**Questionnaire: Exploring disposable diaper (nappy) usage and disposal in urban communities within selected enumeration areas in Accra, Ghana and Kisumu, Kenya.**

Interview location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Interview date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Name / ID of interviewer: \_\_\_\_\_\_\_\_\_\_\_ Interview start time: \_\_\_\_\_\_\_\_\_\_\_

Mother/Carer ID number: [auto-ID]

Consenting outcome:

AGREES TO PARTICIPATE / DECLINES PARTICIPATION

*End data entry and interview if respondent declines to participate.*

***Screening Questionnaire:***

**Section I: (Demographics of mother/carer)**

1. Are you aged 18 years or older?

*YES / NO / UNWILLING TO SAY*

*If respondent is less than 18 years old (i.e. not an adult) or unwilling to confirm their age, end the interview as this does not comply with the survey’s ethical approval.*

1. Have you ever attended school?

*[A] YES*

*[B] NO*

*[C] UNWILLING TO SAY*

1. What is the highest level of school you attended?

*[A] Primary*

*[B] Middle*

*[C] JHS or JSS*

*[D] Secondary*

*[E] SSS or SHS*

*[F] Higher*

*[G]Vocational or Technical school*

1. Do you own a car?

*[A] YES [B] NO*

1. Do you own a TV?

*[A] YES [B] NO*

1. Do you own or rent a house?

[A] Rent [B] Own

What is the main source of drinking water for the household?’

*[A] Piped Inside Dwelling*

*[B] Piped Outside Dwelling but on Compound*

*[C] Piped Outside Dwelling but from Neighbour’s House*

*[D] Public Tap Or Standpipe*

*[E] Tubewell Or Borehole with Pump*

*[F] Protected Well*

*[G] Rainwater*

*[H] Protected Spring*

*[I] Bottled/ Dispenser Water*

*[J] Sachet Water*

*[K] Tanker Supply Or Vendor Provided*

*[L] Unprotected Well*

*[M] Unprotected Spring*

*[N] River or Stream*

*[O] Dugout, Pond, Lake, Dam or Canal*

*[P] Other (Specify)*

1. What type of toilet facility is usually used by your household?

*[A] W.C.*

*[B] Pit Latrine*

*[C] Kumasi Ventilated Improved Pit Latrine (KVIP)*

*[D] Bucket or Pan*

*[E] Public toilet (e.g. WC, KVIP, Pit Pan)*

*[F]Bush/ Field*

*[G] Beach*

*[H] No Facility*

*[I] Other (specify)*

1. Over the past week, did you engage in any economic activity for at least one hour?

*[A] Yes – worked for pay (cash or in-kind)*

*[B] Yes – worked for profit on own or family business*

*[C] Yes – engaged in economic activity, but received no pay/profit*

*[D] No - unemployed*

*[E] No – retired*

*[F] No – On leave*

*[G] Don’t know*

**Section II (Demographics of child attending clinic)**

1. Age of child who is attending clinic for treatment in months: \_\_\_\_\_\_

*Instruction for researcher: looking at your tally sheet, have you already interviewed 20 children previously in this child’s age group at this particular health facility? YES / NO*

*If YES, then END THE INTERVIEW.*

* *If NO, then add 1 to the tally sheet for this age group and continue.*

1. Month of Birth of child who is with mother: mm / yyyy: \_\_ / \_\_\_\_\_\_
2. Gender of child who is with mother: MALE / FEMALE

**Section III (Relationship to child and purpose of visit)**

1. What is your relationship to the child with you today?

*[A] Mother*

*[B] Father*

*[C] Uncle*

*[D] Aunt*

*[E] Grandmother*

*[F] Grandfather*

*[G] Carer*

*[H] Other (specify)*

1. Are you the main carer of the child with you today? *YES/NO*
2. What is the purpose of the child’s visit to the healthcare facility today?

*[A] Vaccination*

*[B] Sickness – diarrhoea*

*[C] Sickness – other*

**Section III: Nappy usage**

1. *Does your child wear diaper (nappy)?*

*[A] Yes*

*[B] No - they are toilet/potty trained IF No answer questions 17 and 18 and End survey*

1. What do you use to collect urine or faeces from the baby/child who is with you today? *[multi-select]*

*[A] Cloth reusable diaper (nappy)*

*[B] Disposable diaper (nappy) (e.g. Molfix, Pampers, Luvs, Huggies, Efal, Chicco)*

*[C] Potty/ chamber pot*

*[D] None – they are potty or toilet trained.*

*[E] Others (specify)* \_\_\_\_\_\_\_\_\_\_

***If [A][C][D][E] in response to Q15, ask Q16and END interview***

***If [B] in response to Q15, ask Q16and skip to question 19***

1. Why do you choose the method(s) previously stated *(in Q13)* to collect urine/faeces? *[multi-select]*

*[A] Affordable (Cost)*

*[B] Readily Available*

*[C] Easy to use*

*[D] More hygienic*

*[E] Child prefers it*

*[F] Requires less washing*

*[G] Other reasons (specify)* \_\_\_\_\_\_\_\_\_\_

*If [C] none- they are toilet/potty trained in response to Q15, ask Q17 & Q18, then END THE INTERVIEW.*

1. At what age did your child stop wearing diapers (nappies) in the day)?

\_\_\_\_\_\_\_\_\_\_ months

1. At what age did your child stop wearing diapers (nappies) in the day and night (i.e. when were they completely toilet/potty trained)?

\_\_\_\_\_\_\_\_\_\_ months

*IF answer to Q15 is [B] disposable diaper (nappy)s, respondent should answer subsequent questions and interviewer is to proceed*

* *Eligible for interview? Yes/No*

***End of screening questionnaire.***

***Main Questionnaire:***

*IF answer to Q15 is [B] disposable diaper (nappy)s, answer the following questions:*

**Section IV: Nappy behaviours and practices**

1. If your answer choice to question 13 includes disposable diapers (nappies), which brand do you normally buy?

*[A]*

*1=Pampers,*

*2=Huggies,*

*3=Molfix,*

*4=Kiss kids,*

*5=Soft care,*

*6=Phoenix,*

*7=Pretty baby,*

*8=Snuggles,*

*9=Luvs,*

*10=Efal,*

*11=Chicco,*

*12=No-name brand,*

*13=Any available brand,*

*77=Don't know,*

*95=Other (specify)*

1. Do you normally buy the same brand diaper (nappy) or the cheapest brand available?

*[A] I always buy the same brand*

*[B] I buy the cheapest brand available*

1. In what quantity do you normally buy diapers (nappies) when you go to the shop, kiosk or supermarket?

*[A] A single diaper (nappy)*

*[B] A packet:*

*- State approximate number of diapers (nappies) in packet: \_\_\_\_\_\_\_\_\_\_*

*[C] A Bag (Bag contains 2 or more packets):*

*- State approximate number of packets in a bag: \_\_\_\_\_\_\_\_\_*

*-State approximate number of diapers (nappies) in a packet: \_\_\_\_\_\_\_\_\_\_*

1. *How frequently do you usually buy diapers (nappies)?*

*[A] Daily*

*[B] Weekly*

*[C] Once every 2 weeks*

*[D] Monthly*

*[E] Other specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. How many diapers (nappies) did you buy in the past week for the child with you today? \_\_\_\_\_\_\_\_\_\_ single diapers (nappies)

OR

\_\_\_\_\_\_\_\_\_\_ packets of diapers (nappies)

OR

\_\_\_\_\_ bags of diaper (nappy)

1. How much did you pay for them?

\_\_\_\_\_ Cedis/ KSh per single diaper (nappy)

OR

\_\_\_\_\_ Cedis/ KSh per pack diaper (nappy)

OR

\_\_\_\_\_ Cedis/ KSh per bag diaper (nappy)

1. Can you estimate how much is spent each month on nappies in your household for the child you brought here today?

\_\_\_\_\_ Cedis/ KSh a month

1. Do you reuse disposable diapers (nappies)? Yes/No IF No, skip to Q29
2. If yes, how many times do you reuse a single diaper (nappy) when soiled before disposing of it? \_\_\_\_\_\_\_\_\_\_ times
3. If yes, how many times do you reuse a single diaper (nappy) if not soiled before disposing of it? \_\_\_\_\_\_\_\_\_\_ times
4. What size diaper (nappy) does the child you have brought today currently wear, which you subsequently bought in the past week?

*[A] 1*

*[B] 2*

*[C] 3*

*[D] 4/4+*

*[E] 5/5+*

*[F] 6*

*[G] Small*

*[H] Medium*

*[I] Large*

*[J] Other (specify) \_\_\_\_\_\_\_\_\_\_*

*[K] Don’t know*

**Section V: Mode of diaper (nappy) disposal**

1. How do you dispose of mixed waste in the household?

*[A] Collected, e.g. Aboboya, ZoomLion etc*

*[B] Burnt by household*

*[C] Public dump*

*[D] Dumped indiscriminately, e.g. in water course, in the compound, in the street, in a vacant plot, in a drain*

*[E] Buried by household*

*[F] Other (specify) \_\_\_\_\_\_\_\_\_\_*

1. Do you dispose of used disposable diapers (nappies) by the same means as your main (general) household waste?

*[A] Yes – Same means*

*[B] No – Dispose of separately*

*[C] Don’t know*

1. How many nappies do you usually dispose of at one time?

*[A] One nappy*

*[B] One day worth of nappies*

*[C] Several days’ worth of nappies*

*[D] A week’s worth of nappies or more*

*[E] Other (specify) \_\_\_\_\_\_\_\_\_\_*

1. How many nappies do you usually dispose of in a day (24hrs)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What do you usually do after disposing of nappies?

*[A] Wash hands with water and soap*

*[B] Wash hands with only water*

*[C] Rub hands with sanitizer*

*[D] Wash hands with water and use hand sanitiser*

*[E] Wash hand with water, soap and also rub hands with hand sanitiser*

*[F] Nothing*

*[G] Other specify\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. Do you do anything to used disposable nappies before disposing of them?

*[A] Wrap In Plastics*

*[B] Wrap In Paper*

*[C] Wrap in both Paper and Plastics*

*[D] Do nothing*

*[E]Other (specify) \_\_\_\_\_\_\_\_\_\_*

*If disposed of separately to main household waste in Q27:*

1. How do you dispose of used disposable diapers (nappies)?

*[A] Collected (e.g. Aboboya, ZoomLion etc)*

*[B] Burnt by household*

*[C] Public dump*

*[D] Dumped in water course or riverbed*

*[E] Dumped in the compound/ in the street/road*

*[F] Buried by household*

*[G] Dispose of in pit latrine / septic tank*

*[H] Other – specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*