

Quarterly Report FACES-supported Sites Covering: Apr - Jun 2008



Family AIDS Care and Education Services (FACES) is a family-focused, comprehensive HIV prevention, care, and treatment program with 53 supported sites: 51 in Nyanza Province and two in Nairobi. FACES initially launched in September 2004 with one site in Nairobi and one site in Kisumu in March 2005. FACES partners with District Ministries of Health (DMOH), City Councils, non-governmental organizations (NGOs), faith-based organizations, and private health facilities for the provision of care and services. FACES continuously strives to increase local capacity through targeted trainings, mentorship, and Continuing Medical Education (CME) activities. A quarterly update of FACES-supported service activities is provided below.

I. HIV CARE & TREATMENT

Table 1: FACES-supported sites

District	Mar '05	Dec '05	Dec '06	Dec '07	Mar '08	Jun '08
Kisumu East	1	2	3	4	8	9
Suba	0	4	13	16	16	16
Migori	0	0	0	12	14	19
Rongo	0	0	0	6	6	7
Nairobi	1	1	1	2	2	2
Total	2	7	17	40	46	53

Graph 1: Site Growth

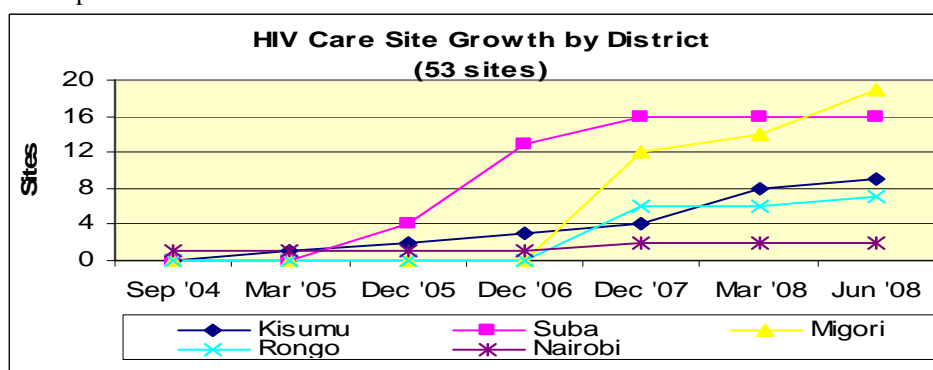
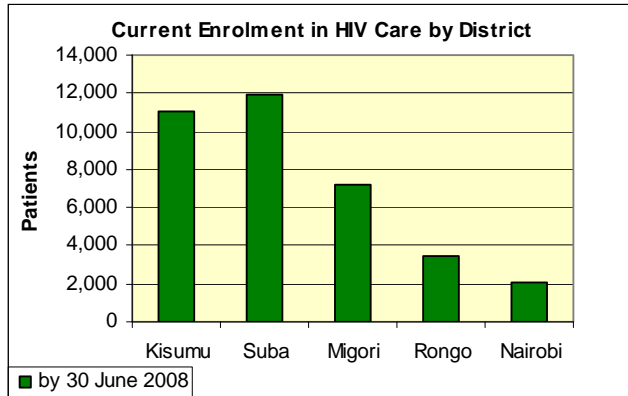


Table 2: Patients currently enrolled in care and those on ART by 30 Jun 2008

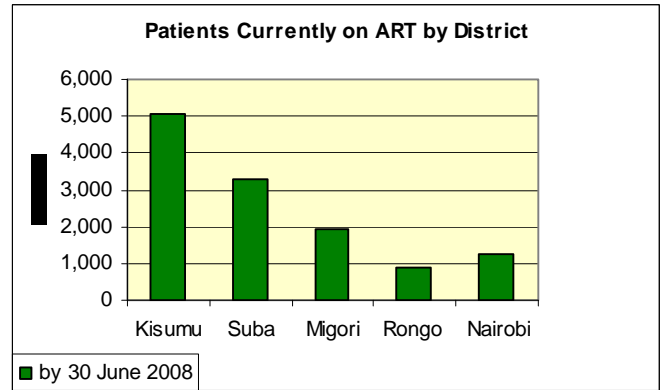
District & Number of PSC sites	HIV Care	Pediatrics in Care	On ART	Pediatrics on ART
Kisumu East (9 sites; 8 provide ART)	11,074	1,260	5,041	392
Suba (16 sites; 13 provide ART)	11,908	1,738	3,266	271
Migori (19 sites; 8 provide ART)	7,149	880	1,916	94
Rongo (7 sites; 2 provides ART)	3,496	447	890	36
Nairobi (2 sites; both provide ART)	2,036	153	1,241	96
Total (53 sites; 33 provide ART)	35,663	4,478	12,354	889

Graphs 2 & 3: Current HIV Care Enrolment

Graph 2: HIV Care Enrolment

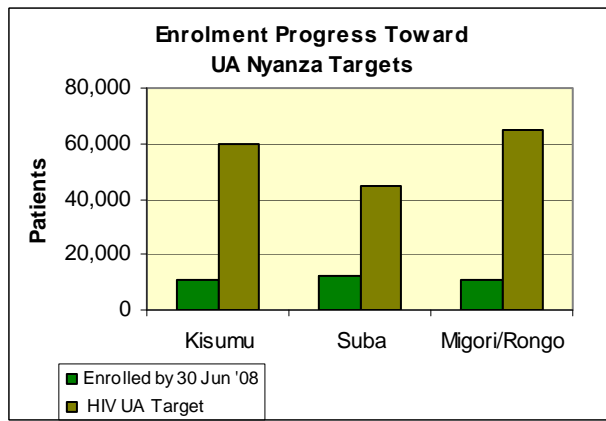


Graph 3: Patients on ART

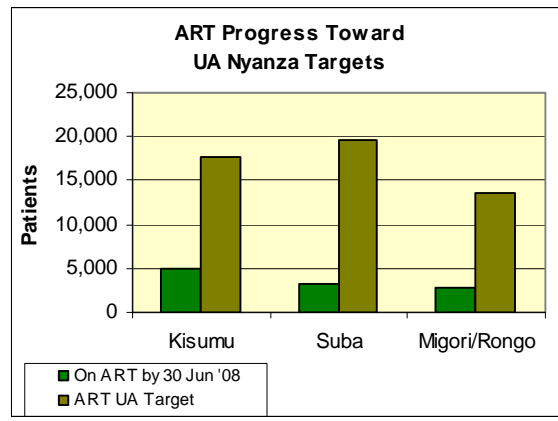


Graphs 4 & 5: Progress toward Universal Access (UA) Targets in Nyanza Province

Graph 4: Enrolment Progress toward UA

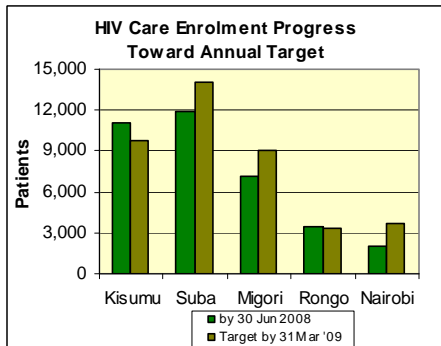


Graph 5: ART Progress toward UA

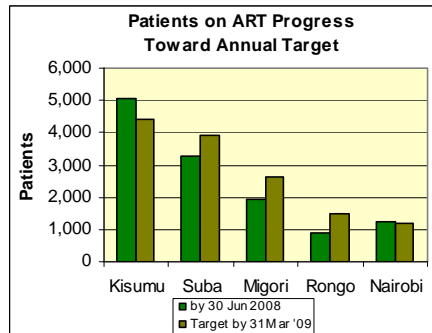


Graphs 6, 7, & 8: Overall Progress toward Program Annual Targets

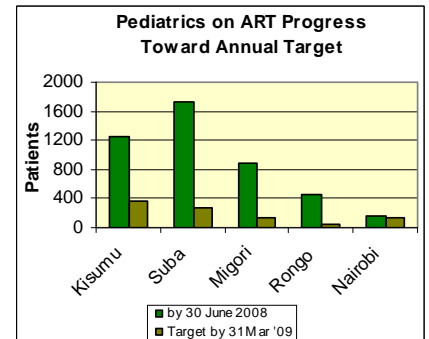
Graph 6: Enrolment Progress



Graph 7: ART Progress

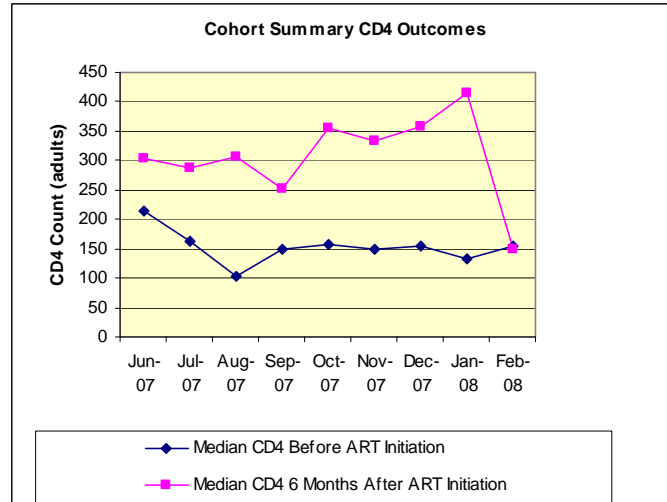


Graph 8: Pediatrics ART progress



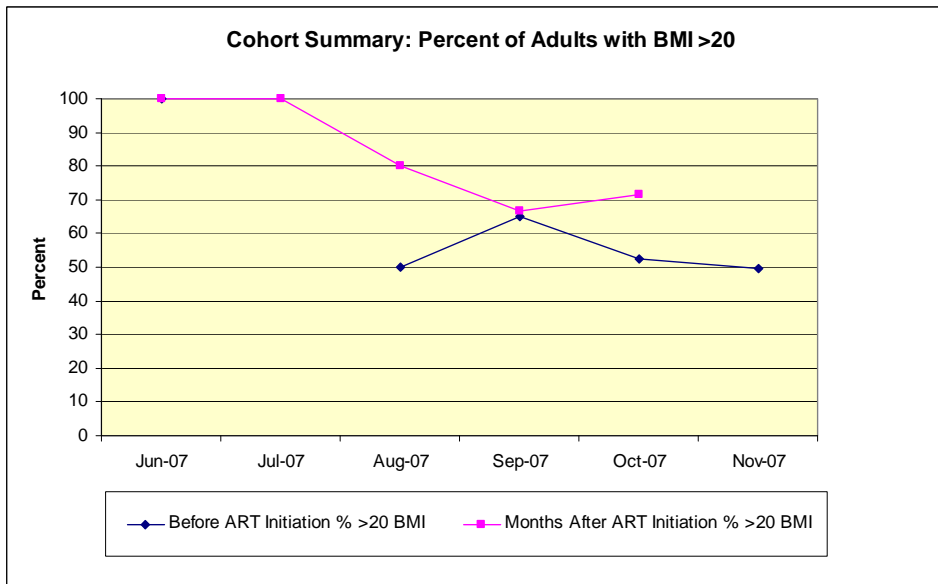
Preliminary Health Outcome Data

Graph 9: Cohort Summary Outcomes: CD4



- Results based on CD4 test data drawn from Lumumba Health Centre lab data and OpenMRS records
- A CD4 test was counted as before initiation if dated within 6 weeks prior to ART initiation
- All cohorts show an increase in CD4 count at 6 months except February 2008 cohort, which had minimal CD4 count data (n=6)
- Median CD4+ T-cell count rose 170.5 cells across all patients studied

Graph 10: Cohort Summary Outcomes: Adult BMI



- Values are the percentage of the cohort total whose BMI is >20 kg/m²
- Sample size is small; 6 month outcomes after Oct '07 not available for this analysis
- There is a trend in the percentage of patients with a BMI of > 20 in Aug, Sep, Oct

Accomplishments Apr - Jun '08

- FACES-supported HIV care sites grew from 46 to 53 over the past quarter, with growth predominately in Migori District. Thirty-three sites now provide ART program-wide (Table 1).
- Enrolment grew to 35,663 in HIV care with 12,354 on ART (current figures) by the 30 Jun 2008 (Table 2) (last quarter: 33,411 in HIV care and 11,160 were on ART).
- Pediatrics represent 13% of patient in care and 7% of patients on ART; 35% of patients overall are on ART.

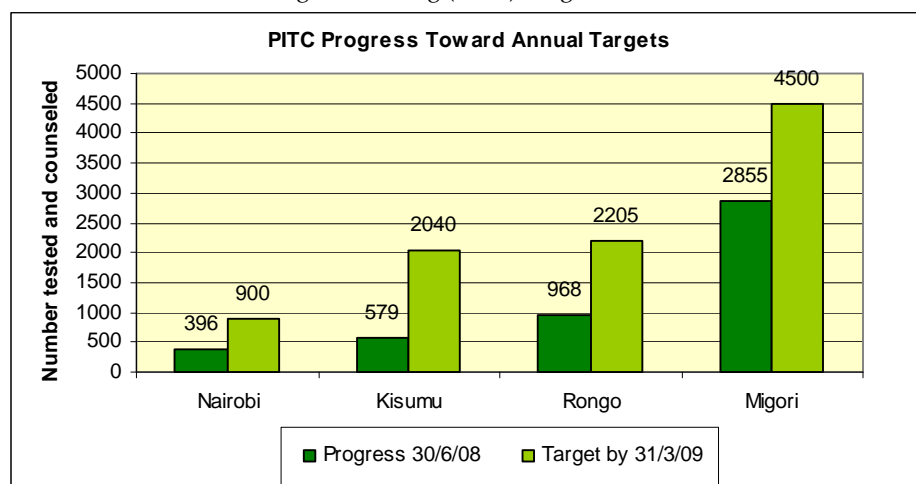
- Progress toward Universal Access (UA) goals in Nyanza Province are illustrated in graphs 4 and 5; substantial enrolment and ART initiation is needed to achieve UA targets.
- Progress toward FACES annual program goals are illustrated in graphs 6, 7, & 8. Significant progress has been made toward annual goals, however more emphasis on pediatrics is needed.
- Preliminary cohort health outcome data from Lumumba Health Centre in Kisumu indicates that
 - 1. Overall, median CD4+ T-cell count rose 170.5 cells across all patients studied from ART initiation to six months after starting ART
 - 2. A trend in adult BMI increases over time for patients who have initiated ART.
- Among patients in care, about 872 are receiving TB treatment (248 in Rongo, 440 in Migori, 172 in Kisumu, and 12 in Nairobi).

Challenges

- Limited manpower and delayed funding have presented scale-up activity challenges this past quarter. A slow procurement process compounded by erratic supply of commodities also contributed slow progress of program activities. FACES will continue to work collaboratively with partners to increase access to care and to strengthen infrastructure.

II. HIV COUNSELING & TESTING

Graph 11: Provider Initiated Counseling and Testing (PITC) Progress



Tables 3 & 4: Provider Initiated Counseling and Testing (PITC) and Outcomes

Table 3: Adult Counseling & Testing

Adults	Tested	HIV+	% Positive
Nairobi	347	102	29%
Kisumu	320	116	36%
Rongo	856	302	35%
Migori	2557	1063	42%

Table 4: Pediatric Counseling & Testing

Children	Tested	HIV+	% Positive
Nairobi	49	13	27%
Kisumu	259	55	21%
Rongo	112	31	28%
Migori	298	77	26%

Accomplishments Apr – Jun '08

- Counseling and testing services reached a total of 4,798 individuals (4080 adults and 718 pediatrics), making solid progress toward the program-wide target of 9,645 by 31 Mar. '09.
- Among adults counseled and tested for HIV, 39% overall were HIV positive, yet at the district level there was variation with Nairobi at the lowest rate, 29%, and Migori at the highest, 42% (Table 3).
- Among pediatrics counseled and tested for HIV, 25% overall were HIV positive with Kisumu at the lowest, 21%, and Rongo at the highest, 28% (Table 4).
- Among all patients counseled and tested for HIV, the proportion that were children was 15%, however at district level Kisumu was 45%, Migori 10%, Rongo 12%, and Nairobi was 12% (Tables 3 & 4).

Challenges

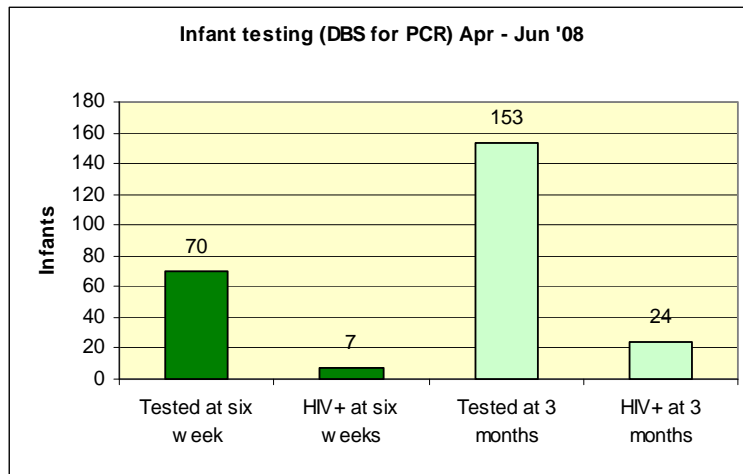
- Reinforcing the need to encourage patients at all visits to bring in partners and children for HIV testing.
- Refining strategies and systems to see that HIV testing progress is being made for HIV vulnerable family members.
- Ensuring all sites performing PITC are collecting and reporting PITC data.

III. PREVENTION OF PARENT TO CHILD TRANSMISSION

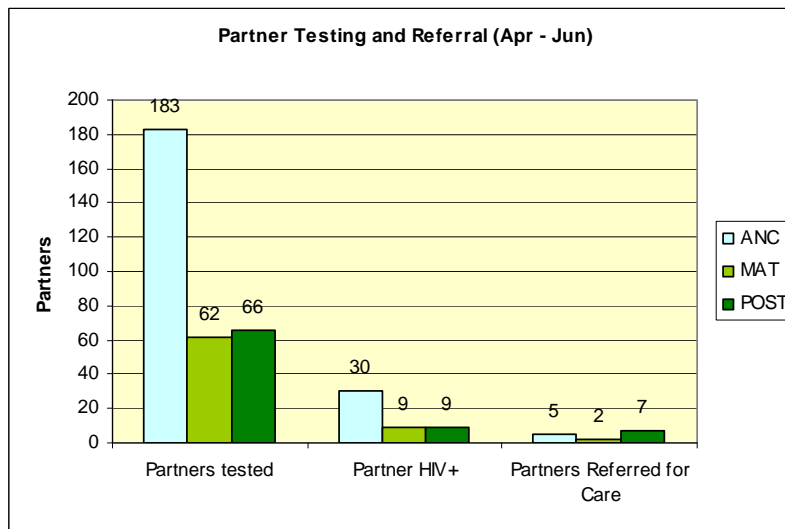
Table 5: PPCT Data: Migori & Rongo Districts

Apr - Jun 2008				
Parent-to-Child Transmission Indicators (46 sites)	Antenatal	Maternity	Postnatal	Total
Total first visits	4799	1186	1778	7763
Total revisits	5075		7	5082
Number of women who received HIV test results	4975	368	853	6196
Number of HIV positive women	1002	87	137	1226
Number of women issued ARV prophylaxis (sum)	929	65	5	999
Number of women issued NVP	776	56	3	835
Number issued AZT/NPV	125	8	0	133
Number issued HAART	28	1	2	31
Number of women referred for HIV care	961	78	121	1160
Number of women counseled on feeding options	1005	85	140	1230
Number of women who received CTX	962	89	128	1179
Number of women who received multivitamins	915	76	122	1113
Number of infant issued ARV prophylaxis (sum)				
	795	92	8	895
Number of infant issued NVP	461	6	2	469
Number of infant issued AZT/NVP	334	14	0	348
Number of infant admin NVP		8	1	9
Number of infant admin AZT/NVP		64	5	69
Number of infants referred for HIV care		3	123	126
Number of deliveries (births)				
		1212		1212
Total tested at 6 weeks (PCR)				
			70	70
Total HIV+ at 6 weeks				
			7	7
total tested at 3 months				
			153	153
Total HIV+ at 3 months				
			24	24
Total Number of partners tested				
	183	30	5	218
Total Number of partners HIV+				
	62	9	2	73
Total Number of partners referred for HIV care				
	66	9	7	82

Graph 12: Infant HIV testing in PPCT (DBS for PCR)



Graph 13: Partner testing in PPCT



Accomplishments Apr – Jun '08

- FACES began supporting Prevention of Parent to Child Transmission (PPCT) sites in Migori and Rongo Districts in April '07 with 11 sites. The number of sites has climbed to 53.
- Over 6,100 women were HIV counseled, tested, and received their results through MCH services; among which 20% were HIV positive.
- ARV prophylaxis was provided to 999 women in MCH.
- Two hundred and twenty-three infants were HIV tested via DBS for PCR; 31 of which were confirmed HIV positive.
- There was clear rise in partner testing from last quarter; 311 were tested this quarter compared to 91 last quarter.

Challenges

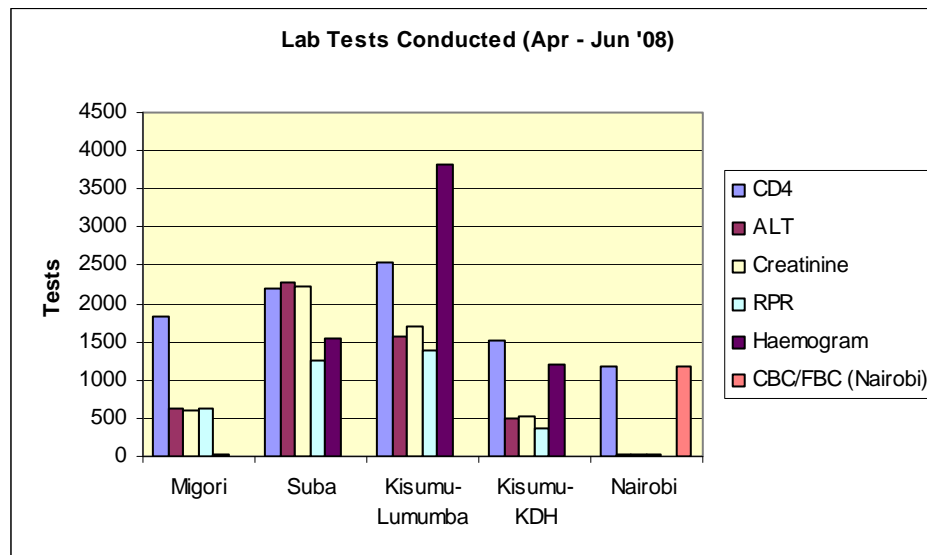
- Inability to reach all sites for optimal support, mentorship, and supervision.
- Lack of laboratory capacity to do haemoglobin for majority of the sites.

IV. LABORATORY

Table 6: Lab tests

Lab Tests Conducted (Apr – Jun 08)	Migori	Suba	Kisumu-Lumumba	Kisumu-KDH	Nairobi	Total
CD4	1838	2206	2543	1514	1189	9290
ALT	615	2283	1571	504	24	4997
Creatinine	612	2233	1710	518	21	5094
RPR	640	1250	1386	367	23	3666
Haemogram	20	1540	3817	1193		6570
CBC/FBC (Nairobi)					1190	1190

Graph 11: Lab Tests Conducted



Accomplishments Apr – Jun '08:

- 437 PCR for infants (sent out) and 286 TB sputum were conducted
- There was a substantial increase in all HIV disease monitor testing compared to last quarter.
 - This quarter: 9,290 CD4; 4,997 ALT; 5094 Creatinine; 3,666 RPR; 437 PCR; 286 TB sputum
 - Last quarter: 6,441 CD4; 2,539 ALT; 3,167 Creatinine; 1,624 RPR; 274 PCR; 143 TB sputum

Challenges

- Lack of re-agents and equipment hindered lab capacity.