

DevInfo

Facts. You decide.

DevInfo Facts. You decide.

Challenge

Milestones

Standards

Partnerships

Tour

MDG Monitoring

Aid Effectiveness

EmergencyInfo

DevInfo.org



Census

Population census once every decade



Surveys

Periodic household surveys on various topics



Records

Administrative records from various government departments



Reports

Flagship reports by international agencies with detailed analysis of specific development issues

The challenge in monitoring human development initiatives is to accommodate diverse approaches in monitoring. They vary in terms of the population covered, scope of study, and periodicity of collecting information. Population censuses are comprehensive and provide a wealth of social and economic information for the entire population. They are done once every decade. Surveys are conducted more frequently than censuses. However, they often target a sample of respondents and focus on specific topics such as health or education. Routine data from administrative records provide data on a frequent basis but there are problems in both access and data quality. Apart from all these sources, there are reports by international agencies such as the Human Development Report and the State of World's Children Report. These reports focus on key themes and are usually published annually.


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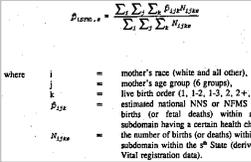
Experts

Estimates, correction factors and expert opinions by statisticians



Languages

Data produced and distributed in many languages



Complexity

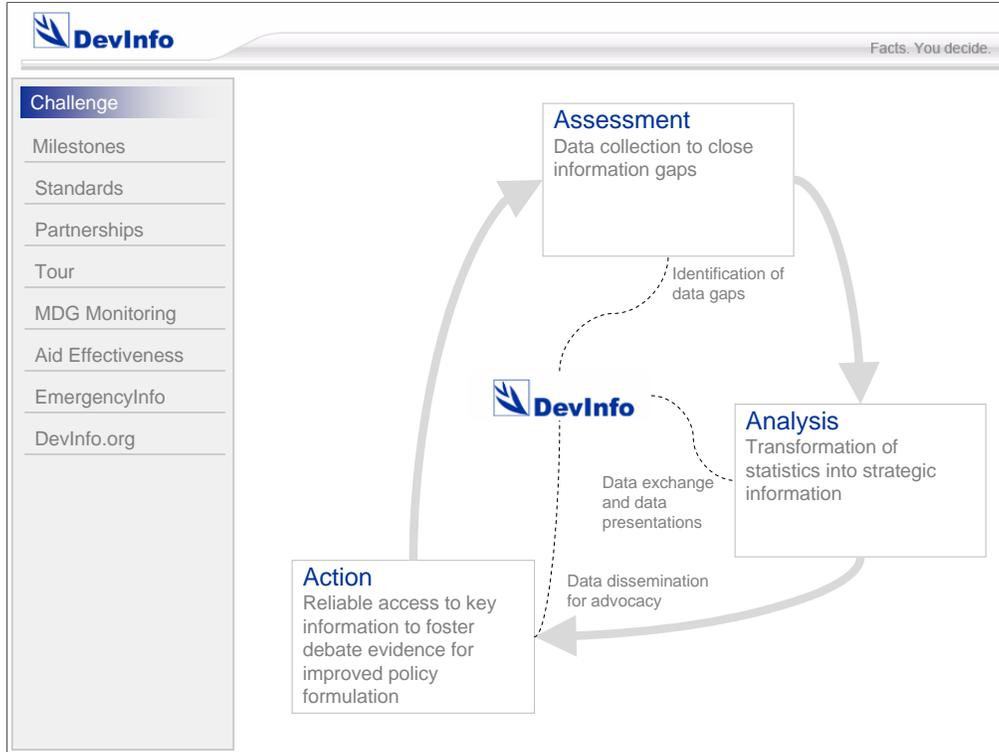
Complex issues in calculating and comparing data over time and between regions

Another challenge is with respect to data quality. Data is subject to interpretation by experts. The estimates, correction factors and opinions by statisticians vary, resulting in different data values for the same phenomenon. There are many languages used in producing and distributing data. Such diversity leads to complexity in calculating and comparing data over time and between regions.

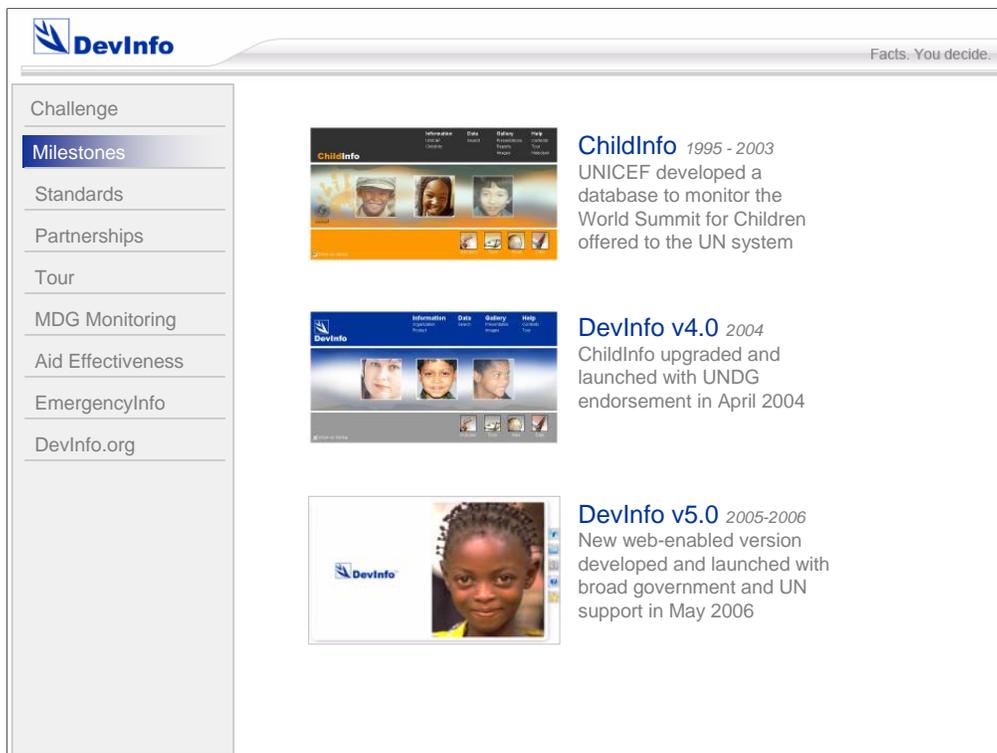
The screenshot shows the DevInfo website interface. On the left is a vertical navigation menu with the following items: Challenge (highlighted), Milestones, Standards, Partnerships, Tour, MDG Monitoring, Aid Effectiveness, EmergencyInfo, and DevInfo.org. The main content area is divided into three sections:

- Member States:** A collage of various national flags. Text to the right: **Member States**
National statistics organizations, decision-makers, mass media, general public
- United Nations:** Logos for UN, UNDP, UNICEF, UN Women, and UNFPA. Text to the right: **United Nations**
United Nations agencies with specific focus areas
- Development Agencies:** Logos for the European Union, Sida, DFID, JAPAN, ICRC, and USAID. Text to the right: **Development Agencies**
Bilateral and multilateral development agencies each with their own priorities

There is a challenge in terms of the diversity of the audience. Diversity exists in terms of agencies involved in monitoring human development, as well as the end users of the monitoring information. Member States are both producers and users of data. National statistics organizations, government planners and members of civil society are all examples of this diversity. Then there is a broad range of UN agencies, each with their own focus areas. We also have many development agencies, both bilateral and multilateral, each with their own priorities.



The challenge is to promote data use and foster debate for social policy formulation. This requires a strong emphasis on turning human development statistics into strategic information for decision making. An opportunity to meet this challenge is to leverage the work of UN Country Teams to assist national authorities with an assistance framework for strategic information management.



Over the years, DevInfo has crossed many important milestones.

It started in the 1990s as ChildInfo, a database system used by UNICEF to monitor the World Summit for Children.

In 2002, UNICEF offered ChildInfo to the UN system as a database system model for monitoring the MDGs.

In April 2004 DevInfo 4.0 was launched with endorsement by the United Nations Development Group.

In April 2006, DevInfo 5.0 was launched with options for use of the system on both desktops and the internet.

DevInfo Facts. You decide.

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MDG Monitoring

Aid Effectiveness

EmergencyInfo

DevInfo.org



Common Database

State-of-the-art database technology with royalty-free distribution



UN Endorsement

Endorsed by the United Nations to assist Member States in Monitoring human development



MDGs

Designed to assist in monitoring the Millennium Development Goals and other national plans of action

DevInfo employs state-of-the-art technology and is available both as a stand alone and on the internet. Its distribution is royalty-free, making it accessible to a broad range of users. DevInfo is endorsed by United Nations to be used by Member States to monitoring human development. It is designed to help monitor the Millennium Development Goals and other national plans of action.

DevInfo Facts. You decide.

Challenge

Milestones

Standards

Partnerships

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MDG Monitoring

Aid Effectiveness

EmergencyInfo

DevInfo.org



Indicators - SDMX
 Statistical data and metadata exchange (SDMX) ISO/TS 17369:2005 developed by BIS, ECB, EUROSTAT, IMF, OECD, UN and World Bank



Sources - DDI/DC
 Data Documentation Initiative (DDI) / ISO 11179 and Dublin Core (DC) ISO 15836:2003 Information and documentation



Digital Maps - UNGIWG
 Geographic information metadata ISO 19115:2003

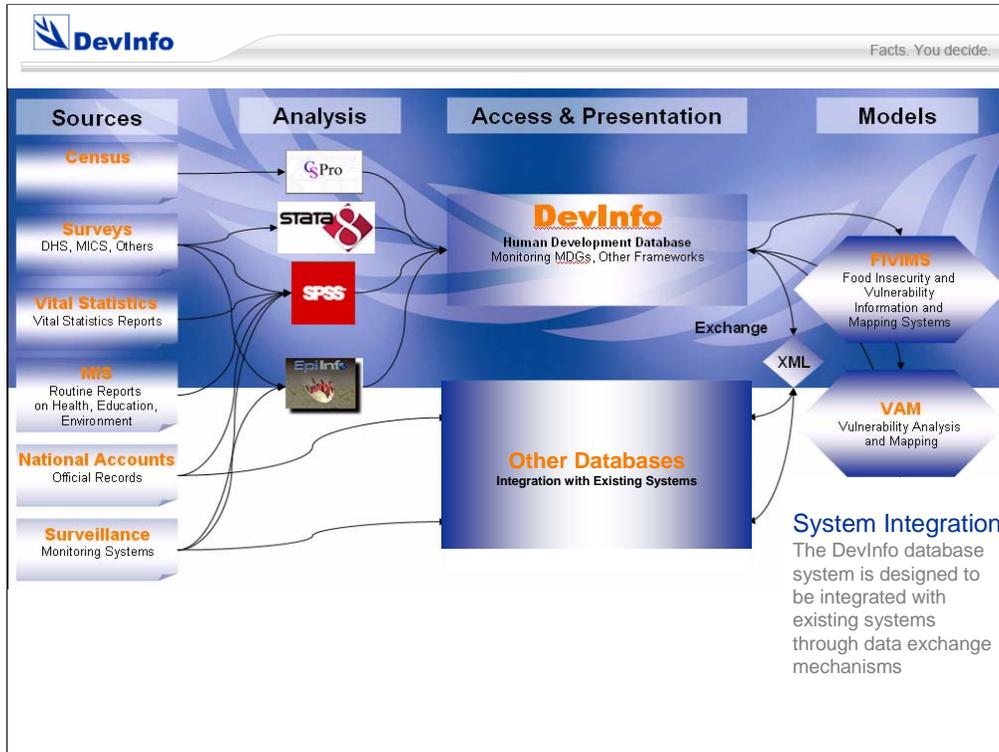
DevInfo is compliant with emerging international standards and thus resolves data quality issues.

ISO-compliant metadata makes it possible to compare data across international settings.

It uses the SDMX standard for storing metadata on indicators.

Metadata on data sources is compliant with the Data Documentation Initiative standard.

Metadata on the digital maps adheres to the ISO 19115 standard recommended by the United Nations Geographic Information Working Group.



DevInfo allows incorporating data from standard statistical applications.

These applications are commonly used for analyzing data sources from censuses and household surveys.

DevInfo can import data from existing database systems using XML for data interchange.

DevInfo Facts. You decide.

- Challenge
- Milestones
- Standards
- Partnerships**
- Tour
- MDG Monitoring
- Aid Effectiveness
- EmergencyInfo
- DevInfo.org





5000+ Trained
 More than 5000 professionals have been trained in the use of DevInfo for improved statistical literacy and database administration

More than 5000 professionals have been trained in the use of DevInfo through efforts supported by the United Nations and Member States.

The image shows a screenshot of the DevInfo website. On the left is a vertical navigation menu with the following items: Challenge, Milestones, Standards, Partnerships (highlighted in blue), Tour, MDG Monitoring, Aid Effectiveness, EmergencyInfo, and DevInfo.org. The main content area features a grid of 18 customized database dashboards, each with a unique color scheme and header. These dashboards represent different organizations and their specific data needs, including:

- Info (purple)
- DevInfoTunisia (green)
- URBAN info (blue)
- WHO (red)
- OSD (red)
- IFRC info (blue)
- UNESCO (green)
- UNICEF (blue)
- unicef (blue)
- Info (yellow)
- Info (green)
- MDG Info 2008 (blue)
- Info (blue)
- Info (orange)
- Info (yellow)
- Info (orange)

Customized Databases
 More than 80 national statistics organizations and other agencies have adapted DevInfo

More than 80 national statistics organizations and other agencies have adapted DevInfo database technology to meet their specific requirements.

DevInfo Facts. You decide.

CAMinfo - [Indicators]

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address localhost/CamInfo 1.0/CamInfo 2004 Version 1.mdb

CAMinfo Cambodia 2004

Indicators Time Areas Data

Sectors Goals Themes Sources Institutions Rights

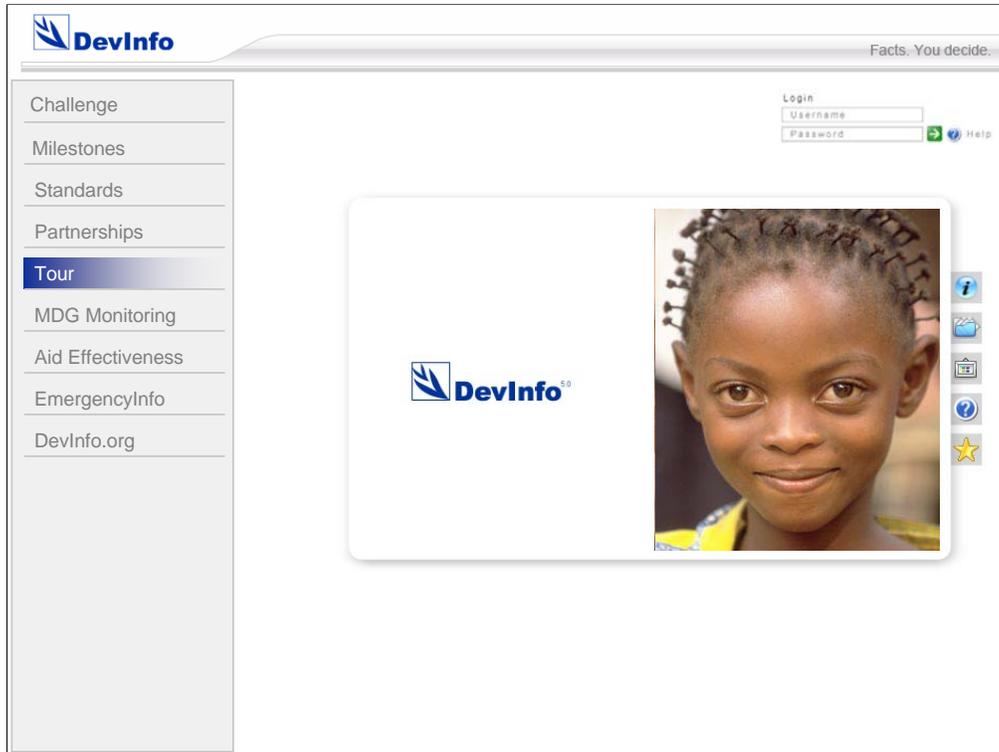
Goals Available

- Goals
 - A: Cambodia Millennium Development Goals
 - B: National Poverty Reduction Strategy 2003-2005
 - 1: Promoting Opportunities
 - 1.1: Maintaining Macroeconomic Stability
 - 1.2: Improving Rural Livelihoods
 - 1.3: Expanding Job Opportunities
 - 2: Expanding Capabilities
 - 3: Reducing Vulnerabilities
 - 4: Institutional Strengthening
 - C: Cambodia Nutrition Investment Plan 2003-2007
 - D: Education Sector Support Programme 2002-2006
 - E: Health Sector Strategic Plan 2003-2007
 - F: National Plan against Child Trafficking and Sexual Exploitation - 2000-2004
 - G: Education for All
 - H: Millennium Development Goals
 - I: Declaration of Commitment on HIV/AIDS
 - J: World Fit for Children

- Available
- Average paddy yield per hectare
- Employment by sector
- GDP annual growth rate
- Growth rate in real value added in agriculture
- Growth rate in real value added in industry
- Growth rate in real value added in service
- Landless households
- Non-agriculture employment
- Non-rice production as a percentage of total
- Poverty headcount ratio (% of population below \$1 a day)
- Production of fish
- Production of live animal
- Tax revenue as a percentage of GDP
- Unemployment rate
- Value of exports
- Value of exports as percentage of GDP

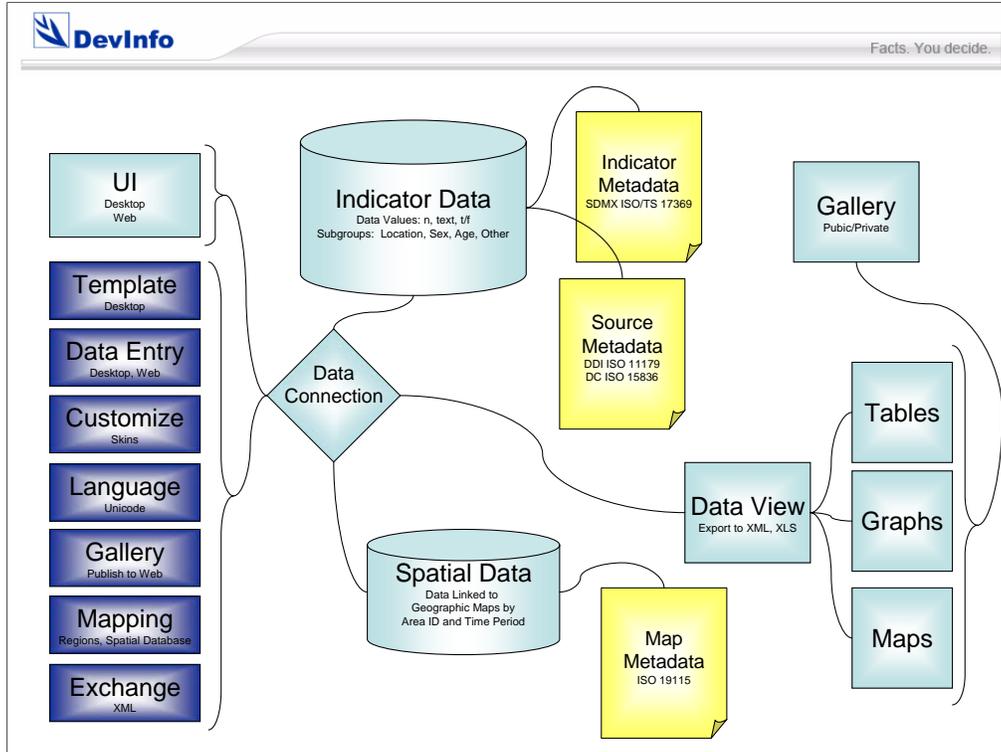
National Adaptation
CAM Info has integrated ten schemes for monitoring human development indicators, some international and some country-specific.

Here is an example of a national adaptation owned by Cambodia which has ten schemes for monitoring human development indicators, some international and some country-specific.

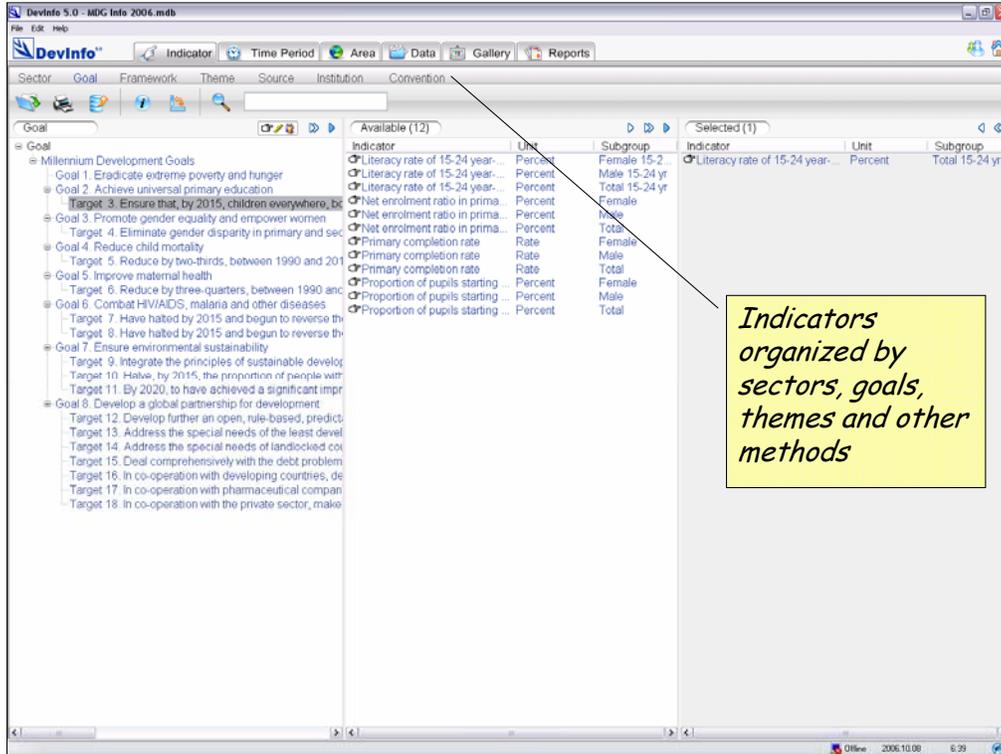


One of the important new features of DevInfo 5.0 is that it is deployed on both desktops and the internet.

DevInfo is distributed royalty-free. The system belongs to the United Nations.



Here is a system diagram of DevInfo. There are two software applications: DevInfo User Interface and DevInfo Database Administration.



Indicators are organized by sectors, goals, themes and other methods.

DevInfo 5.0 - MDG Info 2005.mdb

File Edit Help

DevInfo 5.0

Indicator Time Period Area Data Gallery Reports

View Source Unit

Table Wizard - Step 6 of 7

File Edit View Insert Format Tools Data Window Help Adobe PDF

A1 Infant mortality rate

Drag a column header here

Time Period	Area ID	Area Name	2003	1990	Subgroup
2003	LACCR1				Total
2003	LACHTI				Total
2003	LACHND				Total
2003	LACVGB	Antigua and Barbuda	11		Total
2003	LACGTM	Argentina	17	25	Total
2003	LACARG	Bahamas	11	24	Total
2003	LACECU	Barbados	11	14	Total
2003	LACDOM	Belize	33	39	Total
2003	LACJAM	Bolivia	53	88	Total
2003	LACCUB	Brazil	33	50	Total
2003	LACGUY	British Virgin Islands	18	28	Total
2003	LACCOL	Chile	8	17	Total
2003	LACCHL	Colombia	18	30	Total
2003	LACBRB	Costa Rica	8	15	Total
2003	LACBRA	Cuba	6	12	Total
2003	LACBOL	Dominica	12	19	Total
2003	LACBLZ	Dominican Republic	29	50	Total
2003	LACBHS	Ecuador	24	43	Total
2003	LACATG	El Salvador	32	48	Total
2003	LACDMA				Total
2003	LACSUR				Total
2003	LACURY				Total
2003	LACGRD				Total
2003	LACKNA				Total
2003	LACVEN	Venezuela	18		Total
2003	LACVCT	St Vincent and the Grenadines	23		Total
2003	LACTCA	Turks and Caicos Islands	22		Total
2003	LACTTO	Trinidad and Tobago	17		Total

Ready

Save Report Cancel Back Step 6 Next Finish

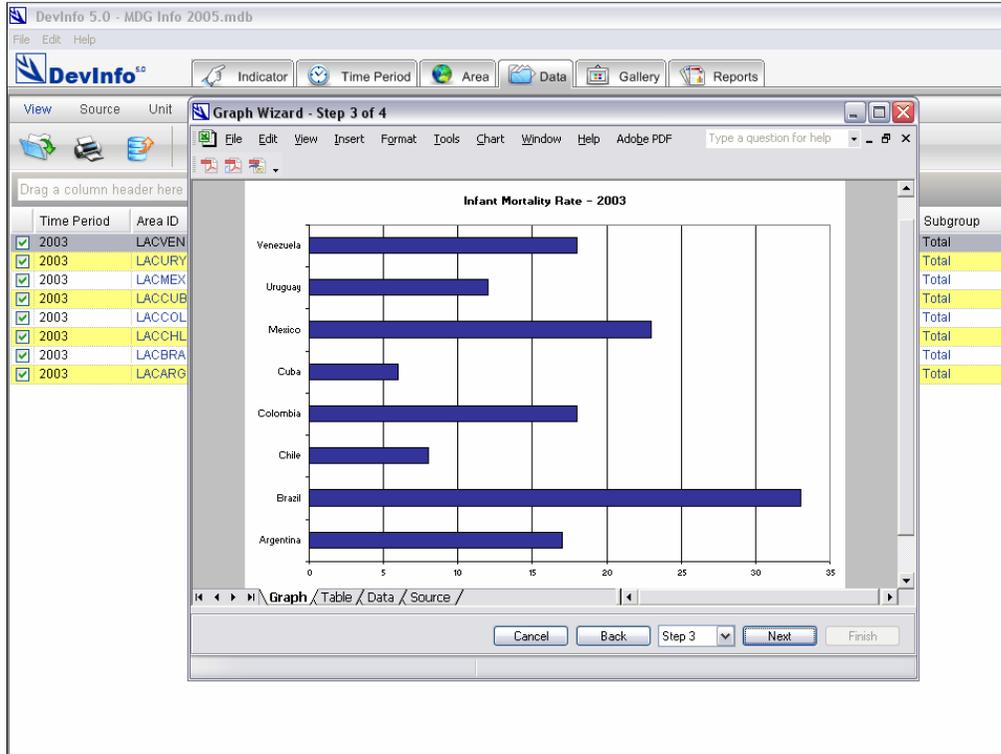
SCRL

Customized Tables

SAVE and SHARE customized reports

- Rapid Assessment
- Regular Situation Reports
- MDG Reports
- Poverty Reduction
- Sector Reports

DevInfo generates three types of presentations: tables...



Graphs...

DevInfo 5.0 - MDG Ind 2004.mxd

Indicator: Literacy rate of 15-24 year-olds | Data Value: 98.2 | Unit: Percent | Subgroup: Total 15-24 yr

Time Period	Area ID	Area Name	Indicator	Data Value	Unit	Subgroup	Source
2004	ASIMDV	Maldives	Literacy rate of 15-24 year-olds	98.2	Percent	Total 15-24 yr	UNSD_MDG_2006 Country Data
2004	ASITHA	Thailand	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASIKHM	Cambodia	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASILKA	Sri Lanka	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASIMMR	Myanmar	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASIVNM	Vietnam	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASILAO	Lao PDR	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
2004	ASIMYS	Malaysia	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Country Data
1990	ASIKHM	Cambodia	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASILAO	Lao PDR	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASIMYS	Malaysia	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASIBGD	Bangladesh	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASIMMR	Myanmar	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASILKA	Sri Lanka	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASITHA	Thailand	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASIVNM	Vietnam	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled
1990	ASIMDV	Maldives	Literacy rate of 15-24 year-olds				UNSD_MDG_2006 Modelled

Map Wizard - Step 3 of 5

Theme: Literacy rate of 15-24 year-olds

Legend:

- 42.0 - 83.4
- 83.5 - 95.6
- 95.7 - 98.2
- 98.2 - 98.2
- Missing Value

Layer: []

Features: []

Inset: []

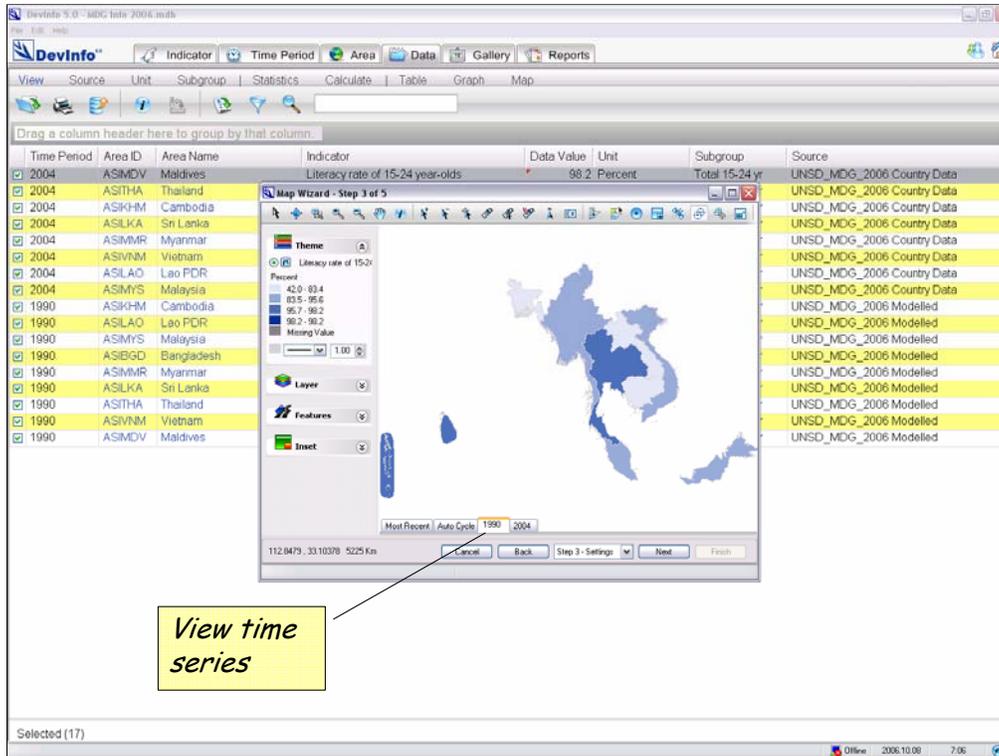
112.937, 32.92547 5225 Km

Panel with themes, layers, features, insets

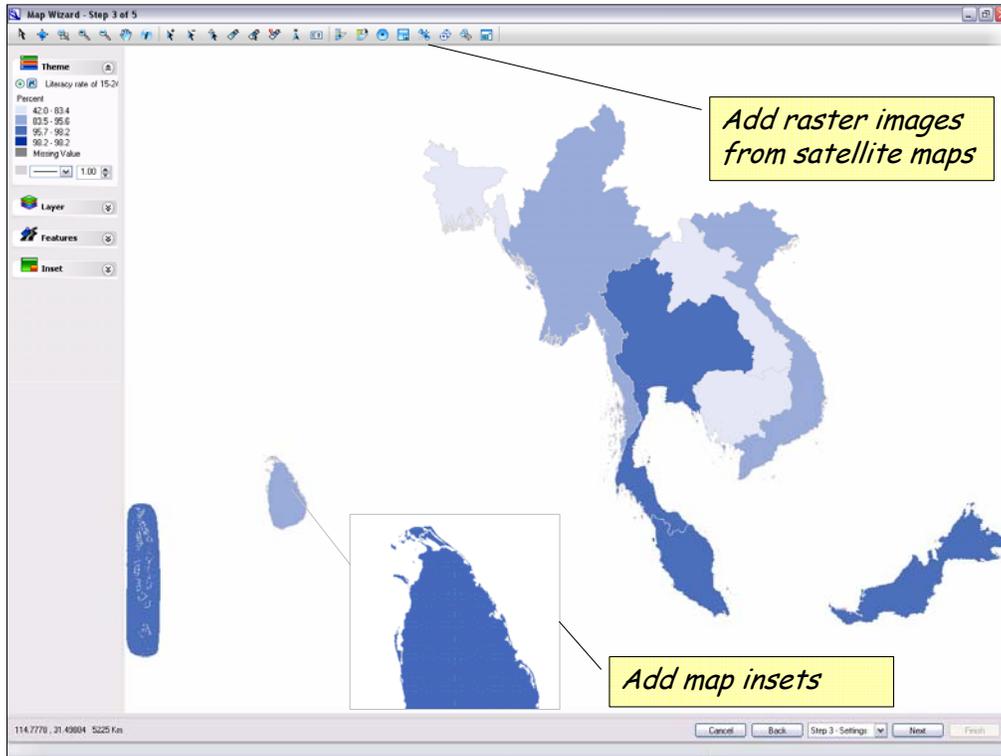
Selected (17)

Office 2006.10.08 7:02

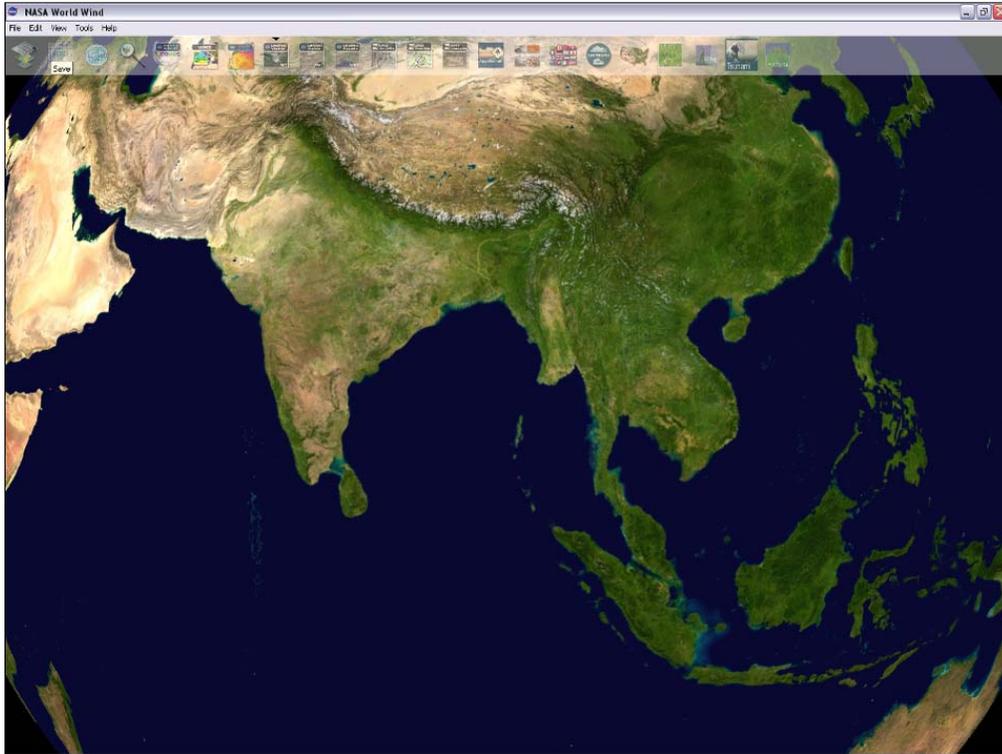
And maps.



A unique feature of DevInfo is the support to view a time series of maps.



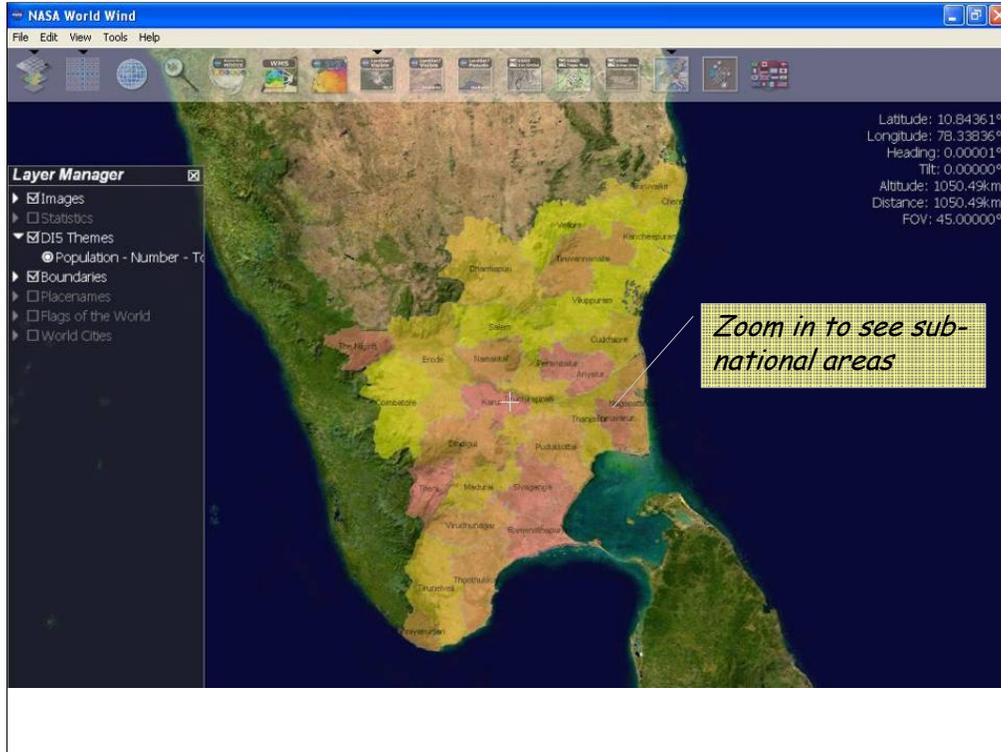
The new Map Wizard allows you to add map insets and raster images from satellite maps.



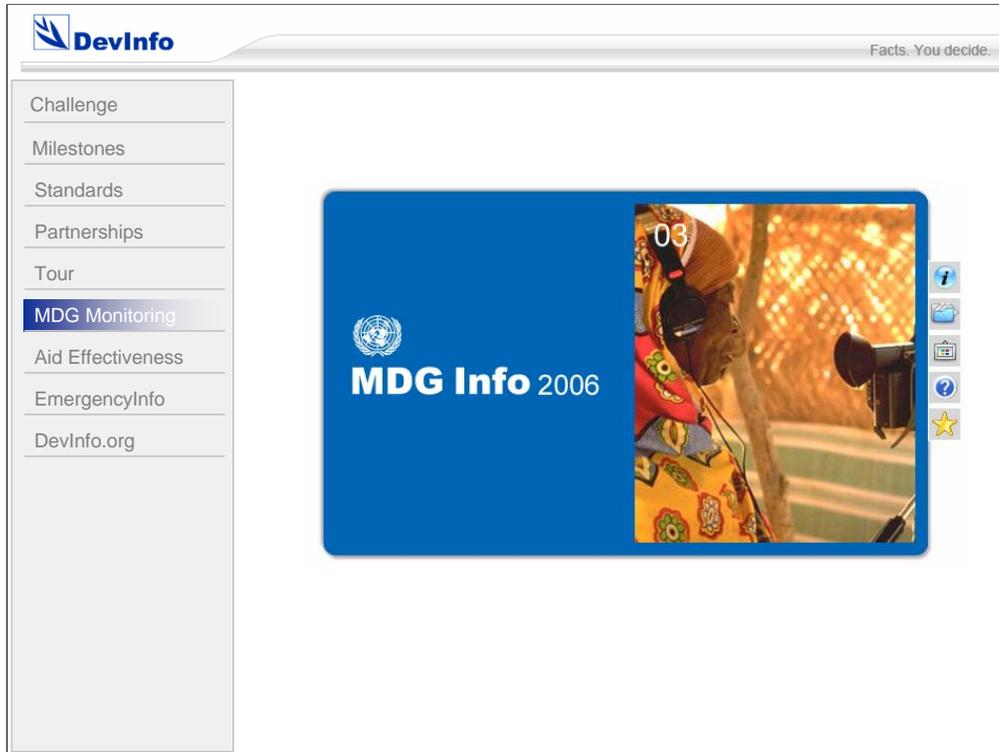
DevInfo is integrated with this raster mapping application.



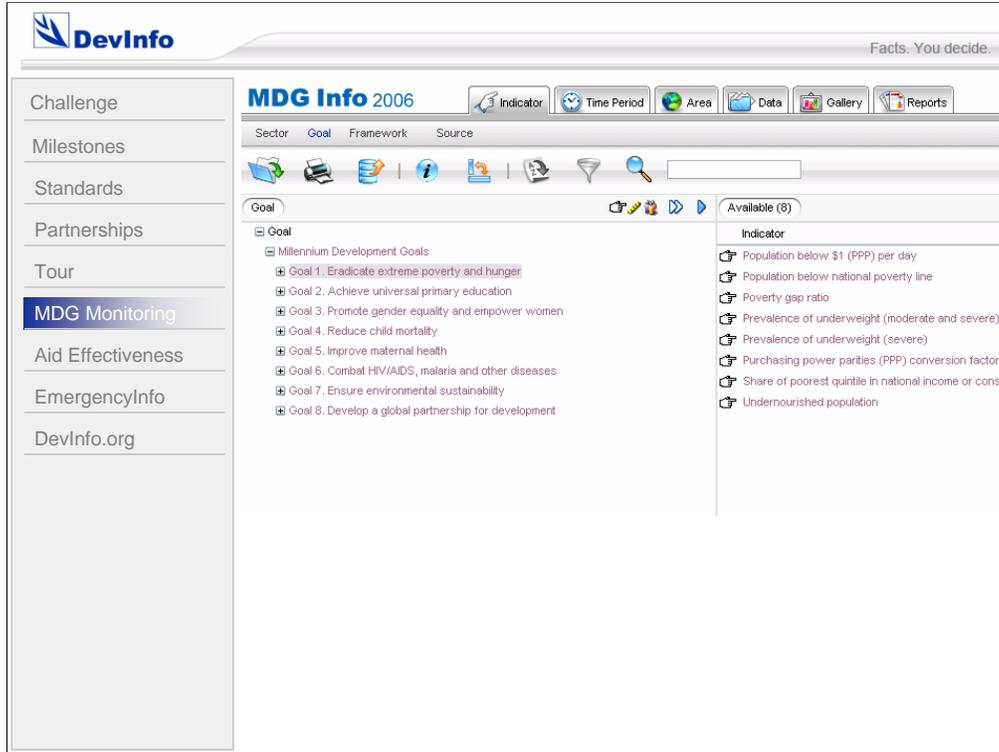
Here we see the DevInfo thematic map overlaid on the raster map.



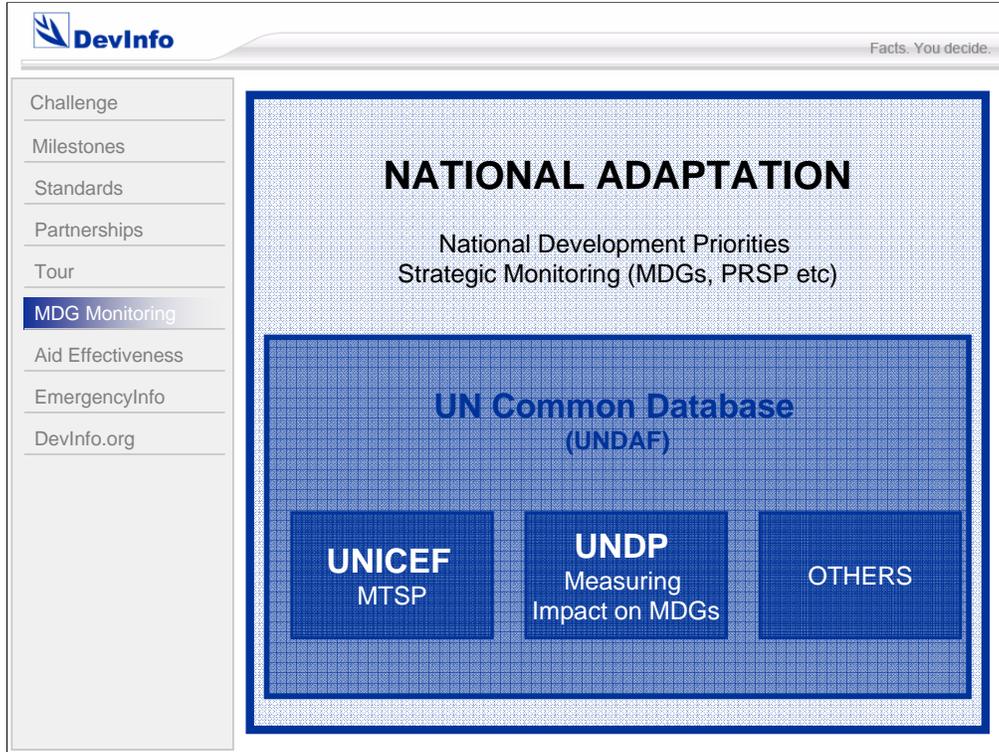
You can zoom in to see sub-national areas (where data exist).



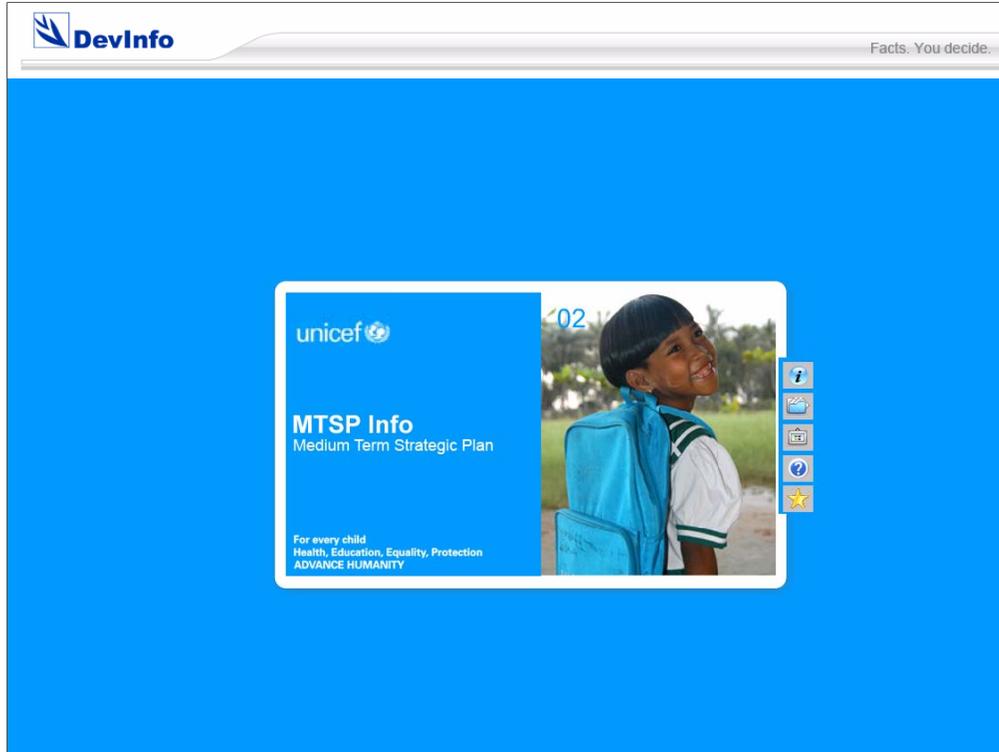
DevInfo is being used to monitor the MDGs. The official UN Statistics Division MDG monitoring data are disseminated in DevInfo format.



The MDG Info 2006 database was distributed at the UN General Assembly (Sep 2006) with the UN's 2006 progress report on MDGs.



In many countries, DevInfo is being used by the UN Country Team to create a UN Common Database under the UN Development Assistance Framework. This database is fine-tuned to address national development priorities and to monitor strategic development indicators, such as MDGs, PRSP, etc. The database is used by UN agencies to monitor specific areas of interest.



This approach can be used to integrate the UN Country Team’s efforts to harmonize UN country programming. For example, UNICEF has adapted DevInfo to monitor its corporate Medium Term Strategic Plan. MTSP Info tracks UNICEF’s corporate commitment to children and its contribution to the overall development process through the MDGs.

DevInfo Facts. You decide.

FOCUS AREAS

MTSP Info
Medium Term Strategic Plan

For every child
Health, Education, Equality, Protection
ADVANCE HUMANITY

unicef



01
Young Child Survival and Development



02
Basic Education and Gender Equality



03
HIV / AIDS and Children



04
Child Protection from Violence, Exploitation and Abuse



05
Policy Advocacy and Partnerships for Children's Rights

KEY PERFORMANCE INDICATORS

MTSP Info
Medium Term Strategic Plan

For every child
Health, Education, Equality, Protection
ADVANCE HUMANITY

unicef



01
Human Resources



02
Finance



03
Information and Communication Technology

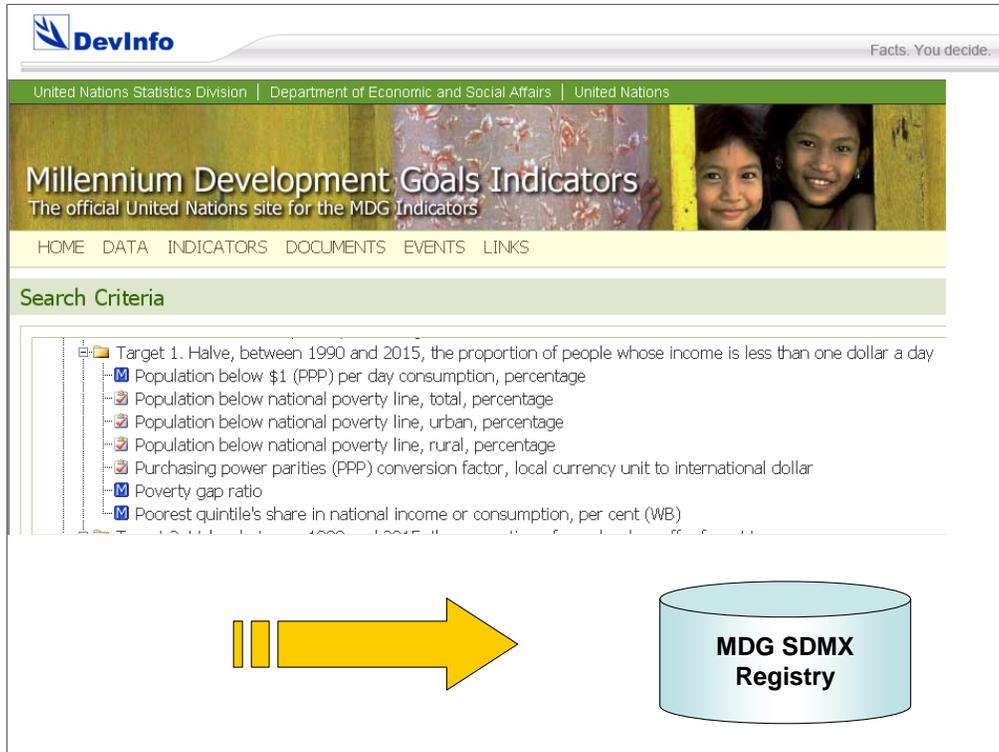


04
Supply



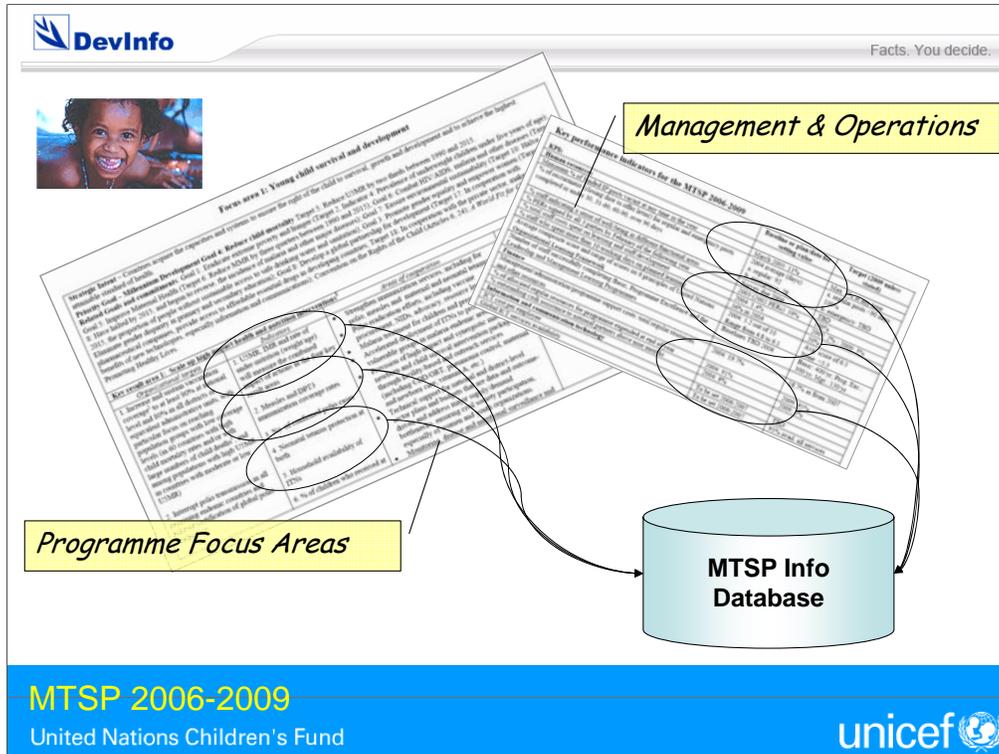
05
Programme and Programme Funding

MTSP Info tracks UNICEF's five focus areas mapped to the MDGs. The system also monitors five groups of key performance indicators.



The first step in creating MTSP Info was to gather all official United Nations information about the 48 MDG indicators and the metadata describing these indicators. These 48 indicator names were transformed key families using ISO-standardized code lists for the names of the indicators, the units of measurement and associated subgroups (sex, location, age group).

Note: The ISO standardization methods follow the UN-recommended SDMX compliant formats for data and metadata exchange.



Then this list of MDG indicators was augmented with MTSP indicators.

Focus area 1: Young child survival and development

Strategic Intent – Countries acquire the capacities and systems to ensure the right of the child to survival, growth and development and to achieve the highest attainable standard of health.

Priority Goal – Millennium Development Goal 4: Reduce child mortality Target 5: Reduce U5MR by two thirds between 1990 and 2015.

Related Goals and commitments. Goal 1: Eradicate extreme poverty and hunger (Target 2, Indicator 4: Prevalence of underweight children under five years of age); Goal 5: Improve Maternal Health (Target 6: Reduce MMR by three quarters between 1990 and 2015); Goal 6: Combat HIV/AIDS, malaria and other diseases (Target 8: Have halted by 2015, and begun to reverse, the incidence of malaria and other major diseases); Goal 7: Ensure environmental sustainability (Target 10: Halve, by 2015, the proportion of people without sustainable access to safe drinking water and sanitation); Goal 3: Promote gender equality and empower women (Target 4: Eliminate gender disparity in primary and secondary education); Goal 8: Develop a global partnership for development (Target 17: In cooperation with pharmaceutical companies, provide access to affordable essential drugs in developing countries; Target 18: In cooperation with the private sector, make available the benefits of new technologies, especially information and communications); Convention on the Rights of the Child (Articles 6, 24); *A World Fit for Children: Promoting Healthy Lives*.

Key result area 1: Scale up high-impact health and nutrition interventions¹

Organizational targets	Indicators	Areas of cooperation	Coverage focus
1. Increase and sustain vaccination coverage ² to at least 90% at national level and 80% in all districts or equivalent administrative units, with particular focus on reaching population groups with low coverage levels (in 60 countries with high child mortality rates and/or with large numbers of child deaths ³ , and among populations with high U5MR in countries with moderate or low U5MR) 2. Interrupt polio transmission in all remaining endemic countries and achieve certification of global polio eradication	1. U5MR, IMR and rate of under-nutrition (weight/age) will measure the combined impact of actions in the four key result areas 2. Measles and DPT3 immunization coverage rates 3. No. of confirmed polio cases 4. Neonatal tetanus protection at birth 5. Household availability of ITNs 6. % of children who received at	<ul style="list-style-type: none"> Strengthen immunization services, including for polio, measles and maternal and neonatal tetanus Polio eradication efforts, including vaccine procurement, NIDs, advocacy, resource leveraging Malaria treatment for children and pregnant women Accelerated deployment of ITNs to protect vulnerable groups in malaria-endemic areas Provision of high-impact and synergistic maternal, newborn and child survival intervention packages⁴ through facility-based and outreach services (including CDD-ORT, pneumonia control, maternal and newborn care, vitamin A, etc.) Technical support for national and district-level sector plans and budgets that are data- and outcome-driven and address major supply/demand bottlenecks, ensuring civil society participation, especially of women and youth organizations. Monitoring, disease and nutritional surveillance and 	60 countries with high U5MR in terms of rates or magnitude Also, subnational level populations with disproportionately high U5MR in countries with moderate or low U5MR Malaria-endemic countries and malaria-endemic regions within countries

MTSP 2006-2009

United Nations Children's Fund

Each Focus Area has a set of SMART indicators: Specific, Measurable, Achievable, Realistic and Timely.

The screenshot shows the DevInfo 5.0 interface for 'MTSP Info 2006 r5.mdb'. The 'Framework' section displays a diagram with five focus areas (1-5) and a list of indicators. A callout box points to the diagram with the text 'UNICEF's MTSP framework by five focus areas'.

Indicator	Unit	Subgroup
Condom use at last high-risk sex	Percent	Female 1...
Condom use at last high-risk sex	Percent	Male 15-2...
Proportion of 15-19 year-olds who had sex before the age of 15	Percent	Female 1...
Proportion of 15-19 year-olds who had sex before the age of 15	Percent	Male 15-1...
Proportion of HIV-infected children receiving ARV therapy	Percent	Total
Proportion of HIV-infected women receiving ARV therapy for their own infection	Percent	Total
Proportion of HIV-positive pregnant women receiving ARVs for PMTCT	Percent	Total
Ratio of school attendance of orphans to school attendance of non-orphans	Ratio	Total 10...
Young children orphaned and made vulnerable by HIV/AIDS receiving free basic ...	Percent	Total

Here is the MTSP Info customized framework organized by UNICEF's five focus areas.

DevInfo Facts. You decide.

UNICEF MTSP Programme Focus Area Indicators

DevInfo 5.0 - MTSP Info 2006 r5

Sector Goal Framework **MTSP** Source Partnership

MTSP Available (13)

Indicator	Unit	Subgroup
☑ Children born of HIV-positive mothers receiving co...	Percent	Total
☑ Confirmed polio cases	Number	Total
☑ High-USMR countries with medium-term expenditu...	Percent	Total
☑ Household availability of ITNs	Percent	Total
☑ Infant mortality rate	Deaths per 1000 live bir...	Total
☑ Neonatal tetanus protection at birth	Percent	Total
☑ Prevalence of underweight (moderate and severe)	Percent	Total <5 yr
☑ Proportion of 1 year-old children fully immunised a...	Percent	Total 1 yr
☑ Proportion of 1 year-old children immunised again...	Percent	Total 1 yr
☑ Proportion of population in malaria risk areas using...	Percent	Total <5 yr
☑ Proportion of under-five children with Acute Respir...	Percent	Total <5 yr
☑ Under-five mortality rate	Deaths per 1000 live bir...	Total
☑ Vitamin 'A' supplementation coverage	Percent	Total 6-59 mo

Selected Indicator Subgroup

5 classifications of programme focus area indicators

Each of the Focus Areas contains a set of key indicators.

DevInfo Facts. You decide.

Millennium Declaration

DevInfo 5.0 - MTSP Info 2006 r5.mdb

Indicator Time Period Area Data Gallery Reports

Sector Goal Framework MTSP Source Partnership

Goal

- Millennium Development Goals
 - Goal 1. Eradicate extreme poverty and hunger
 - Target 1. Halve, between 1990 and 2015, the proportion of the population living on less than one dollar a day
 - Target 2. Halve, between 1990 and 2015, the proportion of the population living on less than one dollar a day
 - MDG
 - MTSP YC Target 04. Increase to at least 90% by 2015
 - MTSP YC Target 06. Increase by at least 10 percentage points by 2015
 - Goal 2. Achieve universal primary education
 - Goal 3. Promote gender equality and empower women
 - Goal 4. Reduce child mortality
 - Goal 5. Improve maternal health
 - Goal 6. Combat HIV/AIDS, malaria and other diseases
 - Goal 7. Ensure environmental sustainability
 - Goal 8. Develop a global partnership for development
 - Other Millennium Declaration

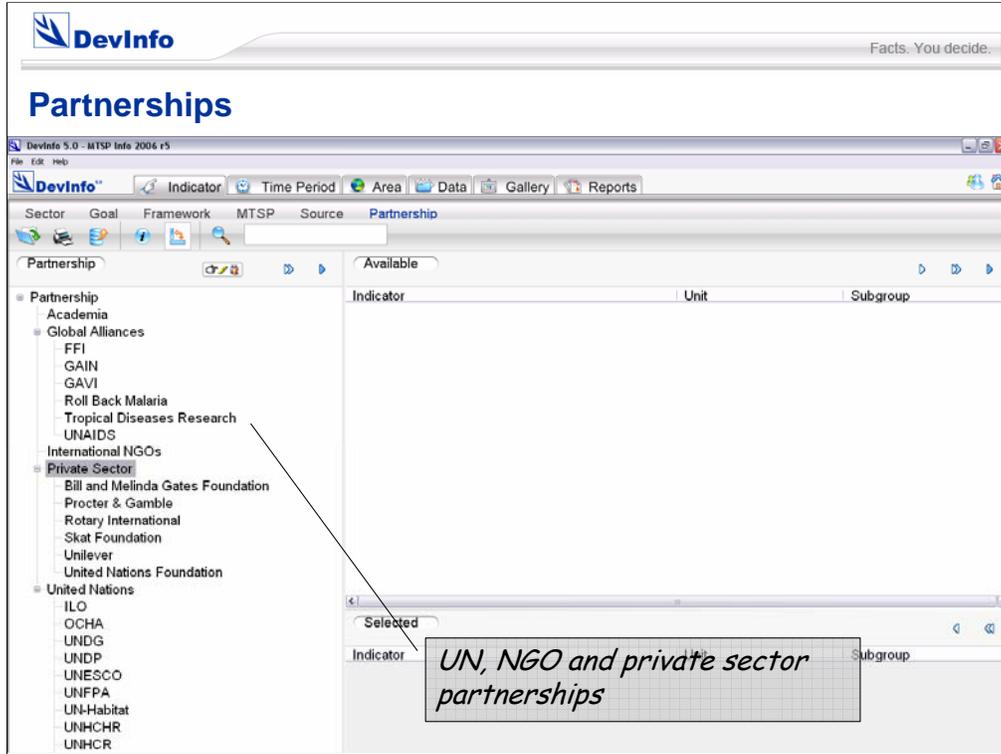
Available (3)		
Indicator	Unit	Subgroup
Prevalence of underweight (moderate and severe)	Percent	Total <5 yr
Prevalence of underweight (severe)	Percent	Total <5 yr
Vitamin 'A' supplementation coverage	Percent	Total 6-5...

Selected

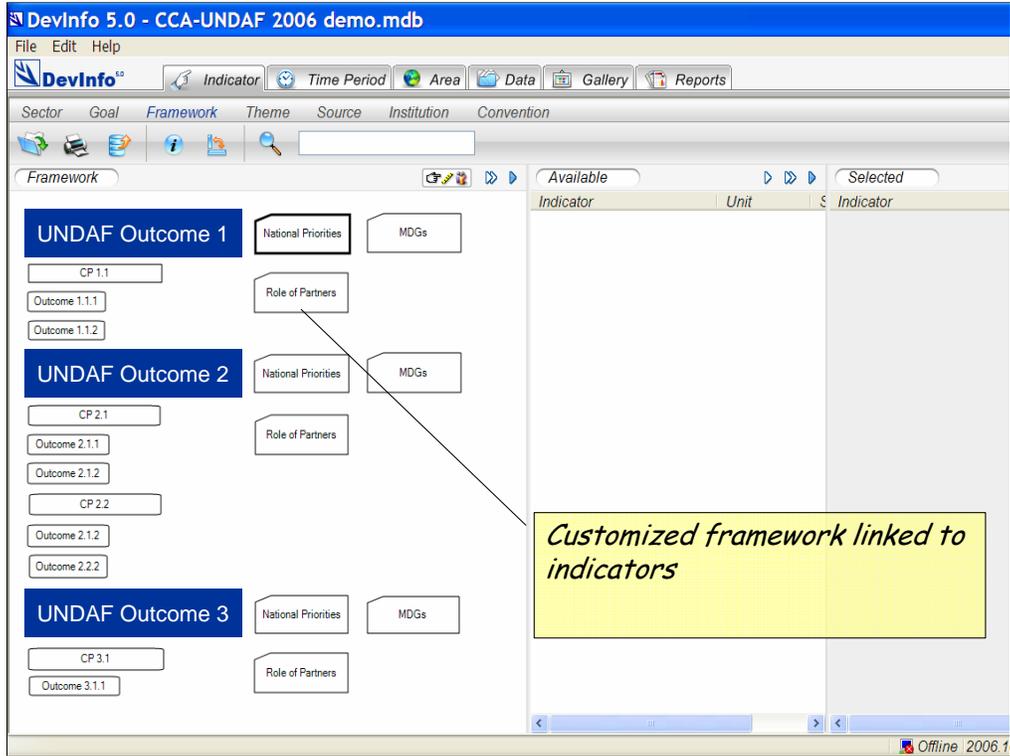
Indicator	Unit	Subgroup
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Global MDG indicators in blue, other MTSP indicators in black

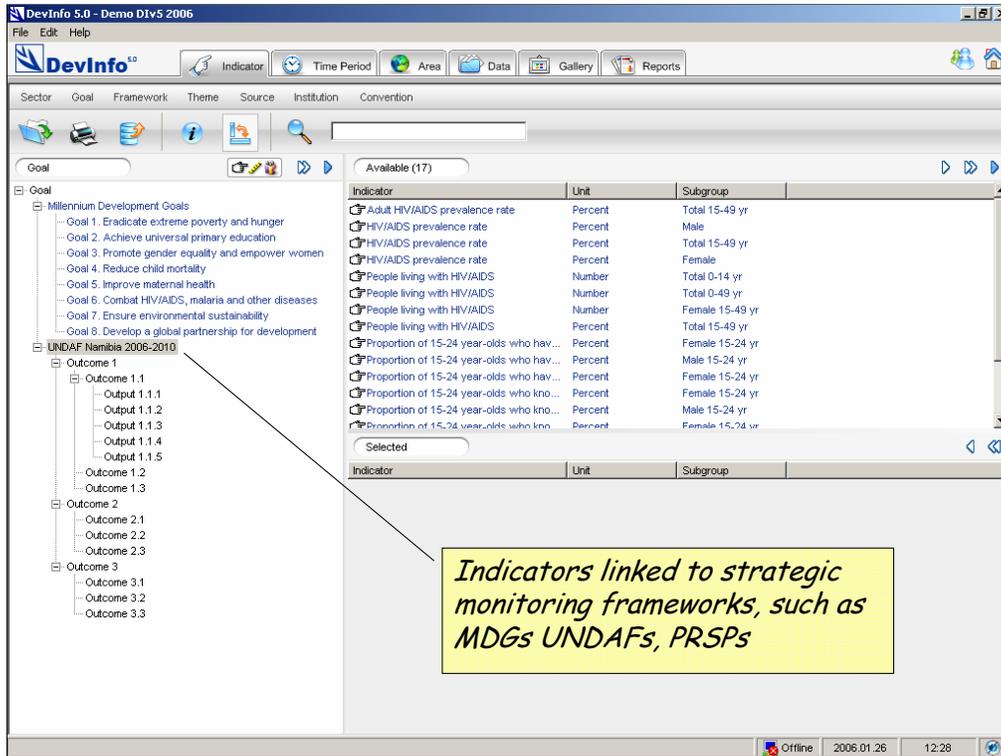
These indicators are also linked to the MDGs.



The MTSP indicators are also linked to public and private sector partners.



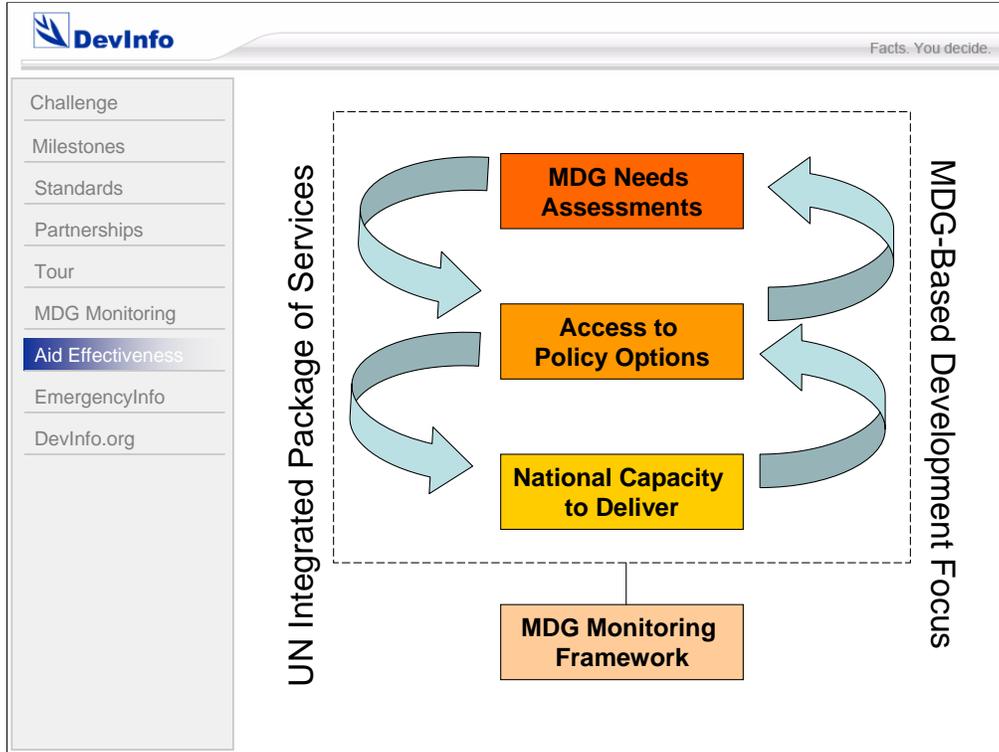
Here is another example of a customized framework linked to indicators for UNDAF.



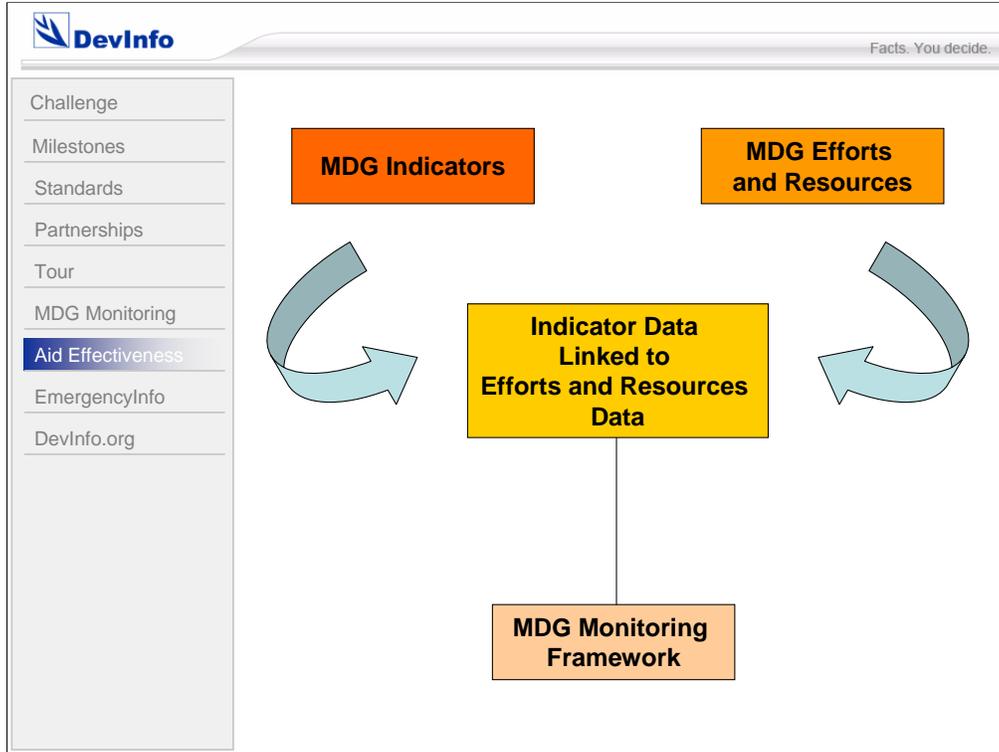
Indicators are linked to the strategic monitoring framework. There are an unlimited number of branches in the classification tree.

DevInfo is being used to monitor aid effectiveness.

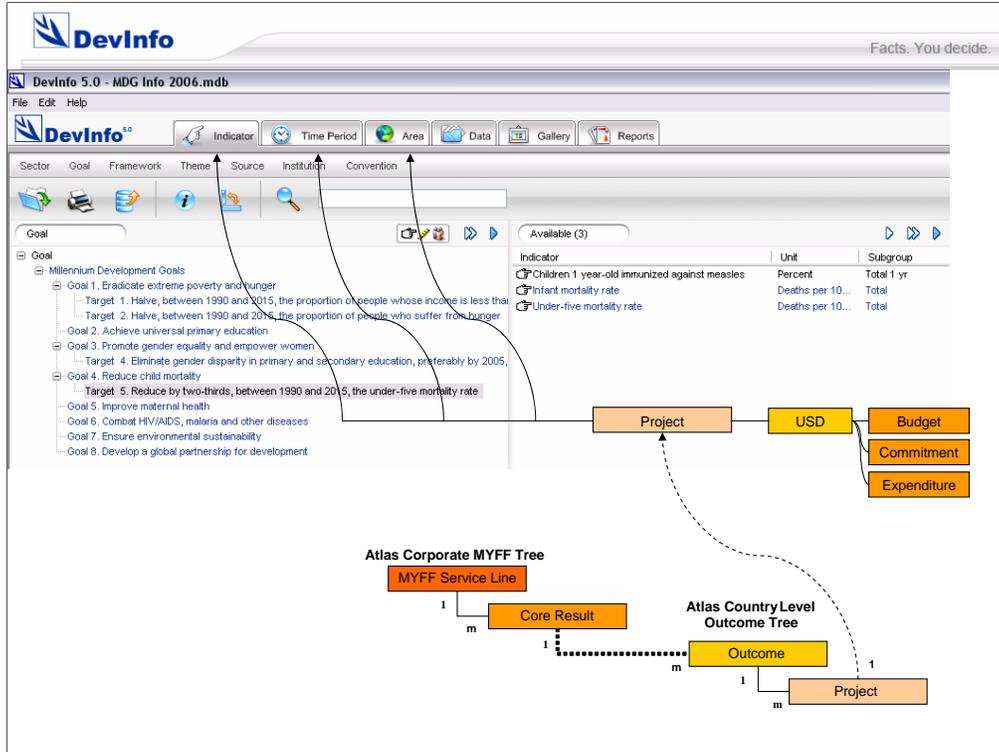
The UN system is involved in thousands of development projects with over 160 Member States. In the past, the UN's monitoring systems could not easily answer these types of questions related to MDGs.



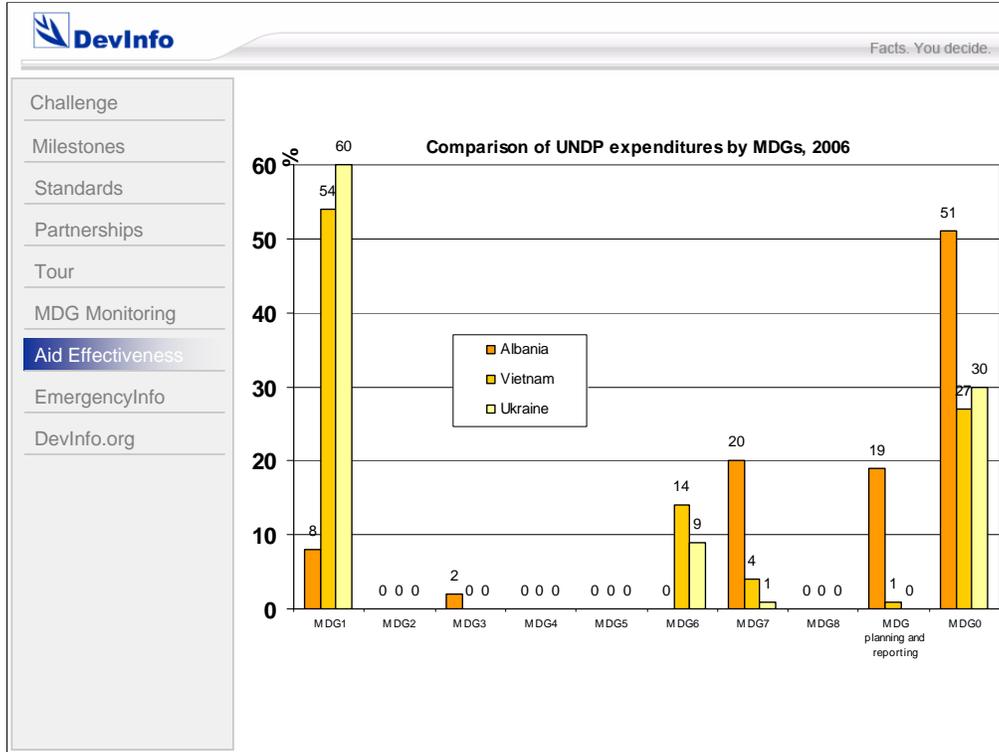
The UN's Integrated Package of Services provides a framework for provision of the UN's primary MDG-based development services. This presentation shows how DevInfo can be used to build a monitoring framework to monitor and measure the UN's development efforts according to global, regional and national plans and strategies.



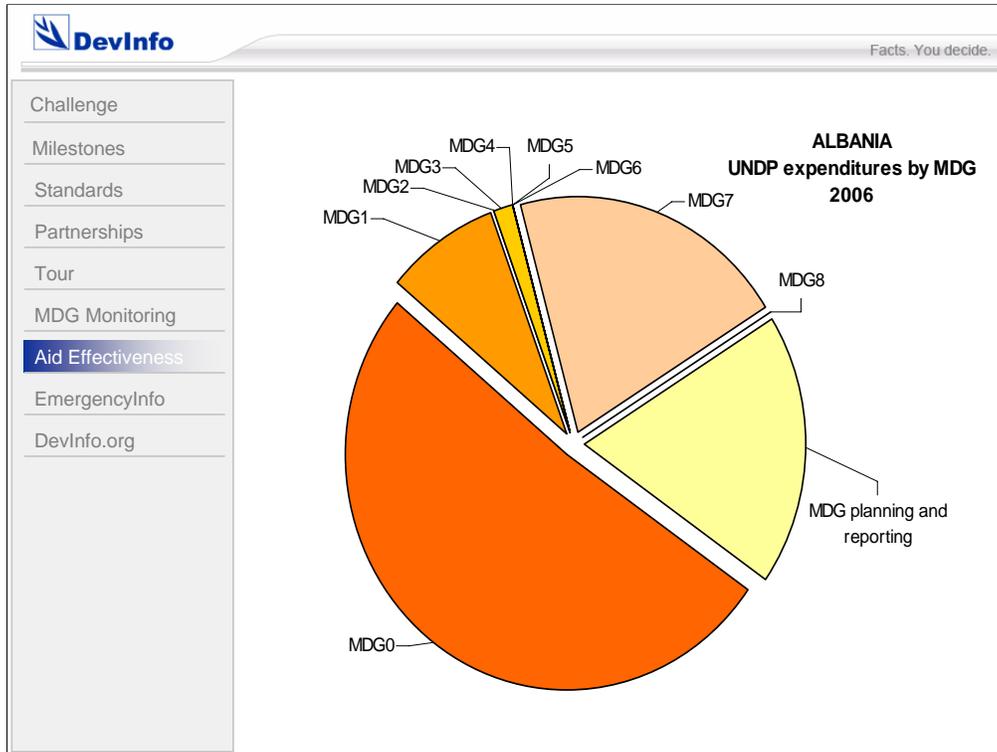
This presentation shows how the MDG monitoring framework can use DevInfo to link MDG indicator data with UN country-level MDG efforts and resources. A



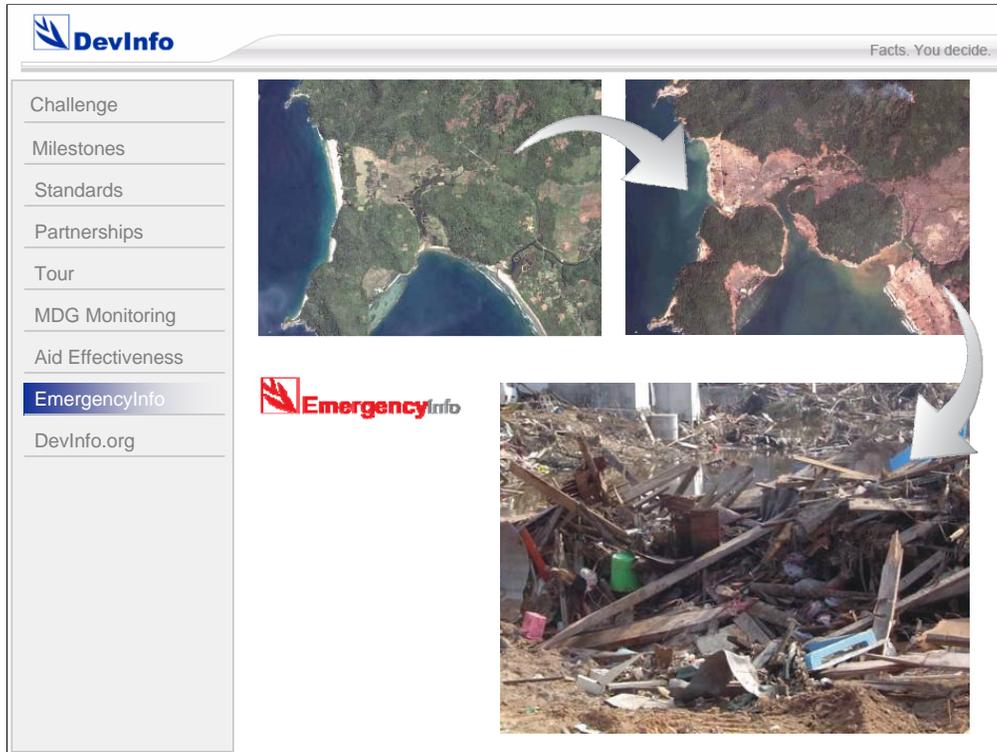
One approach for mapping UN efforts to MDGs is to link UN Atlas project information to the DevInfo MDG Goal – Target classification tree at the country level. This would provide detailed granularity for MDG mapping and would link national MDG data to national MDG objectives. This is a key advantage in advocating for this MDG Monitoring Framework at the national level as it will allow for analysis of the breakdown of the provision of efforts and resources at the level required for national level planning. This approach would map each country-level project to country-level MDGs. This mapping exercise would assign Projects (as Indicators) to Goals, Time Periods and Areas (Country). Each Project would be further defined in the DevInfo definition of Indicators with a Unit (USD) and subgroup (budget, commitment, expenditure). It would also require the development of a standardized method to map projects which may not logically fit in the context of the 8 MDG goals (for example, the use of an MDG 0 Goal for issues related to de-mining, governance, capacity building, etc.).



DevInfo can be used to produce graphs to compare UN expenditures by MDGs between countries.

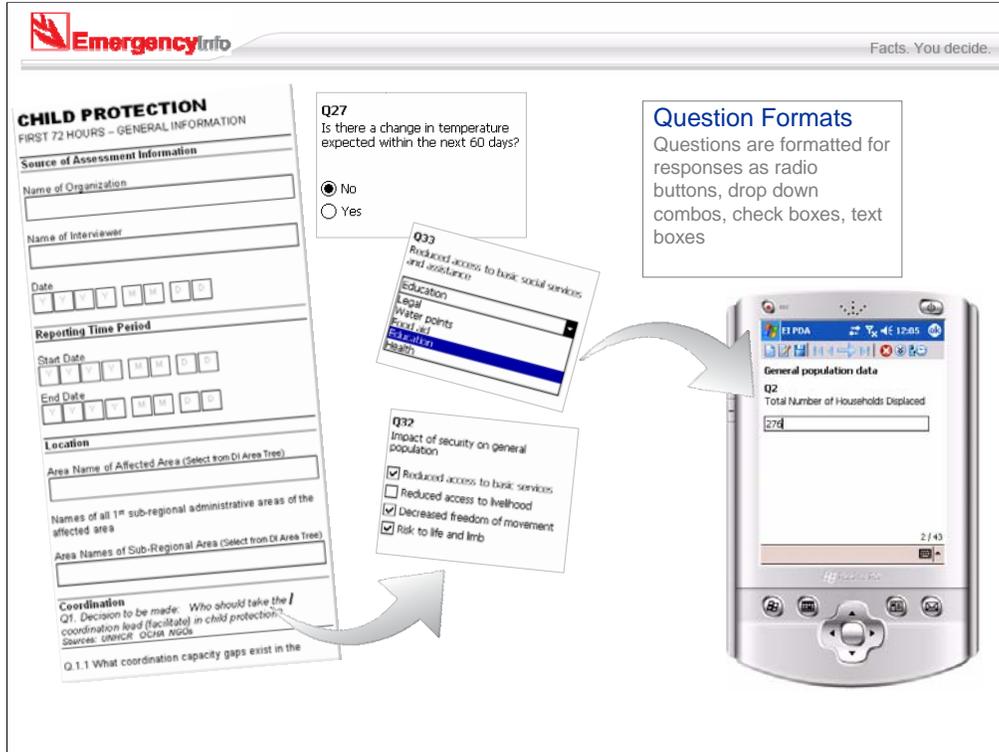


DevInfo can be used to produce graphs to compare UN expenditures by MDGs within a country. As reported by UNDP, the comparative data obtained from the initial test of three pilot countries would need to be analysed on the basis of an individual country's local definition for each MDG and its performance towards achieving each MDG target. Thus, the mechanism for linking UNDP's expenses related to each MDG to the country's situation should be elaborated, taking into consideration the fact that MDG Goals and Targets defined at the country level can significantly differ from the MDG Goals and Targets defined at the global level.

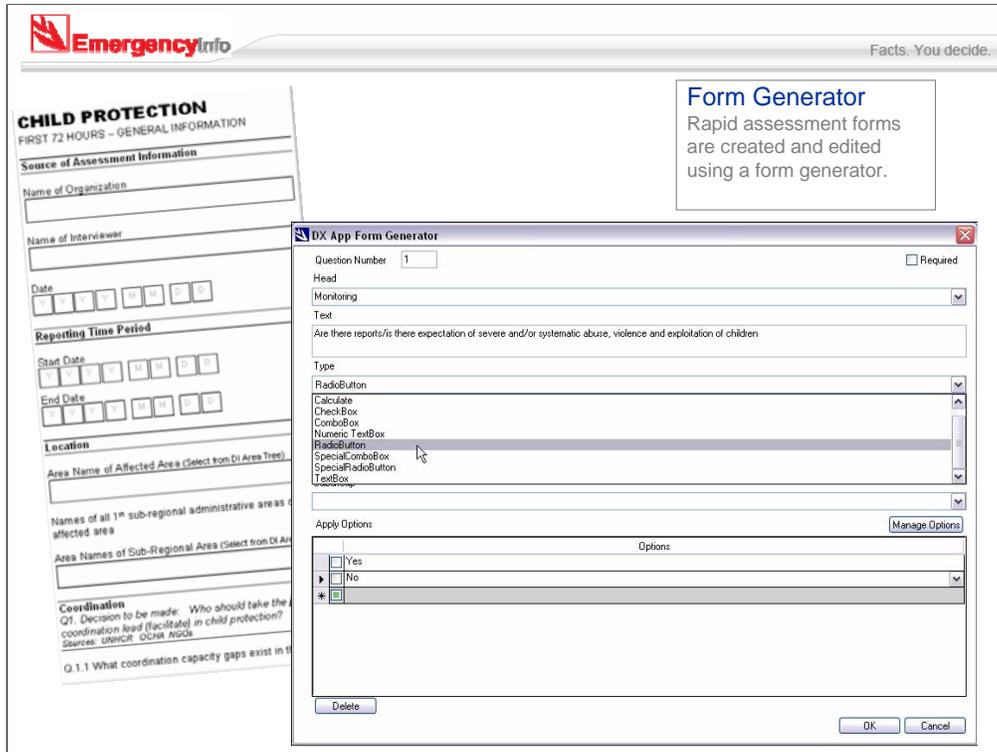


The United Nations responds to more than 300 disasters around the world every year. Experience have proven that managing information is always a key challenge for people managing responses to emergency situations.

EmergencyInfo is a powerful decision support system, based on DevInfo database technology that helps people to respond better in emergency situations. It combines the advanced data access and presentation features of DevInfo with new data capture technologies. EmergencyInfo helps to bridge information gaps within the first few hours of an emergency and provide support for rapid data collection, situation assessment, standard monitoring reports and disaster preparedness. EmergencyInfo database utilities help analyse the data from multiple dimensions and identify key information to formulate more effective response strategies. With a few clicks, the information can be presented as a tables, graphs and maps for dissemination in standardized situation reports.



The rapid assessment forms are formatted for data collection on PDA with one question per page. Questions are formatted for responses with radio buttons, drop-down combos, check boxes and text boxes.



Rapid assessment forms are created and edited using the EmergencyInfo Form Generator. The form generator provides methods to handle conditional questions and calculated values.

EmergencyInfo Facts. You decide.

CHILD PROTECTION
FIRST 72 HOURS – GENERAL INFORMATION

DX App Form Generator

Step 5 - Questions

Source of Assessment Information

Name of Organization

Name of Interviewer

Date

Reporting Time Period

Start Date

End Date

Location

Area Name of Affected Area (select from list)

Names of all 1st sub-regional administrative areas affected area

Area Names of Sub-Regional Area

Coordination
Q1. Decision to be made: Who is the coordination lead (facilitator) in child protection?
Sources: UNHCR, OCHA, NGO

Q.1.1 What coordination capacity

SNo	Item No	Section	Question	Answer Type	String ID	JumpTest	JumpPrevious	Required
1	Q1	1	Are these reports/is there expectation of severe and/or systematic ab	RB	2.1			<input type="checkbox"/>
2	Q2	1	Expectation of Increase/Decrease in systematic abuse, violence and	RB	4.3			<input type="checkbox"/>
3	Q3	1	Vulnerability of children and women to violations	SCB	5.9,6,7,8			<input type="checkbox"/>
4	Q4	1	Groups more at-risk to violation than others	SCB	12,13,14,11,10			<input type="checkbox"/>
5	Q5	1	Are these households in the community made only of children?	RB	2.1			<input type="checkbox"/>
6	Q6	1	Assistance to households made only of children	SCB	15,16,17,10			<input type="checkbox"/>
7	Q7	2	Most salient child protection issues in terms of severity and/or magnit	SCB	21,22,19,20,23			<input type="checkbox"/>
8	Q8	2	Population segments affected due to exclusion	TB				<input type="checkbox"/>
9	Q9	3	Causes of involuntary separation	SCB	28,30,24,25,27			<input type="checkbox"/>
10	Q10	3	Causes of deliberate separation	SCB	31,32,34,35,36			<input type="checkbox"/>
11	Q11	3	Agencies active in child protection sector	SCB	38,44,41,43,39			<input type="checkbox"/>
12	Q12	3	Efforts existing to disseminate information amongst caregivers and c	CB	2.1			<input type="checkbox"/>
13	Q13	3	Awareness of children protection measures raised among governme	CB	2.1			<input type="checkbox"/>
14	Q14	3	Is evacuation of children without their primary caregivers a problem?	CB	2.1			<input type="checkbox"/>
15	Q15	3	Is the evacuation of children part of a coordinated plan of action?	CB	2.1			<input type="checkbox"/>
16	Q16	3	Children informed and consulted in making child protection plans	CB	2.1			<input type="checkbox"/>
17	Q17	3	System for registration of separated children, or registration of parent	CB	2.1			<input type="checkbox"/>
18	Q18	3	Who are the adults who dropped the children off	CB	48,47,46,45			<input type="checkbox"/>
19	Q19	3	Are efforts undertaken to register and preserve the separated child's	CB	2.1			<input type="checkbox"/>
20	Q20	3	Agencies and organizations involved in these efforts	SCB	2.1			<input type="checkbox"/>
21	Q21	4	What arrangements are in place, if any, to care for unaccompanied c	SCB	51,50,49			<input type="checkbox"/>
22	Q22	4	Are the centers having a "pull" effect and are non-separated children	CB	2.1			<input type="checkbox"/>

Memory Card
The form generator creates forms in XML format for use on PDA memory cards.

Back Step 5 - Questions Next Finish

The form generator creates forms in XML format for use on PDA memory cards.

DevInfo Facts. You decide.

PDA Data Capture
PDAs are used to capture data with multiple language support and built-in GPS to records the latitude and longitude



The image is a composite graphic. At the top left is the DevInfo logo. At the top right is the slogan 'Facts. You decide.'. Below the slogan is a text box titled 'PDA Data Capture' with a description: 'PDAs are used to capture data with multiple language support and built-in GPS to records the latitude and longitude'. To the left of the text box is a memory card with a red logo. Below the memory card is a PDA device with a screen displaying 'EmergencyInfo PDA v3.1'. To the right of the PDA is a photograph of a woman in a blue patterned shirt using a PDA while talking to a man in a grey t-shirt and a patterned headscarf. A large grey arrow points from the PDA device towards the photograph.

PDAs are used to capture data using the rapid assessment forms. These forms can be deployed in multiple languages. The built-in PDA calendar fills in the time automatically while the built-in GPS automatically records the latitude and longitude.

EmergencyInfo Facts. You decide.

SITREPS
The system generates standardized situation reports

Population Affected by Districts
2005-01-08

District	Male	Female	Total
1	1200	1200	2400
2	1500	1500	3000
3	1800	1800	3600
4	2100	2100	4200
5	2400	2400	4800
6	2700	2700	5400
7	3000	3000	6000
8	3300	3300	6600
9	3600	3600	7200
10	3900	3900	7800
11	4200	4200	8400
12	4500	4500	9000
13	4800	4800	9600
14	5100	5100	10200
15	5400	5400	10800
16	5700	5700	11400
17	6000	6000	12000
18	6300	6300	12600
19	6600	6600	13200
20	6900	6900	13800
21	7200	7200	14400
22	7500	7500	15000
23	7800	7800	15600
24	8100	8100	16200
25	8400	8400	16800
26	8700	8700	17400
27	9000	9000	18000
28	9300	9300	18600
29	9600	9600	19200
30	9900	9900	19800
31	10200	10200	20400
32	10500	10500	21000
33	10800	10800	21600
34	11100	11100	22200
35	11400	11400	22800
36	11700	11700	23400
37	12000	12000	24000
38	12300	12300	24600
39	12600	12600	25200
40	12900	12900	25800
41	13200	13200	26400
42	13500	13500	27000
43	13800	13800	27600
44	14100	14100	28200
45	14400	14400	28800
46	14700	14700	29400
47	15000	15000	30000
48	15300	15300	30600
49	15600	15600	31200
50	15900	15900	31800
51	16200	16200	32400
52	16500	16500	33000
53	16800	16800	33600
54	17100	17100	34200
55	17400	17400	34800
56	17700	17700	35400
57	18000	18000	36000
58	18300	18300	36600
59	18600	18600	37200
60	18900	18900	37800
61	19200	19200	38400
62	19500	19500	39000
63	19800	19800	39600
64	20100	20100	40200
65	20400	20400	40800
66	20700	20700	41400
67	21000	21000	42000
68	21300	21300	42600
69	21600	21600	43200
70	21900	21900	43800
71	22200	22200	44400
72	22500	22500	45000
73	22800	22800	45600
74	23100	23100	46200
75	23400	23400	46800
76	23700	23700	47400
77	24000	24000	48000
78	24300	24300	48600
79	24600	24600	49200
80	24900	24900	49800
81	25200	25200	50400
82	25500	25500	51000
83	25800	25800	51600
84	26100	26100	52200
85	26400	26400	52800
86	26700	26700	53400
87	27000	27000	54000
88	27300	27300	54600
89	27600	27600	55200
90	27900	27900	55800
91	28200	28200	56400
92	28500	28500	57000
93	28800	28800	57600
94	29100	29100	58200
95	29400	29400	58800
96	29700	29700	59400
97	30000	30000	60000
98	30300	30300	60600
99	30600	30600	61200
100	30900	30900	61800

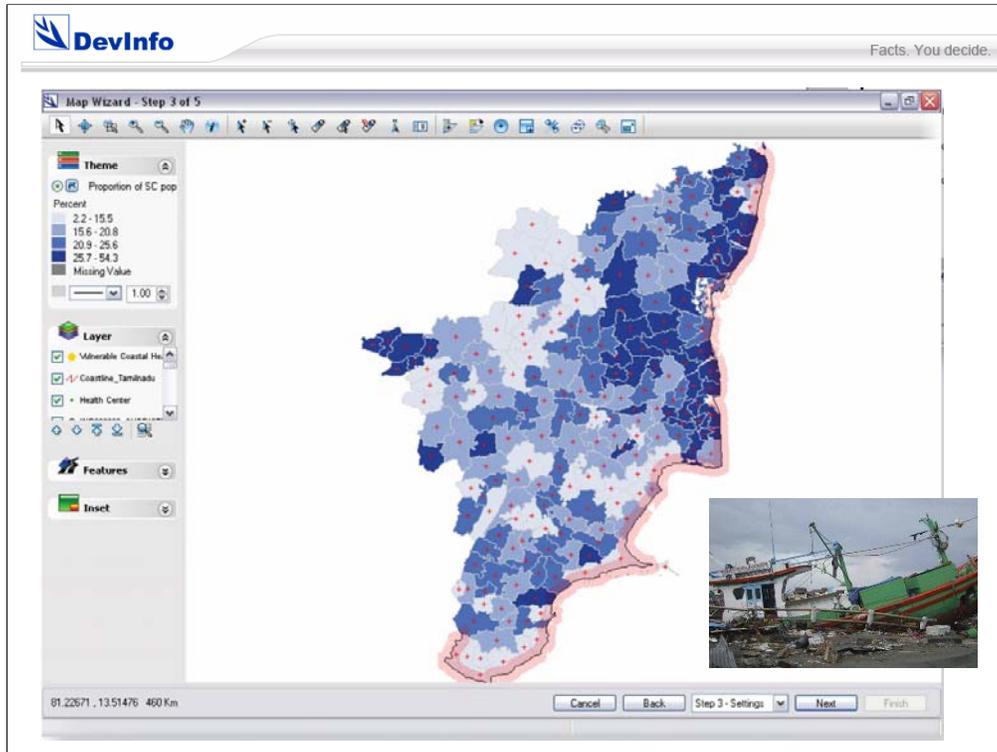
Summary Situation report
2005-01-08

Category	Male	Female	Total
1	100	100	200
2	200	200	400
3	300	300	600
4	400	400	800
5	500	500	1000
6	600	600	1200
7	700	700	1400
8	800	800	1600
9	900	900	1800
10	1000	1000	2000
11	1100	1100	2200
12	1200	1200	2400
13	1300	1300	2600
14	1400	1400	2800
15	1500	1500	3000
16	1600	1600	3200
17	1700	1700	3400
18	1800	1800	3600
19	1900	1900	3800
20	2000	2000	4000
21	2100	2100	4200
22	2200	2200	4400
23	2300	2300	4600
24	2400	2400	4800
25	2500	2500	5000
26	2600	2600	5200
27	2700	2700	5400
28	2800	2800	5600
29	2900	2900	5800
30	3000	3000	6000
31	3100	3100	6200
32	3200	3200	6400
33	3300	3300	6600
34	3400	3400	6800
35	3500	3500	7000
36	3600	3600	7200
37	3700	3700	7400
38	3800	3800	7600
39	3900	3900	7800
40	4000	4000	8000
41	4100	4100	8200
42	4200	4200	8400
43	4300	4300	8600
44	4400	4400	8800
45	4500	4500	9000
46	4600	4600	9200
47	4700	4700	9400
48	4800	4800	9600
49	4900	4900	9800
50	5000	5000	10000
51	5100	5100	10200
52	5200	5200	10400
53	5300	5300	10600
54	5400	5400	10800
55	5500	5500	11000
56	5600	5600	11200
57	5700	5700	11400
58	5800	5800	11600
59	5900	5900	11800
60	6000	6000	12000
61	6100	6100	12200
62	6200	6200	12400
63	6300	6300	12600
64	6400	6400	12800
65	6500	6500	13000
66	6600	6600	13200
67	6700	6700	13400
68	6800	6800	13600
69	6900	6900	13800
70	7000	7000	14000
71	7100	7100	14200
72	7200	7200	14400
73	7300	7300	14600
74	7400	7400	14800
75	7500	7500	15000
76	7600	7600	15200
77	7700	7700	15400
78	7800	7800	15600
79	7900	7900	15800
80	8000	8000	16000
81	8100	8100	16200
82	8200	8200	16400
83	8300	8300	16600
84	8400	8400	16800
85	8500	8500	17000
86	8600	8600	17200
87	8700	8700	17400
88	8800	8800	17600
89	8900	8900	17800
90	9000	9000	18000
91	9100	9100	18200
92	9200	9200	18400
93	9300	9300	18600
94	9400	9400	18800
95	9500	9500	19000
96	9600	9600	19200
97	9700	9700	19400
98	9800	9800	19600
99	9900	9900	19800
100	10000	10000	20000

Then the DevInfo database is used to create situation reports with tables, graphs and maps. Reports can be requested from the database by SMS.

The image is a screenshot of a web browser displaying the DevInfo website. The top left corner shows the DevInfo logo and the tagline 'Facts. You decide.' in the top right. A vertical sidebar on the left contains a list of navigation links: Challenge, Milestones, Standards, Partnerships, Tour, MDG Monitoring, Aid Effectiveness, **EmergencyInfo** (highlighted in blue), and DevInfo.org. The main content area features a large map of South and Southeast Asia. Three red circles are overlaid on the map, highlighting the countries of India, Sri Lanka, and Indonesia. To the right of the map, the text 'PDA Data Capture for Rapid Assessment' is displayed in a large, bold font. Below the map, there are several overlapping screenshots of a software interface, including a data table, a bar chart, and a smaller map. To the right of these screenshots is a photograph showing a large amount of debris, likely from a tsunami. The overall layout is clean and professional, typical of a corporate or organizational website.

EmergencyInfo technology was piloted in four tsunami-affected countries: India, Indonesia, Maldives and Sri Lanka.



The mapping features have been enhanced in EmergencyInfo to provide support for a method to analyze affected populations by geospatial estimations using buffering. The new maps also provides for visualization of more than one variable at once to facilitate the analysis of resources against problems. In addition to colors and patterns, thematic maps can be rendered by dot-density. The system supports the mapping of facilities (schools, health facilities), infrastructure (roads) and topographical features (rivers, elevation) so that in emergencies information can be easily and rapidly accessed and analyzed

The screenshot shows the DevInfo website interface. At the top left is the DevInfo logo, and at the top right is the slogan "Facts. You decide.". A vertical navigation menu on the left lists various categories, with "EmergencyInfo" highlighted. The main content area features a blue box with the UN logo and the text "AHI Info Avian & Human Influenza" and "UN System Influenza Coordination New York". To the right of this box is a diagram illustrating the transmission of a new strain of flu virus. The diagram shows a person being infected by a bird (simultaneous infection of both viruses) and another person being infected by the first person (transmission from person to person). The text next to the diagram reads: "New strain of flu virus. Few humans would have natural immunity" and "Transmission from person to person could occur".

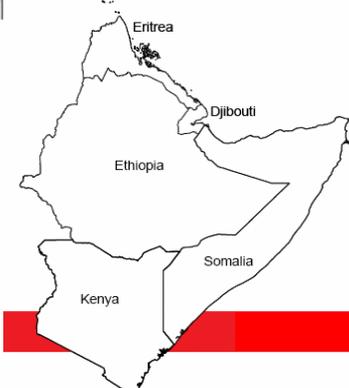
UNSIC is extending the usefulness of the DevInfo database system to address the issue of tracking avian and human influenza. The system is being used to implement a comprehensive unified monitoring and reporting strategy for the UN system. The database contains key indicators on prevention, preparedness, response and control.

DevInfo Facts. You decide.

Challenge
Milestones
Standards
Partnerships
Tour
MDG Monitoring
Aid Effectiveness
EmergencyInfo
DevInfo.org

Core Commitments for Children in Emergencies

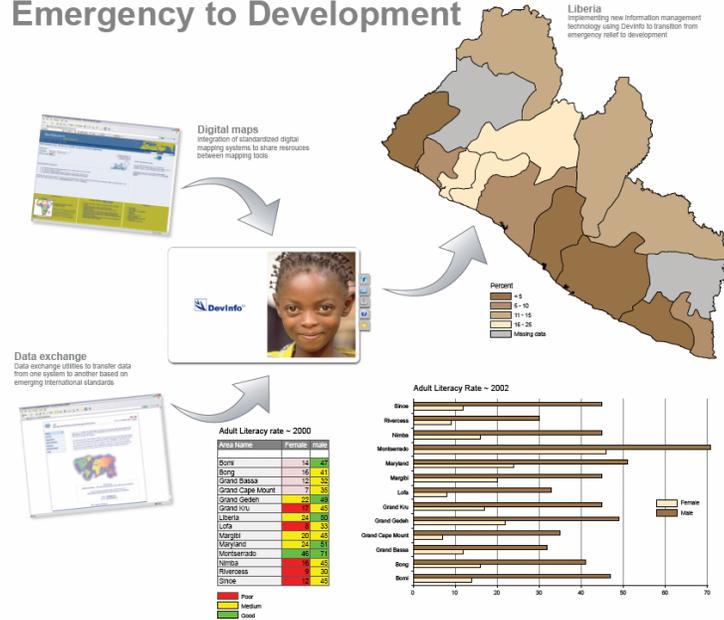
- | Health 14
- | Nutrition 14
- | Water and Sanitation 12
- | Education 8
- | Child Protection 6
- | HIV / AIDS 4



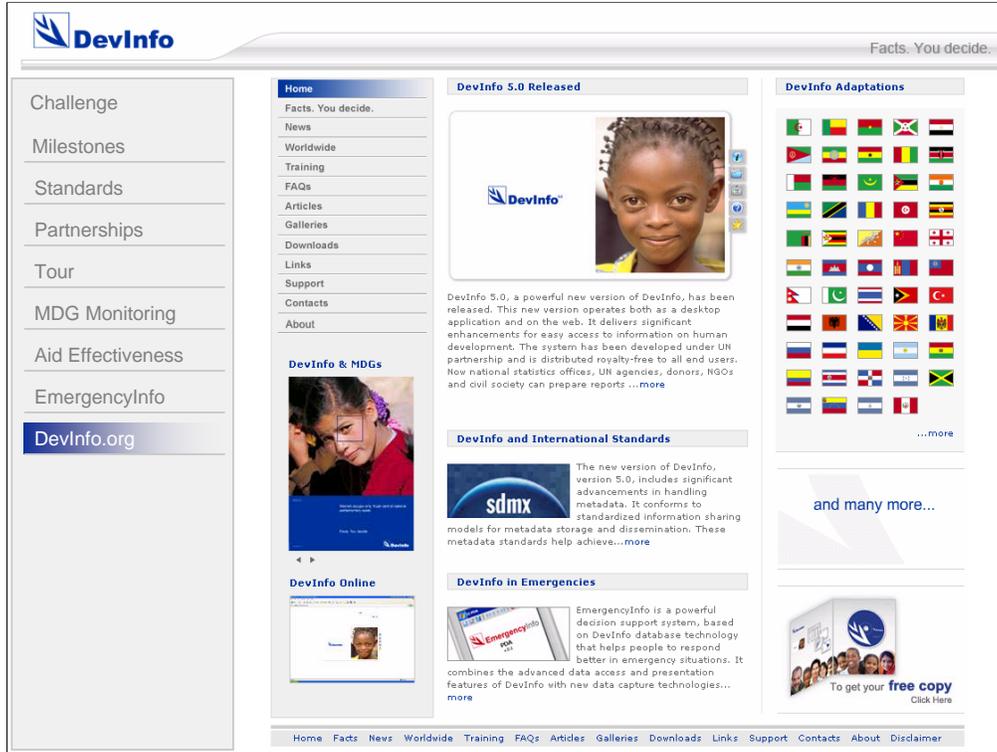

EmergencyInfo is being used to strengthen the collection and use of indicators for the Core Commitments for Children in Emergencies (CCCs). The system is being integrated into government and UN mechanisms to identify a common list of indicators to be monitored for emergency and response.

- Challenge
- Milestones
- Standards
- Partnerships
- Tour
- MDG Monitoring
- Aid Effectiveness
- EmergencyInfo
- DevInfo.org

Aiding the Transition from Emergency to Development



In Liberia, an inter-agency strategy is being piloted for the implementation of DevInfo database technology in the transition from emergency relief to development. The strategy is to leverage MDG-based information needs to move forward rapidly with tools for improved monitoring of national development priorities.



In summary, DevInfo provides a cross sectoral repository for strategic information on human development. The system can be easily adapted to country specifications. The database contains both global and user-defined indicators. These indicators can be linked to global and user-defined goals. DevInfo promotes the dissemination of data for effective advocacy and timely decision support. You are invited to visit www.devinfo.org for more information about DevInfo.

