

# OTHER ACTIVITIES

## 4.3 Annual Health Survey- Clinical Anthropometric and Biochemical Component (CAB) Survey-2013-2014

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**Commencement:** September, 2013

**Duration:** Nine Months (Extended by Dec, 2013)      **Status:** Ongoing

**Funding Agency:** Ministry of Health & Family Welfare (Extramural)

### OBJECTIVES

1. To provide training to health investigators and supervisors recruited by survey agencies.
2. To estimate hemoglobin from blood filter spot samples of surveyed population of Rajasthan sent by agencies.
3. To make and analyze blood filter spot samples being sent to other collaborative institutes for inter laboratory quality assurance.

### PROGRESS

**Training-** Intensive training was provided to field survey teams consisting of health supervisors and health investigators of surveyed agencies in 4 batches with 15 members in each batch. They were familiarized with techniques for measurements of health indicators/parameters that are being measured in CAB survey (like height and length on stature meter and infantometer respectively, weight on digital weighing balance, blood pressure on digital BP monitor, blood glucose on glucometer). Hands on practice was given for pipetting 20 microlitre of anticoagulant blood and collecting 20 microlitre blood from finger prick onto a filter paper for haemoglobin estimation. Alongwith this thorough practice sessions were conducted in filling pre- designed schedules. They were taught about quality control measures so that they could measure these parameters accurately and consistently across personnel and place.

#### Hemoglobin Estimation:

Central Biochemical Research Laboratory has done haemoglobin analysis of 20, 494 blood filter spot samples received from two survey agencies. Details are given in Table 1

**Table 1. Details of Sample analyzed under Annual Health Survey till 15<sup>th</sup> April 2014**

Sl no.	Name of Agency	Name of District	PSU	No of Samples
1	AMS	Jaipur	6	770
2		Sikar	9	1632
3		Jaisalmer	1	407
4		Alwar	12	3130
5		Churu	12	2819
6		Bikaner	4	600
7		Jodhpur	5	506
<b>Total</b>		<b>7</b>	<b>49</b>	<b>9864</b>
7	Sambodhi	Rajsamand	2	376
8		Bhilwara	1	34
9		Udaipur	2	420
10		Chittaurgarh	12	1745
11		Jhalawar	9	2296
12		Barmer	5	546
13		Pali	8	1284
14		Sirohi	2	328
15		Karauli	2	280
16		Tonk	7	1738
17		Kota	7	1150
18		Banswara	2	433
<b>Total</b>		<b>11</b>	<b>59</b>	<b>10630</b>
<b>Cumulative</b>		<b>18</b>	<b>108</b>	<b>20494</b>

The results of haemoglobin estimation of above samples are being sent to surveyed agencies for further analysis.

This survey will help to improve health and nutrition status by planning district specific interventions based on magnitude of problem in different districts so as to reduce the gap between districts, states and segments of population.