



Weekly AFP surveillance feed back for Iraq; report 76 for international week 34 ending 23/08/2009

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

241 AFP cases were reported from all 19 DoHs during the first 34 weeks of 2009, The DoH of Missan reported its 5th case this week. The national AFP rate for children under the age 15 was 2 per 100,000 (Fig 1). The provinces of: Anbar, Baghdad-Kerkh and Thi Qar will need to improve their performance by enhancing advocacy and active visits.

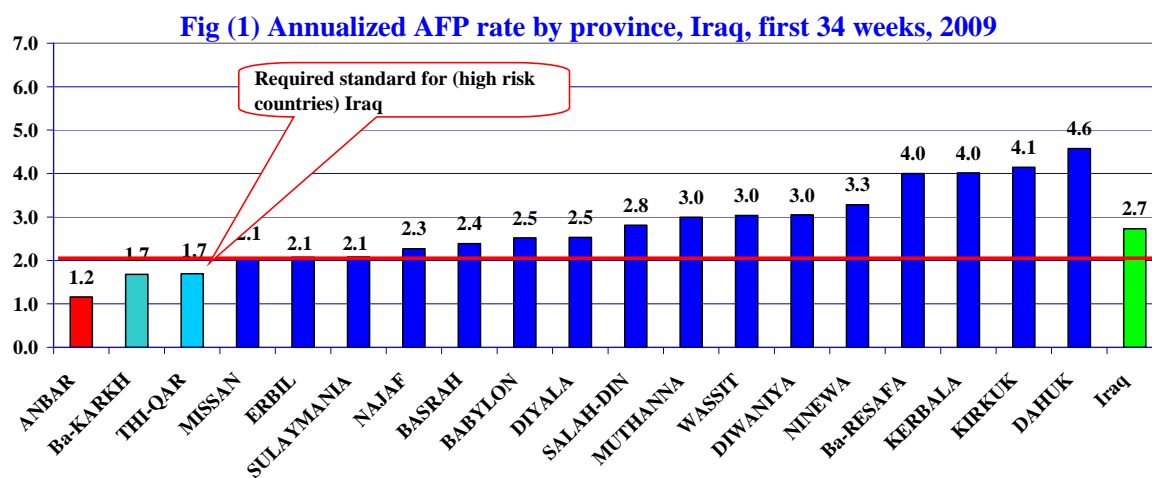


Fig (2) Non-polio AFP rate/100,000 children under 15 years, IRAQ, 99-09*

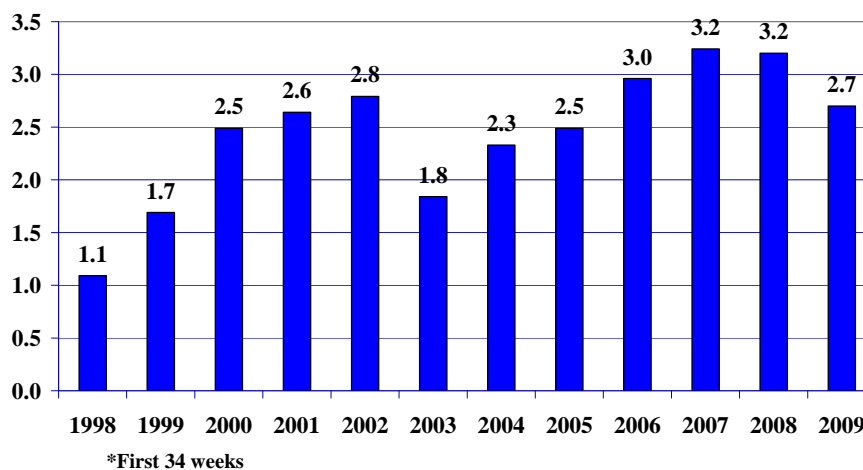


Table (1): show that performance in 4 DoHs was below expectation. In general the following is noted:

- ✓ There is good improvement in Basra, Missan, Sulamania, Babel and Dyala; hopefully all will maintain this in improvement.
- ✓ Basra, Erbil, Dyala, Najaf, Kerbala, Wasit, Salahadin, Babil, Dahuk, Baghdad- Resafa, Kirkuk, Muthana, Ninewa, and Diwanzia reported more than expected.

Table (1) Expected and reported AFP cases, by province, during the first 34 weeks of 2009 & 2008,

<i>Province</i>	Reported AFP cases	Expected cases
ANBAR	5	9
THI-QAR	8	9
Ba-KARKH	15	18
MISSAN	5	5
Erbil	9	9
DAHUK	13	6
DIWANIYA	9	6
DIYALA	11	9
BASRAH	16	13
KERBALA	11	5
KIRKUK	12	6
Ba-RESAFA	44	22
Muthana	5	3
NAJAF	8	7
NINEWA	29	17
SALAH-DIN	10	7
SULAYMANIA	10	9
BABYLON	12	9
WASSIT	9	6
Iraq	241	174

2. Table (2) Reported AFP cases during the first 34 weeks of 2008 and 2009, Iraq

International Week	11 2008	13 2009
W33	5	5
W34	7	12
Total	387	261
W4	14	11
W5	12	4
W6	12	13
W7	15	5
W8	12	2
W9	13	6
W 10	6	9
W 11	2	12
W 12	8	7
W 13	10	7
W 14	7	9
W 15	10	10
W 16	6	3
W 17	8	12
W 18	21	4
W 19	7	6
W 20	10	7
W 21	8	7
W 22	6	5
W 23	13	7
W 24	5	10
W 25	15	4
W26	12	6
W27	9	6
W28	10	7
W29	7	5
W30	5	7

3. Table (3) weekly reported AFP cases, 2005 -2009

International Week	2005	2006	2007	2008	2009
Cumulative, up to Week 21	230	276	266	317	241

The number of AFP cases reported in 2009 (241 cases) was lower than all cases reported in previous years with exception of 2005

Situation of AFP reporting during the 2008:

317 AFP cases were reported from all of the 19 DoHs.

4. Stool adequacy,

Chart 3 illustrates that all the DoHs except Dhuk and Baghdad- Kerkh achieved the standard target of reporting which is $\geq 80\%$ stool adequacy of AFP cases. The DoH of Dahuk was close to achieving this standard after reporting 2 AFP cases with inadequate stool specimen. There is no reason for Baghdad Kerkh not to achieve the required standard.

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Chart (3) % AFP cases with 2 stool specimens collected within 14 days of onset and at least 24 hours apart; first 33 weeks of 2009

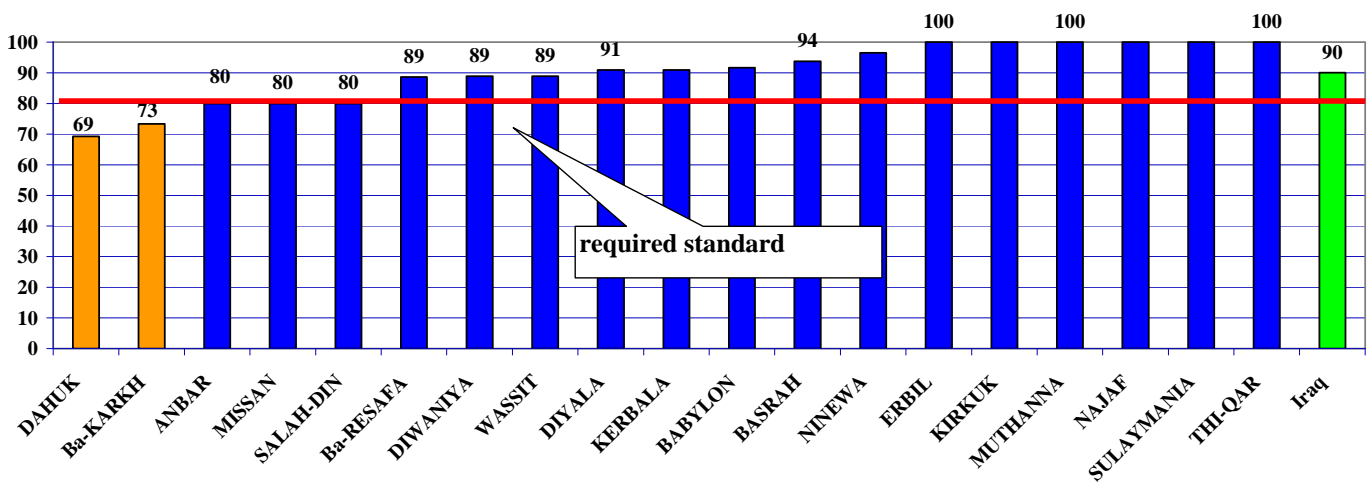
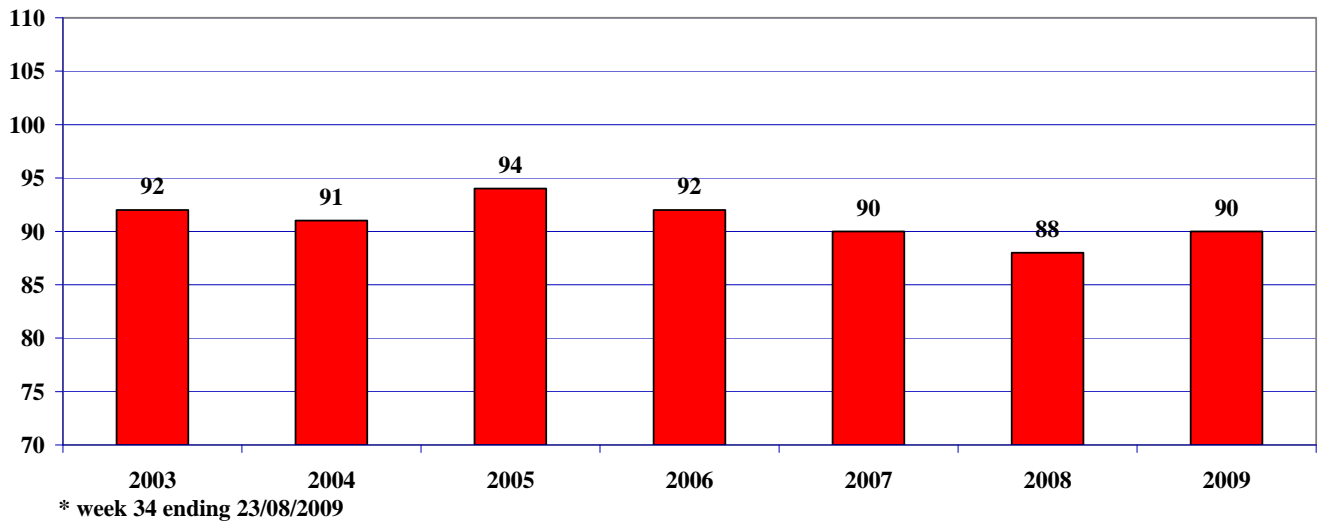
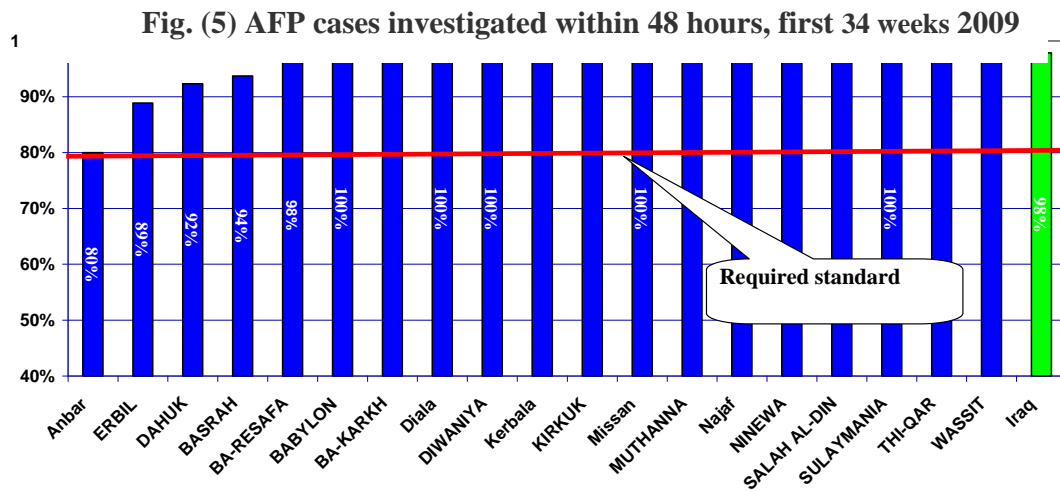


Chart 4 shows that stool adequacy have been at a consistent level of 90% since 2003

Chart (4) Stool adequacy, Iraq, 2003-2009*



5. % AFP cases with period between date of notification and date of investigation ≤ 2 days (TARGET = 80%)
 All provinces achieved the indicator for investigation of cases within 48 hours of notification.



6. Table (4) AFP cases with Errors that need correction:

IDCODE	ERROR5	ERROR4
IRQWA09008		Error4
IRQAN09001	Error5	

Error4 = Date of notification before date of onset; Wasit surveillance officer in coordination with Dr. Yosra should correct this simple error.

Error5 = Pending classification and date of onset more than 90 days ago. It is important that Salahadin surveillance staff urgently forward the final classification of this case to the national AFP surveillance officer

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

Error8 = Dates of stool collection the same date

7. Non-polio entero-virus isolation rate (Target 10%)

The NPEV isolation rate for the country as a whole is 22%. This is based on data from 19 provinces which reported cases. 16 of these provinces achieved the required standard of >10%.

Fig (6) NPEV isolation rate 1999-2009*

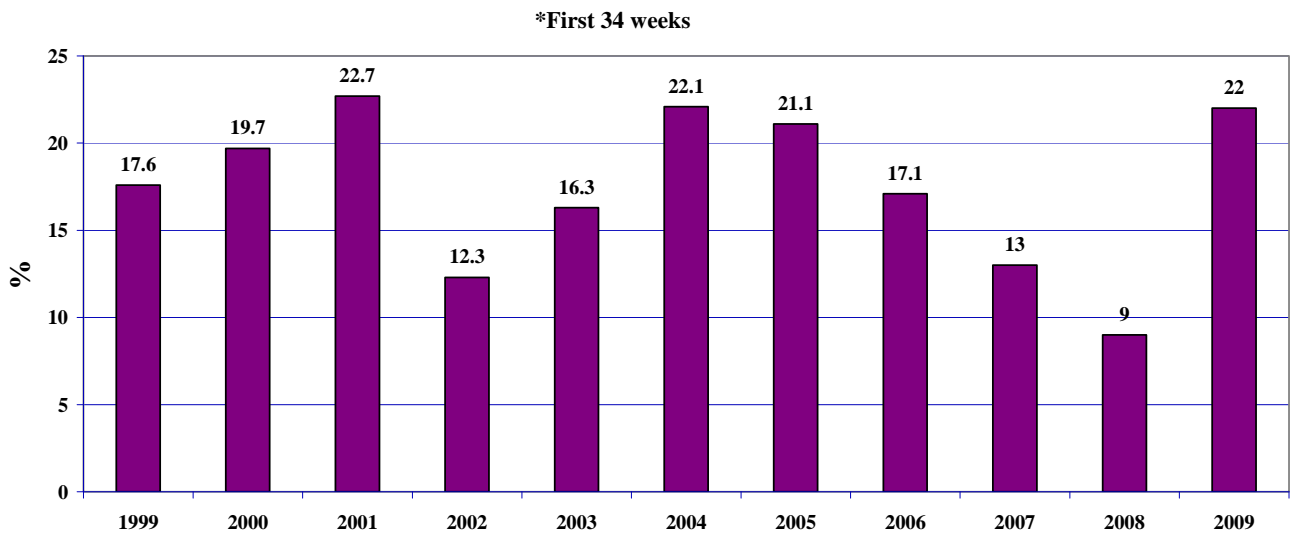
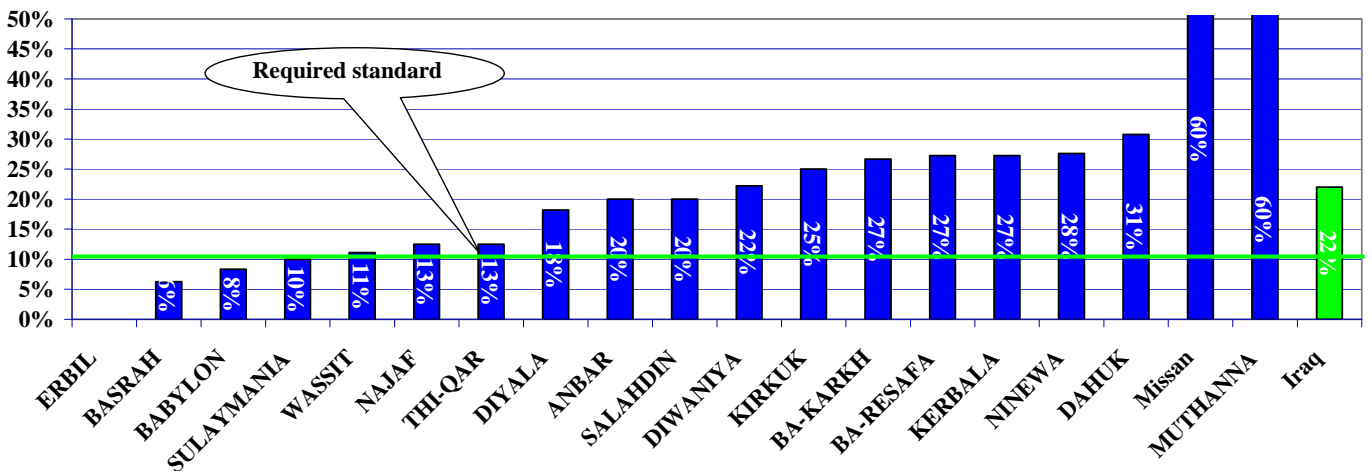


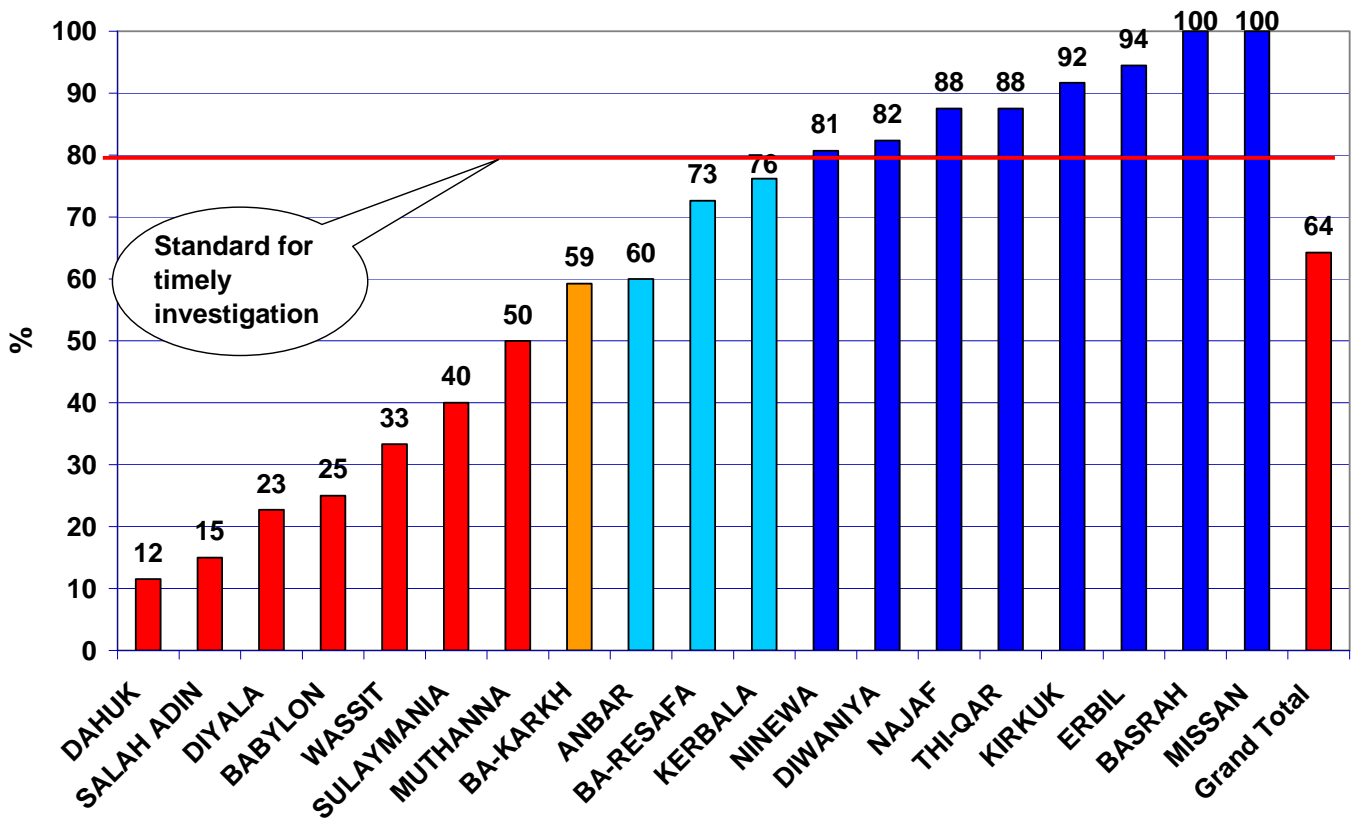
Chart (7) Non-polio entero-virus isolation rate, Iraq, first 34 weeks of 2009



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

Chart 8 shows the number of days between the receipt of stool specimens in NPL and the collection of the first stool samples. 8 out of 19 DoHs that reported cases attained the required standard of sending at least 80% of specimen to the NPL within 3 days of collecting the first stool specimens. It is annoying that the provinces nearest to the NPL are the ones that are lagging behind and pulling down the national average.

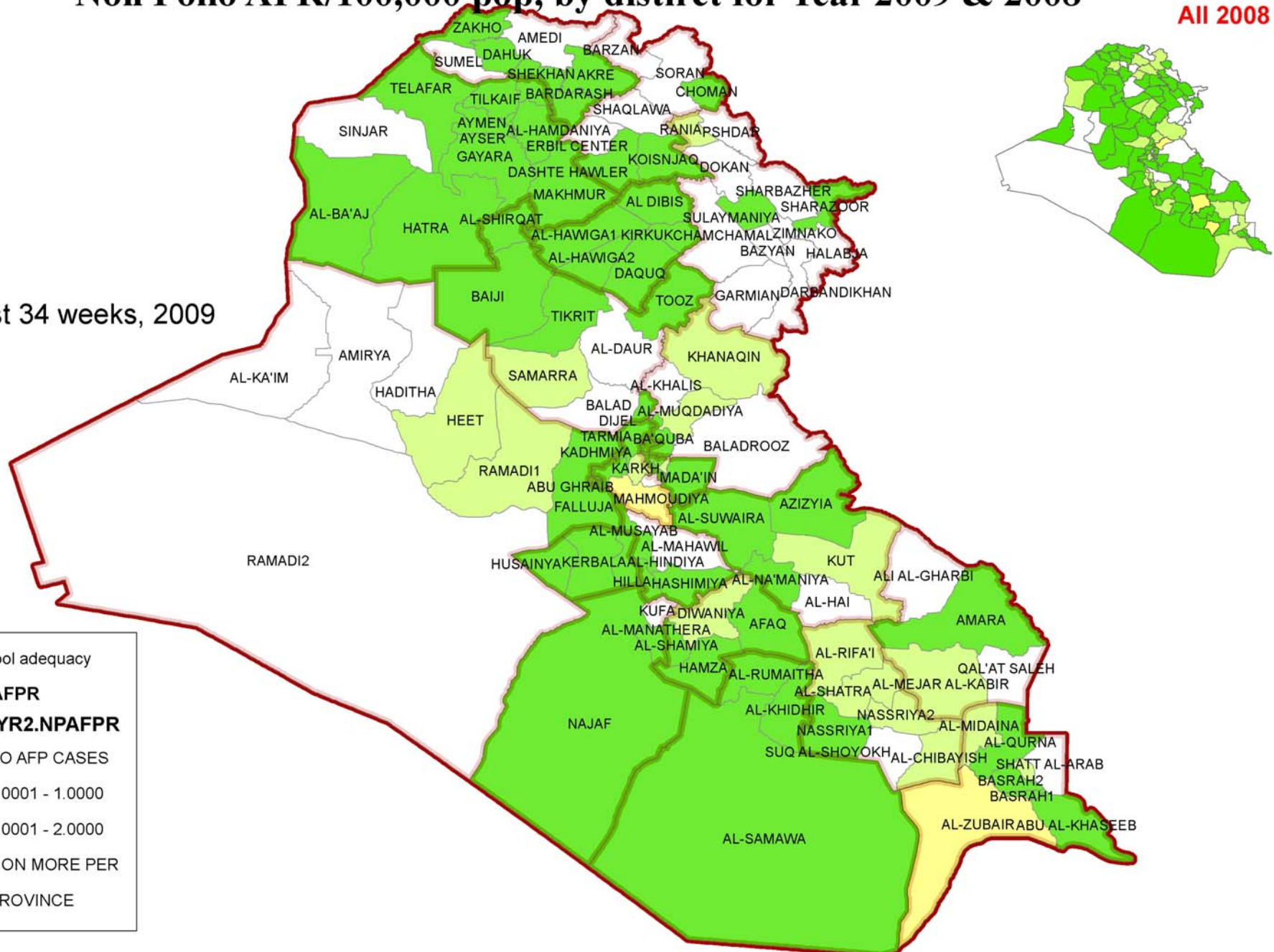
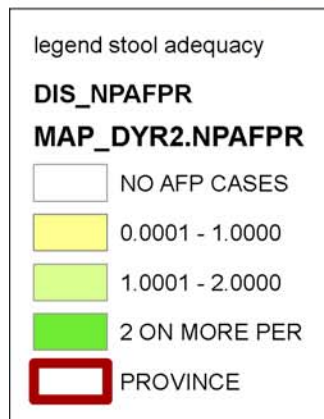
Chart (8) % stool specimens received in NPL within 3 days of first stool collection, 33 weeks weeks, 2009



Non Polio AFR/100,000 pop, by distirct for Year 2009 & 2008

All 2008

First 34 weeks, 2009



Stool adequacy., by distirct for Year 2009 & 2008

All 2008

First 34 weeks, 2009

