

## **International Study of Asthma and Allergies in Childhood (ISAAC): Asthma Content**

ISAAC, The International Study of Asthma and Allergies in Childhood, was a unique worldwide epidemiological research program established in 1991 to investigate asthma, rhinitis and eczema in children due to considerable concern that these conditions were increasing in western and developing countries. ISAAC became the largest worldwide collaborative research project ever undertaken, involving more than 100 countries and nearly 2 million children and its aim to develop environmental measures and disease monitoring in order to form the basis for future interventions to reduce the burden of allergic and non-allergic diseases, especially in children in developing countries.

In 2012, The International Study of Asthma and Allergies in Childhood (ISAAC) and the International Union Against Tuberculosis and Lung Disease (The Union) formed a collaboration, establishing the Global Asthma Network (GAN).

**Administered by** the International Study of Asthma and Allergies in Childhood

**ISAAC Website:** <http://isaac.auckland.ac.nz/>

**GAN Website:** <http://www.globalasthmanetwork.org/>

### **Sampling Frame and Methodology:**

- Phase One used simple core written questionnaires for two age groups, and was completed in 156 collaborating centers in 56 countries with a total of 721,601 children participating.
- Phase Two involved more intensive studies in a smaller number of selected centers.
- Phase Three, a repeat of Phase One after at least five years, examined variations in time trends of childhood asthma, rhinoconjunctivitis and eczema around the world, and expanded the world maps of these conditions.
- Phase Four is the development and expansion of the scope of the ISAAC website as a resource for ISAAC collaborators, which includes management plans and other resources useful for managing asthma.

ISAAC sampling phases: <http://isaac.auckland.ac.nz/phases/phases.html>

### **Related Resources:**

Manuals & Questionnaires: <http://isaac.auckland.ac.nz/resources/tools.php?menu=tools1>

Resources: <http://isaac.auckland.ac.nz/resources/resources.php?menu=res>

ISAAC Publications: <http://isaac.auckland.ac.nz/publications/publicationsintro.html>

**Developed by: CDC National Asthma Control Program:** <http://www.cdc.gov/asthma/NACP.htm>

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