



## Summary

# of LLINS	Country	Location	When	By whom
20,000	Papua New Guinea	Abau District in the Central Province of PNG	December 2008 to February 2009	Rotary Against Malaria and Partners

## Further Information

1. Please describe the specific **locations & villages** to receive nets and the number to each? Please provide longitude/latitude information. (Important note: If the distribution is approved, approval will be for the nets to be distribution to these specific locations. Location changes will only be considered, and may be refused, if due to exceptional/unforeseen circumstances.)

The LLINs are destined for all villages in Abau District in the Central Province of Papua New Guinea. A list of Villages is attached.

2. Is this an **urban or rural** area and how many people live in this specific area?

This is a rural province and current projections put the population at approx 46,000. This number is derived from taking the year 2000 census and adding the national average population of 2.7 percent per year. Papua New Guinea has a census every 10 years.

3. Is this a **high risk malaria area**? If yes, why do you designate it as high?

Abau is a coastal district and as such is considered a high risk. Papua New Guinea is malaria endemic with most cases of mortality and morbidity occurring in the coastal areas. Central Province has one of the highest incidences of Malaria in Papua New Guinea.

4. How many **reported cases of malaria and malaria deaths** were there in this area in 2005? If you do not have statistics please make a qualitative comment.

Malaria morbidity and mortality data is attached. Abau had a mass distribution of LLIN's in 2004.

5. Is this distribution of nets **'blanket coverage'** of an area/village or **to a select/vulnerable group**? If the latter, please describe this group.

This distribution is a blanket coverage exercise. We are looking at reaching at least 85 percent of the population with nets supplied by Against Malaria Foundation and will

then try to reach the final 15 percent using Rotary Against Malaria funds. Bearing in mind that PNG's long term malaria strategy is to reach 80 percent of the population before 2015

**6. What is the existing level of ITN use in this area? Are there existing bednet distribution programmes in this area?**

Abau has at least one ITN in each household but the information is a little outdated. Taking into account WHO's current thinking of a lifetime of no more than three years for each LLIN this number may now be much less.

Part of the survey, conducted prior to distribution will ascertain this information.

A good thing is that the people of Abau are still buying a lot of mosquito nets through Rotary Against Malaria and so it looks as though the people of the district are changing their "Hands out" mentality and replacing nets when they are damaged or no longer effective.

**7. Why was the area/villages chosen for bednet distribution and who made this decision? Please provide the name, position and organisation of the person/s making the decision.**

The area was chosen because of its location. It is a coastal district and thus has high malaria incidence but is also reasonably accessible by road from our National Capital. The closeness to Port Moresby (4 hours) allows for easier monitoring and evaluation of the effectiveness of the programme. The decision to choose this village was made by the Rotary Against Malaria committee chaired by Ron Seddon of PO Box 1132, Port Moresby, National Capital District - Phone 3254999.

**8. Have you consulted with the National Malaria Programme in your country about this distribution and what was their response? Please provide the name, position and contact details of the person/s with whom you have liaised.**

The Papua New Guinean National Malaria Programme Manager, Mr Leo Makita of the National Department of Health is a member of the Rotary Against Malaria committee and is thus involved in all decisions relating to Malaria. The National Malaria control office is fully behind the efforts of Rotary Against Malaria and it's many partners (Including AMF) Leo Sora Makita, Principal Advisor, Malaria & Vector borne diseases Department of Health, P.O.Box 807, Waigani, NCD, Papua New Guinea. Tel: 675 3013774, 675 3013819 - Fax: 675 3253523, email: makitals AT global.net.pg

**9. Please describe any pre-distribution activity, in particular how the size of the target group and number of nets required will be ascertained?**

Prior to the arrival of the LLIN's in Papua New Guinea a house to house survey will be conducted to ascertain the exact population. This survey will be carried out by the churches in the district. Survey books have already been produced. The survey books, printed in triplicate, will be

used as follows: 1st copy will be used as a voucher for a villager to collect nets from a central point; the 2nd copy will be used during bed net distribution and allocation and the 3rd copy retained for our records. This is the normal operating procedure for bed net distribution in Papua New Guinea.

**10. Please describe how the bednets will be distributed, by whom, whether distribution will be a focussed effort or part of a combined programme and if there will be an information/education component to the distribution? Please indicate over what time period (typically, the number of days or weeks) the distribution will occur.**

The LLINs will be distributed by church groups in the forty villages in Abau district in a very focused way.

Being as some of the nets will need to be distributed using small dingies we anticipate to have all nets distributed within a 8 to 12 week timeframe working six days each week. (Depending on which church group is involved nets may be delivered on a Saturday or a Sunday). Abau has a high percentage of both Catholics and also Seventh Day Adventists (SDA's).

It is a policy of RAM to distribute the brochure "Treatment and Care of a Long Lasting Mosquito Net" with every mosquito net. This is a brochure produced by the Malaria Section in the National Department of Health. There is a fairly high literacy rate in Abau District so most people can read in at least one of the three languages. In addition to the brochure there is instructions on the care and use of the net on each net packaging. TV advertising also shows the people how the net should be used.

**11. What post-distribution follow-up is planned to assess the level of usage (hang-up percentage) of the nets? How long after the distribution will this assessment take place? Will you provide us with the findings? What will you be able to do subsequently to increase net hang-up if relevant?**

RAM will conduct regular follow-ups with the various church groups. Everyone in Abau District is familiar with the use of mosquito nets so we do not anticipate any failure on the part of the villagers to use the nets upon receipt. Once again using church groups and other volunteers (University Students) to carry out selected follow-up on the distribution of the nets. This will consist of randomly choosing households in each village and recording the use of the bed nets. We will also conduct monitoring and evaluation exercises in the villages.

Part of the initial survey also includes a question of whether anyone in the household had Malaria last night. We already have baseline numbers for Abau District and these will be used to monitor the morbidity and mortality of the disease in Abau District. The information collected will be provided to the NDOH and can also be provided to AMF. If we identify dwellings that are not using the bed nets at night we will ensure that there is a follow-up visit from one of our many partners and additional guidance provided.

**12. Please give the name and contact information for the (government) head of the district health management team for the/each area. Please ensure you include contact information.**

The District Disease Control Officer for Abau District is Mr. Martin Wamala. He can be contacted on ph. no.: 329 2088.(No Email)

**13. Please confirm the nets will be distributed free-to-recipients, a requirement for us to fund nets.**

The nets will be distributed free of all costs to all villages in Abau District.

**14. Please confirm you will send us, post-distribution, at least 40 digital photos per sub-location, taken at the distribution/s, to be added to our website as we report on the distribution to donors.\***

We will endeavour to send you as many digital photographs showing the distribution and use of the nets during distribution as possible. If we can get pictures of every village receiving nets we will do so.

Being as distribution will be taking place simultaneously in more than one area we are unable to promise that photographs will be taken in every village but we will try.

**15. Please indicate if you will be able to provide video footage from each sub-location. This is not mandatory but is preferred and aids reporting to donors and encourages further donor giving.\***

We will have footage of the bed net distribution and will produce a DVD. We will try to get the Deputy Prime Minister and member for Abau district to do the launch for us.

**16. Please confirm you will send a Post-Distribution Summary when the distribution is complete.\***

We will compile a report including a Post Distribution Summary and in it will highlight the challenges and successes of the distribution programme. This will also include pictures.

**17. Please provide your name, role and organisation and full contact information.**

My Name is Ron Seddon, I am chair of Rotary Against Malaria, PO Box 3686, Boroko, National Capital District, Papua New Guinea. My telephone number is +675 3254999 (GMT plus 9 or 10 hours) mobile +675 686 1955 (Not always available to talk in the evening) my preferred method of contact is email as all communications are expensive in Papua New Guinea including charges for incoming calls to mobile telephones.

\*Information on providing photos, video and a Post-distribution Summary is included in the attached document.

# Rotary Against Malaria

## Adopt A Village Statistics and Cost

Province: Central Province  
District: Abau District

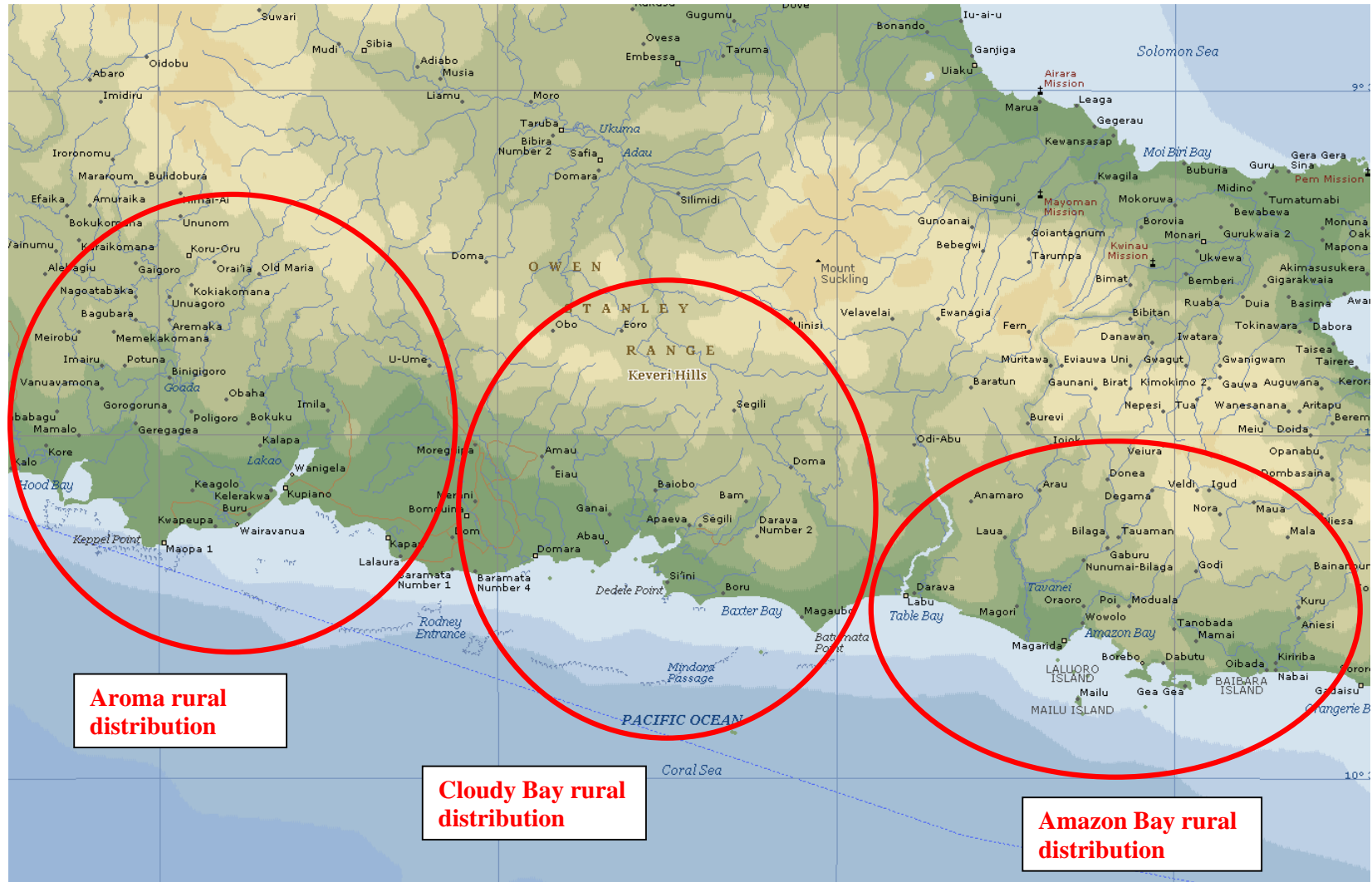
	Population 2000	Population 2008	Nets Req'd 2008	Bales
<b>Papua New Guinea</b>	<b>5,190,786</b>			
<b>CENTRAL</b>	<b>183,983</b>	<b>220,780</b>	<b>110,390</b>	<b>1,104</b>
<b>ABAU</b>	<b>33,337</b>	<b>40,004</b>	<b>20,002</b>	<b>200</b>

made up of:

<b>AMAZON BAY RURAL</b>	<b>8,099</b>	<b>9,719</b>	<b>4,859</b>	<b>49</b>
1 ALOKE \ NONOU	535	642	321	3
2 DAENA \ WARUMANA	831	997	499	5
3 MALAORO \ KENENE	327	392	196	2
4 DORIO \ BUA	348	418	209	2
5 DAGAEA ORO \ ABATI	771	925	463	5
6 DANAVA \ GIOSEORO	1,288	1,546	773	8
7 BARAUORO	1,308	1,570	785	8
8 ADE \ EBU	834	1,001	500	5
9 LAUNOGA	756	907	454	5
10 BANAORO	531	637	319	3
11 LOSOA \ BOGIA	570	684	342	3
<b>AROMA RURAL</b>	<b>15,636</b>	<b>18,763</b>	<b>9,382</b>	<b>94</b>
12 PARAMANA	835	1,002	501	5
13 PELAGAI	822	986	493	5
14 MAOPA	1,920	2,304	1,152	12
15 GAIVAKALANA	1,106	1,327	664	7
16 WARO \ IRUONE	758	910	455	5
17 KELEKAPANA	1,190	1,428	714	7
18 BUKUKU	433	520	260	3
19 UPULIMA	1,107	1,328	664	7
20 WAIORI	2,005	2,406	1,203	12
21 GAVUONE	2,507	3,008	1,504	15
22 KAPARI	1,603	1,924	962	10
23 LALAUORA	475	570	285	3
24 KUPIANO URBAN	875	1,050	525	5
<b>CLOUDY BAY RURAL</b>	<b>9,602</b>	<b>11,522</b>	<b>5,761</b>	<b>58</b>
25 BORU	996	1,195	598	6
26 DOMA	528	634	317	3
27 ROBINSON RIVER	164	197	98	1
28 SI ' INI	315	378	189	2
29 DURAMU	348	418	209	2
30 GANAI	575	690	345	3
31 AMAU	597	716	358	4
32 IANU	1,286	1,543	772	8
33 DOMARA	1,163	1,396	698	7
34 BARAMATA	619	743	371	4
35 TUTUBU	266	319	160	2
36 MERANI	1,032	1,238	619	6
37 MANABO	640	768	384	4
38 DOM	354	425	212	2
39 MOREGUINA URBAN	719	863	431	4

# PAPUA NEW GUINEA

Against Malaria Foundation/Rotary 20,000 LLIN distribution – Dec 2008 to Feb 2009



MALARIA CASES FOR YEAR 2007

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
MIDDLE FLY	7577	372	7949	14	24	38	0	2	2
NORTH FLY	15362	1300	16662	24	92	116	0	3	3
SOUTH FLY	8776	531	9307	20	22	42	0	2	2
<b>WESTERN PROVINCE</b>	<b>31715</b>	<b>2203</b>	<b>33918</b>	<b>58</b>	<b>138</b>	<b>196</b>	<b>0</b>	<b>7</b>	<b>7</b>
KEREMA	7763	307	8070	5	34	39	0	1	1
KIKORI	11638	501	12139	49	40	89	0	1	1
<b>GULF PROVINCE</b>	<b>19401</b>	<b>808</b>	<b>20209</b>	<b>54</b>	<b>74</b>	<b>128</b>	<b>0</b>	<b>2</b>	<b>2</b>
ABAU	2756	104	2860	1	29	30	0	2	2
GOILALA	690	12	702	5	2	7	0	0	0
KAIRUKU-HIRI	9502	425	9927	15	151	166	0	0	0
RIGO	1881	131	2012	1	11	12	0	0	0
<b>CENTRAL PROVINCE</b>	<b>14829</b>	<b>672</b>	<b>15501</b>	<b>22</b>	<b>193</b>	<b>215</b>	<b>0</b>	<b>2</b>	<b>2</b>
MORESBY NORTH EAST	11745	481	12226	0	98	98	0	4	4
MORESBY NORTH WEST	13204	389	13593	0	0	0	0	0	0
MORESBY SOUTH	11598	661	12259	0	0	0	0	0	0
<b>NATIONAL CAPITAL DISTRICT</b>	<b>36547</b>	<b>1531</b>	<b>38078</b>	<b>0</b>	<b>98</b>	<b>98</b>	<b>0</b>	<b>4</b>	<b>4</b>
ALOTAU	22291	1350	23641	54	242	296	0	1	1
ESA'ALA	10653	488	11141	25	118	143	0	3	3
KIRIWINA-GOODENOUGH	13767	786	14553	41	218	259	0	5	5
SAMARAI-MURUA	7701	258	7959	10	133	143	0	2	2
<b>MILNE BAY PROVINCE</b>	<b>54412</b>	<b>2882</b>	<b>57294</b>	<b>130</b>	<b>711</b>	<b>841</b>	<b>0</b>	<b>11</b>	<b>11</b>
IJIVITARI	19602	842	20444	95	152	247	1	5	6
SOHE	14508	337	14845	62	69	131	2	4	6
<b>NORTHERN PROVINCE</b>	<b>34110</b>	<b>1179</b>	<b>35289</b>	<b>157</b>	<b>221</b>	<b>378</b>	<b>3</b>	<b>9</b>	<b>12</b>
IALIBU-PANGIA	4707	393	5100	44	26	70	0	4	4
IMBONGGU	4432	300	4732	13	17	30	0	0	0
KAGUA-ERAVE	7968	321	8289	29	17	46	0	3	3
KOMO-MARGARIMA	5172	480	5652	65	56	121	0	2	2
KOROBA-LAKE KOPIAGO	7472	695	8167	111	49	160	0	3	3
MENDI	2518	84	2602	40	93	133	0	1	1
NIPA-KUTUBU	10002	745	10747	85	212	297	0	3	3
TARI	6691	1436	8127	175	85	260	1	6	7
<b>SOUTHERN HIGHLANDS PROVINCE</b>	<b>48962</b>	<b>4454</b>	<b>53416</b>	<b>562</b>	<b>555</b>	<b>1117</b>	<b>1</b>	<b>22</b>	<b>23</b>
KANDEP	297	1	296	0	2	2	0	1	1
KOMPIAM-AMBUM	1393	90	1483	20	3	23	0	0	0
LAIGAIP-PORGERA	2694	134	2828	9	24	33	0	0	0
WABAG	1874	80	1954	0	6	6	0	0	0
WAPENAMANDA	1203	165	1368	22	7	29	0	0	0
<b>ENGA PROVINCE</b>	<b>7461</b>	<b>470</b>	<b>7929</b>	<b>51</b>	<b>42</b>	<b>93</b>	<b>0</b>	<b>1</b>	<b>1</b>
ANGLIMP-SOUTH WAHGI	7474	995	8469	78	81	159	1	0	1
BAIYER-MUL	2829	186	3015	92	73	165	0	0	0
DEI	3782	327	4109	7	73	80	0	0	0
HAGEN	8578	980	9558	0	67	67	0	2	2
JIMI	4030	195	4225	10	50	60	0	4	4
NORTH WAHGI	2496	226	2722	23	39	62	0	1	1
TAMBUL-NEBILYER	3056	96	3152	9	13	2	0	0	0
<b>WESTERN HIGHLANDS PROVINCE</b>	<b>32245</b>	<b>3005</b>	<b>35250</b>	<b>219</b>	<b>396</b>	<b>595</b>	<b>1</b>	<b>7</b>	<b>8</b>
CHUAVE	339	10	349	7	9	16	0	0	0
GUMINE	346	17	363	4	8	12	0	1	1
KARAMUI-NOMANE	191	24	215	0	3	3	0	0	0
KEROWAGI	1019	104	1123	15	28	43	0	1	1
KUNDIAWA	228	6	234	2	7	9	0	0	0
SINASINA-YONGGAMUGL	134	22	156	1	3	4	0	0	0
<b>CHIMBU PROVINCE</b>	<b>2257</b>	<b>183</b>	<b>2440</b>	<b>29</b>	<b>58</b>	<b>87</b>	<b>0</b>	<b>2</b>	<b>2</b>

MALARIA CASES FOR YEAR 2007

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
DAULO	5372	97	5469	11	5	16	0	1	1
GOROKA	11179	908	12087	39	17	56	0	3	3
HENGANOFI	7037	218	7255	13	76	89	1	3	4
KAINANTU	1299	39	1338	18	37	55	0	1	1
LUFA	15772	181	15953	12	185	197	1	5	6
OBURA-WONENARA	10405	436	10841	40	105	145	1	1	2
UNGGAI-BENA	1583	40	1623	2	10	12	0	0	0
<b>EASTERN HIGHLANDS PROVINCE</b>	<b>52647</b>	<b>1919</b>	<b>54566</b>	<b>135</b>	<b>435</b>	<b>570</b>	<b>3</b>	<b>14</b>	<b>17</b>
BULOLO	11147	749	11896	14	75	89	0	9	9
FINSCHAFEN	6126	307	6433	53	70	123	0	1	1
HUON-GULF	5666	100	5766	2	17	19	0	1	1
KABWUM	1999	64	2063	13	31	44	0	1	1
LAE	52945	4129	57074	8	234	242	1	14	15
MARKHAM	8771	164	8935	51	214	265	0	3	3
MENYAMYA	8585	289	8874	5	38	43	0	5	5
NAWAE	2841	82	2923	2	17	19	0	1	1
TEWAI-SIASSI	9505	204	9709	26	95	121	0	4	4
<b>MOROBE PROVINCE</b>	<b>107585</b>	<b>6088</b>	<b>113673</b>	<b>174</b>	<b>791</b>	<b>965</b>	<b>1</b>	<b>39</b>	<b>40</b>
BOGIA	5429	185	5614	25	68	93	0	3	3
MADANG	10836	828	11664	54	138	192	0	3	3
MIDDLE-RAMU	3932	188	4120	4	25	29	0	2	2
RAI COAST	3416	104	3520	3	28	31	0	1	1
SUMKAR	10965	439	11404	41	259	300	0	3	3
USINO-BUNDI	7088	182	7270	5	48	53	0	0	0
<b>MADANG PROVINCE</b>	<b>41666</b>	<b>1926</b>	<b>43592</b>	<b>132</b>	<b>566</b>	<b>698</b>	<b>0</b>	<b>12</b>	<b>12</b>
AMBUNTI-DREKIRKIR	9925	327	10252	27	37	64	1	0	1
ANGORAM	10863	1218	12081	37	107	144	0	5	5
MAPRIK	22560	652	23212	7	162	169	0	6	6
WEWAK	15664	781	16445	17	367	384	0	5	5
WOSERA-GAWI	12416	220	12636	11	37	48	0	1	1
YANGORU-SAUSSIA	75484	3377	78861	109	721	830	1	17	18
<b>EAST SEPIK PROVINCE</b>	<b>146912</b>	<b>6575</b>	<b>153487</b>	<b>208</b>	<b>1431</b>	<b>1639</b>	<b>2</b>	<b>34</b>	<b>36</b>
AITAPE-LUMI	6752	362	7114	88	86	174	1	4	5
NUKU	13400	392	13792	8	61	69	0	6	6
TELEFOMIN	8011	383	8394	28	48	76	1	4	5
VANIMO-GREEN RIVER	22991	429	23420	5	164	169	0	5	5
<b>WEST SEPIK PROVINCE</b>	<b>51154</b>	<b>1566</b>	<b>52720</b>	<b>129</b>	<b>359</b>	<b>488</b>	<b>2</b>	<b>19</b>	<b>21</b>
KAVIENG	9717	477	10194	35	152	187	0	5	5
NAMATANAI	23818	2313	26131	73	385	458	0	6	6
<b>NEW IRELAND PROVINCE</b>	<b>33535</b>	<b>2790</b>	<b>36325</b>	<b>108</b>	<b>537</b>	<b>645</b>	<b>0</b>	<b>11</b>	<b>11</b>
GAZELLE	17450	982	18432	154	351	505	0	2	2
KOKOPO	16735	2182	18917	33	271	304	0	6	6
RBAUL	13393	1011	14404	77	131	208	0	0	0
<b>EAST NEW BRITAIN PROVINCE</b>	<b>47578</b>	<b>4175</b>	<b>51753</b>	<b>264</b>	<b>753</b>	<b>1017</b>	<b>0</b>	<b>8</b>	<b>8</b>
KANDRIAN-GLOUCESTER	11678	379	12057	62	108	170	1	3	4
TALASEA	20313	1372	21685	211	227	438	0	4	4
<b>WEST NEW BRITAIN PROVINCE</b>	<b>31991</b>	<b>1751</b>	<b>33742</b>	<b>273</b>	<b>335</b>	<b>608</b>	<b>1</b>	<b>7</b>	<b>8</b>
LORENGAU	14589	593	15182	36	152	188	0	9	9
<b>MANUS PROVINCE</b>	<b>14589</b>	<b>593</b>	<b>15182</b>	<b>36</b>	<b>152</b>	<b>188</b>	<b>0</b>	<b>9</b>	<b>9</b>
KIETA	3132	78	3210	54	23	77	0	0	0
BUKAM - NORTH	9000	597	9597	42	94	136	0	2	2
BUIN - SOUTH	5924	168	6092	159	179	338	0	2	2
<b>AUTONOMOUS REGION OF BOUGAINVILLE</b>	<b>18056</b>	<b>843</b>	<b>18899</b>	<b>255</b>	<b>296</b>	<b>551</b>	<b>0</b>	<b>4</b>	<b>4</b>



MALARIA CASES FOR YEAR 2006

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
MIDDLE FLY	17134	740	17874	37	38	75	1	1	2
NORTH FLY	29647	1816	31463	52	141	193	0	3	3
SOUTH FLY	24680	667	25347	28	77	105	2	2	4
<b>WESTERN PROVINCE</b>	<b>71461</b>	<b>3223</b>	<b>74684</b>	<b>117</b>	<b>256</b>	<b>373</b>	<b>3</b>	<b>6</b>	<b>9</b>
KEREMA	36172	1218	37390	45	196	241	0	8	8
KIKORI	20742	870	21612	240	30	270	1	5	6
<b>GULF PROVINCE</b>	<b>56914</b>	<b>2088</b>	<b>59002</b>	<b>285</b>	<b>226</b>	<b>511</b>	<b>1</b>	<b>13</b>	<b>14</b>
ABAU	10277	776	11053	8	54	62	0	4	4
GOILALA	4313	159	4472	13	29	42	0	1	1
KAIRUKU - HIRI	40908	1514	42422	101	784	885	0	5	5
RIGO	8942	571	9513	5	47	52	0	0	0
<b>CENTRAL PROVINCE</b>	<b>64440</b>	<b>3020</b>	<b>67460</b>	<b>127</b>	<b>914</b>	<b>1041</b>	<b>0</b>	<b>10</b>	<b>10</b>
MORESBY NORTH EAST	20792	1087	21879	73	487	560	4	29	33
MORESBY NORTH WEST	21648	654	22303	0	0	0	0	0	0
MORESBY SOUTH	16860	879	17739	0	0	0	0	0	0
<b>NATIONAL CAPITAL DISTRICT</b>	<b>59300</b>	<b>2620</b>	<b>61921</b>	<b>73</b>	<b>487</b>	<b>560</b>	<b>4</b>	<b>29</b>	<b>33</b>
ALOTAU	40570	2363	42933	78	332	410	0	10	10
ESA'ALA	13792	504	14296	30	85	115	0	6	6
KIRIWINA - GOODENOUGH	16482	641	17123	30	229	259	0	3	3
SAMARAI - MURUA	17456	717	18173	45	298	343	0	5	5
<b>MILNE BAY PROVINCE</b>	<b>88300</b>	<b>4225</b>	<b>92525</b>	<b>183</b>	<b>944</b>	<b>1127</b>	<b>0</b>	<b>24</b>	<b>24</b>
IJIVITARI	22650	954	23604	166	255	421	0	10	10
SOHE	21020	508	21528	61	130	191	0	5	5
<b>NORTHERN PROVINCE</b>	<b>43670</b>	<b>1462</b>	<b>45132</b>	<b>227</b>	<b>385</b>	<b>612</b>	<b>0</b>	<b>15</b>	<b>15</b>
IALIBU - PANGIA	9586	849	10435	106	74	180	1	8	9
IMBONGU	4673	152	4825	5	35	40	0	1	1
KAGUA - ERAVE	17402	1139	18541	165	129	294	0	1	1
KOMO - MARGARIMA	13723	2208	15931	268	105	373	1	5	6
KOROBA - LAKE KOPIAGO	7347	739	8086	209	131	340	0	5	5
MENDI	5261	363	5624	48	306	354	1	8	9
NIPA - KUTUBU	13587	1520	15107	171	222	393	2	8	10
TARI	20524	4194	24718	538	327	865	6	10	16
<b>SOUTHERN HIGHLANDS PROVINCE</b>	<b>92103</b>	<b>11164</b>	<b>103267</b>	<b>1510</b>	<b>1329</b>	<b>2839</b>	<b>11</b>	<b>46</b>	<b>57</b>
KANDEP	672	12	684	1	4	5	1	0	1
KOMPIAM - AMBUM	3286	249	3535	63	31	94	0	0	0
LAIGAIP - PORGERA	5868	220	6088	70	30	100	0	1	1
WABAG	4602	294	4896	37	3	40	0	0	0
WAPENAMANDA	4736	420	5156	73	31	104	0	2	2
<b>ENGA PROVINCE</b>	<b>19164</b>	<b>1195</b>	<b>20359</b>	<b>244</b>	<b>99</b>	<b>343</b>	<b>1</b>	<b>3</b>	<b>4</b>
ANGALIMP - SOUTH WAHGI	24813	4568	29381	411	619	1030	9	5	14
BAIYER - MUL	6166	783	6949	144	109	253	1	2	3
DEI	9451	607	10058	38	132	170	0	3	3
HAGEN	23385	2385	25770	35	396	431	0	25	25
JIMI	9354	287	9641	43	94	137	0	2	2
NORTH WAHGI	10444	3048	13492	35	133	168	0	1	1
TAMBUL - NEBILYER	5607	215	5822	52	32	84	0	0	0
<b>WESTERN HIGHLANDS PROVINCE</b>	<b>89220</b>	<b>11893</b>	<b>101113</b>	<b>758</b>	<b>1515</b>	<b>2273</b>	<b>10</b>	<b>38</b>	<b>48</b>
CHUAVE	6051	247	6298	62	109	171	0	0	0
GUMINE	3722	320	4042	86	127	213	0	0	0
KARIMUI - NOMANE	5594	356	5950	51	37	88	3	2	5
KEROWAGI	11713	1933	13646	274	262	536	0	5	5
SINASINA - YONGGAMUGL	2486	246	2732	20	42	62	0	1	1
<b>CHIMBU PROVINCE</b>	<b>29566</b>	<b>3102</b>	<b>32668</b>	<b>493</b>	<b>577</b>	<b>1070</b>	<b>3</b>	<b>8</b>	<b>11</b>

MALARIA CASES FOR YEAR 2006

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
DAULO	4633	158	4791	3	31	34	0	0	0
GOROKA	8981	459	9440	386	118	504	10	16	26
HENGANOFI	5243	136	5379	6	66	72	0	3	3
KAINANTU	3284	139	3423	53	40	93	0	0	0
LUFA	6413	188	6601	18	125	143	0	1	1
OBURA - WONENARA	8727	602	9329	26	88	114	0	6	6
OKAPA	5773	354	6127	11	17	28	0	0	0
UNGGAI - BENA	1332	4	1336	4	6	10	0	0	0
<b>EASTERN HIGHLANDS PROVINCE</b>	<b>44386</b>	<b>2040</b>	<b>46426</b>	<b>507</b>	<b>491</b>	<b>998</b>	<b>10</b>	<b>26</b>	<b>36</b>
BULOLO	15397	1028	16425	24	155	179	0	11	11
FINSCHAFEN	7345	475	7820	90	95	185	0	7	7
HUON - GULF	9492	174	9666	2	50	52	1	8	9
KABWUM	4410	122	4532	15	83	98	0	5	5
LAE	89951	7455	97406	41	673	714	4	84	88
MARKHAM	12606	398	13004	31	347	378	0	8	8
MENYAMYA	10803	309	11112	14	58	72	0	7	7
NAWAE	5837	76	5913	3	37	40	0	4	4
TEWAI-SIASSI	11117	277	11394	27	153	180	1	6	7
<b>MOROBE PROVINCE</b>	<b>166958</b>	<b>10314</b>	<b>177272</b>	<b>247</b>	<b>1651</b>	<b>1898</b>	<b>6</b>	<b>140</b>	<b>146</b>
BOGIA	29941	1035	30976	141	474	615	1	15	16
MADANG	41757	3222	44979	112	793	905	2	10	12
MIDDLE - RAMU	13537	407	13944	29	72	101	1	2	3
RAI COAST	7777	273	8050	17	64	81	1	3	4
SUMKAR	27794	1014	28808	92	796	888	1	6	7
USINO - BUNDI	19927	678	20605	49	143	192	0	0	0
<b>MADANG PROVINCE</b>	<b>140733</b>	<b>6629</b>	<b>147362</b>	<b>440</b>	<b>2342</b>	<b>2782</b>	<b>6</b>	<b>36</b>	<b>42</b>
AMBUNTI - DREKIRKIR	26771	730	27501	12	46	58	1	3	4
ANGORAM	19107	1736	20843	63	149	212	0	5	5
MAPRIK	45125	1312	46437	22	256	278	0	23	23
WEWAK	25982	1214	27196	17	655	672	0	20	20
WOSERA - GAWI	19499	396	19895	12	86	98	0	0	0
YANGORU - SAUSSIA	7426	232	7658	14	20	34	0	1	1
<b>EAST SEPIK PROVINCE</b>	<b>143910</b>	<b>5620</b>	<b>149530</b>	<b>140</b>	<b>1212</b>	<b>1352</b>	<b>1</b>	<b>52</b>	<b>53</b>
AITAPE - LUMI	19376	1526	20902	340	281	621	4	11	15
NUKU	18435	690	19125	13	85	98	1	5	6
TELEFOMIN	11675	379	12054	23	53	76	0	4	4
VANIMO - GREEN RIVER	36758	923	37681	10	304	314	0	8	8
<b>WEST SEPIK PROVINCE</b>	<b>86244</b>	<b>3518</b>	<b>89762</b>	<b>386</b>	<b>723</b>	<b>1109</b>	<b>5</b>	<b>28</b>	<b>33</b>
KAVIENG	18128	709	18837	75	264	339	0	4	4
NAMATANAI	39078	2917	41995	170	557	727	0	9	9
<b>NEW IRELAND PROVINCE</b>	<b>57206</b>	<b>3626</b>	<b>60832</b>	<b>245</b>	<b>821</b>	<b>1066</b>	<b>0</b>	<b>13</b>	<b>13</b>
GAZELLE	41553	3558	45111	719	966	1685	0	5	5
KOKOPO	31852	3599	35451	30	398	428	1	13	14
RBAUL	18811	1926	20737	32	359	391	0	7	7
<b>EAST NEW BRITAIN PROVINCE</b>	<b>92216</b>	<b>9083</b>	<b>101299</b>	<b>781</b>	<b>1723</b>	<b>2504</b>	<b>1</b>	<b>25</b>	<b>26</b>
KANDRIAN - GLOUCESTOER	27645	1063	28708	229	262	491	0	9	9
TALASEA	71991	5092	77083	570	895	1465	1	18	19
<b>WEST NEW BRITAIN PROVINCE</b>	<b>99636</b>	<b>6155</b>	<b>105791</b>	<b>799</b>	<b>1157</b>	<b>1956</b>	<b>1</b>	<b>27</b>	<b>28</b>
LORENGAU	23600	1329	24929	46	274	320	0	9	9
<b>MANUS PROVINCE</b>	<b>23600</b>	<b>1329</b>	<b>24929</b>	<b>46</b>	<b>274</b>	<b>320</b>	<b>0</b>	<b>9</b>	<b>9</b>
KIETA	13235	581	13816	314	180	494	2	8	10
BUKA - NORTH	38434	1922	40356	265	522	787	8	17	25
BUIN - SOUTH	20229	729	20958	606	841	1447	1	7	8
<b>AUTONOMOUS REGION OF BOUGAINVILLE</b>	<b>71898</b>	<b>3232</b>	<b>75130</b>	<b>1185</b>	<b>1543</b>	<b>2728</b>	<b>11</b>	<b>32</b>	<b>43</b>

MALARIA CASES FOR YEAR 2005

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
MIDDLE FLY	15949	506	16455	22	27	49	0	3	3
NORTH FLY	30016	1412	31428	54	104	158	0	4	4
SOUTH FLY	19412	623	20035	27	77	104	0	6	6
<b>WESTERN PROVINCE</b>	<b>65377</b>	<b>2541</b>	<b>67918</b>	<b>103</b>	<b>208</b>	<b>311</b>	<b>0</b>	<b>13</b>	<b>13</b>
KEREMA	39219	1286	40505	37	114	151	0	8	8
KIKORI	19030	749	19779	245	35	280	0	2	2
<b>GULF PROVINCE</b>	<b>58249</b>	<b>2035</b>	<b>60284</b>	<b>282</b>	<b>149</b>	<b>431</b>	<b>0</b>	<b>10</b>	<b>10</b>
ABAU	13953	1032	14985	33	99	132	0	5	5
GOILALA	4489	151	4640	8	18	26	0	0	0
KAIRUKU - HIRI	40407	1290	41697	102	640	742	0	8	8
RIGO	9857	695	10552	3	73	76	0	4	4
<b>CENTRAL PROVINCE</b>	<b>68706</b>	<b>3168</b>	<b>71874</b>	<b>146</b>	<b>830</b>	<b>976</b>	<b>0</b>	<b>17</b>	<b>17</b>
MORESBY NORTH EAST	18050	821	18871	57	379	436	0	23	23
MORESBY NORTH WEST	14054	466	14520	0	0	0	0	0	0
MORESBY SOUTH	19688	915	20603	5	4	9	0	0	0
<b>NATIONAL CAPITAL DISTRICT</b>	<b>51792</b>	<b>2202</b>	<b>53994</b>	<b>62</b>	<b>383</b>	<b>445</b>	<b>0</b>	<b>23</b>	<b>23</b>
ALOTAU	39311	2124	41435	57	1047	1104	0	7	7
ESA'ALA	17724	718	18442	30	100	130	0	8	8
KIRIWINA - GOODENOUGH	20298	912	21210	40	179	219	0	6	6
SAMARAI - MURUA	19734	724	20458	39	355	394	1	5	6
<b>MILNE BAY PROVINCE</b>	<b>97067</b>	<b>4478</b>	<b>101545</b>	<b>166</b>	<b>1681</b>	<b>1847</b>	<b>1</b>	<b>26</b>	<b>27</b>
IJIVITARI	34218	1403	35621	150	315	465	2	16	18
SOHE	26817	567	27384	78	106	184	0	3	3
<b>NORTHERN PROVINCE</b>	<b>61035</b>	<b>1970</b>	<b>63005</b>	<b>228</b>	<b>421</b>	<b>649</b>	<b>2</b>	<b>19</b>	<b>21</b>
IALIBU - PANGIA	7972	717	8689	145	118	263	0	5	5
IMBONGGU	4058	124	4182	2	67	69	0	0	0
KAGUA - ERAVE	15001	774	15775	98	71	169	0	1	1
KOMOM - MARGARIMA	10975	1778	12753	268	190	458	4	3	7
KOROBA - LAKE KOPIAGO	9234	609	9843	216	114	330	2	2	4
MENDI	7818	927	8745	62	345	407	2	11	13
NIPA - KUTUBU	10791	628	11419	69	127	196	0	5	5
TARI	13582	2088	15608	194	148	342	0	4	4
<b>SOUTHERN HIGHLANDS PROVINCE</b>	<b>79431</b>	<b>7645</b>	<b>87014</b>	<b>1054</b>	<b>1180</b>	<b>2234</b>	<b>8</b>	<b>31</b>	<b>39</b>
KANDEP	495	32	523	1	2	3	0	0	0
KOPIAM - AMBUM	7947	436	8383	155	63	218	0	2	2
LAIGAIP - PROGERA	7655	293	7948	33	53	86	1	1	2
WABAG	4685	511	5196	72	5	77	0	0	0
WAPENAMANDA	7403	529	7932	151	78	229	0	8	8
<b>ENGA PROVINCE</b>	<b>28185</b>	<b>1801</b>	<b>29982</b>	<b>412</b>	<b>201</b>	<b>613</b>	<b>1</b>	<b>11</b>	<b>12</b>
ANGALIMP - SOUTH WAHGI	19516	2412	21928	297	507	804	2	4	6
BAIYER - MUL	9580	740	10320	205	147	352		0	0
DEI	9609	484	10093	53	191	244	0	3	3
HAGEN	34579	4259	38838	25	384	409	2	25	27
JIMI	8963	293	9256	70	73	143	0	6	6
NORTH WAHGI	8571	670	9241	52	302	354	0	0	0
TAMBUL - NEBILYER	8461	307	3768	44	55	99	0	1	1
<b>WESTERN HIGHLANDS</b>	<b>99279</b>	<b>9165</b>	<b>103444</b>	<b>746</b>	<b>1659</b>	<b>2405</b>	<b>4</b>	<b>39</b>	<b>43</b>
CHUAVE	6221	241	6462	75	99	174	0	4	4
GUMINE	3695	239	3934	53	203	256	0	5	5
KARIMUI - NOMANE	9097	498	9595	53	49	102	0	5	5
KEROWAGI	19406	2710	22116	297	408	705	0	7	7
SINASINA - YONGGMAUGL	2708	243	2951	29	41	70	0	1	1
<b>CHIMBU PROVINCE</b>	<b>41127</b>	<b>3931</b>	<b>45058</b>	<b>507</b>	<b>800</b>	<b>1307</b>	<b>0</b>	<b>22</b>	<b>22</b>

MALARIA CASES FOR YEAR 2005

District	OUTPATIENTS			INPATIENTS			DEATHS		
	Simple	TFM	Total	TFM	Severe	Total	TFM	Severe	Total
DAULO	4247	91	4338	1	23	24	0	0	0
GOROKA	9479	366	9845	392	136	528	38	33	71
HENGANOFI	6069	43	6112	15	41	56	1	0	1
KAINANTU	6219	264	6483	59	50	109	2	0	2
LUFA	12670	534	13204	25	141	166	0	1	1
OBURA - WONENARA	13571	843	14414	37	147	184	0	7	7
OKAPA	4540	226	4766	11	30	41	0	2	2
UNGGAI - BENA	1034	16	1050	2	3	5	0	1	1
<b>EASTERN HIGHLANDS PROVINCE</b>	<b>57829</b>	<b>2383</b>	<b>60212</b>	<b>542</b>	<b>571</b>	<b>1113</b>	<b>41</b>	<b>44</b>	<b>85</b>
BULOLO	12162	815	12977	34	95	129	2	5	7
FINSCHAFEN	7295	327	7622	61	57	118	1	4	5
HUON - GULF	10979	166	11145	4	53	57	0	2	2
KABWUM	4738	104	4842	10	65	75	0	6	6
LAE	105818	7440	113258	20	515	535	3	64	67
MARKHAM	12659	337	12996	47	257	304	0	12	12
MENYAMYA	11560	329	11889	5	79	84	1	4	5
NAWAE	4952	108	5060	4	26	30	0	3	3
TEWAE - SIASSI	13604	529	14133	34	210	244	1	10	11
<b>MOROBE PROVINCE</b>	<b>183767</b>	<b>10155</b>	<b>193922</b>	<b>219</b>	<b>1357</b>	<b>1576</b>	<b>8</b>	<b>110</b>	<b>118</b>
BOGIA	30721	972	31693	211	575	786	0	24	24
MADANG	41834	2961	44795	169	771	940	1	14	15
MIDDLE - RAMU	16407	411	16818	39	125	164	0	4	4
RAI COAST	9450	277	9727	15	91	106	1	1	2
SUMKAR	25718	806	26524	101	551	652	0	7	7
USINO - BUNDI	19300	565	19865	41	142	183	0	4	4
<b>MADANG PROVINCE</b>	<b>143430</b>	<b>5992</b>	<b>149422</b>	<b>576</b>	<b>2255</b>	<b>2831</b>	<b>2</b>	<b>54</b>	<b>56</b>
AMBUNTI - DREKIRKIR	26454	882	27336	20	50	70	0	2	2
ANGORAM	22366	2912	25278	55	161	216	1	3	4
MAPRIK	29306	661	29967	32	258	290	1	16	17
WEWAK	22874	950	23824	16	71	87	0	0	0
WOSERA - GAWI	17766	533	18299	17	73	90	0	5	5
YANGORU - SAUSSIA	14099	797	14896	10	45	55	0	1	1
<b>EAST SEPIK PROVINCE</b>	<b>132865</b>	<b>6735</b>	<b>139600</b>	<b>150</b>	<b>658</b>	<b>808</b>	<b>2</b>	<b>27</b>	<b>29</b>
AITAPE - LUMI	25304	2188	27492	325	313	638	6	13	19
NUKU	21352	976	22328	53	119	172	0	8	8
TELEFOMIN	11211	262	11473	34	34	68	0	1	1
VANIMO - GREEN RIVER	32641	919	33560	3	242	245	0	6	6
<b>WEST SEPIK PROVINCE</b>	<b>90508</b>	<b>4345</b>	<b>94853</b>	<b>415</b>	<b>708</b>	<b>1123</b>	<b>6</b>	<b>28</b>	<b>34</b>
KAVIENG	19616	1122	20738	186	238	424	2	6	8
NAMANTANAI	43571	2941	46512	198	614	812	0	11	11
<b>NEW IRELAND PROVINCE</b>	<b>63187</b>	<b>4063</b>	<b>67250</b>	<b>384</b>	<b>852</b>	<b>1236</b>	<b>2</b>	<b>17</b>	<b>19</b>
GAZELLE	33745	2545	36290	291	642	933	0	4	4
KOKOPO	30181	3954	34135	50	709	759	1	11	12
RABAU	19357	1727	21084	10	345	355	0	3	3
<b>EAST NEW BRITAIN PROVINCE</b>	<b>83283</b>	<b>8226</b>	<b>91509</b>	<b>351</b>	<b>1696</b>	<b>2047</b>	<b>1</b>	<b>18</b>	<b>19</b>
KANDRIAN - GLOUCESTER	39114	1551	40665	318	297	615	3	11	14
TALASEA	98440	6693	105133	755	1294	2049	2	46	48
<b>WEST NEW BRITAIN PROVINCE</b>	<b>137554</b>	<b>8244</b>	<b>145798</b>	<b>1073</b>	<b>1591</b>	<b>2664</b>	<b>5</b>	<b>57</b>	<b>62</b>
LORENGAU	21498	1086	22584	29	252	281	0	14	14
<b>MANUS PROVINCE</b>	<b>21498</b>	<b>1086</b>	<b>22584</b>	<b>29</b>	<b>252</b>	<b>281</b>	<b>0</b>	<b>14</b>	<b>14</b>
KIETA	16882	789	17671	289	280	569	4	13	17
BUKA - NORTH	45529	2519	48048	351	470	821	0	22	22
BUIN - SOUTH	24055	946	25001	741	1120	1861	0	11	11
<b>AUTONOMOUS REGION OF BOUGAINVILLE</b>	<b>86466</b>	<b>4254</b>	<b>90720</b>	<b>1381</b>	<b>1870</b>	<b>3251</b>	<b>4</b>	<b>46</b>	<b>50</b>