Data Dissemination

UNICEF Support at Global and Country Levels

Peter Leth

Statistics and Monitoring Section, UNICEF

pleth@unicef.org

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Outline

- Introduction to the Statistics and Monitoring Section, UNICEF HQ
- Background and overview of the DevInfo initiative
- UNICEF country programming

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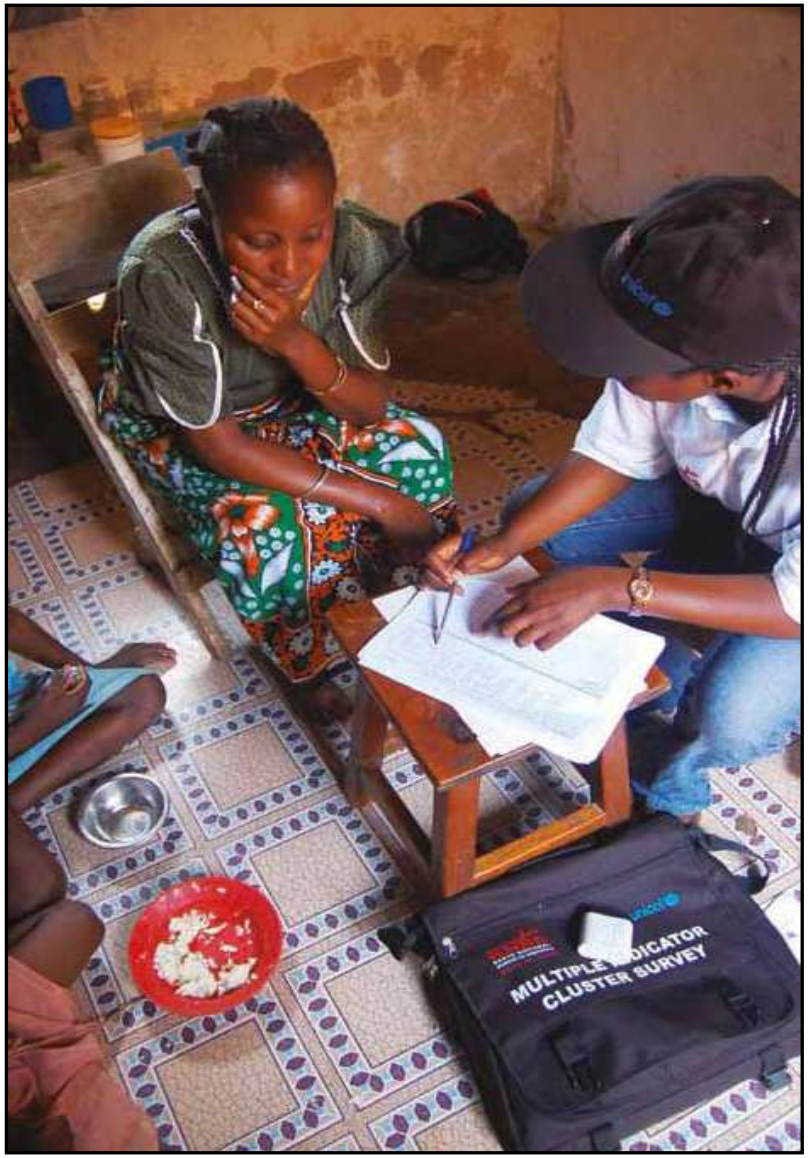

UNICEF's Support to Data Collection

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UNICEF's support for data collection Multiple Indicator Cluster Surveys (MICS)

- One of the largest data collection efforts on the MDGs globally
- Provides critically important information for well over 100 indicators including around half of the data for the child health related MDG indicators
- Started in 1995 and now over 240 MICS surveys conducted in over 100 countries
- The fourth round MICS surveys has been completed in 51 countries
- Fifth round of MICS being implemented and expecting participation of more than 40 countries

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Multiple Indicator Cluster Surveys

- Developed in early 1990s by UNICEF to assist countries generate data for the World Summit for Children Goals

- Since 1995, evolved into an ongoing global survey programme with
  - collection of data on multiple globally agreed-upon indicator sets; MDGs, WFFC indicators…
  - an institutionalized technical coordination and support system,
  - a Global MICS team with coordinators and survey experts in New York and all regions
  - full package of MICS-specific survey instruments

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MICS in Global Databases

Most recent data points on selected indicators

	MICS	DHS	Other
Child disability	**100**	0	0
Early childhood development	**100**	0	0
Child discipline	**79**	8	13
ORT and continued feeding	**50**	48	2
Birth registration	**47**	38	15
Care-seeking for pneumonia	**45**	48	7
Child marriage	**37**	51	12
ITN use	**33**	32	35
Antimalarial treatment	**33**	41	26
Skilled attendant at delivery	**31**	51	18
Underweight prevalence	**24**	34	42

Source: UNICEF Global Databases

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Multiple Indicator Cluster Surveys

- Face to face interviews, observations, measurements
- Representative data based on probabilistic samples
- Modular structure of questionnaires, easily customized to country needs
- Low, middle and high income countries

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Multiple Indicator Cluster Surveys

- Country ownership and technical support system
  - UNICEF's role is to
    - design standard survey instruments in collaboration with partners
    - provide financial support (with partners)
    - provide technical support, including training/regional workshops
  - Governments/implementing agencies
    - customize survey instruments to their context, while maintaining comparability
    - conduct surveys
    - analyze data, release reports, disseminate, release micro data for public sharing

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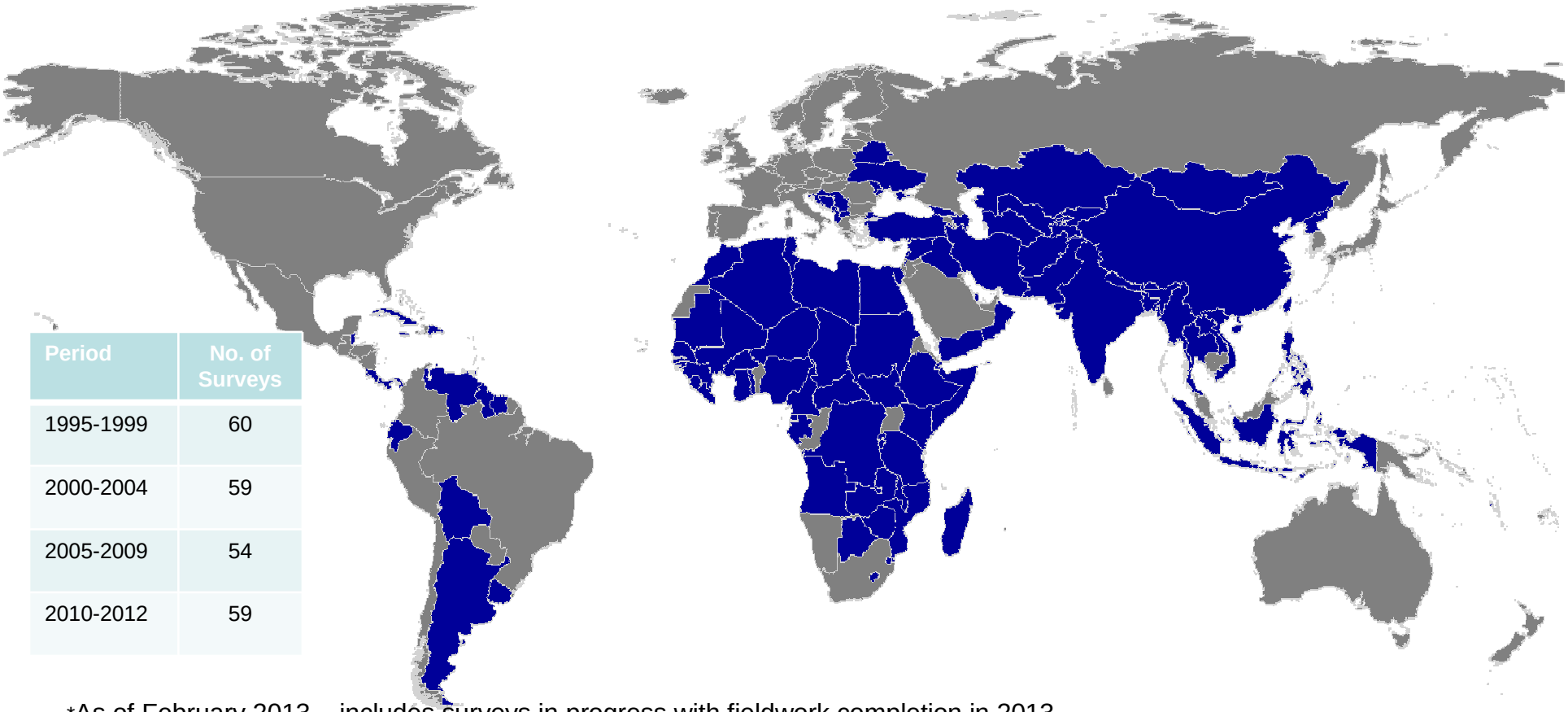
Multiple Indicator Cluster Surveys

Since 1995, more than 100 countries and around 240 surveys*



Period	No. of Surveys
1995-1999	60
2000-2004	59
2005-2009	54
2010-2012	59

*As of February 2013 – includes surveys in progress with fieldwork completion in 2013
Countries with at least one MICS survey, including sub-national surveys

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Data Analysis

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Areas of Work

Data Analysis

- **9 specific sectors and over 100 indicators**

  - **Child Mortality**
  - **Maternal Health (mortality, reproductive health)**
  - **Child Health (malaria, pneumonia, diarrhoea)**
  - **Immunization**
  - **Nutrition**
  - **Child Protection (birth registration, FGMC, child marriage, child labour, violence, children out of home care)**
  - **Water and Sanitation**
  - **HIV/AIDS**
  - **Education**

  - **Cross cutting: adolescents, child disability, gender, ECD**

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UN Interagency MDG Monitoring Groups/ Methodological Work

- **UNICEF leads and/or plays an active role in a series of interagency MDG monitoring groups**

- **Interagency monitoring groups play a critical role in the following areas:**
  - Harmonizing monitoring work across partners
  - Developing new methodologies, standard indicators and monitoring tools
  - Building statistical capacity at country level
  - Developing joint UN Interagency estimates

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Interagency MDG Monitoring Groups

- **Interagency Group on Child Mortality Estimation** - IGME (UNICEF, WHO, WB, UNPD)
  - **Maternal Mortality Estimation Group** (UNICEF, WHO, UNFPA, WB)
  - **Malaria MERG** (UNICEF, WHO, WB, CDC, others)
  - **HIV/AIDS MERG** (UNICEF, UNAIDS, WHO, others)
  - **Water/Sanitation:** JMP for Water and Sanitation (UNICEF, WHO)
  - **Immunization Interagency Estimation Group** (UNICEF, WHO)
  - **Child Protection MERG** –chaired by UNICEF and Save the Children
  - **Child Mortality by Cause** (CHERG)
  - **MDG Interagency and Experts Group** (IAEG)
  - **Child Survival: Countdown to 2015**

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Data Compilation – UNICEF Global Databases

- **SMS maintains a series of global databases across all sectors** (e.g. HIV/AIDS, health, nutrition, education, etc)
- **Global databases used for a variety of purposes:**
  - UNICEF flagship publications (e.g. SOWC)
  - Official MDG reporting
  - Countdown to 2015
  - Sector-specific publications
  - Used by governments, civil society organizations, academic community, partners, and the general public

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Last update: Feb 2013

Proportion of children under five years old with diarrhoea receiving oral rehydration therapy (oral rehydration salts OR recommended homemade fluids OR increased fluids) AND continued feeding

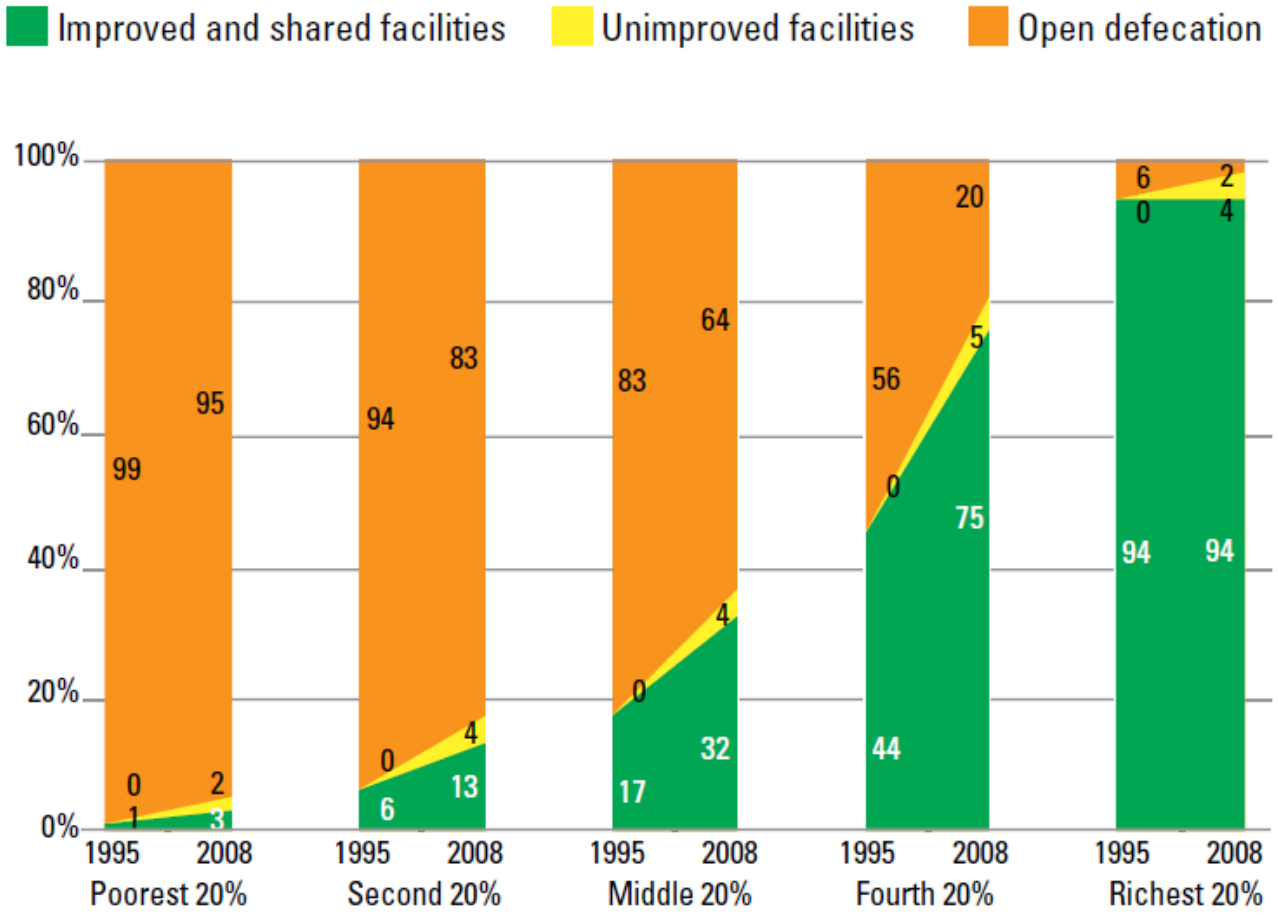
Click on Download File to access table with footnotes

Download File

Country or territory	Year	Total	Gender		Residence		Wealth Index Quintiles					Source
			Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Richest	
Afghanistan	2010-2011	48	49	46	40	49	51	43	48	53	41	MICS 2010-2011
Albania	2008-2009	63	67	57	64	63	-	-	-	-	-	DHS 2008-2009
Algeria	2006	24	21	27	26	23	19	21	31	30	23	MICS 2006
Armenia	2010	77	77	78	-	-	-	-	-	-	-	DHS 2010
Azerbaijan	2006	31	33	29	21	41	27	28	42	35	28	DHS 2006
Bangladesh	2011	78	82	72	84	76	81	83	71	68	82	DHS 2011
Belarus	2005	54	66	44	53	56	-	59	-	46	-	MICS 2005
Belize	2006	26	-	-	-	20	-	-	-	-	-	MICS 2006
Benin	2006	42	44	39	43	41	40	44	38	42	47	DHS 2006
Bhutan	2010	62	63	60	60	62	61	65	62	61	60	MICS 2010
Bolivia (Plurinational State of)	2008	29	28	31	28	30	28	28	33	28	27	DHS 2008

India: 166 million people gained access to improved sanitation since 1995, but little progress has been made in the poorest households

Trends in the use of sanitation facilities, by household wealth quintile



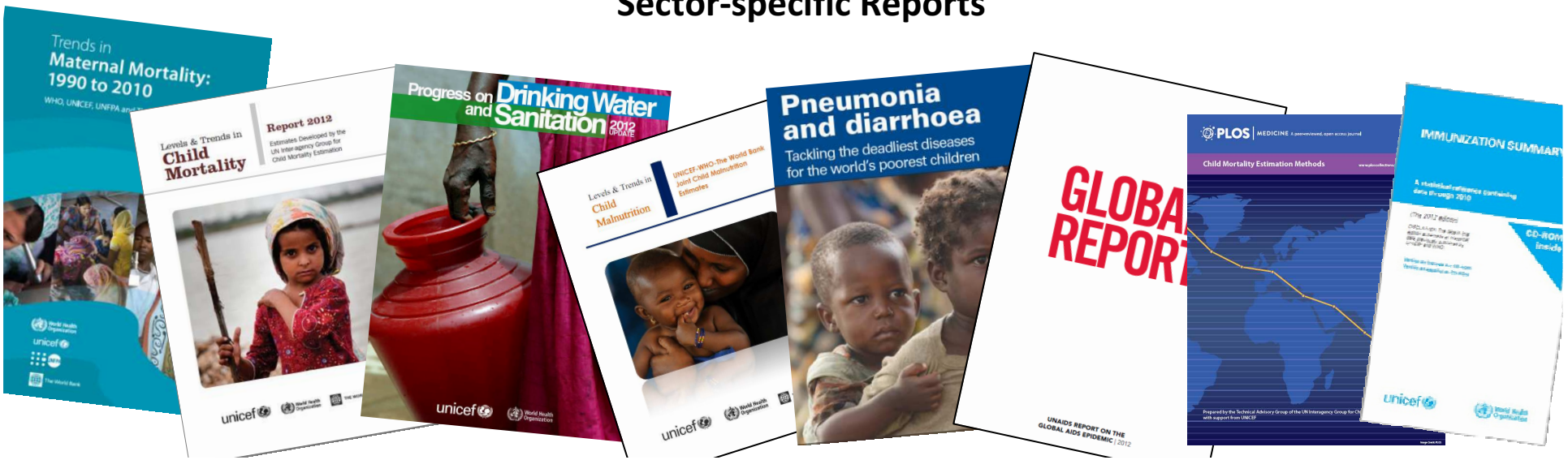
Source: NFHS 1992–93, 1998-99, 2005-06

2012 Data Driven Reports

UNICEF flagship publications

Global publications

Sector-specific Reports



Child Mortality Estimates
CME Info

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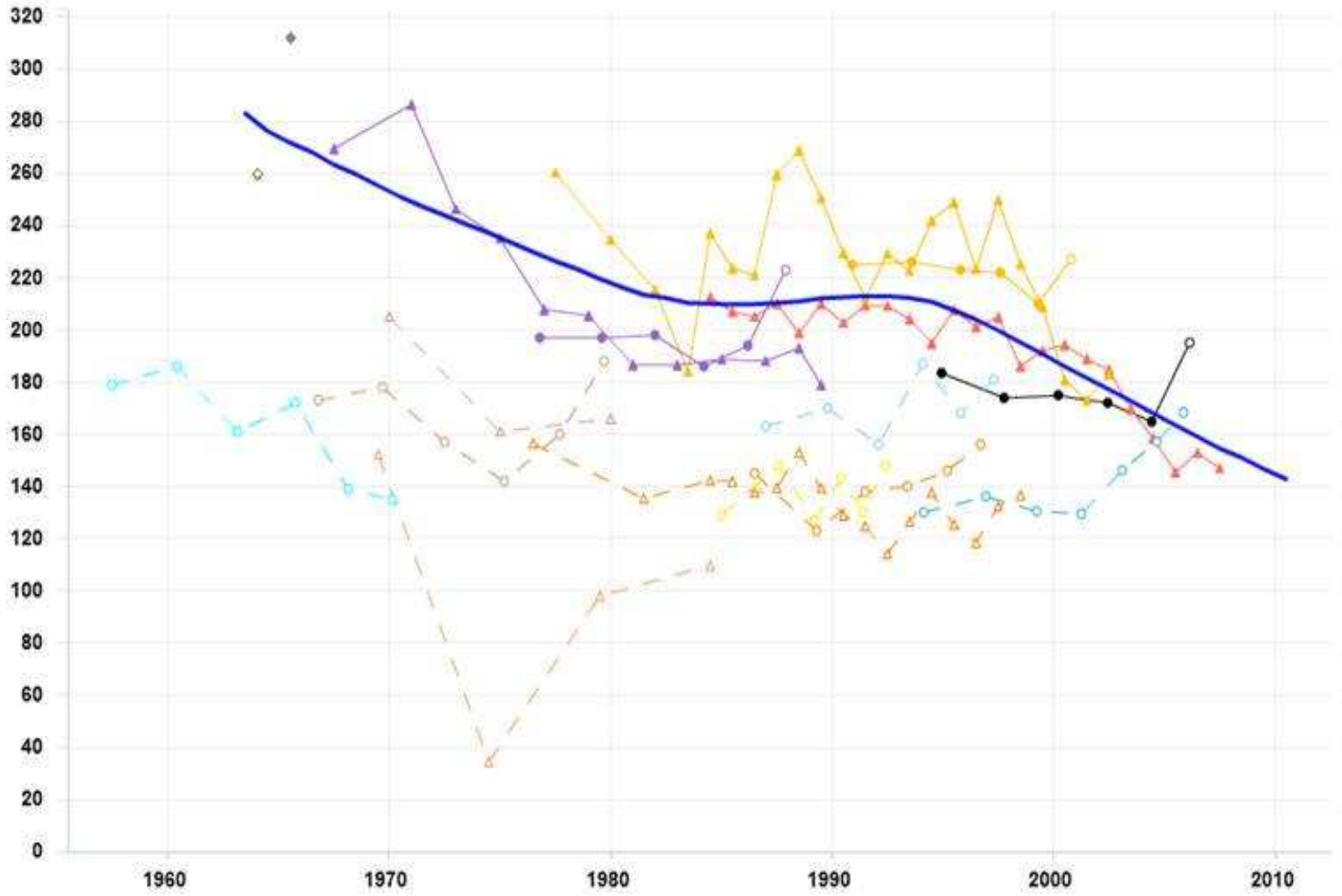
Nigeria

*NGA_Loess_Under-five mortality rate_CHANGED ALPHA_2011.5

Under-Five Mortality Rate ▼

View▼ | Series | Data | Estimates | Export | Notes |



Data Dissemination

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Data Dissemination

www.childinfo.org

Latest data on statistics for children and women updated and maintained.

- MICS information and reports
- Overview of trends and current status
- Disparity databases
- Country statistical profiles
- Data driven reports

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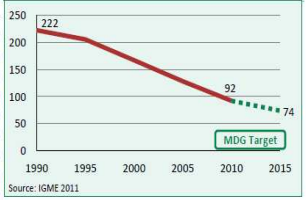
Malawi

DEMOGRAPHICS

Total population (000)	14,901	(2010)
Total under-five population (000)	2,715	(2010)
Births (000)	663	(2010)
Birth registration (%)	-	-
Total under-five deaths (000)	56	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	58	(2010)
Stillbirth rate (per 1000 total births)	24	(2009)
Total maternal deaths	3,000	(2010)
Lifetime risk of maternal death (1 in N)	36	(2010)
Total fertility rate (per woman)	6.0	(2010)
Adolescent birth rate (per 1000 women)	177	(2005)

Under-five mortality rate

Deaths per 1,000 live births



Source: IGME 2011

Maternal mortality ratio

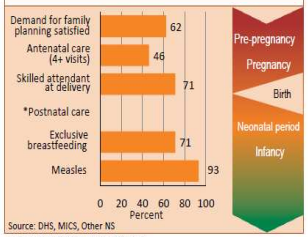
Deaths per 100,000 live births

Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

MATERNAL AND NEWBORN HEALTH

Coverage along the continuum of care

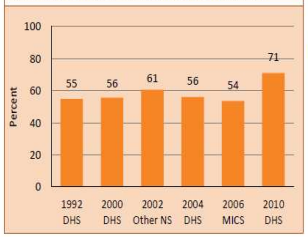


Source: DHS, MICS, Other NS

* See Annex/website for indicator definition

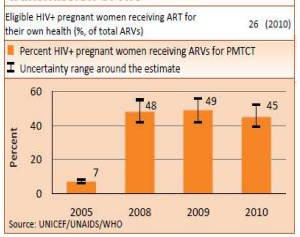
Skilled attendant at delivery

Percent live births attended by skilled health personnel



Prevention of mother-to-child transmission of HIV

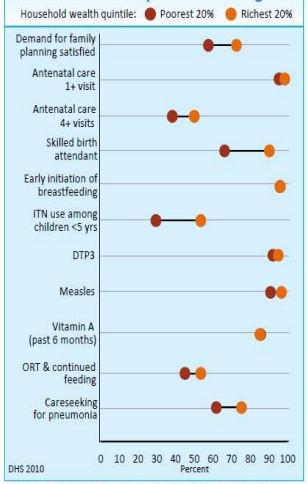
Eligible HIV+ pregnant women receiving ART for their own health (%, of total ARVs) 26 (2010)



Source: UNICEF/UNAIDS/WHO

EQUITY

Socioeconomic inequities in coverage



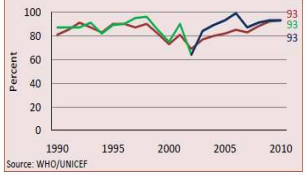
DHS 2010

Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

CHILD HEALTH

Immunization

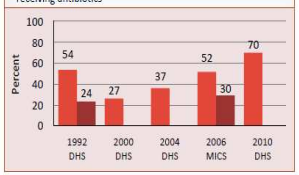
- Percent of children immunized against measles
- Percent of children immunized with 3 doses DTP
- Percent of children immunized with 3 doses Hib



Source: WHO/UNICEF

Pneumonia treatment

- Percent children <5 years with suspected pneumonia taken to appropriate health provider
- Percent children <5 years with suspected pneumonia receiving antibiotics

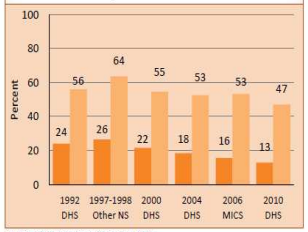


NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2010)
Low birthweight incidence (moderate and severe, %)	13	(2006)
Early initiation of breastfeeding (within 1 hr of birth, %)	58	(2006)
Introduction of solid, semi-solid/soft foods (%)	86	(2010)
Vitamin A supplementation (two dose coverage, %)	96	(2010)

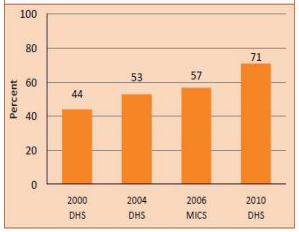
Underweight and stunting prevalence

- Percent children <5 years who are underweight
- Percent children <5 years who are stunted



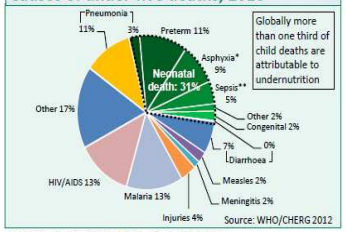
Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



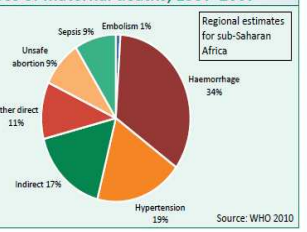
DEMOGRAPHICS

Causes of under-five deaths, 2010



Source: WHO/CHERG 2012

Causes of maternal deaths, 1997-2007



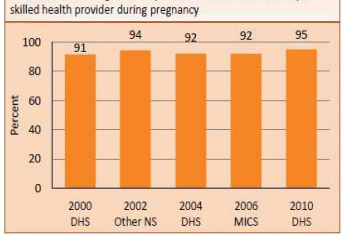
Source: WHO 2010

*Intrapartum-related events **Sepsis/meningitis/tetanus

MATERNAL AND NEWBORN HEALTH

Antenatal care

Percent of women aged 15-49 years attended at least once by a skilled health provider during pregnancy

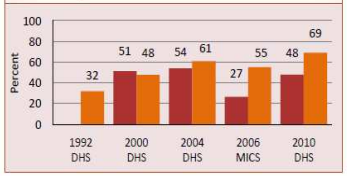


Demand for family planning satisfied (%)	62	(2010)
Antenatal care (4 or more visits, %)	46	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	60	(2010)
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	5, 8, **4**	(2010)
Neonatal tetanus vaccine (%)	87	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m², %)	7	(2010)

CHILD HEALTH

Diarrhoeal disease treatment

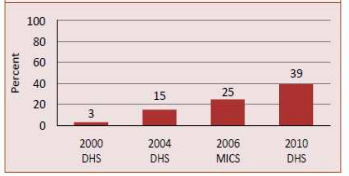
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial 89 (2010)

- Percent of children <5 years sleeping under ITNs

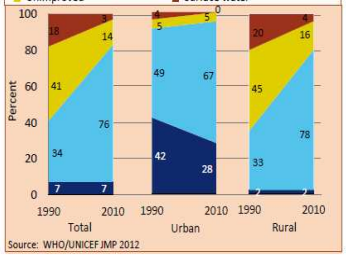


WATER AND SANITATION

Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

- Piped on premises
- Other improved
- Unimproved
- Surface water

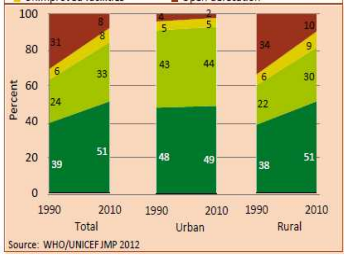


Source: WHO/UNICEF JMP 2012

Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Yes
International Code of Marketing of Breastmilk Substitutes	Yes
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Partial
Pneumococcal vaccine	Yes

SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	3.0	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	32	(2010)
Per capita total expenditure on health (Int$)	56	(2010)
General government expenditure on health as % of total government expenditure (%)	14	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	11	(2010)
Official development assistance to child health per child (US$)	24	(2009)
Official development assistance to maternal and neonatal health per live birth (US$)	78	(2009)

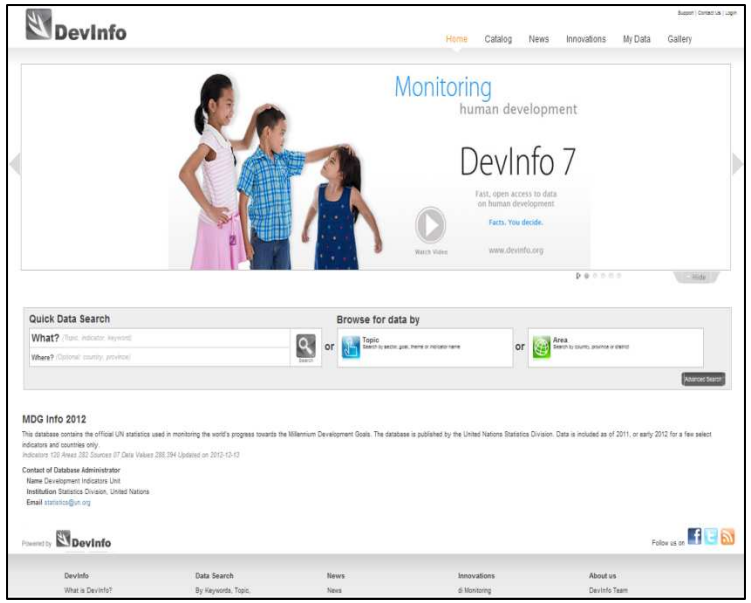
Data Dissemination

DevInfo

•UNICEF promotes data dissemination through DevInfo *(tool for storing and displaying data)*

•Popular advocacy and planning tool for national statistical offices, UN agencies, donors and civil society

•Over 120 countries have localized over 400 adaptations



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What is DevInfo?

- UN initiative
- Promotes data use
- Core database technology
- Global, regional and country level

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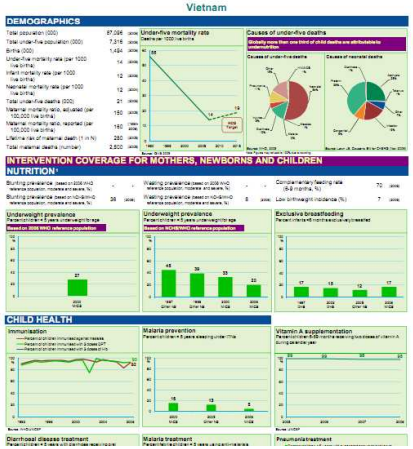
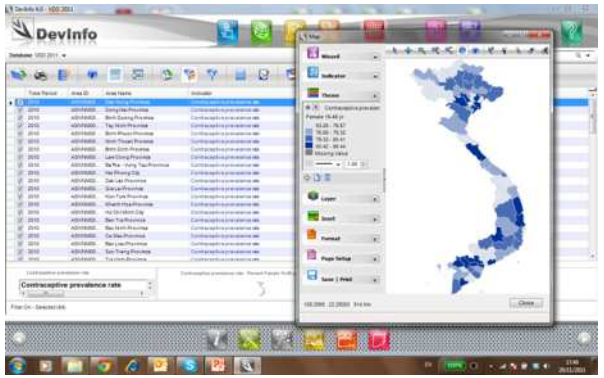
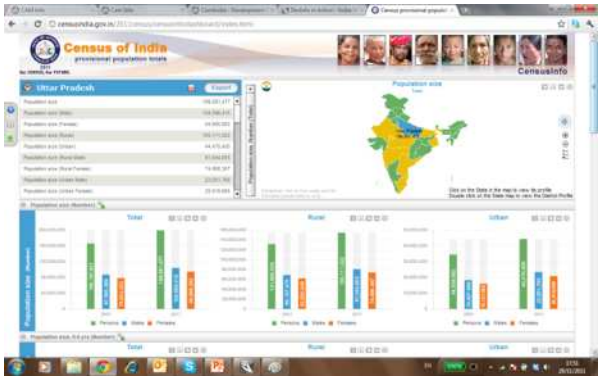
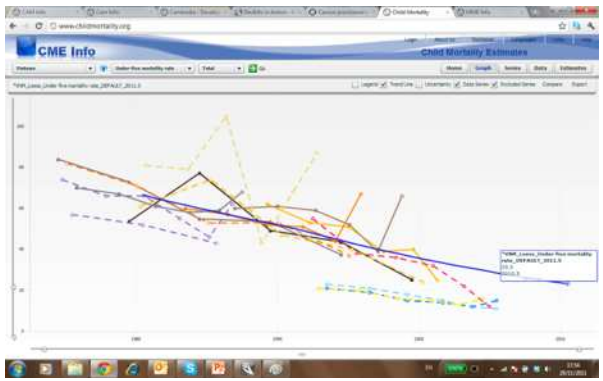




DevInfo

Facts. You decide.





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Indicators

Sources

Maps

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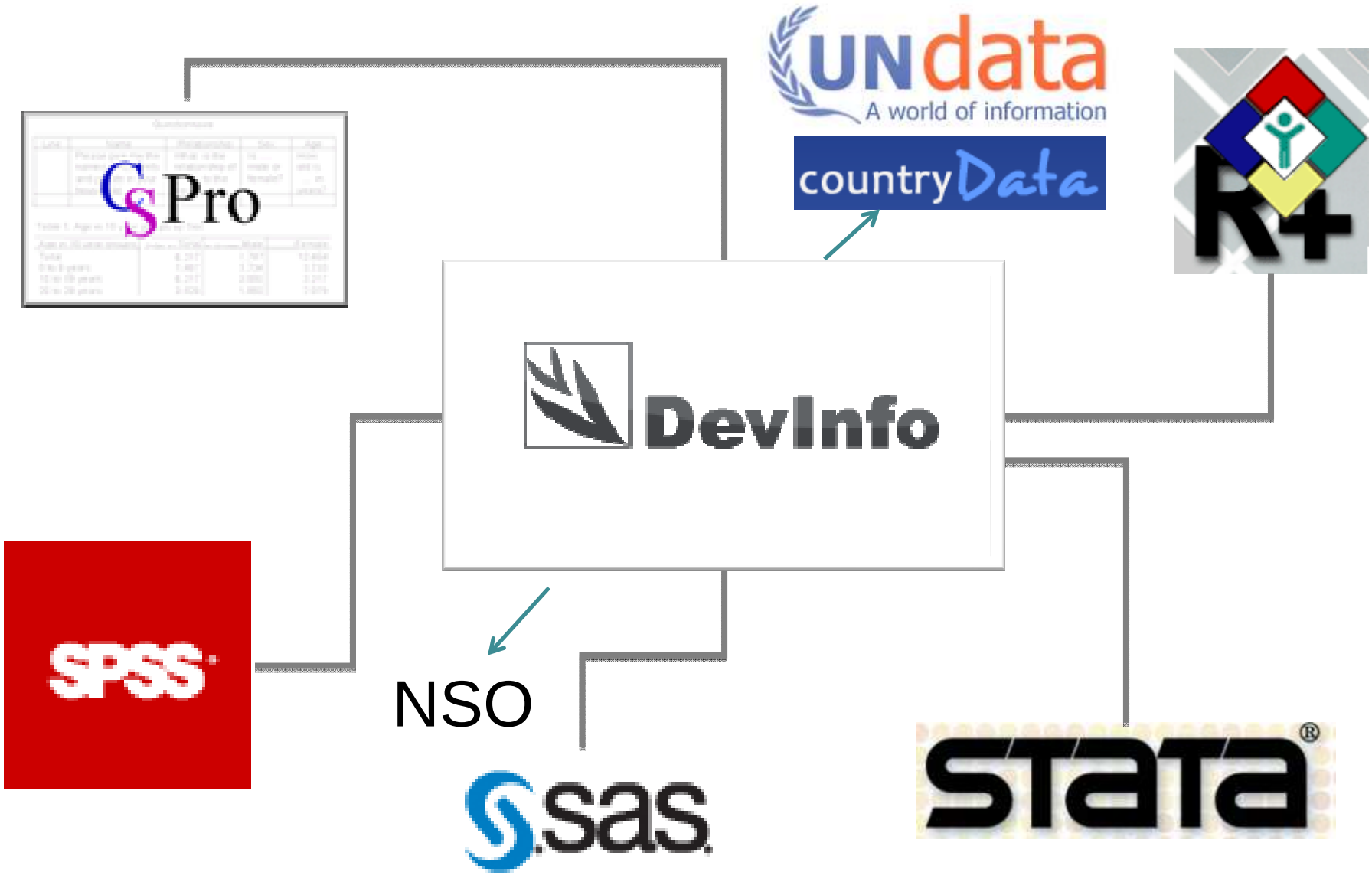
UNdata
A world of information
countryData
CSPro
DevInfo
R+
SPSS
NSO
SAS
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DevInfo
Facts. You decide.

ChildInfo *1995 - 2003*

UNICEF developed a database to monitor the World Summit for Children

DevInfo 4.0 *2004*

ChildInfo upgraded and launched in April 2004

UN Endorsement *2004*

Endorsed by the UN to assist Member States in monitoring MDGs

DevInfo 7.0 *2012 / 2013*

DevInfo 5.0 *2006*

Included first web-enabled version; May 2006

DevInfo 6.0 *2009*

Apr 2009

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DevInfo 6.0 - SOWC Info 2009 r2

DevInfo

Database SOWC Info 2009 r2

Data

	Time Period	Area ID	Area Name	Indicator	Data Value	Unit	Subgroup	Source
▶ ☑	2007	AFRDZA	Algeria	Under-five mortality rate	37	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRAGO	Angola	Under-five mortality rate	158	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRBEN	Benin	Under-five mortality rate	123	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRBWA	Botswana	Under-five mortality rate	40	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRBFA	Burkina Faso	Under-five mortality rate	191	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRBDI	Burundi	Under-five mortality rate	180	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCMR	Cameroon	Under-five mortality rate	148	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCPV	Cape Verde	Under-five mortality rate	32	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCAF	Central African Republic	Under-five mortality rate	172	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRTCD	Chad	Under-five mortality rate	209	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCOM	Comoros	Under-five mortality rate	66	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCOG	Congo	Under-five mortality rate	125	Deaths per 100...	Total	UNICEF_SOWC_2009
☑	2007	AFRCIV	Côte d'Ivoire	Under-five mortality rate	127	Deaths per 100...	Total	UNICEF_SOWC_2009

Under-five mortality rate

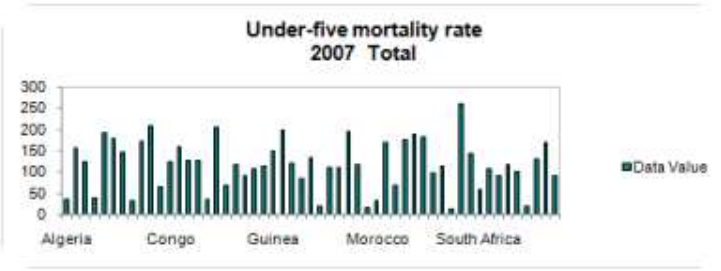
Under-five mortality rate

2007 Total

Area Name	Data
Algeria	
Angola	

Under-five mortality rate - Deaths per 1000 live births Total

Under-five mortality rate



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Facts. You decide.

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Select a continent and country.

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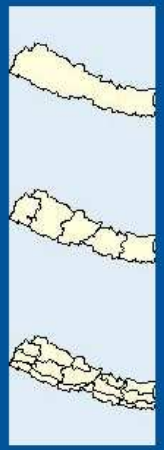
ASI - Asia | NPL | Nepal | Go

UN Cartographic Section Reference Map

Metadata	File Name	View	Shape Files	Area Names
	npl_l02_1998	86 k	170 k	44 k
	npl_l03_2003	109 k	498 k	46 k
	npl_l04_2003	671 k	1282 k	50 k
	npl_L05_2003		2588 k	54 k
	npl_l06_2005		18227 k	368 k

Disclaimer: The depiction and use of boundries, geographic names and related data shown on maps and included in lists, tables, documents and databases on this web site are not warranted to be error free nor do they imply official endorsement or acceptance by the United Nations

DevInfo 6.1 - MDG Info 2011 r11
DevInfo
Database MDG Info 2011 r11
Sector
Goal
Framework
Theme
Source
Institution
Convention
Indicator
Goal
Available (9)
Goal
Millennium Development Goals
Goal 1. Eradicate extreme poverty and hunger
Target 1.A: Halve, between 1990 and 2015, the proportion of people w
Target 1.B: Achieve full and productive employment and decent work f
Target 1.C: Halve, between 1990 and 2015, the proportion of people w
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
Indicator
1.01 Population below $1 (PPP) per day, Percent
1.02 Poverty gap ratio, Percent
1.03 Share of poorest quintile in national consumption, Percent
1.04 Growth rate of GDP per person employed, Percent
1.05 Employment-to-population ratio, Percent
1.06 Proportion of employed people living below $1 (PPP) per day, Percent
1.07 Proportion of own account and contributing family workers in total em...
1.08 Prevalence of underweight (moderate and severe), Percent
1.09 Undernourished population, Percent

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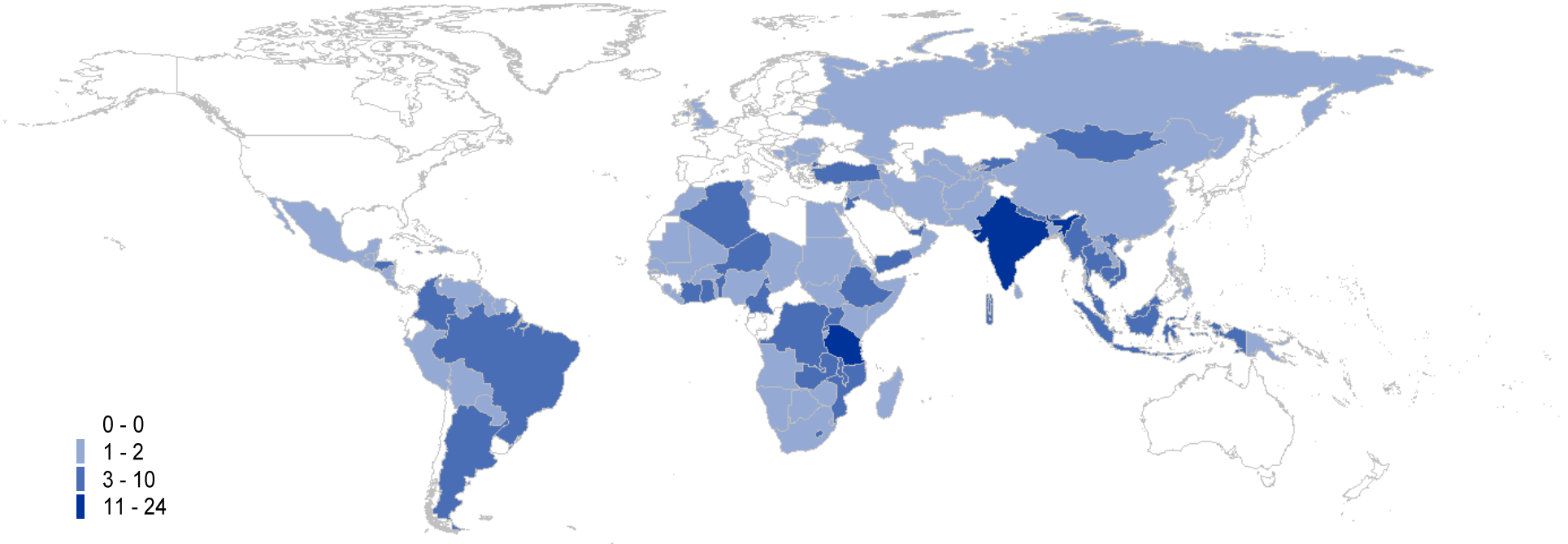
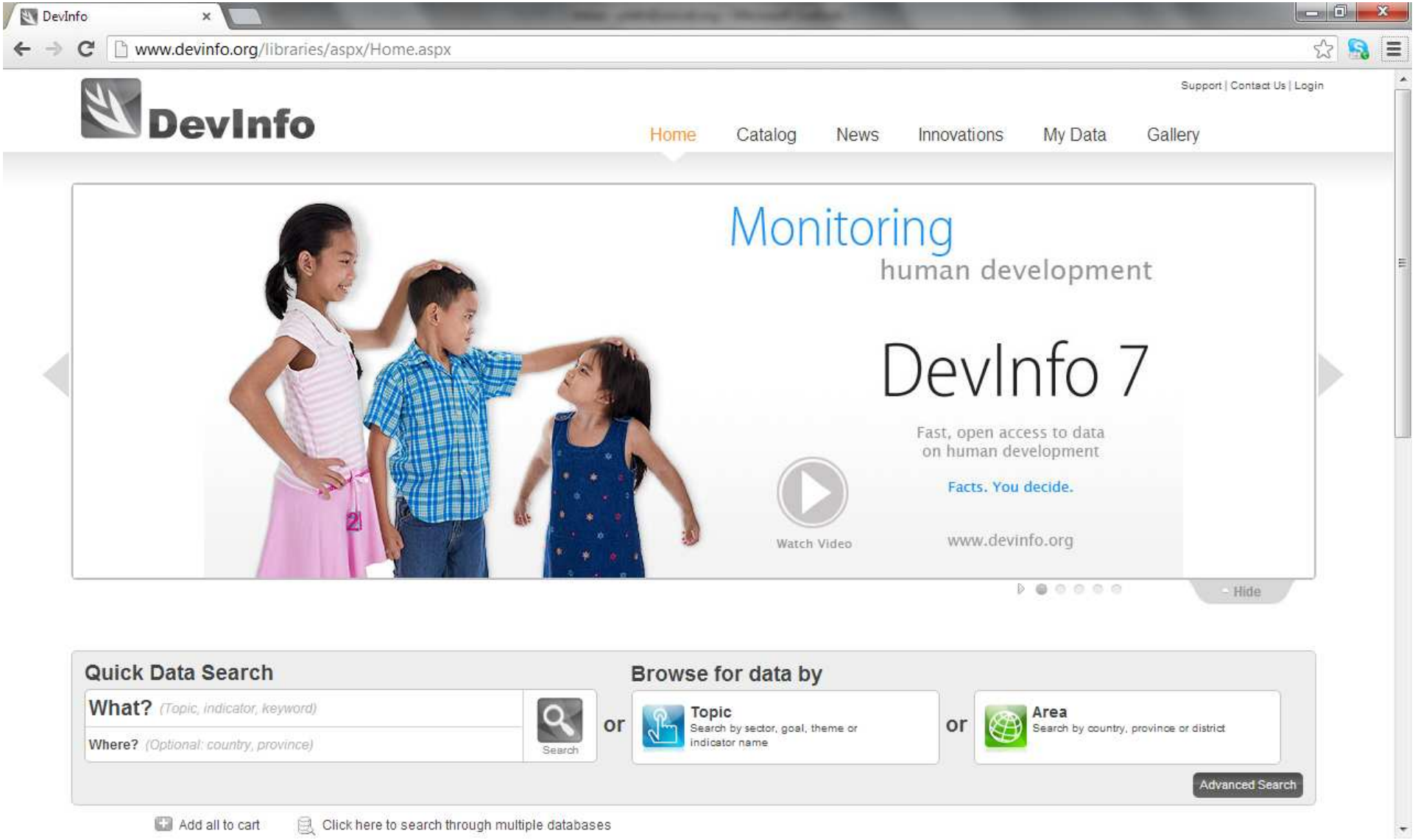
120+ countries
400+ adaptations

2012



Note: The boundaries and the names shown and the designations used on these maps do not imply official endorsement or acceptance by the United Nations.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Country Programming

- Country Programme Document developed locally and approved by Executive Board
- Aligned with UN Development Assistance Framework
- Promote the use of data for evidence-based policy and decision making

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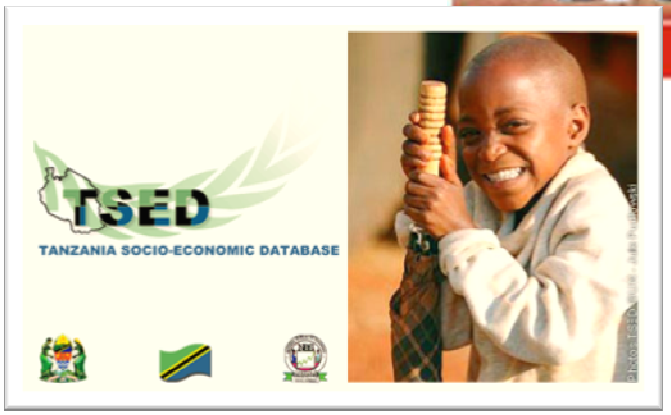
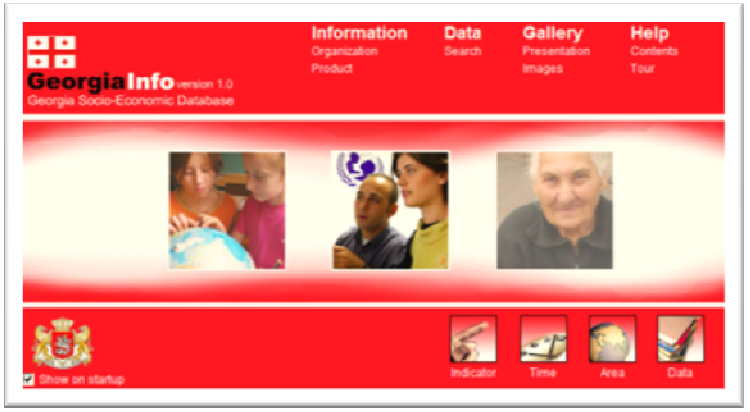
adaptations by over

130 countries





DevInfo/UNICEF at Country Level

- Support to DevInfo capacity building
- Support to technical work of building databases
- Support to development of advocacy materials
- Support to digitization of admin boundaries
- Support to develop innovative spin-offs such as dashboards and profiles

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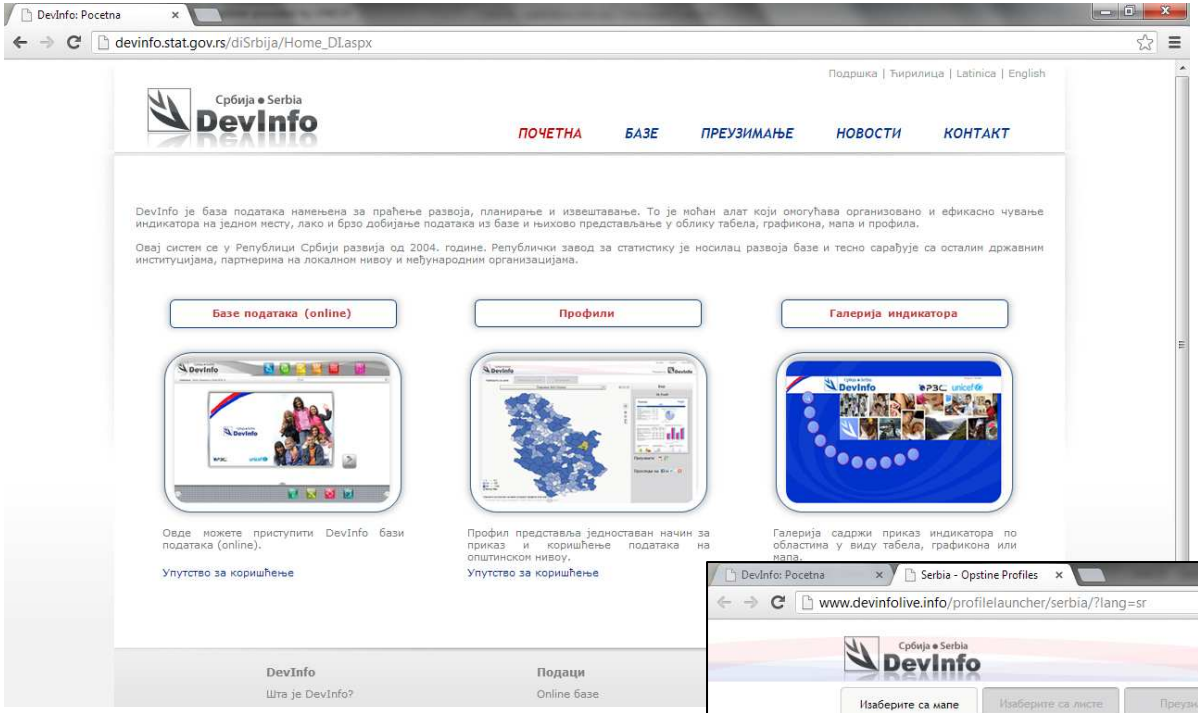
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Србија • Serbia
DevInfo
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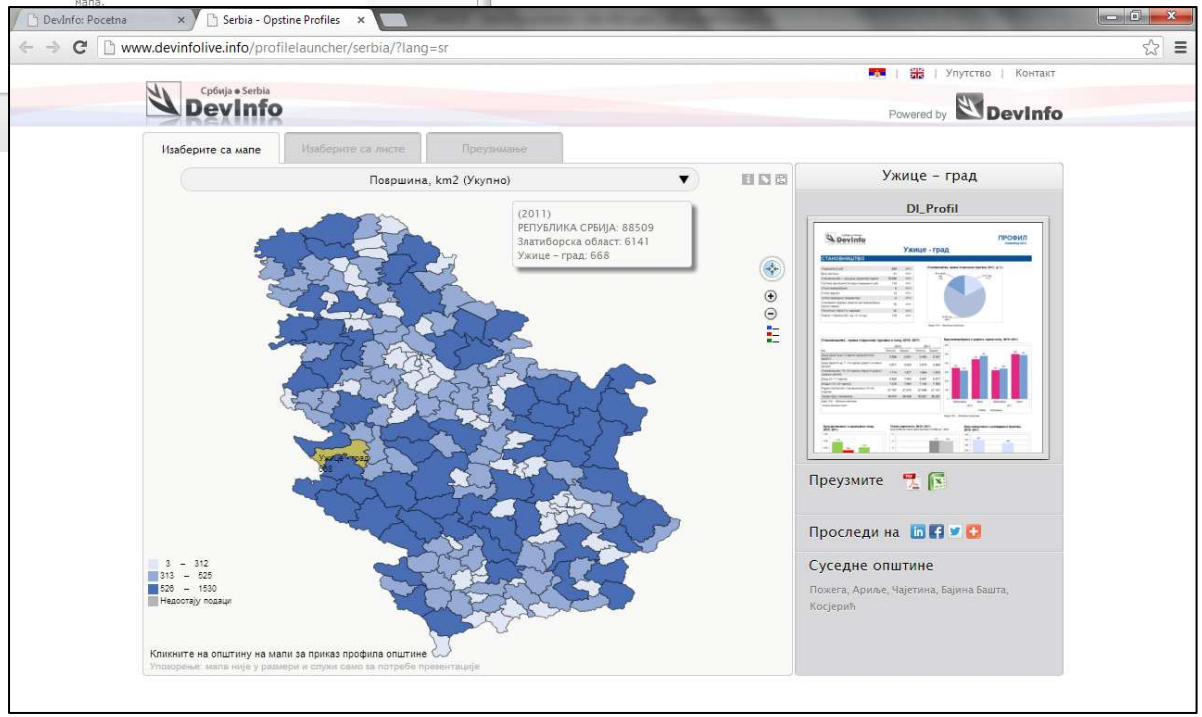
ПРЕУЗИМАЊЕ
НОВОСТИ
КОНТАКТ
DevInfo је база података намењена за праћење развоја, планирање и извештавање. То је моћан алат који омогућава организовано и ефикасно чување индикатора на једном месту, лако и брзо добијање података из базе и њихово представљање у облику табела, графикона, мапа и профила.
Овај систем се у Републици Србији развија од 2004. године. Републички завод за статистику је носилац развоја базе и тесно сарађује са осталим државним институцијама, партнерима на локалном нивоу и међународним организацијама.
Базе података (online)
Профили
Галерија индикатора
Овде можете приступити DevInfo бази података (online).
Упутство за коришћење
Профил представља једноставан начин за приказ и коришћење података на општинском нивоу.
Упутство за коришћење
Галерија садржи приказ индикатора по областима у виду табела, графикона или мапа.
DevInfo
Шта је DevInfo?
Подаци
Online базе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Serbia - Opstine Profiles
www.devinfolive.info/profilelauncher/serbia/?lang=sr
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Србија • Serbia
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Powered by DevInfo
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Изаберите са листе
Преузимање
Површина, km2 (Укупно)
(2011)
РЕПУБЛИКА СРБИЈА: 88509
Златиборска област: 6141
Ужице – град: 668
3 – 312
313 – 525
526 – 1530
Недостају подаци
Кликните на општину на мапи за приказ профила општине
Ужице – град
DI_Profil
Преузмите
Проследи на
Суседне општине
Пожега, Ариље, Чајетина, Бајина Башта, Косјерић

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www.childinfo.org

Childinfo

Monitoring the Situation of Children and Women

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UNICEF is committed to changing the world for children. It strives to protect their rights, improve their health, and nurture their development through sound planning and monitoring of policy results.

UNICEF plays a central role in monitoring the situation of children and women – by assisting countries in collecting and analysing data, helping to develop methodologies and indicators, maintaining global databases, disseminating and publishing data. UNICEF is also the lead agency responsible for the global monitoring of the child-related Millennium Development Goals (MDGs).

This website contains UNICEF's statistical information, including data used in UNICEF's flagship publications, ***The State of the World's Children*** and ***Progress for Children***. Also here are technical resources for conducting UNICEF-supported Multiple Indicator Cluster Surveys (MICS), which are a major source of global development data.

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- Child Survival and Health
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- Maternal Health
- Newborn care
- Water and Sanitation
- Education
- Child protection
- Child disability
- Early childhood development
- HIV/AIDS
- Millennium Development Goals
- A World Fit for Children
- Countdown to 2015
- Statistical Country Profiles

Multiple Indicator Cluster Surveys (MICS)

Through MICS, UNICEF supports countries to collect data on the situation of children and women

MICS Brochure

MICS4 questionnaires and indicator list

List of available MICS reports and datasets

- MICS5
- MICS4
- MICS3
- MICS2
- MICS1

Visit MICS Compiler and access key indicators

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