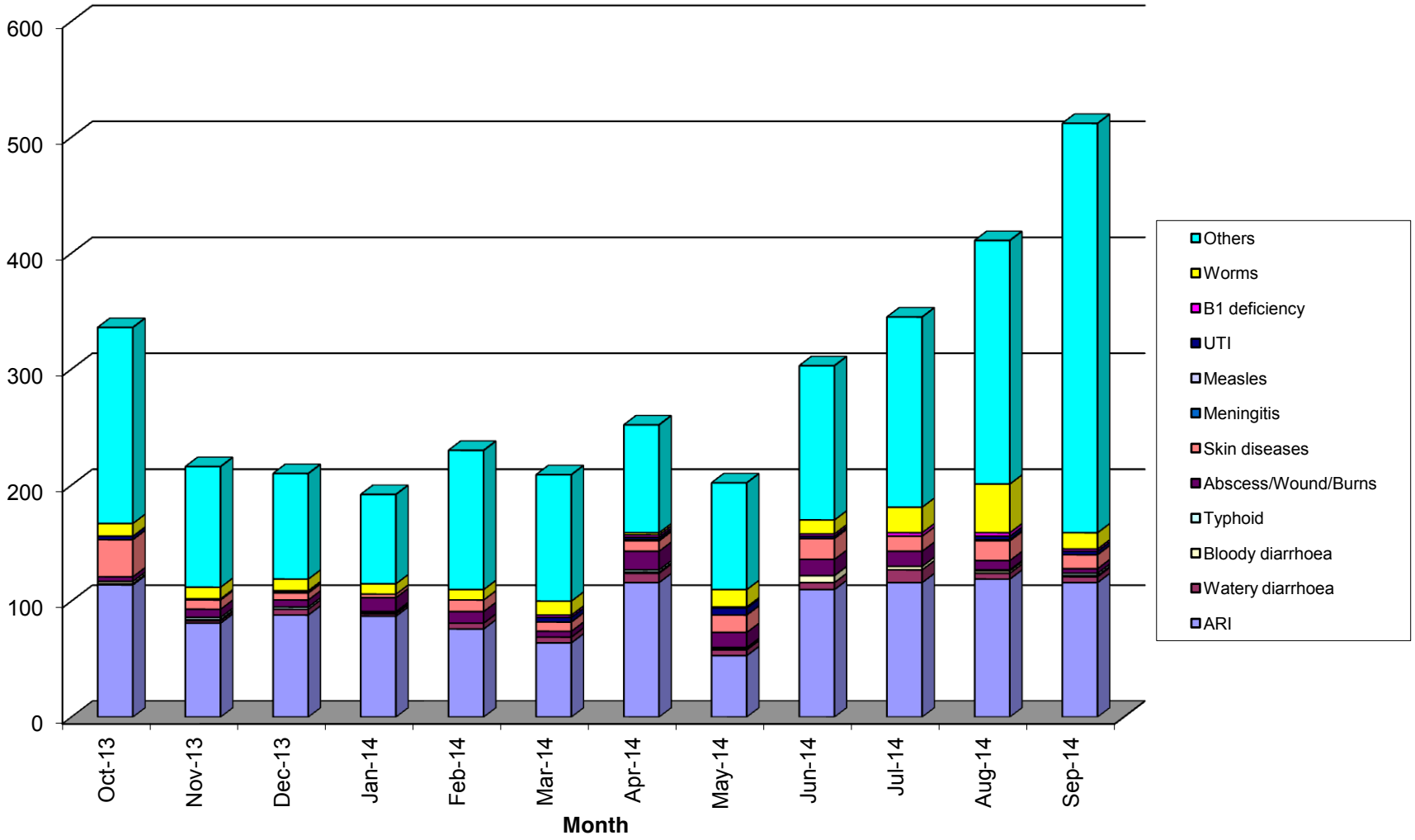
No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Feb-14	Lower respiratory tract infection	6	4	9	7	4	3	33
	Upper respiratory tract infection	5	8	11	9	3	7	43
	Watery diarrhoea	3	2	0	0	0	0	5
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	3	1	0	2	3	1	10
	Skin diseases	3	2	1	1	0	3	10
	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	1	1	4	0	1	9
	Others	6	14	25	25	22	28	120
	Total	**28**	**32**	**47**	**48**	**32**	**43**	**230**
Mar-14	Lower respiratory tract infection	8	5	0	7	8	6	34
	Upper respiratory tract infection	7	10	0	4	1	8	30
	Watery diarrhoea	1	1	1	2	0	0	5
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	1	0	0	0	3	1	5
	Skin diseases	2	0	1	3	1	1	8
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	1	0	3	4
	B1 deficiency	0	0	0	0	0	2	2
	Worms	1	1	4	5	0	1	12
	Others	15	13	8	13	20	40	109
	Total	**35**	**30**	**14**	**35**	**33**	**62**	**209**
Apr-14	Lower respiratory tract infection	9	7	5	3	17	11	52
	Upper respiratory tract infection	11	14	12	4	14	9	64
	Watery diarrhoea	1	3	0	2	0	2	8
	Bloody diarrhoea	1	0	0	0	0	0	1
	Typhoid	0	0	1	0	1	0	2
	Abscess/Wound/Burns	2	2	2	5	4	1	16
	Skin diseases	0	2	1	2	2	2	9
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	1	0	0	1
	UTI	0	0	0	0	1	1	2
	B1 deficiency	0	0	0	0	0	2	2
	Worms	0	0	0	0	1	1	2
	Others	10	13	17	12	15	26	93
	Total	**34**	**41**	**38**	**29**	**55**	**55**	**252**
May-14	Lower respiratory tract infection	5	1	2	2	0	7	17
	Upper respiratory tract infection	9	9	4	6	5	3	36
	Watery diarrhoea	0	1	2	0	0	2	5
	Bloody diarrhoea	0	1	0	0	0	0	1
	Typhoid	0	0	0	0	0	1	1
	Abscess/Wound/Burns	4	0	1	3	4	1	13
	Skin diseases	2	3	5	3	1	1	15
	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	0	1	1
	Worms	3	4	4	2	2	0	15
	Others	19	13	9	7	15	29	92
	Total	**42**	**32**	**27**	**23**	**27**	**51**	**202**

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Jun-14	Lower respiratory tract infection	17	11	7	5	4	9	53
	Upper respiratory tract infection	13	11	7	12	4	10	57
	Watery diarrhoea	3	1	1	1	0	0	6
	Bloody diarrhoea	1	2	1	0	2	0	6
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	0	1	1	3	4	5	14
	Skin diseases	1	4	4	5	1	3	18
	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	2	1	2	0	6	12
	Others	11	19	22	21	14	46	133
	Total	**47**	**51**	**44**	**49**	**29**	**83**	**303**
Jul-14	Lower respiratory tract infection	9	7	9	6	13	8	52
	Upper respiratory tract infection	10	8	14	10	12	10	64
	Watery diarrhoea	3	7	0	0	0	1	11
	Bloody diarrhoea	0	2	0	0	1	0	3
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	2	1	3	2	0	5	13
	Skin diseases	3	3	2	2	2	1	13
	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	3	3
	Worms	1	2	7	4	2	6	22
	Others	10	12	14	13	53	62	164
	Total	**38**	**42**	**49**	**37**	**83**	**96**	**345**
Aug-14	Lower respiratory tract infection	10	9	8	3	11	6	47
	Upper respiratory tract infection	13	17	15	10	6	11	72
	Watery diarrhoea	1	3	0	1	0	0	5
	Bloody diarrhoea	0	1	0	0	1	0	2
	Typhoid	0	1	0	0	0	0	1
	Abscess/Wound/Burns	0	1	1	1	0	5	8
	Skin diseases	5	1	3	4	1	3	17
	Meningitis	0	0	0	0	0	0	0
	Measles	1	0	0	0	0	0	1
	UTI	0	0	0	0	1	2	3
	B1 deficiency	0	0	0	0	0	3	3
	Worms	4	4	10	8	10	6	42
	Others	21	15	31	25	46	72	210
	Total	**55**	**52**	**68**	**52**	**76**	**108**	**411**
Sep-14	Lower respiratory tract infection	20	22	6	6	5	6	65
	Upper respiratory tract infection	10	20	9	2	10	0	51
	Watery diarrhoea	2	2	0	0	1	0	5
	Bloody diarrhoea	0	0	0	1	0	0	1
	Typhoid	0	0	0	0	2	0	2
	Abscess/Wound/Burns	0	2	0	2	0	0	4
	Skin diseases	2	3	2	2	0	3	12
	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	2	2
	Worms	0	3	6	1	1	3	14
	Others	30	35	58	64	69	97	353
	Total	**64**	**87**	**81**	**78**	**88**	**114**	**512**

Munruchai Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month		Age						
		<5y		5-15y		>15y		Total
		Male	Female	Male	Female	Male	Female	
Oct-13	Lower respiratory tract infection	46	29	8	8	6	1	98
	Upper respiratory tract infection	85	70	20	31	25	28	259
	Watery diarrhoea	2	1	0	1	1	0	5
	Bloody diarrhoea	1	1	0	0	0	0	2
	Typhoid	0	1	1	0	1	0	3
	Abscess/Wound/Burns	2	4	3	2	3	5	19
	Skin diseases	6	4	3	2	3	5	23
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	3	3	0	0	0	6	12
	B1 deficiency	1	1	0	0	2	0	4
	Worms	10	14	13	6	8	7	58
	Others	60	55	30	20	87	197	449
	Total	**216**	**183**	**78**	**70**	**136**	**249**	**932**
Nov-13	Lower respiratory tract infection	37	19	4	5	5	10	80
	Upper respiratory tract infection	68	58	20	16	23	23	208
	Watery diarrhoea	3	5	1	0	0	2	11
	Bloody diarrhoea	2	1	0	0	1	1	5
	Typhoid	1	0	0	0	1	0	2
	Abscess/Wound/Burns	3	0	1	1	2	3	10
	Skin diseases	5	6	3	0	2	5	21
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	1	1	4	6
	B1 deficiency	0	0	0	0	1	0	1
	Worms	12	8	12	12	9	18	71
	Others	67	57	21	40	66	151	402
	Total	**198**	**154**	**62**	**75**	**111**	**217**	**817**
Dec-13	Lower respiratory tract infection	21	13	6	3	6	4	53
	Upper respiratory tract infection	56	58	13	22	27	29	205
	Watery diarrhoea	12	6	0	0	2	1	21
	Bloody diarrhoea	1	0	0	0	0	0	1
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	3	1	0	0	7	4	15
	Skin diseases	6	8	2	1	3	6	26
	Meningitis	0	0	0	0	0	0	0
	Measles	0	1	0	0	0	0	1
	UTI	0	1	0	0	0	0	1
	B1 deficiency	0	0	0	0	0	0	0
	Worms	5	10	7	10	12	11	55
	Others	65	44	13	26	77	135	360
	Total	**169**	**142**	**41**	**62**	**134**	**190**	**738**
Jan-14	Lower respiratory tract infection	11	16	1	4	7	7	46
	Upper respiratory tract infection	46	33	21	17	25	36	178
	Watery diarrhoea	19	13	1	2	1	7	43
	Bloody diarrhoea	0	0	0	0	1	0	1
	Typhoid	0	0	0	0	1	0	1
	Abscess/Wound/Burns	1	1	1	1	1	0	5
	Skin diseases	8	8	1	1	2	1	21
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	1	1	0	0	2	4	8
	B1 deficiency	0	0	0	0	1	0	1
	Worms	13	13	5	6	6	14	57
	Others	61	47	13	16	67	127	331
	Total	**160**	**132**	**43**	**47**	**114**	**196**	**692**

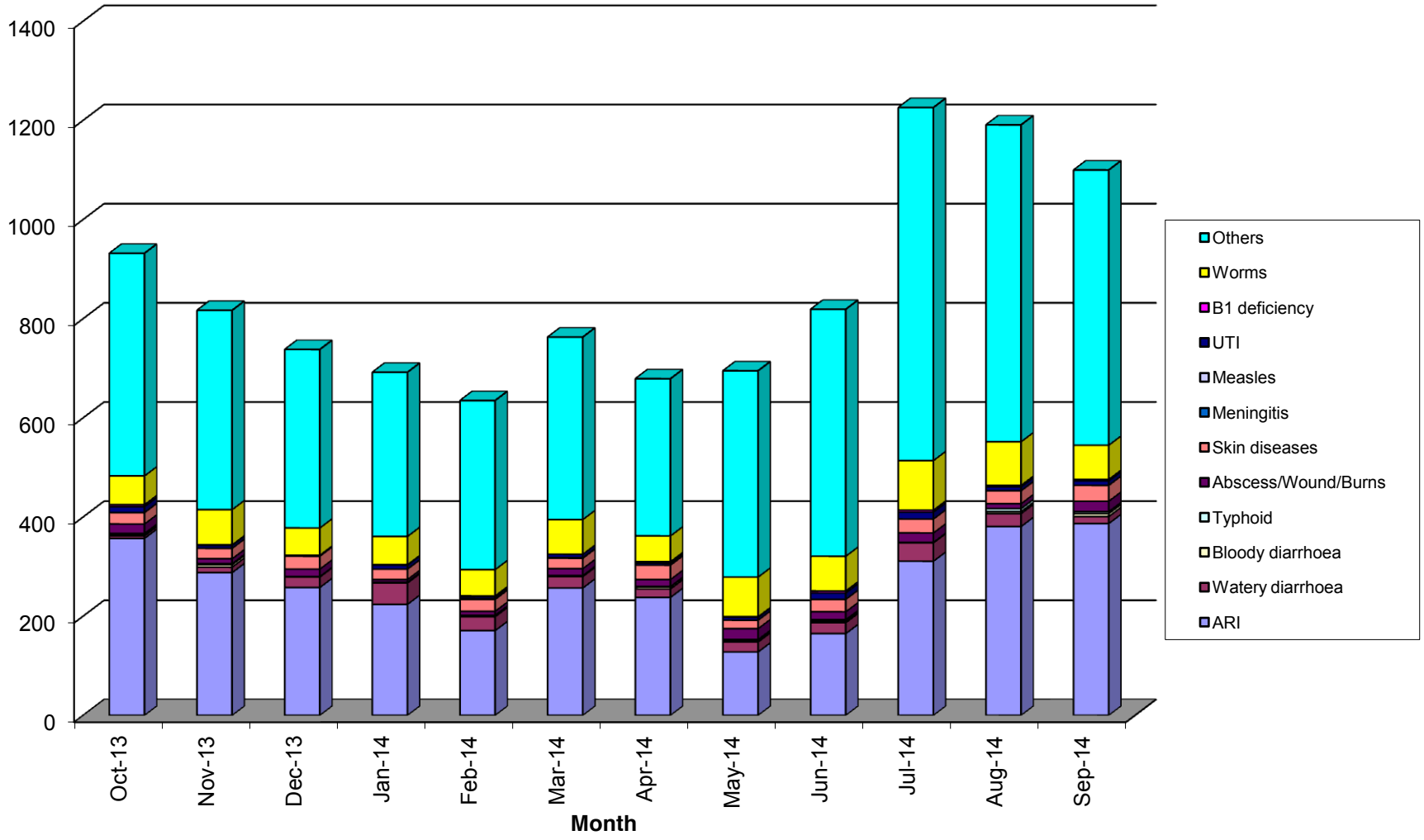
No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Feb-14	Lower respiratory tract infection	0	0	0	0	0	0	0
	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Mar-14	Lower respiratory tract infection	18	19	3	4	1	5	50
	Upper respiratory tract infection	70	56	15	25	20	21	207
	Watery diarrhoea	12	6	3	2	0	0	23
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	1	1	0	0	2
	Abscess/Wound/Burns	3	3	1	1	3	3	14
	Skin diseases	7	7	1	1	2	3	21
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	1	0	1
	UTI	1	0	1	0	0	5	7
	B1 deficiency	0	0	0	0	0	0	0
	Worms	14	16	9	15	4	12	70
	Others	70	57	19	27	67	128	368
	Total	**195**	**164**	**53**	**76**	**98**	**177**	**763**
Apr-14	Lower respiratory tract infection	12	3	1	0	3	8	27
	Upper respiratory tract infection	30	128	4	21	10	18	211
	Watery diarrhoea	7	6	3	0	1	0	17
	Bloody diarrhoea	2	2	0	0	0	0	4
	Typhoid	0	0	0	0	0	1	1
	Abscess/Wound/Burns	4	0	1	1	4	4	14
	Skin diseases	5	6	2	3	8	5	29
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	1	1	2	4
	B1 deficiency	0	0	0	0	0	3	3
	Worms	11	7	8	7	6	13	52
	Others	49	54	14	22	47	131	317
	Total	**120**	**206**	**33**	**55**	**80**	**185**	**679**
May-14	Lower respiratory tract infection	6	7	0	5	1	5	24
	Upper respiratory tract infection	28	38	10	11	8	9	104
	Watery diarrhoea	8	9	1	1	1	0	20
	Bloody diarrhoea	1	1	1	0	0	0	3
	Typhoid	0	0	0	0	0	2	2
	Abscess/Wound/Burns	5	3	3	1	6	4	22
	Skin diseases	4	2	0	2	5	4	17
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	1	3	2	6
	B1 deficiency	0	0	0	0	0	1	1
	Worms	18	10	13	11	7	21	80
	Others	68	63	22	35	70	158	416
	Total	**138**	**133**	**50**	**67**	**101**	**206**	**695**

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Jun-14	Lower respiratory tract infection	5	9	5	2	1	3	25
	Upper respiratory tract infection	32	33	12	22	22	19	140
	Watery diarrhoea	10	9	1	0	0	2	22
	Bloody diarrhoea	0	1	1	1	0	0	3
	Typhoid	2	0	0	0	1	0	3
	Abscess/Wound/Burns	2	4	1	2	5	2	16
	Skin diseases	8	1	6	1	2	7	25
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	1	1	1	2	2	6	13
	B1 deficiency	0	0	0	0	3	1	4
	Worms	13	9	20	13	9	6	70
	Others	71	66	43	25	106	187	498
	Total	**144**	**133**	**90**	**68**	**151**	**233**	**819**
Jul-14	Lower respiratory tract infection	15	5	5	1	1	6	33
	Upper respiratory tract infection	65	55	37	46	34	41	278
	Watery diarrhoea	14	12	2	0	3	6	37
	Bloody diarrhoea	0	0	0	1	0	0	1
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	5	1	3	2	3	5	19
	Skin diseases	4	9	6	4	4	1	28
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	1	0	0	1	1	11	14
	B1 deficiency	0	0	0	0	1	3	4
	Worms	19	20	21	22	5	13	100
	Others	104	85	59	65	161	238	712
	Total	**227**	**187**	**133**	**142**	**213**	**324**	**1226**
Aug-14	Lower respiratory tract infection	14	11	0	4	2	1	32
	Upper respiratory tract infection	54	60	66	58	52	59	349
	Watery diarrhoea	7	9	1	2	2	5	26
	Bloody diarrhoea	1	1	0	0	1	1	4
	Typhoid	1	1	1	0	2	1	6
	Abscess/Wound/Burns	1	0	4	1	3	1	10
	Skin diseases	5	5	2	1	6	7	26
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	1	1	1	5	8
	B1 deficiency	1	0	0	0	1	1	3
	Worms	10	12	13	13	18	22	88
	Others	62	69	74	63	166	205	639
	Total	**156**	**168**	**162**	**143**	**254**	**308**	**1191**
Sep-14	Lower respiratory tract infection	48	43	5	5	4	6	111
	Upper respiratory tract infection	55	79	39	34	36	33	276
	Watery diarrhoea	6	0	2	1	0	5	14
	Bloody diarrhoea	1	2	1	1	1	0	6
	Typhoid	1	0	0	1	2	0	4
	Abscess/Wound/Burns	5	4	2	1	8	1	21
	Skin diseases	6	11	2	2	3	8	32
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	1	1	0	1	1	5	9
	B1 deficiency	0	0	0	0	2	1	3
	Worms	9	14	10	14	6	16	69
	Others	73	60	54	44	120	204	555
	Total	**205**	**214**	**115**	**104**	**183**	**279**	**1100**

Wang Pa Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month		Age						
		<5y		5-15y		>15y		Total
		Male	Female	Male	Female	Male	Female	
Oct-13	Lower respiratory tract infection	9	15	2	3	7	4	40
	Upper respiratory tract infection	12	22	13	11	6	6	70
	Watery diarrhoea	1	1	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	4	1	3	0	3	0	11
	Skin diseases	1	0	0	0	0	0	1
	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	4	0	4
	Worms	2	1	3	0	2	3	11
	Others	6	8	13	3	35	19	84
	Total	**35**	**48**	**34**	**17**	**57**	**35**	**226**
Nov-13	Lower respiratory tract infection	9	9	1	2	6	6	33
	Upper respiratory tract infection	11	17	5	6	13	18	70
	Watery diarrhoea	0	1	0	0	1	0	2
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	3	0	3
	Abscess/Wound/Burns	2	2	3	0	5	0	12
	Skin diseases	0	2	1	1	2	1	7
	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	1	1	1	0	1	2	6
	Others	6	5	5	2	20	22	60
	Total	**29**	**37**	**16**	**11**	**51**	**49**	**193**
Dec-13	Lower respiratory tract infection	0	2	1	1	4	2	10
	Upper respiratory tract infection	8	10	6	2	10	6	42
	Watery diarrhoea	0	1	0	0	0	1	2
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	1	1
	Abscess/Wound/Burns	1	0	3	0	3	1	8
	Skin diseases	1	0	0	0	0	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	1	0	1	2	4
	Worms	0	0	1	0	0	1	2
	Others	3	4	6	1	12	14	40
	Total	**13**	**17**	**18**	**4**	**30**	**30**	**112**
Jan-14	Lower respiratory tract infection	2	3	1	1	5	2	14
	Upper respiratory tract infection	6	5	4	4	8	10	37
	Watery diarrhoea	1	2	0	0	0	2	5
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	2	1	0	0	2	1	6
	Skin diseases	2	2	0	1	1	2	8
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	0	1	1	2
	B1 deficiency	0	0	0	0	1	0	1
	Worms	2	0	0	0	1	4	7
	Others	4	1	3	2	15	21	46
	Total	**19**	**14**	**8**	**8**	**34**	**43**	**126**

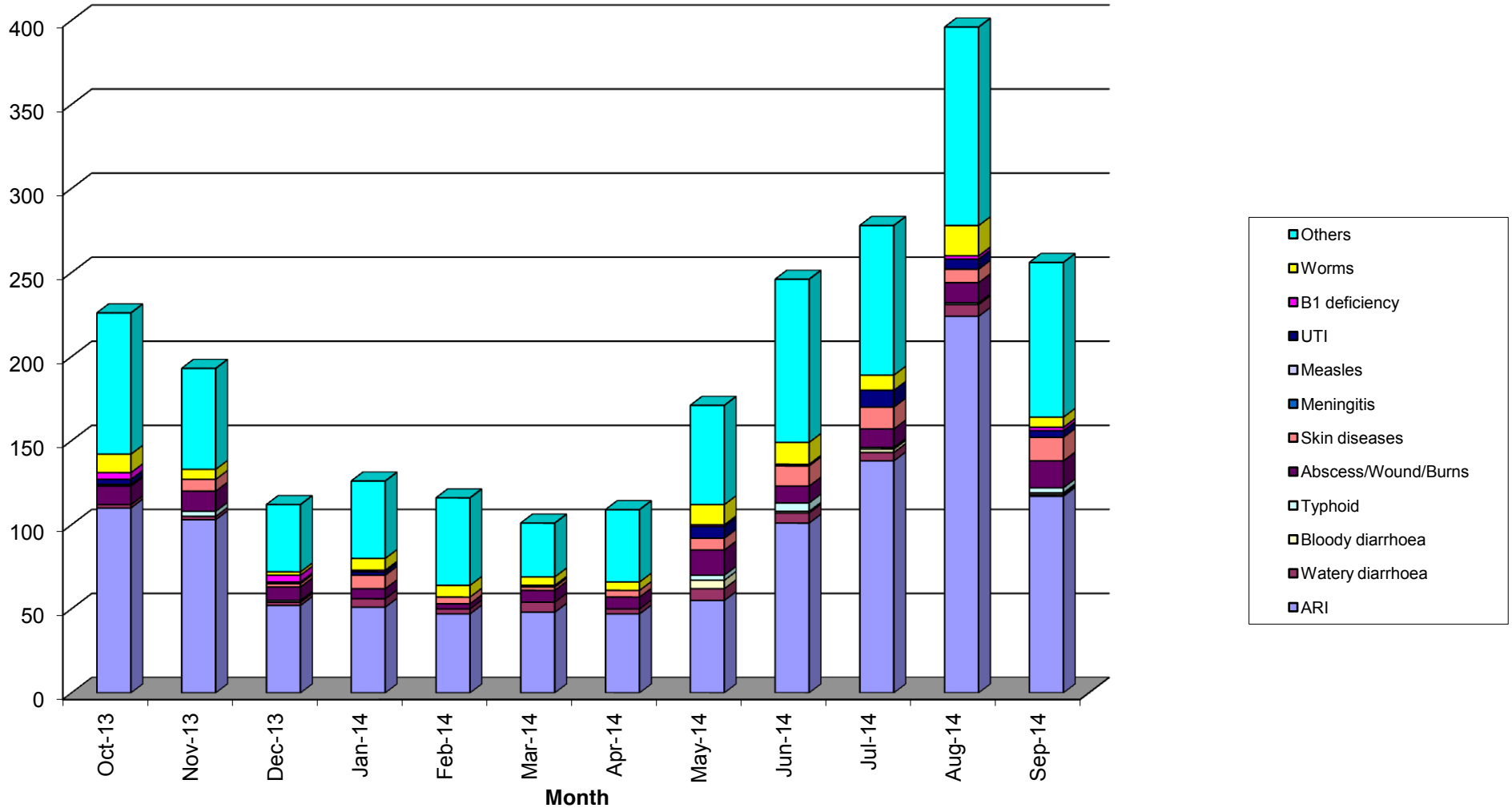
No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Feb-14	Lower respiratory tract infection	3	3	1	0	2	3	12
	Upper respiratory tract infection	6	5	6	8	6	4	35
	Watery diarrhoea	1	1	1	0	0	0	3
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	0	0	1	0	2	0	3
	Skin diseases	1	1	1	0	0	1	4
	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	4	1	2	0	0	7
	Others	3	4	5	6	18	16	52
	Total	**14**	**18**	**16**	**16**	**28**	**24**	**116**
Mar-14	Lower respiratory tract infection	6	2	0	1	3	1	13
	Upper respiratory tract infection	8	10	7	3	4	3	35
	Watery diarrhoea	0	4	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	2	0	2	2	7
	Skin diseases	0	0	1	0	0	1	2
	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	1	1
	Worms	0	0	0	1	2	2	5
	Others	1	4	4	0	12	11	32
	Total	**15**	**21**	**14**	**5**	**24**	**22**	**101**
Apr-14	Lower respiratory tract infection	3	1	0	2	3	2	11
	Upper respiratory tract infection	6	7	7	5	5	6	36
	Watery diarrhoea	1	1	1	0	0	0	3
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	0	0
	Abscess/Wound/Burns	0	1	0	1	4	1	7
	Skin diseases	0	2	0	0	2	0	4
	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	2	0	1	2	5
	Others	4	3	3	4	12	17	43
	Total	**14**	**15**	**13**	**12**	**27**	**28**	**109**
May-14	Lower respiratory tract infection	2	3	0	1	2	4	12
	Upper respiratory tract infection	10	6	2	8	10	7	43
	Watery diarrhoea	2	4	0	1	0	0	7
	Bloody diarrhoea	1	1	1	0	2	0	5
	Typhoid	0	1	0	1	1	0	3
	Abscess/Wound/Burns	3	2	3	4	2	1	15
	Skin diseases	1	1	2	0	2	1	7
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	0	4	3	7
	B1 deficiency	0	0	0	0	1	0	1
	Worms	0	1	2	2	4	3	12
	Others	1	1	4	4	20	29	59
	Total	**20**	**20**	**14**	**21**	**48**	**48**	**171**

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Jun-14	Lower respiratory tract infection	6	2	0	1	9	3	21
	Upper respiratory tract infection	15	16	17	10	13	9	80
	Watery diarrhoea	2	2	1	1	0	0	6
	Bloody diarrhoea	1	0	0	0	0	0	1
	Typhoid	1	2	1	0	0	1	5
	Abscess/Wound/Burns	2	1	2	1	4	0	10
	Skin diseases	1	5	0	0	1	5	12
	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	0	3	3	3	1	3	13
	Others	5	5	7	9	34	37	97
	Total	**33**	**36**	**31**	**25**	**62**	**59**	**246**
Jul-14	Lower respiratory tract infection	9	7	2	2	7	1	28
	Upper respiratory tract infection	10	17	19	27	16	21	110
	Watery diarrhoea	3	2	0	0	0	0	5
	Bloody diarrhoea	0	1	0	0	1	0	2
	Typhoid	0	0	0	1	0	0	1
	Abscess/Wound/Burns	3	1	1	1	3	2	11
	Skin diseases	2	0	3	4	1	3	13
	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	1	0	2	3	1	2	9
	Others	3	8	9	4	28	37	89
	Total	**31**	**36**	**36**	**42**	**57**	**76**	**278**
Aug-14	Lower respiratory tract infection	13	22	4	2	18	13	72
	Upper respiratory tract infection	17	14	33	31	40	17	152
	Watery diarrhoea	2	3	1	1	0	0	7
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	1	0	0	0	0	0	1
	Abscess/Wound/Burns	1	3	0	1	7	0	12
	Skin diseases	1	0	1	2	1	3	8
	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	0	2	2
	Worms	1	0	7	2	3	5	18
	Others	10	6	15	5	24	58	118
	Total	**46**	**48**	**61**	**44**	**93**	**104**	**396**
Sep-14	Lower respiratory tract infection	5	13	3	1	3	8	33
	Upper respiratory tract infection	7	21	17	13	21	5	84
	Watery diarrhoea	0	1	0	0	0	0	1
	Bloody diarrhoea	1	0	0	0	0	0	1
	Typhoid	0	1	1	1	0	0	3
	Abscess/Wound/Burns	0	0	3	0	8	5	16
	Skin diseases	3	2	1	3	1	4	14
	Meningitis	0	0	0	0	0	0	0
	Measles	0	0	0	0	0	0	0
	UTI	0	0	0	0	2	2	4
	B1 deficiency	0	0	1	0	0	1	2
	Worms	0	0	1	0	4	1	6
	Others	5	3	6	3	28	47	92
	Total	**21**	**41**	**33**	**21**	**67**	**73**	**256**

Mae Kon Khen Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month		Age						Total
		<5y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Oct-13	Lower respiratory tract infection	4	3	2	2	1	0	12
	Upper respiratory tract infection	6	5	2	5	4	2	24
	Watery diarrhoea	0	0	0	0	0	0	0
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	1	0	1	0	1	0	3
	Abscess/Wound/Burns	0	0	0	0	1	1	2
	Skin diseases	1	2	0	1	0	0	4
	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	0	0	0	0	0
	Worms	3	5	2	2	0	1	13
	Others	6	2	6	10	14	35	73
	Total	**21**	**17**	**13**	**20**	**22**	**39**	**132**
Nov-13	Lower respiratory tract infection	1	0	1	1	0	2	5
	Upper respiratory tract infection	6	14	6	2	5	5	38
	Watery diarrhoea	0	0	0	0	0	0	0
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	1	0	3	0	3	0	7
	Abscess/Wound/Burns	2	0	1	0	0	0	3
	Skin diseases	2	0	0	0	0	0	2
	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	0	3	2	2	3	12
	Others	6	4	2	4	17	19	52
	Total	**20**	**18**	**16**	**9**	**27**	**29**	**119**
Dec-13	Lower respiratory tract infection	2	5	0	1	1	3	12
	Upper respiratory tract infection	3	5	1	2	2	4	17
	Watery diarrhoea	0	0	0	0	0	0	0
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	0	1	1
	Abscess/Wound/Burns	0	1	0	1	0	0	2
	Skin diseases	0	0	0	1	1	0	2
	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	2	0	1	0	0	3
	Others	4	4	2	7	9	23	49
	Total	**9**	**17**	**3**	**13**	**13**	**31**	**86**
Jan-14	Lower respiratory tract infection	7	5	1	2	3	5	23
	Upper respiratory tract infection	8	14	8	10	6	10	56
	Watery diarrhoea	3	2	0	1	0	0	6
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	1	0	1	2
	Abscess/Wound/Burns	0	0	0	0	4	1	5
	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	2	2
	B1 deficiency	0	0	0	0	0	0	0
	Worms	4	1	1	3	1	1	11
	Others	6	2	3	7	15	26	59
	Total	**28**	**24**	**13**	**24**	**29**	**46**	**164**

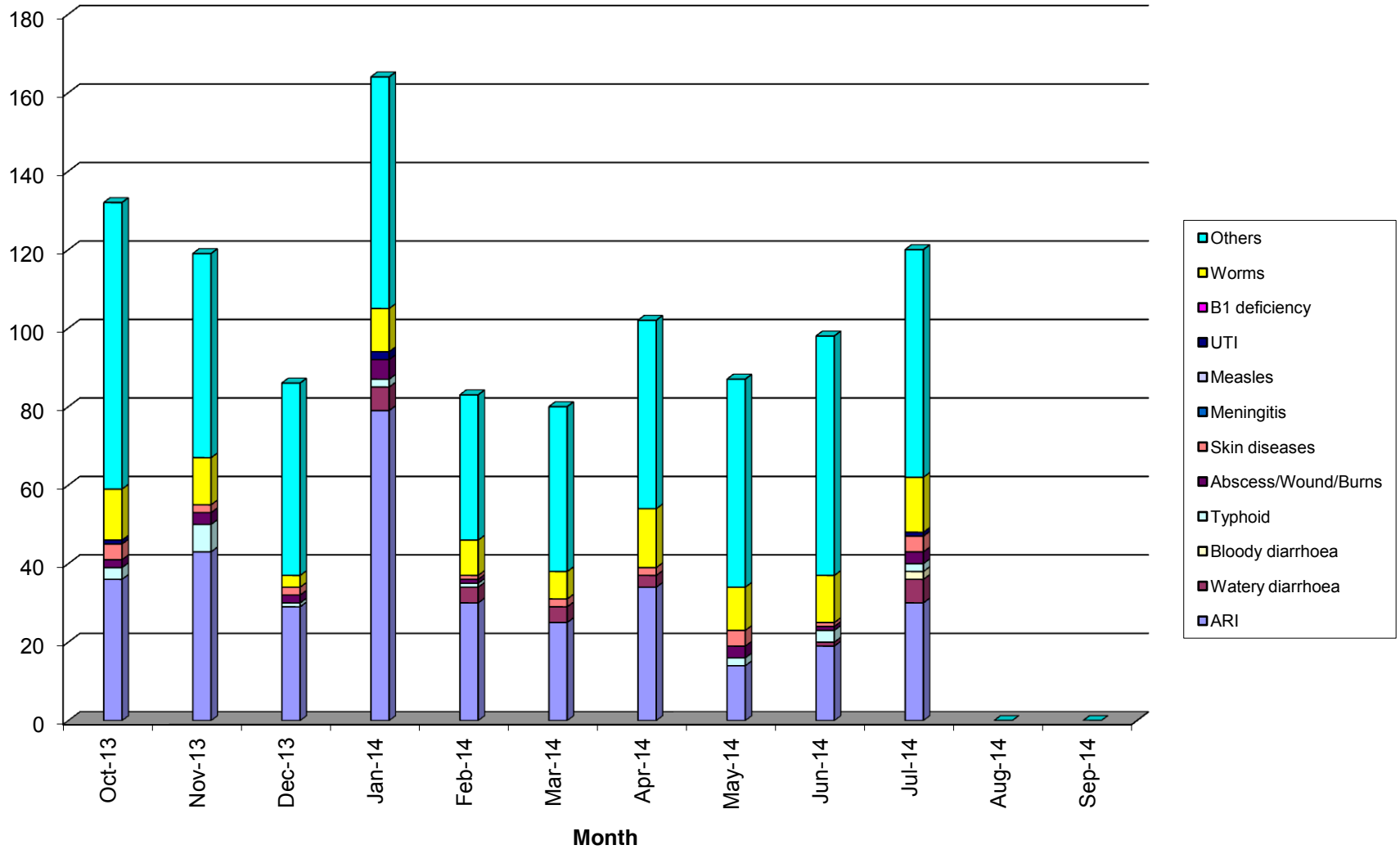
No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Feb-14	Lower respiratory tract infection	3	2	0	0	3	1	9
	Upper respiratory tract infection	8	5	2	2	1	3	21
	Watery diarrhoea	1	2	0	0	1	0	4
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	0	0	0	0	1	0	1
	Abscess/Wound/Burns	0	0	0	0	1	0	1
	Skin diseases	0	0	1	0	0	0	1
	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	3	3	0	0	2	1	9
	Others	2	2	2	2	12	17	37
	Total	**17**	**14**	**5**	**4**	**21**	**22**	**83**
Mar-14	Lower respiratory tract infection	2	5	3	0	0	0	10
	Upper respiratory tract infection	6	2	3	1	2	1	15
	Watery diarrhoea	3	0	0	0	1	0	4
	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	1	0	1	2
	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	1	0	3	0	1	2	7
	Others	3	4	5	4	13	13	42
	Total	**15**	**11**	**14**	**6**	**17**	**17**	**80**
Apr-14	Lower respiratory tract infection	8	2	3	0	1	1	15
	Upper respiratory tract infection	3	5	3	7	1	0	19
	Watery diarrhoea	2	0	0	0	1	0	3
	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	1	0	1	0	0	2
	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	4	3	2	3	1	2	15
	Others	6	6	3	13	3	17	48
	Total	**23**	**17**	**11**	**24**	**7**	**20**	**102**
May-14	Lower respiratory tract infection	4	3	0	0	0	0	7
	Upper respiratory tract infection	2	2	2	0	0	1	7
	Watery diarrhoea	0	0	0	0	0	0	0
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	1	0	0	1	0	0	2
	Abscess/Wound/Burns	1	0	1	1	0	0	3
	Skin diseases	0	2	1	0	0	1	4
	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	3	3	3	1	0	1	11
	Others	5	6	5	5	13	19	53
	Total	**16**	**16**	**12**	**8**	**13**	**22**	**87**

No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

Month	Diagnosis	Age						Total
		0-4y		5-15y		>15y		
		Male	Female	Male	Female	Male	Female	
Jun-14	Lower respiratory tract infection	1	2	0	1	1	0	5
	Upper respiratory tract infection	2	3	2	3	2	2	14
	Watery diarrhoea	0	1	0	0	0	0	1
	Bloody diarrhoea	0	0	0	0	0	0	0
	Typhoid	1	2	0	0	0	0	3
	Abscess/Wound/Burns	0	0	0	0	0	1	1
	Skin diseases	0	0	0	0	0	1	1
	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	4	2	0	1	12
	Others	2	6	10	8	13	22	61
	Total	**8**	**17**	**16**	**14**	**16**	**27**	**98**
Jul-14	Lower respiratory tract infection	3	2	2	1	2	0	10
	Upper respiratory tract infection	6	2	6	1	3	2	20
	Watery diarrhoea	1	1	2	1	0	1	6
	Bloody diarrhoea	0	1	1	0	0	0	2
	Typhoid	0	1	0	0	1	0	2
	Abscess/Wound/Burns	0	0	0	1	1	1	3
	Skin diseases	0	1	2	0	0	1	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	0	0
	Worms	3	3	5	0	1	2	14
	Others	6	3	10	3	11	25	58
	Total	**19**	**14**	**28**	**7**	**19**	**33**	**120**
Aug-14	Lower respiratory tract infection	0	0	0	0	0	0	0
	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Sep-14	Lower respiratory tract infection	0	0	0	0	0	0	0
	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Thay Ka Ya Non Malaria Chart



No. Malaria total Summary report: SMRU Migrant: Oct-2013-September-2014

October 2013 - September 2014
Total number of SCBU admissions **359**

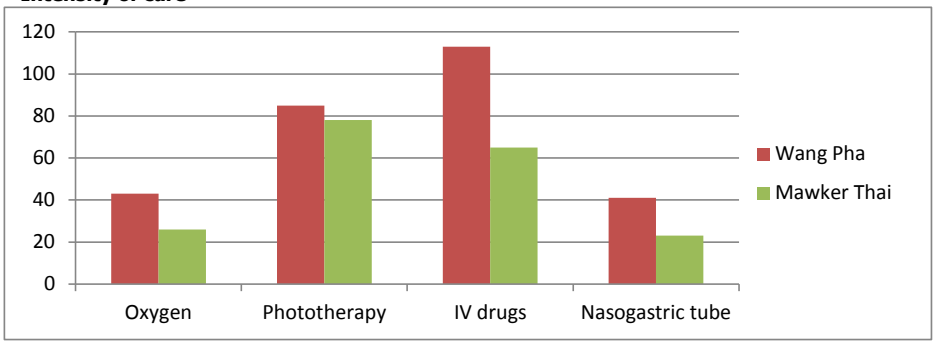
Oct-13 to Sep-14

	Wang Pha	Mawker Thai
Number of admissions	213	146
Median gestation (weeks)	39.05	38.5
Range gestation (weeks)	26.3-41.4	29.5-41
Median birth weight (kg)	2.87	2.78
Range birth weight (kg)	1.07-4.05	0.96-3.75

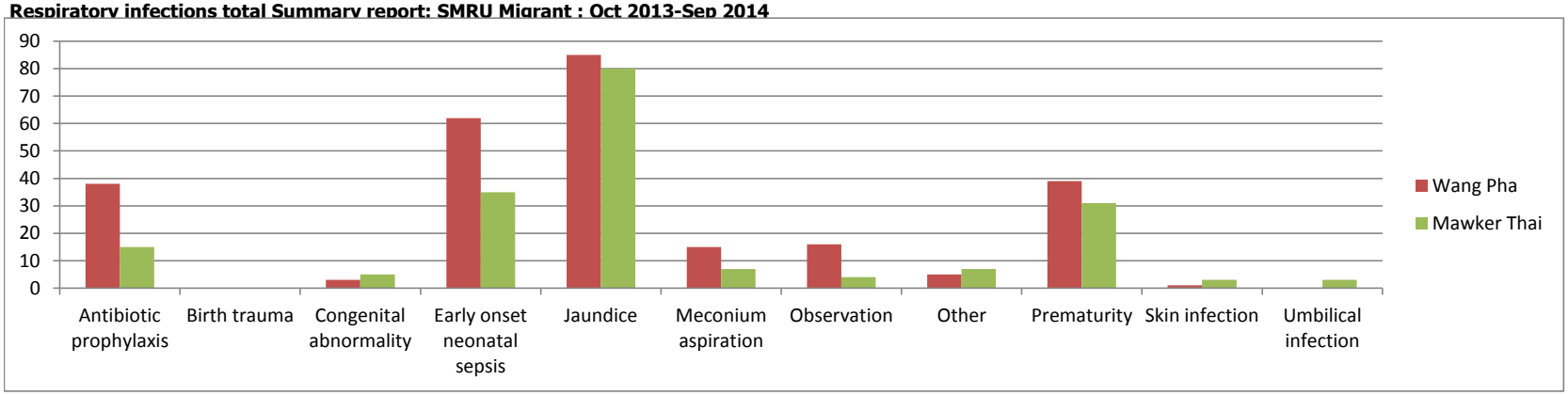
Neonatal Deaths in SCBU

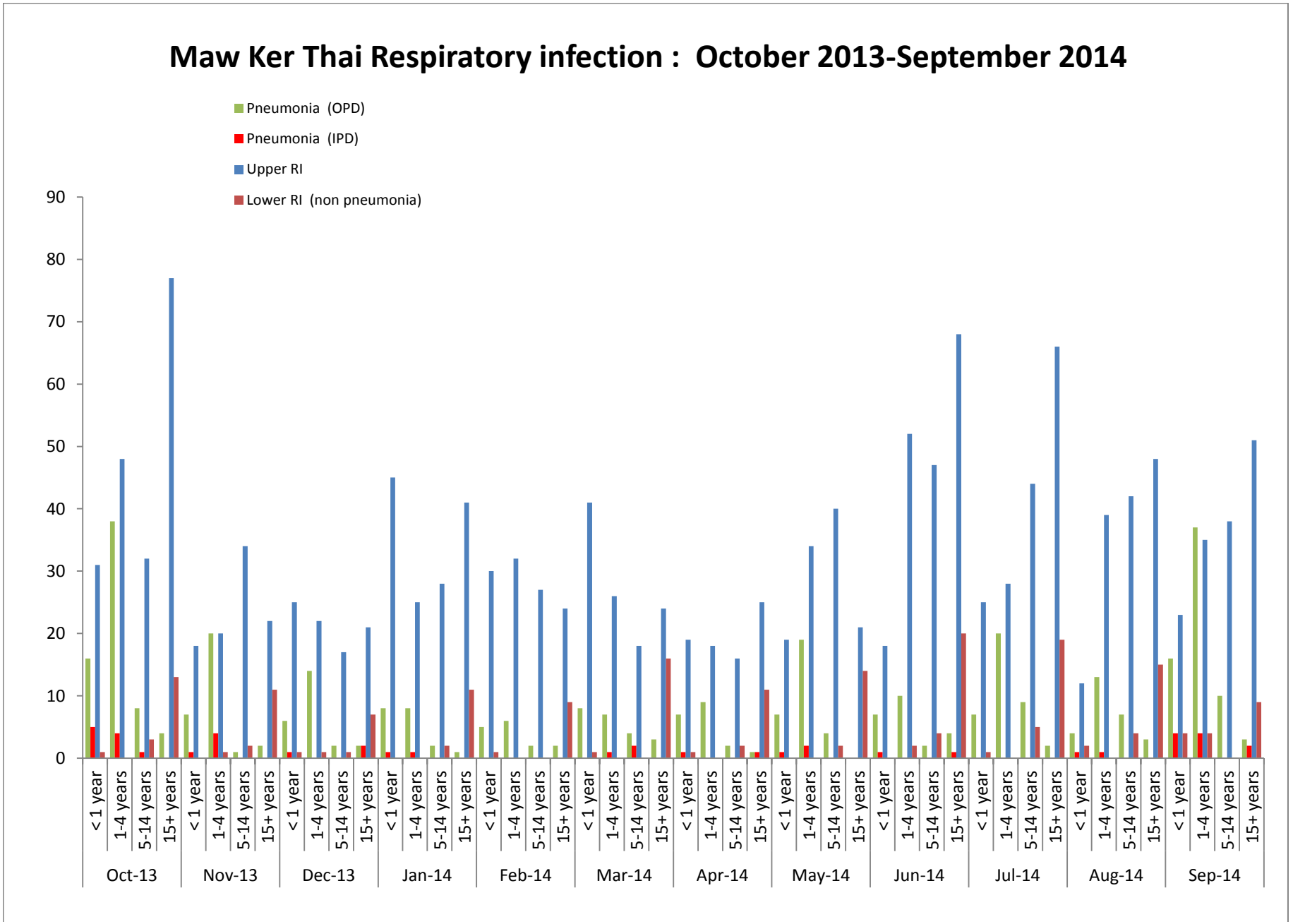
	Wang Pha	Mawker Thai
< 28 weeks	3	1
28.0 - 36.7 weeks	4	3
> 37 weeks	3	3

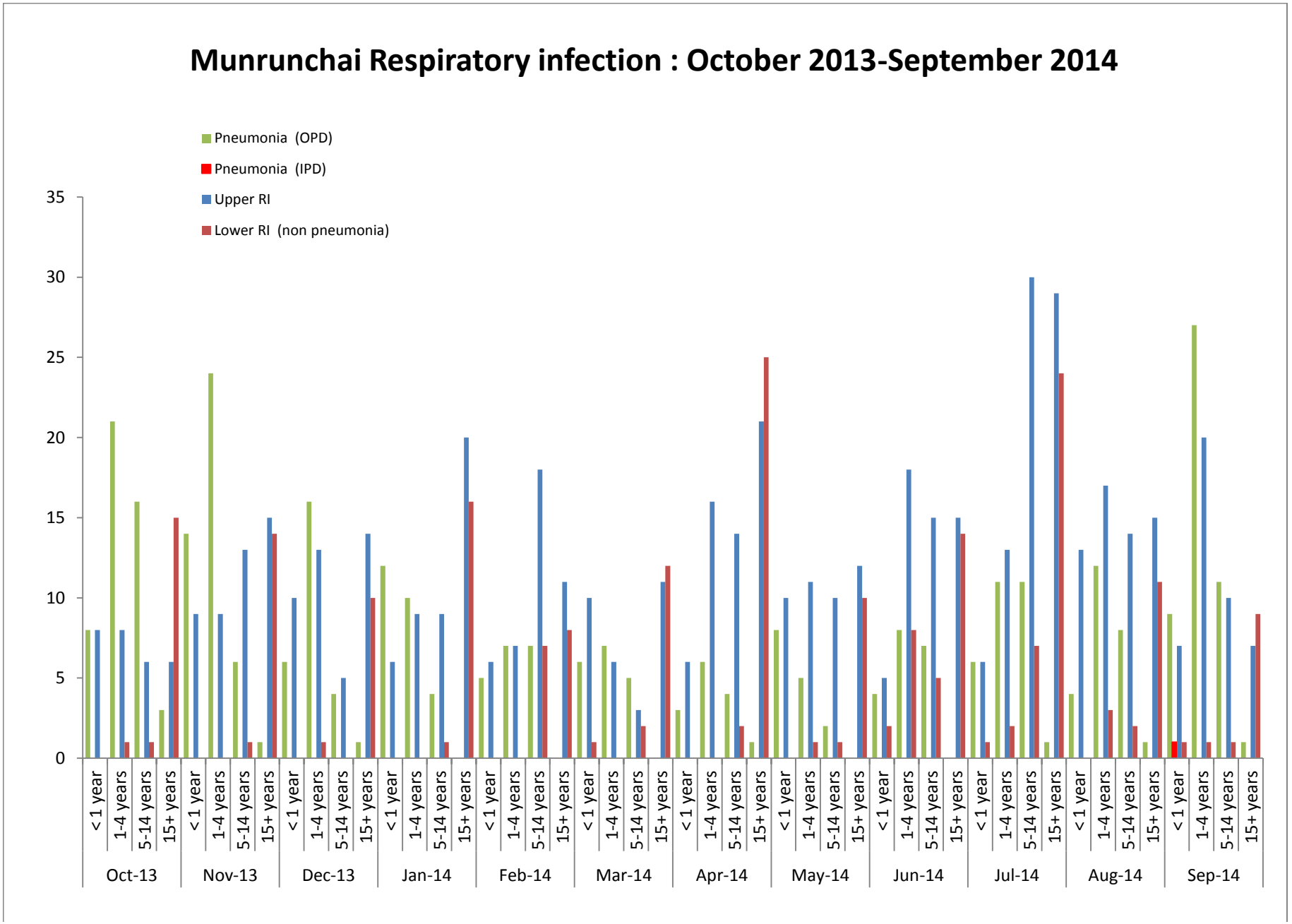
Intensity of care

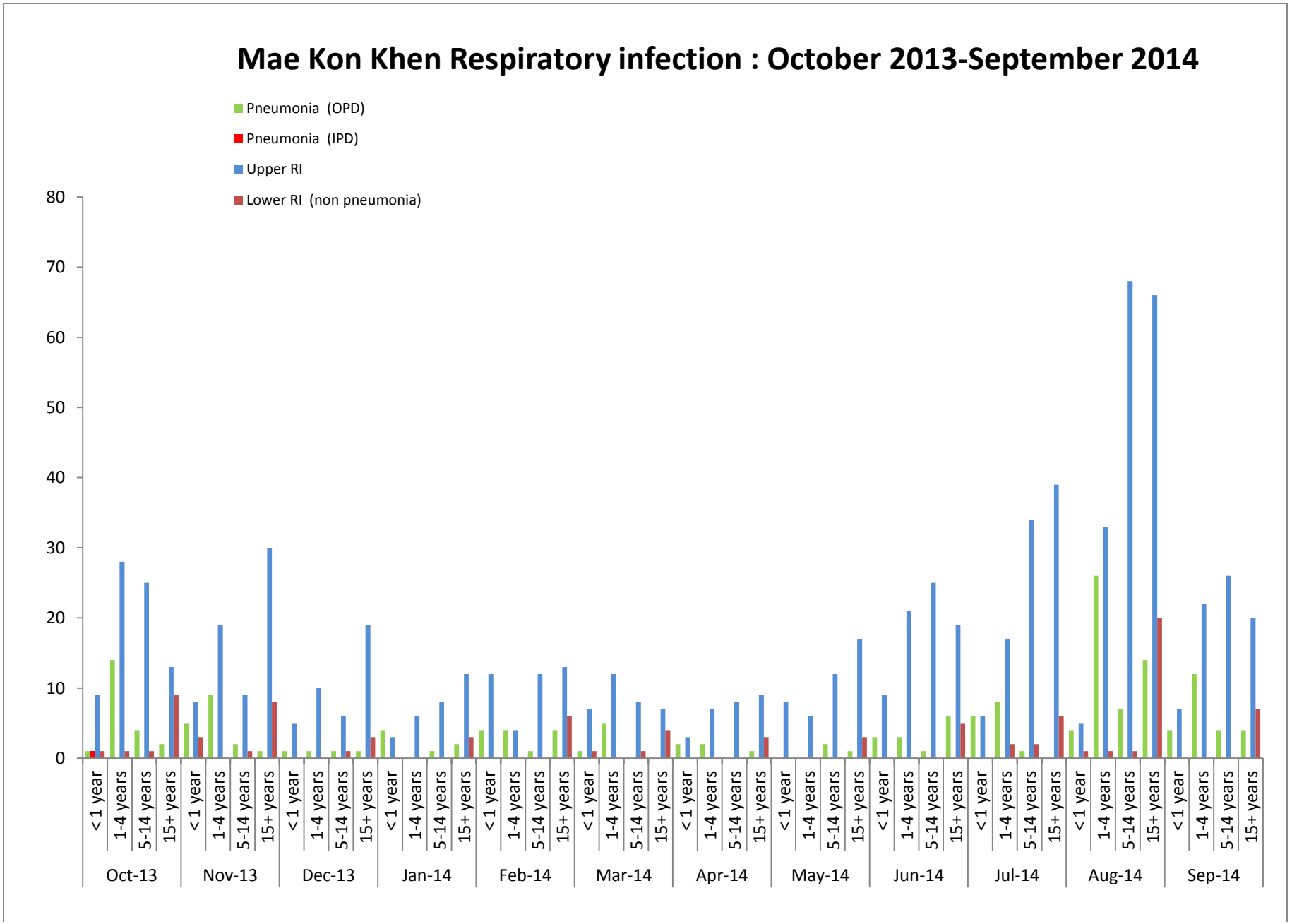


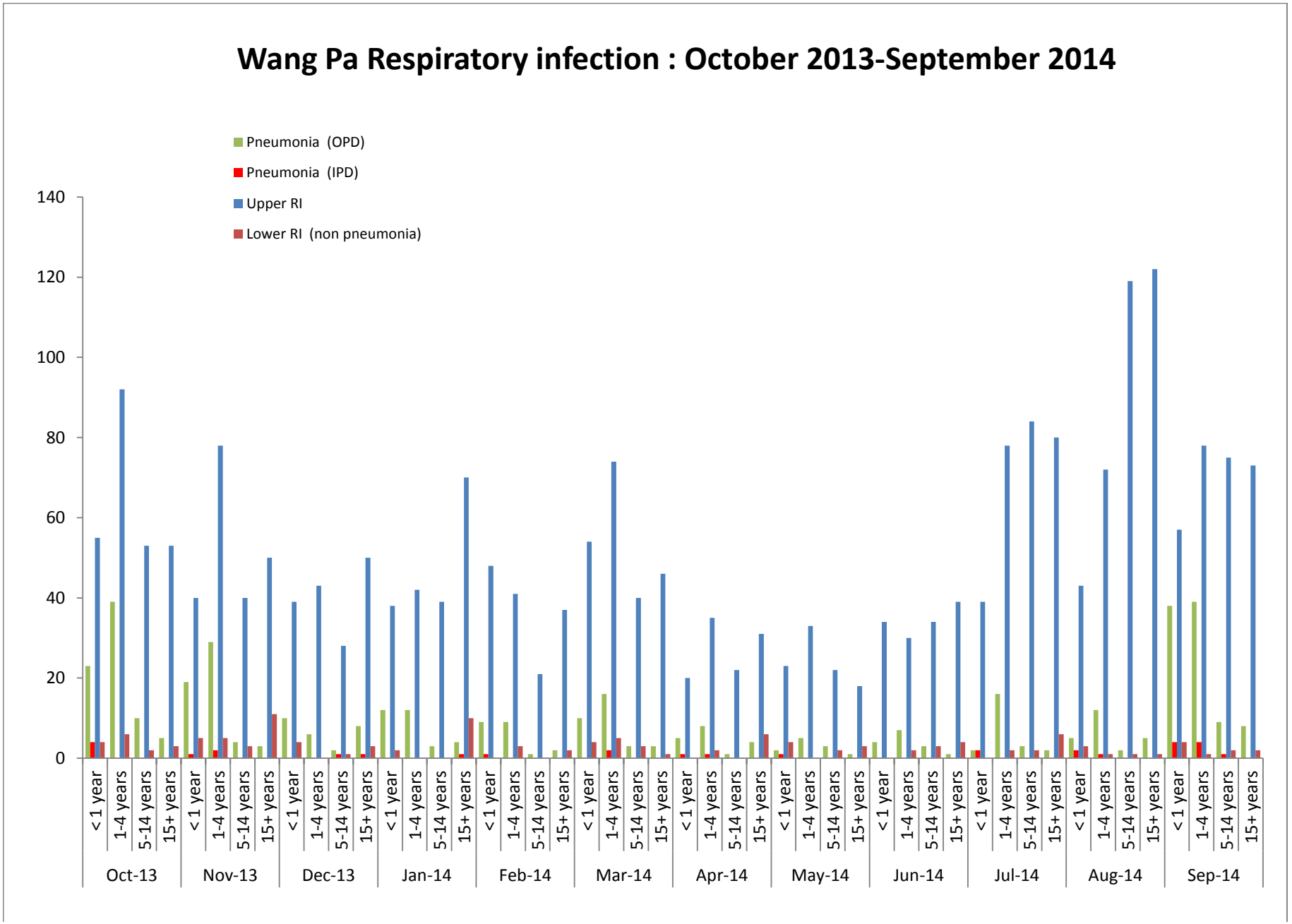
Respiratory infections total Summary report: SMRU Migrant : Oct 2013-Sep 2014

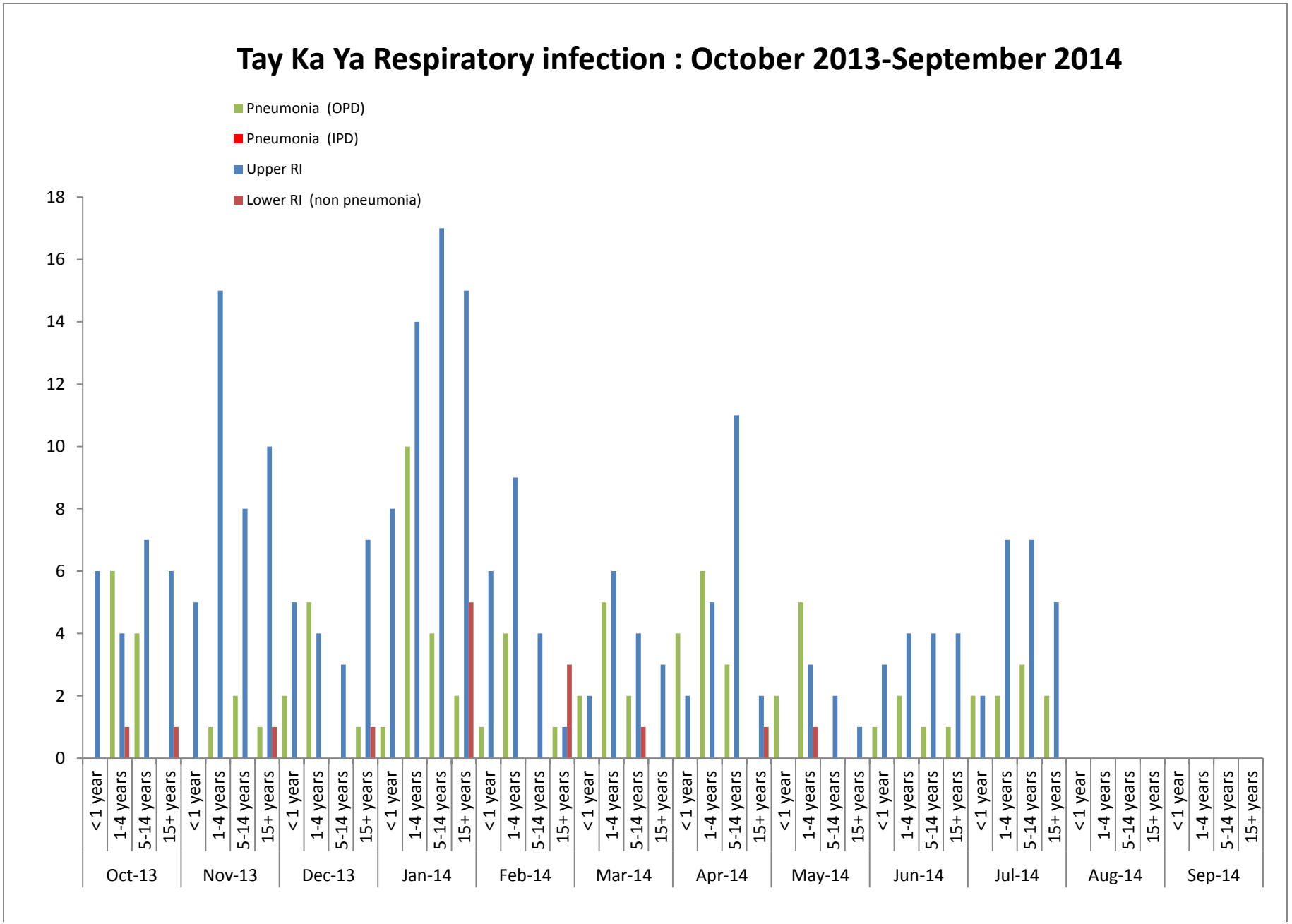



Maw Ker Thai Respiratory infection : October 2013-September 2014
Pneumonia (OPD)
Pneumonia (IPD)
Upper RI
Lower RI (non pneumonia)
90
80
70
60
50
40
30
20
10
0
< 1 year
1-4 years
5-14 years
15+ years
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14


Munrunchai Respiratory infection : October 2013-September 2014
Pneumonia (OPD)
Pneumonia (IPD)
Upper RI
Lower RI (non pneumonia)
35
30
25
20
15
10
5
0
< 1 year
1-4 years
5-14 years
15+ years
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14


Mae Kon Khen Respiratory infection : October 2013-September 2014
Pneumonia (OPD)
Pneumonia (IPD)
Upper RI
Lower RI (non pneumonia)
80
70
60
50
40
30
20
10
0
< 1 year
1-4 years
5-14 years
15+ years
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14


Wang Pa Respiratory infection : October 2013-September 2014
Pneumonia (OPD)
Pneumonia (IPD)
Upper RI
Lower RI (non pneumonia)
140
120
100
80
60
40
20
0
< 1 year
1-4 years
5-14 years
15+ years
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14


Tay Ka Ya Respiratory infection : October 2013-September 2014
Pneumonia (OPD)
Pneumonia (IPD)
Upper RI
Lower RI (non pneumonia)
18
16
14
12
10
8
6
4
2
0
< 1 year
1-4 years
5-14 years
15+ years
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14

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

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

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

Treatment KEY
Mas3=Mefloquine 25mg/kg + Artesunate 4mg/kg x 3D
Mas7=Mefloquine 25mg/kg + Artesunate 4mg/kg x 1D + Artesunate 2mg/kg x 6D
A7D7=Artesunate 2mg/kg x 7D Doxycycline 4mg/kg x 7D
A7= Artesunate 2mg/kg x 7D
COA=Artemether + Lumefantrine BID x 3D (dosage is weight dependent)
SQ7=Supervised Quinine 10 mg/kg/tid x 7D
Q7D7=Quinine 10mg/kg/tid x 7D+Doxycycline 4mg/kg
Q7C7=Quinine 10mg/kg/tid x 7D + Clindamycine 5mg/kg/tid x 7D
A7C7=Artesunate 2mg/kg x 7D + Quinine 10mg/kg/tid x 7D
CHQ3=Chloroquine 25 mg/kg x 3D
DP = Dihydroartemisinin 1.6mg/kg + Piperaquine12.8mg/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

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

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

ANC (Shoklo Malaria Research Unit)

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

Summarize Malaria Cases

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

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

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=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

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

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

Others

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

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

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

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=Fixecl artesunate and mefloquine combination 0D x 3D (dosage was weight dependent)
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AS/IV=Artesunate 2.4 mk/kg IV
CHQ+PMQ=Chloroquine 25 mg/kg over 3D+primaquine 0.5 mg/kg OD*14 D
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DUO=Duocotecxin 3 mg/kg x 2D
AMQ=Amodiaquine 10 mg/kg/day x 3D

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

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

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

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

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

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

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

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

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=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

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

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

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

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

Treatment KEY
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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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CHQ3=Chloroquine 25 mg/kg x 3D
DP = Dihydroartemisinin 1.6mg/kg + Piperaquine12.8mg/kg x 3D
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pft+other = pft mix with pmt or pot
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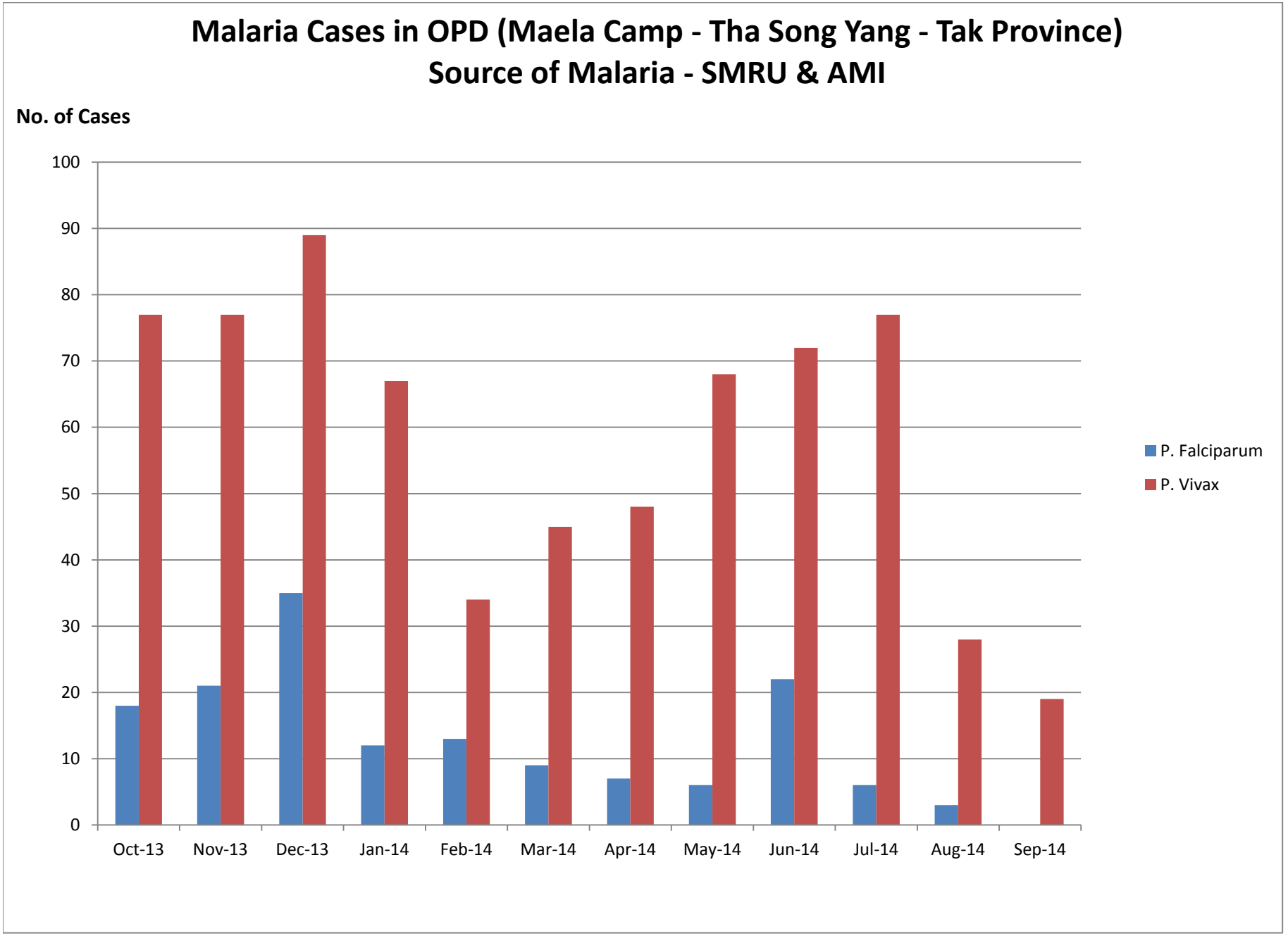
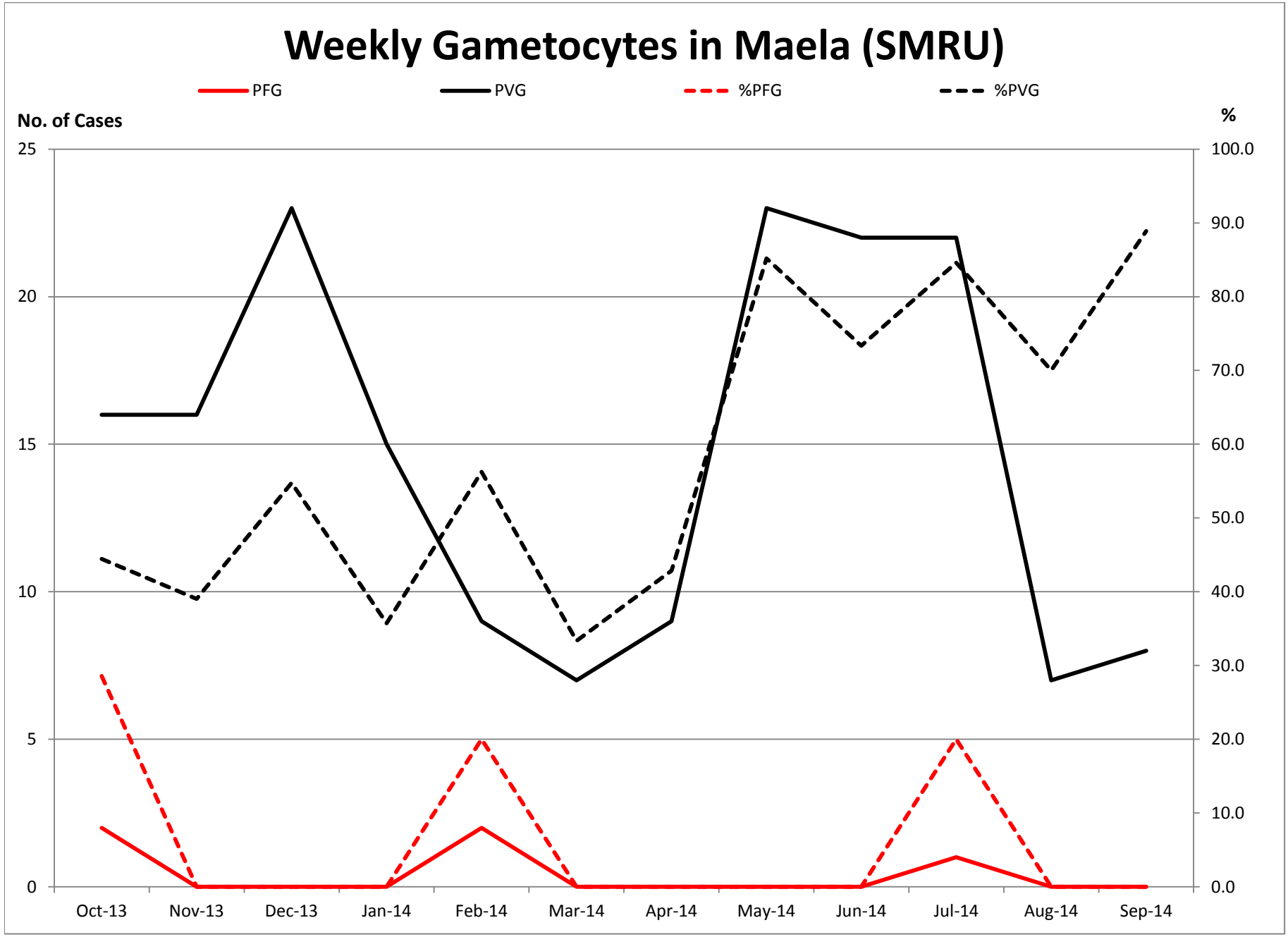
Laboratory
Clinic 1 & 4 (SMRU Maela)

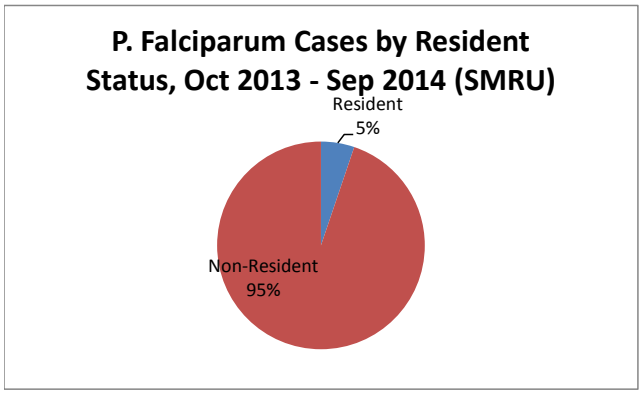
		New Positive (Malaria Species)																						Summary Malaria Cases by species									Other Lab Results								
Month	**Total slides**	**pft**	**pft+pvt**	**pft+other**	**pft+pfg**	**pft+pvg**	**pft+pvt+ pfg**	**pft+pvt + pvg**	**pft+pvt+ pfg+pvg**	**pft+pfg+ pvg**	**pfg**	**pvt**	**pvt+other**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

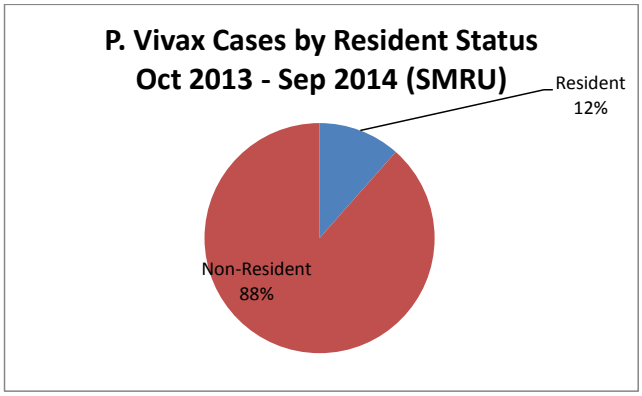
KEYS:
Pft: Plasmodium Falciarum Trophozoites
Pvt: Plasmodium Vivax Trophozoites
Pmt: Plasmodium Malariae Trophozoites
Pot: Plasmodium Ovale Trophozoites
Pfg: Plasmodium Falciarum Gametocytes
Pvg: Plasmodium Vivax Gametocytes
Pmg: Plasmodium Malariae Gametocytes
Pog: Plasmodium Ovale Gametocytes

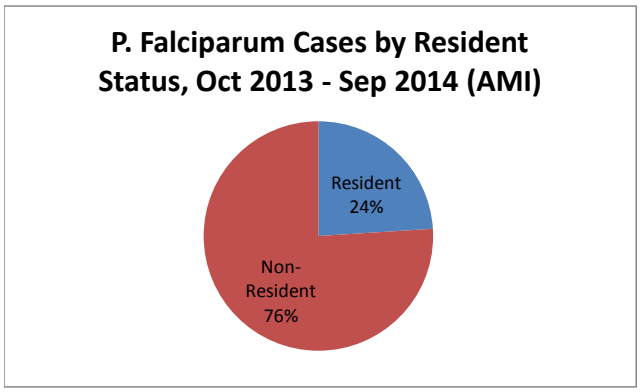
KEYS:
CBC: Cells blood count
Hct:Haematocrit

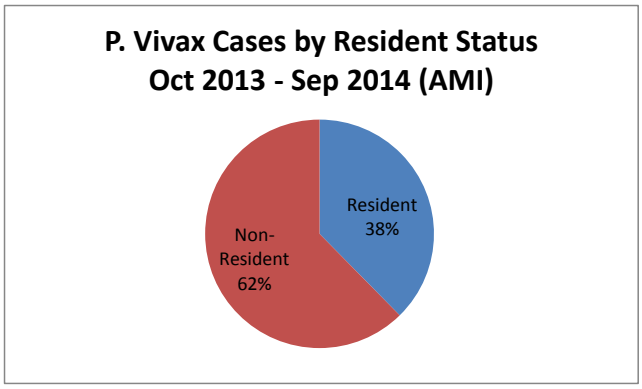

Malaria Cases in OPD (Maela Camp - Tha Song Yang - Tak Province)
Source of Malaria - SMRU & AMI
No. of Cases
100
90
80
70
60
50
40
30
20
10
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
P. Falciparum
P. Vivax

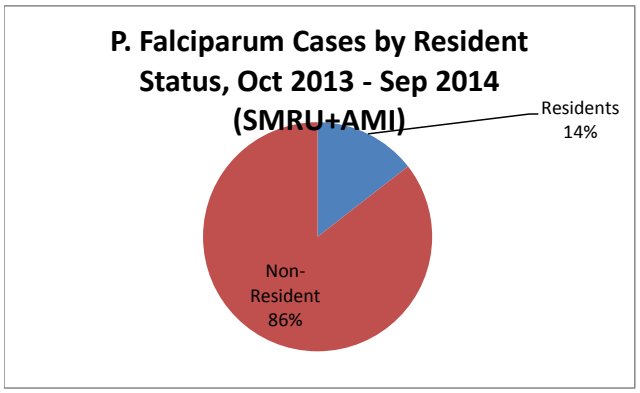

Weekly Gametocytes in Maela (SMRU)
PFG
PVG
%PFG
%PVG
No. of Cases
%
25
20
15
10
5
0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14

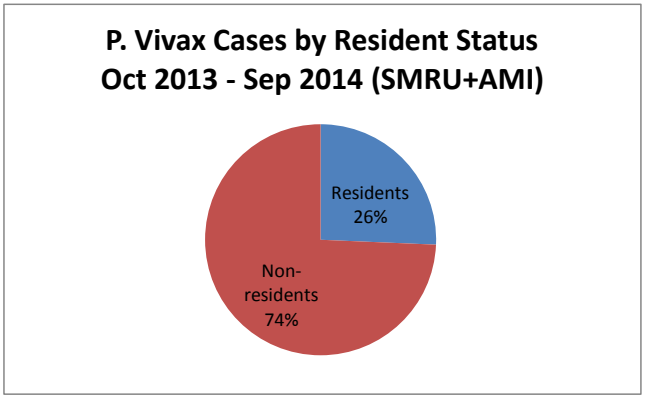

P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (SMRU)
Resident 5%
Non-Resident 95%


P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (SMRU)
Resident 12%
Non-Resident 88%


P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (AMI)
Resident 24%
Non-Resident 76%


P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (AMI)
Resident 38%
Non-Resident 62%


P. Falciparum Cases by Resident Status, Oct 2013 - Sep 2014 (SMRU+AMI)
Residents 14%
Non-Resident 86%


P. Vivax Cases by Resident Status Oct 2013 - Sep 2014 (SMRU+AMI)
Residents 26%
Non-residents 74%

SMRU Special Care Baby Unit Report
October 2013 - September 2014

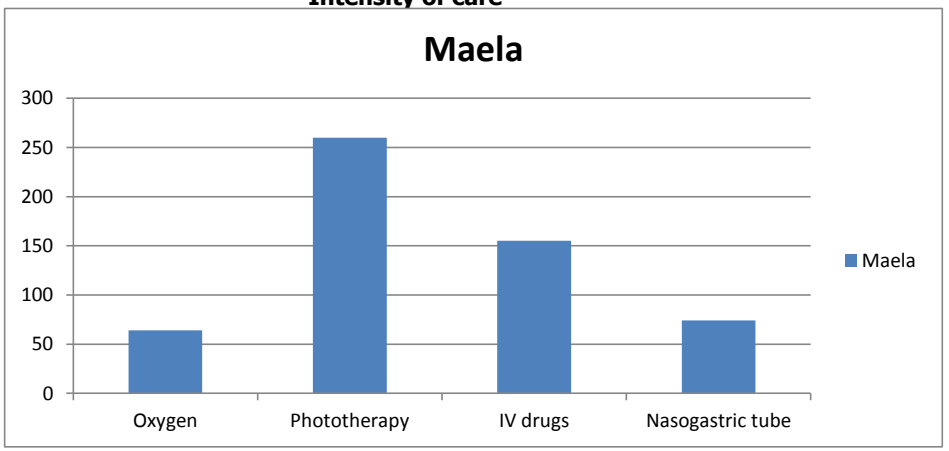
Baseline data **411**

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

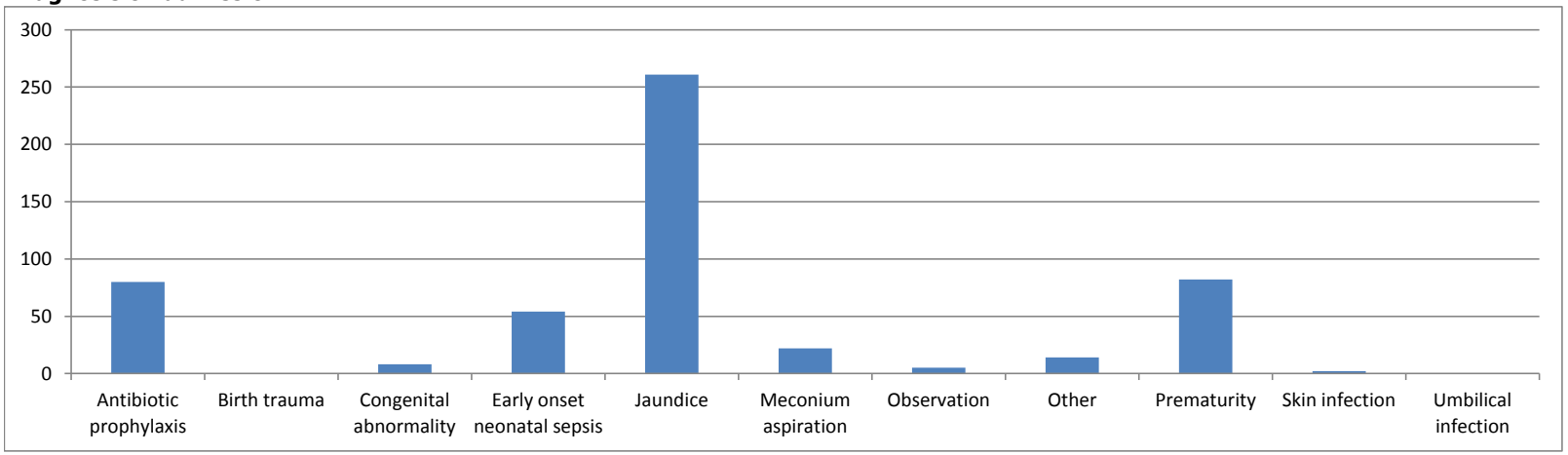
Neonatal Deaths in SCBU

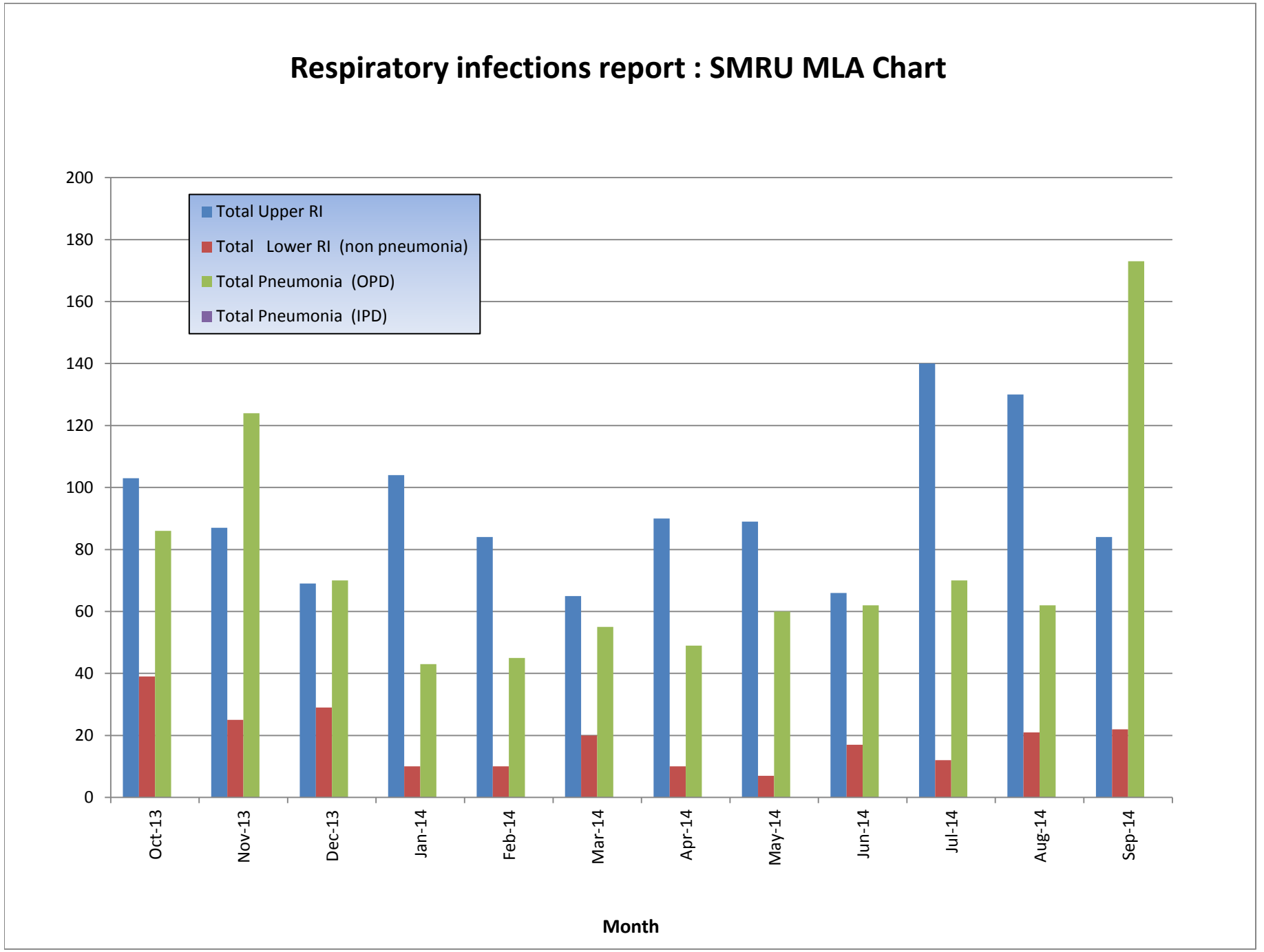
	Maela
< 28 weeks	1
28.0 - 36.7 weeks	3
> 37 weeks	7

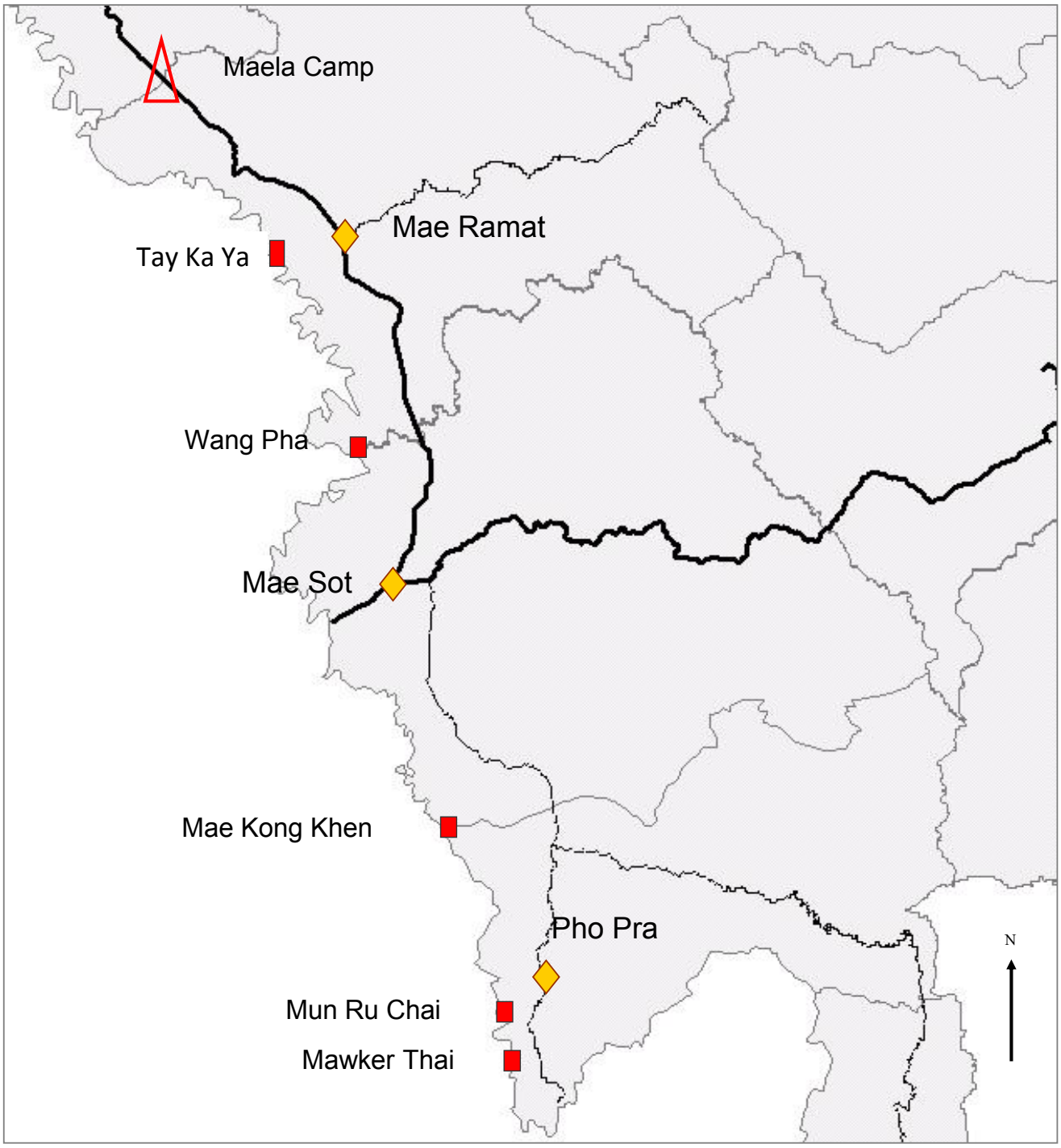
Intensity of care



Diagnosis on admission




Respiratory infections report : SMRU MLA Chart
Total Upper RI
Total Lower RI (non pneumonia)
Total Pneumonia (OPD)
Total Pneumonia (IPD)
200
180
160
140
120
100
80
60
40
20
0
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
Month

แผนที่ที่ตั้งคลินิคหน่วยวิจัยมาเลเรียโซโกล

Map of SMRU clinic sites