# Application of the *Allocate* model in decentralized settings in two oblasts in Ukraine

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#### Allocate Model

#### I. What is the *Allocate* Model?

The *Allocate* model is intended to improve resource allocation both within and across the components of reproductive health programs by integrating three key reproductive health models: family planning, safe motherhood, and postabortion care. Since most reproductive health action plans are comprehensive, this integration enables users to identify synergies among areas of reproductive health to maximize use of limited resources for greatest impact.

Illustrative

Interventions

Note: There is no separate component for adolescents. They were examined separately within each component.



**Family Planning** 

Safe Motherhood ----

Schematic representation: An application of the *Allocate* model includes the development of various scenarios that focus on achieving different levels of change in select national and subnational indicators,

such as CPR, MMR, number of abortions, etc. Once levels of indicators have been decided, the *Allocate* model then assists in calculating the cost of achieving these specified levels and highlights any syner-

Resource Allocation for Reproductive Health Action Plans



**Outcomes** 

Unwanted pregnancies

aternal mortality ratio

Child survival

gies among intervention areas. For example, what is the likely effect on maternal mortality if funding for family planning is reduced or increased?

**Intermediate** 

**Behaviors** 

Percent married

#### Components of Allocate

#### DemProj

a) Population Figuresb) Sex Ratio at birth

c) Life Expectancy

#### FamPlan

a) Contraceptive Prevalence Ratesb) Family Planning Method Mix

c) Total Fertility Rate

d) Unmet Need for Contraception

#### Post Abortion Care

a) Percentage of Legal Abortions

b) Percentage of abortions needing treatment

c) Unintended pregnancies terminated by abortion

d) Maternal Mortality Ratio

#### Safe Motherhood

a) Maternal and Neonatal Program Index (MNPI)b) WHO's Mother baby Package

#### II. Why use the Allocate model?

#### The Allocate model:

- Assists countries in creating strategies and implementation plans with realistic targets that are influenced by the level of resources available. The model links the plans to the cost of meeting their specific targets.
- Is interactive and encourages multisectoral dialogue around critical decisions such as:
- How can we best use available resources?
- Can we meet desired goals with the resources available?
- Are we maximizing our budget?
- Assists governments in making critical decisions about the allocation of scarce resources by providing information on potential outcomes of various resource allocation scenarios
- Displays the information on one summary screen that is easy to understand and can assist in policy dialogue.

### III. Objective of the project

Allocate in Ukraine

To assist stakeholders at the oblast level in Ukraine, by using *Allocate* application, in prioritizing and designing their Reproductive Health Plans for 2007.

## IV. Methodology for application in decentralized settings

Vinnytsia and Zhytomyr were chosen based on consultation with the government. Necessary data were collected on:

- Cost of reproductive health services
- User rates of reproductive health services
- Oblast levels of reproductive health indicators

Zhytomyr				
Facility	Sample Size	Total Facilities		
Midwife Unit	14	884		
Rayon Hosp.	7	23		
Oblast Hosp.	2	5		

Vinnytsia				
Facility	Sample Size	Total Facilities		
Midwife Unit	14	953		
Rayon Hosp.	7	27		
Oblast Hosp.	2	5		





#### Three different scenarios were modeled

Scenario #1 – Base Scenarios- Current Situation (all other scenarios are compared to the base)

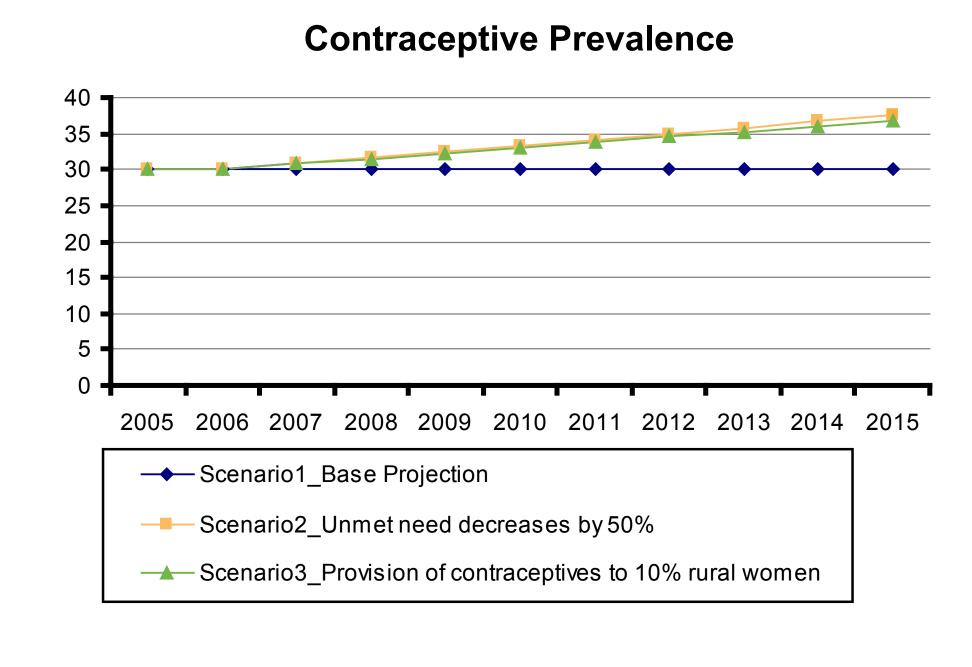
Scenario #2 - Reduce unmet need by 50% by 2015

Scenario #3 – Provide 10% of rural women with free Contraceptives

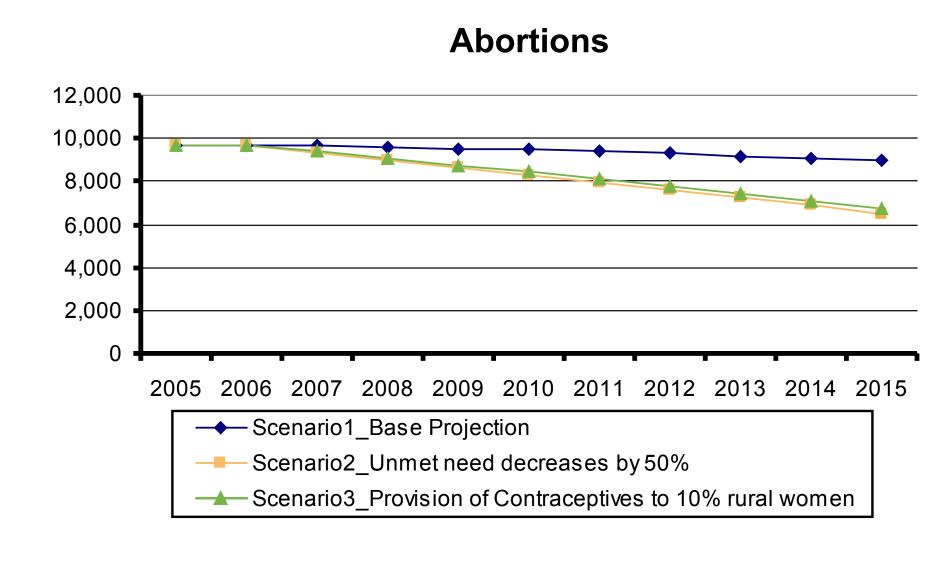
#### V. Results

The scenarios created are compared against a base scenario that reflects a continuation of the current situation if all indicators were to remain constant. This provides a baseline to see potential change by implementing various scenarios. Data presented here relates to Vinnytsia oblast.

1. Implementing scenario 2 or 3 would potentially increase Contraceptive Prevalence Rate by about 7%.



2. This 7% increase in Contraceptive Prevalence Rate would cause a 25% reduction in the number of abortions, one of the key indicators for the oblast as well as Ukraine overall.



**Note:** Providing free contraceptives to a certain percentage of rural women will increase the costs of family planning, but reduce the costs of post abortion care. (This will also decrease the cost of abortions)

3. Cost Comparisons for Scenarios

Cost Comparisons for Scenarios in Allocate				
Scenario	2005 (millions Hryvna)	2015 (millions- Hryvna)	Explanation	
1. Base (Current Situation)	38.4	38.1	Decrease in the base budget scenario is due to the decreasing population size in Ukraine	
2. Reduce Unmet Need by 50%	38.4	39.8	A 50% reduction in unmet need only slightly increases the overall budget. This is due to the resultant decrease in the number of abortions and therefore postabortion care.	
3. Provide 10% rural women with free Contraceptives	38.4	44.5	Provision of free contraceptives to 10% poor rural women increases the budget by 11.8%. However, it provides a 25% reduction in the number of abortions	

#### Summary

The *Allocate* application helped Zhytomyr and Vinnitsia oblasts prioritize RH/FP interventions and develop scenarios for proposed program activities that address oblast-specific challenges.

The financial projections by *Allocate* model and corresponding presentations generated discussions and resulted in real advocacy for efficient resource allocation.

The application further helped in appropriate budgeting of RH/FP oblast programs before submission to local administrations for approval.

The *Allocate* model and its components helped to develop oblast-level RH action plans. The challenge lay in the fact that it was the first time that oblasts were asked to prepare their own plans that had to be in line with the National Reproductive Health Plan. *Allocate* strengthened the dialogue among national programs, donors and other stakeholders about RH priorities and led to more efficient resource allocation.

