



USAID
FROM THE AMERICAN PEOPLE

Session 8

Analyzing and Using Data



Session Objectives

By the end of this course, participants should be able to:

- Better analyze and use performance data for decision-making.

- Monitoring and analysis of performance data is at the core of USAID's adaptive management process.
- USAID relies on the best available evidence and analysis to **make management decisions, learn more systematically, and document program effectiveness**



Ways to Analyze Data

- Comparing actuals to targets
- Comparing current performance to past performance
- Analyzing trends
- Disaggregate results
- Analyzing patterns
- Comparing against other indicators
- Mapping



Analyzing Performance Data Comparing Actuals to Targets

		Baseline		FY 2012			FY 2013		
	Indicator	Date	Actual	Target Rationale	Target	Actual	Target Rationale	Target	Actual
1.1.1	Number of public policies introduced, adopted, repealed, changed or implemented consistent with citizen input	2012	0	Mechanisms for citizen input need development	1	1	Mechanisms for citizen input improved	5	4
	Dimension of NGO Sustainability Index: Advocacy	2011	4.3	Trend analysis of last 5 years	4.2	4.2	Project gains momentum	4.0	4.2
1.1.2	Dimension of NGO Sustainability Index: Legal Environment	2011	3.3	Expert judgment	3.3	3.5	Project gains momentum	3.0	3.5
	Number of laws and regulations adopted/amended to improve CSO enabling environment	2012	0	Political environment restrictive; no current bills underway	1	1	Improved advocacy practice by CSOs	3	3
1.1.3	Number of laws and regulations adopted/amended to improve media environment	03/2013	4	Project will support adoption of 4 laws in process + 2 new ones	6	6	Project supports 6 laws	6	3
	% of citizens who trust in media	02/2010	30%	Prior studies & experts indicate trust is low	35%	29%	Journalists demonstrate improved skills & ethical practice	45%	32%



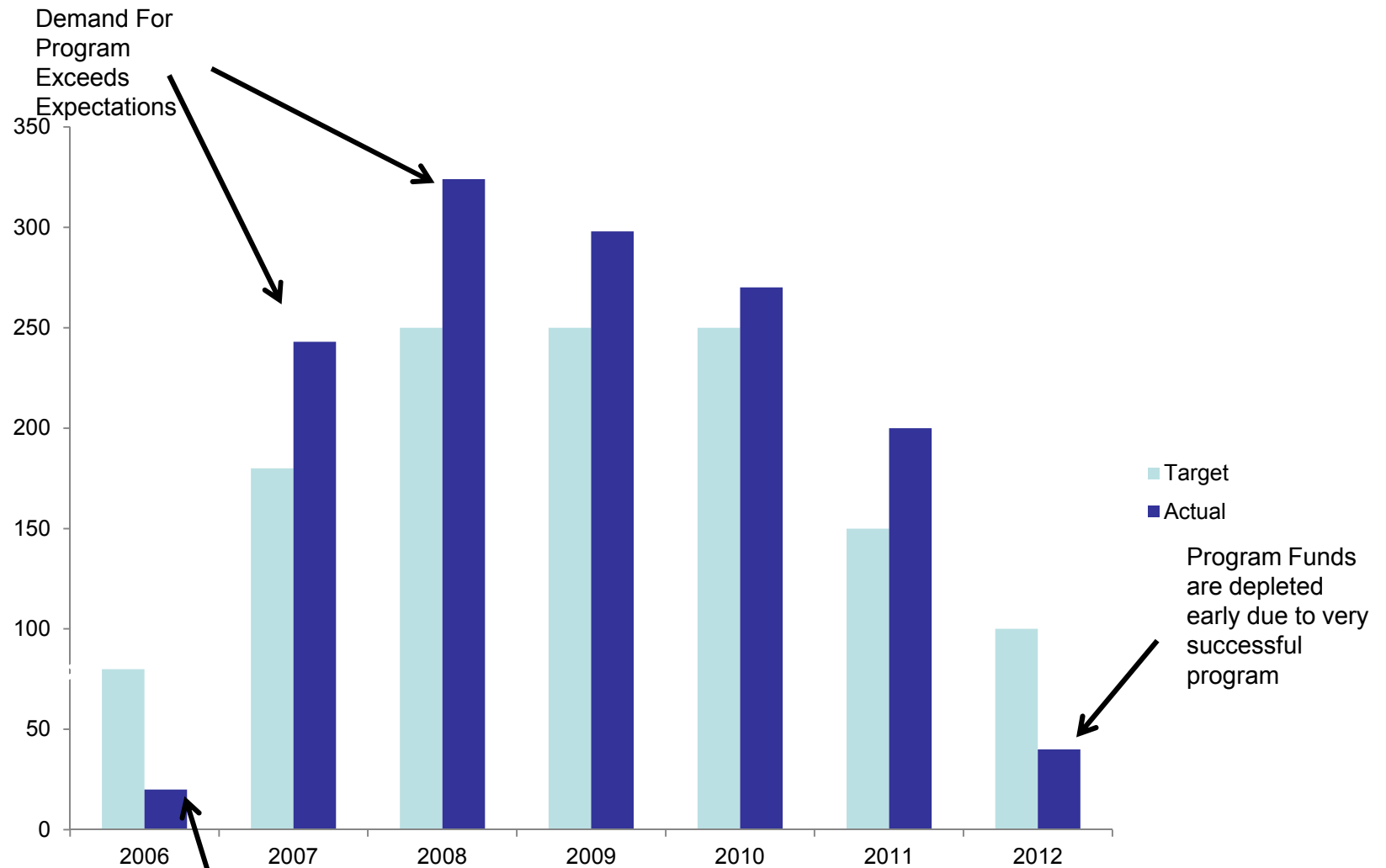
Analyzing Performance Data Comparing Actuals to Targets

		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		FY 2012	
	Indicator	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
3.2.3	Number of teachers trained	80	20	180	243	250	324	250	298	250	270	150	200	100	40



Analyzing Performance Data Comparing Actuals to Targets

Teachers
Trained



Program implementation
started later than projected in year

Disaggregation

Expose differences between

- Groups
- Index components

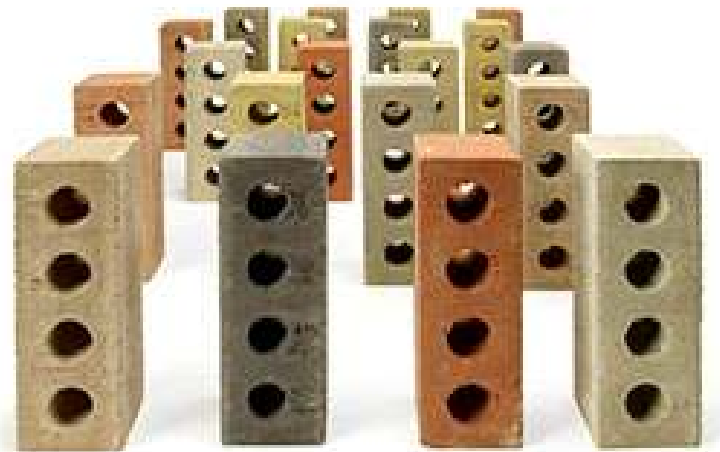
Disaggregate by:

sex, age, income

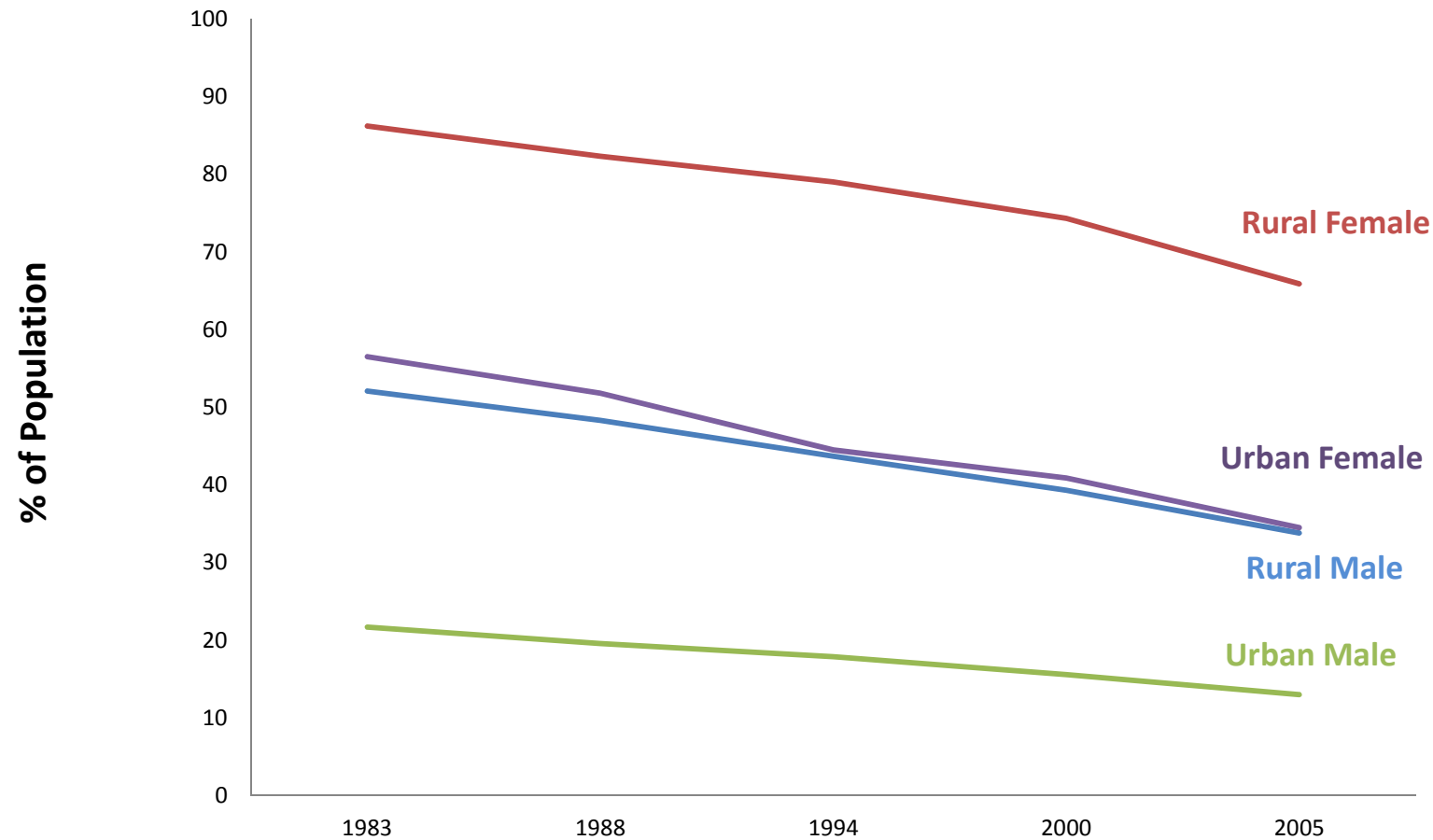
urban/ rural or other geographical location,

socio-cultural or ethnic background, language,

political/administrative units



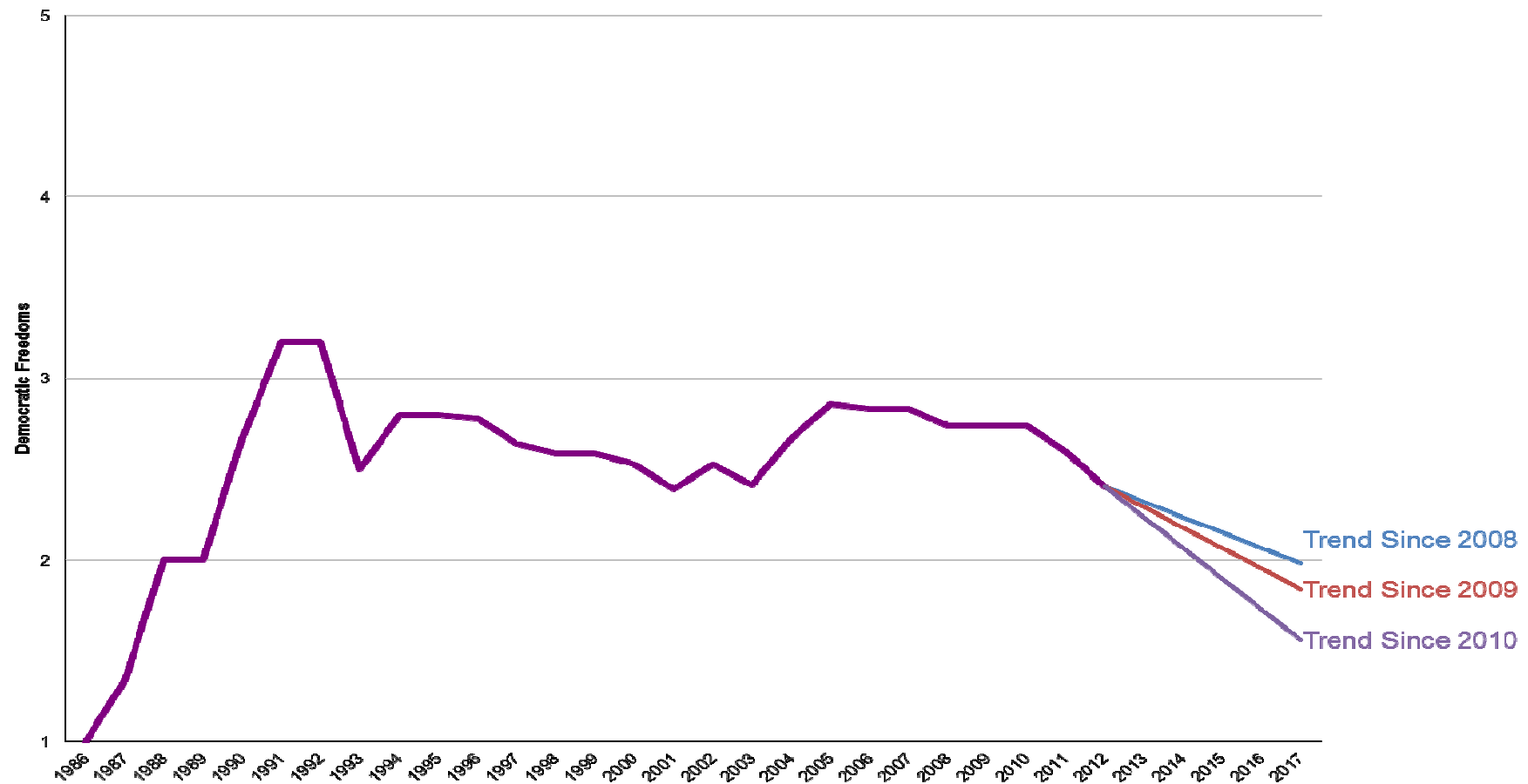
Illiteracy in India by Sex and Rural/Urban



Analyzing Performance Data

Trend Analysis

Democratic Reforms In Ukraine



Analyzing Performance Data Disaggregation

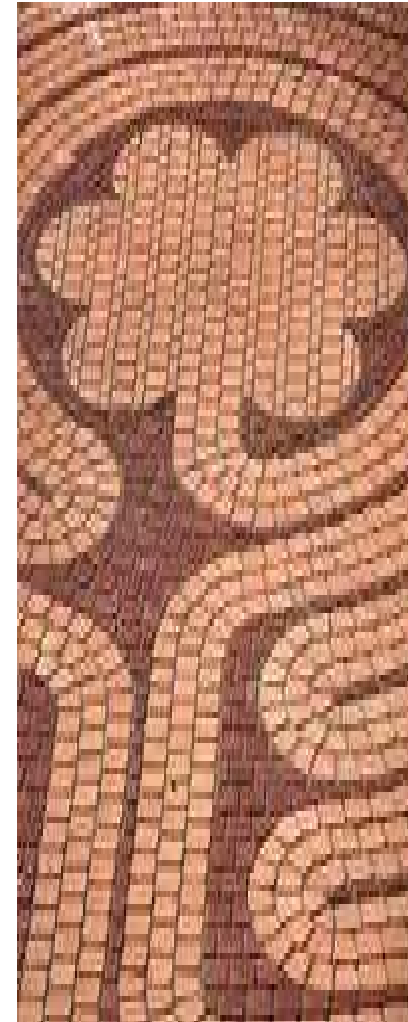


Source: Freedom House, *Nations in Transit* 2010.

Looking for Patterns

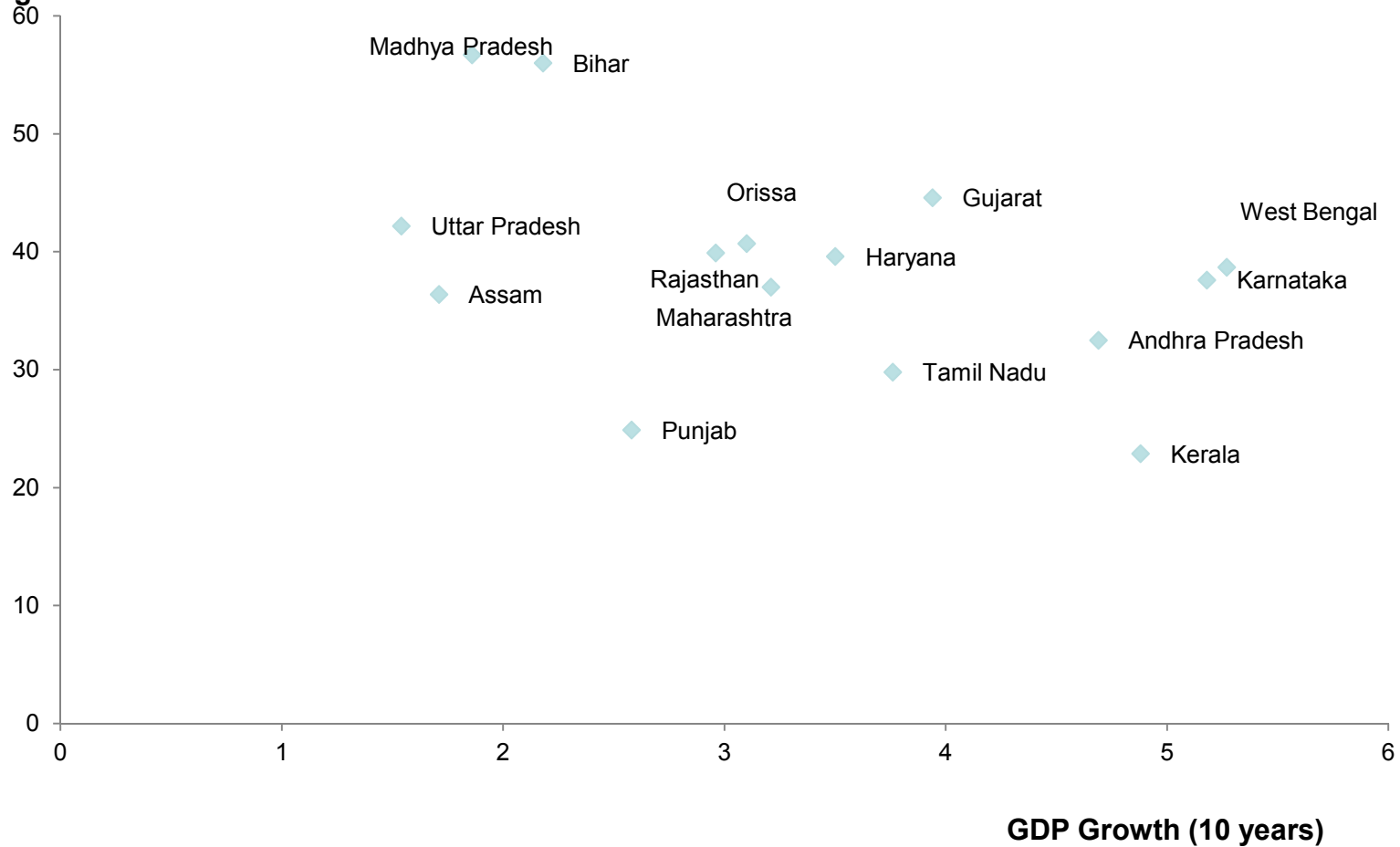
Compare PM data with

- Other indicators for the same result
- Context indicators
- Other geographical areas
- International & national standards
- Data from other sources (other donors, partners, govt)



Malnourishment vs GDP Growth (10 yr)

% of
Underweight
Children



Analyzing Performance Data: Mapping

Project Site ID	Percent of Total Deliveries at Registered Facilities		
	Baseline	Target	Actual
1	47%	80%	82%
2	24%	45%	49%
3	12%	25%	27%
4	16%	30%	18%
5	21%	40%	46%

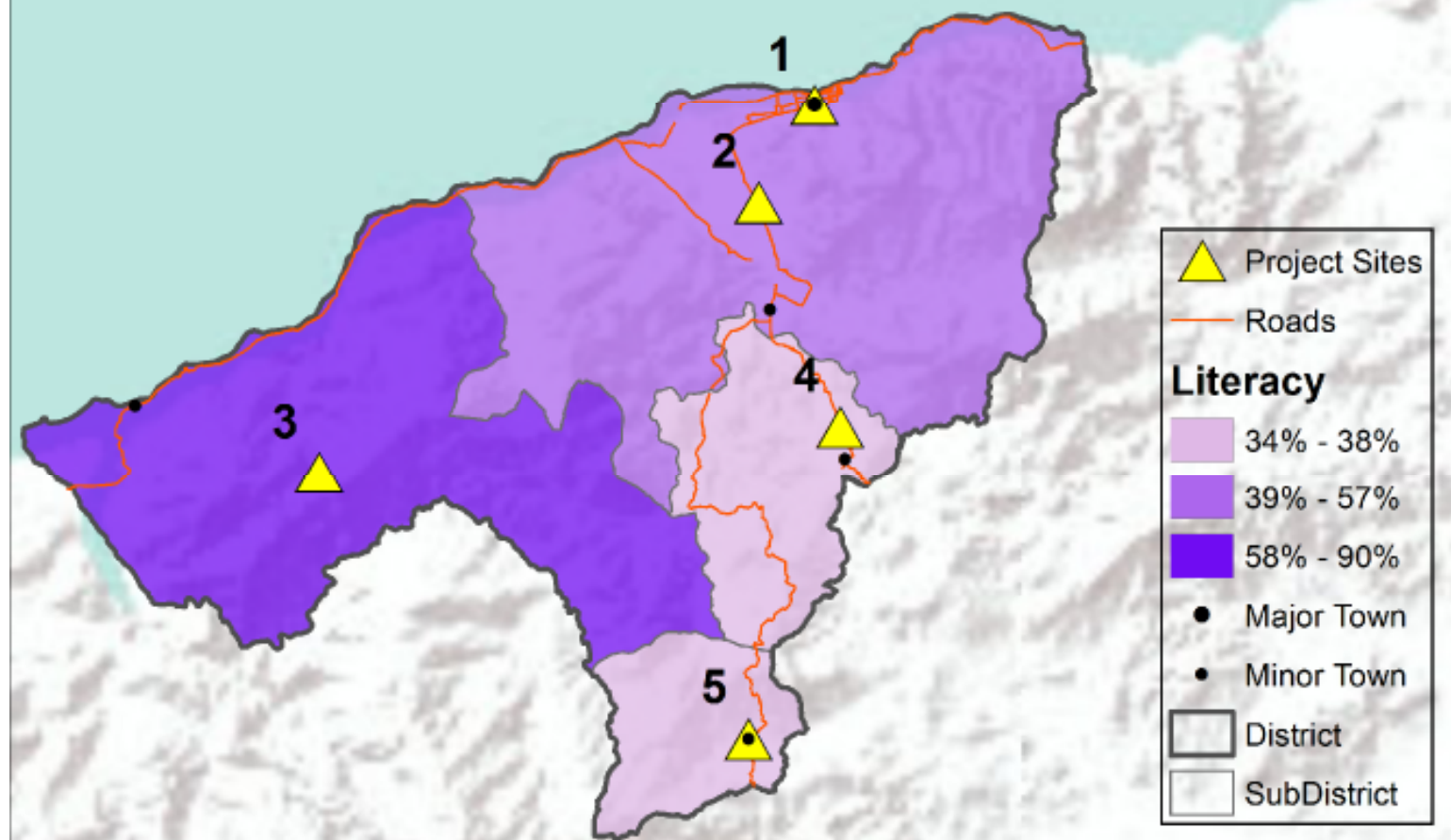
**East Timor -
Improving
Infant and
Child Health**



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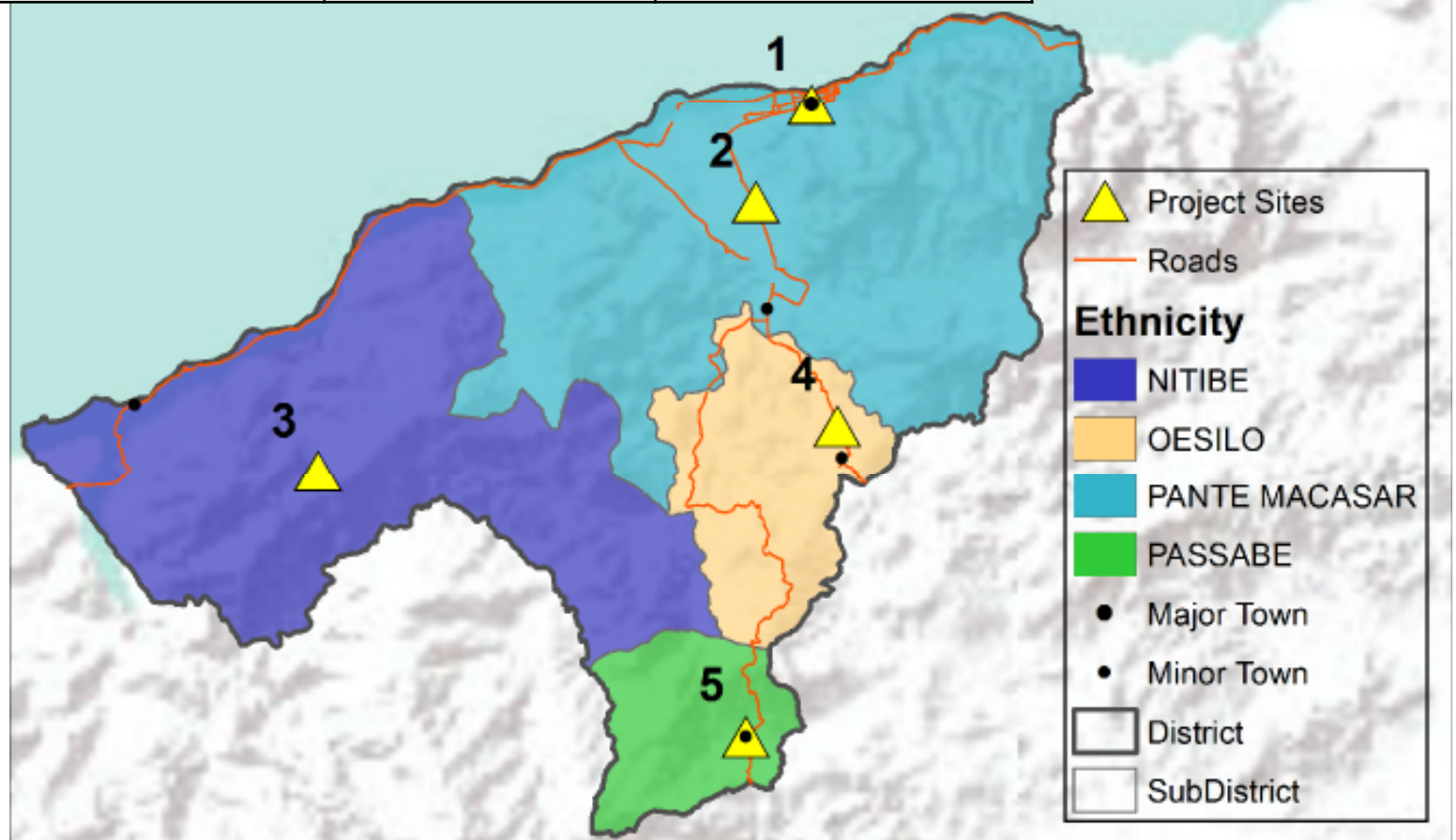
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Ways to Utilize Knowledge Gained from Data Analysis

Discussion

What are the ways to Utilize Knowledge Gained from Data Analysis?

How is M&E data discussed within your Activity and with USAID?



Ways to Utilize Knowledge Gained from Data Analysis

- Re-examine causal logic of the Results hierarchy
- Respond to identified context changes
- Enhance dialogue, collaboration and coordination with stakeholders around new knowledge and **learning**
- Share knowledge to influence others
- Inform implementation and facilitate adaptive management
- **Identify additional data that we need**