

Weekly AFP surveillance feedback for Iraq; report 148 for week 14; 2011 ending 10/04/2011

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

During the first 14 weeks of the year 2011, 143 non-polio AFP cases were reported from all DoHs. The non-polio AFP rate of 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 14 weeks, 2011

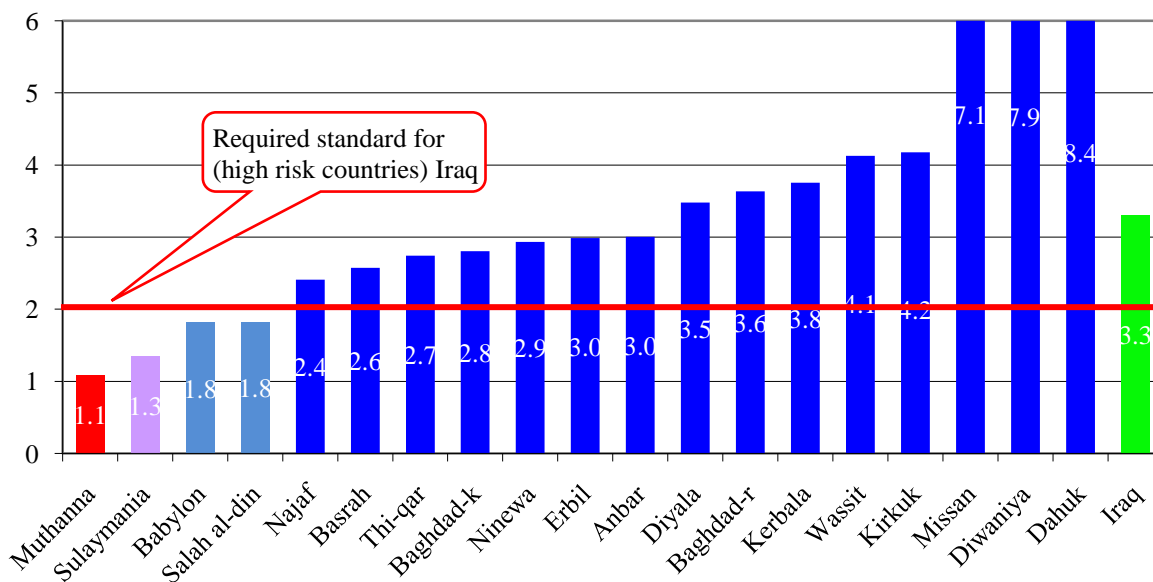


Fig (2) Non-polio AFP rate/100,000 children under 15 years, IRAQ, 98-2011*
 *2011 first 14 weeks

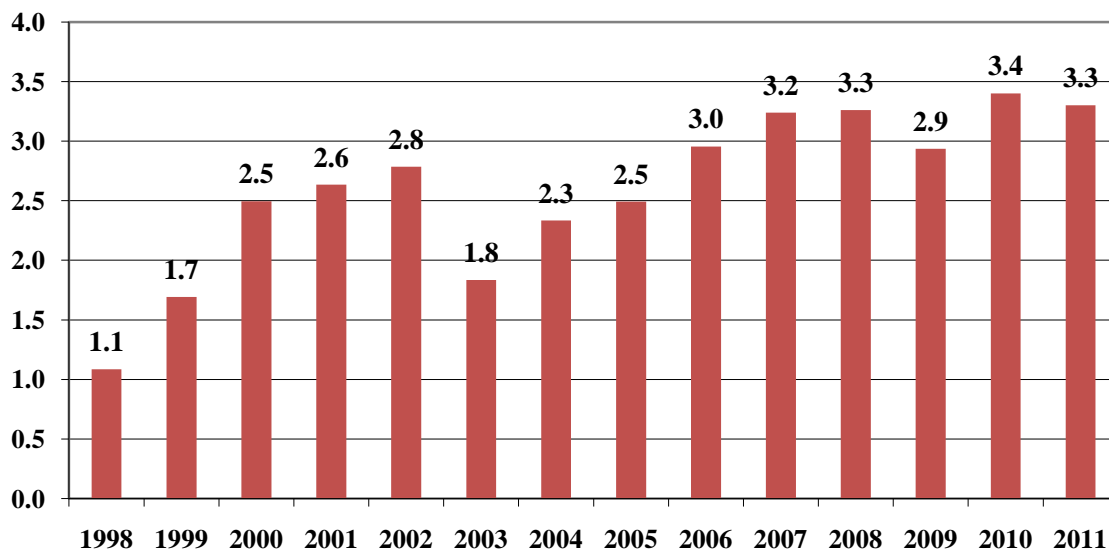


Table (1) Expected and reported non-polio AFP cases, by province, up to week 14 year 2011.

Province	Reported non-polio AFP cases	Expected cases
Muthana	1	2
Sulymania	3	4
Salah-din	3	3
Babylon	4	4
Anbar	6	4
Ba-Resafa	20	10
Ba-Karkh	15	8
Basrah	8	6
Dahuk	11	2
Diwaniya	11	3
Diyala	7	3
Erbil	6	4
Kerbala	6	2
Kirkuk	6	3
Missan	8	2
Najaf	4	3
Ninewa	12	8
Thi-qar	6	4
Wasit	6	3
Iraq	143	78

Table (1): shows that performance in the first 14 weeks of 2011.

- 15 DoHs reported more than what is expected.
- 2 DoHs reported what is expected.
- 2 DoH; reported less than what is expected. Dr. Nawroz will support Dr. Ferhad and team to correct this weakness in AFP surveillance.

Table (2) Reported non-polio AFP cases 2010 and 2011 up to week 14, Iraq

International week	Last year 2010	This year 2011
Week 1 to week 10	79	101
Week 11	13	10
Week 12	14	9
Week 14	9	13
Week 14	14	10
Total	129	143

Table (3) Reported non-polio AFP cases, 2005 –2011; first 14 weeks

Year	2005	2006	2007	2008	2009	2010	2011
Cumulative, up to Week 24	89	115	87	132	107	129	143

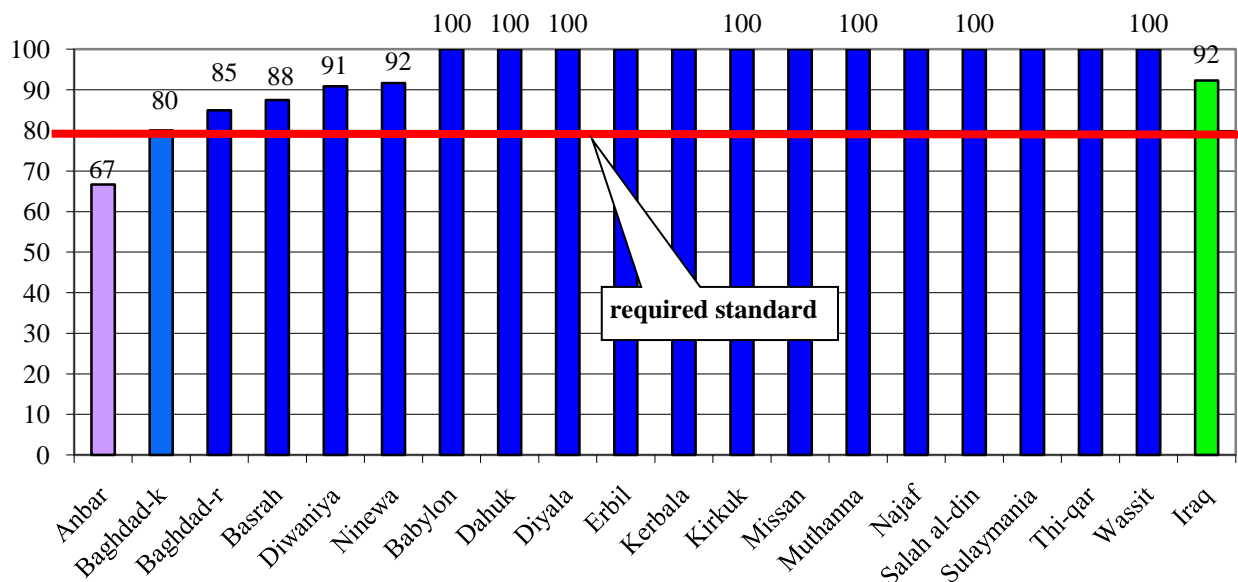
2. **The number of non-polio** AFP cases reported in the first 14 weeks of 2011 is more than what has been reported during previous years.

Province	error
IRQNI11010	Error 12
IRQQA11008	Error 17

Error12 = Date of follow-up before date of investigation

Error17 = Date of second stool collection is after date second stool received in lab

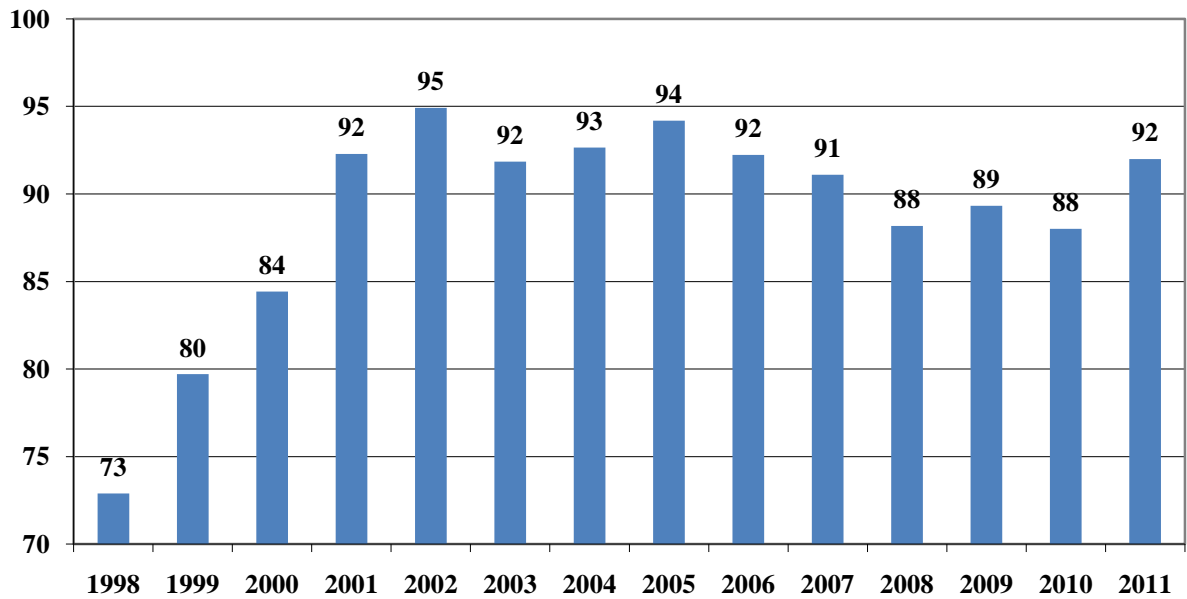
Fig (3) % Non-polio AFP cases with 2 stool specimens collected within 14 days of onset and at least 24 hours apart; first 14 weeks of 2011



3. Stool adequacy

Fig (3) shows that all DoHs that reported cases, except; Anbar; achieved the standard target of reporting = > 80% stool adequacy for non-polio AFP cases.

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



*First 14 weeks

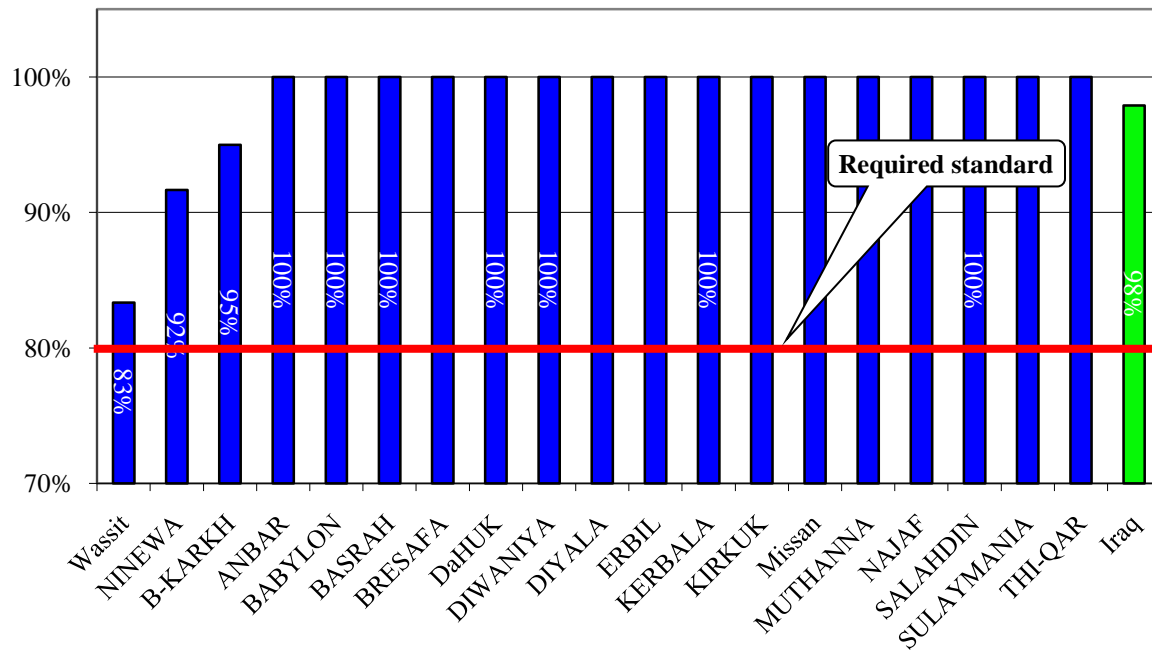
Stools Adequacy

Fig (4) shows that this year there is a noticeable improvement in adequacy that is similar to 2002-2006 figures.

4. Timely investigation

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

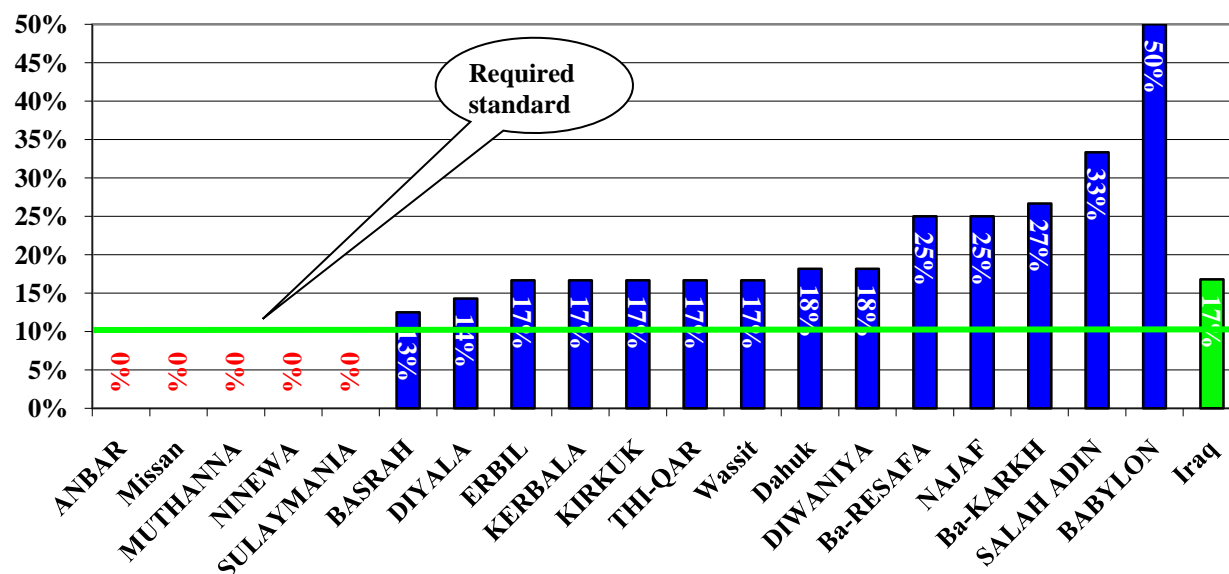
Fig (5) Non-polio AFP cases investigated within 48 hours, first 14 weeks, 2011



5. Non-polio enterovirus isolation rate:

Fig (6) shows the NPEV isolation rate for the country as a whole is 17%. The non-polio enterovirus isolation rate for the country as whole and 14 DoHs is within the required standard.

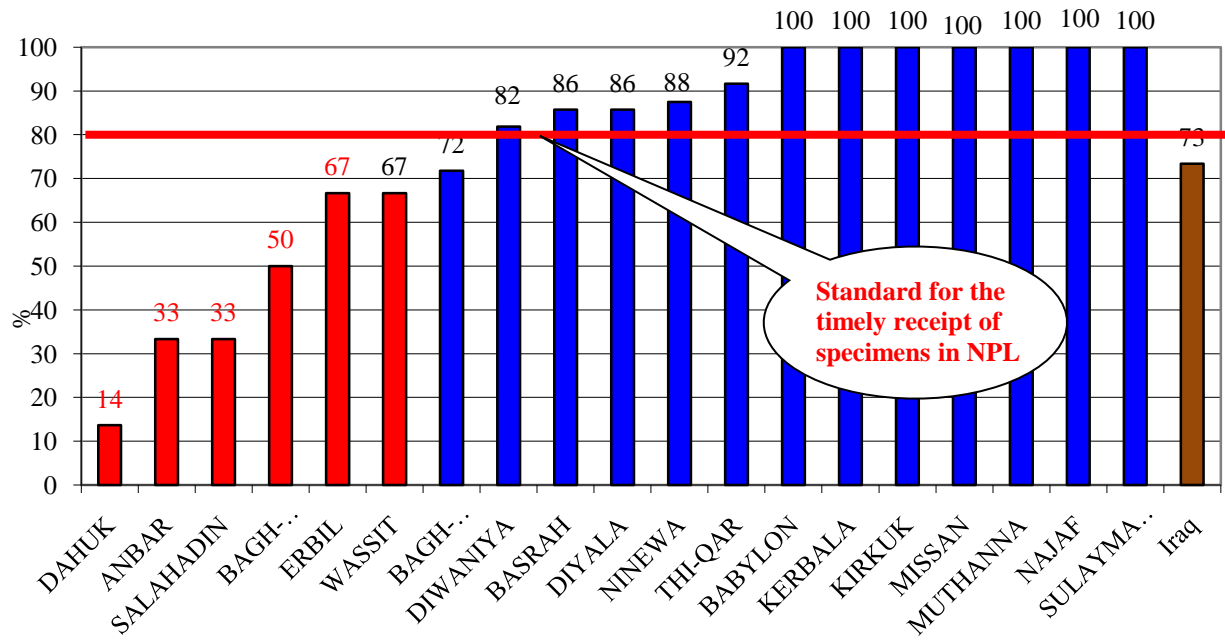
Fig (6) Non-polio enterovirus isolation rate; by province; first 14 weeks of 2011



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

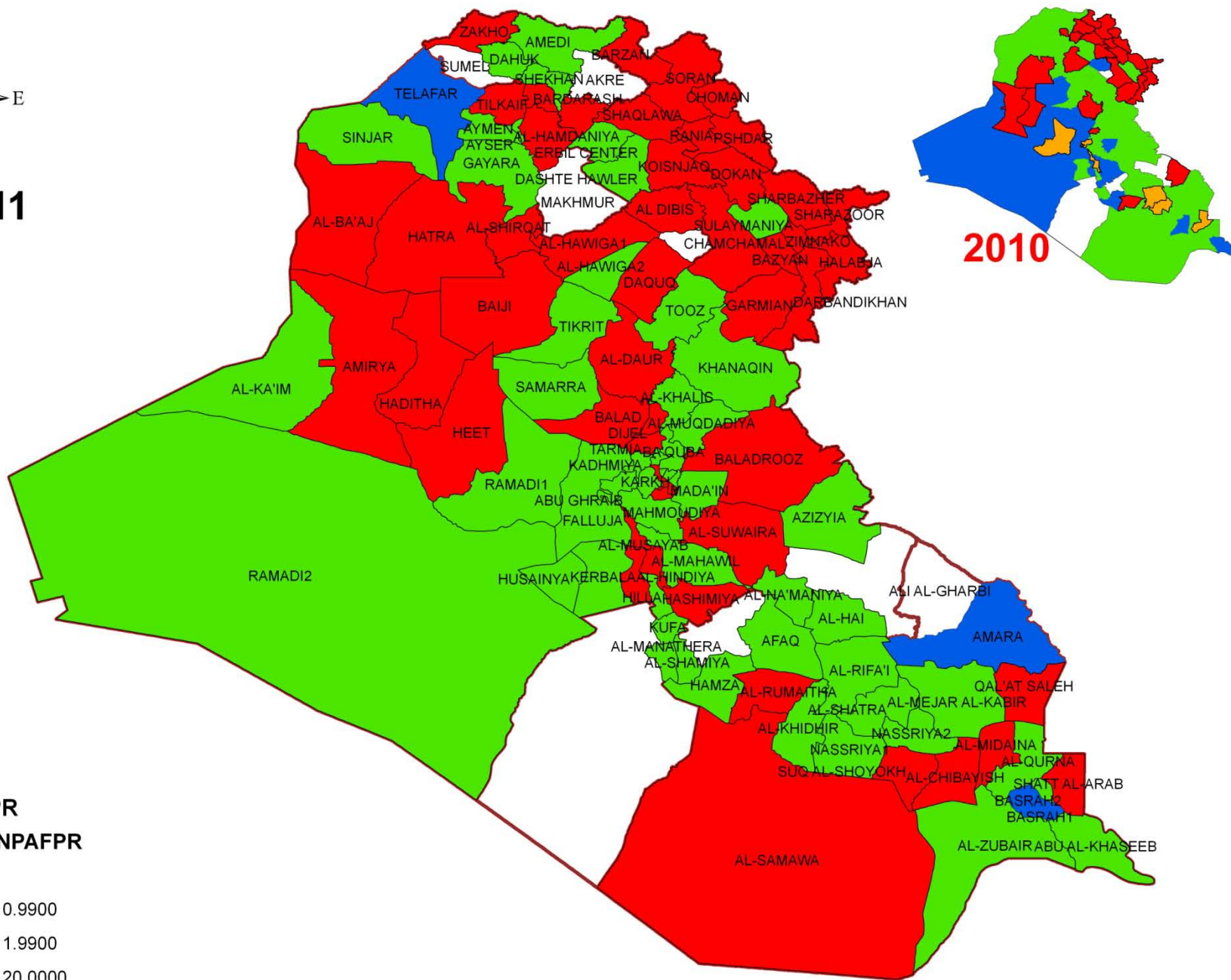
Fig (7) shows the period in days between receipt of stool specimens in NPL and collection of first stool specimen. The country as a whole and another 7 DoHs did not attain the required standard of sending at least 80% of specimen to the NPL within 3 days of collection of first stool specimens. However; 12 DoHs that reported cases were able to attain the required standard.

Fig (7) % stool specimens received in NPL within 3 days of first stool collection; first 14 weeks, 2010





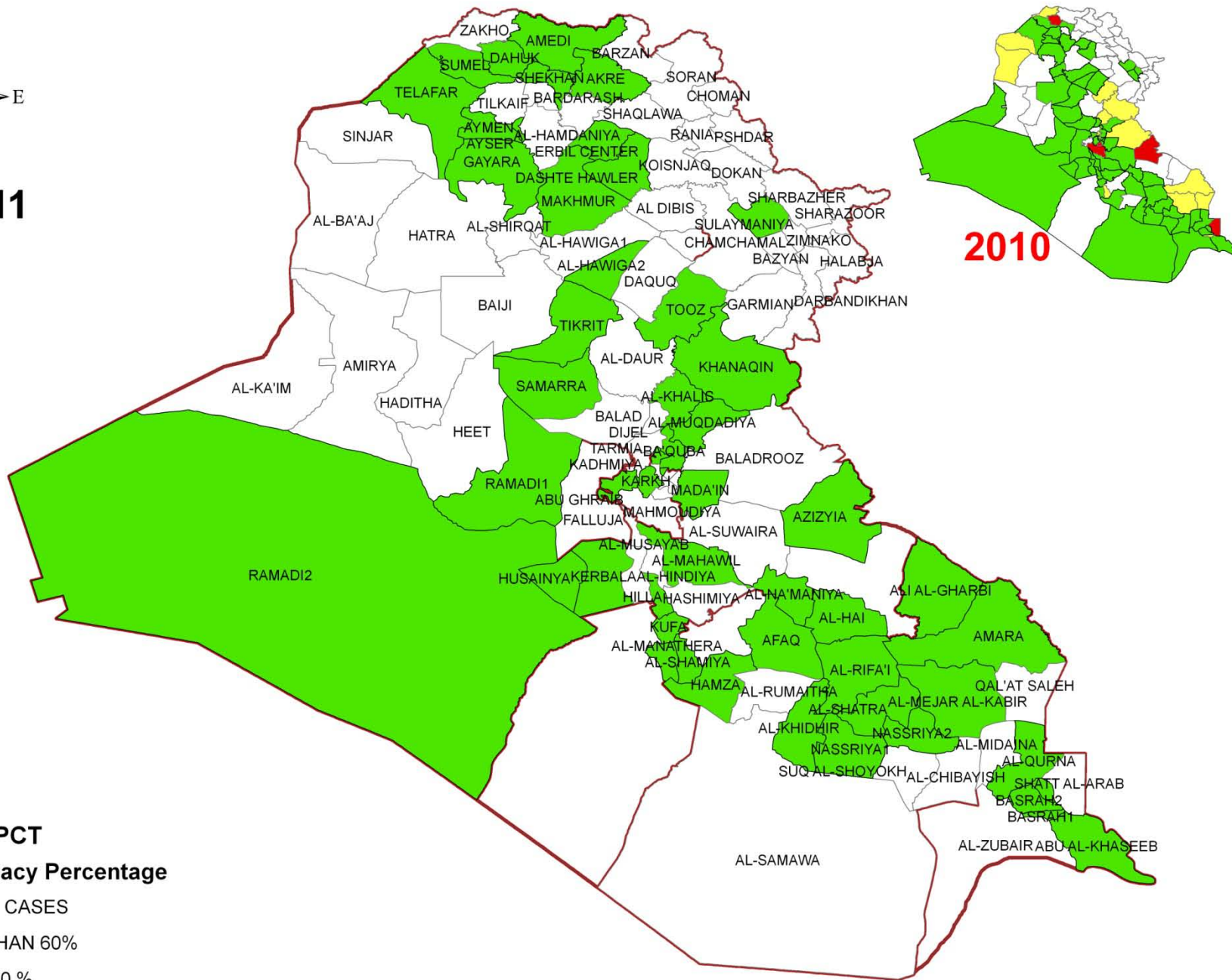
2011



NPAF rate/100,000 <15 population; by district, 2010 & first 14 weeks of 2011



2011



2010

DIS_ADEQPCT

Stool Adequacy Percentage

- NO AFP CASES
- LESS THAN 60%
- 60 % - 80 %
- 80% - 100%

Stool adequacy; by district, 2010 & first 14 weeks of 2011