



## Instructions for how to administer the Data Quality Assessment

### Calculation of data verification ratios at CHEW level

1. Collect all the MOH 514 Service Delivery Log Books from all the CHVs in your Community Health Unit (CHU). For example, if your CHU has 30 CHVs, then you should carry out the DQA using 30 MOH 515 Service Delivery Log Books.
2. Pick up the first MOH 514 Service Delivery Log Book.
3. Identify the month whose data you want to assess.
4. Look at the column for indicator L. "Child 0-59 months participating in growth monitoring".
5. Carefully inspect each row and add up the total number of children 0-59 months participating in growth monitoring **for the entire month**. At the bottom of column L, write this value in the shaded row at the bottom of the table titled "Total".
6. Repeat steps 4. and 5. for columns M., N., P., Q., S. and T.
7. Repeats steps 4. to 6. for remaining MOH 514 Service Delivery Log Books.
8. For each indicator, add up the total **across ALL the MOH 514 Service Delivery Log Books**. Record these totals in the **SQALE Data Verification Ratios form** in the column "Reaggregated total of MOH 514 Service Delivery Log Books".
9. To compare the data reported by the MOH 514 Service Delivery Log Books to that reported by the MOH 515 CHEW Summary, first match the indicators in MOH 514 Service Delivery Log Book to the indicators in MOH 515 CHEW Summary:

MOH 514 Service Delivery Log Book	MOH 515 CHEW Summary
<b>Child</b>	<b>Demographic, Household, Mother and Child and Treatment Indicators</b>
L. Child 0-59 months participating in growth monitoring	21. Number of children 0-59 months participating in growth monitoring
<b>Child</b>	<b>Referral Indicators</b>
M. Child 6-59 months with MUAC (Red) indicating severe malnutrition	42. Severe malnutrition
N. Child 6-59 months with MUAC (Yellow) indicating moderate malnutrition	43. Moderate malnutrition
<b>Referrals</b>	<b>Referral Indicators</b>
P. Pregnant woman referred for ANC	37. ANC
Q. Pregnant woman referred for skilled delivery	38. Skilled delivery
S. Home delivery referred for Post Natal Care (PNC) services	<b>Data for this indicator not reported by MOH 515 CHEW Summary</b>
T. Child 0-11 months referred for immunization	40. Children of 0-11 months referred for immunization

10. Record the values reported by the MOH 515 CHEW Summary in the **SQALE Data Verification Ratios form** in the column “Value reported by MOH 515 CHEW Summary”.
11. Calculate the data verification ratio at CHEW level for each indicator. Write this a percentage. Do this as follows:

$$\left( \frac{\text{Value reported by MOH 515 CHEW Summary}}{\text{Reaggregated total of MOH 514 Service Delivery Log Books}} \right) \times 100$$

### Calculation of data verification ratios at Sub-County Health Records Information Officer (HRIO) level

1. Log in to the Kenya Health Information System (DHIS2)
2. Go to **Data Set Report** page
3. For Data Set, select **MOH 515 Community Health Extension Worker Summary Revised**
4. For reporting period, select **Monthly**
5. Underneath reporting period, select month and year for which you would like to perform a DQA
6. For Report organization unit, search for and select your Community Health Unit
7. Click **Get report**
8. In order to compare the data reported by the MOH 515 CHEW Summary to that reported in the DHIS2, first match the indicators in the MOH 515 CHEW Summary to the indicators in the DHIS2:

MOH 515 CHEW Summary	Kenya Health Information System (DHIS2)
<b>Demographic, Household, Mother and Child and Treatment Indicators</b>	<b>Demographic, Household, Mother and Child and Treatment Indicators</b>
21. Number of children 0-59 months participating in growth monitoring	Number of 0-59 months participating in growth monitoring
<b>Referral Indicators</b>	<b>Referral Indicators</b>
42. Severe malnutrition	Referred with Severe malnutrition
43. Moderate malnutrition	Referred with Moderate malnutrition
37. ANC	Referred for ANC
38. Skilled delivery	Referred for Skilled Delivery
<b>Data for this indicator not reported by MOH 515 CHEW Summary</b>	<b>Data for this indicator not reported in DHIS2</b>
40. Children of 0-11 months referred for immunization	Children of 0-11 months referred for immunization

9. Record the values reported by the MOH 515 CHEW Summary in the **SQALE Data Verification Ratios form** in the column “Value reported by MOH 515 CHEW Summary”.
10. Record the values reported in the DHIS2 in the **SQALE Data Verification Ratios form** in the column “Value reported in Kenya Health Information System (DHIS2)”.
11. Calculate the data verification ratio at sub-county HRIO level for each indicator. Write this as a percentage. Do this as follows:

$$\left( \frac{\text{Value reported in DHIS2}}{\text{Value reported by MOH 515 CHEW Summary}} \right) \times 100$$

### **Acknowledgement**

The USAID SQALE CHS Program is made possible by the generous support of the American people through the United States Agency for International Development (USAID) and is implemented under cooperative agreement number AID-OAA-A-16-00018. The program is managed by prime recipient, Liverpool School of Tropical Medicine.