

Bago Region (West)

Profile of Bago Region (West)



Area and Location*

Area : 14905.28 Sq Km
 North : Mandalay Region
 South : Yangon Region
 East : Bago East Region
 West : Rakhine State and Ayeyarwaddy

Administrative Units*

Townships : 14
 Wards : 103
 Village Tracts : 685
 Villages : 3,633



Population (2009)*

Total: 2,019,050
 Urban: 357,502
 Rural: 1,661,548
 Male: 979,242
 Female: 1,039,808
 Sex Ratio: 94
 <5 Year: 180,141
 0-14 Year: 527,872
 15-49 Year: 1,069,332
 Population Density: 151.41/Km²

Health Facilities*-

General Hospital (200) Bedded	1	Urban Health Centers	1
Hospital (100) Bedded	1	Rural Health Centers	59
Township Hospital (50=2, 25=10)	12	Sub Health Centers	300
Station Hospital (16 bedded)	23	School Health Centers	2
Hospital Under other Ministry	1	Private Clinics and Maternity Homes	1
Maternal and Child Health Centers	17		

Health Manpower (2009)*

	Doctor	Nurse	HA	LHV	PHS I	PHS II	MW
Sanction	191	271	89	85	31	89	477
Appointed	160	256	79	85	29	88	463
Vacant	31	15	10	0	2	1	14
% Vacancy	16.2%	5.5%	11.2%	0.0%	6.5%	1.1%	2.9%

(HA: Health Assistant, LHV: Lady Health Visitor, PHS: Public Health Supervisor, MW: Midwife)

Health Manpower (Volunteer)*

	Category of Volunteer Health		
	CHW	AMW	TTBA
Trained	2946	1792	1255
Functioning	1859	1178	621
% Functioning	63.1%	65.7%	49.5%

(CHW: Community Health Worker, AMW: Auxiliary Mid Wife, TTBA: Trained Traditional Birth Attendant)

Common Diseases under National Surveillance*

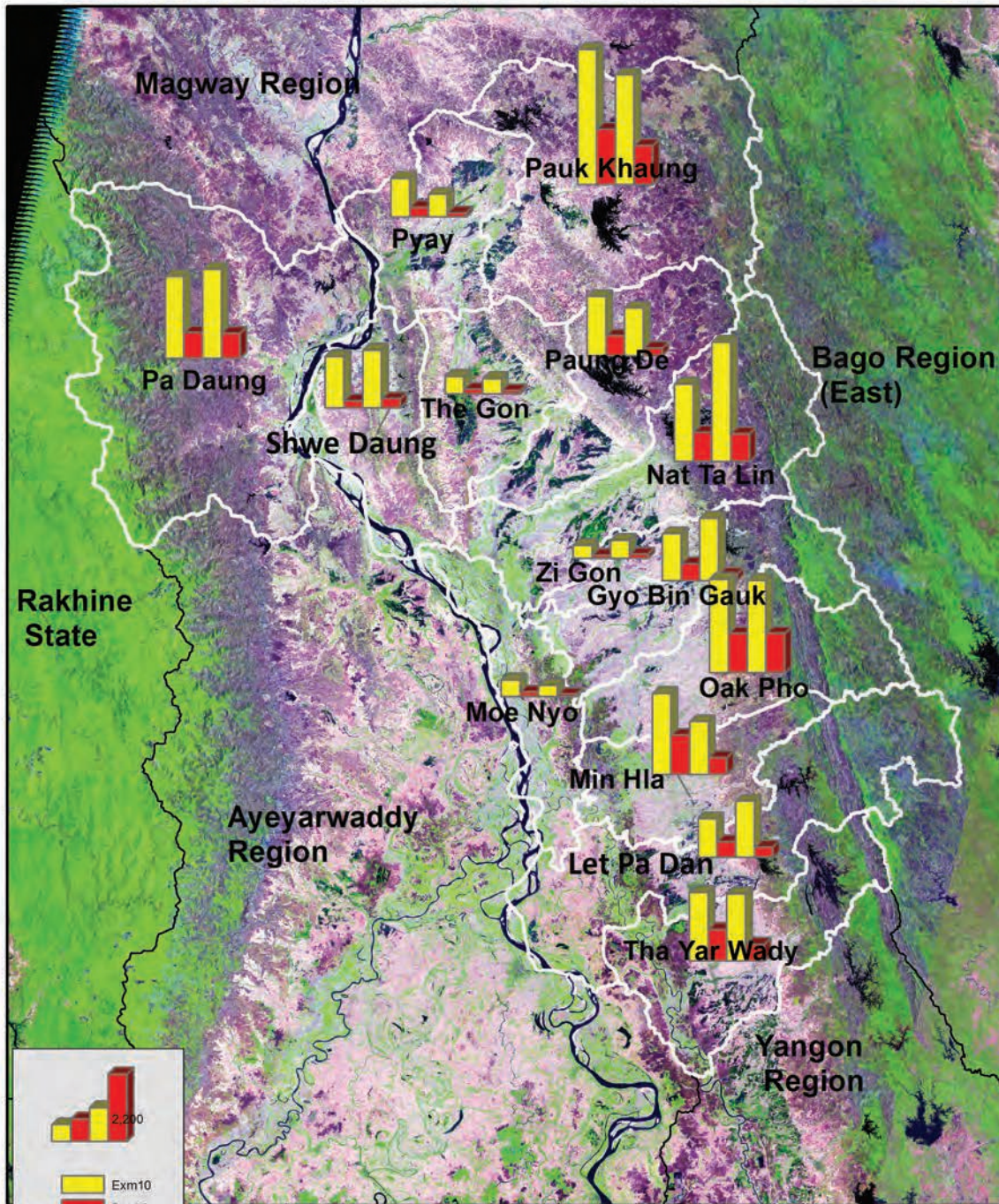
Diseases	Morbidity	Mortality
Malaria	1195	1.96
ARI<5	4094	5.50
Diarrhea	753.3	0.70
Dysentery	302.1	0
TB (Sputum +)	43.69	0.56
Snake Bite	15.2	1.75

(Per 100,000 Populations)

* The data source is Health Profile of Bago Region (2009) from Department of Health Planning.



Malaria Examined and Positive (*P.f*) by Townships in Bago Region West, 2010 and 2011



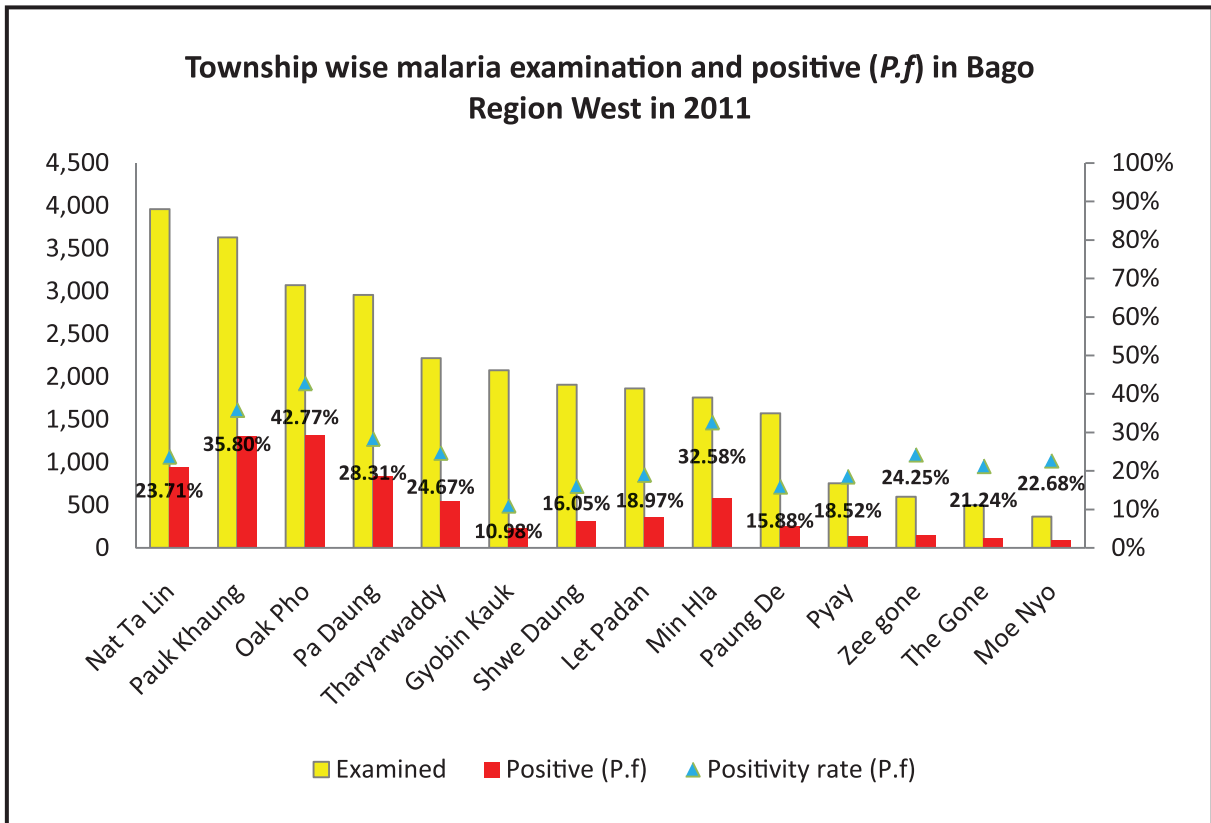
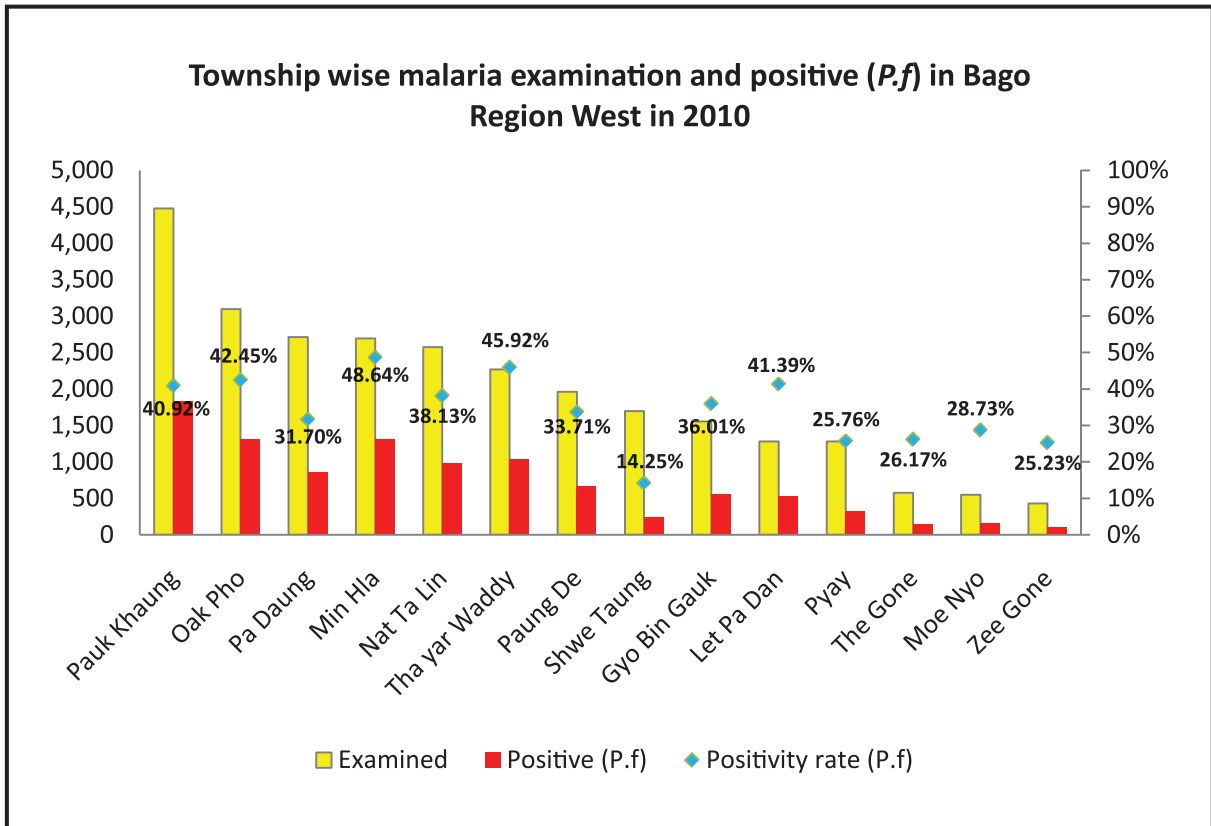
Result of Malaria examination by Townships in Bago Region West in 2010

Sr	Township Name	Total Examination	Examined by RDT		Examined by Microscope							SFR	SVR	SPR
			Examined	P.f	Examined	P.f	P.v	P.m/ P.o	Mix	Total Positive				
1	Thayarwaddy	2,269	2,158	938	111	104	0	0	0	0	104	100.00%	0.00%	45.92%
2	Let Pa Dan	1,283	1,123	420	160	110	5	0	1	116	95.69%	4.31%	41.78%	
3	Min Hla	2,693	2,572	1,248	121	62	0	0	0	62	100.00%	0.00%	48.64%	
4	Oak Pho	3,098	3,014	1,255	84	60	6	0	0	66	90.91%	9.09%	42.64%	
5	Gyo Bin Kauk	1,558	1,504	515	54	46	2	0	0	48	95.83%	4.17%	36.14%	
6	Nat Ta Lin	2,578	2,355	822	223	161	2	0	0	163	98.77%	1.23%	38.21%	
7	Paung De	1,961	1,954	655	7	6	0	0	0	6	100.00%	0.00%	33.71%	
8	PaukKhaung	4,479	4,338	1,728	141	105	3	0	0	108	97.22%	2.78%	40.99%	
9	Pyay	1,281	1,253	310	28	20	1	0	0	21	95.24%	4.76%	25.84%	
10	Pa Daung	2,713	2,465	613	248	247	1	0	0	248	99.60%	0.40%	31.74%	
11	ShweTaung	1,698	1,654	198	44	44	0	0	0	44	100.00%	0.00%	14.25%	
12	Thee Gone	577	555	130	22	21	1	0	0	22	95.45%	4.55%	26.34%	
13	Zee Gone	432	428	105	4	4	0	0	0	4	100.00%	0.00%	25.23%	
14	Moe Nyo	550	545	153	5	5	0	0	0	5	100.00%	0.00%	28.73%	
		27,170	25,918	9,090	1,252	995	21	0	1	1,017	97.94%	2.06%	37.20%	

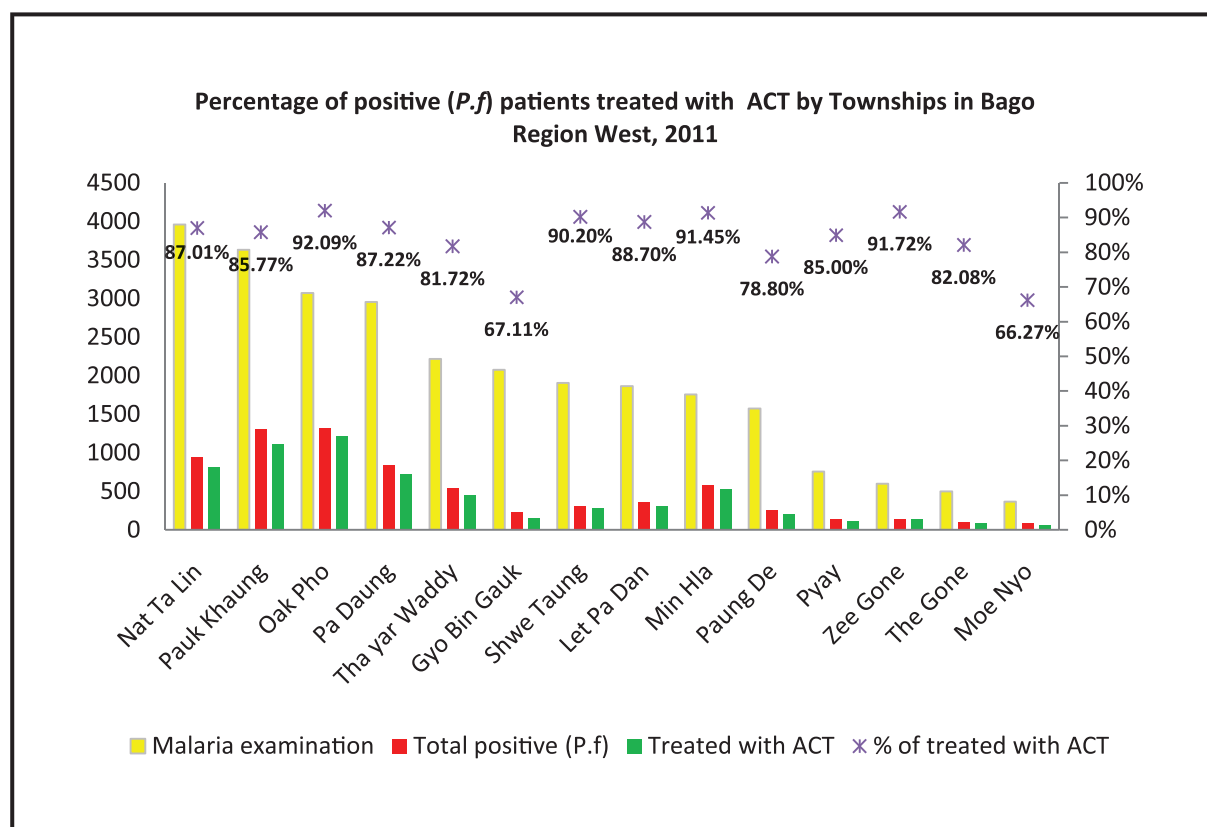
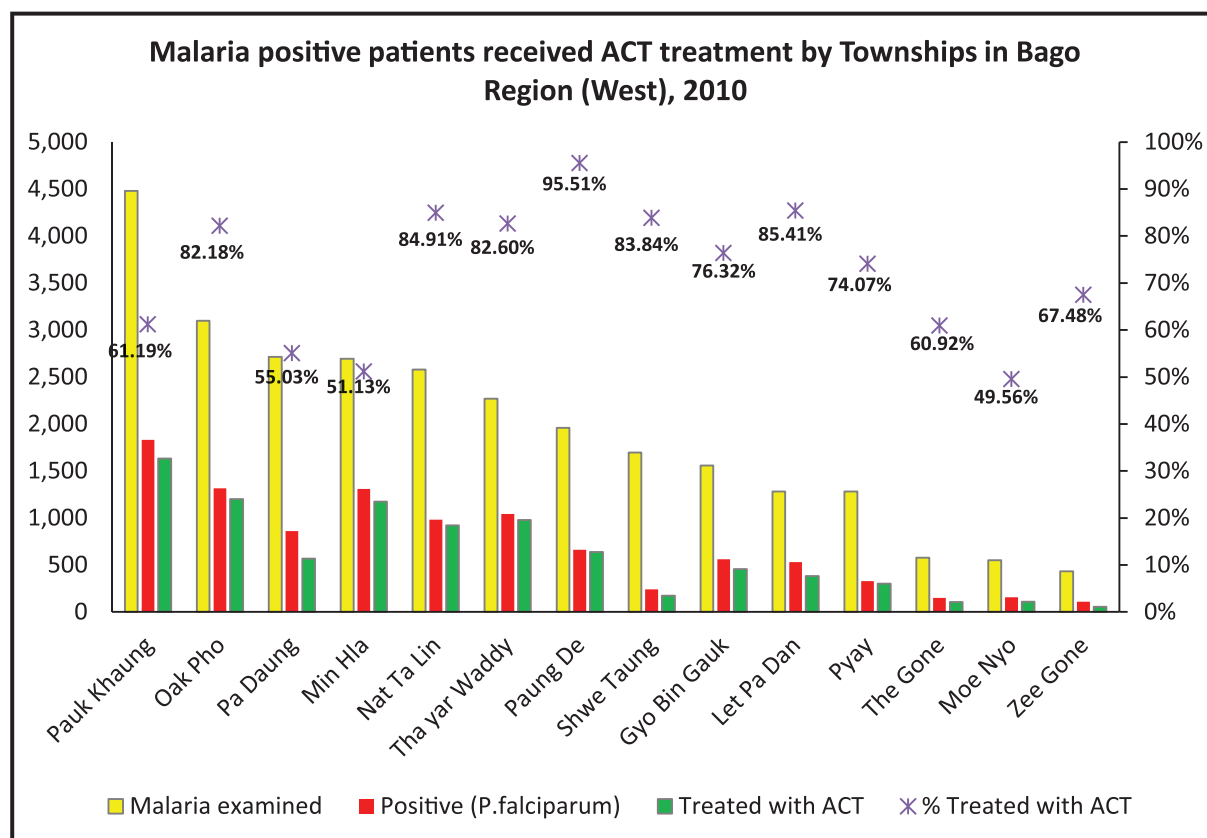
Result of Malaria examination by Townships in Bago Region West in 2011

Sr	Township Name	Total Examination	Examined by RDT				Examined by Microscope						SFR	SVR	SPR	
			Examined	P.f	Mix	Other species	Examined	P.f	P.v	P.m/ P.o	Mix	Total Positive				
1	ThayarWaddy	2,217	1,610	348	67	57	607	132	6	0	0	0	138	95.65%	4.35%	24.94%
2	Let Pa Dan	1,866	1,319	221	8	12	547	123	10	0	2	2	135	92.59%	7.41%	19.51%
3	Min Hla	1,759	1,406	520	3	80	353	48	23	0	2	2	73	68.49%	31.51%	33.88%
4	Oak Pho	3,072	2,632	1,173	59	231	440	82	13	0	0	0	95	86.32%	13.68%	43.20%
5	Gyo Bin Gauk	2,076	930	93	6	91	1,146	129	4	0	0	0	133	96.99%	3.01%	11.18%
6	Nat Ta Lin	3,961	2,620	661	32	203	1,341	245	15	0	1	1	261	94.25%	5.75%	24.08%
7	Paung De	1,574	1,546	225	17	339	28	8	0	0	0	0	8	100.00%	0.00%	15.88%
8	PaukKhaung	3,631	2,876	1,079	39	242	755	178	23	0	4	4	205	88.78%	11.22%	36.44%
9	Pyay	756	747	134	1	33	9	5	1	0	0	0	6	83.33%	16.67%	18.65%
10	Pa Daung	2,957	2,447	658	78	532	510	95	53	0	6	6	154	65.58%	34.42%	30.10%
11	ShweTaung	1,906	1,680	258	20	199	226	25	5	0	3	3	33	84.85%	15.15%	16.32%
12	The Gone	499	366	82	4	3	133	18	6	0	2	2	26	76.92%	23.08%	22.44%
13	Zee Gone	598	519	132	0	13	79	13	1	0	0	0	14	92.86%	7.14%	24.41%
14	Moe Nyo	366	316	61	6	10	50	16	10	0	0	0	26	61.54%	38.46%	25.41%
		27,238	21,014	5,645	340	2,045	6,224	1,117	170	0	20	20	1,307	86.99%	13.01%	26.77%

Number of malaria examination and positive (*P.f*) by Townships in Bago Region West in 2010 and 2011



Percentage of positive (*P.f*) patients treated with ACT by Township in Bago Region West in 2010 and 2011



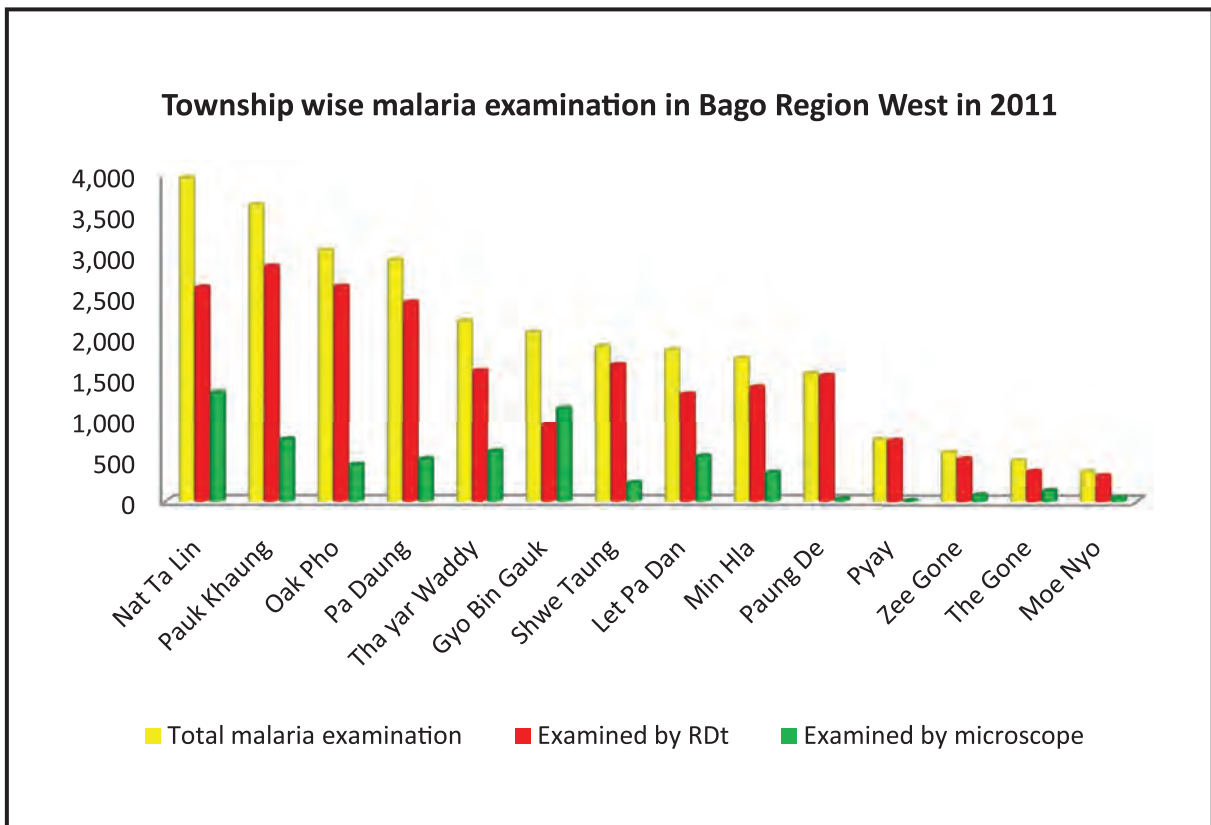
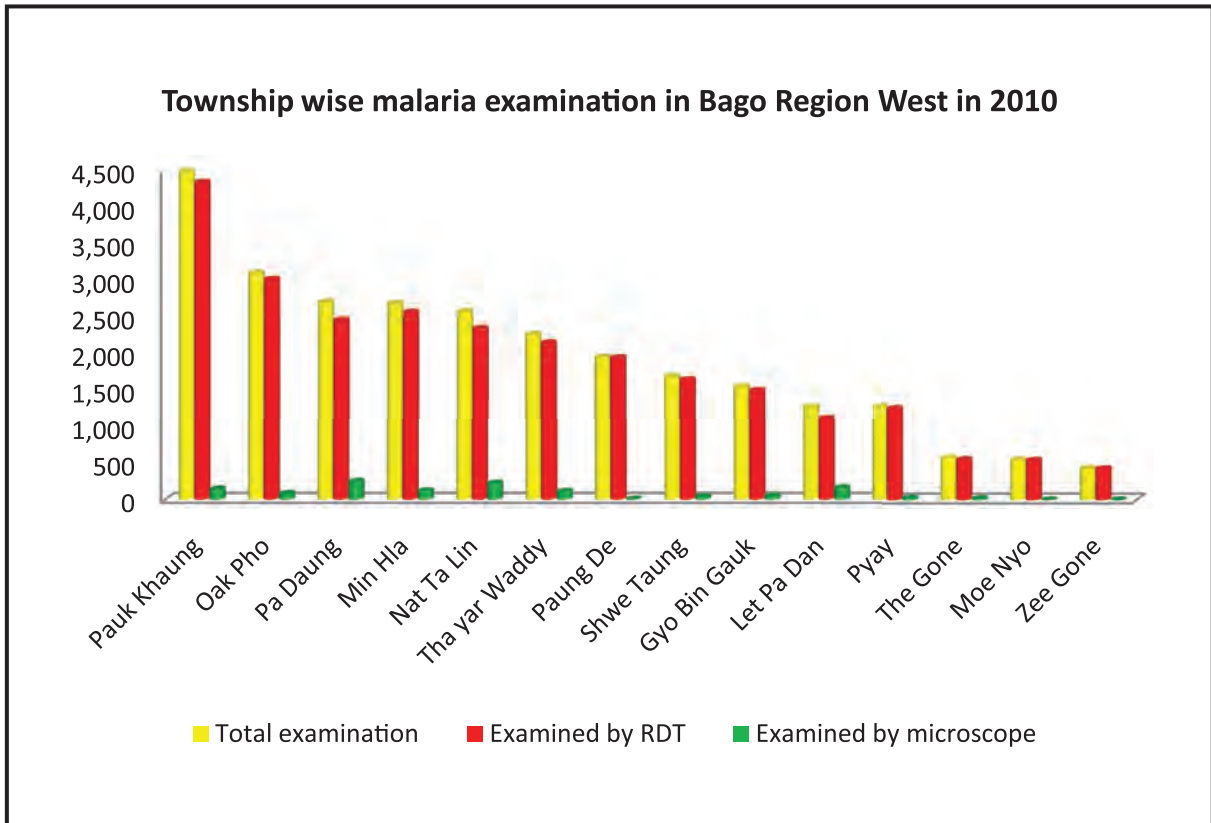
Percentage of malaria positive (*P.f*) patients treated with ACT by Townships in Bago Region West, 2010

Sr	Township Name	Total Examination	Examined by RDT		Examined by Microscope					Total <i>P.f</i>	Treated with ACT	% Treated with ACT
			Examined	<i>P.f</i>	Examined	<i>P.f</i>	<i>P.v</i>	<i>P.m/P.o</i>	Mix			
1	ThayarWaddy	2,269	2,158	938	111	104	0	0	0	1,042	979	82.60%
2	Let Pa Dan	1,283	1,123	420	160	110	5	0	1	531	383	85.41%
3	Min Hla	2,693	2,572	1,248	121	62	0	0	0	1,310	1,176	51.13%
4	Oak Pho	3,098	3,014	1,255	84	60	6	0	0	1,315	1,200	82.18%
5	Gyo Bin Gauk	1,558	1,504	515	54	46	2	0	0	561	457	76.32%
6	Nat Ta Lin	2,578	2,355	822	223	161	2	0	0	983	922	84.91%
7	Paung De	1,961	1,954	655	7	6	0	0	0	661	638	95.51%
8	PaukKhaung	4,479	4,338	1,728	141	105	3	0	0	1,833	1,633	61.19%
9	Pyay	1,281	1,253	310	28	20	1	0	0	330	301	74.07%
10	Pa Daung	2,713	2,465	613	248	247	1	0	0	860	567	55.03%
11	ShweTaung	1,698	1,654	198	44	44	0	0	0	242	175	83.84%
12	The Gone	577	555	130	22	21	1	0	0	151	106	60.92%
13	Zee Gone	432	428	105	4	4	0	0	0	109	56	67.48%
14	Moe Nyo	550	545	153	5	5	0	0	0	158	110	49.56%
		27,170	25,918	9,090	1,252	995	21	0	1	10,086	8,703	49.56%

Percentage of positive (P.f) patients treated with ACT by Townships in Bago Region West in 2011

Sr	Township Name	Total Examination	Examined by RDT			Examined by Microscope					Total P.f	Treated with ACT	% of treated with ACT
			Examined	P.f	Mix	Examined	P.f	P.v	P.m/ P.o	Mix			
1	ThayarWaddy	2,217	1,610	348	67	607	132	6	0	0	547	447	81.72%
2	Let Pa Dan	1,866	1,319	221	8	547	123	10	0	2	354	314	88.70%
3	Min Hla	1,759	1,406	520	3	353	48	23	0	2	573	524	91.45%
4	Oak Pho	3,072	2,632	1,173	59	440	82	13	0	0	1,314	1,210	92.09%
5	Gyo Bin Gauk	2,076	930	93	6	1,146	129	4	0	0	228	153	67.11%
6	Nat Ta Lin	3,961	2,620	661	32	1,341	245	15	0	1	939	817	87.01%
7	Paung De	1,574	1,546	225	17	28	8		0	0	250	197	78.80%
8	PaukKhaung	3,631	2,876	1,079	39	755	178	23	0	4	1,300	1,115	85.77%
9	Pyay	756	747	134	1	9	5	1	0	0	140	119	85.00%
10	Pa Daung	2,957	2,447	658	78	510	95	53	0	6	837	730	87.22%
11	ShweTaung	1,906	1,680	258	20	226	25	5	0	3	306	276	90.20%
12	The Gone	499	366	82	4	133	18	6	0	2	106	87	82.08%
13	Zee Gone	598	519	132		79	13	1	0	0	145	133	91.72%
14	Moe Nyo	366	316	61	6	50	16	10	0	0	83	55	66.27%
		27,238	21,014	5,645	340	6,224	1,117	170	0	20	7,122	6,177	86.73%

Township wise malaria examination by RDT and Microscope in Bago Region West in 2010 and 2011



Health Profile of Gyobinkauk Township



Area and Location*

Area	:	769.20 / Km ²
North	:	Nattalin
South	:	Okpo
East	:	Kyauktaga
West	:	Nonyo

Administrative Units*

Wards	:	10
Village tracts	:	49
Villages	:	271

Population (2009)*

Total	:	115658
Urban	:	22288
Rural	:	93370
Male	:	55805
Female	:	59853
Sex Ratio	:	93
<5 Year	:	8971
0-14 Year	:	25932
15-49 Year	:	61999
Population Density	:	150.36 / Km ²

Health Facilities (2009)*

Township Hospital (25) Bedded	:	1
Station Hospital	:	1
Maternal and Child Health Centers	:	1
Rural Health Centers	:	4
Sub Health Centers	:	20
Private Clinics and Maternity Homes	:	14

Health Manpower*

	<i>Doctor</i>	<i>Nurse</i>	<i>HA</i>	<i>LHV</i>	<i>PHS I</i>	<i>PHS II</i>	<i>MW</i>
Sanction	6	6	6	5	1	2	32
Appointed	6	5	5	5	1	2	31
Vacant	-	1	1	-	-	-	1
% Vacancy	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	3.1%

(HA: Health Assistant, LHV: Lady Health Visitor, PHS:Public Health Supervisor , MW: Midwife)

Health Manpower (Volunteer)*

	Category of Volunteer Health Workers		
	CHW	AMW	TTBA
Trained	159	112	59
Functioning	129	94	46
% Functioning	81.9%	83.9%	78.0%

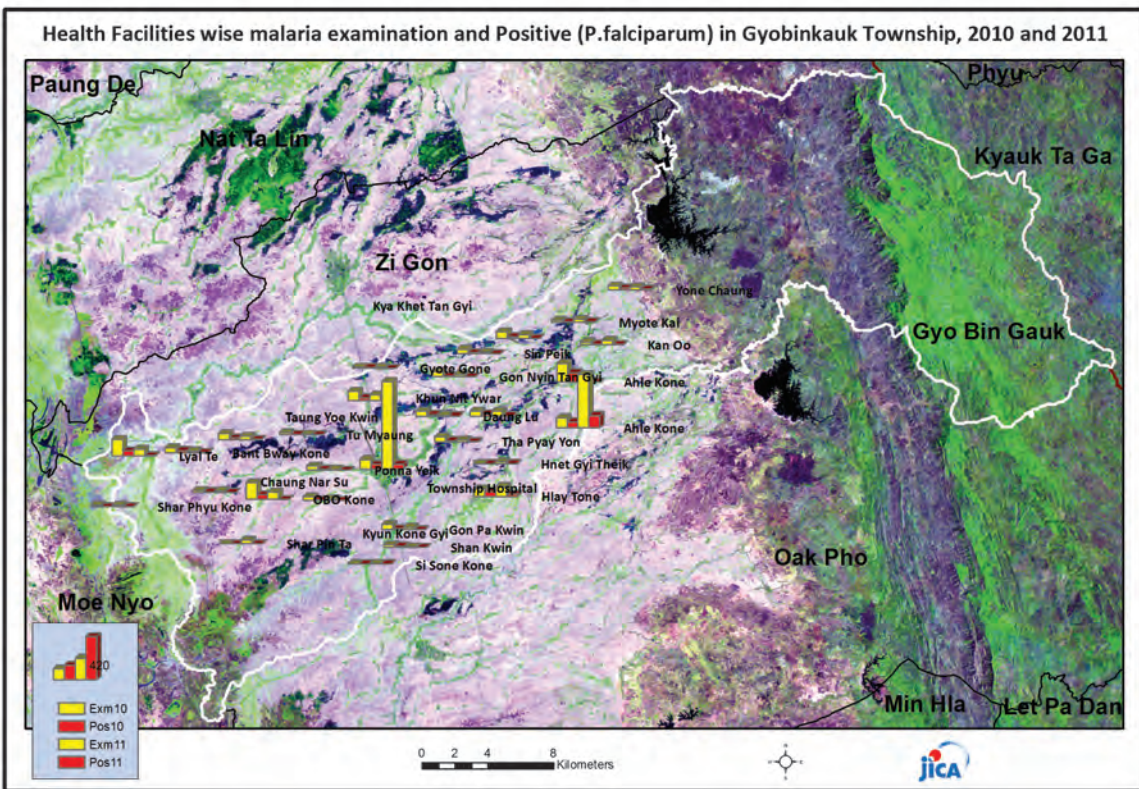
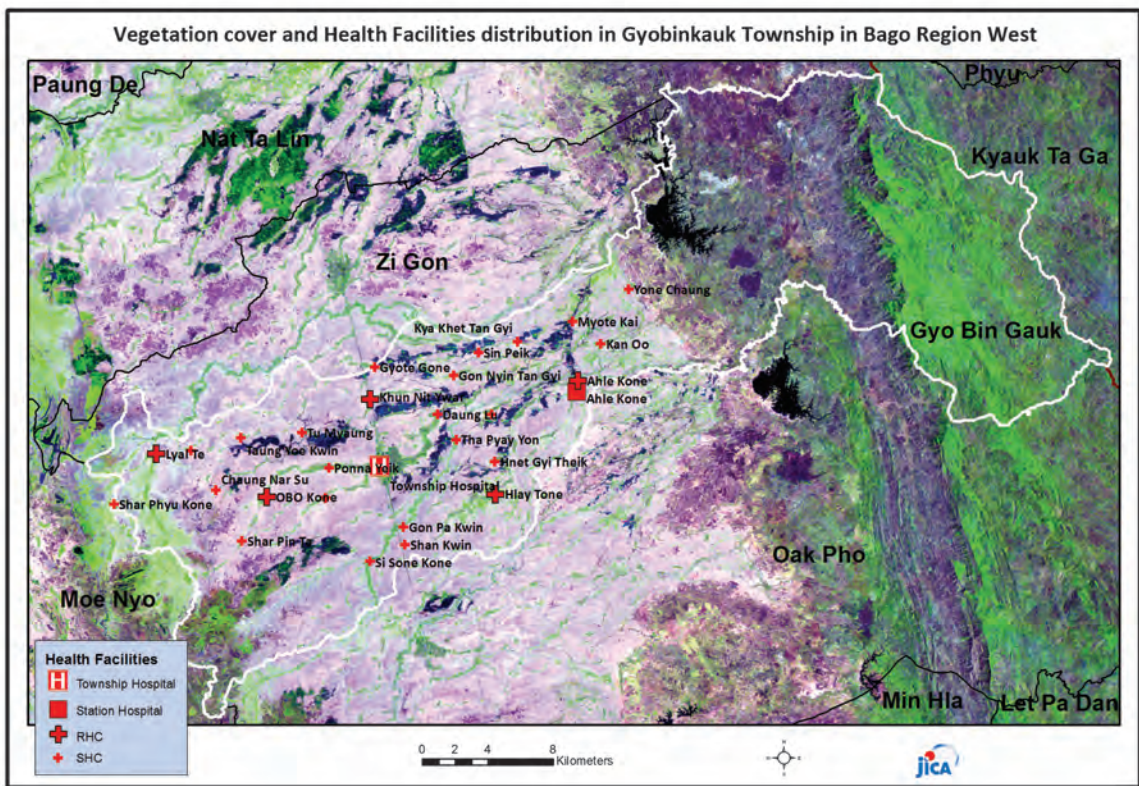
(CHW: Community health Worker, AMW: Auxiliary Mid Wife, TTBA: Trained Traditional Birth Attendant)

Common Diseases under National Surveillance*

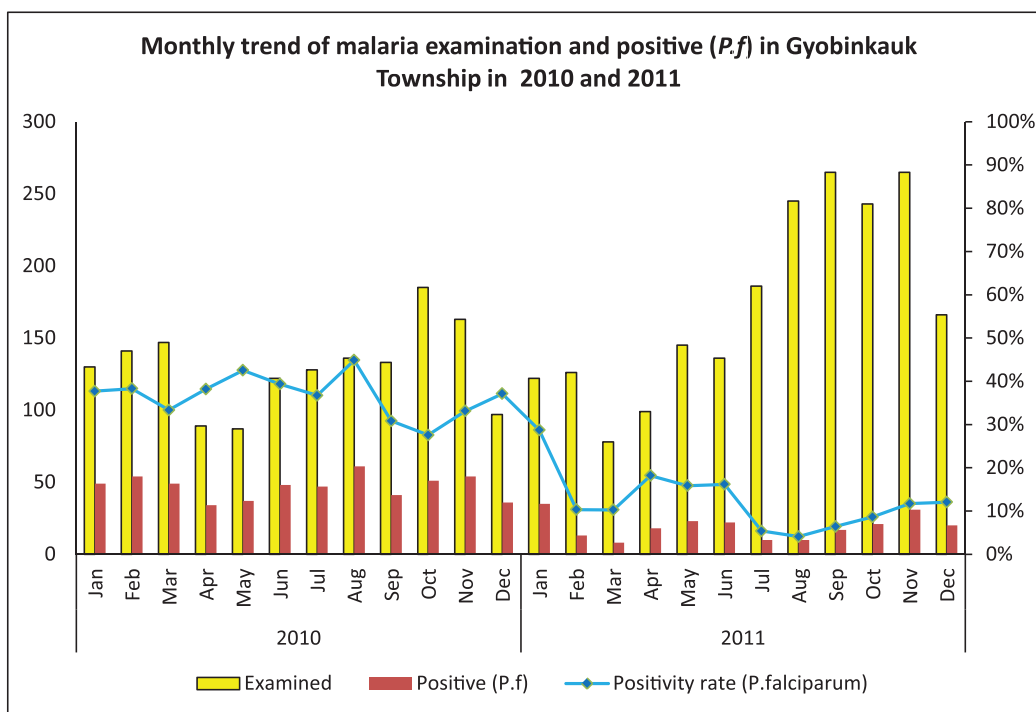
<i>Diseases</i>	<i>Morbidity</i>	<i>Mortality</i>
Malaria	1176.75	3.46
ARI <5	6554.45	11.15
Diarrhea	472.08	0
Dysentery	356.22	0
TB(Sputum+)	107.21	0
Snake Bite	71.76	1.73

(Per 100,000 Populations)

*The data source is Health Profile of Bago Region East (2009) from Department of Health Planning.

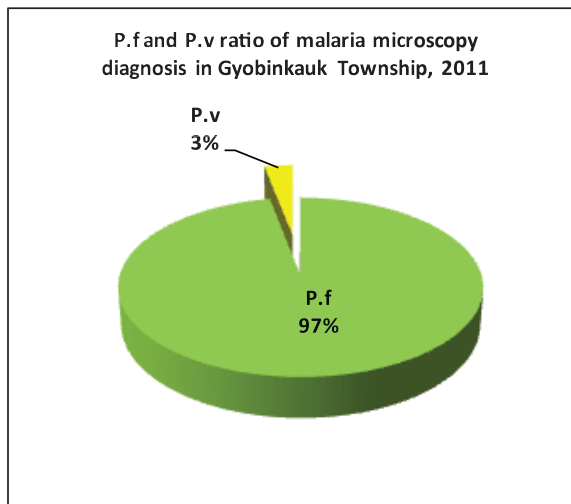
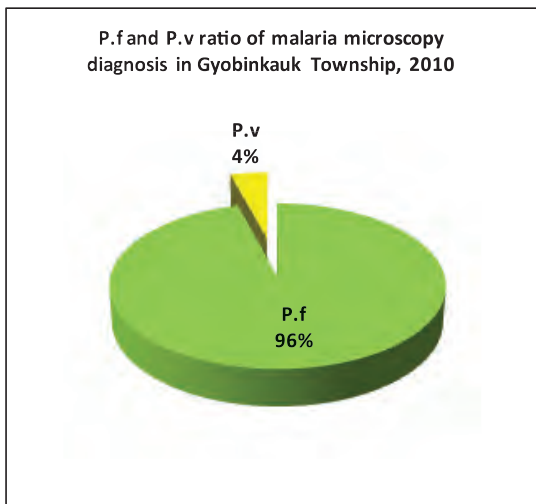


Monthly trend of malaria examined and Positive (*P.f*) in Gyobinkauk Township in 2010 and 2011

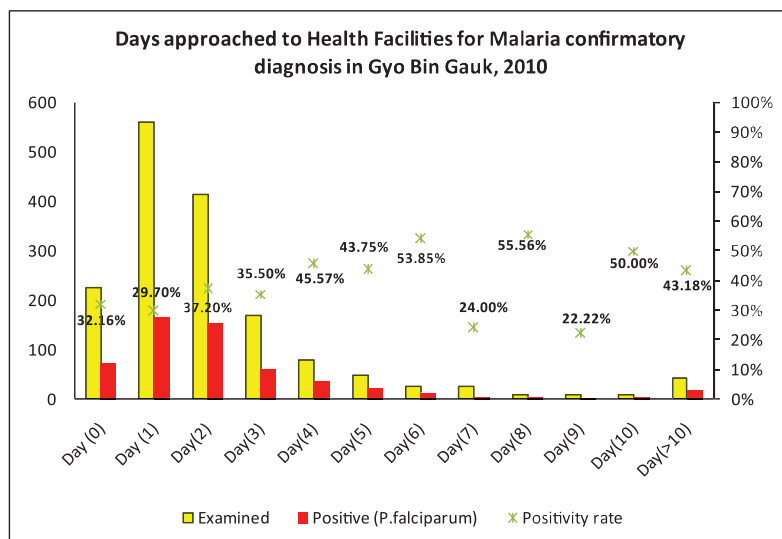
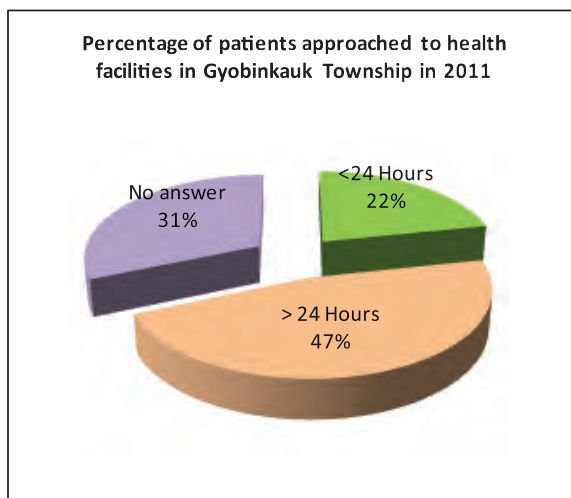
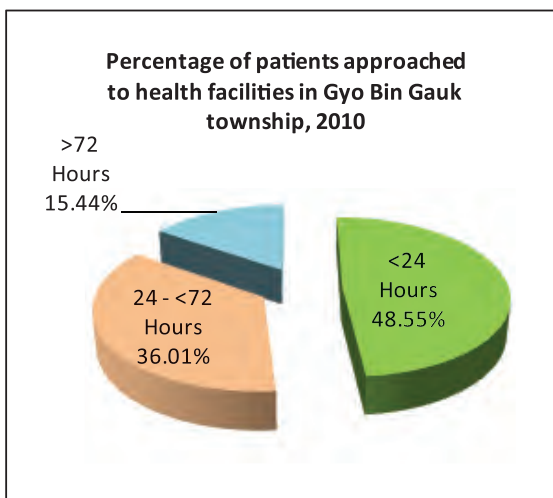


Month	2010			2011		
	Examined	Positive (<i>P.f</i>)	Positivity rate (<i>P.f</i>)	Examined	Positive (<i>P.f</i>)	Positivity rate (<i>P.f</i>)
Jan	130	49	37.69%	122	35	28.69%
Feb	141	54	38.30%	126	13	10.32%
Mar	147	49	33.33%	78	8	10.26%
Apr	89	34	38.20%	99	18	18.18%
May	87	37	42.53%	145	23	15.86%
Jun	122	48	39.34%	136	22	16.18%
Jul	128	47	36.72%	186	10	5.38%
Aug	136	61	44.85%	245	10	4.08%
Sep	133	41	30.83%	265	17	6.42%
Oct	185	51	27.57%	243	21	8.64%
Nov	163	54	33.13%	265	31	11.70%
Dec	97	36	37.11%	166	20	12.05%
Total	1,558	561	36.01%	2,076	228	10.98%

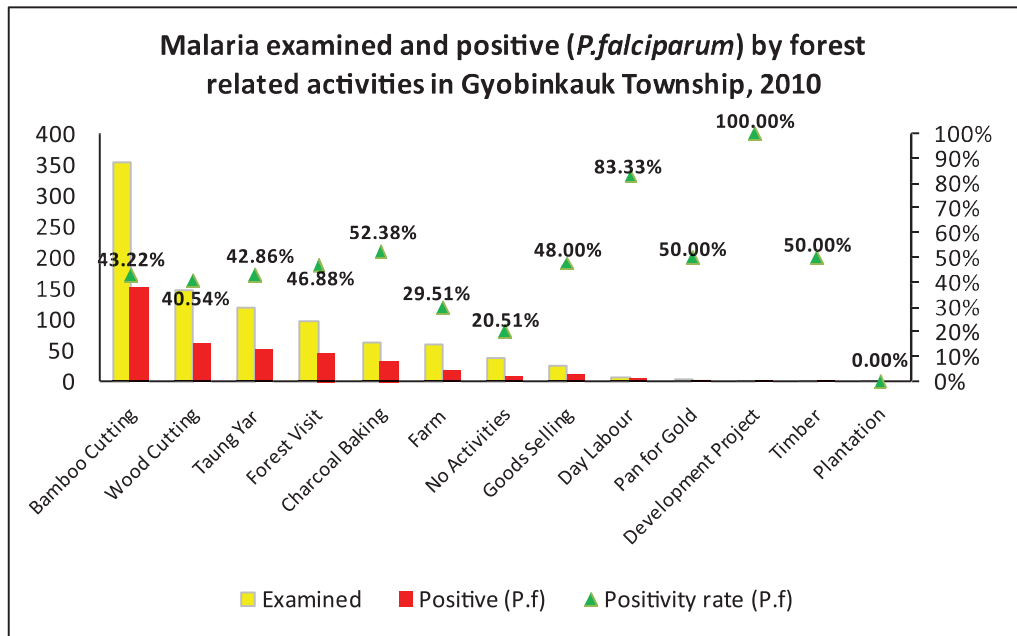
P.f and P.v ratio of malaria microscopy diagnosis in Gyobinkauk Township, 2010 and 2011



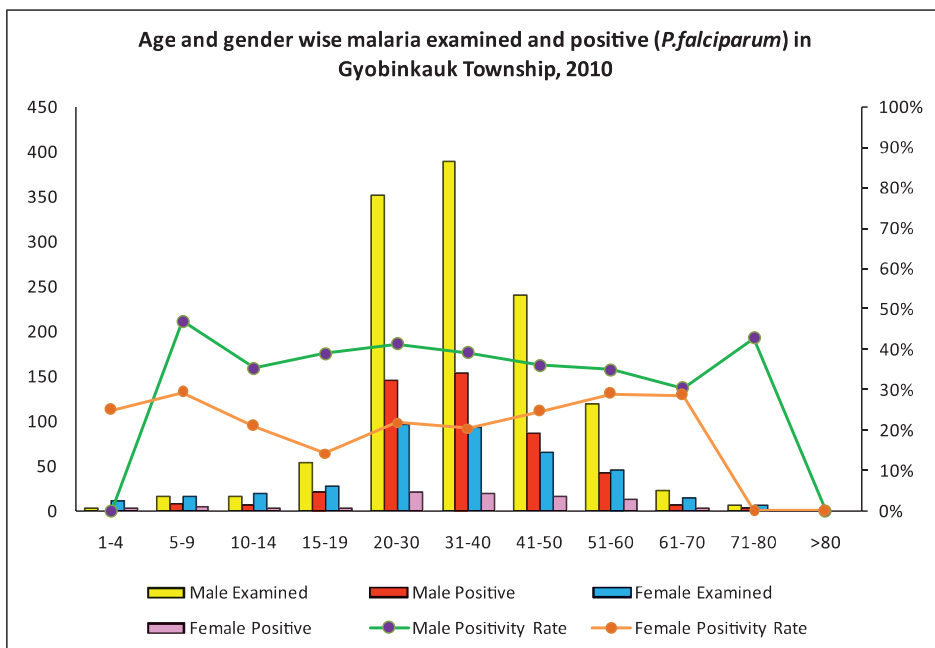
Percentage of patients approached to health facilities for malaria confirmatory diagnosis in Gyo Bin Gauk Township in 2010 and 2011



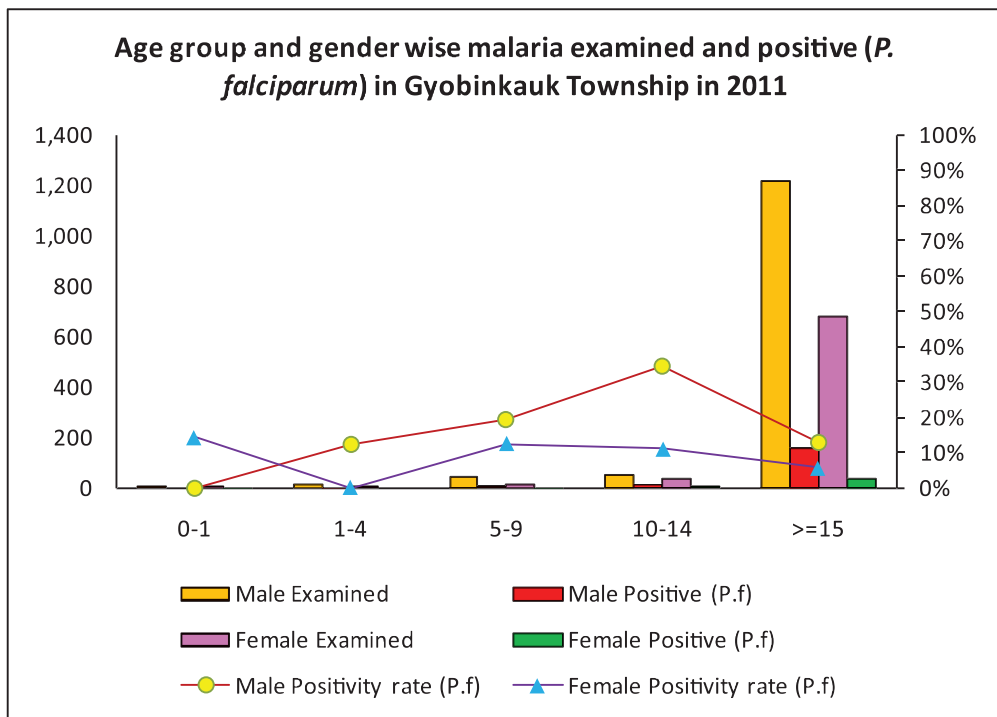
Malaria examined and positive (*P.falciparum*) by forest related activities in Gyo Bin Kauk Township in 2010



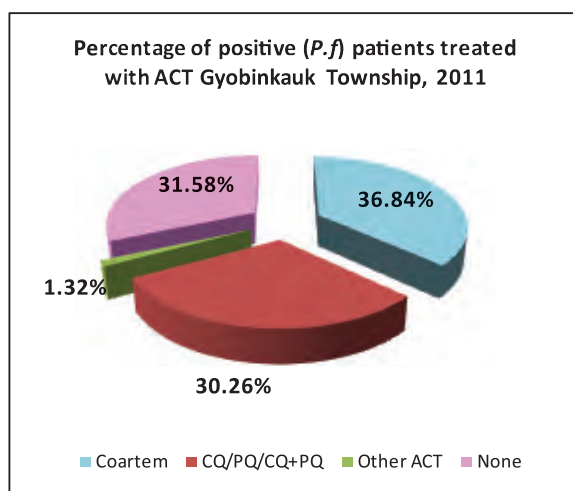
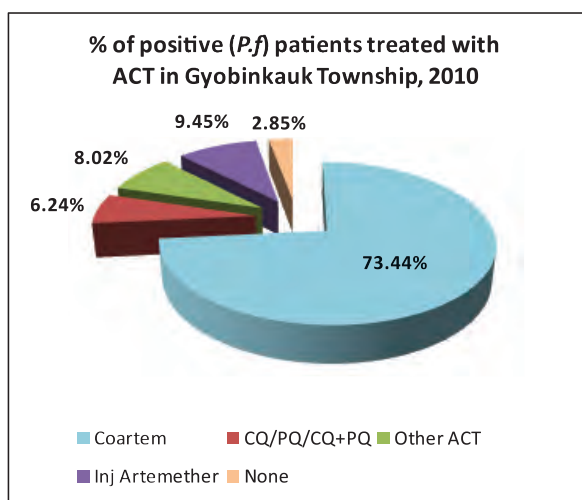
Age and Gender Wise Malaria examined and positive (*P.falciparum*) in Gyo Bin Gauk Township in 2010



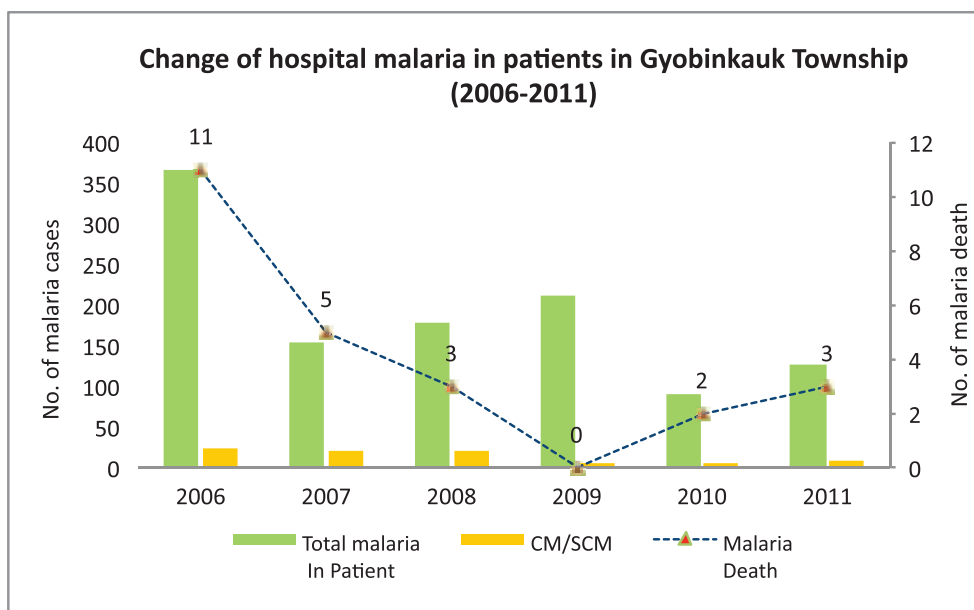
Age group Gender Wise Malaria examined and positive (*P.falciparum*) in Gyobinkauk Township in 2011



Percentage of Positive Patients treated with ACT in Gyo Bin Gauk Township in 2010 and 2011



Change of hospital malaria in patients in Gyobinkauk Township From 2006-2011



Sr	Year	Total In Patient	Total malaria In Patient	CM/SCM	Malaria Death	Total Death
1	2006	2777	365	23	11	95
2	2007	2314	152	20	5	55
3	2008	2715	178	20	3	49
4	2009	3312	212	5	0	3
5	2010	4061	89	5	2	12
6	2011	4713	127	7	3	53

Health Profile of Letpatan Township



Area and Location*

Area	:	1486.87Km ²
North	:	Minhla
South	:	Tharyawaddy
East	:	Kyauktaga
West	:	Hinthada

Administrative Units*

Wards	:	4
Village tracts	:	49
Villages	:	310

Population (2009)*

Total	:	217143
Urban	:	31322
Rural	:	185821
Male	:	104494
Female	:	112649
Sex Ratio	:	93
<5 Year	:	24887
0-14 Year	:	69034
15-49 Year	:	109708
Population Density	:	146.04/ Km ²

Health Facilities (2009)*

Township Hospital (50) Bedded	:	1
Station Hospital	:	2
Maternal and Child Health Centers	:	2
Rural Health Centers	:	5
Sub Health Centers	:	24

Health Manpower*

	<i>Doctor</i>	<i>Nurse</i>	<i>HA</i>	<i>LHV</i>	<i>PHS I</i>	<i>PHS II</i>	<i>MW</i>
Sanction	10	10	8	6	1	7	39
Appointed	8	9	6	6	1	7	36
Vacant	2	1	2	0	0	0	36
% Vacancy	20.0%	10.0%	25.0%	0.0%	0.0%	0.0%	7.7 %

(HA: Health Assistant, LHV: Lady Health Visitor, PHS:Public Health Supervisor , MW: Midwife)

Health Manpower (Volunteer)*

	Category of Volunteer Health Workers		
	CHW	AMW	TTBA
Trained	300	160	189
Functioning	208	112	65
% Functioning	69.3%	70.0%	34.4%

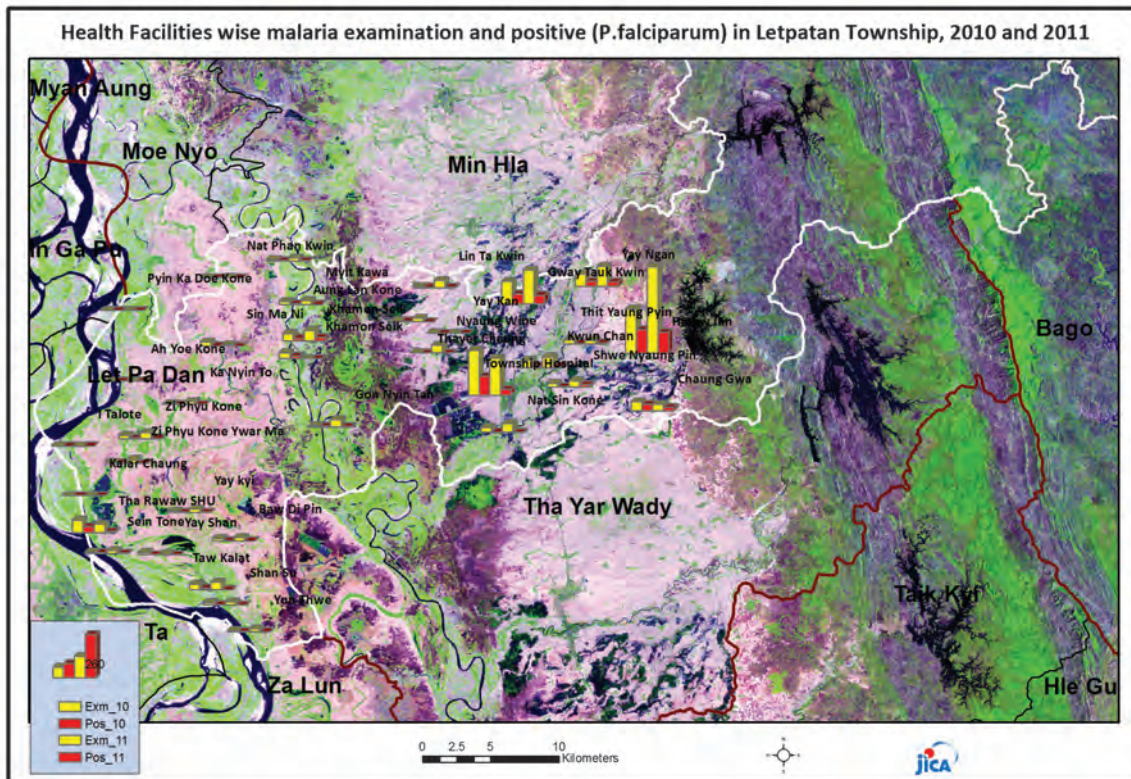
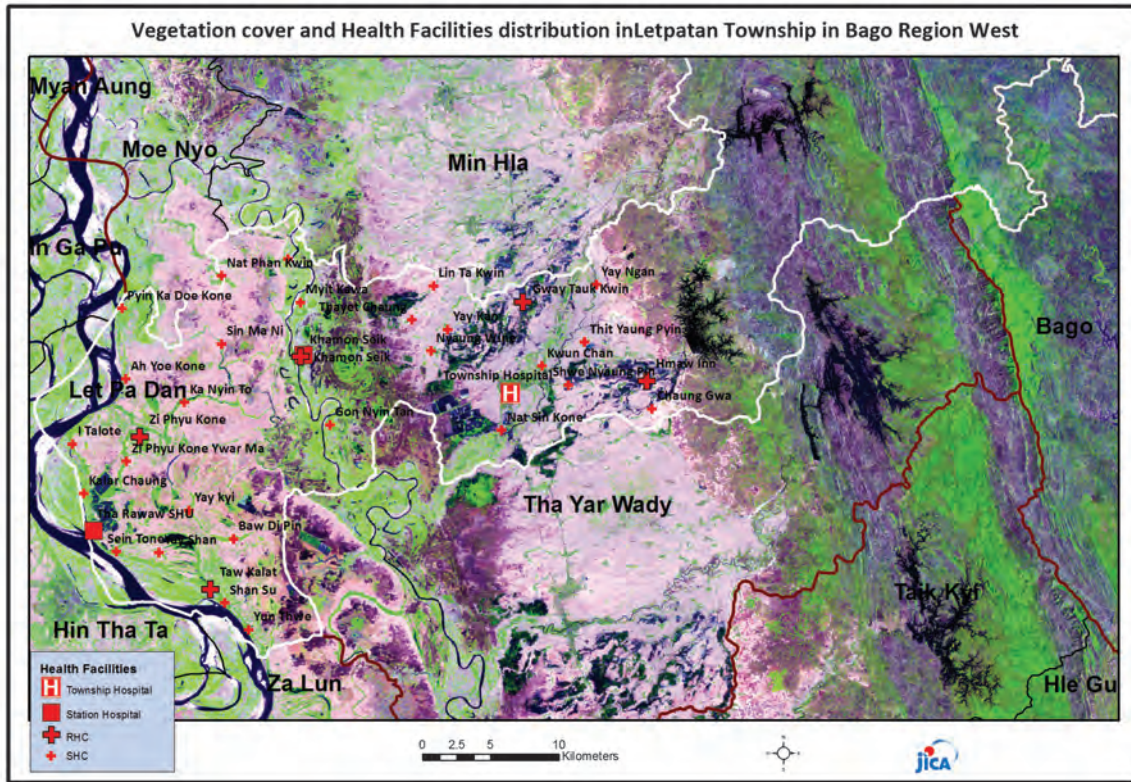
(CHW: Community health Worker, AMW: Auxiliary Mid Wife, TTBA: Trained Traditional Birth Attendant)

Common Diseases under National Surveillance*

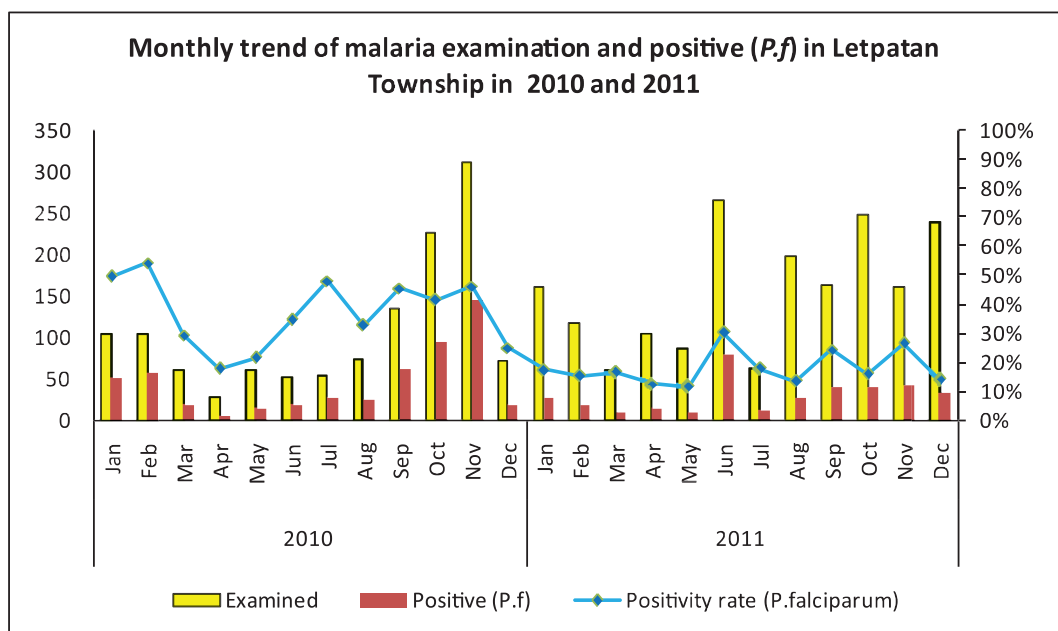
<i>Diseases</i>	<i>Morbidity</i>	<i>Mortality</i>
Malaria	368.88	0.46
ARI <5	3459.64	4.02
Diarrhea	265.72	0
Dysentery	118.82	0
TB(Sputum+)	66.32	0.46
Snake Bite	25.79	2.30

(Per 100,000 Populations)

*The data source is Health Profile of Bago Region (2009) from Department of Health Planning.

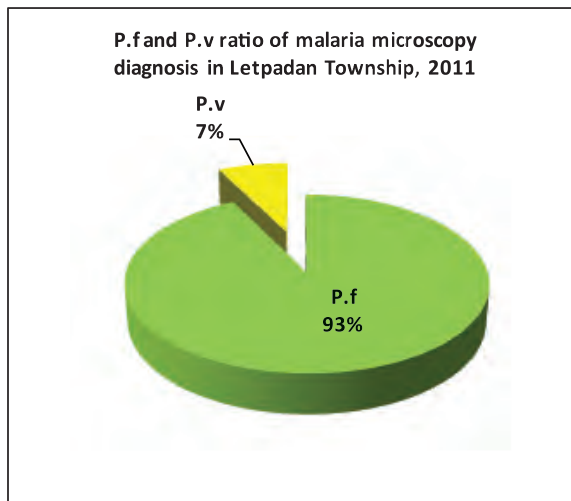
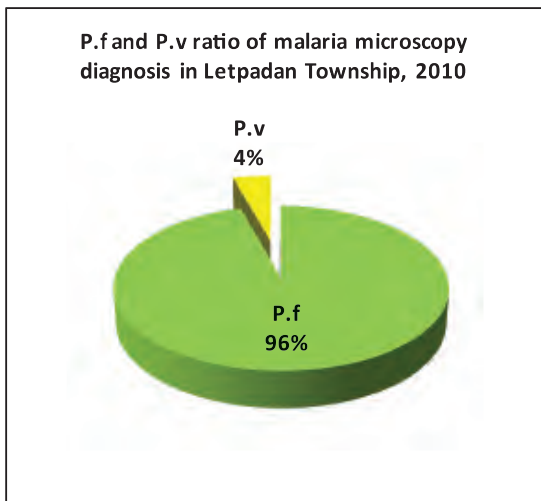


Monthly trend of malaria examined and positive (*P.f*) in Let Pa Dan Township in 2010 and 2011

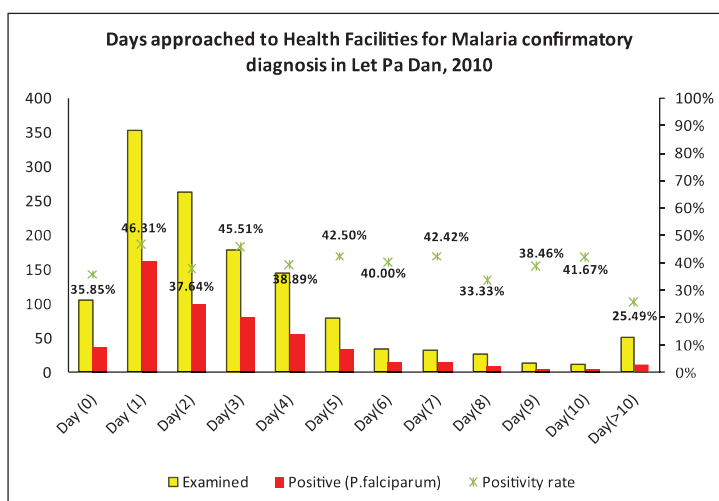
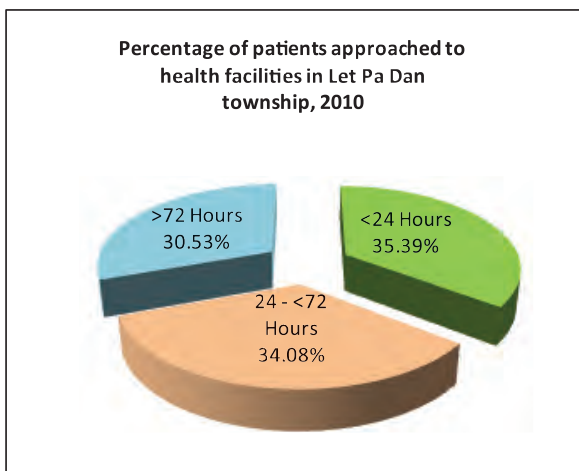


Month	2010			2011		
	Examined	Positive (<i>P.f</i>)	Positivity rate (<i>P.f</i>)	Examined	Positive (<i>P.f</i>)	Positivity rate (<i>P.f</i>)
Jan	105	52	49.52%	161	28	17.39%
Feb	105	57	54.29%	117	18	15.38%
Mar	61	18	29.51%	60	10	16.67%
Apr	28	5	17.86%	104	13	12.50%
May	60	13	21.67%	86	10	11.63%
Jun	52	18	34.62%	265	80	30.19%
Jul	54	26	48.15%	62	11	17.74%
Aug	73	24	32.88%	198	27	13.64%
Sep	136	62	45.59%	164	40	24.39%
Oct	226	94	41.59%	249	40	16.06%
Nov	311	144	46.30%	161	43	26.71%
Dec	72	18	25.00%	239	34	14.23%
Total	1,283	531	41.39%	1,866	354	18.97%

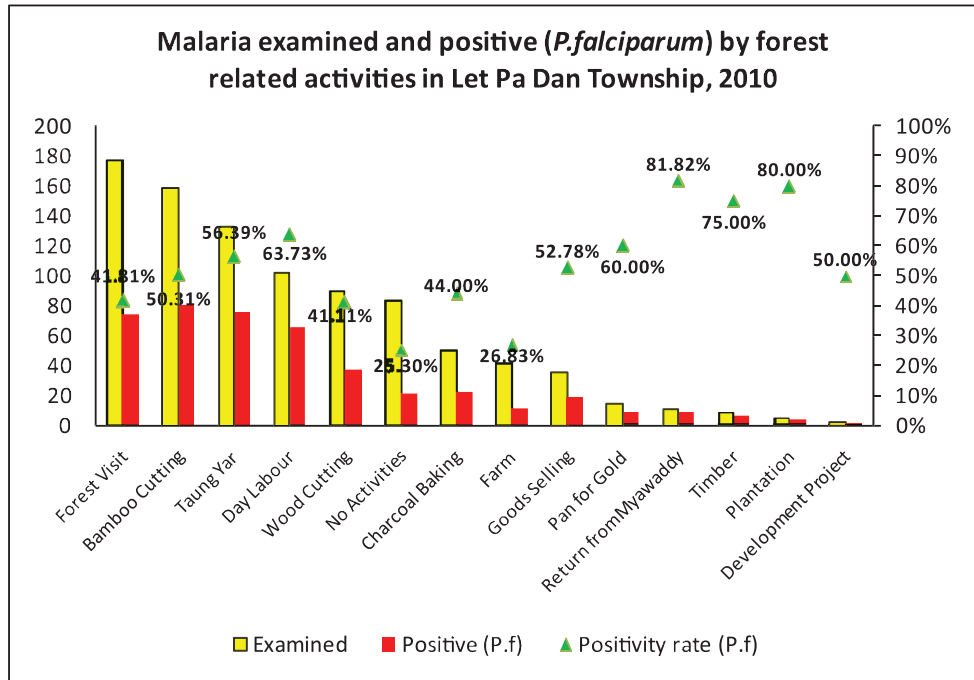
P.f and P.v ratio of malaria microscopy diagnosis in Let Pa Dan Township in Bago Region in 2010 and 2011



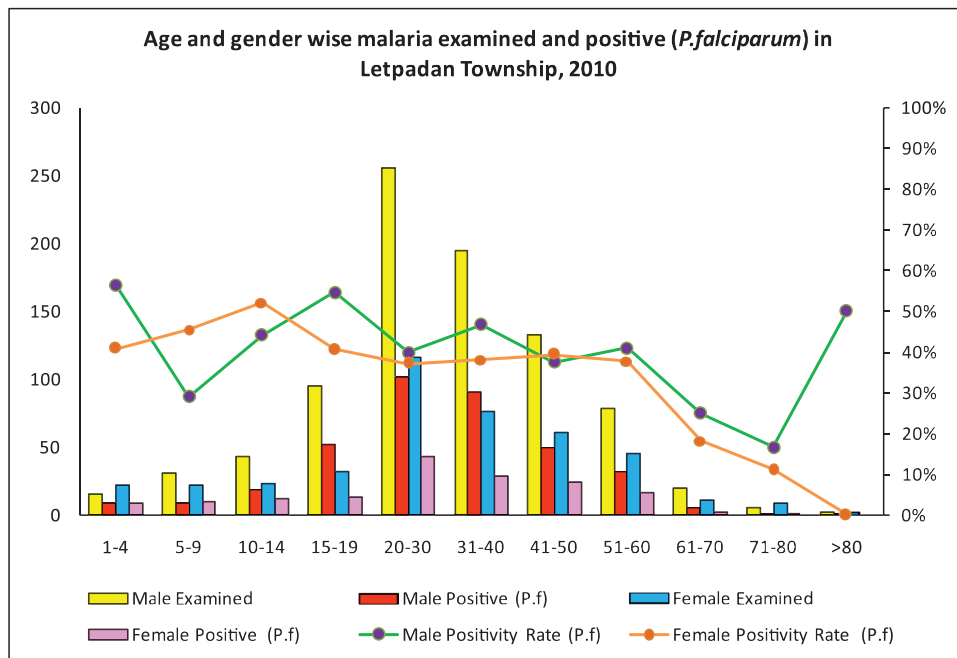
Percentage of patients approached to health facilities in Let Pa Dan Township in Bago Region in 2010 and 2011



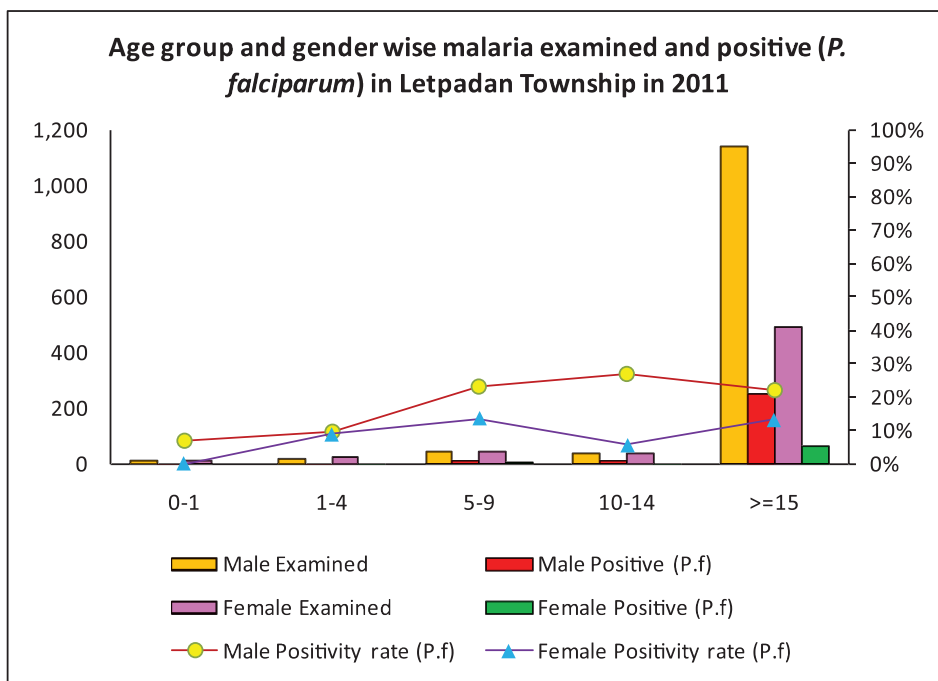
Malaria examined and positive (*P.falciparum*) by forest related activities in Let Pa Dan Township in 2010



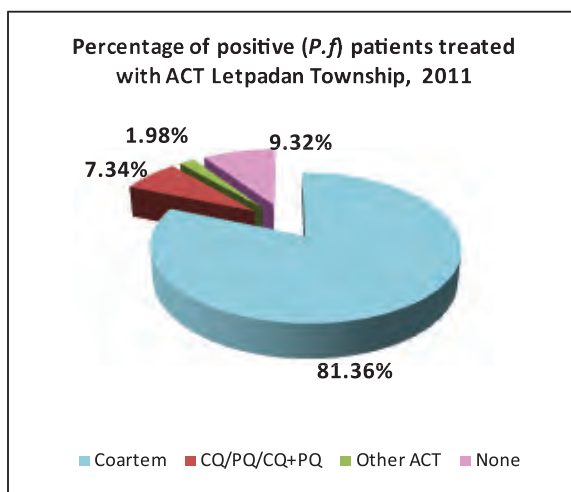
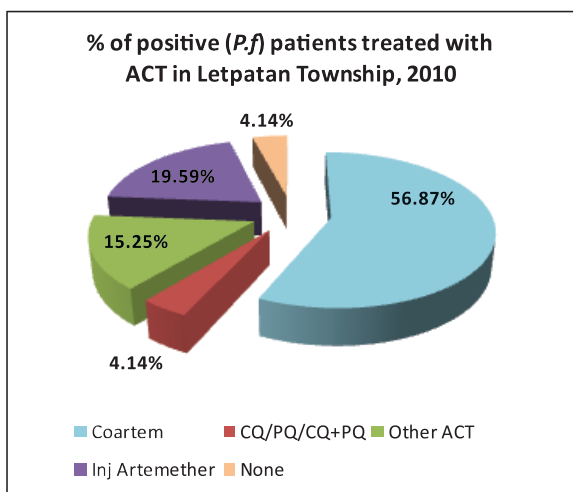
Age and Gender Wise Malaria examined and positive (*P.falciparum*) in Let Pa Dan Township in 2010



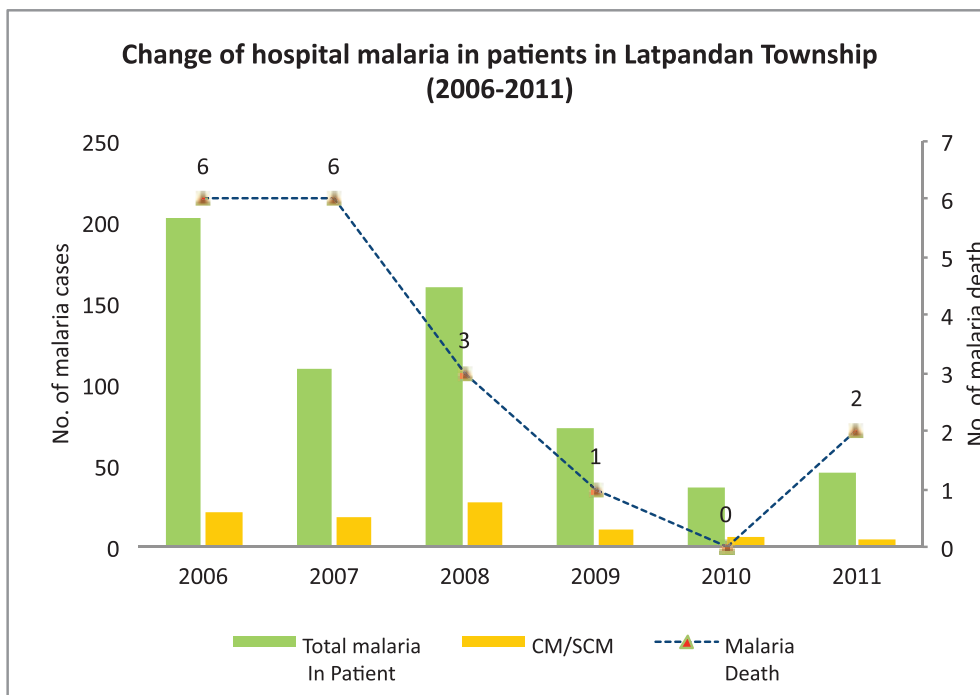
Age group and Gender Wise Malaria examined and Positive (*P.falciparum*) in Let Pa Dan Township in 2011



Percentage of Postitivepatients treated with ACT in Letpadan Township in 2010 and 2011



Change of hospital malaria in Patients in Let Pa Dan Township From 2006 – 2011



Sr	Year	Total In Patient	Total malaria In Patient	CM/SCM	Malaria Death	Total Death
1	2006	3847	202	22	6	53
2	2007	3520	109	19	6	34
3	2008	3233	160	28	3	25
4	2009	2500	73	10	1	14
5	2010	2737	36	6	0	12
6	2011	2838	46	5	2	23

Health Profile of Minhla Township



Area and Location*

Area	:	669.02 Km ²
North	:	Okpo
South	:	Lepadan
East	:	Lepadan
West	:	Monyo

Administrative Units*

Wards	:	8
Village tracts	:	55
Villages	:	247

Population (2009)*

Total	:	121507
Urban	:	11563
Rural	:	109944
Male	:	58498
Female	:	63009
Sex Ratio	:	93
<5 Year	:	10024
0-14 Year	:	32823
15-49 Year	:	65491
Population Density	:	181.62/ Km ²

Health Facilities (2009)*

Township Hospital (25) Bedded	:	1
Station Hospital	:	1
Maternal and Child Health Centers	:	1
Rural Health Centers	:	4
Sub Health Centers	:	20

Health Manpower*

	<i>Doctor</i>	<i>Nurse</i>	<i>HA</i>	<i>LHV</i>	<i>PHS I</i>	<i>PHS II</i>	<i>MW</i>
Sanction	7	6	5	5	2	4	29
Appointed	5	6	4	5	2	4	27
Vacant	2	-	1	-	-	-	2
% Vacancy	28.6%	0.0%	20.0%	0.0%	0.0%	0.0%	6.9%

(HA: Health Assistant, LHV: Lady Health Visitor, PHS:Public Health Supervisor , MW: Midwife)

Health Manpower (Volunteer)*

	Category of Volunteer Health Workers		
	CHW	AMW	TTBA
Trained	212	102	63
Functioning	163	82	47
% Functioning	76.9%	80.4%	74.6%

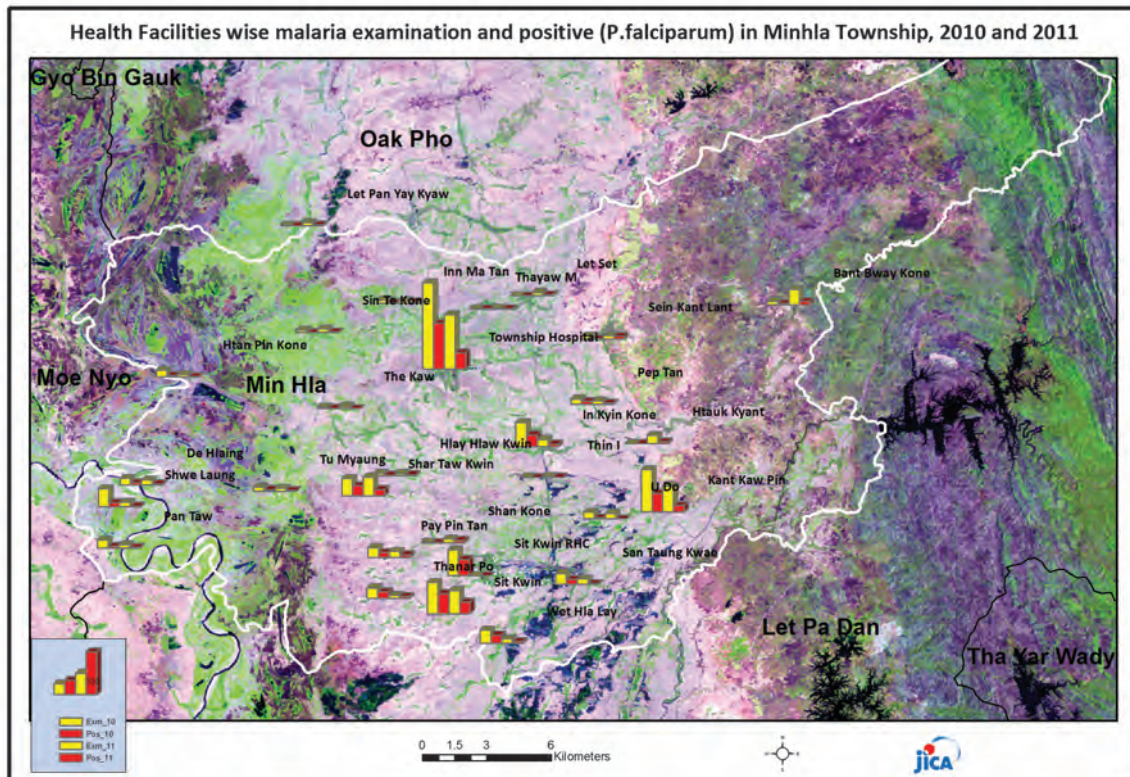
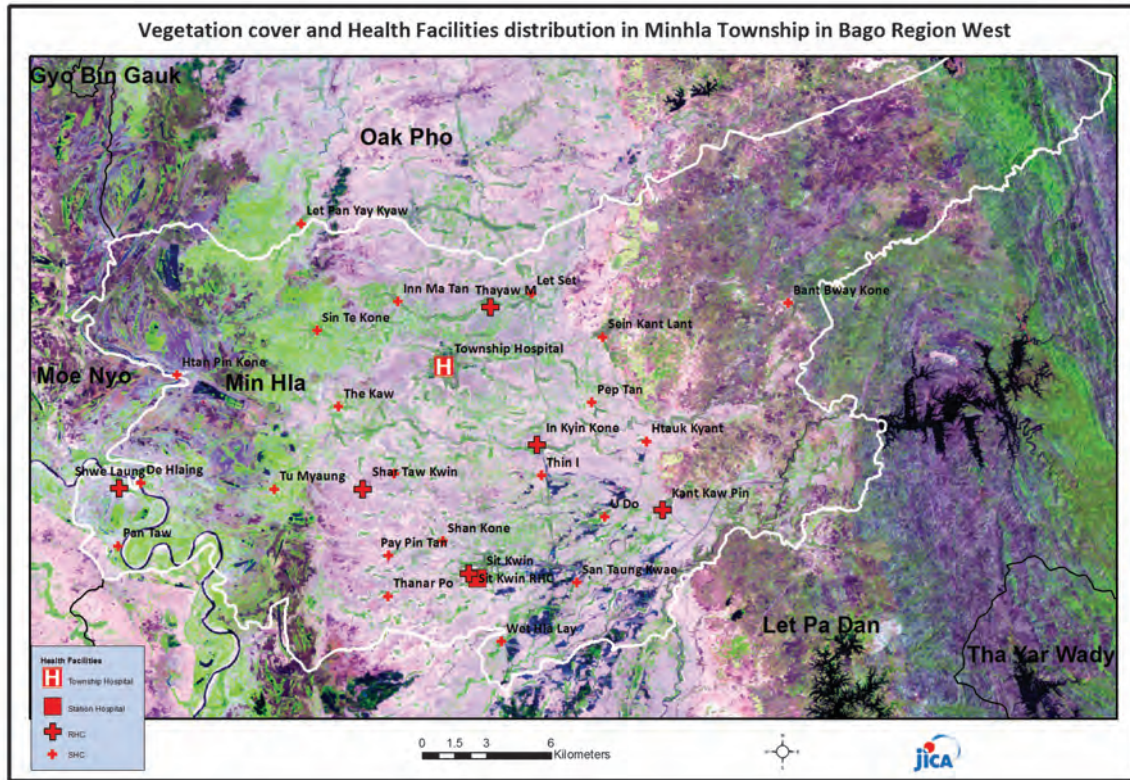
(CHW: Community health Worker, AMW: Auxiliary Mid Wife, TTBA: Trained Traditional Birth Attendant)

Common Diseases under National Surveillance*

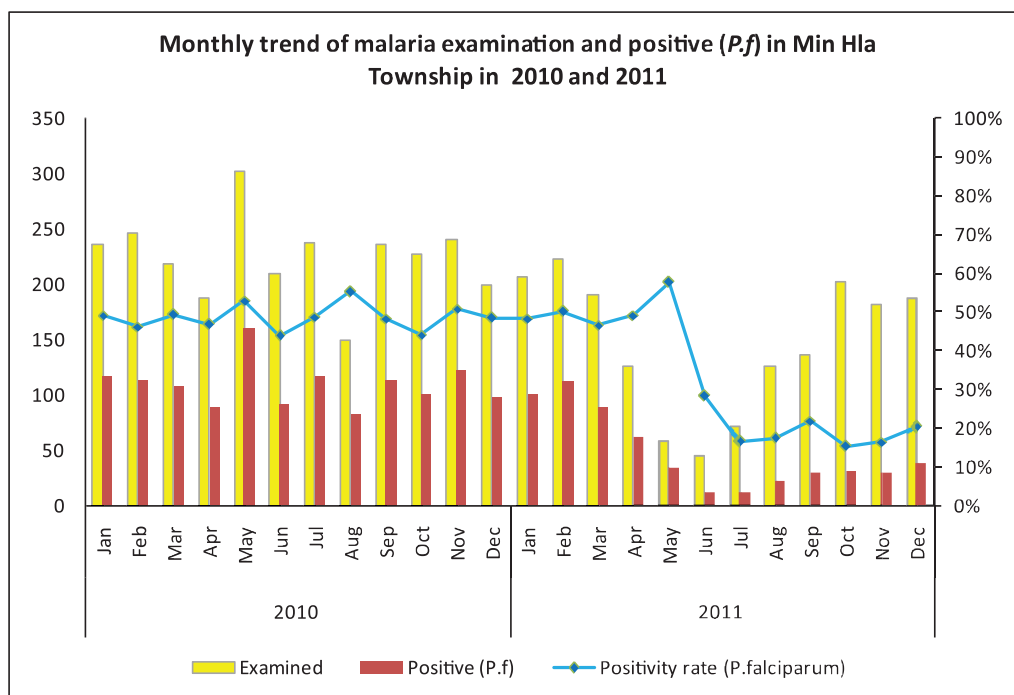
<i>Diseases</i>	<i>Morbidity</i>	<i>Mortality</i>
Malaria	1940.63	0
ARI <5	4399.44	9.98
Diarrhea	339.08	0
Dysentery	195.87	0
TB(Sputum+)	80.65	0
Snake Bite	10.70	0

(Per 100,000 Populations)

*The data source is Health Profile of Bago Region West(2009) From Department of Health Planning.

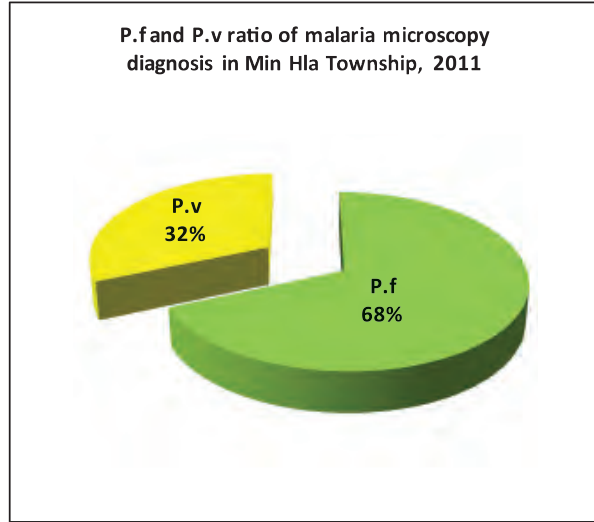
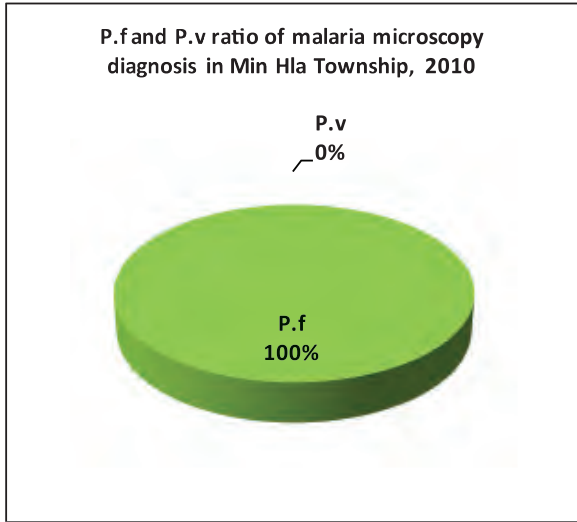


Monthly trend of malaria examined and Positive (*P.f*) in MinHla Township in 2010 and 2011

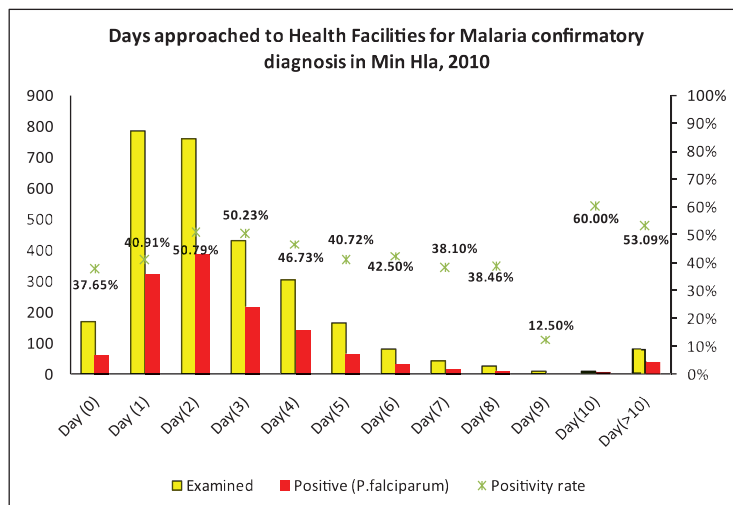
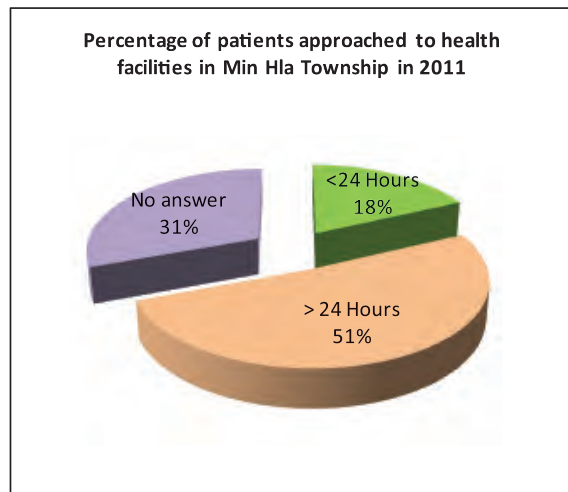
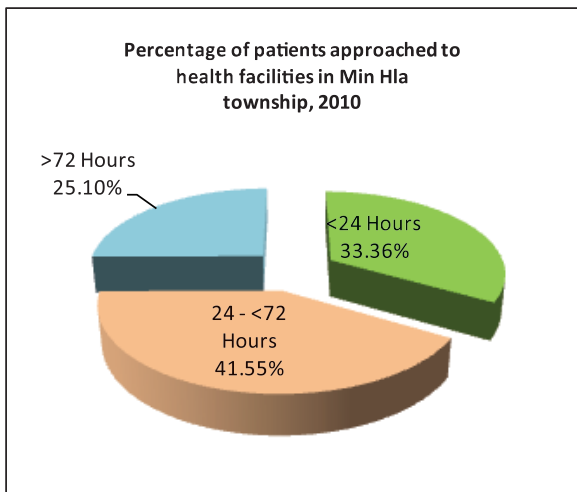


Month	2010			2011		
	Examined	Positive (<i>P.f</i>)	Positivity Rate (<i>P.f</i>)	Examined	Positive (<i>P.f</i>)	Positivity Rate (<i>P.f</i>)
Jan	236	116	49.15%	207	100	48.31%
Feb	247	114	46.15%	223	112	50.22%
Mar	219	108	49.32%	191	89	46.60%
Apr	188	88	46.81%	126	62	49.21%
May	302	160	52.98%	59	34	57.63%
Jun	210	92	43.81%	46	13	28.26%
Jul	238	116	48.74%	72	12	16.67%
Aug	150	83	55.33%	126	22	17.46%
Sep	236	114	48.31%	137	30	21.90%
Oct	227	100	44.05%	203	31	15.27%
Nov	240	122	50.83%	182	30	16.48%
Dec	200	97	48.50%	187	38	20.32%
Total	2,693	1,310	48.64%	1,759	573	32.58%

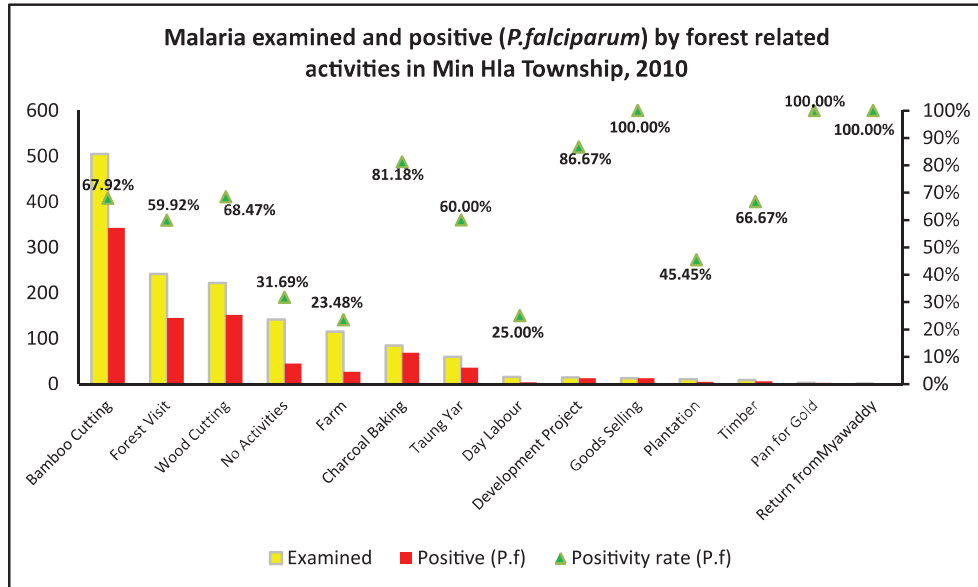
P.f and P.v ratio of microscopy diagnosis in MinHla Township, 2011



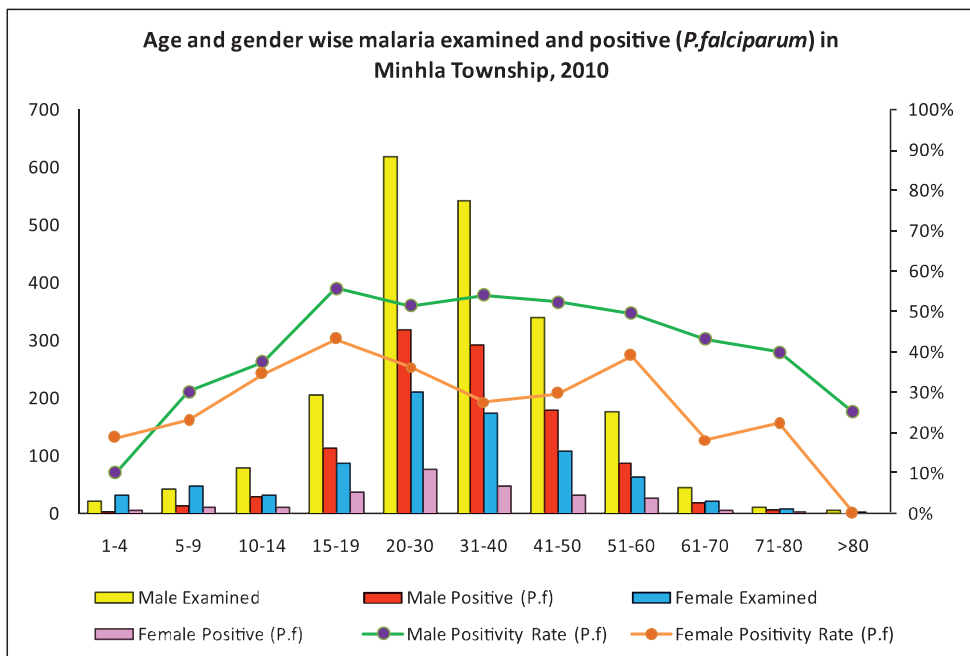
Percentage of Patients approached to health facilities for malaria confirmatory diagnosis in MinHla Township in 2010 and 2011



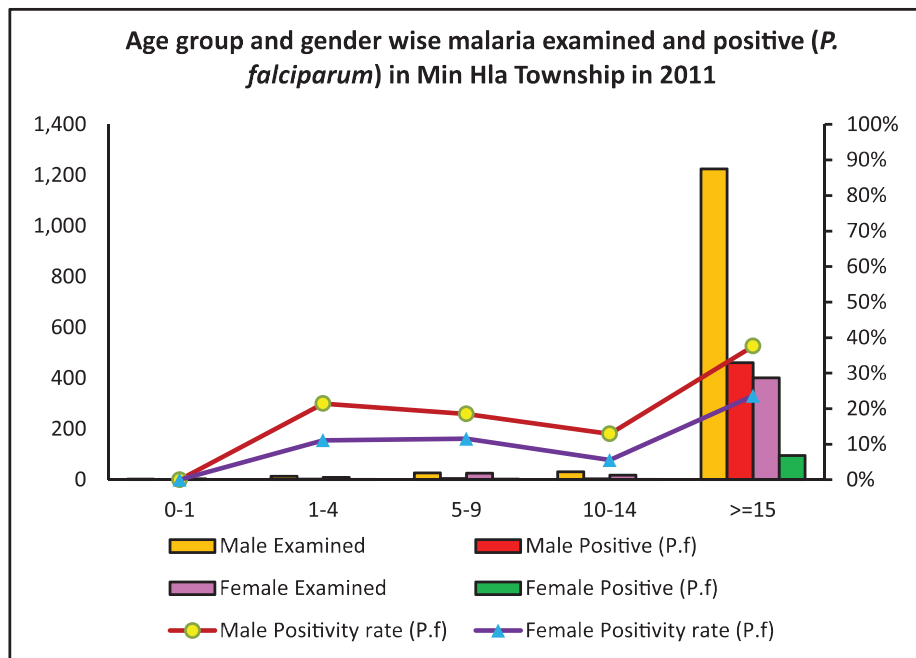
Malaria examined and positive (*P.falciparum*) by forest relates activities in Min Hla Township in 2010



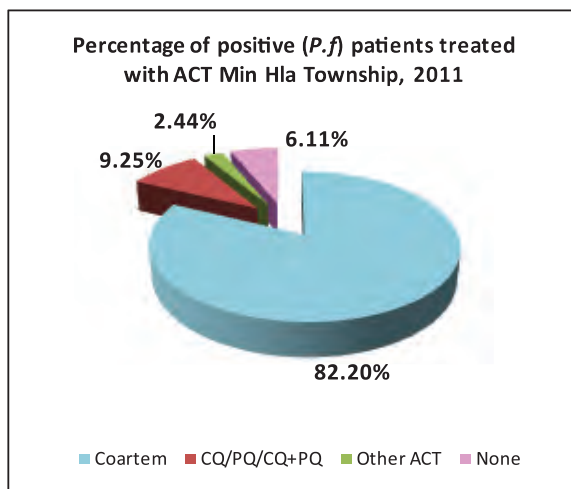
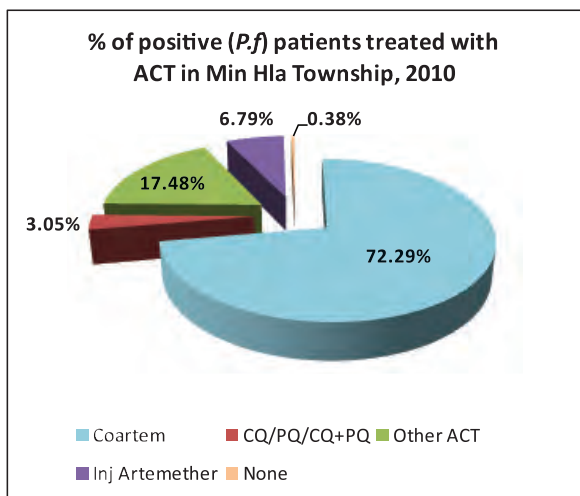
Age and Gender Wise Malaria examined and positive (*P.falciparum*) in Min Hla Township in 2010



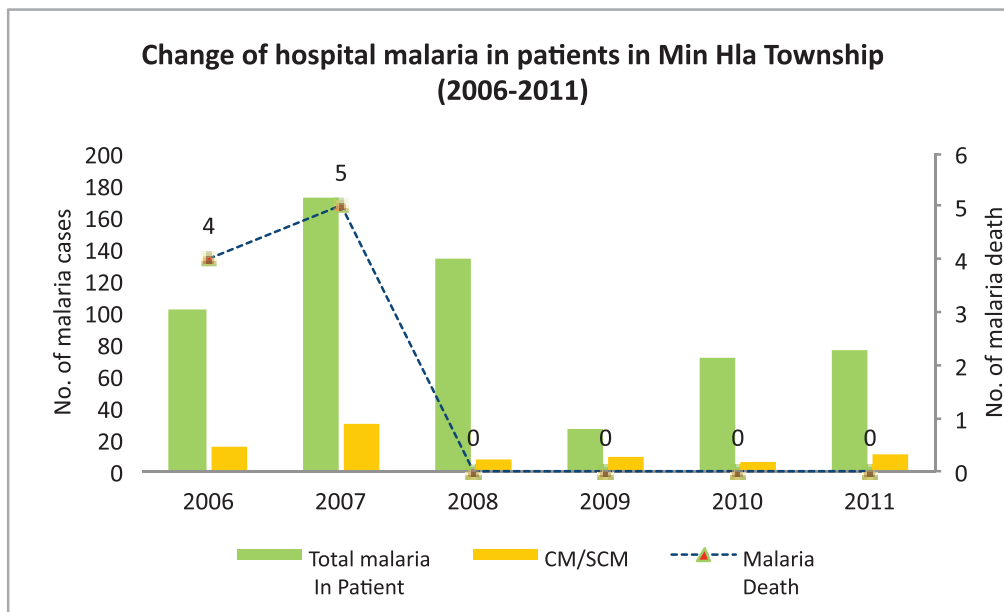
Age group and Gender Wise Malaria examined and positive (*P.falciparum*) in MinHla Township in 2011



Percentage of positive (P.f) patients treated with ACT in Min Hla Township



Change of hospital malaria in patients in MinHla Township from 2006 – 2011



Sr	Year	Total In Patient	Total malaria In Patient	CM/SCM	Malaria Death	Total Death
1	2006	1740	102	15	4	27
2	2007	2305	172	29	5	12
3	2008	1687	133	8	0	5
4	2009	3165	27	9	0	24
5	2010	3994	71	6	0	14
6	2011	4127	76	11	0	7