

AMP Net Mapping Project

Net Mapping Project 2004 - 2014

Global LLIN deliveries by region and year				
in LLINs		Sub-Saharan Africa	Rest of World	Total
	2004	5,617,184		5,617,184
	2005	16,944,713		16,944,713
	2006	46,842,964		46,842,964
	2007	43,805,000		43,805,000
	2008	60,151,197		60,151,197
	2009	88,476,937	13,226,517	101,703,454
	2010	145,209,800	20,473,178	165,682,978
	2011	88,003,106	38,678,392	126,681,498
	2012	70,272,798	18,181,481	88,454,279
	2013	142,976,486	22,267,890	165,244,376
	2014	189,205,502	22,151,629	211,357,131
	Total	897,505,687	134,979,087	1,032,484,774

11 net manufacturers with the support of the donor community produced and delivered (2004-2014) over 1.0 billion nets, globally!

Still some questions:

1. Do we have sufficient nets for Universal Coverage?
2. Are distributed nets adequate to cover all those at risk?

1. Do we have sufficient nets for Universal Coverage?

- **Need**

1. Determine the number of people at-risk to malaria in each country and sum for all of SSA
2. Determine the number of nets needed to cover all these people at-risk

- **Supply**

1. Add up all the nets delivered
2. Account for annual deterioration

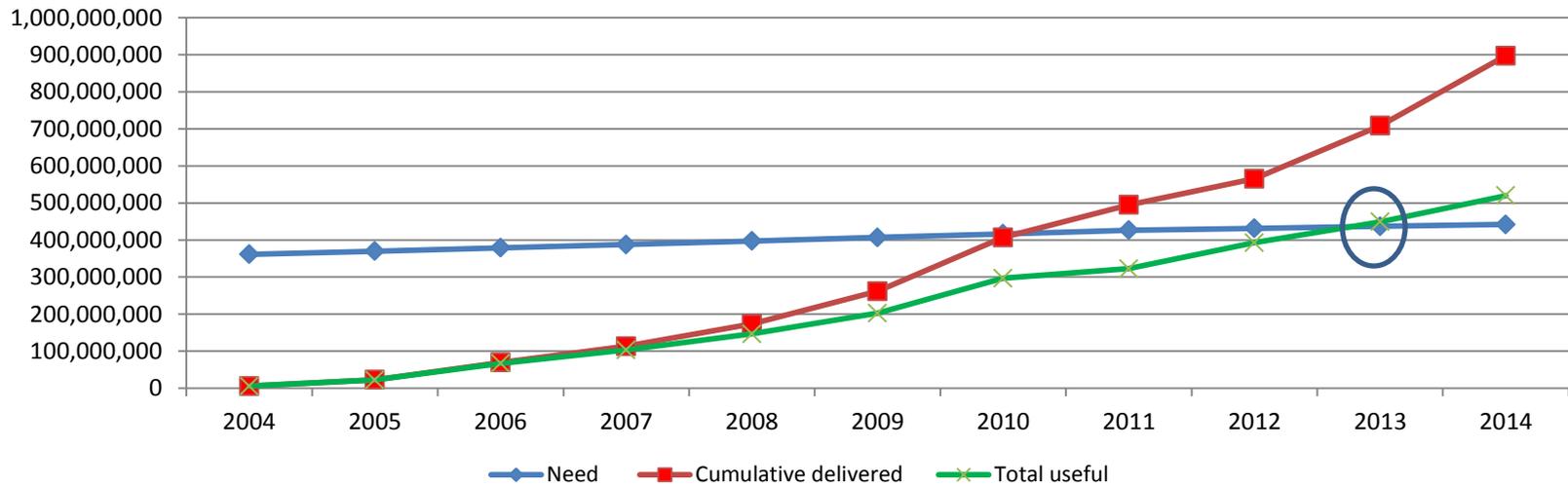
- **Calculate**

1. Compare the useful nets available with the number of nets needed
2. Determine if we have produced and delivered enough nets to cover all at-risk to malaria in SSA

Simple calculations:

1. Persons at-risk to malaria by country in SSA
2. Nets needed (persons at risk /1.8 persons)
3. Net deliveries (2004 – 2014) by country
4. Deterioration rates per A. Kilian

LLINs produced and delivered In sub-Saharan Africa 2004 - 2014

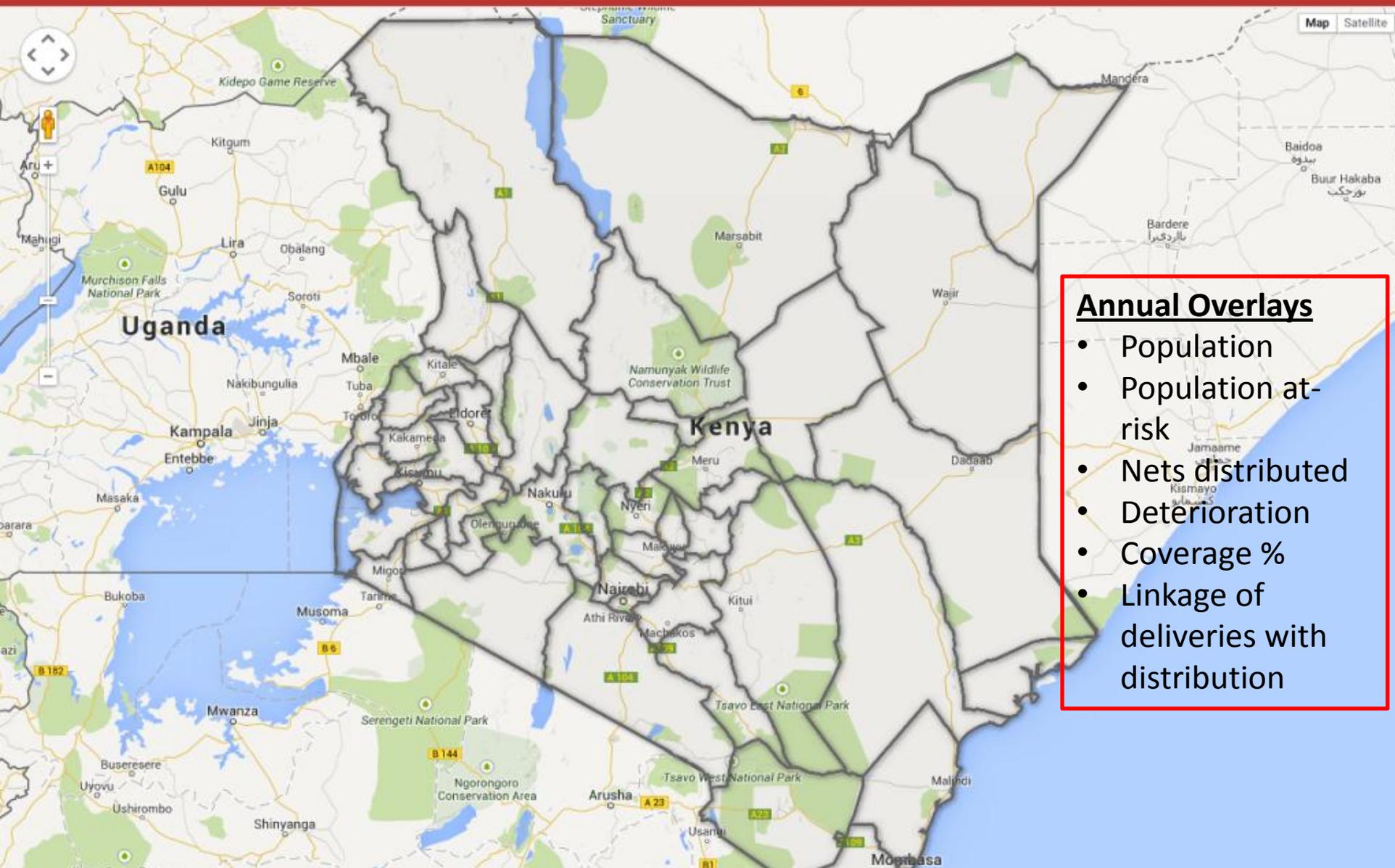


- We now have enough nets in sub-Saharan Africa to cover all at-risk to malaria
- Need to focus on distribution and use
- Deterioration is constant

2. Are distributed nets adequate to cover all those at risk?

Expansion of the Net Mapping Project: *map district level distribution*

1. At this point we have received reliable distribution data of LLINs by district in four countries
 - Angola
 - Kenya
 - The Gambia
 - Pakistan
2. We are compiling additional data by district in each country
 - Persons at risk
 - Cumulative distributions
 - Applying deterioration rates and creating useful nets by district
3. Goal – To be able to track thru maps the coverage levels over time by district



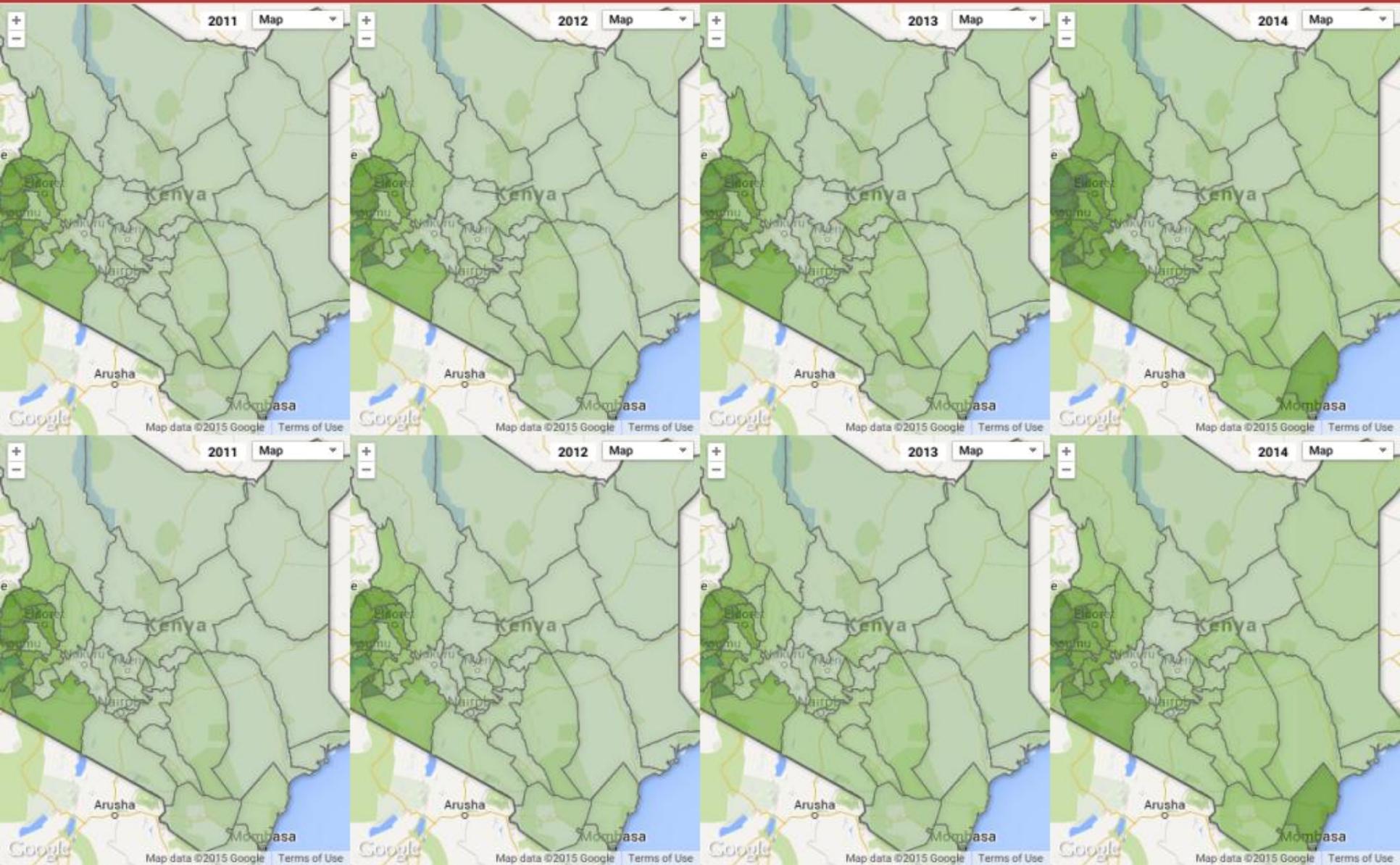
Annual Overlays

- Population
- Population at-risk
- Nets distributed
- Deterioration
- Coverage %
- Linkage of deliveries with distribution

LLIN distribution by county in Kenya

AMP Net Mapping - Kenya

Maps & Overlays ▾



Project is at the initial stage

- **Goal is to have all countries mapped to show:**
 1. Population at risk at the sub-national level
 2. LLIN distribution at district/county level
 - Mass and continuous
 3. Impact of deterioration
 4. Regions of high and low net coverage of persons at-risk
 5. Areas of focus for future distributions
- **We believe that maps have the ability to highlight areas often missed in tables of data**

To date we have district level LLIN distribution data from four countries

- Kenya
- The Gambia
- Angola
- Pakistan

We appeal to other countries to supply this information so we can expand the Net Mapping Project and provide the Malaria Community a set of useful maps that track coverage of persons at risk