

**Field Level Skill Assessment of Mitanin CHWs  
in Testing and Treatment  
For  
Malaria**

**December 2016**

**Assessment by  
State Health Resource Centre  
for  
State Vector Borne Disease Cell  
Department of Health and Family Welfare  
Chhattisgarh**

**Introduction:** Mitanins in the state have been trained to detect malaria in fever cases using RD test kits. They have also been trained to provide treatment for malaria using ACT and Chloroquine. The focus of training so far has been on tribal blocks with high malaria burden. There was a need to assess their skills again, this time in field situation.

**Methods:** State and District Trainers visited a sample of CHWs and assessed their skills in testing and treatment for malaria. The sample of 700 CHWs has been drawn from 69 blocks with high malaria incidence across 18 districts. A structured checklist was used to assess the skill. In order to qualify the skill test, a Mitanin has to carry out all the listed steps correctly.

**Results:** 697 CHWs out of the 700 sample were assessed in November-December 2016. Detailed results are enclosed in Annexure 1.

The proportion of CHWs performing RD tests correctly was 98.6% (687/697)

The proportion of CHWs carried out treatment steps correctly was 90.0% (627/697)

**Conclusion and Recommendations:** Most of the Mitanins have learnt the skills of detecting and treating malaria as they enter their second year of using RD kits and ACT. There is scope of improvement in use of ACT for Falciparum malaria. Multiple dosage forms and supply of non-standardised colour-codes of ACT packs maybe a possible cause. CHWs are to be retrained on using available ACT packs.

**Data Sheet – Skill and Activity Assessment of Mitanins for Malaria Testing and Treatment**

<b>Sample ID</b>	<b>No.of RD Kits available with Mitanin</b>	<b>No.of ACT tab available with Mitanin</b>	<b>No.of Chloroquine Tab available with Mitanin</b>	<b>Whether Mitanin Qualified in Skill Test for RD Testing of Malaria (Yes/no)</b>	<b>Whether Mitanin Qualified in Skill Test for Treatment Malaria (Yes/no)</b>	<b>No. of RD test done by Mitanin from July to Dec 2016</b>	<b>No.of PF cases detected by Mitanin from July to Dec 2016</b>	<b>No.of PV cases detected by Mitanin from July to Dec 2016</b>	<b>No. of PF cases treated with ACT by Mitanin July to Dec 2016</b>	<b>No. of PV cases treated by Mitanin with Chloroquine tab from July to Dec 2016</b>	<b>No.of cases referred by Mitanin from July to Dec 2016</b>
1	57	4	55	1	1	43	1	0	1	29	0
2	90	11	410	1	1	40	0	0	0	0	0
3	3	4	200	1	1	69	4	0	4	5	1
4	5	0	250	1	1	61	2	0	2	5	0
5	1	10	70	1	1	85	1	0	1	50	1
6	7	11	280	1	1	3	0	0	0	20	0
7	7	8	280	1	1	43	0	0	0	10	8
8	10	10	190	1	1	20	1	0	1	10	0
9	2	11	100	1	1	95	0	0	0	20	0
10	9	8	240	1	1	23	0	0	0	3	0
11	79	5	100	1	1	25	0	0	1	20	1
12	91	5	380	1	1	23	0	0	0	0	0
13	100	0	0	1	0	27	0	0	0	24	1

14	81	0	40	1	1	19	0	0	0	0	0
15	50	1	50	1	1	32	0	0	0	32	0
16	80	1	40	1	1	23	0	1	0	20	0
17	80	1	320	1	1	30	1	0	0	0	1
18	61	1	320	1	1	37	0	0	0	0	0
19	45	7	740	1	0	20	0	0	0	0	0
20	80	7	690	1	0	20	0	1	0	1	0
21	105	8	100	1	1	5	0	0	0	0	0
22	105	8	150	1	1	6	0	0	0	0	0
23	8	4	0	1	1	0	0	0	4	0	0
24	7	0	0	1	1	0	0	3	4	0	0
25	49	8	140	1	1	61	0	4	0	4	0
26	70	6	200	1	1	25	2	0	2	5	0
27	91	3	60	1	1	19	5	4	5	4	0
28	80	7	180	1	1	47	0	0	0	1	0
29	53	7	190	1	1	57	1	1	1	1	0
30	49	8	160	1	1	62	0	3	0	3	0
31	7	4	300	1	1	30	2	0	2	2	0
32	8	5	400	1	1	20	0	0	0	0	0
33	8	6	200	1	1	30	2	5	2	5	0
34	7	8	380	1	1	33	0	0	0	3	0
35	9	5	190	1	1	10	0	0	0	2	0
36	8	4	210	1	1	20	0	0	0	0	0
37	8	3	186	1	1	16	3	0	3	3	0

38	3	6	210	1	1	70	2	3	2	20	3
39	9	8	250	1	1	10	1	1	0	10	2
40	8	8	270	1	1	20	0	3	0	4	0
41	8 <sup>∩</sup> 3	3	160	1	1	17	0	1	0	1	0
42	7 <sup>∩</sup> 5	3	300	1	1	19	0	0	0	0	0
43	6 <sup>∩</sup> 8	5	200	1	1	32	0	0	0	0	0
44	4 <sup>∩</sup> 3	3	180	1	1	19	0	0	0	0	0
45	5	6	252	1	1	43	2	3	2	3	0
46	7	8	199	1	1	28	0	6	0	6	0
47	8	7	204	1	1	13	0	3	0	3	0
48	7	6	195	1	1	28	1	2	1	2	0
49	7	6	219	1	1	28	1	3	1	3	0
50	8	7	265	1	1	11	0		0		0
51	9	5	260	1	1	33	1	5	1	4	1
52	9	9	140	1	1	17	1	0	0	0	1
53	8	7	100	1	1	8	0	0	0	0	0
54	5	0	400	1	1	3	0	1	0	1	0
55	9	6	200	1	1	12	0	0	0	0	0
56	10	6	400	1	1	4	0	0	0	0	0
57	7	9	800	1	1	9	0	0	0	0	0
58	9	8	100	1	0	5	0	0	0	0	0
59	10	10	300	1	1	3	0	0	0	0	0
60	10	6	400	1	1	16	0	0	0	0	0
61	3	3	150	1	1	16	0	0	0	5	8

62	3	10	190	1	1	8	0	0	0	1	3
63	1	9	40	1	1	31	0	0	0	31	6
64	7	15	680	1	1	14	0	0	0	7	1
65	3	4	170	1	0	0	0	0	0	1	0
66	4	8	230	1	1	1	0	0	0	0	0
67	2	9	170	1	1	7	0	0	0	2	0
68	5	4	100	1	1	15	0	0	0	0	0
69	4	0	90	1	0	8	0	2	0	2	0
70	2	4	585	1	1	21	2	1	1	0	1
71	2	6	0	1	1	4	1	3	1	3	0
72	6	0	420	0	0	2	0	0	0	0	0
73	8	4	480	1	0	0	0	0	0	0	0
74	6 <sup>∅</sup> 5	9	390	1	1	8	0	0	0	1	0
75	6	2	76	1	0	50	9	16	4	20	2
76	2	2	200	1	0	20	3	0	3	0	0
77	9 <sup>∅</sup> 7	6	570	1	1	10	0	0	0	1	0
78	7 <sup>∅</sup> 2	6	100	1	1	12	1	3	1	5	0
79	8	5	780	1	1	14	3	1	2	1	2
80	7	4	500	1	1	11	3	5	3	5	3
81	5 <sup>∅</sup> 5	4	225	1	1	12	1	1	1	1	0
82	4	6	300	1	1	6	0	0	0	4	1
83	4 <sup>∅</sup> 5	2	260	1	1	15	8	3	1	7	1
84	3 <sup>∅</sup> 4	4	150	1	1	26	12	1	3	1	11
85	2 <sup>∅</sup> 5	1	20	0	1	39	2	0	2	0	2

86	2 <sup>∩</sup> 8	0	300	1	1	36	25	2	7	15	13
87	4 <sup>∩</sup> 4	3	290	1	1	20	0	0	0	0	12
88	4 <sup>∩</sup> 5	3	290	1	1	20	0	0	0	1	5
89	4 <sup>∩</sup> 4	2	230	1	1	11	1	10	1	10	1
90	3	0	100	1	1	47	22	5	5	22	15
91	5	2	400	1	1	20	4	1	4	1	1
92	8	7	300	1	0	20	0	14	0	14	4
93	6	4	300	1	1	24	1	20	0	20	1
94	4	4	220	1	0	20	0	2	0	2	10
95	4 <sup>∩</sup> 6	4	300	1	1	20	0	0	0	0	2
96	4	4	220	1	0	20	0	2	0	2	10
97	5	4	300	1	0	20	0	1	0	1	0
98	5	3	410	1	1	15	1	1	1	1	10
99	5 <sup>∩</sup> 2	4	300	1	1	14	0	0	0	0	5
100	5 <sup>∩</sup> 6	4	300	1	0	10	0	0	0	0	0
101	2	10	50	1	1	61	28	2	28	3	1
102	3	6	70	1	1	57	21	4	57	13	0
103	0	0	50	1	1	48	4	14	4	14	0
104	4	1	110	1	1	55	15	2	10	2	0
105	3	6	100	1	1	2	0	0	0	0	0
106	6 <sup>∩</sup> 4	2	100	1	1	0	0	0	0	0	0
107	7 <sup>∩</sup> 5	2	100	1	1	5	0	0	0	0	0
108	9	3	100	1	1	2	0	0	0	0	0
109	4 <sup>∩</sup> 7	2	360	1	1	7	0	0	0	0	0

110	7	2	90	1	1	4	0	0	0	0	0
111	35	1	200	1	1	55	7	2	5	40	0
112	40	1	330	1	1	50	10	1	5	39	0
113	36	0	200	1	1	44	7	2	0	48	0
114	60	0	60	1	1	35	9	0	4	28	0
115	33	0	20	1	1	42	7	1	2	30	0
116	79	4	30	1	1	1	1	0	0	8	0
117	60	0	80	1	1	30	7	0	4	23	0
118	65	0	60	1	1	20	1	0	0	15	0
119	30	3	100	1	1	36	5	5	1	0	0
120	47	4	65	1	1	0	0	0	0	0	0
121	75	2	150	1	1	25	0	5	0	9	0
122	63	0	90	1	1	37	4	12	4	12	0
123	78	2	180	1	1	22	2	1	2	2	0
124	7	4	300	1	1	27	0	1	0	5	0
125	0	2	80	1	1	13	1	1	1	5	0
126	6	2	150	1	1	35	2	1	2	15	0
127	6	4	150	1	1	35	1	1	1	8	0
128	7	3	50	1	1	25	1	0	1	24	0
129	7	4	200	1	1	17	0	0	0	17	0
130	6	4	90	1	1	31	0	0	0	12	0
131	9	4	200	1	1	16	0	0	0	13	0
132	7	4	60	1	1	27	0	0	0	20	0
133	7	3	178	1	1	24	1	0	1	5	0



134	8	4	200	1	1	12	0	0	0	8	0
135	7	4	200	1	1	44	0	0	0	20	0
136	7	4	200	1	1	20	0	0	0	0	0
137	8	4	300	1	1	47	0	0	0	11	0
138	8	4	200	1	1	25	0	0	0	20	0
139	6	4	100	1	1	37	0	0	0	10	0
140	8	4	280	1	1	15	0	0	0	2	0
141	8	2	250	1	1	11	1	0	1	7	0
142	6	2	120	1	1	22	0	0	0	6	0
143	4	3	70	1	1	20	7	0	4	3	0
144	5	3	110	1	1	19	9	3	4	9	2
145	3	4	200	1	1	18	0	1	0	11	1
146	3	4	170	1	1	10	0	2	0	5	0
147	5	4	60	1	1	30	0	0	0	15	0
148	7	4	190	1	1	15	0	0	0	15	0
149	8	4	180	1	1	15	0	0	0	8	0
150	7	4	175	1	1	17	0	0	0	10	0
151	30	0	100	1	1	46	8	8	8	20	0
152	22	0	40	1	1	52	11	12	5	180	3
153	46	0	150	1	1	54	6	1	0	12	0
154	76	0	182	1	1	14	4	2	3	4	0
155	32	4	15	1	1	78	2	33	2	33	2
156	40	1	80	1	1	60	3	5	3	90	3
157	79	2	120	1	1	21	2	6	2	12	0

158	47	0	30	1	1	53	7	2	4	16	0
159	47	3	90	1	1	45	1	10	1	10	0
160	59	3	180	1	1	30	2	4	1	5	0
161	7	3	100	1	1	29	0	0	0	3	0
162	10	4	300	1	1	4	0	0	0	2	1
163	4	4	100	1	1	58	0	0	0	58	0
164	10	4	96	1	1	4	0	0	0	1	1
165	72	0	300	1	1	28	7	2	7	28	0
166	9	4	240	1	1	10	0	0	0	5	0
167	7	4	310	1	1	32	0	1	0	28	0
168	90	4	200	1	1	10	0	0	0	0	0
169	100	4	300	1	1	20	0	0	0	15	0
170	75	3	60	1	1	25	0	1	1	6	1
171	8	0	100	1	1	20	4	1	1	4	2
172	7	0	30	1	1	3	6	4	2	4	5
173	2	2	240	1	1	24	1	0	0	0	1
174	7	3	150	1	1	22	0	5	0	5	0
175	8	2	100	1	0	15	0	0	0	0	0
176	6	3	100	1	1	94	0	0	0	0	0
177	1	3	200	1	1	85	0	0	0	0	0
178	7	1	210	1	1	20	0	2	0	2	0
179	9	1	200	0	0	0	0	0	0	0	0
180	8	1	200	1	0	8	3	0	3	0	0
181	7	1	325	1	1	8	0	0	0	0	2

182	7	1	300	1	1	15	0	0	0	0	1
183	8	0	100	1	1	10	0	0	0	0	2
184	9	1	200	1	0	0	0	0	0	0	0
185	8	3	400	1	1	10	0	0	0	0	0
186	8	0	400	1	1	6	0	0	0	0	0
187	8	0	150	1	1	11	0	0	0	0	0
188	7	4	300	1	1	20	2	0	1	0	1
189	8	2	200	1	1	5	1	4	0	5	2
190	9	0	300	1	1	0	0	0	0	0	0
191	5	0	50	1	1	2	0	2	0	2	0
192	3	0	60	1	1	22	5	4	0	4	5
193	1	0	100	1	0	4	0	4	0	4	0
194	8	0	400	1	0	5	0	0	0	0	0
195	2	2	400	1	1	6	0	2	0	2	0
196	7	0	200	1	1	25	5	1	0	6	0
197	8	0	200	1	1	18	6	1	0	7	0
198	9	0	250	1	1	10	5	2	0	7	0
199	8	6	400	1	1	18	3	2	0	5	0
200	9	0	300	1	1	10	2	4	0	6	0
201	9	3	200	1	1	5	5	0	2	5	0
202	8	1	200	1	1	20	11	3	0	14	0
203	9	2	100	1	1	10	0	0	0	0	0
204	9	2	100	1	1	10	0	0	0	0	0
205	9	2	40	1	1	4	0	0	0	0	0

206	9	2	45	1	1	6	1	0	0	0	1
207	9	5	400	1	1	5	0	0	0	0	0
208	9	0	200	1	1	10	0	0	0	0	0
209	8	60	500	1	1	16	1	0	0	0	1
210	9	0	0	1	1	10	0	2	0	0	0
211	9	1	200	1	1	8	2	1	2	8	2
212	9	1	160	1	1	8	2	0	0	0	2
213	9	2	200	1	1	11	0	0	0	0	0
214	6	1	100	1	1	33	19	0	19	19	16
215	7	4	200	1	1	30	0	0	0	0	0
216	9	3	500	1	1	8	0	0	0	0	0
217	9	3	140	1	1	13	1	4	1	4	1
218	9	3	200	1	1	5	0	0	0	0	0
219	9	4	200	1	1	10	0	0	0	0	0
220	9	3	300	1	1	10	2	0	1	0	0
221	90	4	160	1	1	30	0	0	0	15	3
222	80	7	250	1	1	25	0	0	0	10	5
223	90	7	250	1	1	9	0	1	0	5	1
224	80	7	200	1	1	12	0	0	0	12	1
225	81	7	250	1	1	19	0	0	0	0	1
226	93	7	250	1	1	7	0	0	0	0	0
227	60	4	200	1	1	24	0	0	0	22	2
228	90	0	50	1	1	20	0	0	0	20	2
229	52	5	150	1	1	13	2	2	4	8	1

230	100	10	110	1	1	38	1	0	2	20	0
231	7	150	0	1	1	30	0	6	0	10	0
232	8	0	220	1	1	20	0	3	0	3	1
233	7	0	220	1	1	28	1	3	1	3	0
234	7	0	200	1	1	25	0	0	0	2	0
235	5	0	60	1	1	50	15	19	5	45	2
236	8	5	50	1	1	20	1	0	0	20	0
237	7	2	50	1	1	15	6	3	3	6	1
238	9	2	30	1	1	10	2	0	2	5	0
239	60	0	150	1	1	17	7	3	5	4	0
240	60	0	70	1	1	40	10	10	5	15	0
241	7	7	100	1	1	36	0	0	0	25	1
242	7	7	20	1	1	20	1	0	0	6	1
243	6	8	300	1	1	37	0	0	0	16	4
244	9	7	248	1	1	39	1	2	1	2	1
245	1	8	220	1	1	20	0	0	0	20	0
246	5	8	260	1	1	106	0	0	0	106	5
247	30	8	200	1	1	25	0	0	0	19	0
248	7	2	500	1	1	13	4	2	1	6	0
249	40	2	100	1	1	16	0	0	0	4	3
250	10	3	500	1	1	19	0	0	0	13	3
251	78	5	400	1	1	22	0	0	0	0	3
252	91	5	300	1	1	11	0	0	0	0	0
253	88	0	90	1	1	12	12	1	11	21	1

254	49	0	0	1	1	51	6	4	6	40	2
255	4	8	400	1	1	40	0	0	0	0	0
256	3	8	500	1	1	10	0	0	0	0	0
257	1	2	0	1	1	47	0	4	0	4	0
258	10	4	0	1	1	42	1	0	1	2	0
259	10	4	40	1	1	0	0	0	0	0	0
260	1	5	100	1	1	5	0	0	0	0	0
261	9	10	440	1	1	21	0	0	0	12	0
262	4	10	200	1	1	34	0	0	0	16	0
263	9	8	300	1	1	24	0	0	0	8	4
264	9	5	60	1	1	5	0	0	0	3	2
265	2	3	100	1	1	40	8	9	12	33	10
266	4	0	0	1	1	50	2	6	2	42	8
267	9	6	120	1	0	15	0	3	0	12	6
268	80	10	100	1	1	7	0	0	0	0	0
269	116	15	200	1	1	14	0	0	0	0	0
270	80	6	200	1	1	20	0	0	0		0
271	30	2	100	1	0	13	0	0	0	50	0
272	30	2	270	1	0	20	0	0	0	0	0
273	49	5	200	1	1	11	0	0	0	0	0
274	46	2	500	1	1	11	0	1	0	1	0
275	26	5	200	1	1	12	0	0	0	0	0
276	30	4	500	1	1	16	0	6	0	6	0
277	30	10	810	1	1	32	0	2	0	12	0

278	40	5	400	1	1	6	0	0	0	0	0
279	41	14	300	1	0	4	0	0	0	0	0
280	46	6	400	1	1	5	0	0	0	0	0
281	9	11	90	1	1	10	0	0	0	0	0
282	8	7	200	1	1	19	0	1	0	1	0
283	9	6	280	1	1	10	1	1	1	1	0
284	8	6	100	1	1	20	0	0	0	0	0
285	8	300	300	1	1	12	0	0	0	0	0
286	7	6	200	1	1	24	0	0	0	0	0
287	8	6	200	1	0	15	0	0	0	0	0
288	6	7	100	1	0	20	0	0	0	0	0
289	5	8	200	1	1	30	0	0	0	0	0
290	6	5	200	1	1	20	0	0	0	0	0
291	9	7	230	1	1	10	0	0	0	2	0
292	9	7	230	1	1	11	0	2	0	2	0
293	9	6	210	1	1	5	1	4	1	4	1
294	8	3	70	1	1	19	4	8	1	18	3
295	8	5	100	1	1	15	0	0	0	15	0
296	9	6	200	1	0	12	1	2	0	2	1
297	8	7	400	1	1	9	1	3	0	8	0
298	9	4	50	1	1	15	0	7	0	7	0
299	9	7	200	1	1	1	0	1	0	1	0
300	8	7	100	1	1	24	0	7	0	16	0
301	9	4	300	1	1	11	1	0	1	0	0

302	7	2	150	1	1	22	8	5	8	5	0
303	9	5	220	1	1	11	1	0	1	0	0
304	6	1	170	1	1	41	3	5	3	5	1
305	8	0	200	1	1	17	4	0	4	0	0
306	7	7	200	1	1	4	0	1	0	1	0
307	8	7	150	1	1	12	0	0	0	0	0
308	9	3	200	1	1	3	0	0	0	0	0
309	8	5	200	1	1	17	2	1	2	1	1
310	8	5	250	1	1	13	1	1	1	1	0
311	6	6	200	1	1	37	0	0	0	10	0
312	50	8	420	1	1	50	0	4	0	15	0
313	33	6	200	1	1	69	1	1	1	20	0
314	60	6	200	1	1	42	1	1	1	39	1
315	65	7	100	1	1	35	0	0	0	15	1
316	63	7	70	1	1	37	0	0	0	3	0
317	5	2	160	1	1	52	13	11	6	23	16
318	6	3	240	1	1	40	18	9	5	35	8
319	4	4	88	1	1	58	4	2	1	20	3
320	7	8	400	1	1	30	0	3	0	12	2
321	3	12	290	1	1	15	0	0	0	0	0
322	2	0	200	1	1	30	13	0	13	0	2
323	1	8	100	1	1	38	15	2	4	11	0
324	4	12	200	1	1	11	0	1	0	1	0
325	3	12	200	1	1	20	0	5	0	5	6



326	4	12	200	1	1	9	0	1	0	1	0
327	3	12	180	1	1	19	0	2	0	2	0
328	1	12	200	1	1	38	1	0	1	0	0
329	3	12	190	1	1	21	0	1	0	1	0
330	4	12	200	1	1	8	0	0	0	0	4
331	5	1	50	1	1	50	6	2	6	2	15
332	40	4	0	1	0	35	2	1	0	4	2
333	10	8	580	1	1	8	0	0	0	0	0
334	5	5	400	1	1	9	0	0	0	0	0
335	10	7	260	1	1	0	0	0	0	0	0
336	1	6	100	1	1	4	0	0	0	0	0
337	10	7	400	1	1	8	0	2	0	2	0
338	5	5	150	1	1	3	0	0	0	0	0
339	5	5	300	1	1	10	0	0	0	0	0
340	5	2	100	1	1	7	0	0	0	0	0
341	5	5	100	1	1	12	0	0	0	0	0
342	3	5	150	1	1	15	0	0	0	0	0
343	2	5	100	1	1	4	0	0	0	0	0
344	2	5	50	1	1	8	0	0	0	0	0
345	5	5	60	1	1	15	0	2	0	2	0
346	8	2	100	1	1	6	0	0	0	0	0
347	2	3	200	1	1	15	0	0	0	0	0
348	1	5	50	1	1	16	0	0	0	0	0
349	2	3	150	1	1	12	0	0	0	0	0

350	2	3	150	1	1	12	0	0	0	0	0
351	50	2	400	1	1	50	0	0	0	0	0
352	20	0	5	1	1	20	0	0	0	0	0
353	7	6	430	1	1	33	2	2	2	2	2
354	7	8	450	1	1	46	0	0	0	0	0
355	8 <sup>05</sup>	6	520	1	1	12	2	0	0	2	0
356	9	8	200	1	1	14	0	0	0	0	0
357	7	4	250	1	1	24	0	0	0	0	0
358	9	5	250	1	1	10	0	0	0	0	0
359	4	4	200	1	1	8	0	1	0	1	0
360	10	8	300	1	1	7	0	0	0	0	4
361	4	8	400	1	1	0	0	0	0	0	1
362	2	5	250	1	1	11	0	2	0	6	0
363	9	5	250	1	1	16	0	0	0	0	0
364	8	5	250	1	1	22	0	0	0	0	0
365	9	5	340	1	1	5	0	0	0	0	0
366	3	7	100	1	1	16	0	0	0	0	4
367	8	5	100	1	1	18	0	0	0	0	0
368	2	11	0	1	1	26	0	0	0	0	0
369	6	7	250	1	1	26	0	0	0	0	0
370	5	11	368	1	1	29	1	0	1	0	0
371	8	1	40	1	1	18	2	1	2	1	0
372	3	12	70	1	0	15	0	0	0	0	0
373	5	12	250	1	1	10	0	0	0	0	0

374	0	11	2500	1	0	47	1	0	0	0	1
375	7	10	0	1	1	7	1	1	1	1	0
376	5	9	0	1	1	41	1	0	1	0	1
377	1	12	0	1	1	29	0	0	0	29	0
378	7	2	310	0	0	3	0	0	0	0	0
379	8	5	100	1	1	0	0	0	0	0	0
380	5	9	250	1	1	35	2	2	2	1	0
381	5	12	200	1	1	12	0	0	0	0	0
382	1	17	400	1	1	72	0	0	0	0	0
383	7	8	400	1	1	15	0	0	0	0	0
384	6	12	250	1	0	14	0	0	0	0	0
385	6	12	250	1	1	17	0	0	0	0	0
386	2	4	250	1	1	6	0	0	0	0	0
387	7	8	250	0	0	0	0	0	0	0	0
388	5	11	290	1	1	7	0	0	0	1	0
389	3	10	187	1	1	58	1	0	0	20	0
390	4	4	290	1	1	42	0	0	0	18	7
391	5	4	210	1	1	46	0	0	0	14	7
392	5	4	360	1	1	41	0	0	0	5	5
393	4	5	73	1	1	60	3	0	3	0	0
394	7	8	320	1	1	25	0	0	0	0	0
395	3	7	50	1	1	70	0	0	0	60	0
396	7	7	80	1	1	27	1	0	1	22	0
397	6	7	100	1	1	37	0	1	0	21	1

398	4	8	250	1	1	39	0	0	0	0	0
399	4	8	250	1	1	17	0	0	0	0	0
400	4	8	180	1	1	40	0	2	0	2	0
401	3	8	240	1	1	22	0	1	0	1	0
402	0	6	210	1	1	80	2	4	2	4	0
403	1	2	20	1	1	46	0	0	0	0	0
404	6	7	650	1	1	13	0	0	0	0	0
405	7	12	650	1	1	3	0	0	0	0	0
406	6	12	400	1	0	26	0	0	0	0	0
407	2	7	600	1	1	69	0	0	0	0	0
408	8	3	200	0	1	30	0	0	0	0	0
409	7	12	220	1	0	30	0	0	0	0	0
410	5	11	760	1	1	32	0	0	0	0	0
411	9	8	950	1	0	14	0	0	0	0	0
412	12	14	1100	1	0	7	0	0	0	0	0
413	7	9	170	1	1	31	0	0	0	1	0
414	9	12	606	1	1	34	0	0	0	0	0
415	5	14	600	1	1	60	0	0	0	0	0
416	10	14	950	1	1	15	0	0	0	0	0
417	7	5	500	1	1	41	0	0	0	0	0
418	5	2	250	1	1	49	5	7	5	7	0
419	9	5	300	1	1	6	2	4	2	4	0
420	9	5	200	1	1	8	2	1	2	1	0
421	5	3	400	1	1	30	1	2	1	2	0

422	6	4	300	1	1	25	2	1	2	1	0
423	5	3	350	1	1	25	1	0	1	0	0
424	4	0	100	1	1	56	9	17	7	15	0
425	7	4	150	1	1	25	3	3	3	3	0
426	8	7	100	1	1	26	0	18	0	18	2
427	6	0	140	1	1	40	7	3	7	3	0
428	7	5	100	1	1	37	2	0	2	0	0
429	6	7	100	1	1	40	0	0	0	0	0
430	9	7	140	1	1	10	0	0	0	0	0
431	2	4	150	1	1	80	3	0	3	0	0
432	5	7	250	1	1	44	0	0	0	23	3
433	9	7	550	1	1	19	0	0	0	0	0
434	10	10	72	1	1	16	0	0	0	8	0
435	8	7	80	1	1	28	0	0	0	0	0
436	8	6	50	1	1	20	0	0	0	16	0
437	9	7	50	1	1	4	0	0	0	4	0
438	1	3	50	1	1	5	2	1	1	2	0
439	2	2	50	1	1	15	2	0	0	2	0
440	2	3	50	1	1	7	5	1	1	4	0
441	2	3	30	1	1	14	6	8	3	11	0
442	2	2	20	1	1	51	49	2	2	49	0
443	2	0	100	1	1	5	3	2	0	0	2
444	2	3	50	1	1	15	11	4	0	15	0
445	10	4	50	1	1	12	1	0	1	11	0

446	1	3	50	1	1	16	1	0	1	5	0
447	1	1	50	1	1	20	3	1	3	7	1
448	12	1	200	1	1	15	4	3	0	7	0
449	65	0	170	1	1	25	8	5	0	13	0
450	28	0	170	1		22	8	5	0	13	0
451	34	4	140	1	1	16	2	3	0	5	0
452	9	1	40	1	1	7	2	1	2	1	0
453	2	0	50	1	1	20	0	9	0	9	0
454	9 <sup>0</sup> 5	5	100	1	1	4	2	2	2	2	0
455	30	3	200	1	1	20	0	7	3	7	3
456	6	0	0	1	1	34	10	3	0	8	5
457	8	0	0	1	0	12	6	3	0	5	4
458	50	0	200	1	1	50	2	1	1	6	0
459	100	0	200	1	1	20	6	4	0	10	0
460	5	9	300	1	1	98	5	6	3	8	2
461	7	0	160	1	1	12	11	0	1	11	1
462	5	8	400	1	1	45	5	0	5	0	0
463	60	0	155	1	1	40	5	1	5	35	0
464	87	0	278	1	1	13	5	1	5	1	0
465	87	0	188	1	1	13	2	1	2	11	0
466	0	3	100	1	1	10	2	6	2	6	2
467	8	3	100	1	1	14	2	0	2	0	0
468	9	5	10	1	1	25	2	0	0	15	2
469	10	5	30	1	1	35	0	0	0	20	0

470	6	4	70	1	1	16	0	0	1	17	1
471	4	5	0	1	1	40	0	0	0	20	0
472	10	5	70	1	1	12	0	0	0	12	0
473	8	5	60	1	1	17	0	0	0	7	0
474	9	5	60	1	0	15	0	0	0	4	0
475	7	5	50	1	1	34	0	0	0	5	0
476	9	5	30	1	1	4	0	0	0	10	0
477	9	5	60	1	0	12	0	0	0	5	0
478	5	4	140	1	1	18	1	9	1	9	0
479	8	5	100	1	1	10	0	0	0	0	2
480	7	5	550	1	1	13	0	0	0	2	5
481	10	4	300	1	1	13	1	0	1	0	0
482	9	5	400	1	1	5	0	0	0	0	2
483	8	5	100	1	1	35	1	0	0	10	1
484	8	5	80	1	1	7	0	0	0	0	0
485	8	6	500	1	1	26	1	0	1	0	1
486	9	5	150	1	1	12	0	0	0	4	5
487	9	5	400	1	0	2	0	0	0	3	0
488	10	8	80	1	1	10	0	1	0	1	2
489	8	6	175	1	1	23	2	0	2	14	3
490	7	8	100	1	1	17	0	0	0	7	0
491	4	8	40	1	1	61	0	0	0	6	0
492	8	2	80	1	0	80	0	2	0	17	7
493	7	8	100	1	1	22	0	2	0	2	1

494	3	8	100	1	1	66	0	0	0	0	0
495	6	5	40	1	1	55	4	13	3	16	1
496	6	8	50	1	1	14	0	0	0	0	0
497	8	8	100	1	1	16	0	0	0	0	1
498	5	7	120	1	1	43	2	4	2	10	4
499	8	4	600	1	1	17	1	2	0	2	2
500	8	7	19	1	0	19	1	1	1	18	0
501	10	9	370	1	1	5	0	0	0	3	0
502	6	8	160	1	0	13	1	0	1	3	5
503	5	2	210	1	1	45	6	18	6	18	5
504	10	5	300	1	0	6	0	1	0	1	2
505	9	10	50	1	0	13	0	0	0	4	0
506	8	5	200	1	1	10	0	0	0	13	0
507	8	5	40	1	1	15	0	0	0	0	0
508	5	4	40	1	0	32	12	5	3	5	5
509	3	7	32	0	0	70	6	3	1	10	3
510	8	5	0	1	1	20	2	3	2	3	1
511	9	8	96	1	1	5	0	0	0	0	0
512	8	8	100	1	1	2	0	0	0	0	0
513	6	0	90	1	1	32	3	4	3	4	0
514	9	4	0	1	1	16	2	1	2	1	1
515	5	4	20	1	1	15	2	7	2	7	2
516	2	3	30	1	1	75	22	11	5	11	5
517	1	0	30	1	1	18	7	3	7	3	0



518	4 <sup>08</sup>	8	180	1	0	11	0	1	0	2	0
519	7 <sup>08</sup>	8	300	1	1	14	0	0	0	0	0
520	9 <sup>05</sup>	4	100	0	0	5	0	0	0	0	0
521	10 <sup>05</sup>	8	40	1	0	2	0	0	0	6	0
522	3 <sup>07</sup>	8	280	1	1	14	0	0	0	7	0
523	8 <sup>06</sup>	2	100	1	0	14	2	3	2	3	1
524	9 <sup>07</sup>	9	250	1	1	8	0	0	0	6	0
525	8 <sup>04</sup>	4	100	1	1	24	3	0	3	21	2
526	10 <sup>04</sup>	8	100	1	1	6	0	0	0	0	0
527	10 <sup>02</sup>	8	120	1	1	13	8	0	0	6	2
528	3	8	210	1	1	16	0	4	0	4	1
529	30	2	150	1	0	20	6	10	6	10	2
530	40	4	220	1	0	10	4	3	4	3	2
531	4	6	230	1	0	10	2	2	2	2	2
532	4	6	210	1	1	8	3	3	2	4	0
533	8	8	250	1	0	10	0	0	0	0	0
534	20	5	160	1	1	30	3	9	3	9	0
535	40	4	230	1	1	7	4	2	4	2	3
536	38	3	100	1	1	12	5	4	5	4	4
537	40	5	120	1	1	10	3	4	3	4	3
538	99	12	50	1	0	2	1	0	1	0	0
539	92	3	50	1	1	12	2	0	2	4	0
540	8	8	70	1	1	17	3	0	3	7	0
541	9	12	80	1	1	7	0	0	0	6	0

542	99	12	60	1	0	2	1	0	1	0	0
543	99	12	85	1	0	1	0	0	0	0	0
544	80	0	50	1	1	15	8	0	8	4	0
545	90	4	85	1	1	5	4	0	4	1	0
546	91	5	30	1	1	12	3	0	3	5	0
547	99	7	70	1	1	6	2	0	2	3	0
548	5	7	150	1	1	11	1	2	1	1	0
549	5	8	130	1	1	26	0	0	0	0	0
550	8	6	130	1	1	9	2	1	2	1	4
551	7	6	180	1	1	25	2	1	2	0	1
552		5	50	1	1	15	0	0	0	0	5
553	90	0	10	1	1	6	1	0	0	1	15
554	90	0	0	1	1	2	2	0	0	0	1
555	97	0	0	1	1	25	0	2	0	2	11
556	100	0	10	0	0	0	0	0	0	0	9
557	90	0	0	1	1	7	1	1	0	1	1
558	80	4	20	1	1	10	2	4	2	4	0
559	80	3	30	1	1	5	1	2	1	2	0
560	80	2	100	1	1	5	0	3	0	0	3
561	20	2	100	1	1	4	0	2	0	2	0
562	6	5	180	1	1	40	0	4	0	4	0
563	5	4	180	1	1	50	1	4	1	4	0
564	7	5	250	1	1	30	0	6	0	6	0
565	6	3	260	1	1	40	2	5	2	5	0

566	4	4	300	1	1	10	1	0	1	0	0
567	4	4	300	1	0	10	1	0	1	0	0
568	3	8	80	1	1	40	0	3	0	12	1
569	6	8	250	1	1	10	0	0	0	5	0
570	8	7	300	1	1	17	0	0	0	0	2
571	7	8	220	1	1	12	0	0	0	3	0
572	2	8	100	1	1	26	0	2	0	17	2
573	6	8	230	1	1	15	0	2	0	2	0
574	8	3	250	1	1	19	0	19	0	3	2
575	7	8	300	1	1	6	0	3	0	3	0
576	7	8	200	1	1	8	0	3	0	3	0
577	7	8	200	1	1	9	0	0	0	9	0
578	5	7	450	1	1	23	0	5	0	5	0
579	8	5	80	1	1	7	0	2	0	0	0
580	8	6	630	1	1	4	0	0	0	1	0
581	5	4	210	1	1	28	3	0	3	20	0
582	2	5	100	1	1	20	4	0	4	13	0
583	5	4	210	1	1	8	0	1	1	3	0
584	5	5	300	1	1	15	1	0	2	13	0
585	5	9	430	1	1	13	0	0	0	5	0
586	8	17	350	1	1	11	0	0	0	9	0
587	3	4	100	1	1	40	2	0	2	19	0
588	5	8	230	1	1	26	0	0	0	20	0
589	4	4	80	1	1	45	2	0	2	35	0

590	4	8	100	1	1	38	0	2	0	14	0
591	7	8	170	1	1	9	0	0	0	0	1
592	7	8	280	1	1	3	0	0	0	3	0
593	5	8	340	1	1	2	0	0	0	2	0
594	5	8	100	1	1	0	0	0	0	10	0
595	5	8	200	1	1	3	0	0	0	3	0
596	7	7	650	1	1	18	0	0	0	0	0
597	4	7	200	1	1	10	0	0	0	8	0
598	8	4	200	1	1	25	0	0	0	10	3
599	7	3	150	1	1	30	1	1	1	13	5
600	3	8	95	1	1	22	0	0	0	5	6
601	3	7	70	1	1	34	0	1	0	7	5
602	3	6	70	1	1	48	5	2	2	13	8
603	6	7	85	1	1	25	3	1	1	15	5
604	8	3	260	1	1	27	5	0	5	9	1
605	8	7	204	1	1	2	0	0	0	18	3
606	7	8	260	1	1	5	0	0	0	1	0
607	8	8	204	1	1	9	0	0	0	1	0
608	1	9	100	1	1	119	0	2	0	10	22
609	6	9	170	1	1	12	0	0	0	5	1
610	4	9	100	1	0	14	0	0	0	14	4
611	3	7	200	1	1	18	1	0	1	18	0
612	3	7	200	1	1	14	0	0	0	2	0
613	0	5	200	1	1	27	0	0	0	10	0

614	96	8	205	1	1	15	1	0	1	4	0
615	30	9	50	1	1	25	0	0	0	15	7
616	73	7	0	1	1	5	0	0	0	5	0
617	40	5	150	1	1	10	1	1	0	4	1
618	6	4	650	1	1	15	5	0	5	2	0
619	6	9	870	1	0	24	0	0	0	0	0
620	8	9	460	1	1	2	0	0	0	0	0
621	6	9	300	1	1	17	0	0	0	2	0
622	4	9	200	0	1	40	0	0	0	8	0
623	7	9	250	1	1	18	0	0	0	0	0
624	7	5	250	1	1	13	4	0	4	0	4
625	4	3	380	1	1	37	0	0	0	0	11
626	7	9	157	1	0	19	0	0	0	10	0
627	7	9	250	1	1	5	0	0	0	0	0
628	7	8	280	1	1	26	1	3	1	25	0
629	7	6	500	1	1	27	0	0	0	4	0
630	9	8	290	1	1	13	0	0	0	8	0
631	8	6	400	1	1	10	0	1	0	5	0
632	9	4	295	1	1	14	4	0	4	8	1
633	8	5	450	1	1	10	0	0	0	0	0
634	9	6	220	1	1	23	1	0	1	7	0
635	9	8	600	1	1	24	0	0	0	21	0
636	7	8	200	1	1	31	0	0	0	0	2
637	9	7	700	1	1	6	0	0	0	6	1

638	6	6	190	1	1	17	2	2	2	9	4
639	6	8	200	1	0	12	0	7	0	2	1
640	4	8	90	1	1	4	2	2	0	2	2
641	7	8	250	1	0	6	0	0	0	0	0
642	5	5	200	1	1	18	2	1	2	5	0
643	7	7	200	1	1	8	0	1	0	7	1
644	3	8	200	1	1	15	0	0	0	10	0
645	3	4	160	1	1	30	1	5	2	30	0
646	8	8	300	1	1	2	0	0	0	2	1
647	8	1	100	1	1	24	0	0	0	24	0
648	3	2	300	1	1	66	9	0	2	64	1
649	3	1	30	1	1	33	10	1	4	29	0
650	3	5	150	1	1	11	1	1	0	11	1
651	4	4	200	1	1	19	5	1	1	18	3
652	3	0	200	1	1	29	3	1	3	28	0
653	5	2	100	1	1	23	1	0	1	23	0
654	90	1	200	1	1	9	3	4	3	4	0
655	100	4	80	1	1	1	0	0	0	0	0
656	70	2	160	1	1	30	5	4	5	4	1
657	95	4	170	1	1	17	6	8	6	8	0
658	70	5	150	1	1	5	5	0	0	5	1
659	50	5	100	1	1	15	10	3	0	2	0
660	50	5	100	1	1	25	17	8	1	24	0
661	50	5	85	1	1	37	20	7	3	24	0

662	30	0	50	1	1	40	32	8	5	45	11
663	50	7	100	1	1	47	17	1	5	42	25
664	50	2	100	1	1	23	17	3	2	18	2
665	20	0	90	1	1	0	35	16	9	9	0
666	30	0	80	1	1	40	28	8	2	34	0
667	40	0	75	1	1	35	30	5	21	9	0
668	0	0	46	1	1	16	2	2	2	0	2
669	0	1	100	1	1	9	0	0	0	0	0
670	0	2	150	1	1	15	0	1	0	1	0
671	1	0	40	1	1	17	1	2	1	4	0
672	5	0	50	1	1	11	0	5	0	11	0
673	2	3	50	1	1	24	8	1	0	2	8
674	2	3	40	1	1	20	2	1	2	24	1
675	2	1	100	1	1	20	0	0	0	20	0
676	5	0	100	1	0	0	0	0	0	3	1
677	5	0	60	1	0	0	0	0	0	0	0
678	0	0	50	1	1	10	0	5	0	25	0
679	0	1	40	1	1	10	1	5	1	30	0
680	0	0	40	1	1	20	2	3	2	25	1
681	0	0	40	1	1	20	2	10	1	25	1
682	0	0	50	1	1	20	2	5	0	30	2
683	0	0	20	1	1	15	3	2	0	25	3
684	0	0	25	1	1	10	0	3	0	30	2
685	0	0	21	1	1	21	0	1	0	30	5

686	0	0	20	1	1	10	0	2	0	30	3
687	0	0	20	1	1	7	0	0	0	28	0
688	8	10	260	1	1	20	0	0	0	4	0
689	7	8	50	1	1	10	0	1	0	3	0
690	5	10	50	1	1	50	0	2	0	2	0
691	7	10	10	1	1	49	0	0	0	25	20
692	50	10	50	1	1	50	0	0	0	15	3
693	60	10	40	1	1	40	0	0	0	16	3
694	80	10	190	1	1	20	0	1	0	1	1
695	7	10	200	1	1	10	0	0	0	5	0
696	7	10	220	1	1	30	0	0	0	3	0
697	9	10	200	1	1	10	0	0	0	0	0



