

THE HIV/AIDS EPIDEMIC IN BENISHANGUL GUMUZ REGION

The prevalence of HIV is estimated to be 3.0%, 3.1% in the years 2003 and 2004, respectively. In the respective years, among the urban population the prevalence is estimated to be 12.0% for both 2003 and 2004. Among the rural population the corresponding estimates are 2.0% and 2.1%. The estimated incidence of HIV was 0.43% in 2003, and 0.42% in 2004. The incidence is remaining fairly constant in the subsequent years to come.

In the region, the urban epidemic seems to be stabilizing after 1999/2000, whereas the rural epidemic shows a rising trend, thus the total regional trend is also increasing.

A total of 8,900 and 9,600 persons were estimated to be living with HIV/AIDS in the years 2003 and 2004, respectively. It is also estimated that there were a total of 1,400 and 1,300 new HIV infections in 2003 and 2004, respectively. In the same years, it is estimated that there were a total of 700 and 800 new AIDS cases. The corresponding figures for the annual AIDS deaths were 700.

In the respective years, there were 800 and 900 HIV-positive pregnant women. In the years 2003 and 2004, there were 200 HIV-positive births, each year. In the years 2003 and 2004, it is estimated that 1,500 and 1,600 new persons required ART.

Among children, it is estimated that there were a total of 600 children living with HIV, with 200 new HIV infections, 200 new AIDS cases and correspondingly, 200 deaths, during both 2003 and 2004.

It was estimated that there were 2,100 and 2,400 maternal AIDS orphans, 2,000 and 2,200 paternal AIDS orphans and 1000 and 1,200 dual AIDS orphans in the years 2003 and 2004, respectively.

In overall, despite a stable incidence, the number of new HIV infections, new AIDS cases and annual AIDS deaths shows a rising trend, which may be attributed to the rapid population increase and past rises in incidence.

TABLE 4F.1 Major HIV Indicators, Benishangul Gumuz

ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)							
Total	2.9	3.0	3.1	3.2	3.2	3.2	3.3
Female	3.3	3.4	3.5	3.6	3.6	3.7	3.7
Male	2.5	2.6	2.7	2.8	2.8	2.8	2.8
Urban areas	12.1	12.0	12.0	11.9	11.9	11.9	11.9
Rural areas	1.9	2.0	2.1	2.2	2.3	2.3	2.3
HIV-pos population							
Total	8,262	8,921	9,536	10,100	10,631	11,128	11,612
Males	3,677	3,971	4,245	4,498	4,737	4,959	5,176
Females	4,585	4,950	5,291	5,602	5,894	6,169	6,436
HIV-pos pregnant women	767	812	856	892	925	953	978
Annual HIV-pos births	209	221	233	243	251	259	266
New HIV infections							
Total	1,280	1,352	1,381	1,401	1,439	1,471	1,524
Males	594	628	643	653	671	687	711
Females	686	724	738	748	768	784	813
Adult HIV incidence (%)	0.43	0.43	0.42	0.42	0.41	0.41	0.40
New AIDS cases							
Total	661	729	798	865	930	994	1,053
Males	315	346	378	409	439	469	496
Females	346	383	420	456	491	525	557
Annual AIDS deaths							
Total	600	669	737	805	871	936	998
Males	287	318	350	382	413	442	471
Females	313	351	387	423	458	494	527
Annual population increase		14,950	15,263	15,545	15,861	16,182	16,478
No. newly needing ART		1,458	1,596	1,730	1,860	1,988	2,106
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	544	592	638	682	725	763	800
Males	276	300	323	345	367	387	405
Females	268	292	315	337	358	376	395
New HIV infections							
Total	209	221	233	243	251	259	266
Males	105	112	118	123	127	132	135
Females	104	109	115	120	124	127	131
New AIDS cases							
Total	143	155	168	178	190	200	209
Males	73	79	84	91	96	101	106
Females	70	76	84	87	94	99	103
Annual AIDS deaths							
Total	139	151	162	174	184	194	204
Males	70	76	83	88	93	98	103
Females	69	75	79	86	91	96	101
No. newly needing ART		310	336	356	380	400	418
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	1,728	2,052	2,393	2,749	3,114	3,483	3,852
Non-AIDS	17,030	17,259	17,453	17,610	17,729	17,810	17,856
Total	18,758	19,311	19,847	20,360	20,843	21,293	21,707
Paternal orphans							
AIDS	1,649	1,922	2,209	2,507	2,814	3,124	3,433
Non-AIDS	23,993	24,280	24,532	24,748	24,925	25,064	25,165
Total	25,641	26,201	26,741	27,256	27,740	28,188	28,598
Dual orphans							
AIDS	800	1,004	1,210	1,413	1,610	1,794	1,967
Non-AIDS	4,139	4,157	4,165	4,160	4,143	4,114	4,074
Total	4,938	5,161	5,374	5,573	5,753	5,907	6,041
Total orphans	39,461	40,351	41,213	42,041	42,830	43,573	44,264
Total AIDS orphans	2,577	2,970	3,392	3,843	4,318	4,813	5,318

FIGURE 4F.1

Estimated and Projected HIV Prevalence By Year Adult Population 15-49, Urban, Rural, and Total Benishangul Gumuz

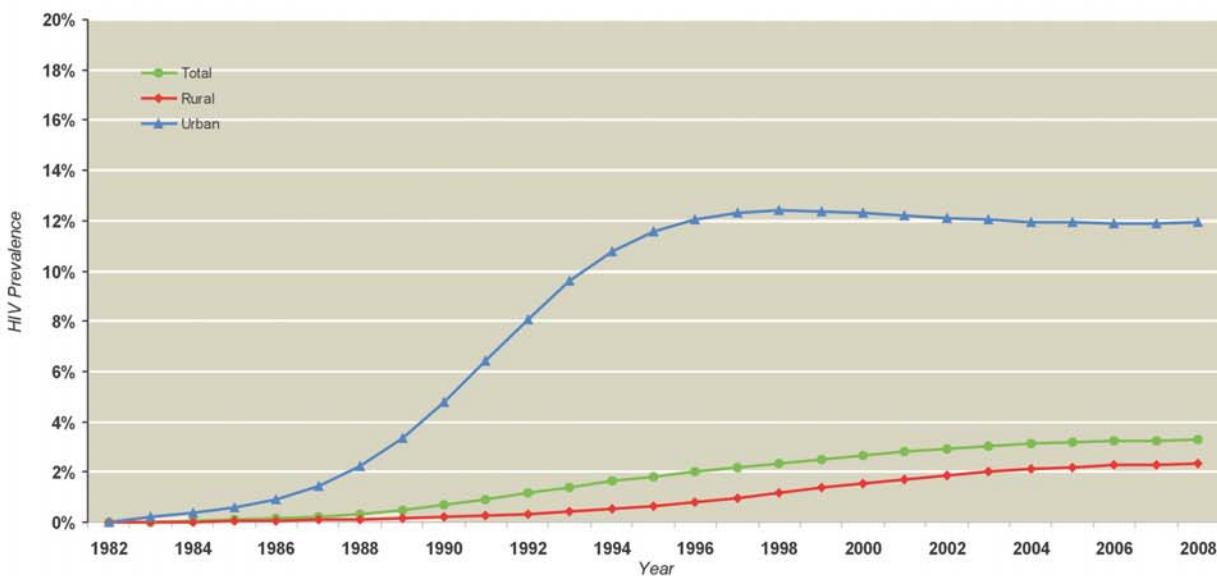
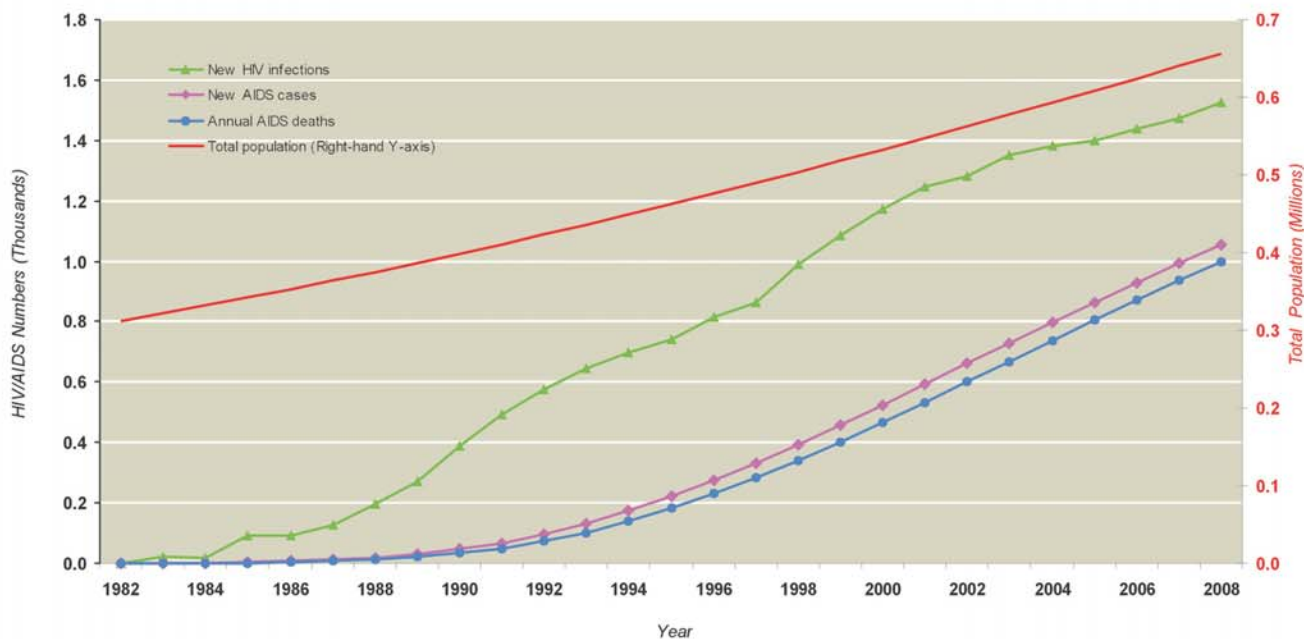


FIGURE 4F.2

Estimated and Projected Number of New HIV Infections, New AIDS Cases, and Annual AIDS Deaths By Year, All Ages, Benishangul Gumuz

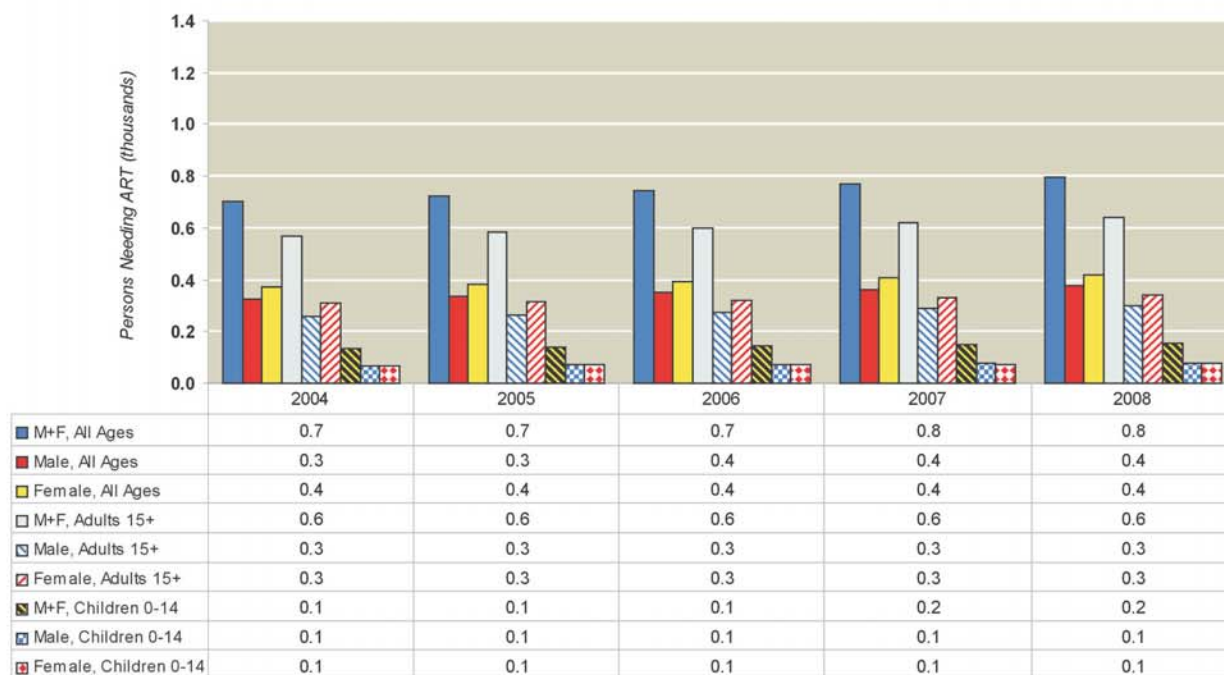


Note: Both HIV incidence and prevalence are lower than the national levels. Incidence rates show a slightly declining pattern. Population increase is very much marked and thus is contributing to the rise in the number of new infection, AIDS cases, and AIDS deaths.

TABLE 4F.2 Major HIV Indicators, Benishangul Gumuz, Urban

ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)	12.1	12.0	12.0	11.9	11.9	11.9	11.9
Female	13.5	13.4	13.4	13.3	13.3	13.4	13.4
Male	10.7	10.6	10.5	10.5	10.4	10.4	10.4
HIV-pos population							
Total	3,415	3,539	3,672	3,815	3,967	4,132	4,306
Males	1,529	1,585	1,644	1,708	1,777	1,851	1,929
Females	1,886	1,954	2,028	2,107	2,190	2,281	2,377
HIV-pos pregnant women	286	291	298	306	314	323	332
Annual HIV-pos births	78	79	81	83	85	88	90
New HIV infections							
Total	445	465	490	513	535	557	578
Males	207	216	227	237	248	259	269
Females	238	249	263	276	287	298	309
Adult HIV incidence (%)	1.67	1.68	1.71	1.72	1.72	1.72	1.72
New AIDS cases							
Total	325	338	351	362	373	385	397
Males	151	157	163	169	175	182	188
Females	174	181	188	193	198	203	209
Annual AIDS deaths							
Total	310	326	340	352	363	374	386
Males	144	151	158	164	170	176	182
Females	166	175	182	188	193	198	204
Annual population increase		2,013	2,076	2,147	2,215	2,285	2,354
No. newly needing ART		676	702	724	746	770	794
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	246	254	261	268	276	283	291
Males	125	129	132	136	140	144	148
Females	121	125	129	132	136	139	143
New HIV infections							
Total	78	79	81	83	85	88	90
Males	39	40	41	42	43	45	46
Females	39	39	40	41	42	43	44
New AIDS cases							
Total	62	65	68	70	73	75	77
Males	32	33	34	36	37	38	39
Females	30	32	34	34	36	37	38
Annual AIDS deaths							
Total	61	64	66	69	71	73	76
Males	31	32	34	35	36	37	38
Females	30	32	32	34	35	36	38
No. newly needing ART		130	136	140	146	150	154
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	1,038	1,186	1,325	1,453	1,569	1,672	1,764
Non-AIDS	1,214	1,242	1,266	1,285	1,300	1,311	1,319
Total	2,252	2,428	2,591	2,739	2,869	2,983	3,082
Paternal orphans							
AIDS	952	1,066	1,175	1,277	1,372	1,459	1,538
Non-AIDS	1,655	1,702	1,743	1,779	1,808	1,832	1,851
Total	2,606	2,768	2,919	3,056	3,180	3,291	3,389
Dual orphans							
AIDS	488	561	631	696	755	806	848
Non-AIDS	198	202	206	208	209	209	208
Total	685	763	837	904	964	1,014	1,056
Total orphans	4,173	4,432	4,672	4,890	5,086	5,260	5,415
Total AIDS orphans	1,502	1,691	1,869	2,034	2,186	2,325	2,454

FIGURE 4F.3 Projected Annual No. of Patients Newly Needing ART, by Sex and Age Group, 2004-08, Urban Benishangul



Year and Persons Newly Needing ART in Thousands
(Figures rounded and may not add up to total)

FIGURE 4F.4 Estimated and Projected Number of New HIV Infections, New AIDS Cases, and Annual AIDS Deaths By Year, All Ages, Urban Benishangul

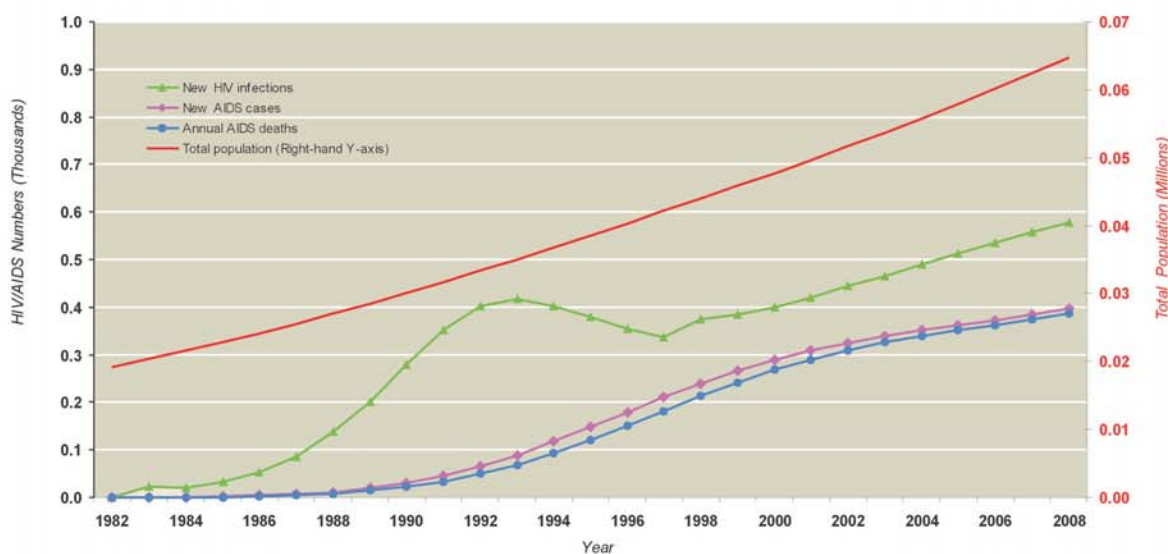
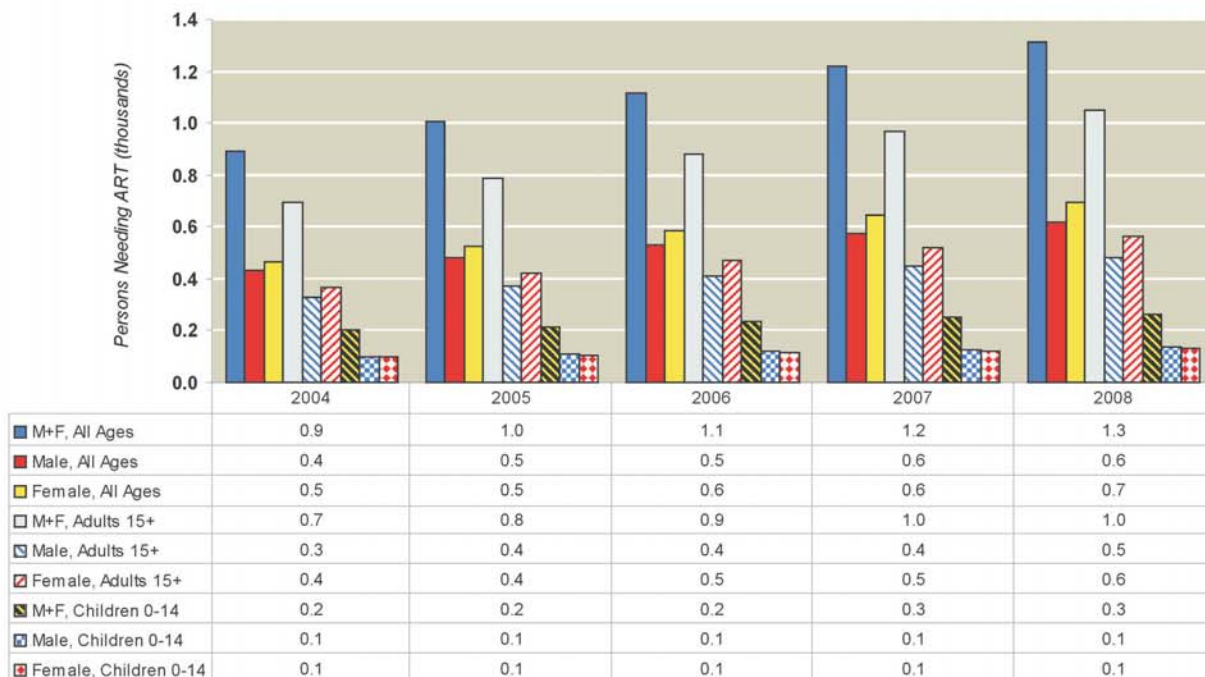


TABLE 4F.3 Major HIV Indicators, Benishangul Gumuz, Rural

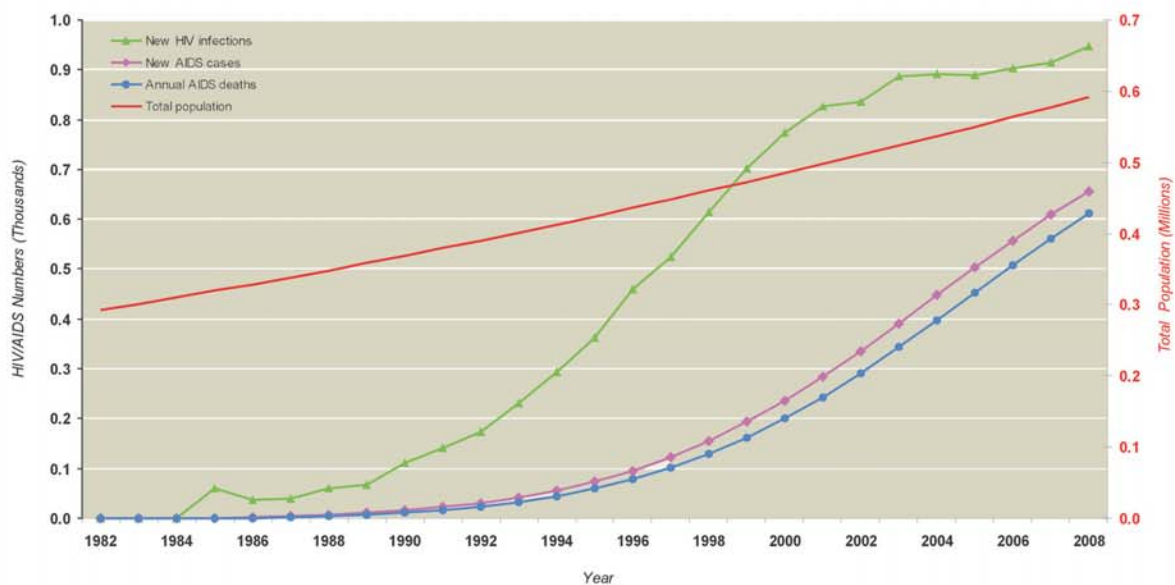
ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)	1.9	2.0	2.1	2.2	2.3	2.3	2.3
Female	2.1	2.3	2.4	2.5	2.6	2.6	2.7
Male	1.6	1.7	1.8	1.9	1.9	2.0	2.0
HIV-pos population							
Total	4,847	5,382	5,864	6,285	6,664	6,996	7,306
Males	2,148	2,386	2,601	2,790	2,960	3,108	3,247
Females	2,699	2,996	3,263	3,495	3,704	3,888	4,059
HIV-pos pregnant women	481	521	558	586	611	630	646
Annual HIV-pos births	131	142	152	160	166	171	176
New HIV infections							
Total	835	887	891	888	904	914	946
Males	387	412	416	416	423	428	442
Females	448	475	475	472	481	486	504
Adult HIV incidence (%)	0.31	0.32	0.31	0.29	0.29	0.28	0.28
New AIDS cases							
Total	336	391	447	503	557	609	656
Males	164	189	215	240	264	287	308
Females	172	202	232	263	293	322	348
Annual AIDS deaths							
Total	290	343	397	453	508	562	612
Males	143	167	192	218	243	266	289
Females	147	176	205	235	265	296	323
Annual population increase		12,937	13,187	13,398	13,646	13,897	14,124
No. newly needing ART		782	894	1,006	1,114	1,218	1,312
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	298	338	377	414	449	480	509
Males	151	171	191	209	227	243	257
Females	147	167	186	205	222	237	252
New HIV infections							
Total	131	142	152	160	166	171	176
Males	66	72	77	81	84	87	89
Females	65	70	75	79	82	84	87
New AIDS cases							
Total	81	90	100	108	117	125	132
Males	41	46	50	55	59	63	67
Females	40	44	50	53	58	62	65
Annual AIDS deaths							
Total	78	87	96	105	113	121	128
Males	39	44	49	53	57	61	65
Females	39	43	47	52	56	60	63
No. newly needing ART		180	200	216	234	250	264
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	690	866	1,068	1,296	1,545	1,811	2,088
Non-AIDS	15,816	16,017	16,187	16,325	16,429	16,499	16,537
Total	16,506	16,883	17,256	17,621	17,974	18,310	18,625
Paternal orphans							
AIDS	697	856	1,034	1,230	1,442	1,665	1,895
Non-AIDS	22,338	22,578	22,789	22,969	23,117	23,232	23,314
Total	23,035	23,433	23,822	24,200	24,560	24,897	25,209
Dual orphans							
AIDS	312	443	579	717	855	988	1,119
Non-AIDS	3,941	3,955	3,959	3,952	3,934	3,905	3,866
Total	4,253	4,398	4,537	4,669	4,789	4,893	4,985
Total orphans	35,288	35,919	36,541	37,151	37,744	38,313	38,849
Total AIDS orphans	1,075	1,279	1,523	1,809	2,132	2,488	2,864

FIGURE 4F.5 Projected Annual No. of Patients Newly Needing ART, by Sex and Age Group, 2004-08, Rural Benishangul



Year and Persons Newly Needing ART in Thousands
(Figures rounded and may not add up to total)

FIGURE 4F.6 Estimated and Projected Number of New HIV Infections, New AIDS Cases, and Annual AIDS Deaths By Year, All Ages, Rural Benishangul



THE HIV/AIDS EPIDEMIC IN SNNPR

The HIV prevalence is estimated to be 2.8% and 2.9% in 2003 and 2004, respectively. In urban SNNPR the HIV prevalence is estimated at 9.2% and 9.1% respectively. In the rural population the corresponding estimates are 2.1% and 2.3%. The estimated HIV incidence is slowly rising to 0.44% in 2003, 0.45% in 2004, will peak at 0.45% by 2004, and is expected to slowly fall thereafter.

In SNNPR, the urban epidemic seems to have reached its peak in the mid 1990's, whereas the rural epidemic shows a rising trend, thus the total regional trend is increasing.

A total of 184,000 and 202,000 persons were estimated to be living with HIV/AIDS in the years 2003 and 2004, respectively. Of these, 31,000 and 33,000 new HIV infections occurred in 2003 and 2004, respectively. In the same years, it is estimated that there were a total of 14,000 and 16,000 new AIDS cases. The corresponding figures for the annual AIDS deaths were 13,000 and 15,000.

In the respective years, there were 19,000 and 20,000 HIV-positive pregnancies, resulting in 5,100 and 5,500 HIV positive births. In the years 2003 and 2004, it is estimated that 29,000 and 32,000 persons, respectively require ART.

Among children, it is estimated that in 2003 and 2004 there were a total of 13,000 and 14,000 living with HIV, 5,100 and 5,500 new HIV infections, 3,500 and 3,800 new AIDS cases, and 3,400 and 3,700 deaths, respectively.

It was estimated that there were a total of 44,000 and 51,000 maternal AIDS orphans, 41,000 and 48,000 paternal AIDS orphans, and 22,000 and 27,000 dual AIDS orphans in the years 2003 and 2004, respectively. The slowly rising incidence and population growth contribute to the rising trend in the number of new HIV infections, new AIDS cases and annual AIDS deaths.

TABLE 4G.1 Major HIV Indicators, SNNPR

ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)							
Total	2.6	2.8	2.9	3.0	3.1	3.2	3.3
Female	3.0	3.1	3.3	3.4	3.5	3.6	3.7
Male	2.3	2.4	2.5	2.6	2.7	2.8	2.8
Urban areas	9.3	9.2	9.1	9.1	9.1	9.2	9.2
Rural areas	2.0	2.1	2.3	2.4	2.6	2.6	2.7
HIV-pos population							
Total	166,176	183,985	201,765	218,745	235,937	251,305	266,631
Males	73,809	81,740	89,679	97,286	104,989	111,892	118,758
Females	92,367	102,245	112,086	121,459	130,948	139,413	147,873
HIV-pos pregnant women	17,299	18,798	20,334	21,683	23,024	24,077	25,073
Annual HIV-pos births	4,710	5,117	5,534	5,900	6,265	6,550	6,821
New HIV infections							
Total	29,567	31,133	32,728	33,633	35,619	35,609	37,411
Males	13,634	14,393	15,176	15,661	16,604	16,664	17,487
Females	15,933	16,740	17,552	17,972	19,015	18,945	19,924
Adult HIV incidence (%)	0.43	0.44	0.45	0.44	0.44	0.43	0.43
New AIDS cases							
Total	12,693	14,282	15,970	17,708	19,523	21,342	23,122
Males	6,095	6,850	7,656	8,473	9,317	10,155	10,966
Females	6,598	7,432	8,314	9,235	10,206	11,187	12,156
Annual AIDS deaths							
Total	11,437	12,925	14,520	16,196	17,931	19,720	21,527
Males	5,502	6,210	6,968	7,766	8,583	9,414	10,246
Females	5,935	6,715	7,552	8,430	9,348	10,306	11,281
Annual population increase		399,926	410,924	420,721	430,745	439,688	448,378
No. newly needing ART		28,564	31,940	35,416	39,046	42,684	46,244
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	11,837	13,123	14,457	15,793	17,136	18,425	19,669
Males	5,963	6,611	7,284	7,958	8,635	9,285	9,913
Females	5,874	6,512	7,173	7,835	8,501	9,140	9,756
New HIV infections							
Total	4,710	5,117	5,534	5,900	6,265	6,550	6,821
Males	2,389	2,597	2,808	2,994	3,179	3,323	3,461
Females	2,321	2,520	2,726	2,906	3,086	3,227	3,360
New AIDS cases							
Total	3,142	3,473	3,819	4,155	4,493	4,809	5,113
Males	1,589	1,757	1,931	2,101	2,273	2,433	2,587
Females	1,553	1,716	1,888	2,054	2,220	2,376	2,526
Annual AIDS deaths							
Total	3,047	3,373	3,712	4,044	4,378	4,691	4,994
Males	1,539	1,703	1,875	2,043	2,212	2,370	2,524
Females	1,508	1,670	1,837	2,001	2,166	2,321	2,470
No. newly needing ART		6,946	7,638	8,310	8,986	9,618	10,226
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	36,778	43,586	50,951	58,847	67,235	76,097	85,359
Non-AIDS	391,717	397,848	403,156	407,598	411,077	413,566	415,243
Total	428,495	441,433	454,108	466,445	478,314	489,663	500,603
Paternal orphans							
AIDS	35,127	41,059	47,514	54,477	61,882	69,681	77,771
Non-AIDS	556,777	565,097	572,607	579,291	585,061	589,961	593,981
Total	591,905	606,155	620,121	633,769	646,944	659,642	671,753
Dual orphans							
AIDS	17,670	22,441	27,304	32,255	37,142	42,035	46,796
Non-AIDS	103,394	104,220	104,742	104,952	104,831	104,370	103,603
Total	121,066	126,663	132,046	137,207	141,973	146,405	150,400
Total orphans	899,334	920,926	942,183	963,008	983,283	1,002,900	1,021,955
Total AIDS orphans	54,235	62,204	71,161	81,069	91,975	103,743	116,334

FIGURE 4G.1

Estimated and Projected HIV Prevalence By Year
Adult Population 15-49, Urban, Rural, and Total SNNPR

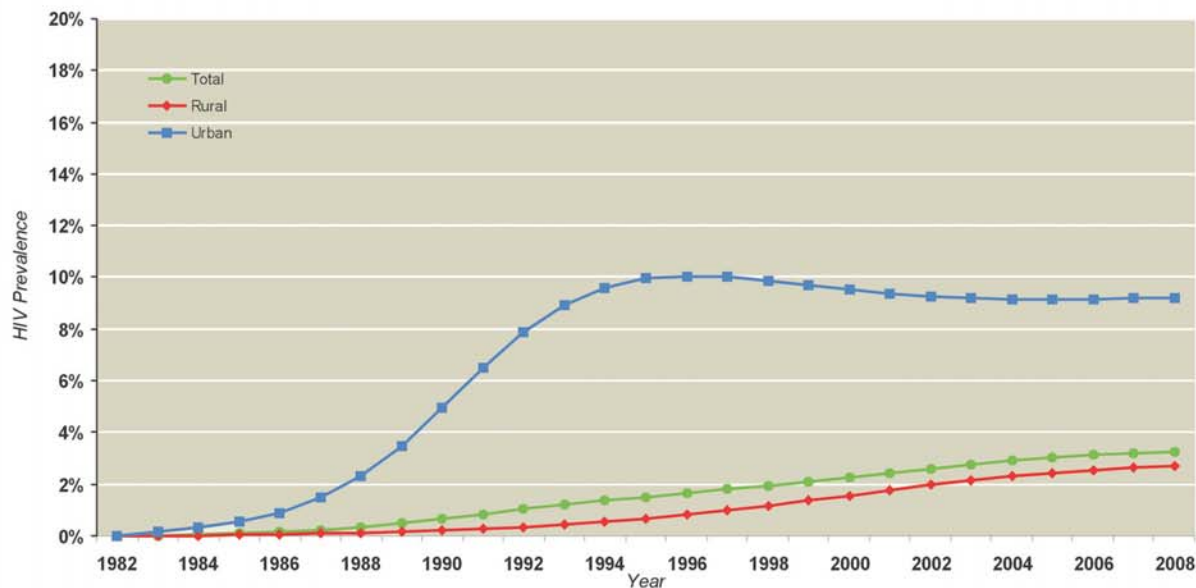
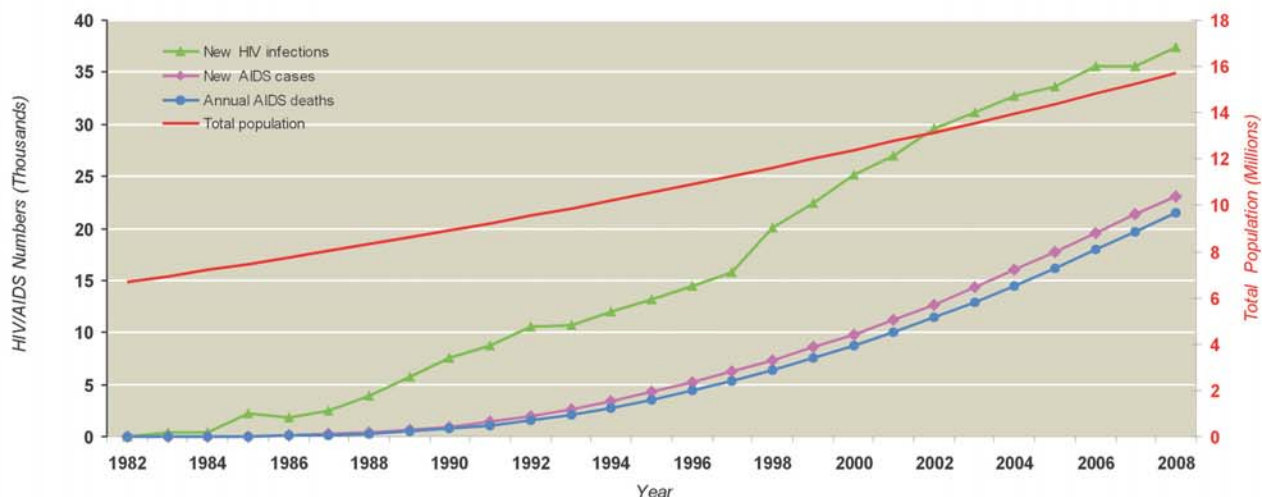


FIGURE 4G.2

Estimated and Projected Number of New HIV Infections,
New AIDS Cases, and Annual AIDS Deaths By Year,
All Ages, SNNPR

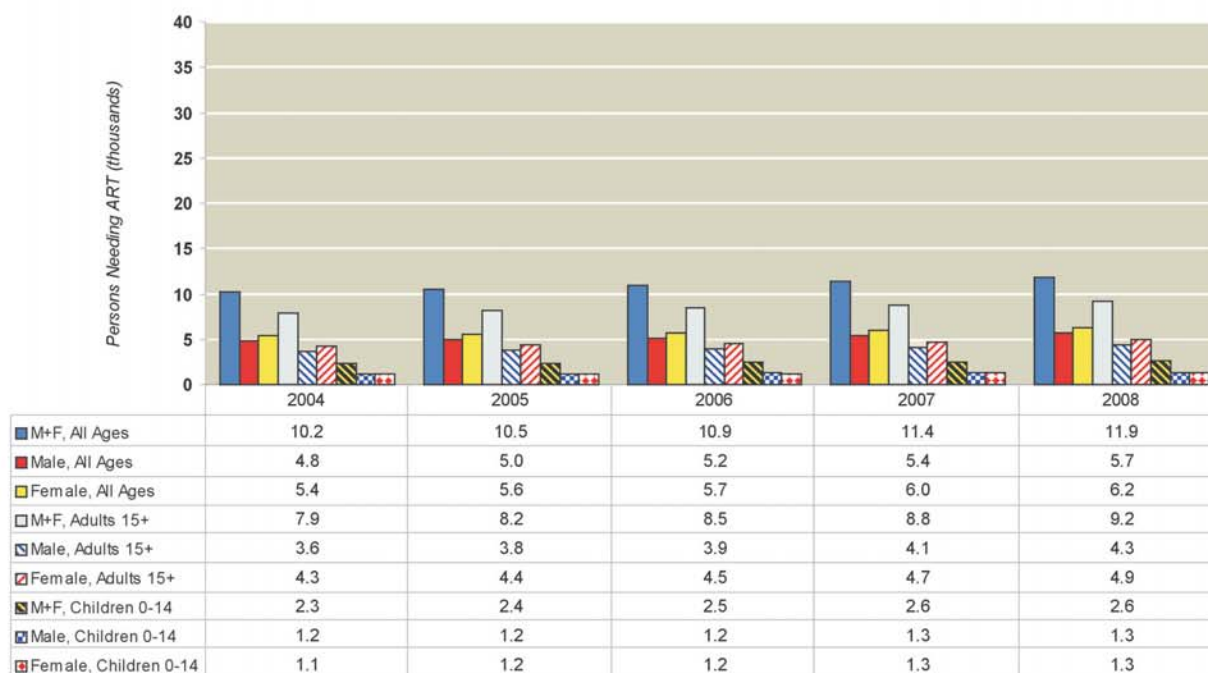


Note: Alike the national curves, the urban epidemic seems to be stabilizing, whereas the rural one is rapidly rising, though, the prevalence as well as incidence rates seem to be lower. The incidence rates are fairly stable, thus population growth is contributing to the rise in the number of new infections, AIDS cases, and AIDS deaths.

TABLE 4G.2 Major HIV Indicators, SNNPR Urban

ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)	9.3	9.2	9.1	9.1	9.1	9.2	9.2
Female	10.4	10.3	10.3	10.3	10.3	10.4	10.4
Male	8.1	8.0	8.0	8.0	8.0	8.0	8.0
HIV-pos population							
Total	48,681	50,862	53,325	56,062	59,049	62,249	65,745
Males	21,771	22,752	23,862	25,096	26,444	27,889	29,462
Females	26,910	28,110	29,463	30,966	32,605	34,360	36,283
HIV-pos pregnant women	4,647	4,771	4,952	5,142	5,357	5,570	5,792
Annual HIV-pos births	1,264	1,298	1,347	1,399	1,458	1,516	1,576
New HIV infections							
Total	6,770	7,178	7,648	8,090	8,504	8,890	9,385
Males	3,140	3,317	3,533	3,745	3,952	4,147	4,383
Females	3,630	3,861	4,115	4,345	4,552	4,743	5,002
Adult HIV incidence (%)	1.32	1.34	1.35	1.36	1.36	1.35	1.36
New AIDS cases							
Total	4,756	4,924	5,088	5,261	5,460	5,687	5,941
Males	2,204	2,290	2,382	2,479	2,588	2,705	2,833
Females	2,552	2,634	2,706	2,782	2,872	2,982	3,108
Annual AIDS deaths							
Total	4,595	4,781	4,951	5,114	5,287	5,485	5,713
Males	2,128	2,216	2,303	2,394	2,492	2,600	2,718
Females	2,467	2,565	2,648	2,720	2,795	2,885	2,995
Annual population increase		47,735	50,112	52,446	54,886	57,248	59,545
No. newly needing ART		9,848	10,176	10,522	10,920	11,374	11,882
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	4,130	4,254	4,384	4,523	4,677	4,845	5,029
Males	2,082	2,145	2,211	2,282	2,360	2,445	2,538
Females	2,048	2,109	2,173	2,241	2,317	2,400	2,491
New HIV infections							
Total	1,264	1,298	1,347	1,399	1,458	1,516	1,576
Males	641	659	684	710	740	769	800
Females	623	639	663	689	718	747	776
New AIDS cases							
Total	1,048	1,092	1,139	1,184	1,230	1,276	1,322
Males	530	553	576	599	623	646	669
Females	518	539	563	585	607	630	653
Annual AIDS deaths							
Total	1,028	1,073	1,119	1,165	1,211	1,256	1,302
Males	520	542	566	589	612	635	659
Females	508	531	553	576	599	621	643
No. newly needing ART		2,184	2,278	2,368	2,460	2,552	2,644
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	19,346	21,730	23,922	25,896	27,657	29,236	30,674
Non-AIDS	21,956	22,501	22,981	23,401	23,756	24,048	24,286
Total	41,302	44,230	46,904	49,297	51,414	53,284	54,961
Paternal orphans							
AIDS	17,148	18,971	20,691	22,304	23,813	25,227	26,549
Non-AIDS	31,123	32,134	33,069	33,926	34,704	35,401	36,018
Total	48,272	51,104	53,760	56,231	58,518	60,628	62,568
Dual orphans							
AIDS	9,368	10,561	11,663	12,650	13,512	14,251	14,871
Non-AIDS	3,891	3,981	4,052	4,103	4,134	4,145	4,135
Total	13,260	14,543	15,715	16,753	17,646	18,396	19,007
Total orphans	76,314	80,792	84,949	88,775	92,285	95,516	98,522
Total AIDS orphans	27,126	30,140	32,950	35,550	37,958	40,212	42,352

FIGURE 4G.3 Projected Annual No. of Patients Newly Needing ART, by Sex and Age Group, 2004-08, Urban SNNPR



Year and Persons Newly Needing ART in Thousands
(Figures rounded and may not add up to total)

FIGURE 4G.4 Estimated and Projected Number of New HIV Infections, New AIDS Cases, and Annual AIDS Deaths By Year, All Ages, Urban SNNPR

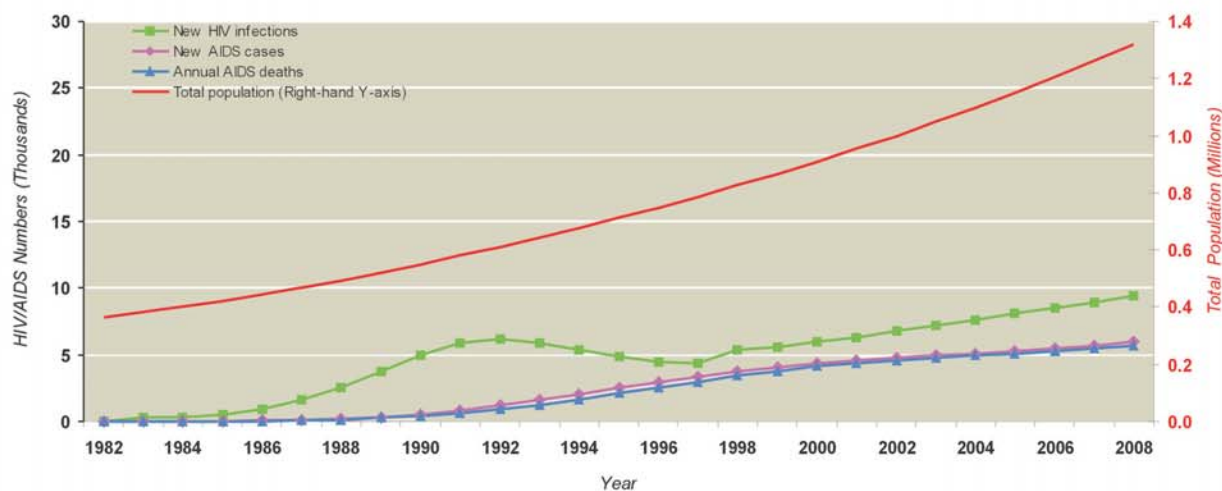


TABLE 4G.3 Major HIV Indicators, SNNPR Rural

ALL AGES							
	2002	2003	2004	2005	2006	2007	2008
Adult prevalence (%)	2.0	2.1	2.3	2.4	2.6	2.6	2.7
Female	2.2	2.4	2.6	2.8	2.9	3.0	3.1
Male	1.7	1.9	2.0	2.1	2.2	2.3	2.3
HIV-pos population							
Total	117,495	133,123	148,440	162,683	176,888	189,056	200,886
Males	52,038	58,988	65,817	72,190	78,545	84,003	89,296
Females	65,457	74,135	82,623	90,493	98,343	105,053	111,590
HIV-pos pregnant women	12,652	14,027	15,382	16,541	17,667	18,507	19,281
Annual HIV-pos births	3,446	3,819	4,187	4,501	4,807	5,034	5,245
New HIV infections							
Total	22,797	23,955	25,080	25,543	27,115	26,719	28,026
Males	10,494	11,076	11,643	11,916	12,652	12,517	13,104
Females	12,303	12,879	13,437	13,627	14,463	14,202	14,922
Adult HIV incidence (%)	0.37	0.37	0.37	0.36	0.37	0.35	0.36
New AIDS cases							
Total	7,937	9,358	10,882	12,447	14,063	15,655	17,181
Males	3,891	4,560	5,274	5,994	6,729	7,450	8,133
Females	4,046	4,798	5,608	6,453	7,334	8,205	9,048
Annual AIDS deaths							
Total	6,842	8,144	9,569	11,082	12,644	14,235	15,814
Males	3,374	3,994	4,665	5,372	6,091	6,814	7,528
Females	3,468	4,150	4,904	5,710	6,553	7,421	8,286
Annual population increase		352,191	360,812	368,275	375,859	382,440	388,833
No. newly needing ART		18,716	21,764	24,894	28,126	31,310	34,362
CHILDREN (0-14 yrs)							
	2002	2003	2004	2005	2006	2007	2008
HIV population							
Total	7,707	8,869	10,073	11,270	12,459	13,580	14,640
Males	3,881	4,466	5,073	5,676	6,275	6,840	7,375
Females	3,826	4,403	5,000	5,594	6,184	6,740	7,265
New HIV infections							
Total	3,446	3,819	4,187	4,501	4,807	5,034	5,245
Males	1,748	1,938	2,124	2,284	2,439	2,554	2,661
Females	1,698	1,881	2,063	2,217	2,368	2,480	2,584
New AIDS cases							
Total	2,094	2,381	2,680	2,971	3,263	3,533	3,791
Males	1,059	1,204	1,355	1,502	1,650	1,787	1,918
Females	1,035	1,177	1,325	1,469	1,613	1,746	1,873
Annual AIDS deaths							
Total	2,019	2,300	2,593	2,879	3,167	3,435	3,692
Males	1,019	1,161	1,309	1,454	1,600	1,735	1,865
Females	1,000	1,139	1,284	1,425	1,567	1,700	1,827
No. newly needing ART		4,762	5,360	5,942	6,526	7,066	7,582
ORPHANS (0-17 yrs)							
	2002	2003	2004	2005	2006	2007	2008
Maternal orphans							
AIDS	17,432	21,856	27,029	32,951	39,578	46,861	54,685
Non-AIDS	369,761	375,347	380,175	384,197	387,321	389,518	390,957
Total	387,193	397,203	407,204	417,148	426,900	436,379	445,642
Paternal orphans							
AIDS	17,979	22,088	26,823	32,173	38,069	44,454	51,222
Non-AIDS	525,654	532,963	539,538	545,365	550,357	554,560	557,963
Total	543,633	555,051	566,361	577,538	588,426	599,014	609,185
Dual orphans							
AIDS	8,302	11,880	15,641	19,605	23,630	27,784	31,925
Non-AIDS	99,503	100,239	100,690	100,849	100,697	100,225	99,468
Total	107,806	112,120	116,331	120,454	124,327	128,009	131,393
Total orphans	823,020	840,134	857,234	874,233	890,998	907,384	923,433
Total AIDS orphans	27,109	32,064	38,211	45,519	54,017	63,531	73,982

FIGURE 4G.5 Projected Annual No. of Patients Newly Needing ART, by Sex and Age Group, 2004-08, Rural SNNPR

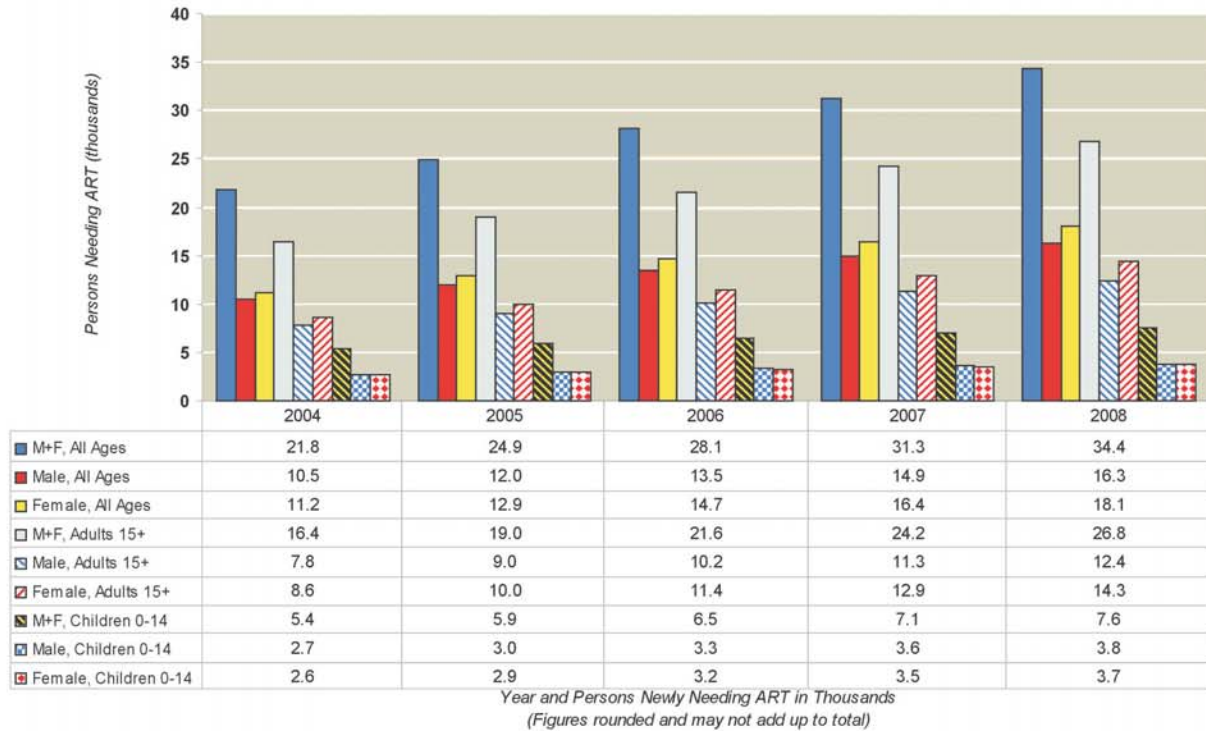


FIGURE 4G.6 Estimated and Projected Number of New HIV Infections, New AIDS Cases, and Annual AIDS Deaths By Year, All Ages, Rural SNNPR

