

Weekly AFP surveillance feedback for Iraq; report 119 for international week 28 ending 18/07/2010

1. Annualized AFP rate/100,000 in children under 15 years of age, by province Fig (1):

During the first 28 weeks of the year, 278 non polio AFP cases were reported from all DoHs. The non-polio AFP rate is 2 per 100,000 for population under 15 years of age. Fig (1) has been attained for the country as a whole and another 16 DoHs.

Fig (1) Annualized non-polio AFP rate by province, Iraq, first 28 weeks, 2010

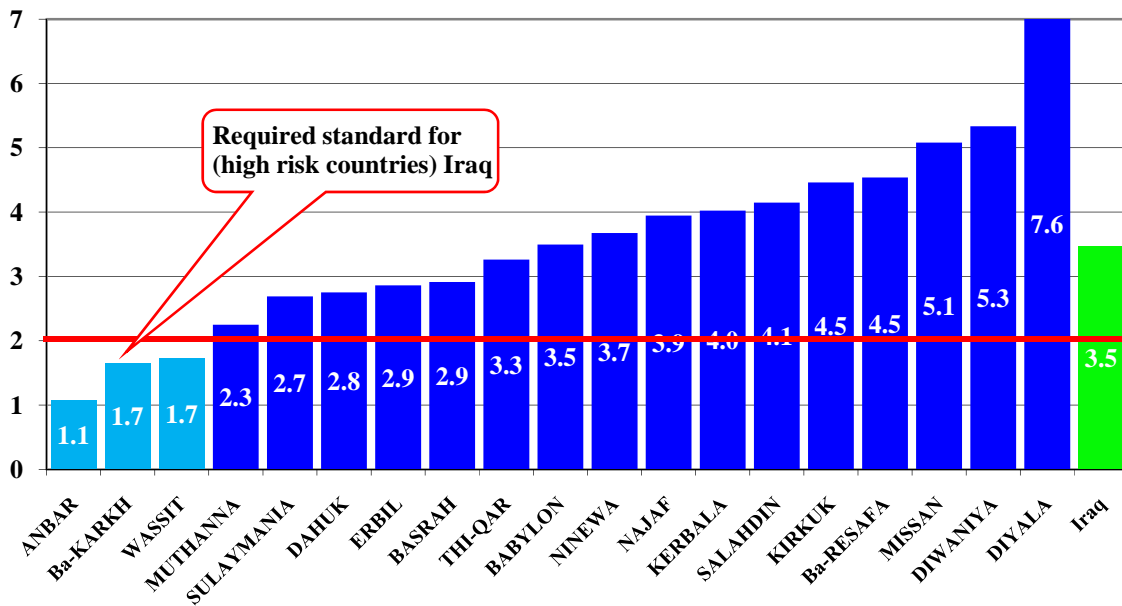


Fig (2) Non-polio AFP rate/100,000 children under 15 years, IRAQ, 98-2010*

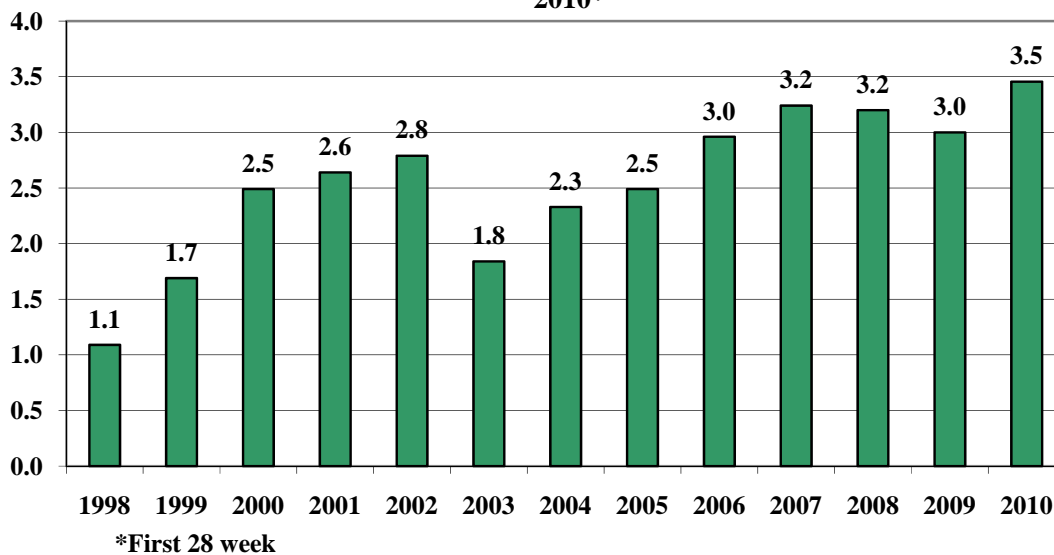


Table (1) Expected and reported AFP cases, by province, first 28 weeks, 2010.

Province	Reported AFP cases	Expected cases
ANBAR	4	7
Ba-KARKH	14	15
Muthana	4	3
BABYLON	15	7
Ba-RESAFA	45	18
BASRAH	19	11
DAHUK	7	5
DIWANIYA	15	5
DIYALA	26	7
ERBIL	11	7
KERBALA	10	4
KIRKUK	13	5
Missan	11	4
NAJAF	12	6
NINEWA	28	14
SALAH-DIN	13	6
Sulymania	11	8
THI-QAR	15	8
Iraq	278	145

2. Table (1) shows that performance in 3 DoH is below the expected. In general the following is noted:
- 16 DoH reported more than what is expected. Missan Sulymania and Muthana showing excellent progress.
 - More effort is needed in Anbar and Baghdad Kerkh.
 - Wasit is just within the expected' level.

Table (2) Reported AFP Cases first 28 weeks of 2009 and 2010, Iraq

International week	2009	2010
Week 1 to Week 10	72	79
Week 11	12	13
Week 12	7	14
Week 13	7	9
Week 14	9	14
Week 15	10	9
Week 16	3	15
Week 17	12	10
Week 18	4	14
Week 19	6	14
Week 20	7	8
Week 21	8	7
Week 22	5	9
Week 23	7	13
Week 24	10	12
Week 25	4	18
Week 26	6	6
Week 27	7	8
Week 28	5	6
Total	201	278

Table (3) Reported AFP cases, first 28 weeks; 2005 -2010

Year	2005	2006	2007	2008	2009	2010
Cumulative, up to Week 24	190	238	221	278	201	278

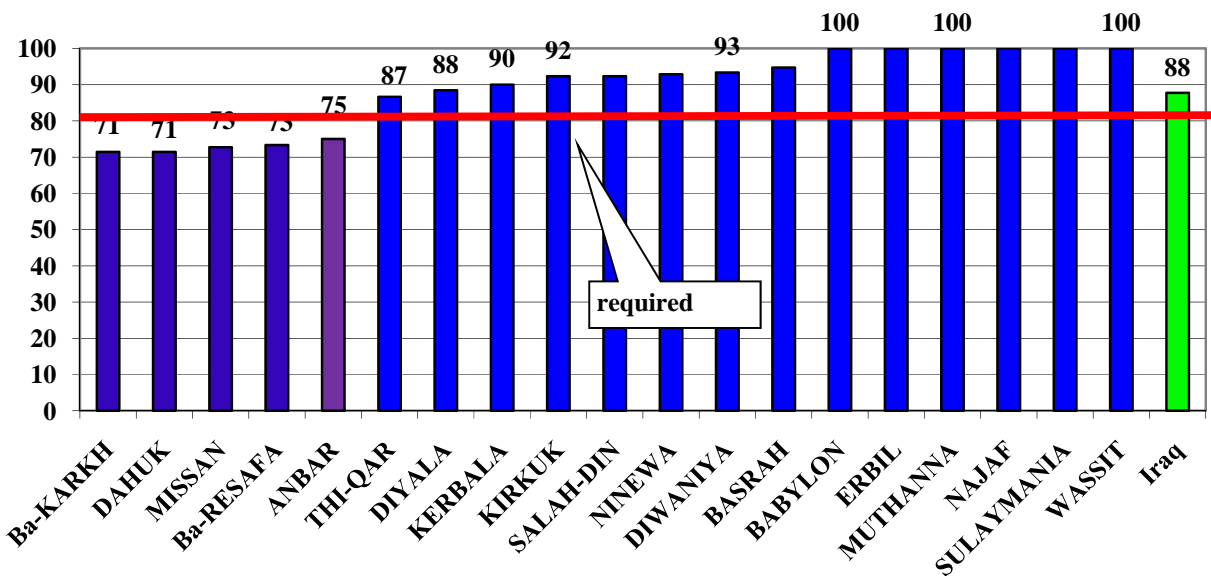
3. The number of AFP cases reported in the first 28 weeks of 2010 is higher than what has been reported during all previous years but equals what has been reported in 2008.

4. Error:

DoH	Error
IRQDY10015	Error5
IRQDY10013	Error5

Error5 = Pending classification and date of onset more than 90 days ago
 Error6 = Date of stool collection more than 45 days ago and pending preliminary culture results
 Error7 = Date of stool collection more than 45 days ago and no date of culture result

Fig (3) % AFP cases with 2 stool specimens collected within 14 days of onset and at least 24 hours apart; first 28 weeks of 2010



5. Stool adequacy

Fig (3) shows that all DoHs that reported cases, except Baghdad-Kerkh; Dahuk; Anbar, Missan and Baghdad Resafa achieved the standard target of reporting = > 80% stool adequacy of AFP cases.

Fig (4) Stool adequacy, Iraq, 2003-2010*

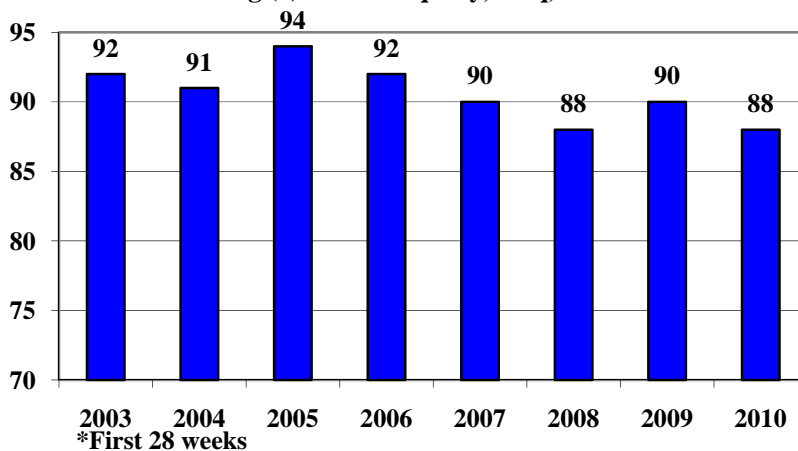
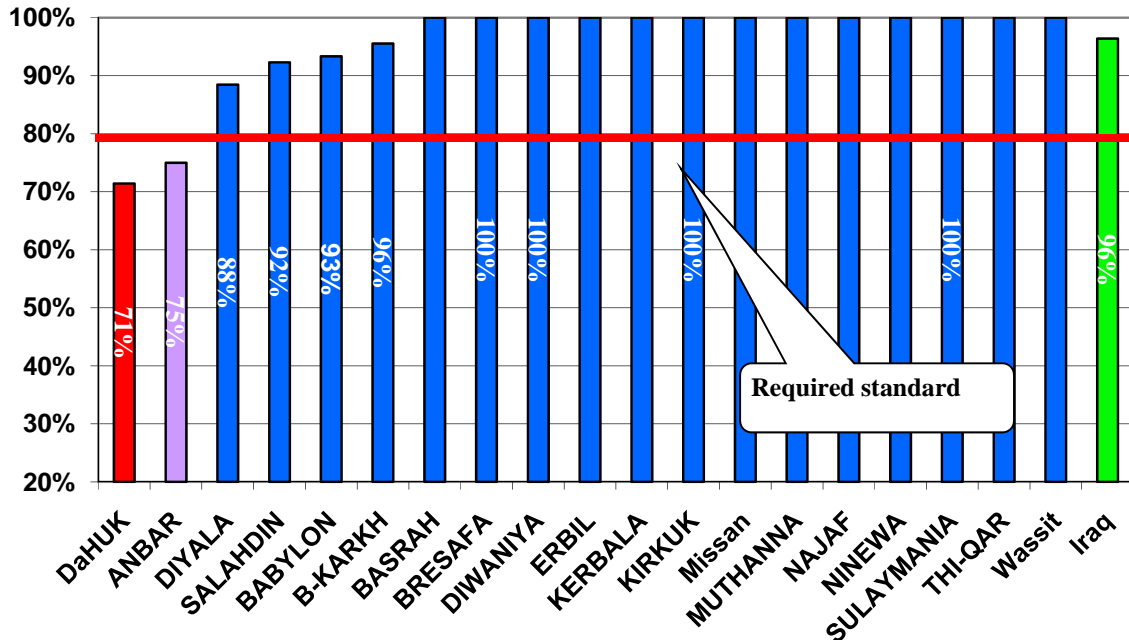


Fig (4) shows that although stool adequacy is above the required standard, however, adequacy for the last 3 years is slightly below the average for the previous years.

6. Timely investigation

Fig (5) below shows that all provinces achieved the indicator for investigation of cases within 48 hours of notification; except Anbar, Dahuk.

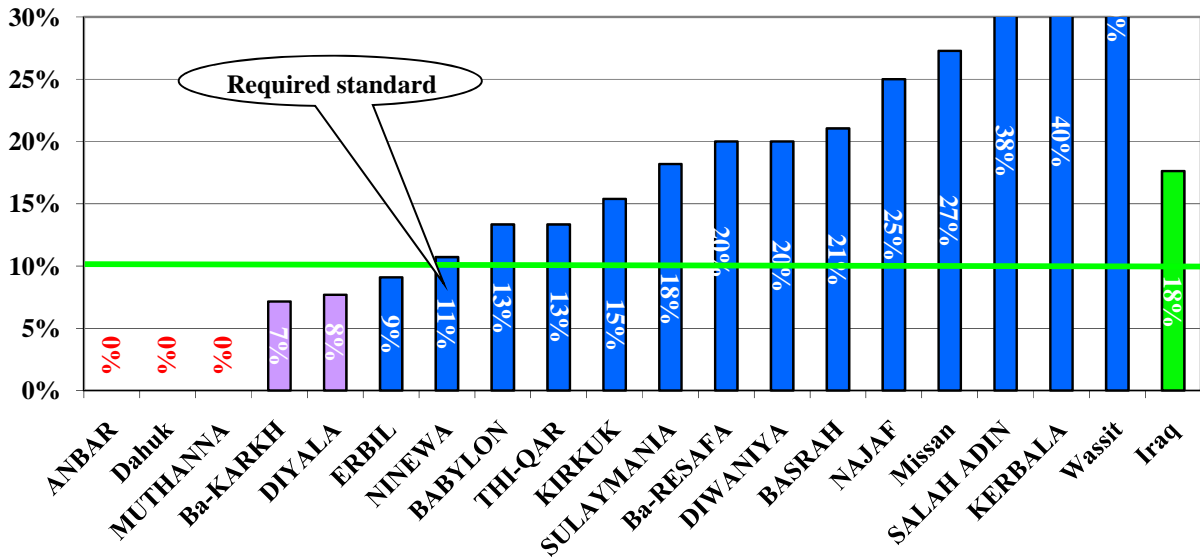
Fig (5) AFP cases investigated within 48 hours, first 28 weeks, 2010



7. Non-polio entérovirus isolation rate:

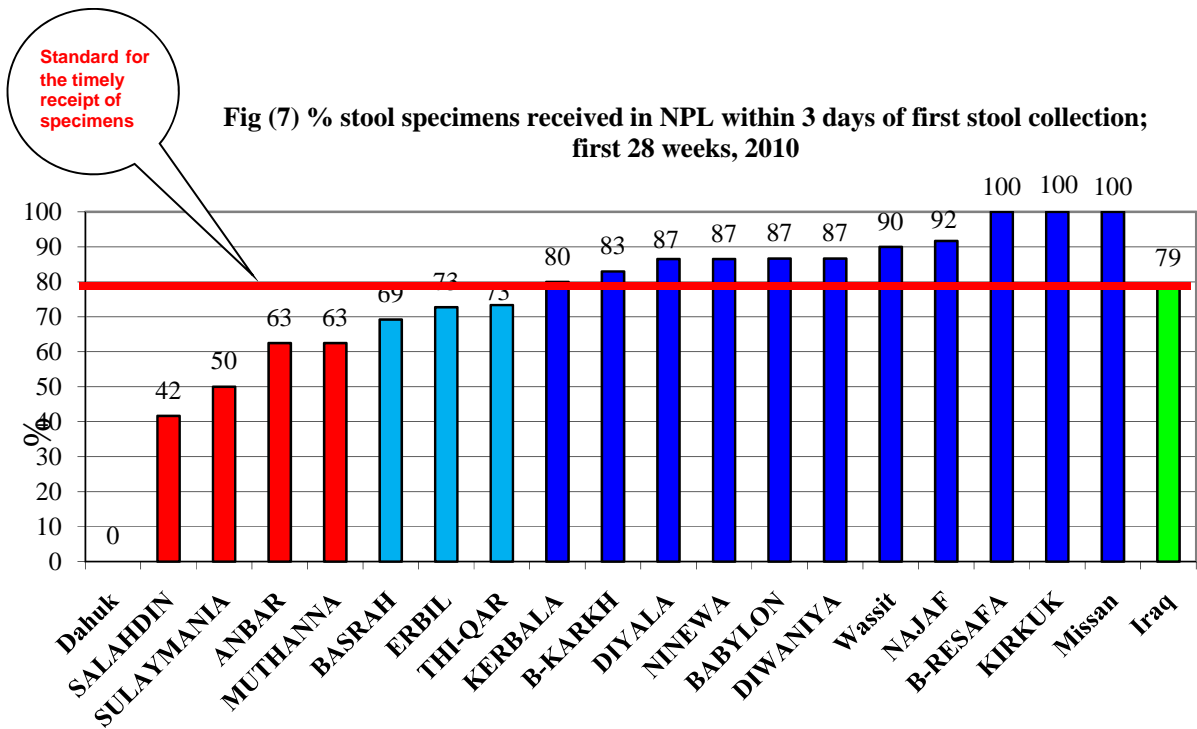
Fig (6) shows that the NPEV isolation rate for the country as a whole is 18%. The Non-Polio entero virus isolation rate for the country as whole and 13 DoHs is above or within the required standard.

Fig (6) Non-polio entérovirus isolation rate; by province; first 28 weeks of 2010



8. Time between collection of first stool and receipt in the NPL

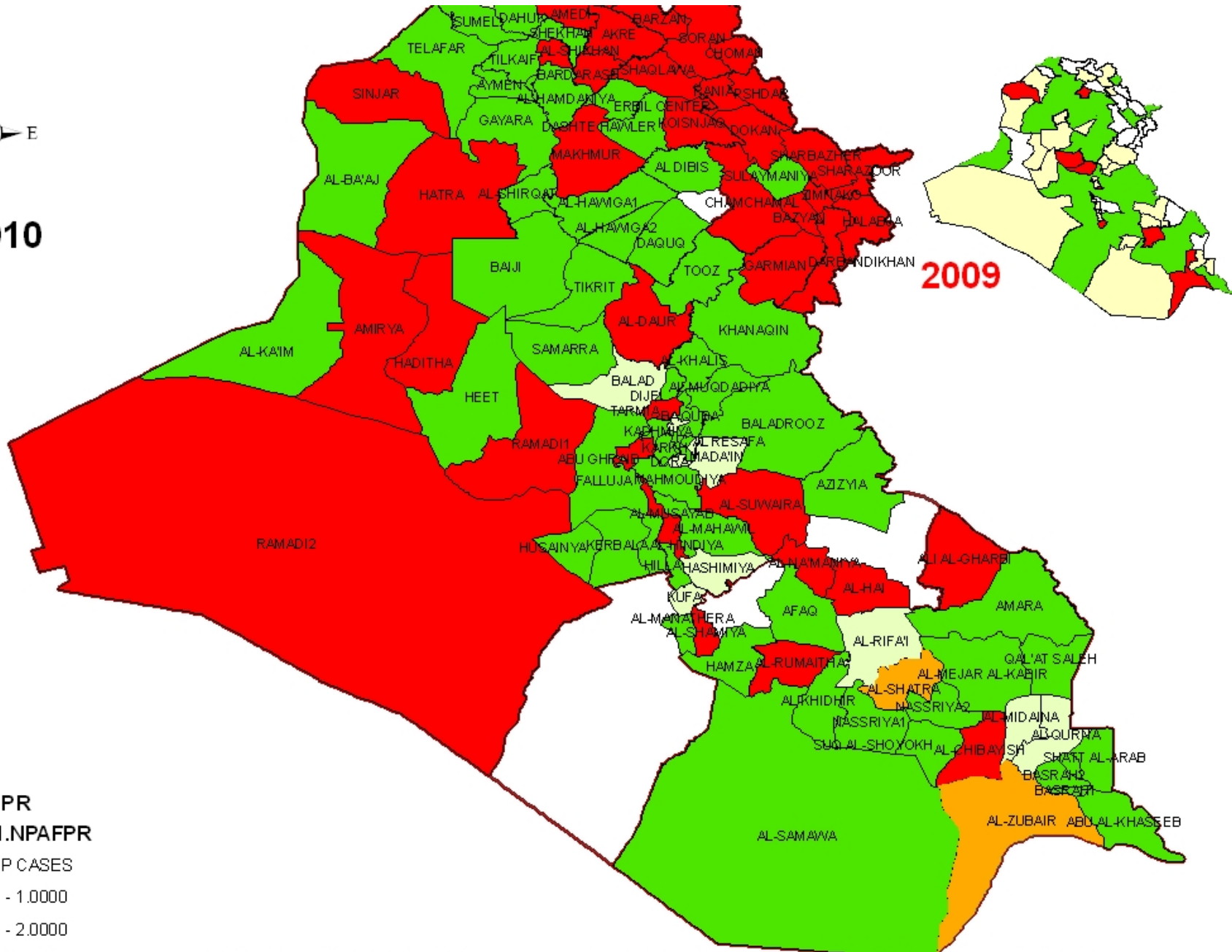
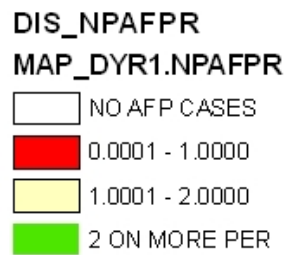
Fig (7) shows the period in days between receipt of stool specimens in NPL and collection of first stool specimen. The country as a whole and another 11 DoHs attained the required standard of sending at least 80% of specimen to the NPL within 3 days of collection of first stool specimens. However, 8 DoHs need to exert more effort to attain the required standard.





2010

2009



NPAFPR/100,000 <15 pop. by district, 2009 and first 28 weeks of 2010

