

Estimated PEPFAR Treatment, Testing, and PMTCT Costs and Benchmarks for FY 2009 Through FY 2013

Adult ARVs and rapid HIV test prices are based on those listed by SCMS (SCMS is a PEPFAR procurement partner).

(<http://scms.pfscm.org/scms/ecatalog>)

ARV Cost is based on the average price of the most commonly used triple combination therapies (based on PEPFAR and WHO purchases) and includes average prices for PEPFAR approved second-line ARVs for the estimated 10% of patients in need of second-line treatment.

(See pages 71 and 72 of the 2007 PEPFAR Report to Congress and page 47 of the 2008 report.)

(For second-line estimate see page 6 of MSF 9th Edition Price Guide, <http://www.accessmed-msf.org/resources/key-publications/> and see, <http://www.africaaction.org/resources/docs/BigPharmaBigProfits0807.pdf>)

Pediatric ARV Prices were obtained from a summary report of the WHO Global Price Reporting Mechanism based on ARV purchases from January through October of 2007 (<http://www.who.int/hiv/amds/GPRMsummaryReportOct07.pdf>).

"PMTCT Cost" is based on the average cost for PMTCT based on WHO/UNICEF prices for ARV PMTCT prophylaxis (estimated at \$168).

(http://www.wpro.who.int/sites/hsi/psm_ipr.htm)

The pediatric treatment goal is equal to the estimated number of children in need of ARV treatment (780,000).

(Towards Universal Access: Scaling up priority HIV/AIDS interventions in the health sector, WHO/UNAIDS, April 2007, page 6,

http://www.who.int/hiv/mediacentre/universal_access_progress_report_en.pdf)

The 2.1 million goal for PMTCT is the estimated number of pregnant women living with HIV/AIDS in developing countries.

(See: Towards Universal Access, page 31.)

	End of FY 2009	End of FY 2010	End of FY 2011	End of FY 2012	End of FY 2013	Total Over 5 Years
ARV Cost	\$994,331,544	\$1,331,700,158	\$1,669,068,772	\$2,006,437,386	\$2,343,806,000	\$8,345,343,860
Total Number Treated	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	
Adult 1st-Line	2,475,280	3,236,460	3,997,640	4,758,820	5,520,000	
Adult 2nd-Line	300,000	400,000	500,000	600,000	700,000	
Pediatric 1st-Line	202,248	327,186	452,124	577,062	702,000	
Pediatric 2nd-Line	22,472	36,354	50,236	64,118	78,000	

	End of FY 2009	End of FY 2010	End of FY 2011	End of FY 2012	End of FY 2013	Total Over 5 Years
HIV Rapid Tests Cost	\$326,000,000	\$326,000,000	\$326,000,000	\$326,000,000	\$326,000,000	\$1,630,000,000
Number of Tests	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000	1,000,000,000

	End of FY 2009	End of FY 2010	End of FY 2011	End of FY 2012	End of FY 2013	Total Over 5 Years
PMTCT Cost	\$100,293,520	\$162,895,140	\$225,496,760	\$288,098,380	\$350,700,000	\$1,127,483,800
Number of PMTCT Treatments	600,560	975,420	1,350,280	1,725,140	2,100,000	

	Total for FY 2009	Total for FY 2010	Total for FY 2011	Total for FY 2012	Total for FY 2013	Total Over 5 Years
Total Cost	\$1,420,625,064	\$1,820,595,298	\$2,220,565,532	\$2,620,535,766	\$3,020,506,000	\$11,102,827,660

Summary of Appendix I (see page 2)

Avg. Adult 1st-Line	\$197
Avg. Adult 2nd-Line	\$1,472
Avg. Rapid Test	\$1.63

Avg. Pediatric 1st-Line	\$154
Avg. Pediatric 2nd-Line	\$1,511
PMTCT	\$168

Appendix I: Prices and Averages of Individual ARVs and HIV Rapid Tests

All ARV Prices Listed as Per Patient Per Year (with the exception of the single treatment cost for PMTCT)

Adult 1st-Line

3TC+D4T+NVP	\$88.80
3TC+AZT+NVP	\$162.00
3TC+AZT+EFV	\$347.40
3TC+D4T+EFV	\$190.00
Average	\$197

Adult 2nd-Line

LPV/r+ABC+ddi	\$1,107.60
IDV/r+ABC+ddi	\$1,252.00
SQV/r+ABC+ddi	\$2,055.00
Average	\$1,472

Pediatric 1st Line

	5kg Child Price
3TC+D4T+NVP	\$141
3TC+AZT+NVP	\$171
3TC+D4T+EFV	\$175
3TC+AZT+EFV	\$205
	10kg Child Price
3TC+D4T+NVP*	\$66*
3TC+AZT+NVP	\$103
3TC+D4T+EFV	\$135
3TC+AZT+EFV	\$150
Average (5kg+10kg)	\$154

Pediatric 2nd-Line

	5kg Child Price
ABC+ddl+LPV/r	\$1,256
ABC+ddi+NFV	\$2,483
	10kg Child Price
ABC+ddl+LPV/r	\$987
ABC+ddi+NFV	\$1,316
Average (5kg+10kg)	\$1,511

PMTCT

Zidovudine	\$108.81
Lamivudine	\$24.16
Nevirapine	\$33.49
Zidovudine Syrup	\$1.16
Nevirapine Syrup	\$0.02
Cost	\$168

*Price for Fixed Dose Combination (Triomune).

Rapid HIV Test

(Price Per Test)

Uni-Gold HIV	\$1.60
Stat-Pak HIV 1/2	\$1.45
Precise HIV	\$0.96
Bioline HIV 1/2	\$1.88
Bio-Lytical INSTI**	\$2.25**
Average	\$1.63

**Rapid test used in AIDS Healthcare Foundation (AHF) HIV testing field usage in Uganda. Price includes shipping.