

## **Third Party Evaluation of Measles Supplementary Immunization Activity in Sindh during 2014**

**Department:** Community Health Sciences

**Project Sponsors:** GAVI Alliance, WHO, Japan International Cooperation Agency (JICA) and Measles-Rubella Initiative.

**Duration:** July – September 2014

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The aim of this third party evaluation was to assess the measles vaccination coverage of the SIA carried out from May 19th to 30th, 2014 in Sindh province. To enhance measles vaccination coverage in Pakistan & checked Sindh campaign of supplementary immunization activities (SIA) for measles vaccination which has been implemented by the Federal and Provincial EPI programs.

### **Objective:**

1. To assess measles vaccination coverage achieved through SIA in 22 districts of Sindh and in the towns/talukas of Karachi and Hyderabad for two groups of children:
  - a. Aged from 6 months to 5 years
  - b. Aged from 5 years to 10 years
2. To assess OPV vaccination coverage among children below the age of 5 years achieved through the SIA in Baldia Town, Karachi where OPV was administered through this campaign

### **Secondary objectives**

1. To assess lifetime measles vaccination coverage amongst children in these two age groups.
2. To ascertain causes for immunization failure in both of these groups of children.

### **Design:**

The evaluation was conducted through a survey of mothers'/primary care-givers' recall of measles immunization during the SIA period of children in both of the defined age groups. The children included in the survey were selected using the standard two-stage sampling methodology for 30-clusters widely utilized by EPI. The evaluation was conducted across all the districts of Sindh province, including the two largest cities of Hyderabad and Karachi.

### **Expected Results:**

The evaluation results are in pipeline.