**Project Nourish – 2 Waves Data Collection**

**High Frequency Check System**

**Purpose**

To track the progress of data collection and monitor the survey data quality and field team performance

**Workflow**

1. Dofile: 2nd round Project Nourish Survey\02\_workflow\00\_do\HFC
2. Output: 2nd round Project Nourish Survey\02\_workflow\03\_output

**Functions/Performance**

**Completion Check**

1. ***Function***: The completion check package will monitor the progress of survey data collection via a targeted sample per village (and per survey team or geographical area). Additionally, it will also perform the duplicate check for survey respondents.
2. ***Outputs***:
   1. Progress: Survey completion rate (by team or cluster – village in this case)
   2. Duplicate: # of duplicate cases and list of duplicate cases to check with field team
3. ***Dofiles***: 01\_hfc\_completion.do; 02\_hfc\_duplicate.do
4. ***Output files***: 01\_hfc\_hh\_completion\_rate.xlsx; 02\_hfc\_hh\_duplicate.xlsx

**Enumerator Performance**

1. ***Function***: This package will evaluate the enumerator's performance in survey data collection. Using the completion rate information from the previous package, this package will create a report for the number of surveys finished by enumerators. The survey duration will also monitor and identify which enumerator;
   1. has the irregular time to start the survey or finish the survey (too early AM or too late PM)
   2. has the longest survey length (to check what were the problem with field works)
   3. has the shortest survey length, and
   4. check who is not taking enough time in certain modules or questions that have explanation notes before the actual questionnaire administration (consent module, household roster module, and IYCF modules).
2. ***Outputs***:
   1. Completion rate
   2. Number of survey issue per enumerator
      1. irregular survey administration time (too early AM or too late PM)
      2. too long survey or too short survey
      3. too short screen reading timespan for the complex questions and enumerator notes
3. Dofiles: 06\_hfc\_enuperform.do
4. Output files:

**Data Consistency**

1. ***Function***: This package checks whether all the skip pattern questions flows are working correctly and evaluates whether the built-in data consistency check from the survey program is working correctly. In addition, the package will identify the effect of outlier values across different numeric variables from the survey.
2. ***Outputs***:
   1. Survey question workflow: Does the skip-pattern work correctly or not?
   2. Data consistency check: Does all the data consistency check work correctly (for the built-in survey)? For those unable to implement inside the survey, an additional check will be performed by this package.
   3. Outlier: number and outlier per variable per enumerator
   4. Missingness: the number of missing (including system missing) in all variables.
3. ***Dofiles***: 01\_hfc\_completion.do; 02\_hfc\_duplicate.do
4. ***Output files***: 01\_hfc\_hh\_completion\_rate.xlsx; 02\_hfc\_hh\_duplicate.xlsx