Weekly AFP surveillance feedback for Iraq; report 163 for week 30; ending 31/07/2011

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

During the first 30 weeks of the year 2011, 306 non-polio AFP cases were reported from all DoHs. The non-polio AFP rate of 2 per 100,000 for population is under 15 years of age. Fig (1) has been attained for the country as a whole and all DoHs. Good progress in Kirkuk.

Fig (1) Annualized non-polio AFP rate by province, Iraq, first 30 weeks, 2011

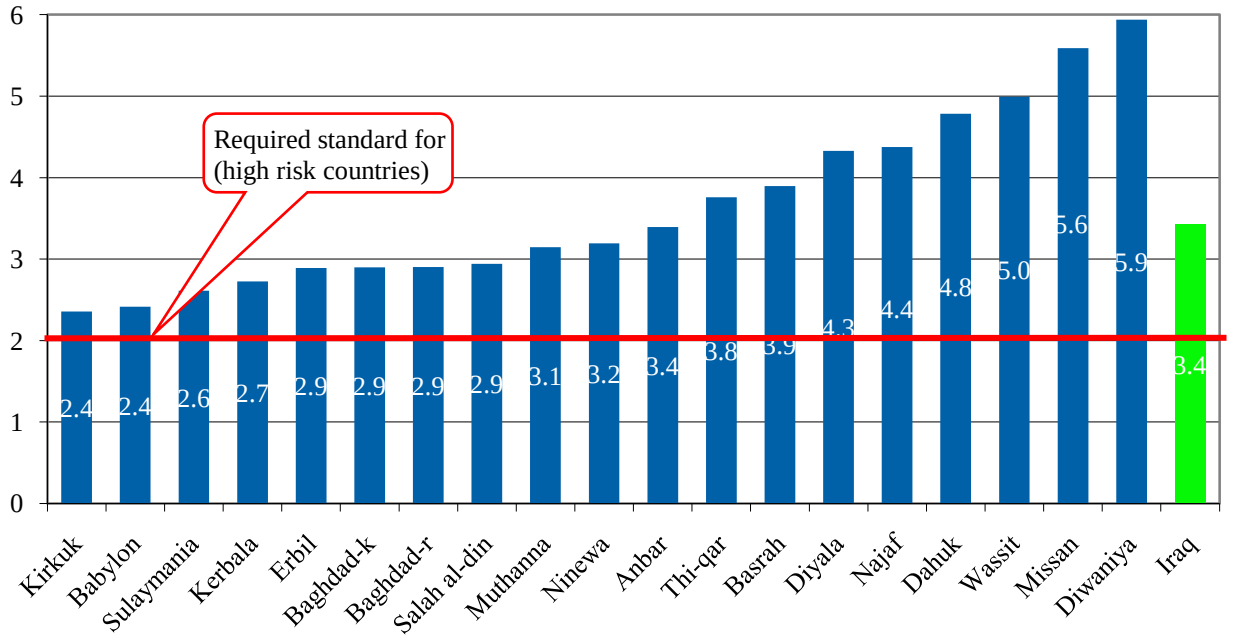


Fig (2) Non-polio AFP rate/100,000 children under 15 years, IRAQ, 98-2011*
***2011 first 30 weeks**

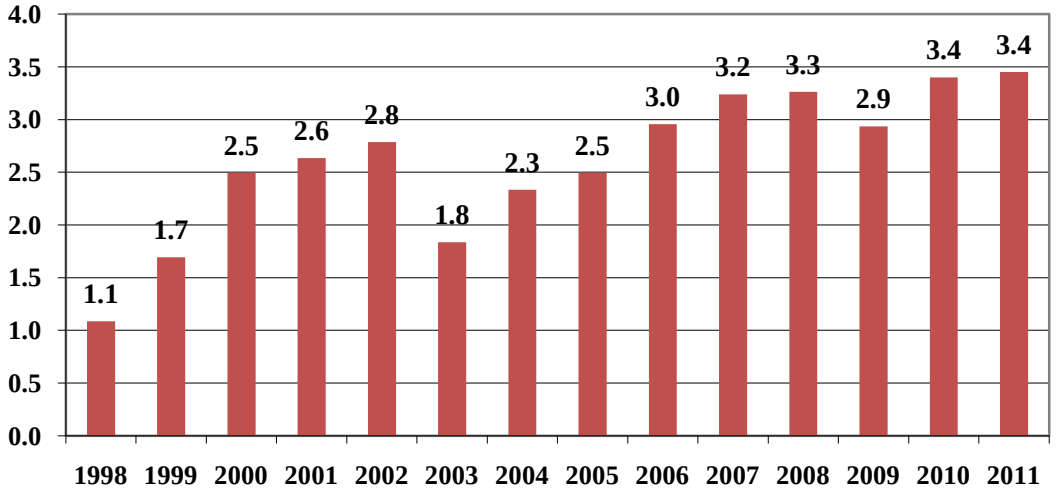


Table (1) Expected and reported Non Polio AFP cases, by province, up to week 30 year 2011

Province	Reported non-polio AFP cases	Expected cases
KIRKUK	7	6
MUTHANA	6	4
ANBAR	14	8
BABYLON	11	9
BA-RESAFA	33	20
BA-KARKH	32	18
BASRAH	25	14
DAHUK	13	5
DIWANIYA	17	6
DIYALA	18	7
ERBIL	12	8
KERBALA	9	5
MISSAN	13	5
NAJAF	15	6
NINEWA	27	16
SALAH-DIN	10	7
SULYMANIA	12	9
THI-QAR	17	9
WASIT	15	6
IRAQ	**306**	**168**

Table (1): shows that performance in the first 30 weeks of 2011

- All DoHs reported more than what is expected.
- Good progress in Muthana and Kirkuk; thanks Dr. Burhan and team for the swift action.

Table (2) Reported non-polio AFP Cases 2010 and 2011up to week 30, Iraq

International week	Last year 2010	This year 2011
Week 1 to week 22	259	268
Week 26	7	6
Week 30	7	6
Week 28	7	7
30 weeks	8	12
Week 30	3	7
Total	291	306

Table (3) Reported non-polio AFP cases, 2005 –2011; first 30 weeks

Year	2005	2006	2007	2008	2009	2010	2011
AFP cases	206	255	235	290	221	291	306

2. **Reported non-polio AFP** cases in the first 30 weeks of 2011 are > than what has been reported during any of the previous years.

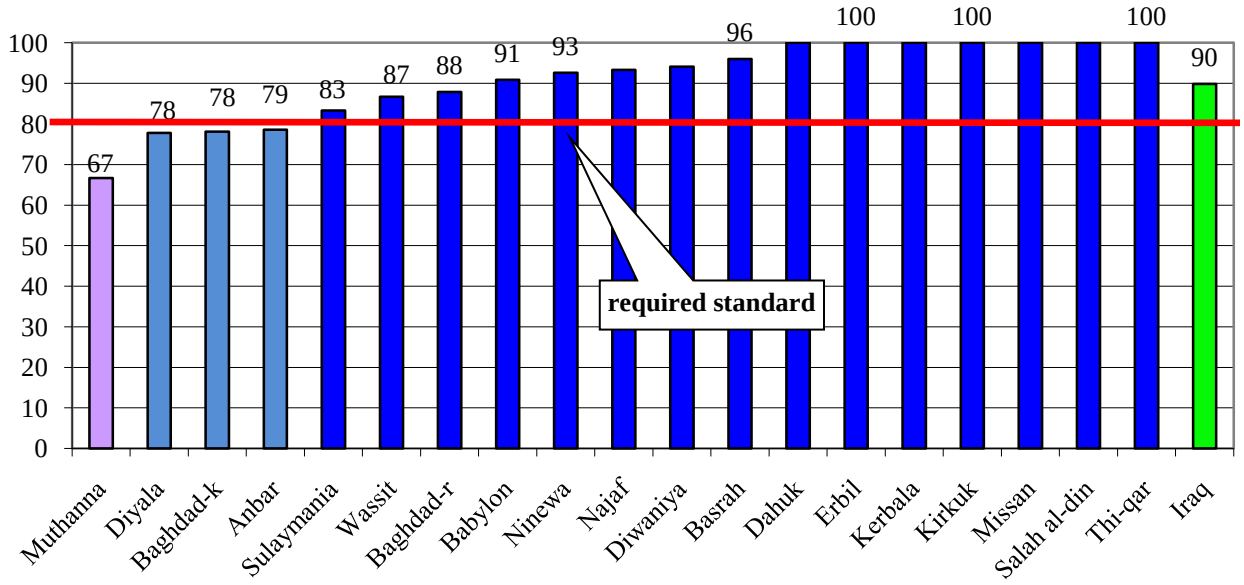
Province	error
IRQAN11009	Error5
IRQWA11011	Error5
IRQSU11009	
IRQBG11047	Error5
IRQSU11008	Error5
IRQDY11012	Error5
IRQBG11042	Error5
IRQBG11039	Error5

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

3. Stool adequacy

Fig (3) shows that all DoHs, except: Muthana; Anbar; Diyala; and Baghdad-Kerkh achieved the standard target 2 stool specimens collected within 14 days of onset and at least 24 hours apart.

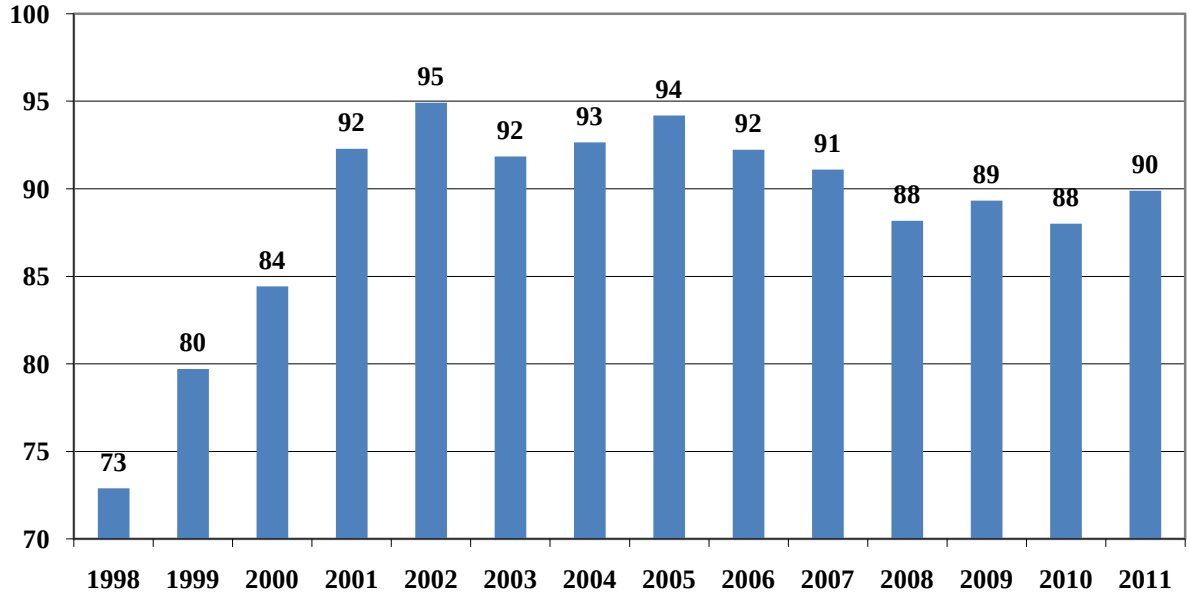
Fig (3) % Non-polio AFP cases with 2 stool specimens collected within 14 days of onset and at least 24 hours apart; first 30 weeks of 2011



Stools Adequacy

Fig (4) shows that this year there is slight improvement in adequacy.

Fig (4) Stool adequacy, Iraq, 2003-2011*

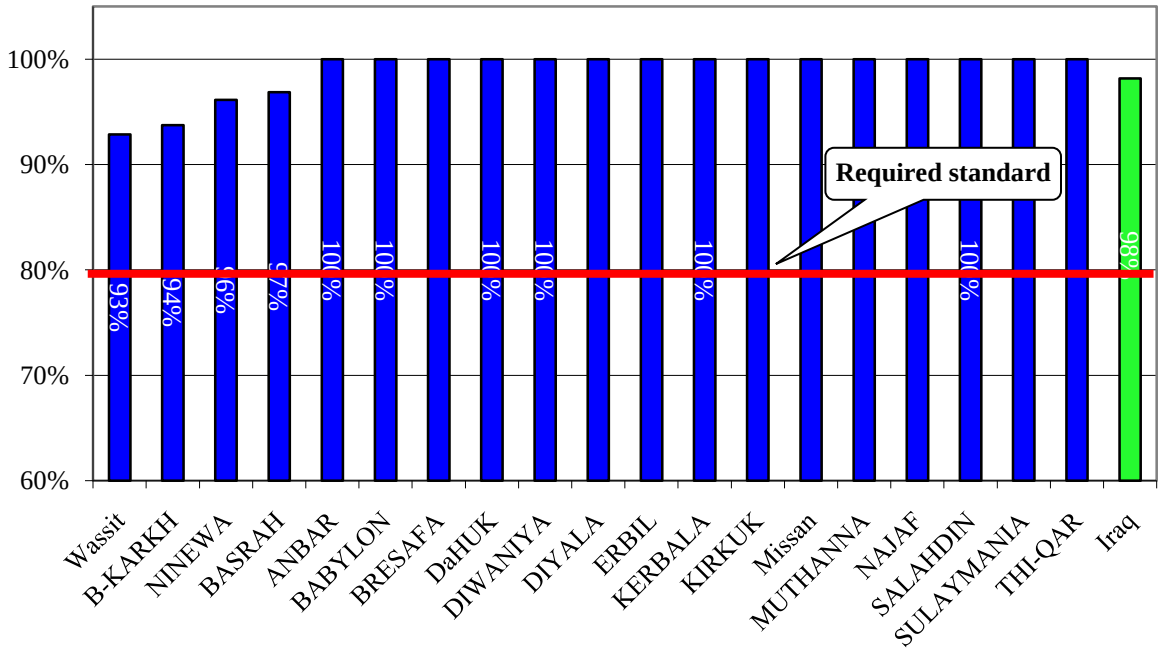


***First 30 weeks**

4. Timely investigation:

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

Fig (5) Non-polio AFP cases investigated within 48 hours, first 30 weeks, 2011



5. Non-polio entérovirus isolation rate:

Fig (6) shows the NPEV isolation rate for the country as a whole is 16%. The non-polio enterovirus isolation rate for the country as whole and 14 DoHs is within the required standard.

Fig. (6) Non-polio entérovirus isolation rate; by province; first 30 weeks of 2011

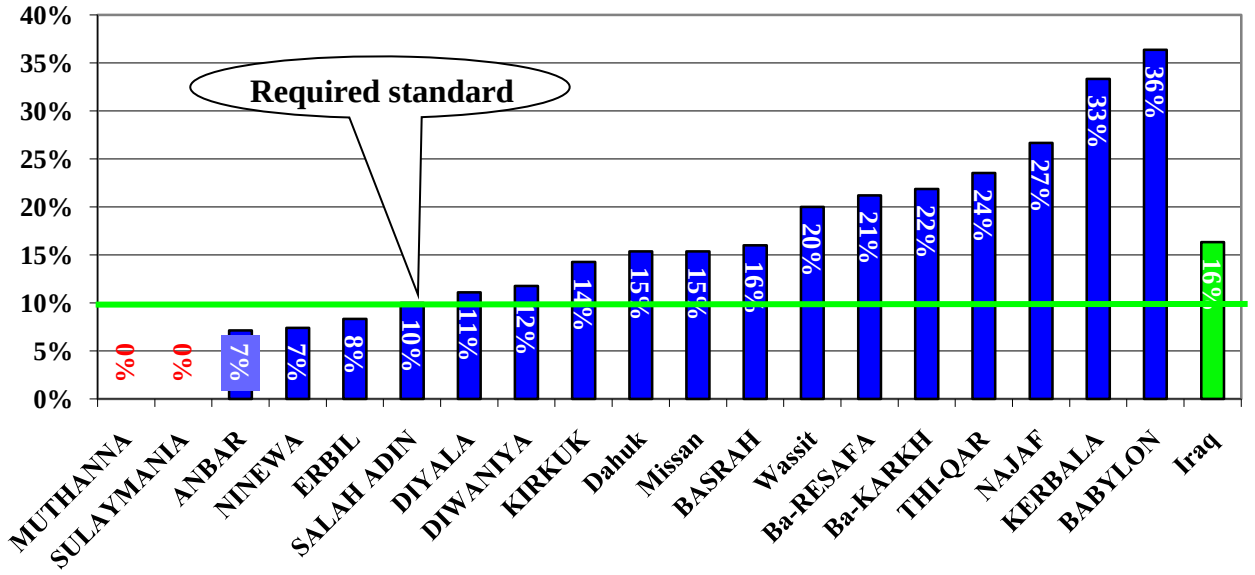
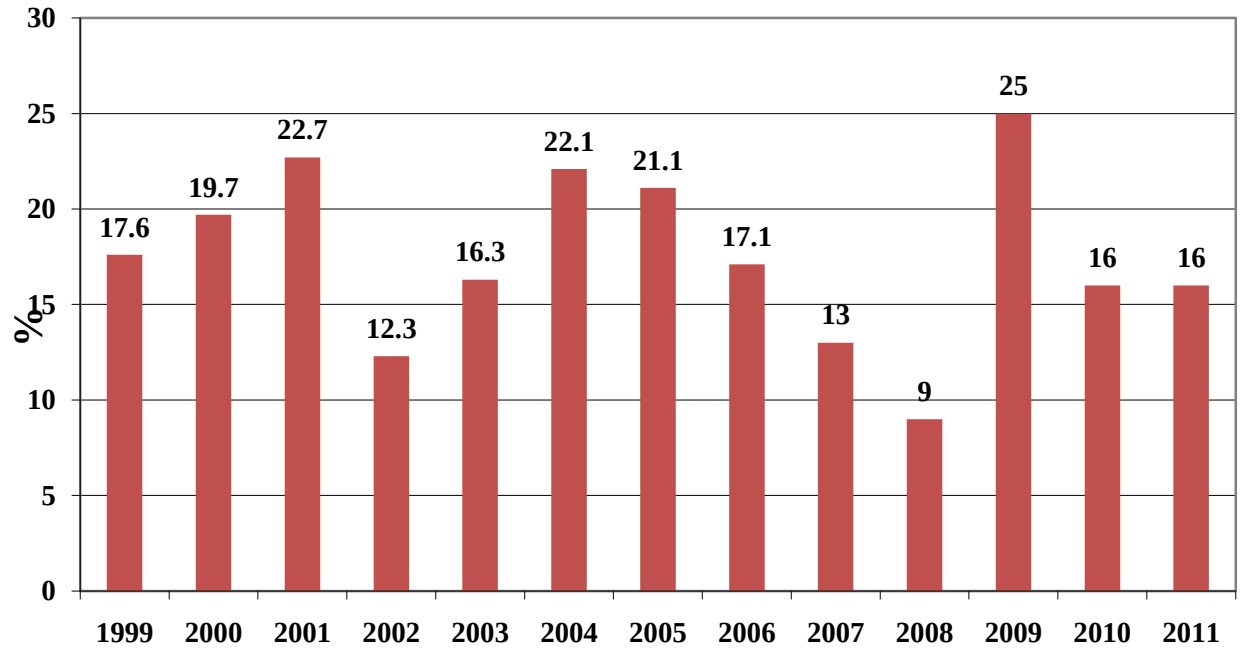


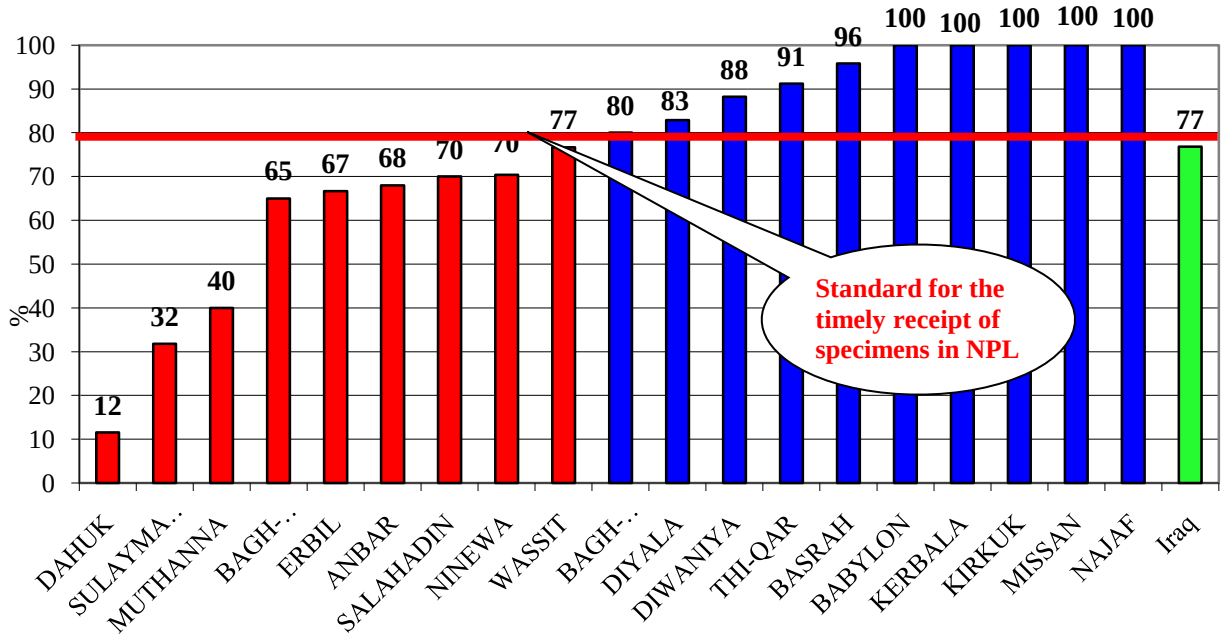
Fig (7) NPEV isolation rate 1999-2011*

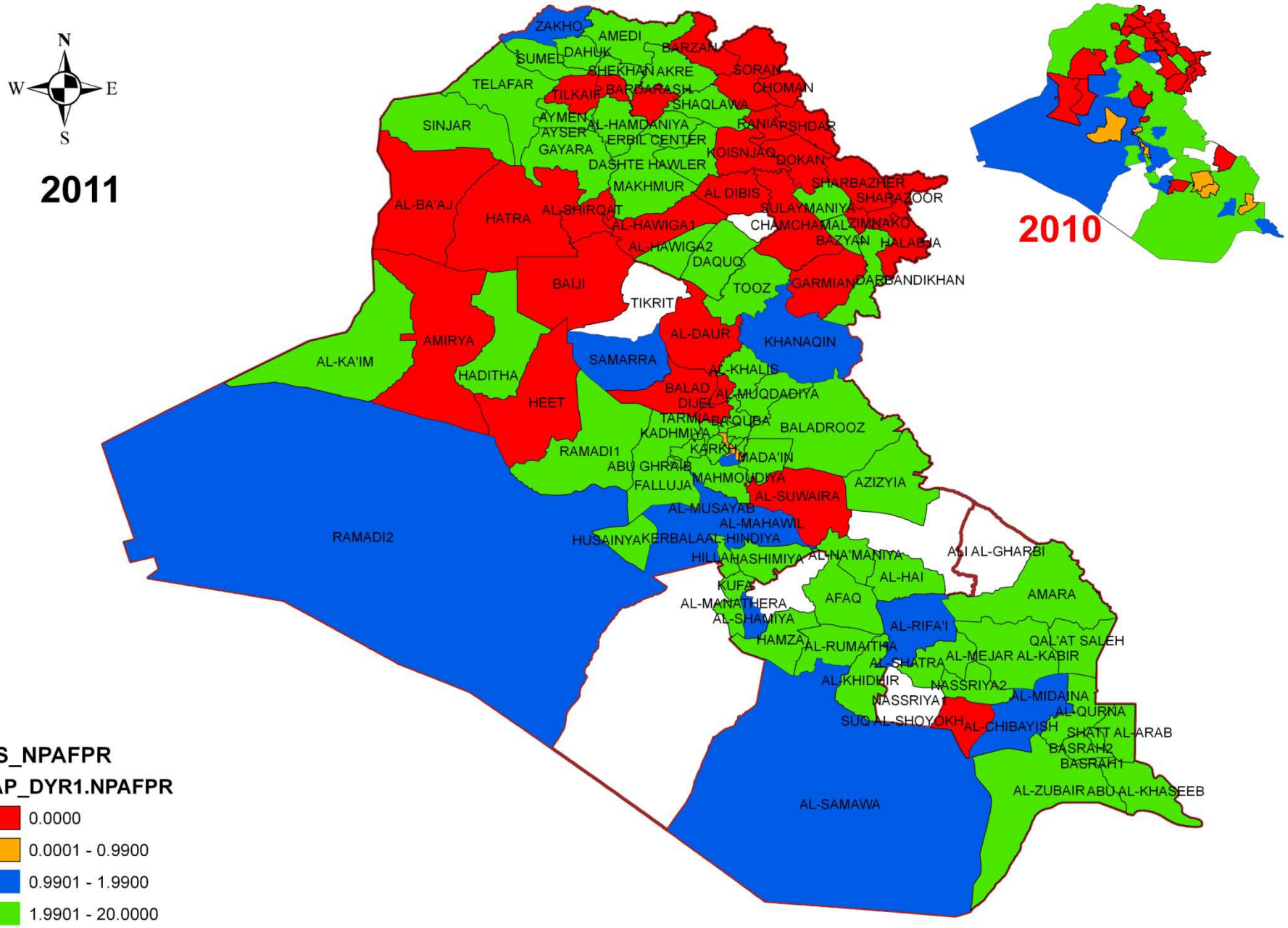
***First 30 weeks**



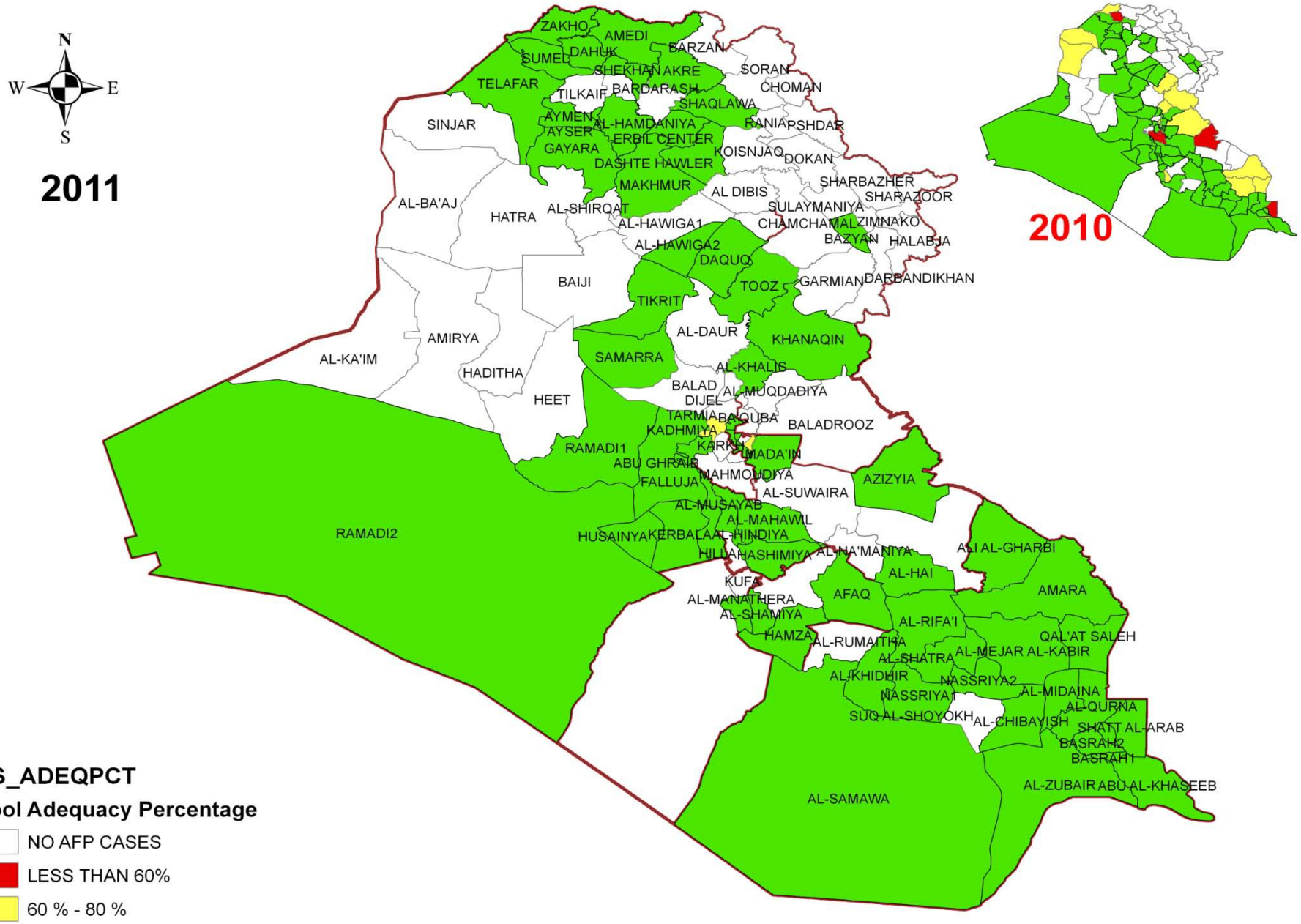
6. **Fig (7) shows that NPEV isolation rate for 2011 is similar to 2010.**
7. **Fig (8)** shows the period in days between receipt of stool specimens in NPL and collection of first stool specimen. The country as a whole and another 9 DoHs did not attain the required standard of sending at least 80% of specimen to the NPL within 3 days of collection of first stool specimens. However; 10 DoHs were able to attain the required standard.

Fig (8) % stool specimens received in NPL within 3 days of first stool collection; first 30 weeks, 2010





NPAFR/100,000 <15 population; by district, 2010 & first 30 weeks of 2011



Stools adequacy; by district, 2010 & first 30 weeks of 2011