

OpenEMIS Cote d'Ivoire Scoping Mission

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The OpenEMIS scoping mission to Cote d'Ivoire provided a strategy for the Ministry of Education to improve their national education management information system.

In 2018, the OpenEMIS team conducted a scoping mission to Cote d'Ivoire to help the government assess its data management system and to develop a strategy that would orient it towards utilizing OpenEMIS to collect, manage and disseminate education data.

The scoping mission incorporated a needs assessment and gap analysis in-country to complete fact-finding activities organized in partnership with the Ministry and key stakeholders. In addition, the scoping mission included an analysis of data collection tools, and of the environment and infrastructure in place for adopting innovative new solutions, with a comparison of capabilities of existing and suggested tools.

Features

- Needs assessment and gap analysis conducted through robust interviews with stakeholders
- Data collection tools analysis offered multiple possible scenarios, and advantages of each

Benefits

- Advisory mission lays groundwork for OpenEMIS installation while simultaneously preparing broad roadmap for defining and targeting national education information management goals
- Allows for OpenEMIS to be deployed in most effective manner

Facts

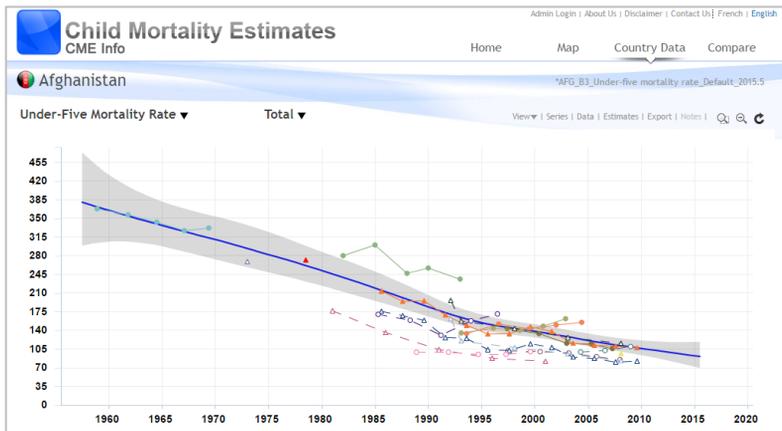
Stakeholder	UNICEF, MoE
Area	Cote d'Ivoire
Time Period	2018
Topics	Education
Link	Database, online platform, dashboard, mobile application
Reference	
Project Administrator	Pierre Chapelet pchapelet@openemis.org

Budget

USD	.015 million
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UNICEF HQ CME Info Data 2018

Child Mortality Estimates; 2018 Data Update



CME Info is a web portal containing all available survey data and the latest child mortality estimates for each country based on the research of the UN Inter-agency Group for Child Mortality Estimation.

Child Mortality Estimates, or CME Info, features global and country dashboards that show current trends in child mortality.

In 2011, Community Systems Foundation (CSF) began a long-term partnership with UNICEF to support the UN Inter-agency Group for Child Mortality Estimation (UN IGME) in strengthening the management and dissemination of annual child mortality estimates.

At the beginning of the partnership, CSF created the first ever portal on child mortality estimates, presenting a clear view of all available data, with explanation of how estimates were created.

Since then, CSF continues to assist UNICEF by updating the global database with annual estimates from UN IGME, national surveys and other estimates.

Features

- Annual global data for Under-five Mortality Rate, Infant Mortality Rate and Neonatal Mortality Rate
- Country time series available by country
- Import Series Data through XLS for mortality indicators

Benefits

- Easy reporting
- Stay up to date on latent mortality trends
- Mortality comparison among countries
- View and Download estimate data

Facts

Stakeholder	UNICEF HQ
Area	Global
Time Period	2011-Present
Topics	Child Mortality
Link	http://www.childmortality.org/
Reference	Danzhen You, UNICEF dyou@unicef.org
Project Administrator	Siddarth Puri spuri@dataforall.org

Budget

USD .01525 million

Philippines National ECCD Strategy

Formulation of National ECCD Strategic Plan



With UNICEF Philippines, CSF technical staff are assisting country stakeholders in the development of the National Early Childhood Care and Development Strategic Plan.

In partnership with UNICEF Philippines and the National Council of Early Childhood Care and Development, CSF technical staff are facilitating the development of the ECCD national strategic plan. While there is currently an ECCD law in the Philippines, national counterparts recognized that the absence of a strategic plan leads to limited decision-making because policy is being discussed and crafted in silos, rather than worked on collaboratively throughout several sectors.

The project is being undergone in two stages. The first stage is the preparation of a comprehensive report on ECCD. To create the report, CSF focal points have visited local governments and health clinics and have hosted two large workshops with primary school teachers and the head of Department of Health.

With the goal of identifying key national ECCD programmes and understanding where major gaps lie, focal points are starting to gather input for the drafting of the strategic plan, which is the second stage of the project.

Features

- Development of comprehensive ECCD situation analysis
- Conducted in-country workshops on ECCD with national educators and health specialists
- Development of national ECCD strategic plan

Benefits

- Collaborative and cross-sectoral development of national ECCD legislation
- Monitoring progress against drafted document
- Increasing national capacity on ECCD with in-country workshops

Facts

Stakeholder	UNICEF Philippines
Area	Philippines
Time Period	2018-present
Topics	Early Childhood Education
Project Administrator	Jon F. Kapp jkapp@communitysystemsfoundation.org

Budget

USD

UNICEF CAR Monitoring Workshop

Capacity Building on DFA Monitoring



The UNICEF Central African Republic (CAR) Monitoring Workshop enabled counterparts to better understand the Data For All (DFA) toolkit and how it can be leveraged to create and report the progress of national development plans.

Through a week-long in-country workshop, UN stakeholders and national government counterparts underwent trainings on the Data For All (DFA) toolkit as it relates to national monitoring and reporting of strategic priorities. Counterparts gained insight into best practices in development of monitoring framework, linked to strategic plans and processes to support collaborative, transparent and accountable monitoring and reporting processes.

Through discussions on the United Nations Development Assistance Framework (UNDAF), DFA Monitoring was presented to show how it can help create these frameworks, and other national development plans.

Features

- Week long capacity building training
- Presentation of DFA Monitoring
- Demonstration of national development plan creation

Benefits

- Introduced to planning and reporting platform
- Picking tool for national development plan
- After this workshop, UNCT CAR adopted UN INFO

Facts

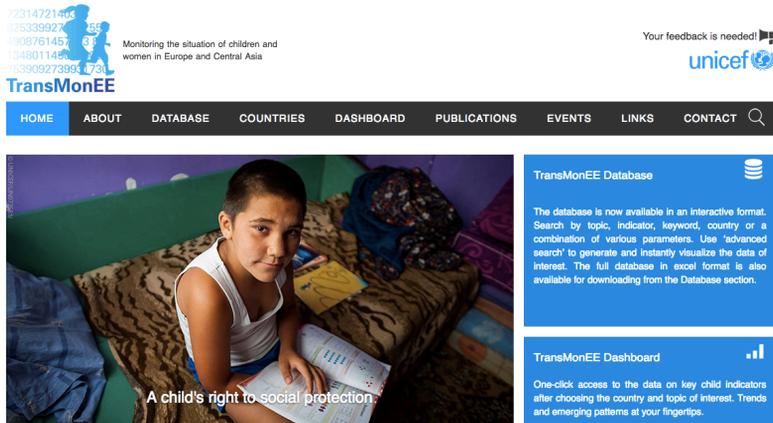
Stakeholder	UNICEF RCA
Area	Central African Republic
Time Period	2018
Topics	Monitoring
Reference	Guillaume Toutou kgtoutou@unicef.org
Project Administrator	Jeeveeta Agnihotri jagnihotri@communitysystemsfoundation.org

Budget

USD .015 million

UNICEF CEE/CIS Transmonee 2018

Transformative Monitoring for Enhanced Equity Portal



The TransMonEE portal presents socioeconomic data on the condition of children and women in Central and Eastern Europe and the Commonwealth of Independent States (CEE/CIS).

In 1992, UNICEF’s Innocenti Research Centre established the TransMonEE database as a repository of a broad range of indicators on the condition of children. The data is used by government institutions, civil society, donors, and academia; they support evidence-based decision-making, and make it possible to analyze social policies and understanding the current trends in education, health, water, sanitation, and child protection.

As a contribution to these efforts, Community Systems Foundation (CSF) created and hosted an online adaptation of the database and developed interactive data dashboards to track UNICEF CEE/CIS priorities over time.

In 2018, CSF helped counterparts design a complete portal to manage data, dashboards, content publications and events that have occurred throughout the year. In addition, CSF assisted with support and maintenance of the TransMonEE portal.

Features

- Design portal to manage content publications and events
- Support and maintenance to help update the database with new updates as they become available
- Webinars and trainings to show users how to use the portal and how to update information and manage the databases

Benefits

- Reliable access to key performance indicators in a uniform data repository for all CEE/CIS countries
- Timely access to data trends spanning the period of 1992 to 2016 for key indicators
- Data analytics used to convert large volumes of data into visualizations on key trends and gaps

Facts

Stakeholder	UNICEF CEE/CIS
Area	CEE/CIS
Time Period	2017-Present
Topics	Monitoring the situation of Women and Children in Central and East
Link	
Reference	Siraj Mahmudlu, UNICEF CEE/CIS
Project Administrator	Christopher Tongbram cgtongbram@dataforaall.org

Budget

USD	.01221 million
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OpenEMIS Kyrgyzstan Part A

OpenEMIS Kyrgyzstan Scoping Mission and Pilot



In 2018, OpenEMIS technical staff met with counterparts from the Ministry of Education and Science (MoES) to discuss implementation of an OpenEMIS pilot project in Kyrgyzstan.

During the one week mission, Community Systems Foundation conducted a needs assessment to inform the implementation of OpenEMIS in Kyrgyzstan. The mission included discussions around nationwide deployment of OpenEMIS and training for key Ministry personnel on OpenEMIS Core.

Following meetings with the Education and Science Minister on supporting the monitoring of the Education Sector Strategy and the visualization of data through OpenEMIS Dashboard Builder, piloting of OpenEMIS commenced. OpenEMIS technical team has provided backstopping to the Ministry through the pilot phase activities.

Features

- Needs assessment through robust interviews with stakeholders
- Data collection tools analysis offers multiple possible scenarios, and advantages of each
- OpenEMIS Monitoring demonstration to track progress and promote accountability and transparency

Benefits

- Advisory mission lays groundwork for OpenEMIS installation while simultaneously preparing broad roadmap for defining and targeting national education information management goals
- Allows for OpenEMIS to be deployed in most effective manner

Facts

Stakeholder	UNICEF Kyrgyzstan
Area	Kyrgyzstan
Time Period	2018
Topics	Education
Link	Database, online platform, dashboard, mobile application
Reference	
Project Administrator	Karl Turnbull kturnbull@openemis.org

Budget

USD .025039 million

Govt Belize DFA

Visualizing Data Using the Data For All Toolkit



The BelizeInfo platform was developed in 2017 to provide socioeconomic data on citizen security. This includes indicators on crime and justice, economy and labour, education and skills, health, physical environment and social and community context.

In 2018, the Belizean Ministry of Human Development, UNICEF and Community Systems Foundation collaborated to transition BelizeInfo, a DevInfo adaptation, to a data management and dissemination system through the Data For All (DFA) toolkit.

Building from an online and evidence-based data warehouse and dissemination platform with a broad range of indicators on the the status of children in Belize, CSF technical staff assisted key counterparts from several Ministries in Belize to visualize and disseminate data on the National Children’s Agenda through online interactive dashboards. Through the Belize NCA Workshop, counterparts increased their capacity on the DFA Data Warehouse and DFA Dashboard Builder to make it possible to analyze social policies and understanding the current trends in child protection.

Features

- Managing centralized database internally through DFA DataManager
- Utilizing DFA Dashboard to manage dissemination of data

Benefits

- DFA Data Manager Admin Tool and database admin system
- Creation of dashboards and managing them without having to know coding languages

Facts

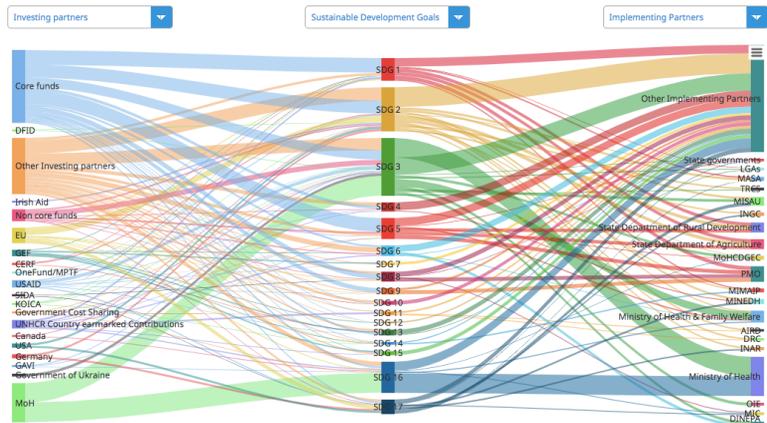
Stakeholder	UNICEF Belize
Area	Belize
Time Period	2018
Topics	Children, Gender
Link	http://ncfc.org.bz/
Reference	Mark Antrobus social.planner@human-dev.gov.bz
Project Administrator	Christopher Tongbram cgtongbram@dataforall.org

Budget

USD	0.04139 million
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UN Info Online

A monitoring and reporting tool for national UN development frameworks



Community Systems Foundation, in collaboration with UNDCO, developed UNInfo, an online tool for planning, monitoring and reporting on national UN Development Action Frameworks and Business Operations Strategies (UNDAF + BoS).

UN Country Teams prepare Development Action Frameworks and Business Operations Strategies in order to implement activities that will accelerate national development priorities. They use results-based management to plan, cost, implement, monitor, and measure collaborative interventions with various stakeholders. These require clear indicators, time-bound targets, and clearly defined responsibilities for all stakeholders.

The UNInfo system serves to make national strategic frameworks more accessible, link them to data for monitoring, and help UN agencies coordinate their collaborative activities. The system also improves the transparency and accountability of UN initiatives, by making the UN's work at the country, regional and global level publicly accessible.

Features

- Tool monitors indicators according to preestablished baselines and targets
- Administration Module enables administrator to set the basic configurations for UNDAF/BOS
- Comprehensive national and global dashboard helps to visualize trends
- Canned reports output fixed formatted fields; Report Builder can be used to generate custom reports

Benefits

- Increases coordination and transparency among UN Agencies
- Improves effectiveness of UN agencies, with focus on KPIs in a public, interactive dashboard;
- Tool assembles multi-country UNDAF data relevant to the SDGs, targets and indicators

Facts

Stakeholder	UNDOC
Area	Global
Time Period	2016-Ongoing
Topics	Results based Monitoring
Tools	Monitoring tool, Dashboard, Reports, Portal, 3W Map
Link	http://uninfo.org/
Services	Field Reference Group Meetings, Webinars
Reference	Carolina Azevedo UNDOC
Project Administrator	Jeeveeta S. Agnihotri, jsagnihotri@dataforall.org

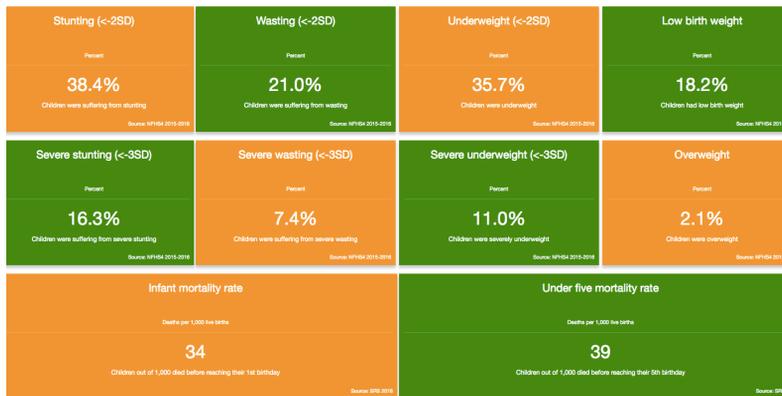
Budget

USD	0.514 million
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UNICEF India Nutrition Phase 3

Web portal for real-time anemia and nutrition monitoring

Child Survival, Growth and Development



Community Systems Foundation developed the Nutrition India portal, dashboards and mobile applications to provide information on major country-level targets towards reducing the prevalence of anemia, stunting, wasting and low-birth weight, among other factors.

In 2017, UNICEF and the Government of India commissioned the creation of a web-based platform for nutrition-focused decision making by program managers.

In 2018, Community Systems Foundation helped develop an umbrella portal to allow users access to all products under Nutrition India – these include NutritionIndia and Anemia Mukh Bharat. The dashboards and mobile applications house key data from the Health Management Information System, National Family Health Survey and Census India.

These data dissemination tools disaggregate data across time periods for various social groups, provide online interactive maps and graphs with profiles featuring progress at the national, state, and district level.

Information for key indicators can be downloaded as data profiles, shared in quarterly progress reports, or presented using a variety of resource materials for advocacy and strategic decision-making.

Features

- NutritionIndia data portal created with WordPress CMS and Android-based tools that house user-friendly interactive map and visualizations
- Disaggregated data shared in regional profiles, displaying data on key performance indicators

Benefits

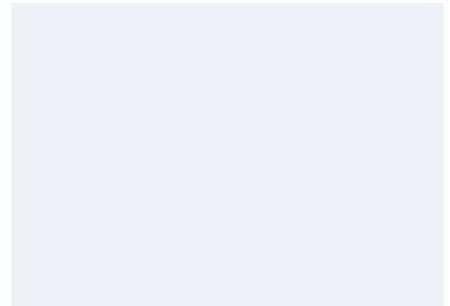
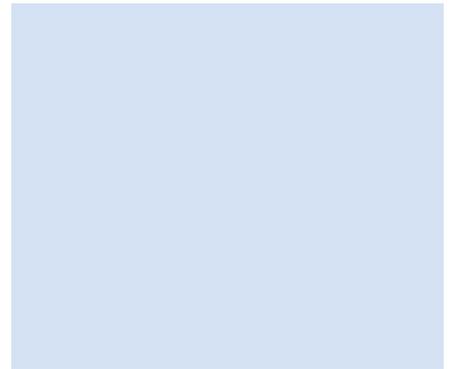
- Live monitoring tool, featuring an information repository of easy-to-access and easy-to-share advocacy materials.
- Enables managers, donors, partners and users to find relevant information on targets achieved quickly and easily

Facts

Stakeholder	UNICEF India
Area	Nutrition
Time Period	2017-Present
Topics	Nutrition
Link	https://www.nutritionindia.info/
Reference	Vani Sethi, Nutrition Specialist, UNICEF India, vssethi@unicef.org
Project Administrator	Christopher Tongbram cqtongbram@dataforall.org

TRIPP

Measuring sanitation through WSSCC



Stakeholder
Area
Time Period
Topics
Link
Reference

Project
Administrator

USD

ASMAN - Alliance for Saving Mothers and Newborn

An initiative to improve quality of care for mothers and newborns in India



Project ASMAN, an internet of things initiative, leverages multiple technology-based healthcare innovations to support safe health outcomes through and childbirth and to improve maternal and new-born health.

A partnership between the Reliance Foundation, Bill & Melinda Gates Foundation, MSD for Mothers, Tata Trusts and the United States Agency for International Development (USAID), Project ASMAN aims to facilitate the availability of quality healthcare under the five pillars of the Government of India's Reproductive, Maternal, Newborn, Child and Adolescent Health Programme (RMNCH+A).

ASMAN is an initiative for effectively driving the use of evidence-based best practices that reduces early maternal and newborn mortality by leveraging technology. The key stakeholders of this initiative are Government of Madhya Pradesh and Rajasthan. This project is being piloted in four districts each of Madhya Pradesh and Rajasthan, covering 42 and 39 facilities respectively. Jhpiego is the lead implementation agency. The technology partner for ASMAN application is Avalon Information Systems.

Salient components of ASMAN application are:

1. Case Management
2. Dashboard, Registers and reports
3. Safe Delivery App by Maternity Foundation
4. Remote Support Center

Features

- Android-based labor monitoring tool to increase the clinical competency of health workers
- Increases health worker capacity with partographs, gamification techniques, and other innovations
- Interactive, user-friendly design
- Remote Support Centre
- Data analytics based on the health information input over time

Benefits

- Tool increases health worker competency to reduce maternal and neonatal mortality
- Timely monitoring of the progress of labor of pregnant women and assisting her for managing complications
- Data collection supports health analytics at the worker- and facility-level, or aggregated regionally.

Facts

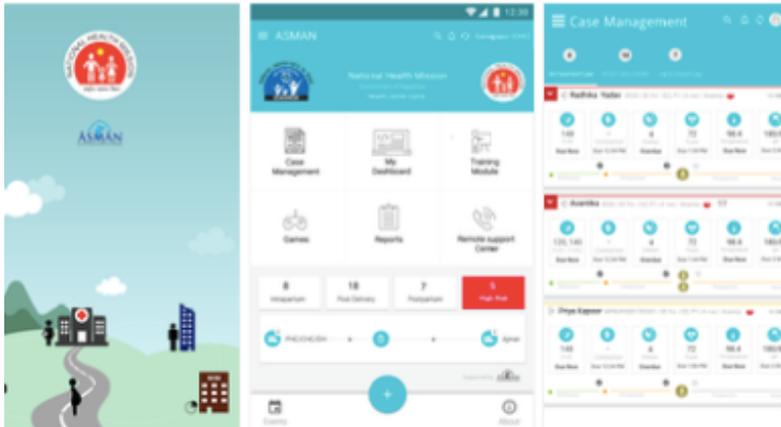
Stakeholders	Govt. of Madhya Pradesh and Rajasthan
Alliance Partners	USAID, Reliance Foundation, Tata Trusts, MSD for Mothers, Bill and Melinda Gates Foundation
Area	India – Madhya Pradesh and Rajasthan
Time Period	2017-2020
Topics	Maternal and Neo-Natal Mortality
Tools	Android Application
Reference	Dr. Neeraj Agrawal, Deputy Country Director – Jhpiego Neeraj.Agrawal@jhpiego.org
Project Administrator	Jeeveeta Agnihotri jagnihotri@dataforall.org

Budget

USD	1.4 million
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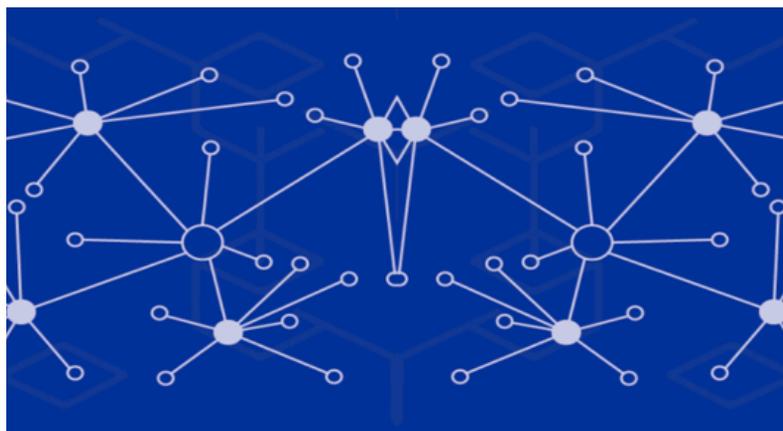
Stakeholders	Govt. of Madhya Pradesh and Rajasthan
Alliance Partners	USAID, Reliance Foundation, Tata Trusts, MSD for Mothers, Bill and Melinda Gates Foundation
Area	India – Madhya Pradesh and Rajasthan
Time Period	2017-2020
Topics	Maternal and Neo-Natal Mortality
Tools	Android Application
Reference	Dr. Neeraj Agrawal, Deputy Country Director – Jhpiego Neeraj.Agrawal@jhpiego.org
Project Administrator	Jeeveeta Agnihotri jagnihotri@dataforall.org

Budget

USD	1.4 million
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BIRAC HealthChain

Strengthening the Indian Health Sector through Blockchain Technology



The BIRAC HealthChain initiative will support public health decisions in India by providing an immutable data ledger through blockchain technology in critical health interventions. This system will also enable a robust results-based financing mechanism India's health sector.

Through an immutable distributed ledger, the HealthChain will revolutionize the converge of immunization data and will provide the public health system with both a large series of key performance indicators and specific detailed beneficiary information.

By conducting an initial needs assessment mission, developing a proof-of-concept blockchain system and implementing a small-scale pilot project, the BIRAC HealthChain aims to transform the health of women and children in India by providing transparent and accountable health information and by utilizing a results-based financing method.

Features

- Conducting a needs assessment analysis to analyze available immunization data
- Field testing an open-source blockchain solution in selected communities, sub-sectors and sectors.
- Results-based financing

Benefits

- Accountable and transparent use of health data to help reduce the problems related to poverty and inequality
- Narrow the information gap in immunization programme implementation by bringing together vaccine coverage and consumption data

Facts

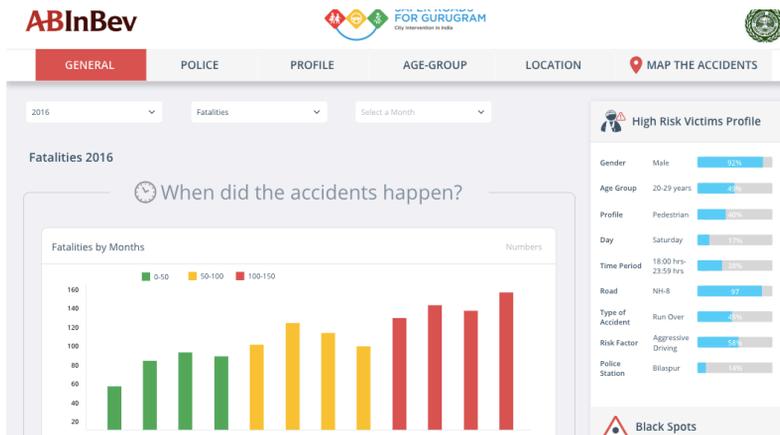
Stakeholder	BIRAC India
Area	India
Time Period	2018-Present
Topics	Health
Link	http://www.birac.nic.in/index.php
Reference	
Project Administrator	Sumeet Mahajan smahajan@dataforall.org

Budget

USD .120 million

AB in Bev – Safer Roads for Gurugram

Improving Road Safety in Gurugram through Real-Time Data-Dashboards



Avalon developed the AB in Bev – Safer Roads for Gurugram initiative to provide a cross industry solution which aims to bring together key stakeholders to improve road safety conditions.

Through the AB in Bev project, Avalon designed information output in the form of prototype data dashboard with multiple views. These include views for the general public and the police and by profile, age-group and location. The dashboard will also provide data on where the accidents took place in Gurugram. This can be used to better understand where accidents are occurring.

The dashboard will be updated on a quarterly basis for 2019.

This dashboard and visualizations will enable stakeholders to better understand where accidents happening and enable local stakeholders to take action on road safety conditions.

Features

- Mock-up data dashboard
- Real-time data dashboard
- Quarterly data updates
- 3W Mapping
- Admin, User, Police Panel views

Benefits

- The data dashboard will be used to bring together key stakeholders
- Accessible indicators will enable the improvement of road safety in Gurugram
- User-friendly interfaces

Facts

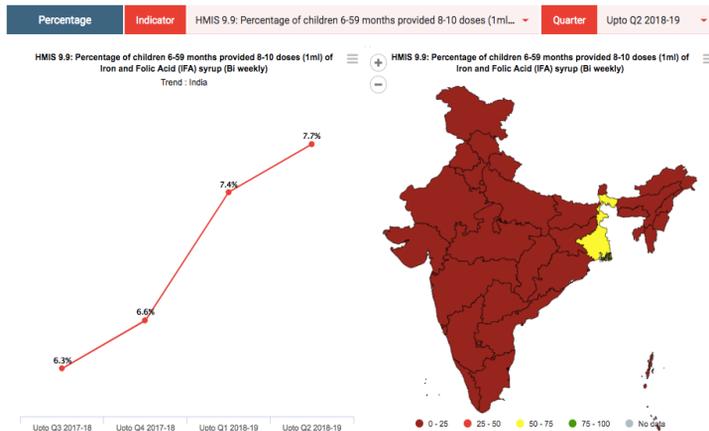
Stakeholder	Ab in Bev
Area	India – Gurugram
Time Period	2018-2019
Topics	Road Safety
Project Administrator	Vishakha Vaidywan vaidywan@avaloninfo.sys.com

Budget

USD

Anemia Free India

Web portal for real-time monitoring Anemia Indicators



Avalon developed the Anemia Free India dashboard and mobile application to provide information on major country-level targets towards reducing the prevalence of anemia.

In 2017, UNICEF and the Government of India commissioned the creation of a web-based platform for nutrition-focused decision making by program managers. The project aims to facilitate monitoring of nutrition data to ultimately achieve a 50 percent in anemia prevalence by 2022. The dashboard displays key data from the Health Management Information System, National Family Health Survey, and Census India. It provides online interactive maps and graphs in a user-friendly manner, with profiles featuring progress at the national, state, and district level.

The dashboard and mobile application disaggregate data across time periods for various social groups. Information for key indicators can be downloaded as data profiles, shared in quarterly progress reports, or presented using a variety of resource materials for advocacy and strategic decision-making.

Features

- WordPress CMS and Android-based tool with user-friendly interactive map and visualizations
- Disaggregated data shared in regional profiles, displaying data on key performance indicators
- Data can be structured as profiles, shared as progress reports, and accessed through other tools

Benefits

- Live monitoring tool, featuring an information repository of easy-to-share advocacy materials.
- Serves as a one-stop shop for managers, donors, partners and users to find relevant information on targets achieved.

Facts

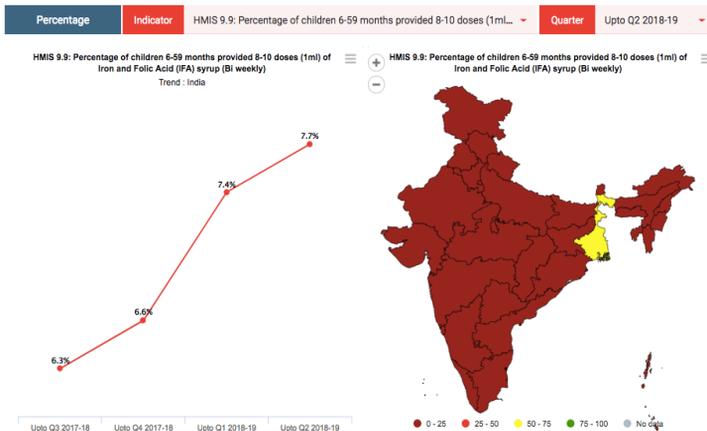
Stakeholder	UNICEF
Area	India
Time Period	2017-Present
Topics	Nutrition
Tools	Web dashboard, Mobile Application
Services	Graphic design, data analytics, platform support and maintenance
Reference	Vani Sethi, Nutrition Specialist, UNICEF India, vsethi@unicef.org
Project Admin	Jeeveeta Agnihotri jagnihotri@communitysystemsfoundation.org

Budget

USD	0.002 million
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Facts

Stakeholder	UNICEF
Area	India
Time Period	2017-Present
Topics	Nutrition
Tools	Web dashboard, Mobile Application
Services	Graphic design, data analytics, platform support and maintenance
Reference	Vani Sethi, Nutrition Specialist, UNICEF India, vsethi@unicef.org
Project Admin	Jeeveeta Agnihotri jagnihotri@communitysystemsfoundation.org

Budget

USD	0.002 million
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