REPUBLIC OF KENYA



MINISTRY OF HEALTH

NASCOP

HIV EXPOSED INFANT REGISTER (MOH 408)

Facility Name:	
MFL Code:	
County:	
Sub-County:	
Start date:	**End date:**

Revised August 2020

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INTRODUCTION

The information collected on this register can be grouped thus: Demographic and enrolment details; ARV prophylactic history; infant feeding practices, HIV testing and Client outcomes. The successful application of this register requires that the individual cards for the client are also well maintained.

PURPOSE: This register is a line listing of children born in the same month and year, documenting services provided at each age of the child. This enables a health worker to quickly identify gaps in service provision which is not easy if individual client files were to be reviewed. The information contained in this register provides a building block for summarising data needed to compute routine indicators.

Note: Each page or a set of pages is a group of HIV exposed infants who were born in the same month and year. Use the format MMM-YYYY to denote the month and year the infants on this page(s) were born. For example, a page with children born in January 2015, the cohort will be entered in the top left corner as "JAN-2015.

WHEN COMPLETED: Depending on the conditions prevailing on the ground, one or both of the two options may apply: updating the register simultaneously with HEI follow-up Card or updating the register consecutively from the cards at the end of the sessions. Transferred children should be entered on receipt and allocated to the month in which they were born and update older events retrospectively.

Note 1: Because of retrospective data updating, totals at the bottom of the page should only be completed once that cohort has matured to 24 months.

Note 2: The point in note 1 therefore implies that every month, you need to report on a cohort that will have matured to 24 months at the end of the reporting month. For example, to compile a report for March 2016, turn to the page labelled (leftmost corner) MAR-2014, because all the children in that cohort will have completed 24 months by the end of March 2016. Do the page summaries up to 24 months and transfer to the aggregation form.

WHO COMPLETES: A trained records officer can update the register from the card. A nurse/clinician can update this register simultaneously with the HEI card.

COLUMN LABEL	COLUMN ID	COMPLETING INSTRUCTIONS
Serial No.	(a)	This is a sequential counter from 1 to n where n is the last client in that birth/month. This number should be reset to 1 for each group (birth/cohort). It assists in quickly counting the number of children enrolled on the programme from each month/year of birth.
Date of Enrolment	(b)	This is the same date on the HEI card and should be in the format dd/mm/yyyy. Enrolment onto the HEI follow-up programme constitutes provision of the following services: A) Identification of having been born to a confirmed HIV positive mother B) Opening the HEI follow-up card.
HEI ID	(c)	Copy number from the HEI Card.
Infant's Name	(d)	Copy name from the HEI Card
Date of Birth/Age	(e)	Copy date of birth from the HEI Card and enter it in the upper cell in the format dd/mm/yyyy, record the age at enrolment in the lower cell.
Sex	(f)	Copy entry from the HEI Card
Entry Point	(g)	Use the information on the HEI Card under the label "source of referral" and use the corresponding code for the source as given below. For example, if **OPD** is checked on the c ard, write "2" in the register. 1=IPD 2=OPD 3=Maternity 4=CCC 5=MCH/PMTCT 6. Others (Specify) If the child was transferred to this facility whilst on the programme, record "**Transfer-in**" in the register
Relation [of Care Giver] to Infant	(h)	Verify the biological relationship of the infant to the care giver using the Baby-Mother Booklet or facility-held documents such as the ANC and Maternity Registers. Depending on the relationship, enter the following codes: **M** for "mother" meaning this is the infant's biological mother **G** for guardian to mea n this is any care -giver, other than the biological mother. Note: Before recording " **G**", establish the status of the biological mother. If the mother is dead, go to column (bc) and enter "INVALID"

COLUMN LABEL		COLUMN ID	COMPLETING INSTRUCTIONS
Mother's/Guardian's Name; Telephone		(i)	The information here may be the same as the one on the card – mother's name. If the mother is no longer active in presiding over the follow-up of the child, record the name of the guardian instead. The most recent **telephone number** on the client locator section of the card should be copied to this register.
Facility Enrolled & CCC number		(j)	Write the name of the facility the child's mother is receiving care from in the upper cell. Record the CCC number of the baby's mother in the lower cell. This number can be copied from the mother's CCC card. **Note:** If the details entered in (h) and (i) are that of a guardian, enter N/A for "Not Applicable" in both cells.
PMTCT ARVs - Mother		(k)	Enter the following codes for the ARVS that the mother received for PMTCT: **1**=HAART: The mother was on HAART either before starting ANC or was started during ANC **2**=None: The mother did not take any prophylaxis **3**=Unknown: Mother's ARV status could not be established **4**=Other: Specify type of prophylaxis the mother received
PMTCT Prophylaxis-Infant		(l)	Enter the following codes to record prophylaxis that the infant received for PMTCT: **1**= NVP **2**=AZT **3**=NVP & AZT **4**=None **5**=Other(specify)
1st DNA PCR Test	Age at test (in weeks)	(m)	The age is given in weeks. It is calculated by taking the difference between date of birth a nd the date the blood is drawn and the difference expressed in weeks.
	Test Type	(n)	Initial: This is first DNA sample drawn for testing . This column is pre-filled.
	Sample/Test/Results dates	(o) (p)	Date Sample Taken: This is the date the blood sample was drawn from the infant and not the actual date the test was done at the laboratory. This applies to both the initial and repeat tests . This information is taken from the HEI card Date First DNA PCR Test results received: This is the date PCR results are received at the facility. This should not be confused with the date results were recorded in HEI card or other documents at the facility. This information is taken from the Laboratory Results records. **Note:** In the event of a **repeat test**, put an **X** in the corresponding cell for **"Initial test"**
	Test Result	(q)	Enter (**P**) for positive or(**N**) for negative. **Note:** If the test result is positive, confirmatory PCR should be done and recorded in columns (ar-aw)
Feeding Method	0 to 6 months	(r), (t), (v), (x)	The codes below are the possible responses for these columns: **EBF** for Exclusive Breastfeeding **ERF** for Exclusive Replacement Feeding **MF** for Mixed Feeding
	7 to 18 months	(ae) (ag), (an), (ap), (ax)	After 6 months of birth, the programme is interested in knowing whether the child is breastfeeding or not. The codes are: **BF** for currently breastfeeding **NBF** if the child has been weaned.
NVP/CTX		(s), (u), (w), (y) (af), (ah), (ao), (aq), (ay)	Nevirapine This information should be copied from the HEI card. In the upper cell of these columns, on each of the designated visit, write "Y" for "Yes" if NVP is issued on this visit. If the NVP has not be en issued enter "N" for "No" **do not leave blank**. Cotrimoxazole This information should be copied from the HEI card. In the lower cell of these columns, on ea ch visit, write "Y" for "Yes" if CTX is issued. If CTX has not be dispensed enter "N" for "No" **do not leave blank** .

COLUMN LABEL		COLUMN ID	COMPLETING INSTRUCTIONS .
Second DNA PCR test (Month 6)	Age at test (in months)	(z)	The age is given in months . It is calculated by taking the difference between date of birth and the date the blood sample is drawn and the difference expressed in months.
	Test Type	(aa)	Initial: This is first DNA sample drawn for testing Repeat PCR for Rejections: This is done in the event that initial test is unsatisfactory and rejected
	Sample/Test/ Results dates	(ab, (ac)	Date Sample Taken: This is the date the blood sample was drawn from the infant and not the actual date the test was done at the laboratory. This applies to both the initial and repeat tests . This information is taken from the HEI card Date Results Return from Laboratory: This is the date PCR results are received at the facility. This should not be confused with the date results were recorded in HEI card or other documents at the facility. This information is taken from the Laboratory Results records **Note:** In the event of a **repeat test**, put an **X** in the corresponding cell for "**Initial test"**
	Test Result	ad	Enter (**P**) for positive or(**N**) for negative. **Note:** If the test result is positive, confirmatory PCR should be done and recorded in columns (ar-aw)
Third DNA PCR test (12 Months)	Age at test (in months)	(ai)	The age is given in months . It is calculated by taking the difference between date of birth and the date the blood is drawn and the difference expressed in months.
	Test Type	(aj)	Initial: This is first DNA sample drawn for testing Repeat PCR for Rejections: This is done in the event that initial test is unsatisfactory and rejected
	Sample/Test/ Results dates	(ak), (al),	Date Sample Taken: This is the date the blood sample was drawn from the infant and not the actual date the test was done at the laboratory. This applies to both the initial and repeat tests . This information is taken from the HEI card Date Results Return from Laboratory: This is the date PCR results are received at the facility. This should not be confused with the date results were recorded in HEI card or other documents at the facility. This information is taken from the Laboratory Results records **Note:** In the event of a **repeat test**, put an **X** in the corresponding cell for "**Initial test"**
	Test Result	(am)	Enter (**P**) for positive or(**N**) for negative **Note:** If the test result is positive, confirmatory PCR should be done and recorded in columns (aq-av)
Confirmatory PCR Test *(At any age following a Positive PCR test)*		(ar) (as) (at), (au), (av), (aw)	These columns are populated for clients who test positive in any previous PCR test (i.e. test results for 1st, 2nd or 3rd DNA PCR test = positive). Use instructions provided under the 1st, 2nd and 3rd DNA PCR tests to complete these columns). **Note 1:** This block of columns should remain blank if the 1st, 2nd and 3rd PCR tests are Negative **Note 2:** The age of the child at test is recorded in months and not weeks **Note 3:** If the test resu lt is positive, update columns "b b" and "b c" and close this record by drawing a line across the remaining columns.
Antibody Test (18-24 months)	Date of test/age	(az)	This test should be conducted from the age of 18 months for all babies who tested HIV negative during the postnatal period. Enter the date of sample collection for HIV testing in the upper cell and the age in months in the lower cell
	Test Result	(ba)	Enter (**P**) for positive or(**N**) for negative. Indeterminate results should not be recorded but wait until repeat test has been done and conclusive results obtained.

COLUMN LABEL		COLUMN ID	COMPLETING INSTRUCTIONS .
Summary	HIV Status at 24 months	(bb)	Mother-baby pairs are expected to remain on the programme until the baby turns 24 months of age. However, a child may convert from being "Exposed" to "Confirmed Positive" any time before turning age 24 months, this column should be completed and the baby exited from the HEI programme and be linked to HIV care. The rest of the HEIs will be followed up to 24 months, in both instances the column should be completed appropriately using the codes below. **IBF** = Infected_Breastfed **IBFn** = Infected_not Breastfed **IBFu** = Infected_BF_Unknown **UBF** = Uninfected_Breastfed **UBFn** = Unifected_not Breastfed **UBFu** = Uninfected_BF_Unknown **TnD** = Status unknown because test was not done due lost-to- follow up **DIED** = Child died before confirming the HIV status **TO** = Child was transferred out to another facility before confirming the HIV status
			confirming the HIV status
	Status of Pair at 24 months	(bc)	Although baby-mother pairs are expected to remain on the programme until the baby turns 24 months of age, they can be officially exited from the programme before then. Once a cohort matures to 24 months, update column (bb) with one of the following possible outcomes **Active** = This includes pairs that were discharged from the programme due to "positive" or "negative results" or those who at the end of 24 months, both mother and baby were alive and active on the programme. **LTFU** = This means that before an official exit, the baby stopped being brought to the facility **DEAD_B** = Baby died before official exit **DEAD_M** = Mother died before officially exi ting the baby from the programme **TO** = If transferred out to another facility before a confirmatory test was done. **INVALID** = If the pair could not be formed because the biological mother was not alive at the time of enrolment to the HEI programme.
	Age at Disbanding pair	(bd)	If the status in (bc) is not "Active" please enter the age of the baby at which the pair was disbanded.
CCC Number		(be)	Enter the CCC number assigned to the infant upon being confirmed HIV positive and enrolled in CCC. This column is only completed if the HIV test results in columns (aw) or (ba) = "P"
Comments		(bf)	Enter any comments that relate to this infant.

HIV Exposed Infant Register

[MoH408]

Cohort: Month/Year (MM/M-YYYY).....

Infant and Mother/Guardian Information																								
Registration Information			Infant's information					Mother's information				First DNA PCR Test at 6 weeks or First Contact					6 - 8 weeks		10 weeks		14 weeks	
Serial No.	Date of enrollment	HEI ID	Infant's Name	DOB / Age	Sex	Entry Point (code)	Relation to Infant	Mother's/Guardian's Name	Facility Enrolled	PMTCT ARVS - Mother	PMTCT Prophylaxis- Infant	Age at Test	Test Type / Initial	Date sample taken	Date First DNA PCR Test results received	Test result (P,N)	Feeding Option	Given NVP	Feeding Option	Given NVP	Feeding Option	Given NVP
					(M/F)	(1, 2, ..., 6)	(M, G)	Telephone number	CCC Number	(Codes)	(Codes)	(in weeks)	Repeat for Rejections				(Codes)	Given CTX	(Codes)	Given CTX	(Codes)	Given CTX
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)
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Entry Point Col (g)
1=IPD
2=OPD
3=Maternity
4=CCC
5=MCH/PMTCT
6=Other

Test <8weeks
Test > 8wks<= 12 mths

PMTCT ARVS_Mother col (k)
1=HAART
2=None
3=Unknown
4=Other (specify)

PMTCT Prophylaxis_Infant col (l)
1=NVP
2=AZT
3= NVP & AZT
4=None
5=Other (specify)

CTX < 2 mths

Feeding Options 0-6months col (r, t, v,x)
EBF=Exclusive Breast Feeding
ERF=Exclusive Replacement Feeding
MF=Mixed Feeding

HIV Exposed Infant Register

[MoH408]

Month 6							Month 9		Month 12							Month 15		Any age following Inititial Positive PCR									Month 18 or 24 months							Linkage to CCC	Comments
			Second DNA PCR Test								Third DNA PCR Test									Confirmatory PCR										Antibody test		Summary					
Feeding Option	Given NVP	Age at Test (in months)	Initial / Repeat for Rejections	Date sample taken	Date results from PCR lab	Test result (P,N)	Feeding Option	Given NVP	Feeding Option	Given NVP	Age at Test (in months)	Initial / Repeat for Rejections	Date sample taken	Date results from PCR lab	Test result (P,N)	Feeding Option	Given NVP	Feeding Option	Given NVP	Age at Test (in months)	Initial confirmatory test / Repeat for Rejections	Date sample taken	Date results from PCR lab	Date guardian collected results	Test result (P,N)	Feeding Option	Given NVP	Date of test	Test result	HIV Status at 24 months	Status of pair at 24 months	Age at disbanding pair	CCC Number (if positive & enrolled)	
(Codes)	Given CTX						(Codes)	Given CTX	(Codes)	Given CTX						(Codes)	Given CTX	(Codes)	Given CTX							(Codes)	Given CTX	Age (in mths)	(P,N)	(Codes)	(codes)			
(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)
			Initial / Repeat for Rejections									Initial / Repeat for Rejections									Initial / Repeat for Rejections													

Feeding options

BF
NBF

Feeding Options 7-18 months col (ae,ag,an,ap and ax)
BF=Breast feeding
NBF=Not Breastfeeding

Test 18 mths
Test >18 mths

HIV Status at 24 months col (bb)
IBF=Infected_Breastfed
IBFn=Infected_not Breastfed
IBFu=Infected_BF_Unknown
UBF=Uninfected_Breastfed
UBFn=Uninfected_not Breastfed
UBFu=Uninfected_BF_Unknown
TnD=Status unknown because test was not done due to LTFU
Died=Child died before confirming
TO=Child transferred out to another

Status of pair at 24 months col (bc)
Active
LTFU
DEAD_B
DEAD_M
TO
INVALID