Automated CBS Supervision

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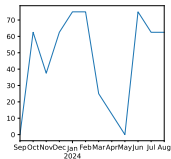
Population Services International - Sierra Leone

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Background

- Community based surveillance data lacks both timely and high quality reporting
- CHW supervisors lack access to DHIS2 validation data as well as agregate statistics
  - Do not have login
  - Lack reliable internet
  - Some Peer Supervisors lack technical skills and equipment required to access DHIS2
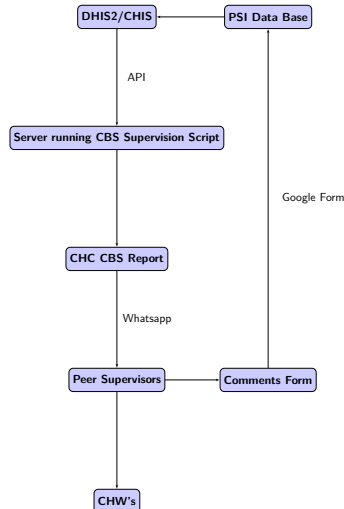- Manual creation of reports takes time

CBS Report Zimmi CHC

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CHW	REPORTING RATE	REPORTING RATE ON TIME	ACTUAL REPORTS	ACTUAL REPORTS ON TIME	EXPECTED REPORTS	Data Quality Score
CHW03	100	100	1	1	1	10
CHW01	100	100	1	1	1	9
CHW06	0	0	0	0	1	9
CHW05	100	100	1	1	1	8
CHW07	0	0	0	0	1	6
CHW02	100	100	1	1	1	6
CHW04	100	100	1	1	1	2
CHW08	0	0	0	0	1	0

(a) Lorem ipsum

DHIS2/CHIS — PSI Data Base

API

Server running CBS Supervision Script

Google Form

CHC CBS Report

Whatsapp

Peer Supervisors — Comments Form

CHW's

(b) Lorem ipsum, lorem ipsum, Lorem ipsum, lorem ipsum, Lorem ipsum

Why PDF

- Ideally as close to DHIS2 as possible
- Reasons for Using Python over Excel
  - Querying larg amounts of Data/Automated report submission is difficult to maintain in excel
  - PDF can be delivered via Whatsapp and viewed in any phone with a internet browser

Newsletter

- Key Features
  - Front Page
    - ⋆ Key CHW indicators?
    - ⋆ Key PS indicators?
    - ⋆ Data Quality Assessment
    - ⋆ Reporting Backlog info
  - CHW Page
    - ⋆ Identifying info
    - ⋆ Monthly Report Summary
    - ⋆ Data Quality report/recommendations
    - ⋆ Links to submission of Performance Audit, Direct observation, etc.

Comments/Questions?

If no questions test for the following CHC's

- Zimmi CHC
- Konta Line CHC
- Telu CHC