



## Regional Meningitis Surveillance

### Information bulletin\_ Situation end of Week 23 (02 to 08.06.03)

Date of report: 17.06.2003

#### Highlights:

- Epidemic declared over in Burkina Faso
- No district in alert in Niger during week 23

#### Number of Cases and Deaths of Suspected Meningitis Reported to WHO by Countries of the African Meningitis Belt and pathogens identified<sup>a</sup>. January 1 - June 8 (Week 23), 2003.

Country (Epidemic Districts)	Reporting weeks	Cases	Deaths	CFR %	N° Nm positive	Observations
Benin <sup>b</sup> (None)	W1 - W22	357	77	21.6	3 Nm W135 <sup>c</sup> 8 Nm A <sup>d</sup>	Vaccination done in two districts ( <i>Tangieta</i> , <i>Toucountouna</i> )
Burkina Faso (none)	W1 - W23	7,720	1,153	14.9	264 Nm A 104 Nm W135 (until week 18)	No district in alert since week 20 No lab results since w 18
Chad (None)	W1 - W16	468	77	16.5	N/A	
Ghana (None)	W1 - W19	1,393	177	12.7	26 Nm A 2 Nm W135	W135 found in none epidemic areas
Mali (none)	W1 - W23	840	59	7.0	12 Nm A 11 Nm W135 <sup>e</sup>	
Niger (none)	W1 - W23	7,953	625	7.9	346 Nm A 42 Nm W135 <sup>f</sup>	No district in alert w 23
Nigeria (N/A)	W1 - W19	3,477	296	8.5	5 Nm A 2 Nm W135 <sup>g</sup>	No data since week 19
Togo (None)	W1 - W22	313	65	20.8	35 Nm spp <sup>h</sup> Jan-March 03	Some Nm. confirmed to be A No W135 found.

<sup>a</sup> Results obtained by culture and/or Agglutination

<sup>b</sup> Data for all districts

<sup>c</sup> 1 isolated in Malanville on 17-03-2003 and 1 in Banikouara on 26-03-2003

<sup>d</sup> 1 in Sinende, 1 in Parakou and 4 in Tangieta isolated between January 1<sup>st</sup> and March 12<sup>th</sup>, 2003

<sup>e</sup> 1 in Kangaba, 3 in Yanfolila, before w13, and 1 in Koutiala, 3 in Kangaba, 2 in Selingue, 1 in Kati since w13

<sup>f</sup> in Niamey 15) Illela (5), Birni N'Konni (2), Boboye (4), Dosso (1), Gaya (3), Loga (1), Birni N' Koumi (2), Illela (5) Madoua (4), Tahoua (1), Tillaberi (3), Say (1), Tanout (1), Zinder (1)

<sup>g</sup> 1 in Miga and 1 in Sule Tankarka

<sup>h</sup> including 5 in Central region, 4 in Kara region, 26 in Savanes region

**Summary on Meningitis Epidemic per country up to week 23, 2003**

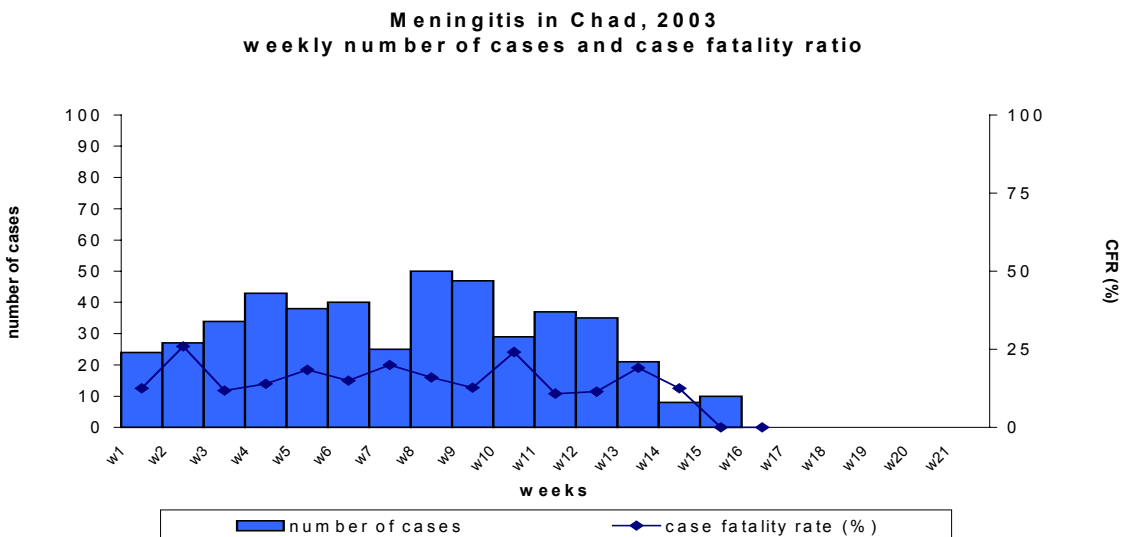
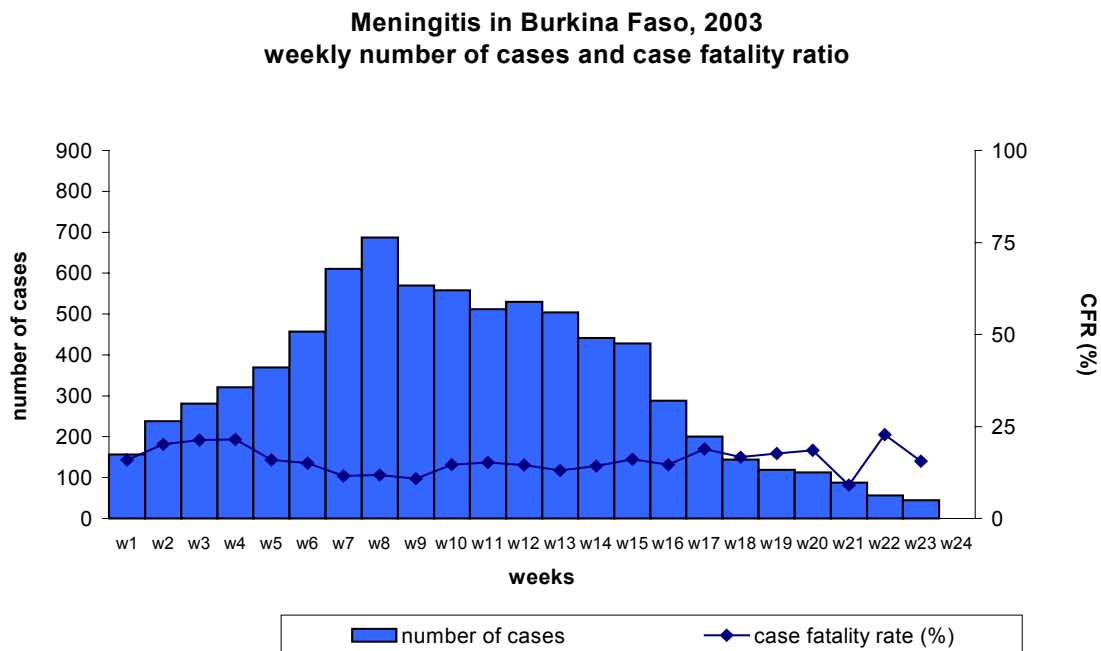
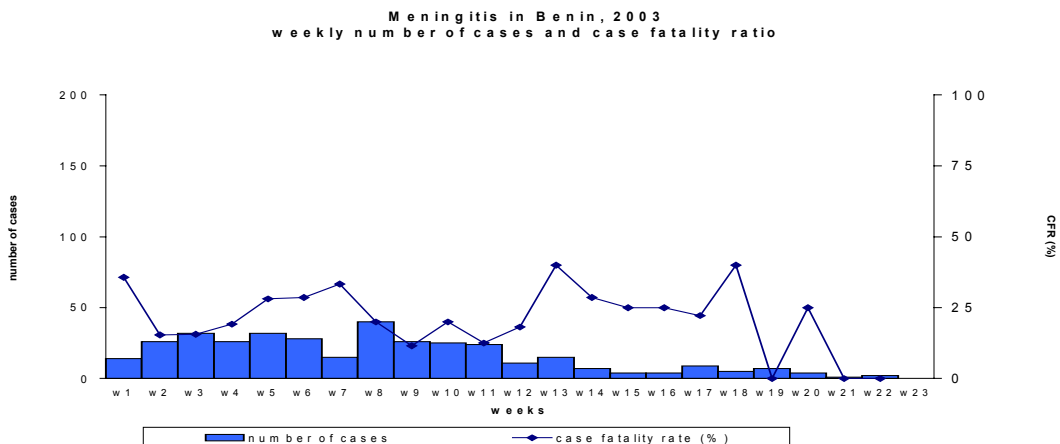
<b>Country (reporting weeks)</b>	<b>Districts* where the Alert threshold of 5 cases / 100,000 / week was exceeded at least once</b>	<b>Districts where the Epidemic threshold of 10 cases / 100,000 / week was exceeded at least once</b>
<i>BENIN</i> (w1-20)	Abomey, Bembèrèkè, Kérou, Matéri, Sinendé.	N'Dali, Tanguiéta, Toucountouna
<i>BURKINA FASO</i> (w1-21)	Barsalogo, Boromo, Dande, Dano, Diapaga, Diebouyou, Fada, Hounde, Kombissiri, Kossodo, <b>Koudougou**</b> , <b>Koupela**</b> , Nanoro, Ouragaye, <b>Reo**</b> , Sebba, Titao, Yako, <b>Zorgho**</b> .	Batie, Bogande, Boulsa, Bousse, Kongoussi, Leo, Manga, Pama, Po, Sapone, Tenkodogo, Zabre
<i>CHAD</i> (w1-16)	Kourma Moïssala	-
<i>GHANA</i> (w1-19)	Bongo, Builsa, Kassena-Nankana, Lawra, Wa, West Mamprusi	Bole, East Mamprusi, Ho, North Tongu,
<i>MALI</i> (w1-21)	Banamba, Kangaba, Kadiolo, San	-
<i>NIGER</i> (w1-19)	Abalak, Birni N'Konni, Boboye, Madaoua, Maradi, Mayahi, Niamey I, Tahoua	Aguié, Illela, Madarounfa, Magaria, Matamèye, Mirriah, Tanout, Tessaoua, Zinder.
<i>NIGERIA</i> <i>Jigawa State</i> (w1-20)	Auyo, Gwaram, K/Kasamma, Ringim, Taura, Yankwashi	Babura, Gagarawa, Garki, Gumel, Hadejia, Jahun, Kazaure, M.Madori, Maigatari, Roni, Sule Tankarkar
<i>Katsina State</i> (w1-15)	Bindawa, Kaita, Kafur, Kankarka, Kanku, Karfi, Rimi	Batagarawa, Batsari, Daura, Katsina, Musang, Mana, Dutsi, Maiduna
<i>Kano State</i>	N/A	N/A
<i>Yobbe State</i>	N/A	N/A
<i>TOGO</i> (w1-21)	Keran, Amou, Est-Mono, Wawa	-

\* Districts = LGAs in Nigeria

\*\* district neighbouring a district in epidemic, when they passed the alert threshold

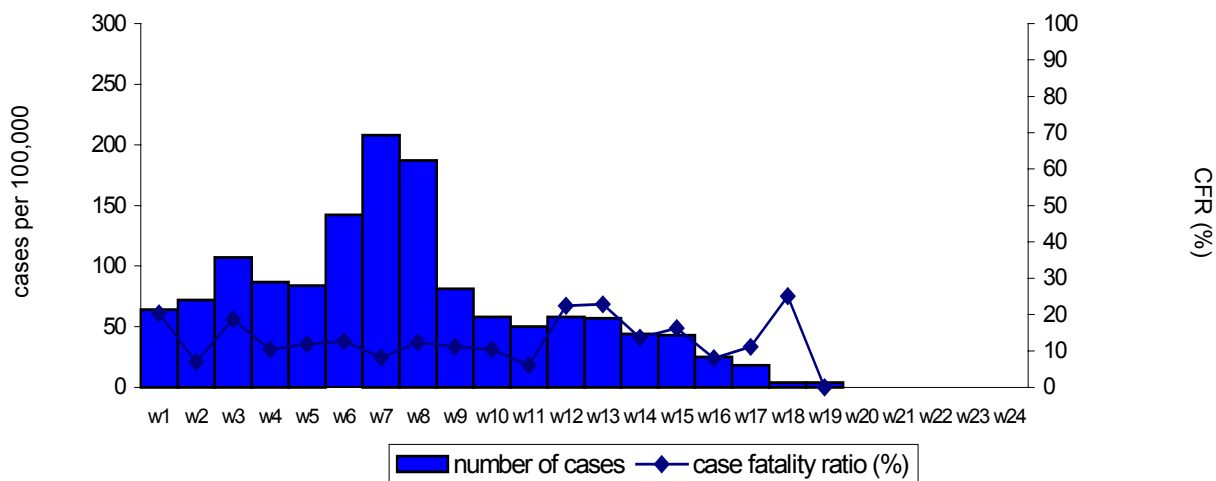


### Situation of the Suspected Meningitis Cases by Country

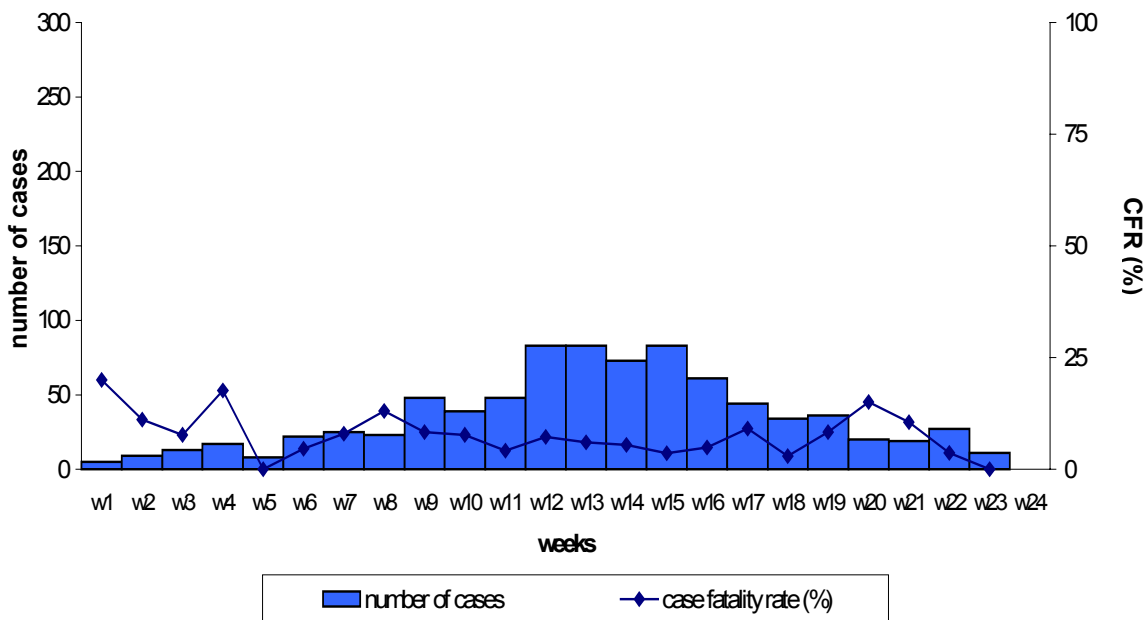




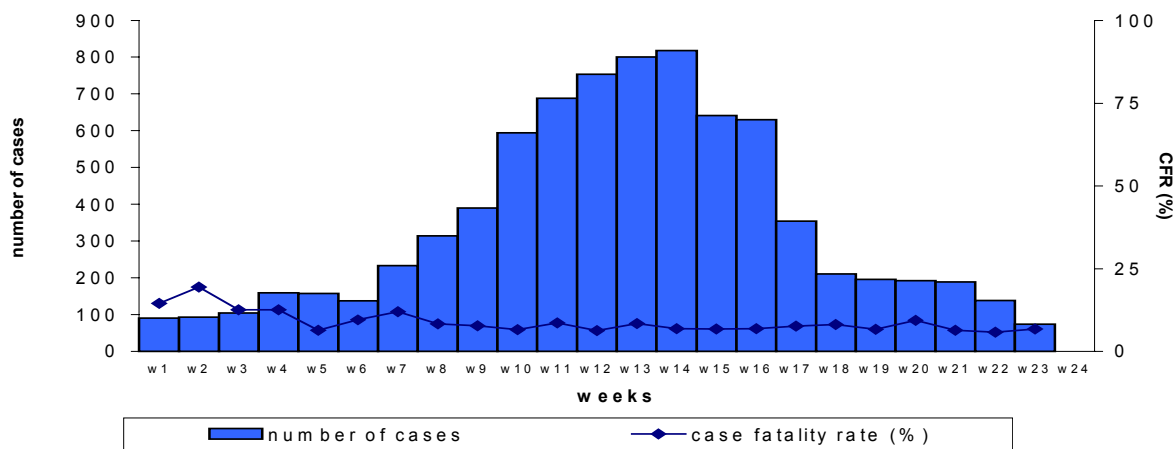
**Meningitis in Ghana, 2003**  
weekly number of cases and case fatality ratio



**Meningitis in Mali, 2003**  
weekly number of cases and case fatality ratio



**Meningitis in Niger, 2003**  
weekly number of cases and case fatality ratio

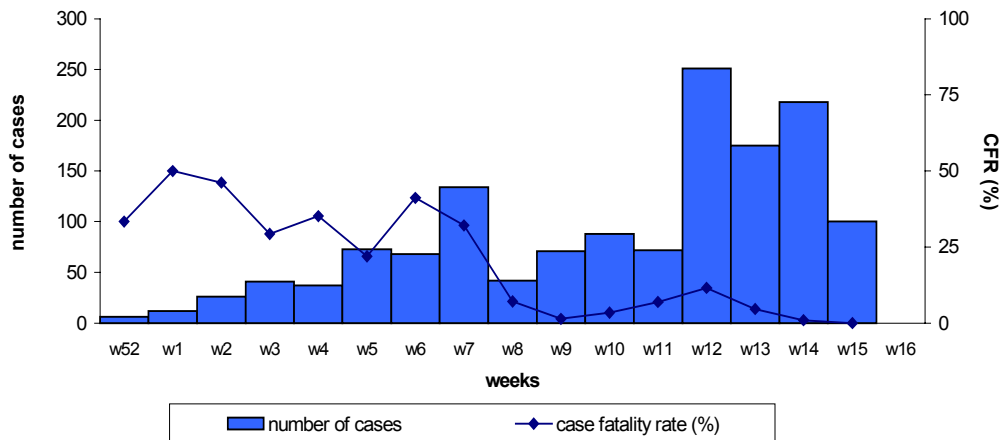




## Situation of the Suspected Meningitis Cases by Country

(data from week 52 for Jigawa and from w1 for Benue and Katsina)

**Meningitis in 3 STATES of Nigeria, 2002-03**  
(Jigawa, Benue and Katsina)  
weekly number of cases and case fatality ratio



**Meningitis in TOGO, 2003**  
weekly number of cases and case fatality ratio

