

Semaine / Week 18 2009

I. SITUATION EPIDEMIOLOGIQUE DE LA SEMAINE 18 (27 avril au 03 mai 2009) 2009
EPIDEMIOLOGICAL SITUATION OF WEEK 18 (27 April to 3 May 2009) 2009

**Tableau/ Table 1 : Situation épidémiologique de la semaine 18 (27 avril au 03 mai 2009) 2009 /
Epidemiological Situation week 18 (27 April to 3 May 2009) 2009**

Pays	Cas	Décès	Létalité (%)	District en Alerte	District en Epidémie	Complét. (%)	NmA	NmW135	Autres Nm	Pneum	Hib
Country	Case	Death	Lortality	District in Alert	District in Epidemic	Compleat (%)	NmA	NmW135	Other Nm	Pneum	Hib
Benin	1	0	0.0	0	0	98.7	-	-	-	-	-
Burkina Faso	116	14	12.1	0	0	100.0	-	-	-	-	-
Cameroun	-	-	-	-	-	-	-	-	-	-	-
Centrafrique	-	-	-	-	-	-	-	-	-	-	-
Cote d'Ivoire	9	0	0.0	0	0	93.1	-	-	-	-	-
Ethiopia	-	-	-	-	-	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-	-
Guinée	-	-	-	-	-	-	-	-	-	-	-
Mali	8	1	12.5	0	0	100.0	-	-	-	-	-
Niger	353	11	3.1	3	2	100.0	-	-	-	-	-
Nigeria	709	17	2.4	13	10	70.8	-	-	-	-	-
RD Congo**	109	12	11.0	6	1	13.1	-	-	-	-	-
Tchad	17	3	17.6	0	0	100.0	-	-	-	-	-
Togo	4	1	25.0	0	0	100.0	-	-	-	-	-
Total	1 326	59	4.4	22	13	66.0	-	-	-	-	-

* Identification par / identification by: PCR, LATEX, CULTURE

** Définition des seuils d'alerte/épidémique non applicable à ce pays situé en dehors de la ceinture de la méningite
Definition of alert/epidemic thresholds not applicable to this country outside the meningitis belt

Commentaires:

Niger :

- District en épidémie: Bilma et Tera
- District en alerte: Boboye, Keita et Tillabéri.

Nigeria : 9 LGAs en épidémie et 13 LGAs en alerte
(Voir les détails à la page 3,4 et 5).

RD. Congo :

- District en épidémie: Gombari
- District en alerte : Tchomia, Gombe, Kambove, Lemete, Lubudi et Panda

Comments:

Niger:

- District in epidemic : Bilma and Tera
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Nigeria: 9 LGAs in epidemic and 13 LGAs in alert
(See details on page 3, 4 and 5).

DR Congo:

- District in epidemic: Gombari
- District in alert : Tchomia, Gombe, Kambove, Lemete, Lubudi and Panda

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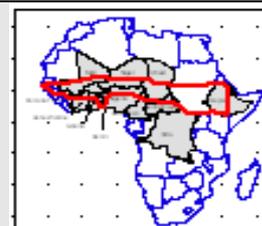
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Pays sous Surveillance
Renforcée de la Méningite dans
la Région Africaine de l'OMS

Countries under Enhanced
Surveillance of Meningitis in the
WHO African Region



II. SYNTHÈSE DE LA SITUATION ÉPIDÉMIOLOGIQUE 2009 (SEMAINES NOTIFIÉES 01 – 18)
 SYNTHESIS OF THE EPIDEMIOLOGICAL SITUATION 2009 (REPORTED WEEKS 1 – 18)

Tableau/ Table 2: Synthèse de la situation épidémiologique (semaines notifiées)/
 Synthesis of the epidemiological situation (reported weeks)

Pays	Cas	Décès	Létalité (%)	District en Alerte	District en Epidémie	Semaines notifiées	En districts (%)	En semaines (%)
Country	Case	Death	Letality (%)	District in Alert	District in Epidemic	Reported weeks	In districts (%)	In weeks
Benin	197	24	12.2	1	0	01-18	98.7	99.9
Burkina Faso	3 645	463	12.7	11	3	01-18	100.0	100.0
Cameroun	-	-	-	-	-	-	-	-
Centrafrique	275	43	15.6	2	1	01-17	100.0	83.1
Côte d'Ivoire	185	34	18.4	0	0	01-18	100.0	76.0
Ethiopia	41	6	14.6	0	0	01-15	-	-
Ghana	119	20	16.8	0	0	01-10	-	-
Guinée	-	-	-	-	-	-	-	-
Mali	195	16	8.2	0	0	01-18	100.0	100.0
Niger	12 182	484	4.0	12	23	01-18	100.0	100.0
Nigeria	50 904	2 269	4.5	47	166	01-18	70.8	99.9
RD Congo**	2 175	232	10.7	27	5	01-18	20.3	84.4
Tchad	1 199	133	11.1	6	3	01-18	100.0	98.6
Togo	181	22	12.2	1	0	01-18	100.0	99.5
Total	71 298	3 746	5.3	107	201	01-18	69.8	96.7

** Définition des seuils d'alerte/épidémique non applicable à ce pays situé en dehors de la ceinture de la méningite
 Definition of Alert/epidemic thresholds not applicable to this country outside the meningitis belt

Commentaires:	Comments:
<p>Cette année 2009, les 2 pays les plus affectés ont notifiés 88.5 % du total des cas :</p> <ul style="list-style-type: none"> ➢ Le Nigeria 71.4 % des cas avec 50 904 cas dont 2 269 décès et 166 LGAs qui ont franchis le seuil épidémique ➢ Le Niger 17.1 % des cas avec 12 182 cas dont 484 décès et 23 districts qui ont franchis le seuil épidémique. <p>Au contraire, le Burkina Faso reste relativement moins affecté cette année comparativement aux trois (3) années précédentes (2008, 2007 et 2006).</p>	<p>. This year 2009, the 2 most affected countries have reported 88.5 % of total cases:</p> <ul style="list-style-type: none"> ➢ Nigeria 71.4 % of cases with 50 904 cases and 2 269 deaths, 166 LGAs surpassed the epidemic threshold ➢ Niger 17.1 % of cases with 12 182 cases and 484 deaths, 23 districts surpassing the epidemic threshold. <p>To the contrary, Burkina Faso remained calm this year compared to the last three (3) years (2008, 2007, 2006)</p>

**Tableau/ Table 3: Pathogènes identifiés par PCR, Latex, Culture (semaines notifiées 2009)/
 Pathogens identified by PCR, Latex, Culture (reported weeks 2009)**

Pays	Nombre LCR	LCR contam	LCR négativ	NmA	NmW135	Autres Nm	S.Pneum	Hib	Autres Patho
Country	Number LCR	LCR contam	LCR negativ	NmA	NmW135	Other Nm	S.Pneum	Hib	Other Patho
Benin	114	0	49	0	3	0	45	0	17
Burkina Faso	275	5	151	36	3	0	78	0	2
Cameroun	-	-	-	-	-	-	-	-	-
Centrafrique	-	-	-	-	-	-	-	-	-
Cote d'Ivoire	89	0	84	0	0	1	2	1	0
Ethiopia	-	-	-	-	-	-	-	-	-
Ghana	11	0	0	1	1	0	8	1	0
Mali	53	0	34	16	2	0	1	0	0
Niger	2 814	0	1 486	1 192	4	3	55	8	36
Nigeria	105	0	42	53	7	0	2	0	1
RD Congo	-	-	-	-	-	-	-	-	-
Tchad	295	0	116	45	59	0	67	8	0
Togo	-	-	-	-	-	-	-	-	-
Total	3 756	5	1 962	1 343	79	4	258	18	56

Pathogen Identification par /Pathogen identification by: PCR, LATEX, CULTURE

Commentaires:	Comments:
<p>La proportion des cas suspects ayant bénéficié de prélèvement d'échantillon et de résultats laboratoire reste faible en dehors du Niger où un effort appréciable est fait chaque année pour la confirmation du maximum de cas suspects.</p>	<p>The proportion of cases with laboratory samples taken is globally weak in the countries except in Niger where every year the system in place allows them to get a good number of laboratory confirmed cases.</p>

Situation Épidémiologique de la méningite du Nigeria 2009/ (1/3)

Meningitis epidemiological situation 2009

SN	State	LGA	Population	Wk 01 Attack Rate	Wk 02 Attack Rate	Wk 03 Attack Rate	Wk 04 Attack Rate	Wk 05 Attack Rate	Wk 06 Attack Rate	Wk 07 Attack Rate	Wk 08 Attack Rate	Wk 09 Attack Rate	Wk 10 Attack Rate	Wk 11 Attack Rate	Wk 12 Attack Rate	Wk 13 Attack Rate	Wk 14 Attack Rate	Wk 15 Attack Rate	Wk 16 Attack Rate	Wk 17 Attack Rate	Wk 18 Attack Rate
1	Adamawa	Gombi	159,541									1.25			5.64	2.51	2.51				
2	Adamawa	Guyuk	193,705									6.19	6.19	17.55	23.75	9.81	6.71	3.10	4.13		
3	Adamawa	Lamurde	122,904							4.07	4.88	20.34	5.70	8.95	1.63	1.63					
4	Adamawa	Madagali	146,900		0.68	0.68				10.21	2.72	6.13				2.72	7.49				
5	Adamawa	Maiha	121,174												1.65	11.55	3.30				
6	Adamawa	Mayo Belwa	166,841										3.60	7.19	8.99						
7	Adamawa	Michika	169,209	0.59	1.18	2.95	1.77	6.50		4.14	4.73	12.41	2.95	6.50	6.50	4.14	1.77	3.55	1.77		1.18
8	Adamawa	Numan	98,847								1.01	1.01	1.01	8.09	8.09	5.06				3.03	
9	Adamawa	Shelleng	162,418							1.23	5.54	7.39	42.48	33.86	25.24	25.86					
10	Adamawa	Song	209,953							1.91	4.29	4.76	12.86	3.33	8.57	7.14	4.29				
11	Adamawa	Yola North	216,000	0.46						0.46				4.17	5.56	7.87	2.31	3.24	6.48		
12	Adamawa	Yola South	212,034								0.94	0.47	0.47	1.41		8.49					
13	Bauchi	Alkaleri	364,141									6.32	5.77	0.82	0.82	14.83	12.08	3.30	3.02	1.92	1.10
14	Bauchi	Bauchi	545,911			0.37		0.55	0.18	0.18	7.69	6.59	3.85	7.33	7.14	10.07	20.33	23.26	27.84	3.85	3.30
15	Bauchi	Bogoro	93,100								2.15	8.59	17.19	65.52	22.56	37.59	3.22	4.30	9.67	12.89	3.22
16	Bauchi	Damban	166,845	1.20	2.40	4.20	9.59	7.19	17.98	28.77	49.75	23.37	50.95	23.37	25.77	23.97	22.78	22.18	19.18	10.19	2.40
17	Bauchi	Darazo	278,142					0.36	0.36	8.99	3.60	6.83	12.58	10.07	20.13	26.61	20.85	15.10	9.35	5.75	0.72
18	Bauchi	Dass	99,433						1.01			4.02	13.07	1.01	7.04	5.03	5.03	12.07	10.06	4.02	
19	Bauchi	Gamawa	316,604					0.95	0.63	2.53	3.47	4.11	4.42	8.84	7.90	3.47	4.74	13.58	5.37	3.79	0.63
20	Bauchi	Ganjuwa	310,059			0.32					1.94		11.61	13.22	50.64	45.15	58.12	21.93	17.74	35.15	0.65
21	Bauchi	Giade	173,530	0.58					1.15	19.59	7.49	24.20	40.92	38.03	78.95	76.07	66.27	59.36	29.97	14.98	
22	Bauchi	Itas-Gadua	254,282				2.75	1.57		1.97	11.41	17.30	6.69	46.41	22.02	31.46	78.30	25.96	13.77	7.08	9.44
23	Bauchi	Jama'Are	130,321							6.91	15.35	16.88	17.65	33.76	65.99	45.27	216.39	39.90	42.20	13.81	19.95
24	Bauchi	Katagum	327,197						4.89	6.11	22.62	12.23	24.45	38.51	33.92	50.73	41.57	16.20	25.37	11.31	3.97
25	Bauchi	Kirfi	163,193					1.23					1.23	5.51	5.51	6.74	41.08	16.54	7.35	6.13	
26	Bauchi	Misau	291,287						1.37		2.06	3.78	3.43	4.12	4.12	17.51	27.46	21.97	10.30	7.55	1.72
27	Bauchi	Ningi	428,044		1.64							0.93	4.91	6.07	5.84	19.86	10.51	16.12	39.95	12.38	5.14
28	Bauchi	Shira	258,704					1.55		6.57	9.28	8.89	15.08	14.30	15.46	17.39	14.69	10.44	11.60	4.64	1.55
29	Bauchi	T/Balewa	243,198									4.93	6.99	3.29	3.70	5.35	6.99	2.47	7.81	5.35	
30	Bauchi	Toro	387,374								3.10	1.29	0.52	2.84	4.90	2.32	8.78	8.00	5.16	4.39	0.77
31	Bauchi	Warji	126,824							5.52	3.94		3.94	14.98	9.46	16.58	8.67	6.31	43.37	0.79	3.15
32	Bauchi	Zaki	211,657					0.94	3.31		5.20	3.31	7.09	20.32	4.72	8.98	4.25	10.39	12.78	8.98	2.83
33	Borno	A/Uba	152,661								1.31	1.97			5.90	1.97	7.86	8.52			
34	Borno	Bayo	87,311		5.73	5.73	16.03	8.02	10.31	18.33	18.33	35.51		37.80	93.92	64.14	49.25	28.63			2.29
35	Borno	Biu	194,649				1.54	1.03	3.60	4.11	8.22	13.38	8.22	8.73	7.71	17.47	13.36	20.04	2.05		1.03
36	Borno	Hawul	133,008								3.01	9.02	3.01	2.26		1.50	1.50				1.50
37	Borno	Jere	233,488									1.28		2.14		2.14	7.28	14.99	34.69		2.14
38	Borno	Kaga	99,512										2.01		2.01	4.02	5.02	10.05	5.02		13.06
39	Borno	Kw/ Kusar	62,461								1.60	17.61	14.41	97.66	67.24	35.22	24.01	9.61		8.00	
40	Borno	Shani	113,112						13.26	18.57	3.54	7.98		0.88		6.19	1.77				
41	Borno	Dambo	256,006										0.78	5.47	6.64	8.20	4.30	2.34	10.94		1.95
42	Gombe	Akko	371,336							1.62	4.58	7.81	16.43	16.70	16.97	31.51	16.97	14.81	7.00	3.23	
43	Gombe	Balanga	233,614							4.28	4.28	23.54	3.85	21.83	65.92	47.94	29.11	25.26	8.99	4.71	
44	Gombe	Billiri	222,177								3.60	9.90	9.90	13.05	9.00	11.25	4.50	1.80	4.95		0.45
45	Gombe	Dukku	227,724			0.88			2.63	2.20	23.27	16.25	13.61	45.23	24.59	36.20	21.08	16.25	5.71	0.44	
46	Gombe	Funakaye	259,484			0.39	2.31	5.40	16.57	12.72	25.05	46.25	48.56	38.54	40.08	50.48	40.46	34.30	14.26	5.01	
47	Gombe	Goribe	294,580		1.02	0.68	0.68	0.34	4.75	5.77	15.62	20.37	25.80	26.82	33.95	55.34	39.38	17.85	6.45	3.39	2.72
48	Gombe	Kaltungo	164,651			1.21			1.82	3.84	15.79	31.58	45.55	52.84	63.77	44.94	27.33	21.86	4.25		1.82
49	Gombe	Kwami	214,653						0.93	3.26	3.73	2.33	9.78	22.83	20.03	20.96	20.03	20.50	10.25		
50	Gombe	Nafada	151,880					4.61	5.27	9.22	5.93	13.83	12.51	23.04	15.14	31.60	33.58	14.49	7.90	1.32	
51	Gombe	Shongom	166,536				0.60	0.60		1.20	5.40	9.61	1.20	6.61	9.01	3.60	1.20	10.21	3.00	0.60	
52	Gombe	Yamattu Deba	280,544						0.71	4.63	12.12	37.78	44.56	50.62	75.21	83.77	95.89	51.33	30.30	13.90	8.55
53	Jigawa	Auyo	143,821					6.28	2.09	10.43	0.70	20.88	9.04	8.34	32.68	14.60			14.60	22.25	
54	Jigawa	Babura	226,736		0.88	1.32		8.82	2.65	4.41	3.09	3.53	8.82								
55	Jigawa	Birnin-Kudu	341,435	0.29	1.76	2.05	2.64	3.22	7.32	10.54	27.53	41.30					55.35		16.40	52.43	
56	Jigawa	Birniwa	155,074						3.22	0.64	7.09		35.47	0.64	15.48		38.11	29.02			
57	Jigawa	Buji	106,090				4.71	4.71	4.71	4.71	9.43	18.85	23.56	34.88	229.05				83.89	103.69	
58	Jigawa	Dutse	268,184	1.12	0.37	0.75	0.75	1.49	2.24		8.95	2.98	14.92	14.92	22.37	28.71		16.78		12.30	
59	Jigawa	Gagarawa	87,593			12.56			28.54		43.38		15.98		83.93	67.36			52.52		27.40
60	Jigawa	Garki	165,865				0.60		3.62		0.60		17.48		28.94	47.63		44.61	36.78		
61	Jigawa	Gumel	116,757			1.71	6.85	22.27			47.96		20.56		54.81			36.83	34.26	37.69	
62	Jigawa	Guri	125,318				0.80					7.18	9.58	11.97	35.91			81.39	43.89	22.34	
63	Jigawa	Gwaram	296,991					0.67			4.71	9.08	11.45	23.57	23.57			53.20	6.73	16.84	
64	Jigawa	Gwiwa	135,667									2.21	6.63	9.58		14.00		11.06	6.63	5.18	
65	Jigawa	Hadejia	115,087			0.87	1.74		1.74	31.28		18.25	36.49	20.85	28.67	32.15					29.54
66	Jigawa	Jahun	249,609			1.60			2.40		18.03	15.22	4.81	7.21		47.67		18.03	18.83		
67	Jigawa	Kafin Hausa	295,331	1.69	1.69			9.14	43.34	40.29	62.64	3.39		2.37	4.40	28.10					
68	Jigawa	Kaogama	139,414					0.72	4.30	10.76	17.93	5.74	45.19	43.04	13.63	41.60	98.12	28.89			
69	Jigawa	Kazauru	175,955				1.70	1.70	6.25	6.25	8.52	10.80	8.52		19.89	5.68			3.41	4.55	
70	Jigawa	Kiri-Kasamma	208,673						0.48		0.96	6.71	6.71	9.58	7.67	3.35				7.19	
71	Jigawa	Kiyawa	188,397	1.59	0.53	1.06	1.06	5.31	13.27	11.15	14.33	28.13	28.13	35.56	3.72	44.59	9.02		10.62	20.70	

Situation Épidémiologique de la méningite du Nigeria 2009/ (2/3)
Meningitis epidemiological situation 2009

SN	State	LGA	Population	Wk 01 Attack Rate	Wk 02 Attack Rate	Wk 03 Attack Rate	Wk 04 Attack Rate	Wk 05 Attack Rate	Wk 06 Attack Rate	Wk 07 Attack Rate	Wk 08 Attack Rate	Wk 09 Attack Rate	Wk 10 Attack Rate	Wk 11 Attack Rate	Wk 12 Attack Rate	Wk 13 Attack Rate	Wk 14 Attack Rate	Wk 15 Attack Rate	Wk 16 Attack Rate	Wk 17 Attack Rate	Wk 18 Attack Rate
72	Jigawa	Maigatari	195,808		0.51	0.51	4.60	5.62	2.04	10.21	4.09	6.13	8.17	7.15		4.60	7.66		7.15	3.06	0.51
73	Jigawa	Malam-Madun	175,867				1.14		1.71	11.94	11.04	17.06	14.78	12.51	14.78	42.08		6.82	53.45	25.02	
74	Jigawa	Miga	139,924			1.43		16.44	8.58	8.58	7.66	18.58	37.16	36.45	62.18		22.87		27.87	5.72	
75	Jigawa	Ringim	209,219						0.96	0.48	7.65	16.73	20.69	31.55	38.24	22.94			30.59	13.38	
76	Jigawa	Roni	84,787							7.08		16.51	16.51	11.79		83.74		8.26	16.51		
77	Jigawa	Sule-Tankarkar	142,566					13.33	7.72	14.73				47.06		30.86	20.34		49.80	14.73	
78	Jigawa	Taura	143,555							2.09	27.66			66.18	0.70	190.12			33.44	34.83	
79	Jigawa	Yankwashi	104,334								10.54	4.79	4.79			7.67	6.71	24.92	25.88		
80	Kaduna	Igabi	470,123								3.83	1.49	0.64			3.83	10.42	13.40	12.34	3.40	3.19
81	Kaduna	Ikara	211,908			3.30	8.97	8.49	6.13	5.19	15.57	11.80	6.61	4.72	3.30		4.25	4.72	2.83		
82	Kaduna	Kauru	185,772									1.08	0.54			3.23			6.46	2.15	
83	Kaduna	Lere	361,869								0.28	2.76			5.25	3.59	7.46	9.95	4.97	1.66	2.21
84	Kaduna	Makarfi	159,821							22.53		1.88	6.26	13.14	8.76	16.89	8.13	5.63	3.13	0.63	1.25
85	Kano	Ajingi	191,952					1.04		0.52		3.13	6.77	5.21	7.81	10.94	14.59	19.28	22.92	6.25	5.21
86	Kano	Albasu	209,606						0.48	2.86	0.48				3.82	6.20	10.97	20.99	2.86		
87	Kano	Bagwai	179,507	5.01	3.34	4.46	5.57	8.91	11.14	16.16	31.75	22.84	16.16	27.85	27.30	10.56	6.13	5.01	3.34	0.56	
88	Kano	Bebeji	208,180		4.32	0.96	5.28	2.40	3.36	1.92		4.80	8.17	13.93	29.30	53.80	38.43	29.79	4.32	2.88	
89	Kano	Bichi	305,447			0.33	3.93	2.62	9.82	21.61	10.80	10.15	22.26			49.78	61.55	60.89	25.54		
90	Kano	Bunkure	188,374						0.53		2.12		0.53	1.59	7.43	15.39					
91	Kano	D/Kudu	248,447						2.82	5.23		6.44	6.44	2.01	4.43	0.81	25.36	32.20		10.87	1.21
92	Kano	D/Tofa	273,233						0.37		0.73	2.20	5.86	4.03	17.93	24.52	0.73				
93	Kano	Dala	461,619				0.22			0.22	0.43		2.38	1.52	4.98	8.23	3.03				
94	Kano	Dambatta	229,244					2.18	2.18	11.78	17.88	22.25	18.32	30.97	27.92	47.98	19.63	10.47	5.67	2.18	
95	Kano	Dogwau	166,647							1.80	2.40	2.40	19.26			1.20	1.20				
96	Kano	Fagge	219,169					3.19	0.91	0.91			3.19	4.56	9.13	15.97	31.03	39.24	20.99	17.34	9.58
97	Kano	G/Mallam	128,412						2.34			10.90			5.45	7.01	17.91	35.04		6.23	
98	Kano	Garko	179,124						8.37	3.35	2.79	5.02	1.12	4.47		12.28	16.75	13.96	12.28	10.05	
99	Kano	Gaya	221,581				3.16	0.45		1.81	5.42	0.90	1.81	0.45	4.06	0.90			4.51		
100	Kano	Gezawa	310,925					1.61	0.32	0.64		1.93	2.57	5.79	5.47	5.47	4.18		5.47	0.96	
101	Kano	Gwale	399,099							0.50			0.75	5.01	9.27	5.51	12.53	1.25			
102	Kano	Gwarzo	202,809			3.94		2.47	2.96	13.81	16.27	4.93		0.49	1.48	16.76	40.93	8.38	7.40	4.44	
103	Kano	Kabo	169,585					0.59		7.08	7.67	2.95	7.67	7.08	53.98	53.67	68.05	27.72	45.33	5.90	2.95
104	Kano	Kano Mun.	402,919						0.99	0.25			5.21	1.99	2.98	8.44		2.98			
105	Kano	Karaye	155,873			1.28	1.28			7.70	14.11	7.06		12.19	19.25	4.49	5.77				
106	Kano	Kibiya	150,724							1.99	37.15	30.81	13.03	5.31	5.97					1.99	
107	Kano	Kiru	291,869		0.34	0.34	3.08	7.54	3.77	1.37	3.77				0.69	1.71	0.69	0.34	4.11	2.06	
108	Kano	Kumbotso	326,259						0.31	0.92	0.92	0.92	7.36	3.68	5.21	8.28	14.41	4.29	3.07	3.07	
109	Kano	Kunchi	122,375					0.82		7.35	7.35	17.16	10.62	8.17	9.81		2.45	2.45		0.82	
110	Kano	Kura	159,394				2.51				3.14	6.90	0.63		3.14	6.90	16.31		1.25		
111	Kano	Madobi	150,600		1.33			0.66	2.66	2.66	3.32		5.31	5.31	15.27	32.54	27.22	98.94	3.98	3.98	
112	Kano	Makoda	245,151							8.97	22.03	23.25	28.15	34.26	4.89	19.58	5.30				
113	Kano	Mingibir	235,666	0.85	0.85		0.42	0.85	3.39	1.70	2.97	16.55	29.28	29.70	32.25	5.94	46.68	12.31			7.21
114	Kano	Nassarawa	657,710					0.15				6.08	2.89	7.30	5.78	1.22	6.94	1.98	1.22	0.46	
115	Kano	Rano	160,318							1.87		3.74				63.62	52.40				
116	Kano	Rimin Gado	115,510					3.46	3.46	2.60	0.87			6.06	6.93	38.09	2.60	25.97	4.33	4.33	
117	Kano	Rogo	251,041			0.80			2.39	1.99					1.20	1.59	7.17	5.18			
118	Kano	Shanono	154,992							2.58	0.65	5.81	1.94	1.94	4.52	25.36	7.74	8.39	5.16	11.61	
119	Kano	Sumaila	279,611												3.58			6.44			3.58
120	Kano	T/Wada	255,450						0.78	3.91	3.13	6.65	9.00	18.31	29.38	17.62	8.61	2.74			
121	Kano	Takai	223,484			0.45		0.45								7.16	8.50	9.40			
122	Kano	Tarauni	244,013							0.82	2.87	3.28	2.46	1.64	2.05	4.92	13.52	25.82		7.79	
123	Kano	Tofa	107,732	7.43	7.43	5.57	3.71	12.07	31.56	21.35	27.85	10.21	33.42	29.70	30.63	27.85	43.63	58.46	24.13	13.92	
124	Kano	Tsanyawa	173,811				2.30		1.15	2.30	13.23	13.23	16.68	10.36	25.89	16.68	7.46	38.55	6.33	6.33	
125	Kano	Ungogo	407,474						0.74	3.19	5.64	7.36	8.83	9.33	8.59	5.89	8.34	3.19	2.70	2.70	2.21
126	Kano	Warawa	141,962					0.70	4.93	9.16		1.41	3.52	0.70	14.79	29.59	2.82	16.50			
127	Kano	Wudil	204,134				0.49	0.49	2.94	6.37	8.37		3.43	7.35		20.09	20.41	11.76	3.43	4.90	
128	Katsina	Bakori	163,222					3.06	3.06	1.23	30.63			51.46	53.91	23.89	30.63	53.30	99.88	6.74	1.23
129	Katsina	Batagarawa	201,690		0.50			0.50	0.99	1.98	11.40	18.84	23.80	19.83	13.39			27.77	36.19	18.84	7.93
130	Katsina	Batsari	228,356						6.13	2.19	3.07	31.53	8.76	7.44	6.13	17.95	18.26				
131	Katsina	Baure	215,732							2.78	6.49				0.46	8.81	11.12				
132	Katsina	Bindawa	166,484					1.80		9.61	51.66	25.83	26.43	39.04	52.96	26.43	26.43	4.81	1.80		
133	Katsina	Charanchi	150,373				1.33	3.33						43.23	39.90	34.58	47.22	28.80	31.26		
134	Katsina	Dandume	159,253					1.26			4.40	9.42	11.36	3.77	21.35	69.07	12.56	6.91			
135	Katsina	Danja	137,359					10.92	13.10	26.21	64.79	68.43	90.27	129.59	95.37	87.36	11.65	74.26	30.58	17.47	8.01
136	Katsina	Danmusa	124,233			3.22		8.05	16.10	2.41	1.61	8.85	11.27	19.32	20.93	4.02	25.76			6.05	
137	Katsina	Daura	240,095				2.08		0.83	2.08		2.92	1.67	9.58	3.75	5.41	7.50				
138	Katsina	Dutsi	131,152			1.52		1.52				0.76	9.91	9.15		2.29	2.29				
139	Katsina	Dutsinma	185,404					1.08		1.08	3.24	4.85	16.72	31.28	11.87		21.04	32.36	11.87	10.79	8.63
140	Katsina	Faskari	214,213					1.87	3.73	0.93	4.20	12.14	10.74	17.74	43.41	25.21	50.42	14.94	17.27		
141	Katsina	Funtua	246,488						2.84			6.99	1.22	11.77	6.49	13.79	36.92	44.22	43.41	23.53	
142	Katsina	Ingawa	185,494								11.86	16.17	23.18	19.41	10.34	28.03	9.70	10.34	7.01		

Situation Épidémiologique de la méningite du Nigeria 2009/ (3/3)
Meningitis epidemiological situation 2009

SN	State	LGA	Population	Wk 01 Attack Rate	Wk 02 Attack Rate	Wk 03 Attack Rate	Wk 04 Attack Rate	Wk 05 Attack Rate	Wk 06 Attack Rate	Wk 07 Attack Rate	Wk 08 Attack Rate	Wk 09 Attack Rate	Wk 10 Attack Rate	Wk 11 Attack Rate	Wk 12 Attack Rate	Wk 13 Attack Rate	Wk 14 Attack Rate	Wk 15 Attack Rate	Wk 16 Attack Rate	Wk 17 Attack Rate	Wk 18 Attack Rate
143	Katsina	Jibya	185,488							14.56	5.93	17.79			1.08	5.93			1.62		
144	Katsina	Kafur	221,697			0.45	5.86	7.22	4.96	0.45	8.57	16.69	7.67	9.47	18.49	36.99	3.61	60.89	19.40	0.45	2.71
145	Katsina	Kaita	201,500			1.99			4.47	11.41		48.64	39.21	36.72	22.83	28.29	19.35	27.79	9.43	4.96	
146	Katsina	Kankara	268,526		0.37					5.21	2.23	14.52	41.34	13.78	29.05	20.05	9.31	23.09	3.72	2.23	8.19
147	Katsina	Kankia	165,476	0.60		0.60	1.81	3.63	5.44	30.22	9.67	22.96	12.69	54.99	16.73	69.50	16.92	31.63	18.23		10.88
148	Katsina	Katsina	347,989					2.01	2.30	0.86	7.76	4.60	12.93	11.21	20.69	33.05	36.78	43.39	28.16	13.79	
149	Katsina	Kurfi	128,484		5.45	2.33	10.12	3.89	19.46	35.80		21.79			6.23	1.56		8.56	4.67		
150	Katsina	Kusada	108,472					11.98	17.52	8.40	3.69	18.44		9.22	56.24	56.24	32.27	6.45			
151	Katsina	Maiaduwa	219,833		1.36	3.64						2.27	3.64		5.46	7.20	15.47	5.91	14.10	6.37	1.82
152	Katsina	Malunfashi	199,882	1.50				7.50	13.01	18.01	39.02	23.01			53.03	56.03	48.53		61.04		
153	Katsina	Mani	193,376							7.24	3.10	2.07				3.10		12.93		4.65	6.72
154	Katsina	Mashi	189,188					3.17				1.59		7.93		6.34	13.74	8.99	7.93	3.70	1.59
155	Katsina	Matazu	126,019			1.59	6.35		5.55	12.70		15.87	3.97	24.60		68.24	49.99	32.53	8.73		
156	Katsina	Musawa	187,637			3.20	4.80	1.60	21.32	18.65		51.16		27.19	62.35	33.04	17.05	9.59	10.13	3.73	3.20
157	Katsina	Rimi	168,000						4.76	8.43	8.33	4.76	8.33	33.83	57.14	52.38	51.79	38.69	19.64	20.24	14.29
158	Katsina	Sabawa	148,666									0.67	16.14	14.80	18.16						
159	Katsina	Safana	200,820			2.99	2.99	1.49		1.00	1.49	1.99	5.98	3.49	29.39	15.44	22.91	17.43	7.97	13.44	
160	Katsina	Sandamu	150,017	1.33	2.67	7.33	10.00	16.66				35.33	22.66		5.33	3.33					
161	Katsina	Zango	169,092								9.46	20.11			24.84	3.55					
162	Kebbi	Alkero	72,301								4.15	11.08									
163	Kebbi	Arewa	201,681											1.49	2.97	2.48	0.99	1.49	0.99	5.45	
164	Kebbi	Birnin Kebbi	294,165									2.04	0.34		4.76	2.72	1.36			5.10	
165	Kebbi	Bunza	133,111							4.51		12.77	11.27		6.78	5.26	0.75				
166	Kebbi	Dandi	158,111							2.53							8.22	4.43	2.53		
167	Kebbi	Kalgo	93,594										3.21		8.55	3.21					
168	Kebbi	Koko Bese	169,434												2.36			5.31			
169	Kebbi	Maiyama	192,537								0.52				3.64		6.23	1.56	4.67	1.04	
170	Kebbi	Suru	164,639												9.11						
171	Nasarawa	N/Eggon	162,957									6.14	0.61								
172	Niger	Magama	200,819			1.00	1.00	0.50	2.99		3.98		3.98	4.48	3.49	2.49	5.48				
173	Niger	Mariga	220,471							1.36	1.81	1.81			1.81	1.81	5.44				
174	Plateau	Bokkos	193,303	0.52				0.52	0.52	0.52	5.17						2.07	0.52	1.03		0.52
175	Plateau	Langtang North	152,345			0.66								14.44	3.28		1.97	0.66	1.97	0.66	
176	Sokoto	Birni	114,766								6.97	1.74		1.74	13.94	2.61	3.49	0.87		3.49	
177	Sokoto	Gudu	104,404										4.79		24.90	6.70	2.87		27.78		6.70
178	Sokoto	Gwadabawa	252,811					9.10	14.64	7.62	30.46	4.75	5.54	2.37	4.35				0.79	0.79	0.40
179	Sokoto	Illele	164,443								24.93	6.63	14.59	4.26	9.12	2.43			12.16		
180	Sokoto	Isa	159,651									36.96	3.76				1.88				
181	Sokoto	Kebbe	136,217												27.18	4.40	5.14	3.67			
182	Sokoto	Kware	146,315						1.37			2.05			5.47		4.10	6.15			
183	Sokoto	Sabon Birni	226,849												5.29	6.61					
184	Sokoto	Tambuwal	245,788							5.70	3.25		6.10								
185	Sokoto	Tangaza	124,410								1.61						19.29		11.26		
186	Sokoto	Tureta	74,710								2.68	4.02				24.09	24.09				
187	Sokoto	Wamako	196,275												7.13	10.20	1.53				
188	Taraba	K/Lamido	213,381							0.47	7.50	7.97	3.75	7.50	9.37	4.22	1.41	0.94			
189	Yobe	Bade	154,979						1.29				1.29	3.87	4.52	2.58	3.87	11.61	11.61	10.97	4.52
190	Yobe	Bursari	120,988								16.63	4.13	8.27	2.48	2.48	4.96	12.40	1.65	3.31		0.83
191	Yobe	Damaturu	97,583					1.02	8.20	8.20	18.45	12.30	14.35	12.30	29.72	27.67	27.67	15.37	11.27	10.25	
192	Yobe	Fika	151,778					6.59	9.88	5.93	2.64	1.98	1.98	9.22	7.25	6.59	1.32	2.64			
193	Yobe	Fune	333,458					5.40	0.60	2.40	0.90		6.00	3.60	4.20	3.90	3.90	3.90	1.80	1.80	
194	Yobe	Gujba	144,231					2.08	9.71	15.25	15.25	22.88	15.25	15.25	33.28	42.29	29.61	20.80	6.93	5.55	
195	Yobe	Gulani	114,763					15.08	42.70	6.97	18.30	8.71	6.10	3.49	6.10	4.36	12.29	3.49			
196	Yobe	Jakusko	253,988						1.97	2.76	1.57	0.39	4.33	18.11	5.12	2.36	7.87	5.91		0.79	
197	Yobe	Karasuwa	118,624											20.23	25.29	4.22	5.06		3.37		
198	Yobe	Machina	68,304				1.46		1.46	1.46	5.86	23.42	7.32	5.86		11.71	5.86	10.25	2.93	10.25	
199	Yobe	Nangere	97,371					5.14	1.03	3.08	3.08	14.38			2.05	14.38	26.70	17.46	1.03	5.14	
200	Yobe	Nguru	167,008		1.20	3.59			1.80	4.19	3.59	2.40	3.59	3.59	12.57	23.95	23.95	18.59	11.98	23.95	11.38
201	Yobe	Potiskum	228,258							6.13	6.57	11.83	4.38	2.63	9.64	9.20	17.52	14.46	8.22	5.26	3.50
202	Yobe	Tarmuwa	85,597										2.34		3.50	3.50	5.84	4.67			
203	Yobe	Yunusari	139,500												0.72				14.34	4.30	
204	Zamfara	Anka	156,381									10.23	1.28		6.39	7.03	17.27				
205	Zamfara	Bakura	205,428												15.09						
206	Zamfara	Bulkuyum	232,607			0.43	1.72	1.29	2.58	1.29	9.03	0.86	0.43	10.75							
207	Zamfara	Bungudu	283,478			1.41	3.53	3.53	7.06	7.06	7.06	7.06	3.53	7.41	8.11	7.06	6.35	2.12		0.35	
208	Zamfara	Gummi	224,810			2.22	0.44		3.11	2.67			0.44	2.67			24.03				
209	Zamfara	Maradun	231,748														8.20				
210	Zamfara	Maru	320,829	0.94			3.12		3.12	6.23	5.92	3.12	10.91	14.96	4.99	9.97	5.30	2.18			
211	Zamfara	Shinkafi	149,092	0.67	1.34				7.38	10.06		1.34	6.71	14.76			20.12	4.70	4.02		
212	Zamfara	Talata Mafara	236,503												5.07	0.42	0.42				
213	Zamfara	Tsafe	292,371				1.03						2.39	0.68	1.37	2.39	2.39	8.21			

■ LGAs in Alert: (5.00 ≤ AR < 10.00)

■ LGAs in Epidemic: (AR ≥ 10.00)

III. REPRESENTATION GRAPHIQUE DES DONNEES/ GRAPHICAL REPRESENTATION OF DATA

Figure 1: Cartographie des taux d'attaque de la Méningite par district par pays de la semaine 18, 2009
Map of meningitis attack rates by district by country at week 18, 2009

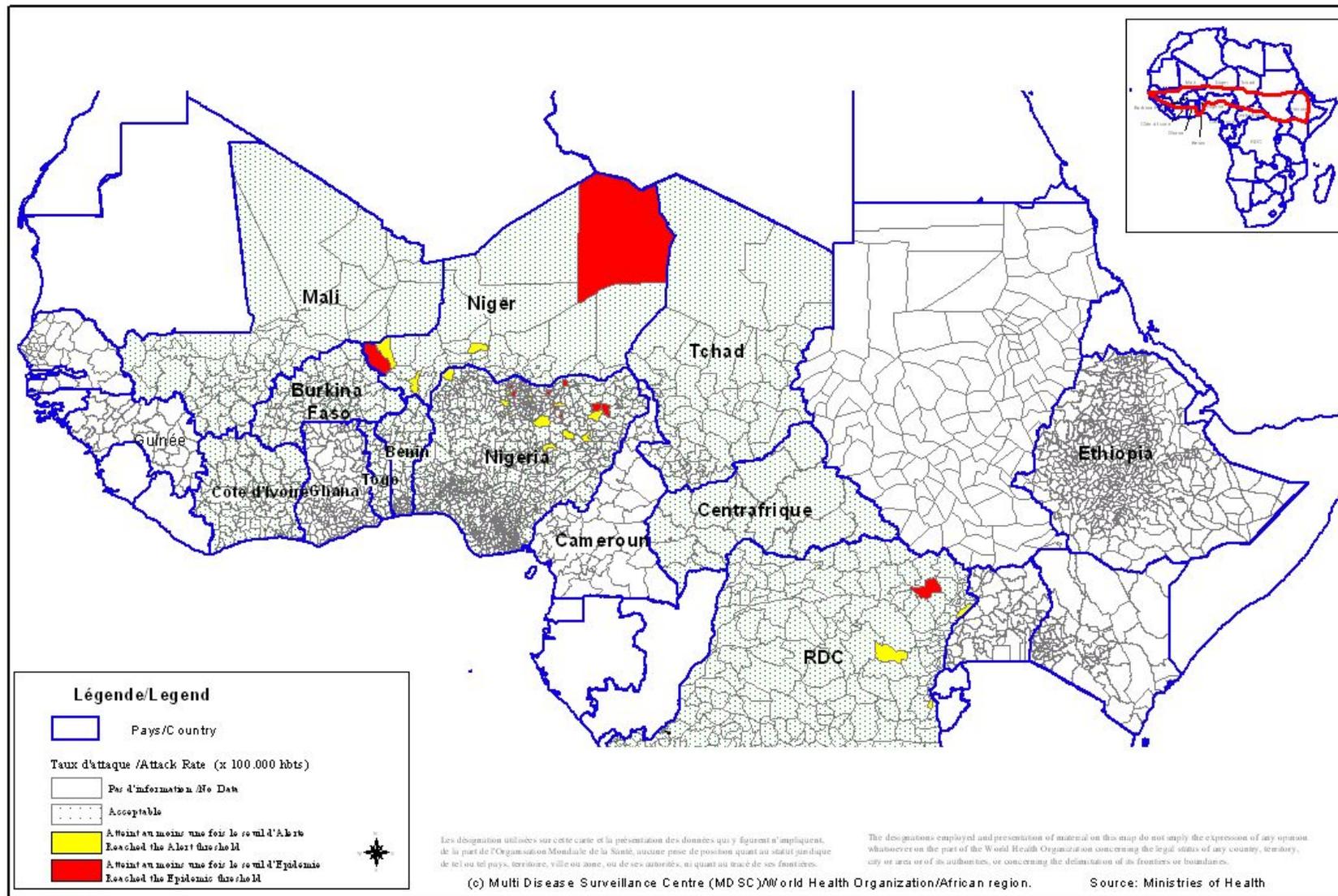


Figure 2 : Cartographie récapitulative des taux d'attaque cumulés de la Méningite, Semaine 01 – 18, 2009
 (Représentation basée sur les taux d'attaque hebdomadaires les plus élevés par district au cours de l'année)
Recapitulative map of cumulative Meningitis attack rates at week 1- 18, 2009
 (Mapping based on weekly highest attack rates by district during the year)

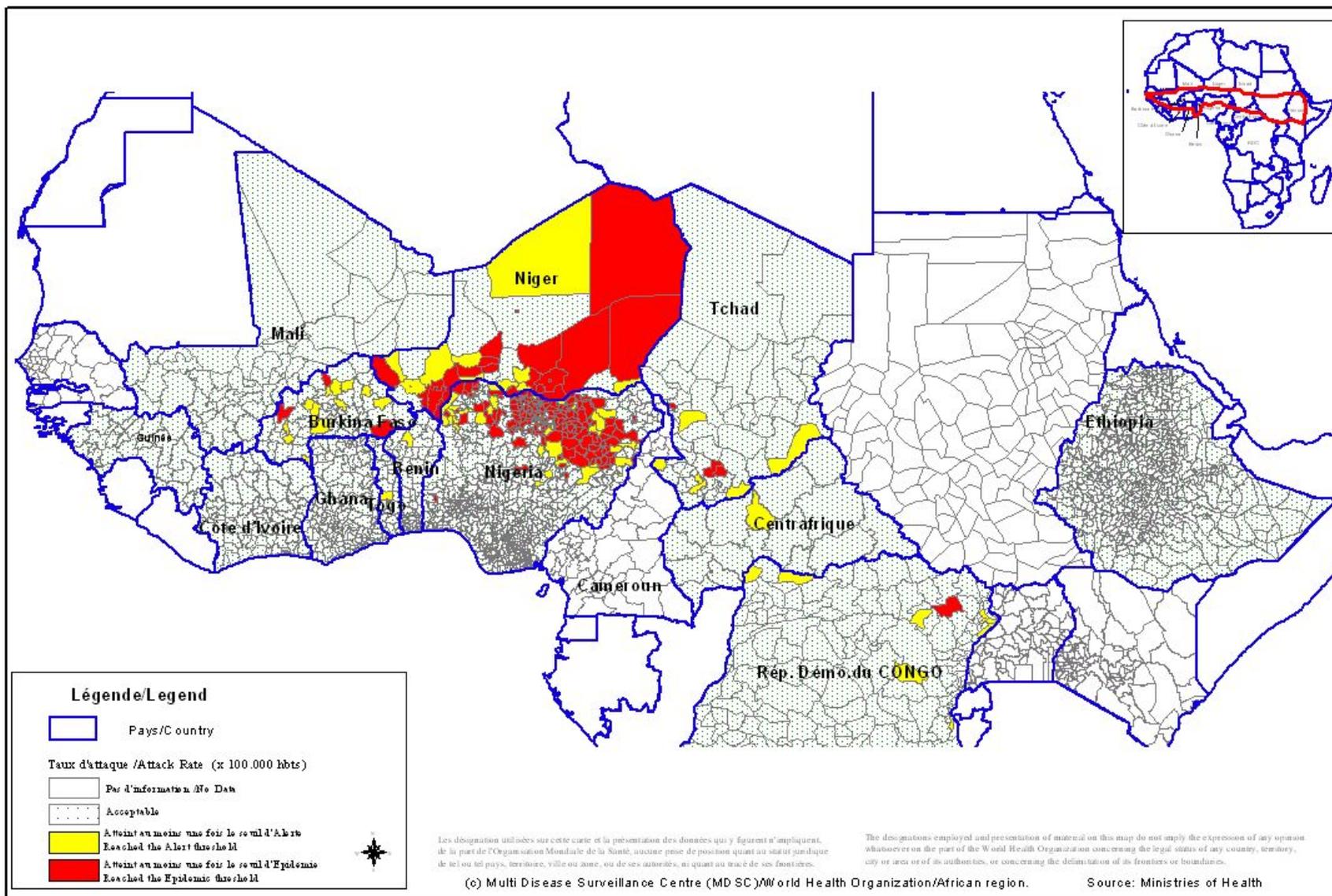


Figure 3. Taux d'attaque cumulés de la Méningite du Nigeria, Semaine 1 – 18, 2009
Cumulative Meningitis attack rates of Nigeria at week 1 - 18, 2009

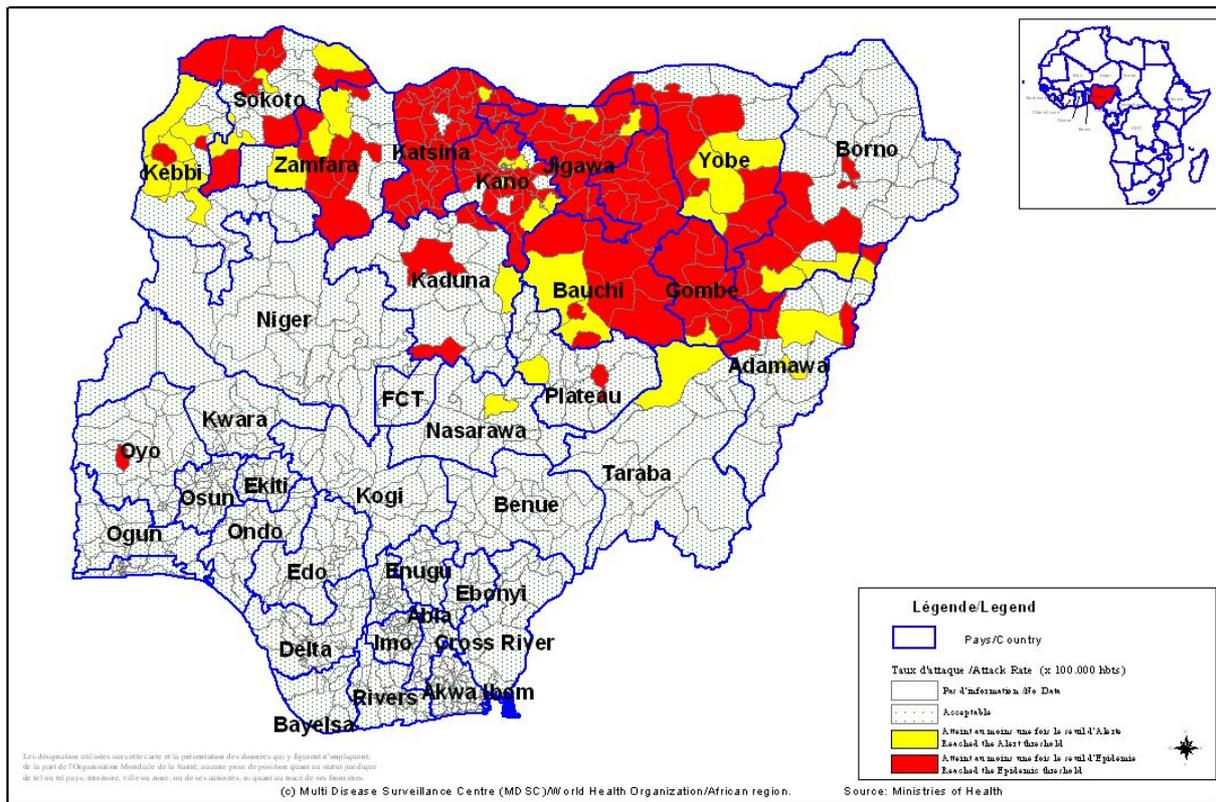
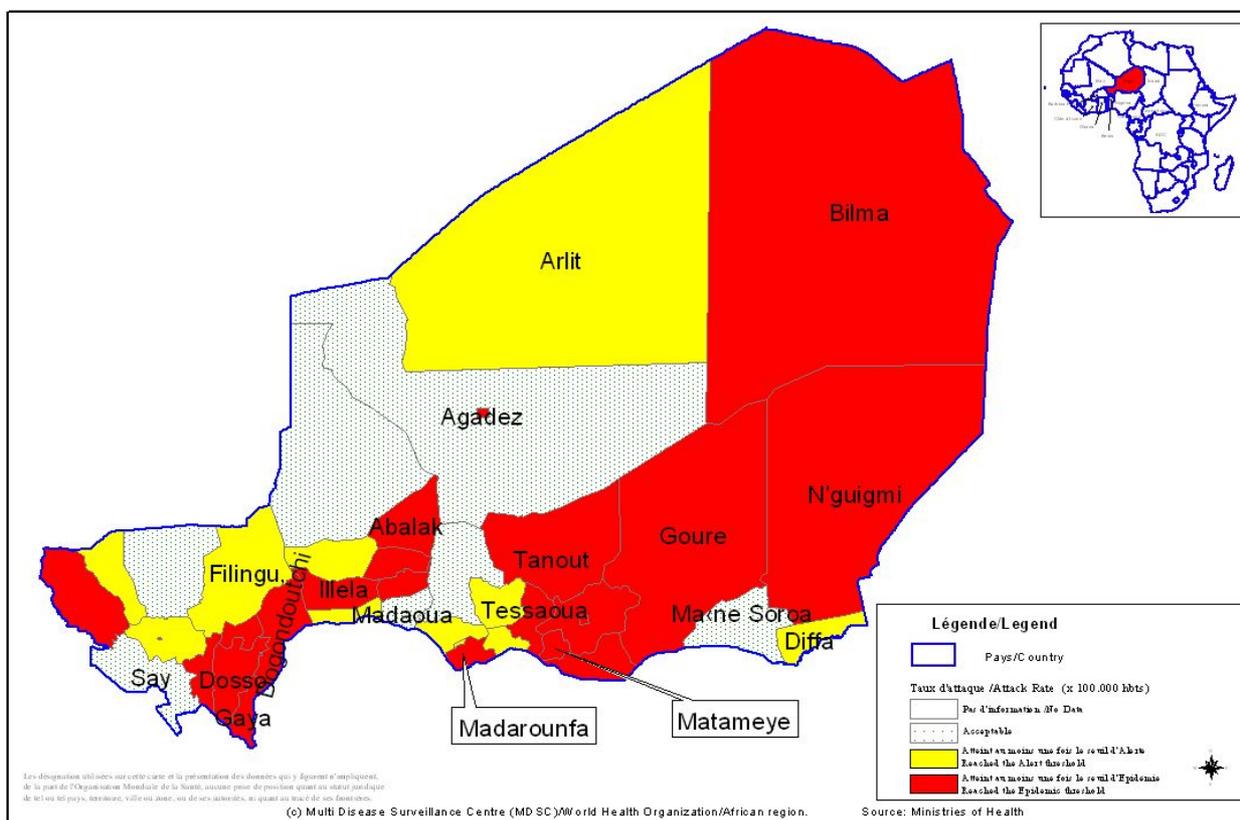


Figure 4. Taux d'attaque cumulés de la Méningite du Niger, Semaine 1 – 18, 2009
Cumulative Meningitis attack rates of Niger at week 1 - 18, 2009



IV. Courbes de tendance sur les deux dernières années/
Epidemiological trends during two consecutive years

Figure 3 : Evolution hebdomadaire comparative par pays des années 2008 et 2009/
(Uniquement les pays ayant transmis des données pour la semaine en cours)
Comparative weekly evolution by country, years 2008-2009
(Only countries which transmitted data during the current week)

