

AFRO POLIO WEEKLY UPDATE

(As at 9th March 2012)

2011, AFP SURVEILLANCE INDICATORS

	AFP cases reported	Annualized NP- AFP Rate	% 2 Stools within 14 days
Central	3578	4.6	83%
West	8720	5.6	90%
South-East	4347	2.7	87%
Regional	16645	4.2	88%

WILD POLIOVIRUS (WPV) CASES REPORTED THIS WEEK IN THE REGION

2011: No new wild poliovirus case has been reported this week:

Date of onset of latest case for 2011 WPV cases = 25th December 2011 (Nigeria)

One WPV3 case in Cameroon with Epidnumber CAE-EXT- GEY-11-252 has been transferred to Nigeria and assigned Epidnumber NIE-BOS-MNG-11-007 after investigation.

2012: One (1) new wild poliovirus case has been reported this week:

- Nigeria: one (1) type 1 from Zamfara (Bukkuyum LGA).

Date of onset of latest case for 2012 WPV cases = 8th February 2012 (Nigeria)

Wild poliovirus cases 2010-2011 (Based on date report released and not date of onset of case)

2010

WPV cases by country: Week 1 - 52

COUNTRY	W1	W3	W1+W3	Total
ANGOLA	33	0	0	33
CHAD	11	15	0	26
CONGO*	441	0	0	441
DRC	100	0	0	100
LIBERIA	2	0	0	2
MALI	3	1	0	4
MAURITANIA	5	0	0	5
NIGER	0	2	0	2
NIGERIA	8	13	0	21
SENEGAL	18	0	0	18
SIERRA LEONE	1	0	0	1
UGANDA	4	0	0	4
TOTAL AFR	626	31	0	657

* The 2010 total includes cases with inadequate specimens that were exceptionally classified as confirmed polio based on their association with the WPV1 outbreak

2011

WPV cases by country: Week 1 - 52

COUNTRY	W1	W3	W1+W3	Total
ANGOLA	5	0	0	5
CAR	4	0	0	4
CHAD	129	3	0	132
CONGO	1	0	0	1
COTE D'IVOIRE	0	36	0	36
DRC	93	0	0	93
GABON	1	0	0	1
GUINEA	0	3	0	3
KENYA	1	0	0	1
MALI	0	7	0	7
NIGER	4	1	0	5
NIGERIA	47	15	0	62
TOTAL AFR	285	65	0	350

Highlights

At Regional level

2011 Data, as of 7th March 2012, three hundred and fifty (350) wild poliovirus cases have been reported in the Region from 12 countries (Angola, CAR, Chad, Congo, Côte d'Ivoire, DRC, Gabon, Guinea, Kenya, Mali, Niger and Nigeria).

2012 Data, as of 7th March 2012, eight (8) wild poliovirus cases have been reported in the Region from 2 countries (Chad and Nigeria)

At Global level

2011 Data, as of 6th March 2012, 650 WPV cases were reported, 340 from endemic countries and 310 from non-endemic countries. With 350 cases out of 650, the African Region accounts for 54% of WPV cases reported globally in 2011. (Data source- WHO/HQ, 6th March 2012).

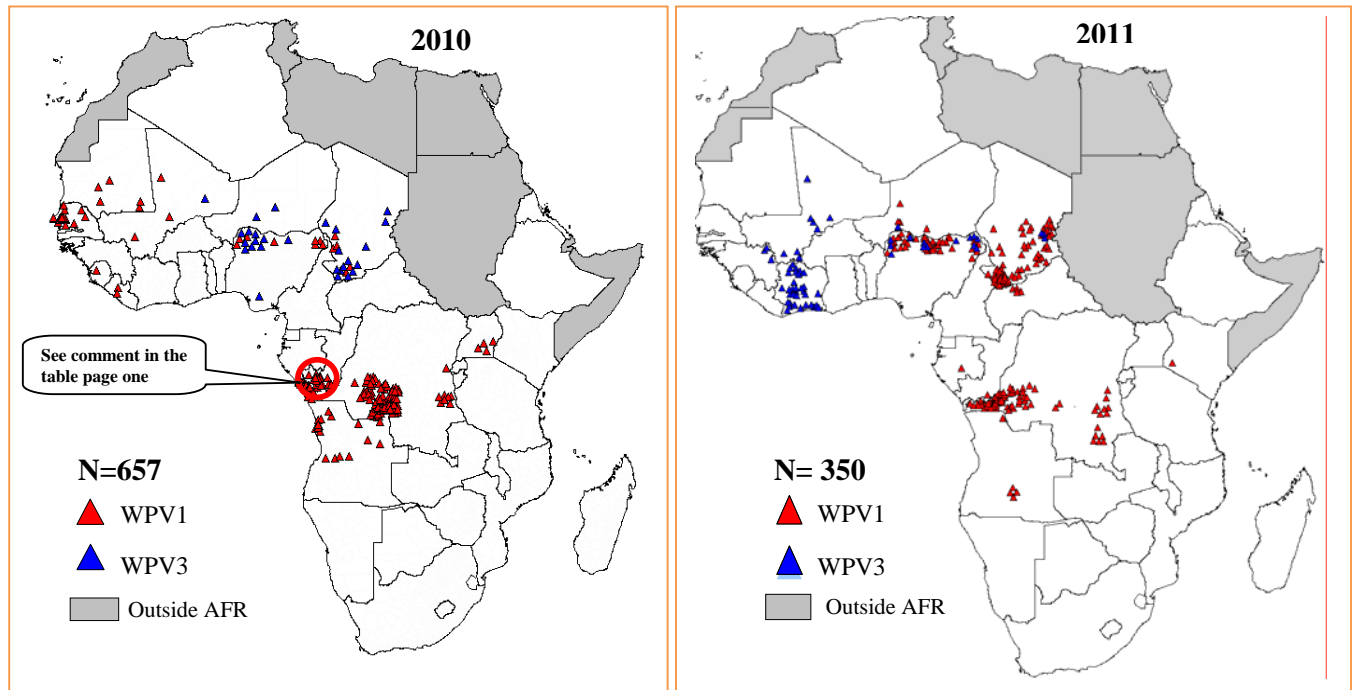
AFP SURVEILLANCE

2011 Data, a total of 41 (89%) countries had achieved the recommended operational NP-AFP rate of at least 2/100,000. (Data source – WHO/AFRO, 2011 data - update as of week 9 of 2012).

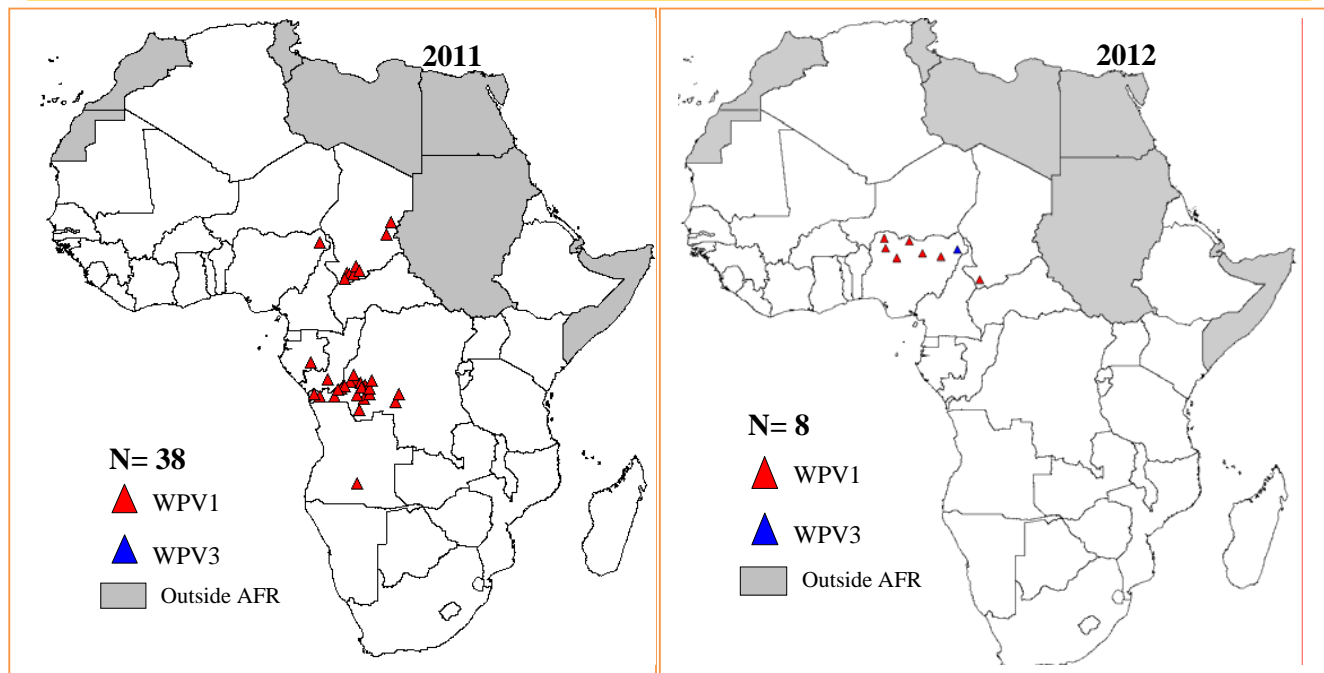
ADVANCE NOTICE

No advance notice so far for this week

**Distribution of reported wild poliovirus cases
in the African Region, 2010 and 2011 (as of week 9, 2012)**



**Distribution of reported wild poliovirus cases
in the African Region, 2011 and 2012 (as of week 9, 2012)**



Distribution of cVDPV cases by country by year and by serotype, 2005-2011

Country/Year/ Serotype	2005			2006			2007			2008			2009			2010			2011			Total
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
ALGERIA*																1	1					2
ANGOLA										3												3
BURUNDI																			1*			1
CAMEROON										1*												1
CHAD										1*						1						2
DRC		2						2		13			5			19*			8*			49
ETHIOPIA										3			1	1			6*					11
MADAGASCAR		4	1																			5
MOZAMBIQUE																			2			2
NIGER					2								2			1				1		6
NIGERIA		1			22			71		66			154			27			34*			375
SOUTH AFRICA ¹																					1	1
Total		8			24			73			87			163			56			47		458

¹ Immunodeficient patients (iVDPV) with AFP

* Ambiguous (aVDPV) cases: Burundi, 2011; Cameroon, 2008; Chad, 2008; DRC: 5/19, 2010 & 1/8, 2011; Ethiopia: 1/6, 2010; Nigeria: 1/34, 2011

Performance of AFP Surveillance in AFR for 2011 by country (as of week 9, 2012)

Country	<15 Yrs pop (million)	AFP in database	Annualized Non-polio rate	Stool adequacy rate	Confirmed WPV (Lab Data)	Pending cases 90 days after onset
Angola	9.8	257	2.4	91%	5	0
Burundi	3.9	100	2.6	93%	0	17
Cameroon	9.4	265	2.7	83%	0	2
Central African Republic	1.9	142	6.5	81%	4	0
Chad	5.8	469	5.4	82%	132	11
Congo	1.9	94	4.6	84%	1	11
Equatorial Guinea	0.3	1	0.3	0%	0	0
Gabon	0.8	30	3.6	83%	1	0
DRC	36.3	2216	5.8	83%	93	1
S.T. & Principe	0.1	4	4.0	0%	0	4
Central	70.2	3578	4.6	83%	236	46
Algeria	9.8	181	1.8	62%	0	4
Benin	4.0	110	2.8	95%	0	7
Burkina Faso	7.6	290	3.8	86%	0	6
Cape Verde	0.2	3	1.0	100%	0	1
Cote d'Ivoire	9.4	511	5.0	70%	36	26
Gambia	0.8	27	3.4	89%	0	5
Ghana	10.4	276	2.6	85%	0	70
Guinea	4.8	203	4.2	92%	3	0
Guinea-Bissau	0.8	16	2.0	50%	0	14
Liberia	1.8	55	3.1	87%	0	10
Mali	7.2	210	2.8	87%	7	0
Mauritania	1.3	53	4.1	94%	0	10
Niger	7.7	319	4.0	81%	5	37
Nigeria	75.6	6102	7.9	93%	62	213
Senegal	5.8	115	2.0	80%	0	1
Sierra Leone	2.8	173	6.2	91%	0	7
Togo	2.9	76	2.6	88%	0	0
IST West	152.9	8720	5.6	90%	113	411
Botswana	0.6	20	3.3	90%	0	1
Comoros	0.3	7	2.3	100%	0	5
Eritrea	1.5	75	4.7	97%	0	0
Ethiopia	37.2	1033	2.8	88%	0	57
Kenya	17.7	566	3.1	83%	1	126
Lesotho	0.6	15	2.1	93%	0	0
Madagascar	9.8	291	2.9	93%	0	1
Malawi	6.6	147	2.2	76%	0	30
Mauritius	0.3	2	0.7	100%	0	1
Mozambique	9.8	314	3.0	87%	0	65
Namibia	0.9	49	4.3	92%	0	6
Rwanda	4.0	128	2.6	100%	0	0
Seychelles	0.02	0	0.0	--	--	--
South Africa	15.4	408	2.5	81%	0	22
Swaziland	0.5	17	4.3	94%	0	0
Tanzania	19.2	413	2.2	90%	0	67
Uganda	16.5	485	2.8	86%	0	15
Zambia	6.4	177	2.7	89%	0	0
Zimbabwe	5.2	200	3.4	87%	0	10
IST South/East	152.52	4347	2.7	87%	1	406
Regional total	375.62	16645	4.2	88%	350	863

Monthly distribution of wild poliovirus cases from 2007 - 2012 (as of week 9, 2012)

Country	2007	2008	2009	2010	2011												2012			DONSET most recent WPV	
	Total	Total	Total	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Jan	Feb		Total
Angola	8	29	29	33	1	1	2	0	0	0	1	0	0	0	0	0	5	0	0	0	07-Jul-11
Benin	0	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19-Apr-09
Burkina Faso	0	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25-Oct-09
Burundi	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12-Sep-09
Cameroon	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15-Oct-09
Central Afr. Republic	0	3	14	0	0	0	0	0	0	0	0	0	1	1	1	1	4	0	0	0	08-Dec-11
Chad	21	37	64	26	14	7	15	26	24	10	16	2	3	10	4	1	132	1	0	1	09-Jan-12
Congo	0	0	0	441	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	22-Jan-11
Cote d'Ivoire	0	1	26	0	1	3	0	0	12	16	4	0	0	0	0	0	36	0	0	0	24-Jul-11
DRC	41	5	3	100	14	10	18	11	6	9	10	6	3	1	4	1	93	0	0	0	20-Dec-11
Ethiopia	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27-Apr-08
Gabon	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	15-Jan-11
Ghana	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	08-Nov-08
Guinea	0	0	42	0	0	0	0	0	1	0	1	1	0	0	0	0	3	0	0	0	03-Aug-11
Kenya	0	0	19	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	30-Jul-11
Liberia	0	0	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	08-Sep-10
Mali	0	1	2	4	0	1	2	0	1	3	0	0	0	0	0	0	7	0	0	0	23-Jun-11
Mauritania	0	0	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28-Apr-10
Niger	11	12	15	2	1	0	0	0	0	0	1	0	0	0	2	1	5	0	0	0	22-Dec-11
Nigeria	285	798	388	21	0	4	4	3	6	7	4	7	6	6	11	4	62	4	3	7	08-Feb-12
Senegal	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30-Apr-10
Sierra Leone	0	0	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28-Feb-10
Togo	0	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28-Mar-09
Uganda	0	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15-Nov-10
Total in endemic	285	798	388	21	0	4	4	3	6	7	4	7	6	6	11	4	62	4	3	7	
Total in non-endemic	81	114	303	636	33	22	37	37	44	38	34	9	7	12	11	4	288	1	0	1	
Total	366	912	691	657	33	26	41	40	50	45	38	16	13	18	22	8	350	5	3	8	