

4.0 ANALYSE SURVEY RESULTS

4.1 CALCULATE RATES

The compilation of survey data was described on page D-3 and D-4. Before calculating rates, the data from individual clusters should have been separately compiled on the core Single Cluster Summary (located in Section I). If options were used, data also should have been compiled using the relevant Single Cluster Tally sheets and the drug option sections of the Single Cluster Summary (located in the option sections of this manual).

After the completion of single cluster totals on the core Single Cluster Summary, these totals should have been transferred to the core All-Cluster Summary Spreadsheet (also located in Section I). If options were used, then single cluster totals from the relevant tally sheets and drug option sections of Single Cluster Summary pages should also have been transferred to the All-Cluster Summary Spreadsheets for the options (located in the option sections of this manual).

Using the formulae provided, calculate the rates described on the Summary of Survey Results. An example of a completed Summary of Survey Results begins on the next page, and a blank form is in Section I. The rates on this form may be calculated by hand or by use of a Lotus 1-2-3 computer programme available from WHO/CDR. If you use the Lotus programme, the rates will be printed out in the format shown in the example on page E-10 and in the blank "Survey Summary" in Section I. Instructions on using the Lotus 1-2-3 programme to calculate rates and limits of precision are given in Section X.

If options were used, calculate rates using the totals from the optional sections of the All-Cluster Summary Spreadsheet and the formulae given in the option sections of this manual. As with the core rates, the optional rates can be calculated by hand or using Lotus 1-2-3.

Geographic Area: Zamavia

CORE ARI RATES WHICH CAN

TYPE OF RATE	FORMULA
*1. Caretaker knowledge of when to seek care for ARI	$\frac{\text{total W12}}{\text{total W1 (Yes)}}$
2. Caretaker knowledge of a specific breathing-related reason for careseeking (3 possible rates)	$\frac{\text{total W11 a,b, or c}}{\text{total W1 (Yes)}}$
3. Caretakers who consider fever a reason for careseeking	$\frac{\text{total W11e}}{\text{total W1 (Yes)}}$
4. Careseeking for ANA** outside the home	$\frac{\text{total Y1 (Yes)}}{\text{total W5 (Y)}}$
*5. Careseeking for ANA from appropriate providers	$\frac{\text{total Y4}}{\text{total W5 (Y)}}$
6. Careseeking for ANA from appropriate providers first after development of fast or difficult breathing	$\frac{\text{total Y5}}{\text{total W5 (Y)}}$
7. Careseeking for ANA from a specific type of provider (11 possible rates)	$\frac{\text{total Y2 a,b,c,d,e,f,g,h,i,j, or k}}{\text{total W5 (Y)}}$
8. Careseeking for cough outside the home	$\frac{\text{total G1 (Yes)}}{\text{total W5 (G)}}$
9. Careseeking for cough from a specific type of provider (11 possible rates)	$\frac{\text{total G2 a,b,c,d,e,f,g,h,i,j, or k}}{\text{total W5 (G)}}$

* Key WHO/UNICEF Programme Indicator

**ANA = acute respiratory infection needing assessment (i.e., having fast or difficult breathing)

4.4 REPORT SURVEY RESULTS

Write a report of the survey and present survey results to interested parties, including national CDD and ARI programme staff, local staff in the areas surveyed, survey staff, and the **WHO/CDR** Programme.

The written report should include at least the following:

- Introduction

- Brief history of the **CDD/ARI** programmes in the country
 - Purpose of survey and rates to be measured
 - Geographic scope of survey
 - Dates of survey

- Methodology

- Questionnaire used (Include a copy.)
 - Description of key adaptations of questionnaire and rationale for adaptations
 - Description of pretest
 - If drug options were used, drug lists by category
 - Sampling methodology, including:
 - Determination of sample size
 - Number of clusters
 - Selection of communities where clusters were located
 - Training of surveyors and supervisors (schedule, number trained, list of participants)

- Survey results

- Completed All-Cluster Summary Spreadsheet and rates calculated on Lotus Survey Summaries (or handwritten Summary of Survey Results)

- Discussion of results

- Comparison to rates from previous surveys (if applicable)
 - Significant changes in rates and possible reasons
 - Implications of rates, interpreted along with other data as necessary
 - Problem areas, or areas where there has been no evident progress, and possible reasons

- Conclusions

- Recommendations of actions that need to be taken

