

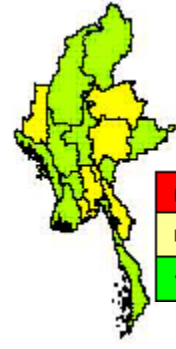


Non-Polio AFP Rates 2003

Myanmar Polio Newsletter

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Non-Polio AFP Rates 2004 (annualized)

0 - 0.49
0.50 - 0.99
1 or above

Table 1: Reported AFP cases against targets by State/Division and classification status of cases with onset in 2003 and 2004 (date as of 15/12/2004)

State / Division	Population 15 years	2004									2003						
		Min. non-polio AFP target	AFP		Polio			Cases Pending	No. with 2 spec. with 14 days	No. of AFP cases (80 day follow-up done)	AFP		Polio		Cases Pending	No. with 2 spec. with 14 days	No. of AFP cases (80 day follow-up done)
			Non-polio AFP cases	Reported AFP cases	Confirmed Polio	Unk Polio	Virus				Non-polio AFP cases	Reported AFP cases	Confirmed Polio	Unk Polio			
Ayeyarwady	2,457,890	25	24	32	0	0	8	28	18	34	34	0	0	0	33	33	
Bago East	1,017,176	10	9	11	0	0	2	9	6	16	16	0	0	0	13	14	
Bago West	826,605	8	11	13	0	0	2	12	9	13	13	0	0	0	13	13	
Chin	174,036	2	1	1	0	0	0	1	1	5	5	0	0	0	5	5	
Kachin	461,195	5	6	6	0	0	0	6	4	7	7	0	0	0	6	7	
Kayah	96,444	1	2	2	0	0	0	2	2	9	9	0	0	0	9	9	
Kayin	539,872	5	4	6	0	0	2	4	2	5	5	0	0	0	4	5	
Magway	1,648,989	16	20	20	0	0	0	18	18	24	24	0	0	0	24	22	
Mandalay	2,383,563	24	29	35	0	0	6	34	24	44	44	0	0	0	41	41	
Mon	907,161	9	12	14	0	0	2	12	9	11	11	0	0	0	10	11	
Rakhine	994,904	10	17	18	0	0	1	17	14	19	19	0	0	0	17	18	
Sagaing	1,989,808	20	27	31	0	0	4	29	23	27	27	0	0	0	27	27	
Shan North	737,323	7	7	7	0	0	0	7	3	15	15	0	0	0	15	15	
Shan East	348,475	3	2	4	0	0	2	3	3	3	3	0	0	0	3	3	
Shan South	684,229	7	6	7	0	0	1	7	4	9	9	0	0	0	8	9	
Tanintharyi	491,651	5	9	11	0	0	2	10	8	12	12	0	0	0	12	12	
Yangon	2,015,913	20	15	20	0	0	5	19	10	38	38	0	0	0	35	35	
Totals	17,775,234	177	201	238	0	0	37	218	158	291	291	0	0	0	275	279	

Table 2: Selected Performance Indicators by State/Division for cases with onset in 2003 and 2004 (date as of 15/12/2004)

State / Division	2004								2003							
	Annualized AFP RATE		Stool Collection		% AFP Investigated with 48 hrs.	% AFP cases with 80 days Follow-up	% Weekly zero reports received	% Weekly zero reports received on Time	Annualized AFP RATE		Stool Collection		% AFP Investigated with 48 hrs.	% AFP cases with 80 days Follow-up	% Weekly zero reports received	% Weekly zero reports received on Time
	Total AFP	Non-Polio	% with 2 spec. with 14 days	% with any specimen					Total AFP	Non-Polio	% with 2 spec. with 14 days	% with any specimen				
TARGET	1	1	80	100	80	80	80	80	1	1	80	100	80	80	80	80
Ayeyarwady	1.36	1.02	88	100	100	75	94	94	1.42	1.42	97	100	100	100	98	91
Bago East	1.17	0.95	82	100	100	75	94	99	1.60	1.60	81	94	75	100	98	95
Bago West	1.72	1.46	92	100	92	82	94	100	1.63	1.63	100	100	100	100	100	98
Chin	0.53	0.53	100	100	100	100	94	86	2.50	2.50	100	100	100	100	100	82
Kachin	1.27	1.27	100	100	100	67	92	62	1.40	1.40	86	100	100	100	100	61
Kayah	2.12	2.12	100	100	100	100	91	88	9.00	9.00	100	100	100	100	100	87
Kayin	1.27	0.85	67	83	100	50	94	94	1.00	1.00	80	100	80	100	100	100
Magway	1.33	1.33	90	100	95	95	94	90	1.50	1.50	100	100	100	100	100	94
Mandalay	1.55	1.28	97	100	94	89	94	94	1.91	1.91	93	98	100	98	100	94
Mon	1.65	1.41	86	100	100	82	94	94	1.22	1.22	91	100	64	100	100	100
Rakhine	1.91	1.80	94	100	94	82	94	92	1.90	1.90	89	100	89	100	100	85
Sagaing	1.64	1.43	94	100	97	88	94	81	1.35	1.35	100	100	100	100	100	84
Shan North	1.06	1.06	100	100	100	43	94	90	2.14	2.14	100	100	100	100	100	79
Shan East	1.41	0.71	75	75	100	100	92	89	1.00	1.00	100	100	100	100	98	95
Shan South	1.06	0.91	100	100	86	80	94	68	1.29	1.29	89	100	100	100	100	85
Tanintharyi	2.33	1.91	91	100	91	100	94	77	2.40	2.40	100	100	83	100	100	82
Yangon	1.06	0.80	95	100	100	77	94	90	1.90	1.90	92	100	100	97	100	98
Totals	1.43	1.20	92	99	97	82	94	91	1.66	1.66	95	99	96	99	100	91

Table 3: AFP cases by month of paralysis onset, last 13 months

State / Division	2002 Total AFP	2003 Total AFP	2003 total AFP Jan-Nov	2004 AFP up to date	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04
Ayeyarwady	35	34	34	31	2	0	1	1	1	3	0	1	6	6	5	3	4
Bago East	15	16	15	10	2	1	0	0	0	1	0	0	2	1	4	2	0
Bago West	21	13	13	13	2	0	0	1	2	2	0	1	0	3	2	0	2
Chin	7	5	5	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Kachin	6	7	7	6	0	0	0	0	1	0	0	2	0	1	2	0	0
Kayah	2	9	8	2	3	1	0	1	0	0	0	0	0	0	1	0	0
Kayin	6	5	5	6	0	0	0	0	0	0	0	0	1	1	2	2	0
Magway	28	24	22	20	0	2	2	0	1	1	0	2	4	8	1	1	0
Mandalay	31	44	43	35	9	1	1	2	5	1	3	3	6	3	3	5	3
Mon	10	11	11	14	1	0	1	1	1	0	2	0	1	3	2	1	2
Rakhine	27	19	18	18	1	1	2	0	5	0	1	2	4	0	3	0	1
Sagaing	33	27	25	31	2	2	5	4	2	2	5	2	3	1	2	2	3
Shan North	10	15	15	7	3	0	0	0	0	0	1	0	3	2	1	0	0
Shan East	4	3	3	4	0	0	0	0	0	1	0	1	1	0	0	1	0
Shan South	7	9	9	7	1	0	0	0	0	0	1	0	0	3	1	2	0
Tanintharyi	5	12	11	11	6	0	1	1	0	0	1	1	3	0	1	2	1
Yangon	59	38	35	20	7	3	5	0	0	0	1	1	1	2	3	4	3
Totals	306	291	279	236	39	11	18	11	19	11	15	16	35	34	33	25	19

Table 4: Stool processing and Laboratory performance indicators for cases with onset in 2003 & 2004, data as of 15/12/04

	Target	Achievement	
		2003	2004
% Specimens arriving at the Lab within 3 days after being sent	80	94	92
% Specimens arriving in the Lab in good condition	90	100	100
% Specimens with a turn-around time of 28 days or less	80	100	97
% Specimens for which non-polio enterovirus was isolated	10	20	17
% Polio-positive specimens forwarded to Ref Lab within 14 days after isolation	80	100	100

Table 5: Laboratory Results, as reported by NHL between 15th Nov 2004 and 15 Dec 2004

State/ Division	Township	EPID number	Date Onset	Date Stool sent	Stool Condition	Date Report by NHL	Stool 1 Result	Stool 2 Result
BAGO	BAGO	MMR071104001	17/10/2004	29/10/2004	Good	15/11/2004	Negative	NFEV
TANINTHARYI	KAWTHAUNG	MMR060104001	04/11/2004	06/11/2004	Good	29/11/2004	NFEV	NFEV
AYEYARWADY	KYAUNGON	MMR140204002	22/11/2004	25/11/2004	Good	15/12/2004	NFEV	NFEV

N.B. If stool condition is good and laboratory finding is negative, it will not be shown in the table.

Table 6: Results of Intra-Typic Differentiation by NH/Bangkok, 2004

State/ Division	Township	IDCODE	Onset Date	Stool Condition	Stool 1	Stool 2
SAGAING	KALEWA	MMR050304001	27/06/2004	Good	P2S	P2S
MANDALAY	NATOEYI	MMR090904002	11/08/2004	Good	P3S	P3S

Note: P1, P2, P3 indicates Polio Serotype 1, 2, 3 respectively; "W" indicates "Wild Virus"; "S" indicates "Sabin (=Vaccine) Virus"

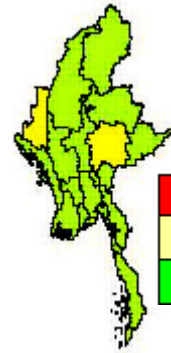


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Table 1: Reported AFP cases against targets by State/Division and classification status of cases with onset in 2003 and 2004 (date as of 19/01/2005)

State / Division	Population x 10 ⁵	2004									2003					
		Min. non-polio AFP target	AFP		Polio			Cases Pending	No. with 2 spec. w/in 14 days	No. of AFP cases (80 day follow-up done)	AFP		Polio			
			Non-polio AFP cases	Reported AFP cases	Confirmed Polio	UnID Polio	Virus				Non-polio AFP cases	Reported AFP cases	Confirmed Polio	UnID Polio	Virus	
Ayeyarwady	2,457,890	25	31	39	0	0	8	33	18	34	34	0	0	0	33	33
Bago East	1,017,176	10	10	15	0	0	5	14	6	16	16	0	0	0	13	14
Bago West	826,605	8	12	15	0	0	3	14	9	13	13	0	0	0	13	13
Chin	174,036	2	1	2	0	0	1	2	1	5	5	0	0	0	5	5
Kachin	461,195	5	6	6	0	0	0	6	4	7	7	0	0	0	6	7
Kayah	96,444	1	2	2	0	0	0	2	2	9	9	0	0	0	9	9
Kayin	539,872	5	6	6	0	0	0	5	2	5	5	0	0	0	4	5
Magway	1,648,989	16	20	24	0	0	4	22	18	24	24	0	0	0	24	22
Mandalay	2,383,563	24	35	37	0	0	2	35	24	44	44	0	0	0	41	41
Mon	907,161	9	14	16	0	0	2	14	9	11	11	0	0	0	10	11
Rakhine	994,904	10	18	20	0	0	2	19	14	19	19	0	0	0	17	18
Sagaing	1,989,808	20	31	34	0	0	3	31	23	27	27	0	0	0	27	27
Shan North	737,323	7	7	8	0	0	1	8	3	15	15	0	0	0	15	15
Shan East	348,475	3	4	5	0	0	1	4	3	3	3	0	0	0	3	3
Shan South	684,229	7	7	7	0	0	0	7	4	9	9	0	0	0	8	9
Tanintharyi	491,651	5	11	12	0	0	1	10	8	12	12	0	0	0	12	12
Yangon	2,015,913	20	20	22	0	0	2	20	10	38	38	0	0	0	35	35
Totals	17,775,234	177	235	270	0	0	35	246	158	291	291	0	0	0	275	279

Table 2: Selected Performance Indicators by State/Division for cases with onset in 2003 and 2004 (data as of 19/01/2005)

State / Division	2004								2003							
	Annualized AFP RATE		Stool Collection		% AFP Investigated w/in 45 hrs.	% AFP cases with 60 days Follow-up	% Weekly zero reports received	% Weekly zero reports received on Time	Annualized AFP RATE		Stool Collection		% AFP Investigated w/in 45 hrs.	% AFP cases with 60 days Follow-up	% Weekly zero reports received	% Weekly zero reports received on Time
	Total AFP	Non-Polio	% with 2 spec. w/in 14 days	% with any specimen					Total AFP	Non-Polio	% with 2 spec. w/in 14 days	% with any specimen				
TARGET	1	1	80	100	80	80	80	80	1	1	80	100	80	80	80	80
Ayeyarwady	1.56	1.24	85	103	100	67	100	94	1.42	1.42	97	100	100	100	98	91
Bago East	1.50	1.00	93	100	100	60	100	99	1.60	1.60	81	94	75	100	98	95
Bago West	1.88	1.50	93	100	100	82	100	100	1.63	1.63	100	100	100	100	100	98
Chin	1.00	0.50	100	100	50	100	100	86	2.50	2.50	100	100	100	100	100	82
Kachin	1.20	1.20	100	100	100	67	98	62	1.40	1.40	86	100	100	100	100	61
Kayah	2.00	2.00	100	100	100	100	96	88	9.00	9.00	100	100	100	100	100	87
Kayin	1.20	1.20	83	83	100	33	100	100	1.00	1.00	80	100	80	100	100	100
Magway	1.50	1.25	92	100	96	90	100	95	1.50	1.50	100	100	100	100	100	94
Mandalay	1.54	1.46	95	97	92	75	100	100	1.91	1.91	93	98	100	98	100	94
Mon	1.78	1.56	88	100	100	75	100	100	1.22	1.22	91	100	64	100	100	100
Rakhine	2.00	1.80	95	100	100	82	100	98	1.90	1.90	89	100	89	100	100	85
Sagaing	1.70	1.55	91	100	100	82	100	87	1.35	1.35	100	100	100	100	100	84
Shan North	1.14	1.00	100	100	100	43	100	95	2.14	2.14	100	100	100	100	100	79
Shan East	1.67	1.33	80	80	100	75	97	95	1.00	1.00	100	100	100	100	98	95
Shan South	1.00	1.00	100	100	100	57	100	73	1.29	1.29	89	100	100	100	100	85
Tanintharyi	2.40	2.20	83	100	100	80	100	82	2.40	2.40	100	100	83	100	100	82
Yangon	1.10	1.00	91	95	95	59	100	96	1.90	1.90	92	100	100	97	100	98
Totals	1.53	1.33	91	99	98	73	99	91	1.66	1.66	95	99	96	99	100	91

Table 3: AFP cases by month of paralysis onset, last 13 months

State / Division	2002 Total AFP	2003 Total AFP	2003 total AFP Jan-Dec	2004 AFP up to date	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04
Ayeyarwady	35	34	34	40	0	1	1	1	3	0	1	6	5	6	3	5	8
Bago East	15	16	16	15	1	0	0	0	1	0	0	2	1	4	2	0	5
Bago West	21	13	13	15	0	0	1	2	2	0	1	0	3	2	0	2	2
Chin	7	5	5	2	0	0	0	1	0	0	0	0	0	0	0	0	1
Kachin	6	7	7	6	0	0	0	1	0	0	2	0	1	2	0	0	0
Kayah	2	9	9	2	1	0	1	0	0	0	0	0	0	1	0	0	0
Kayin	6	5	5	6	0	0	0	0	0	0	0	1	1	2	2	0	0
Magway	28	24	24	24	2	2	0	1	1	0	2	4	8	1	1	0	4
Mandalay	31	44	44	36	1	1	2	5	1	3	3	6	3	3	5	3	1
Mon	10	11	11	16	0	1	1	1	0	2	0	1	3	2	1	2	2
Rakhine	27	19	19	20	1	2	0	5	0	1	2	4	0	3	0	1	2
Sagaing	33	27	27	34	2	5	4	2	2	5	2	3	1	2	2	3	3
Shan North	10	15	15	8	0	0	0	0	0	1	0	3	2	1	0	0	1
Shan East	4	3	3	5	0	0	0	0	1	0	1	1	0	0	1	0	1
Shan South	7	9	9	7	0	0	0	0	0	1	0	0	3	1	2	0	0
Tanintharyi	5	12	12	12	0	1	1	0	0	1	1	3	0	1	2	2	0
Yangon	59	38	38	22	3	5	0	0	0	1	1	1	2	3	5	2	2
Totals	306	291	291	270	11	18	11	19	11	15	16	35	33	34	26	20	32

Table 4: Stool processing and Laboratory performance indicators for cases with onset in 2003 & 2004, data as of 19/01/05

	Target	Achievement	
		2003	2004
% Specimens arriving at the Lab within 3 days after being sent	80	94	90
% Specimens arriving in the Lab in good condition	90	100	100
% Specimens with a turn-around time of 28 days or less	80	100	94
% Specimens for which non-polio enterovirus was isolated	10	20	15
% Polio-positive specimens forwarded to Ref Lab within 14 days after isolation	80	100	100

Table 5: Laboratory Results, as reported by NHL between 15th Dec 2004 and 19 Jan 2005

State/ Division	Township	EPID number	Date Onset	Date Stool sent	Stool Condition	Date Report by NHL	Stool 1 Result	Stool 2 Result
TANINTHARYI	KAWTHAUNG	MMR060104002	22/11/2004	14/12/2004	Good	29/12/2004	P2	P2
YANGON	TWANTE	MMR123604002	02/12/2004	13/12/2004	Good	29/12/2004	Negative	NPEV
BAGO	THANATPIN	MMR072404002	01/12/2004	08/12/2004	Good	03/01/2005	NPEV	NPEV
BAGO	OKPO	MMR072804001	08/12/2004	13/12/2004	Good	03/01/2005	NPEV	NPEV
BAGO	PYU	MMR071604001	24/12/2004	27/12/2004	Good	12/01/2005	NPEV	NPEV

N.B. If stool condition is good and laboratory finding is negative, it will not be shown in the table.

Table 6: Results of Intra-Typic Differentiation by NH/Bangkok, 2004

State/ Division	Township	IDCODE	Onset Date	Stool Condition	Stool 1	Stool 2
SAGAING	KALEWA	MMR050304001	27/06/2004	Good	P2S	P2S
MANDALAY	NATOEGYI	MMR090904002	11/08/2004	Good	P3S	P3S

Note: P1, P2, P3 indicates Polio Serotype 1, 2, 3 respectively; "W" indicates "Wild Virus"; "S" indicates "Sabin (Vaccine) Virus"