

National HIV/AIDS update

AIDS/SAD Control Program Ministry of Health, Addis Ababa

1. Introduction

This report is published by the National AIDS Control Programme on a monthly basis. The major objectives of the publication are to:

-Notify the current status of AIDS epidemic in the country, and provide information for decision making and future planning . -Provide feedback to health institutions and collaborating agencies in the country. From January 1986 to 30, November 1994, a total of 15.565 AIDS cases have been reported by 55 hospitals in the country .

2. Criteria used to diagnose AIDS patients in Ethiopia.

The World Health Organization (WHO) provisional case definition with positive serology test for HIV antibodies is the criteria used to diagnose AIDS. According to the case definition, a patient has to manifest at least two major and one minor signs and show an HIV positive serology.

3. Summary of the report for the month of November 1994.

In November 1994 alone, a total of 304 AIDS cases were reported by 12 hospitals.

Table 1: **Distribution of reported AIDS Cases by hospital, for the month of November 1994.**

Hospital	Cases
Arbaminch	31
attat	19
Bushulo	9
Debre tabor	15
Gandhi	13
Gimbi	43
Hiwot fana	47
Jimma	74
Metehara	11
Wonji	7
Yekatit 12	12
Tiraglame	32
Total	304

Table 2: **Distribution of AIDS Cases by Year of Report as of 30, November 1994.**

Year	Sex			Sex Ratio (M:F)	Percent of Total
	Male	Female	Total		
86	1	1	2	1:1	0.01%
87	12	5	17	2.4:1	0.11%

88	67	18	85	3.7:1	0.55%
89	128	62	190	2.1:1	1.22%
90	292	156	448	1.9:1	2.88%
91	585	300	885	1.9:1	5.69%
92	1094	1272	3256	1.6:1	20.92%
93	3198	1937	5124	1.6:1	32.92%
94	3310	2247	5558	1.5:1	35.71%
Total	9566	5998	15565	1.6:1	100.0%

The proportion of female patients being reported has increased since 1992.

Table 3: Age and Sex Distribution of reported AIDS Cases, as of 30, November 1994.

Age group	Sex			Percent
	Male	Female	Total	
0-4	126	115	241	1.55%
5-14	17	20	37	0.24%
15-19	193	657	850	5.46%
20-29	3567	3199	6767	43.48%
30-39	3511	1389	4900	31.48%
40-49	1551	448	1999	12.84%
50-59	484	146	630	4.05%

60+	117	24	141	0.91%
Total	9566	5998	15565	100.00%
(Percent)	(61.46%)	(38.54%)		

Average age for females = 27 years, and for males = 32.5 years, and for both = 30.0 years

Table 4: Distribution of Reported AIDS Cases by Marital Status as of 30, November 1994.

Marital Status	Male	Female	Total	percent
Single	4528	2319	6847	44.3%
Married	3763	1813	5576	35.94%
Divorced	475	1125	1600	10.31%
Widowed	83	383	466	3.00%
Paediatric cases (Age<15 y)	128	115	243	1.57%
Unspecified	562	221	783	5.13%
Total	9566	5998	15564	100.00%

Table 5: Reported AIDS Cases by Occupation as of 30, November 1994.

Occupation type	Male	Females	Both	Percent
Army	1739	41	1780	11.44%
Bar worker*	95	176	271	1.74%
Daily labourer	470	151	621	3.99%
Driver	1055	7	1062	6.82%
Farmer	298	18	316	2.03%

govt employee	1696	450	2146	13.79%
Hour Wife	0	1228	1228	7.90%
Mechanic	269	4	273	1.75%
Merchant	1079	242	1321	8.49%
Other	692	417	1109	7.12%
Prisoner	53	0	53	0.34%
Servant	15	372	387	2.49%
Sex worke	0	871	871	5.60%
Student	264	392	656	4.21%
Tella Seller	12	197	209	1.34%
Unemployed (<15y)	136	128	264	1.70%
Unemployed (adult)	366	455	821	5.27%
Unspecified	1327	849	2176	13.97%
Total	9566	5998	15565	100.00%

* Bar Worker include bar owners and those who are not at high risk as sex workers

Table 6: Average number of AIDS cases per month and number of reporting hospitals by year, as of 30 November 1994

Year	Average no. of cases per month	Reporting hospitals		Total
		Addis Ababa	Region	
Before 1988	0 to 1	7	0	7
1988	7	13	2	15
1989	16	15	4	19

1990	37	17	14	31
1991	74	17	22	39
1992	269	17	29	46
1993	427	18	30	48
1994	505	18	37	55
Total		18	37	55

Table 7: AIDS Cases by Risk factors, as of 30, November 1994.

Risk Factors:	Male	Female	Total	Percent
History of Multi-Partner Sexual Contact (MPSC)	8440	5128	13569	87.17%
History of Blood Transfusion	75	50	125	0.80%
Maternal HIV or Breast Feeding	125	116	241	1.55%
History of illegal injection	73	66	139	0.89%
IV drug abuse	4	2	6	0.04%
Unspecified	849	636	1485	9.54%

Table 8: Distribution of AIDS cases by hospital and by year for Regional hospitals, as 30 November 1994.

Reporting Hospital	Year of Report									Total	Percent
	86	87	88	89	90	91	92	93	94		
Air force	0	0	0	0	0	0	0	18	0	18	0.24%
Alamata	0	0	0	0	0	0	0	0	13	13	0.17%

Ambo	0	0	0	0	0	3	14	42	16	75	0.99%
Arbaminch	0	0	0	0	7	24	41	86	77	235	3.11%
Asebe teferi	0	0	0	0	0	12	6	30	39	87	1.15%
Assab	0	0	2	0	0	0	0	0	0	2	0.03%
Assela	0	0	0	0	1	26	6	0	38	71	0.94%
Attat	0	0	0	0	0	14	59	176	162	411	5.43%
Borena	0	0	0	0	1	0	0	0	0	1	0.01%
Bushulo	0	0	0	0	0	0	20	93	160	273	3.61%
Central prison	0	0	0	0	0	0	0	0	10	10	0.13%
Debre berhan	0	0	0	0	0	0	8	12	71	91	1.20%
Debre markos	0	0	0	0	0	0	46	32	0	78	1.03%
Debre Tabor	0	0	0	0	0	11	70	0	80	161	2.13
Dessie	0	0	0	0	0	19	86	94	460	659	8.71%
Dil chora	0	0	0	0	13	31	72	335	28	479	6.33%
Die dawa	0	0	0	0	0	0	0	0	88	88	1.16%
Felege hiwot	0	0	0	8	1	18	575	162	0	764	10.10%
Gimbi	0	0	0	0	7	0	0	74	242	323	4.27%
Goba	0	0	0	0	0	5	0	45	0	50	0.66%
Gondar College	0	0	0	0	32	82	214	144	307	779	10.30%
Heroes Center	0	0	0	0	1	3	0	1	1	6	0.08%

Hiwot fana	0	0	0	0	14	59	93	150	153	469	6.20%
Reporting Hospital	Year of Report									Total	Percent
	86	87	88	89	90	91	92	93	94		
Hossana	0	0	0	0	14	0	34	0	56	90	1.19%
Jimma	0	0	1	1	0	12	0	121	74	209	2.76%
Maichew	0	0	0	0	0	0	0	0	9	9	0.12%
Mekelle	0	0	0	0	0	0	0	0	20	20	0.26%
Metehara	0	0	0	0	0	0	1	0	32	33	0.44%
Mizan	0	0	0	0	0	1	5	0	8	14	0.19%
Nazareth	0	0	0	1	0	14	180	132	218	545	7.20%
Nekemt	0	0	0	0	0	0	0	81	262	343	4.53%
Pawie	0	0	0	0	0	0	59	60	0	119	1.57%
Quiha	0	0	0	0	0	0	0	0	6	6	0.08%
Shashemene	0	0	0	0	0	9	17	10	0	36	0.48%
Woldia	0	0	0	0	0	0	31	112	81	224	2.96%
Wonji	0	0	0	0	3	13	42	70	54	182	2.41%
Yigalem	0	0	0	0	0	0	0	0	23	23	0.30%
Yirgalem	0	0	0	0	10	21	136	255	148	570	7.53%
Total	0	0	3	10	90	277	1815	2335	2936	7566	100.00%

Table 9: Distribution of AIDS Cases by Hospital and by Year for Addis Ababa Hospitals, as of 30, Nov. 1994

Reporting Hospital	Year of Report		
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	86	87	88	89	90	91	92	93	94	Total	Percent
ALERT	0	1	32	37	61	0	339	224	72	766	9.6%
Amanuel	0	0	0	0	0	1	6	5	0	12	0.15%
Armed forces	0	4	3	22	59	64	36	30	13	231	2.89%
Balcha	0	0	3	0	0	0	0	0	0	3	0.04%
Entrel command	0	0	2	0	0	0	11	33	28	74	0.93%
Central prison	0	0	0	0	0	0	0	19	39	58	0.73%
Ethio-Swedish	0	0	5	0	0	3	3	0	7	18	0.23%
Gandhi	0	0	0	1	0	0	0	0	37	38	0.48%
Kolfie. tbc	0	0	0	0	5	0	0	49	221	275	3.44%
Menelik II	0	0	0	13	7	0	0	378	325	933	11.66%
St. Paulos	0	0	4	0	1	23	23	294	272	612	7.65%
St. Petros	0	1	1	4	84	39	39	235	115	555	6.94%
Police	0	2	1	10	5	36	36	52	38	173	2.16%
Ras desta	0	1	0	30	44	106	106	362	381	1057	13.21%
Tatek	0	0	0	0	6	22	22	2	3	33	0.41%
Tikur Anbessa	0	3	25	47	43	148	148	634	764	1812	22.65%
Yekatit 12	2	5	3	13	22	16	16	199	179	690	8.63%
Zewditu	0	0	3	3	21	50	50	273	191	659	8.24%
Total	2	17	82	180	358	508	508	2789	2622	7999	100.00%

Table 10. **Clinical Signs and Symptoms of reported AIDS Cases.**

Clinical Manifestations	Males	Females	Total	Percent	
MAJOR SYMPTOMS					
Weight loss >10% of body weight (Failure to thrive)		8365	5291	13657	87.74%
Prolonged Fever for >1month		8001	5098	13100	84.16%
Chronic Diarrhoea for >1 month		5768	3620	9389	60.32%
MINOR SYMPTOMS					
Generalized Lymphadenopathy		2356	1286	3642	23.40%
Persitent Cough for >1 month		6583	3955	10539	67.71%
Skin rashes		125	73	198	1.27%
Tuberculosis(pulmonary and/or Disseminated)		1377	811	2188	14.06%
Recurrent herpes zoster		1367	755	2122	13.63%
Generalized pruritic dermatitis		1590	1094	2685	17.25%
Oropharyngeal candidiasis		1931	1230	3161	20.31%
Pneumonia (including PCP)		404	228	632	4.06%
Chronic herpes simplex		98	84	182	1.17%
CNS derangement		133	56	189	1.21%
Night sweats& Generalized		114	66	180	1.16%
Body Weakness					

Loss of appetite	21	9	30	0.19%
.Kaposi=s Sarcoma	32	8	40	0.26%