

COMPREHENSIVE NATIONAL NUTRITION SURVEY (CNNS) IN JAMMU AND KASHMIR

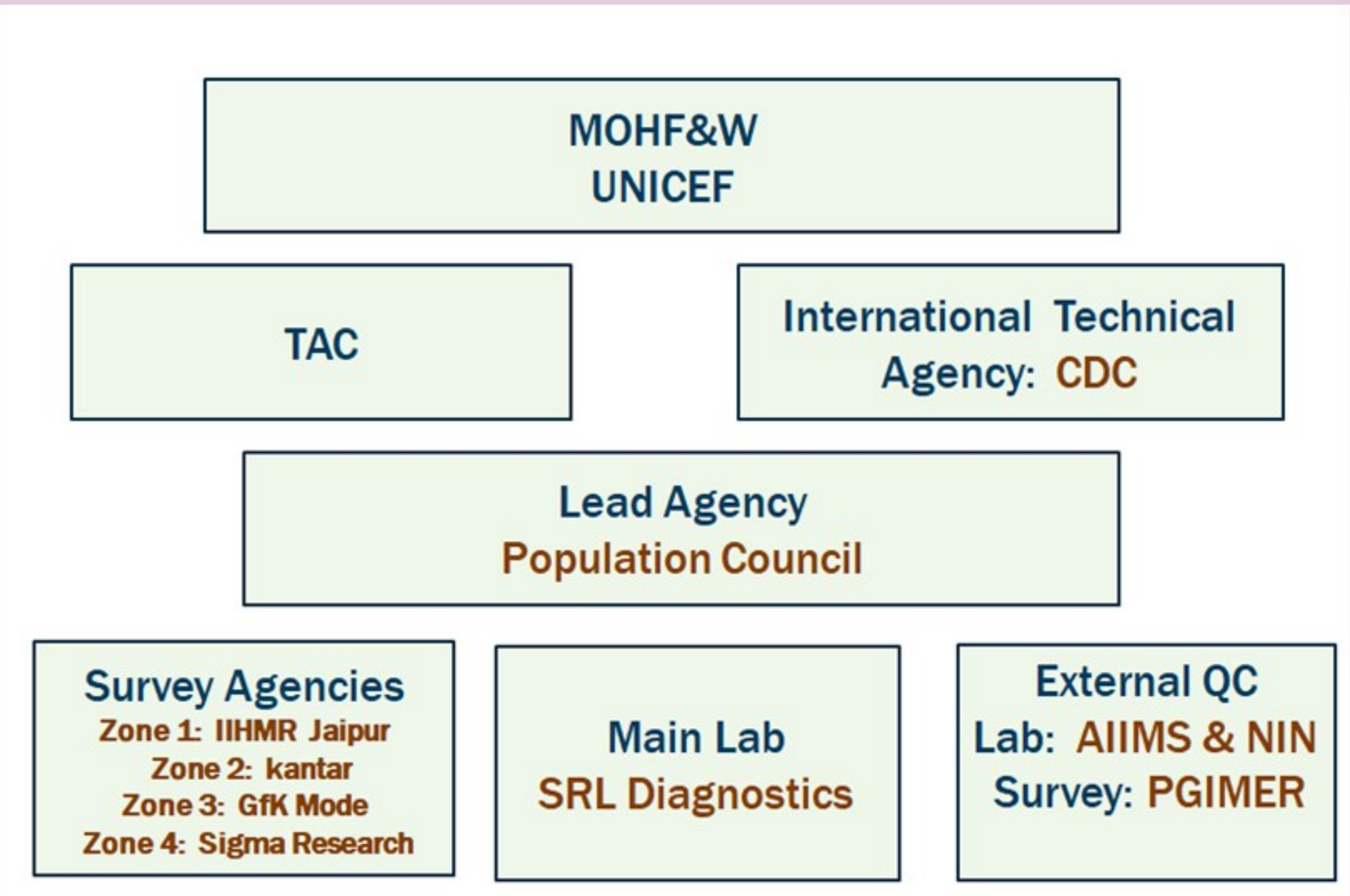
Dr.Kanika Mahajan, Dr. Vasundra Kapoor, Dr. Zahid S. Khan

Purpose of CNNS: A nationally representative and comprehensive nutritional profiling of children aged between 0-19 years in J&K

Objectives of CNNS

- To assess the national prevalence of various micronutrient deficiencies and worm infestation among children & adolescents.
- To collect information on body composition, fat distribution, and various nutritional risk factors of NCDs among school-age children and adolescents
- To explore the association between the nutritional status of children and adolescents with their health sta-

IMPLEMENTING PARTNERS



Roles and Responsibilities by Key Stakeholder Organizations under CNNS

MOHFW UNICEF	Overall responsible, channelizing financial support Responsible to the MOHFW, technical and financial support, monitoring and supervision
Population Council	Technical support- Quality Assurance: Check Field Survey agencies data for quality (PSU wise), Link survey & anthropometry data with biomarker results using Unique ID
AIIMS/PGIMER	Reconcile Main Lab data with QC lab data
SRL	Reconcile Main Lab data with QC lab data
IIHMR	Survey +Anthropometry data for each PSU and sent to Population Council

SAMPLE SIZE-

3960 households: 60 PSU s with 66 households with children of target age group of

preschoolers (0-4 years) = 22

school-age children (5-9 years) = 22

adolescents (11-14 years) =11

adolescents (15-19 years) =11

Summer Training Objectives-

- To learn and assist survey implementation
- To learn how to conduct interview
- To learn how to ensure data quality and monitoring of data collection procedures
- To learn and explore anthropometric measurements in CNNS

Implementation of CNNS in J&K

STEP 1– TRAINING OF TRAINESS(TOT)

15-days (March 6-18, 2018) TOT attended in Darjeeling. On behalf of IIHMR, imparted by Population Council and supervised by MOHFW and UNICEF.

Step 2-Pre-training activities by IIHMR Team

Agenda (logistics, training venue, training schedule, finalization of research tools) for state training for Jammu and Kashmir.

Recruitment and selection of field team [200/74/ (37%)48 24%]]

Step 3-Training of field investigators-April 22-May 17, 2018

- Aspects: Mapping and listing training (3 days),
- Main survey training (25 days),
- Health investigators training (25 days),
- Supervisor training (additional 2 days),
- Data quality observer training (additional 2 days).

Training methods

- Lecture-cum –power point presentation
- Mock interviews using hard copy as well as CAPI
- Demonstration on children
- Role play
- Videos and pictures
- Field practice for four days
- Standardization

Resource Persons

Project coordinator, state coordinator, research officer, field coordinators, IT person, observers (data quality assurance) from other agencies

Step 4- Team composition (8 members in all) No. of teams for J&K CNNS= 6

Supervisor (1)

Data quality control observer (1)

Survey investigators- (3 females and 1 males)

Health investigators (2)

Step 5– Field Monitoring and Supervision

Mapping and Listing (8/ 12): segmentation, checked N-E corner, numbering of the households, checking the format, map

Main Survey (8): selection of households, spot checking (30), backcheck (8),

Health survey (8): spot checking (16), backcheck (12),

Meeting with the team to quality of work, completeness of the records,



KEY LEARNING-

- Learned about CNNS and its protocols
- Learned about implementation of large scale survey
- Learned the importance of team work and management of resources
- Learned and arranged logistics for a large scale survey like arrangement of training venue, required stationary, tools and equipment.
- Learned to conduct interviews for recruiting the candidates as field investigators and health investigators.
- Learned the importance of training
- How to impart training to field investigators



- Learned study survey related material– mapping and listing manual, interviewer's manual, supervisor and DQ manual, ASQ-SRI manual, anthropometric manual
- Learned the key terms related to nutritional survey
- Learned how to conduct interview like how to ask question without changing its meaning in the local language.



- Learned the different training methods and their importance (how to use)
- Learned how to use CAPI and how to record data



- Importance of spot checking and back checking.
- Importance of spot checking and back-checking