

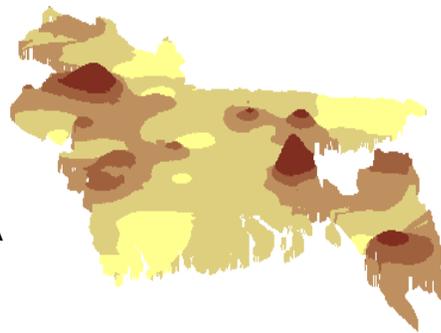
CIETmap: free GIS and epidemiology software from the CIET group, helping to build the community voice into planning

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You don't have to be a meteorologist to read a weather map, and you don't need a GIS expert to interpret a CIETmap.

CIETmap is an analysis, decision and communication tools to share facts from surveys and services in a way that is easy to understand.

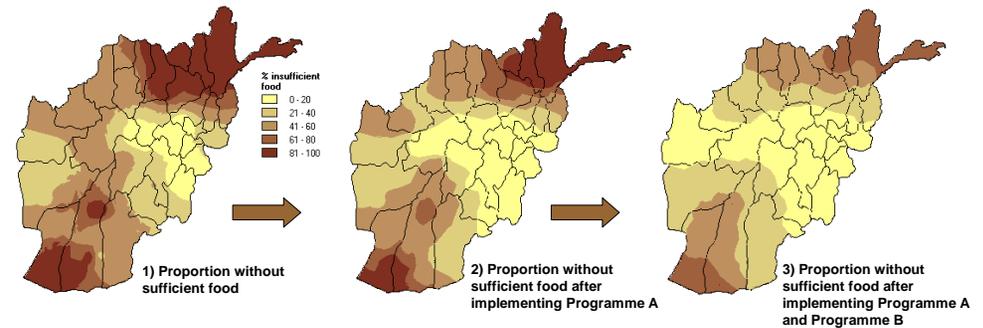
CIETmaps weight for population size. A sample or all communities create a continuous raster surface of each indicator. Dark areas represent populations in need of attention or more investment.



'Morph maps' show variations in an indicator over time, or they can model different investment scenarios.

Maps can help to take decisions:

- potential impact of an intervention
- compare interventions from place to place
- evaluate synergies of interventions



CIET analysis 1.0

Data Set: INTER.dbr (2370 of 2370 selected) 2.549 s

Selection:

Analysis Level 1

Output Data

Command: TABLES SDI Q2SEXRES MAAH

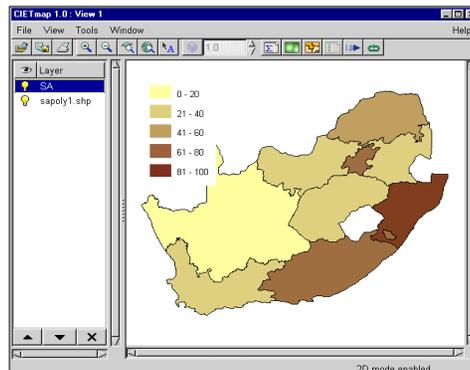
Exposure:	Q2SEXRES	SDI		Total	
		1	2		
Outcome:	SDI	1	154	376	530
		>	29.1%	79.9%	22.6%
Strat 1:	MAAH	2	28.2%	28.9%	181.0
		>	21.8%	78.4%	77.4%
Strat 2:			71.8%	79.1%	
Total:		546	1797	2343	
		23.3%	76.7%		1.48
		Chi square = 12.68			
		Degrees of freedom = 1			

Command Line:

Command: TABLES Q2SEXRES SDI MAAH

TABLES <var1> [<var2> ... <var10>]

The epidemiology analysis module allows interaction with a range of statistics, from simple or weighted frequencies through to epidemiological models of gains with different investment strategies.



Results display seamlessly as raster or vector maps, providing a visual summary of complex data that might otherwise require several large tables.

CIETmap can be used for:

- raster surface mapping
- vector polygon mapping
- analysis and modelling
- population weighted interpolation
- time-series maps
- investment scenarios
- communication of findings

CIETmap can be customized:

- custom colour palettes
- preference settings
- help files/training modules

Who can use CIETmap?

- planners and decision makers
- academics and researchers
- other non-GIS technicians

The five CIET levels of indicators:
Level 0 - outcome and coverage, weighted or unweighted by population: % of children vaccinated

Level 1 - individual risk (odds ratios): the risk of an unvaccinated child compared with a vaccinated one

Level 2 - gains (population attributable %): the number of children who would be spared if *all* were vaccinated

Level 3 - combined gains: the net effect of vaccination, deworming, food supplements, etc -- whatever has an impact

Level 4 - investment options: the best combination of interventions with the available resources

CIET www.ciet.org
building the community voice into planning

The CIET group of non-profit, non-governmental organisations, charities and research institutes is dedicated to building the community voice into planning. CIET involves communities in gathering and interpreting quantitative and qualitative evidence. CIET analysis focuses on impact, coverage and costs, to produce locally relevant community-led solutions.

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