About VIEW-hub

VIEW-hub (Vaccine Information and Epidemiology Window) is a publicly accessible interactive platform to visualize real-time information on vaccine use, product type, coverage levels, as well as impact assessments. It can be utilized to track progress and strategize ways to accelerate and optimize vaccine implementation. This tool is designed for global, regional, and national stakeholders from the global health community, including partners, civil society organizations, academia, industry, governments, and donor institutions.

Purpose

• To monitor vaccine implementation and impact evaluation globally and at the country level
• To monitor where impact studies have been conducted and what they are assessing
• To enable assessments that identify gaps in vaccine use and evaluation

How does VIEW-hub do this?

VIEW-hub compiles data from a variety of official and unofficial vetted partner sources in a central platform where data visualizations (e.g., maps, graphics) and summaries can be easily generated and customized to the user’s needs. Data are systematically gathered and are triangulated across official sources as needed to ensure validity.

Data Scope of VIEW-hub

Vaccines:
Currently included in VIEW-hub database
» Haemophilus influenzae type b (Hib) vaccine
» Pneumococcal conjugate vaccine (PCV)
» Rotavirus vaccine
» Inactivated polio vaccine (IPV)

Data Topics:
Vaccine introductions and use
» Program type (universal/subnational/risk)
» Vaccine product
» Dosing schedules
Vaccine impact assessments (currently available for PCV and rotavirus vaccine)
» Location
» Outcomes evaluated*
» Study population (e.g., age groups)*
» Availability of results and links to publications*
Vaccine coverage
Vaccine-preventable disease burden (e.g., pneumococcal, Hib, and rotavirus cases and deaths)*
Immunization equity*
*Coming soon

Data Sources

Vaccine introduction and use
» Immunization Data Repository and other official WHO sources
» UNICEF
» Gavi
» Government Ministry of Health (MoH) websites
» Vetted media sources
Impact assessments
» Gavi
» BMGF
» CDC
» Recurring literature searches
» Communications with partners

Frequency of Updates

Vaccine introduction data are updated in real-time where possible and systematically each quarter. Other data, such as vaccine coverage, are updated annually.

Impact study data are obtained through weekly literature searches and are further supplemented with information from partners (e.g., Gavi, BMGF, and CDC), which are gathered on a quarterly basis.

For any VIEW-Hub related inquiries, please contact Linh Nguyen from IVAC at linh.nguyen@jhu.edu.