Note that technology is rapidly changing so investigators should take time to understand what technology is used at the time when adapting these questions for research or programmatic work.

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| Mobile Phones | | |
| Q1 | Do you have regular access to owned or shared mobile phone, or occasional access to a mobile phone when needed? *This could help screen participants for phone based interventions/projects that require mobile phones* | □ Yes  □ No *(Skip to Q15)*  □ Don't know *(Skip to Q15)* |
| Q2 | When did you first have regular access to a phone when you needed one? *Ask for older adolescents* |  |
| Q3 | How long have you used a mobile phone? *(Months or years (select which). Enter -2 for no answer. Select months if no answer)* | Months (if <1 year)  OR  Years (round to nearest) |
| Q4 | Do you share this phone with anyone else? | □ Yes  □ No *(Skip to Q7)* |
| Q5 | Who uses the phone other than you? (select all that apply) | □ Partner  □ Parent  □ Sibling  □ Other relative  □ Friend  □ Neighbor  □ Other (specify):  □ No answer |
| Q6 | Who normally has the phone during the day? | □ self  □ partner  □ parent  □ sibling  □ other relative  □ friend  □ neighbor  □ other (specify) :  □ No answer |
| Q7 | Does your phone have a touchscreen? | □ Yes  □ No  □ Don't know  □ No answer |
| Q8 | Can your phone access the internet or do data? | □ Yes  □ No  □ Don't know  □ No answer |
| Q9 | What mode(s) of phone communication do you use to communicate with friends and family? (select all that apply) | □ None  □ SMS  □ Phone calls  □ WhatsApp  □ Facebook  □ Instagram  □ Snapchat  □ Viber  □ Telegram  □ Signal  □ Skype  □ WeChat  □ GroupMe  □ Slack  □ Facebook Messenger  □ Email  □ Google Hangouts  □ Other, specify:  □ No answer |
| Q10 | Does your phone have a screen lock feature (such as requiring a pin, thumb print, or facial recognition) to access the phone when it turns off? | □ Yes  □ No  □ Don't know  □ No answer |
| Q11 | Has anyone ever read messages or viewed photos on your phone, or accessed your phone without your permission? *Intention is to ask broadly about confidentiality.* | □ Yes  □ No *(Skip to Q13)*  □ Don't know *(Skip to Q13)* |
| Q12 | Who has access to your phone without your permission? *(Select all that apply based on participant response.)* | □ parent  □ sibling  □ other relative  □ partner  □ friend  □ neighbor  □ other (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  □ No answer |
| Q13 | Approximately how much do you spend on airtime in a typical week? *Enter -2 for no answer. Enter in local currency, KSH, USD, etc. May not be relevant to some settings with mobile phone plans such as the US.* |  |
| Q14 | Approximately how much do you spend on data in a typical week? *Enter -2 for no answer. Enter in local currency, KSH, USD, etc. May not be relevant to some settings with mobile phone plans such as the US.* |  |
| WhatsApp: Note WhatsApp is used for illustration, the following questions should be adapted or repeated for as many communication platforms are needed. | | |
| Q15 | Have you ever heard of WhatsApp? | □ Yes  □ No *(Skip to Q22)*  □ Don't know *(Skip to Q22)*  □ No answer |
| Q16 | Can your phone do WhatsApp? | □ Yes  □ No  □ Don't know  □ No answer |
| Q17 | Have you ever used WhatsApp? | □ Yes  □ No  □ Don't know  □ No answer |
| Q18 | How long have you been using WhatsApp (in months)? *Enter -2 for no answer.* | Months: |
| Q19 | How regularly do you use WhatsApp? | □ Daily  □ At least once per week  □ At least once per month  □ Less than once per month  □ Don't know  □ No answer |
| Q20 | In a normal week, about how many WhatsApp messages do you send? *Enter -2 for no answer.* | Messages: |
| Q21 | In a normal week, about how many WhatsApp messages do you receive? *Enter -2 for no answer.* | Messages: |
| Telegram: Note Telegram is used as a secondary illustration, the following questions should be adapted or repeated for as many communication platforms are needed. | | |
| Q22 | Have you ever heard of Telegram? | □ Yes  □ No *(Skip to END)*  □ Don't know *(Skip to END)*  □ No answer |
| Q23 | Can your phone do Telegram? | □ Yes  □ No  □ Don't know  □ No answer |
| Q24 | Have you ever used Telegram? | □ Yes  □ No  □ Don't know  □ No answer |
| Q25 | How long have you been using Telegram? (in months)? | Months: |
| Q26 | How regularly do you use Telegram regularly? | □ Daily  □ At least once per week  □ At least once per month  □ Less than once per month  □ Don't know  □ No answer |
| Q27 | In a normal week, about how many Telegram messages do you send? | Messages: |
| Q28 | In a normal week, about how many Telegram messages do you receive? | Messages: |
| Q29 | Are you able to charge your phone on a regular basis? | □ Yes  □ No  □ Don't know  □ No answer |
| Q30 | Where do you usually charge your phone? *(check all that apply)* | □ Home  □ Work  □ Friend, family member, or neighbor’s home  □ In the community  □ Other (specify) \_\_\_\_\_\_\_\_\_\_\_\_  □ Don't know  □ No answer |
| END | | |