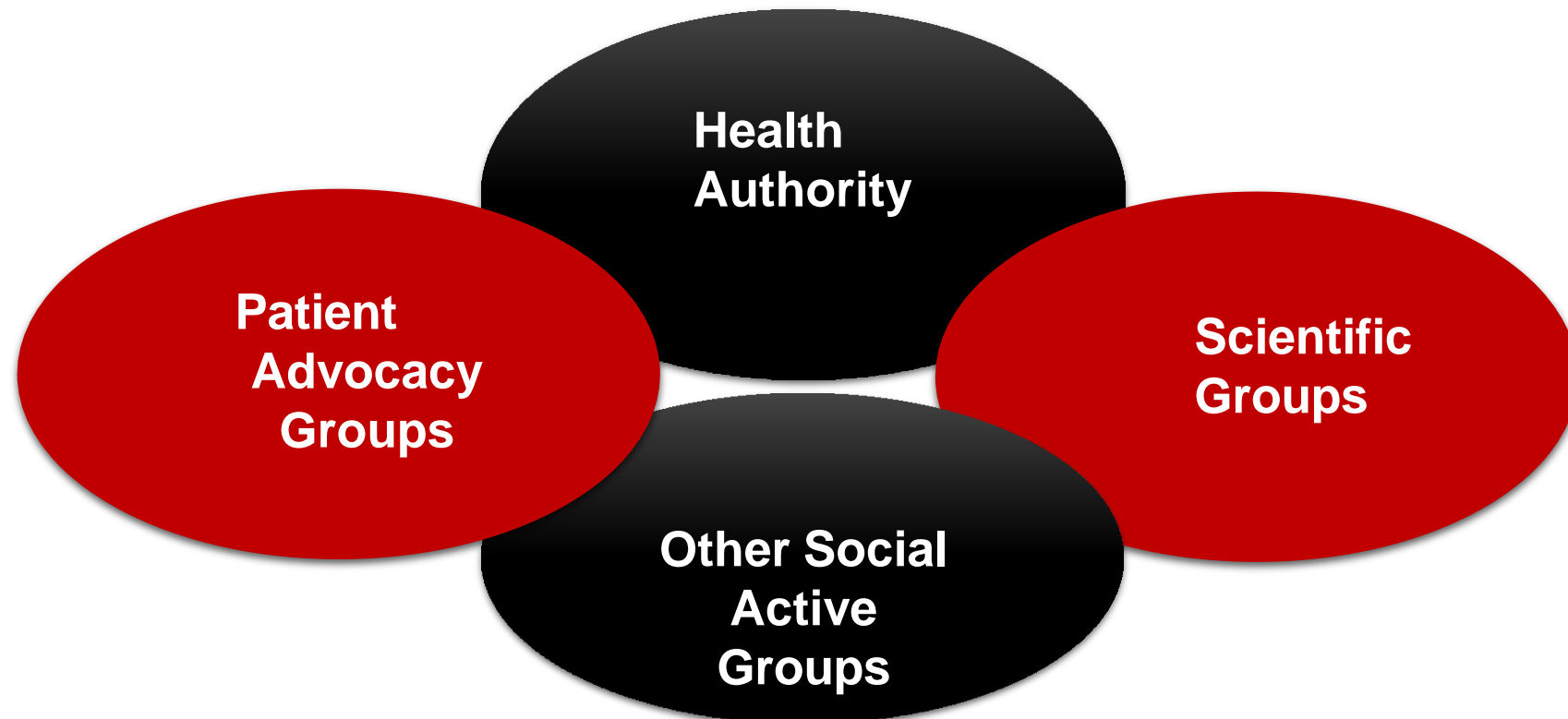


# Prevention of Thalassemia in Iran: Success & challenges

Mahmoud Hadipour Dehshal, Pharm.D.  
Charity Foundation for Special Diseases

Presenter: Afshan Shirkavand, Ph.D.  
Medical Physicist

# The Groups Involved in Prevention of Thalassemia



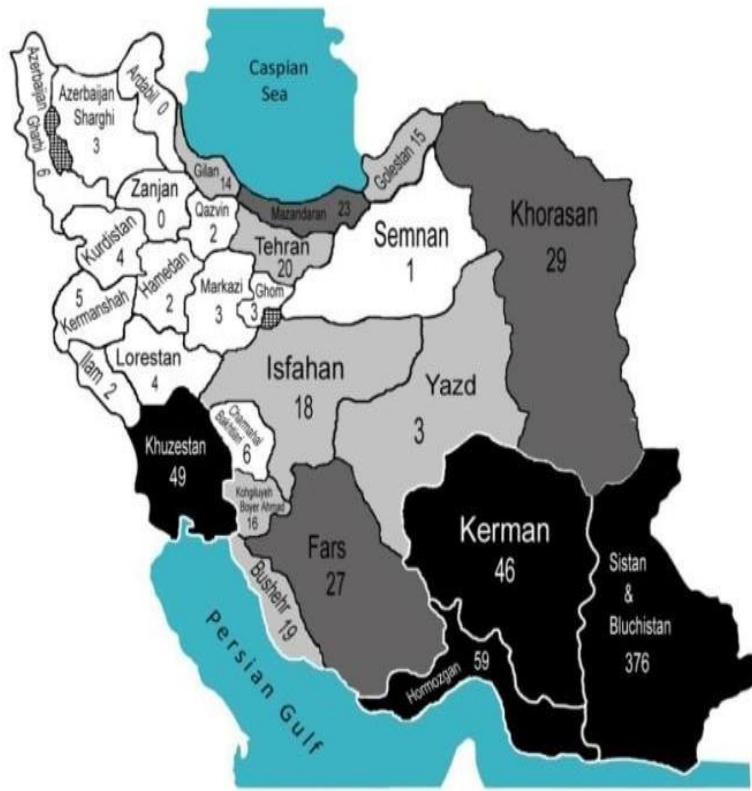
# Voluntary or Mandatory

- ❖ Voluntary
  - Education
  - Informing
- ❖ Mandatory
  - Public Screening
  - Law

# When and Where Prevention of Thalassemia is cost-effective



# Success Rate vs Number of new cases

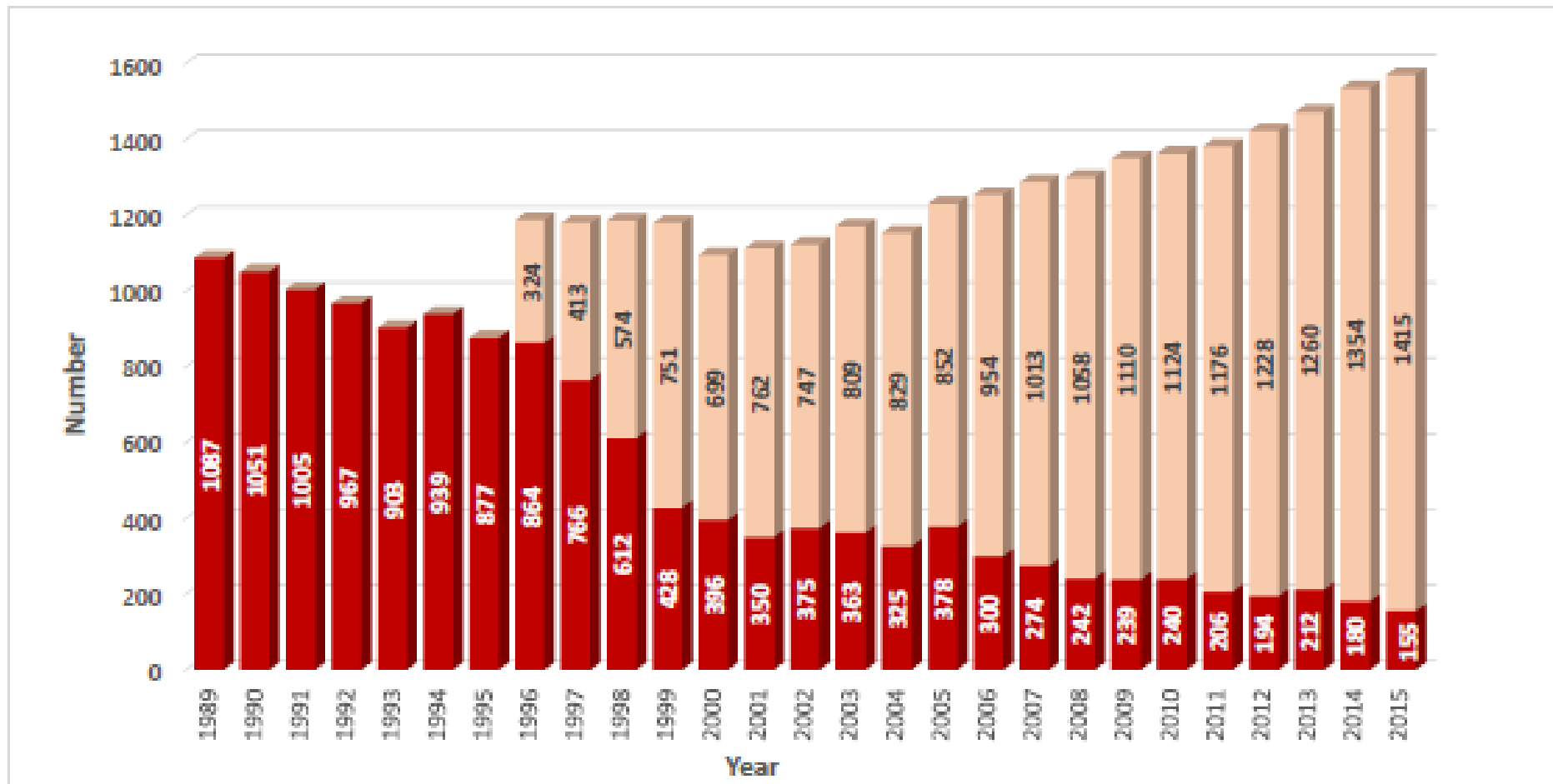


**A**



**B**

# Fall in the New Birth



# Designing a Prevention Plan

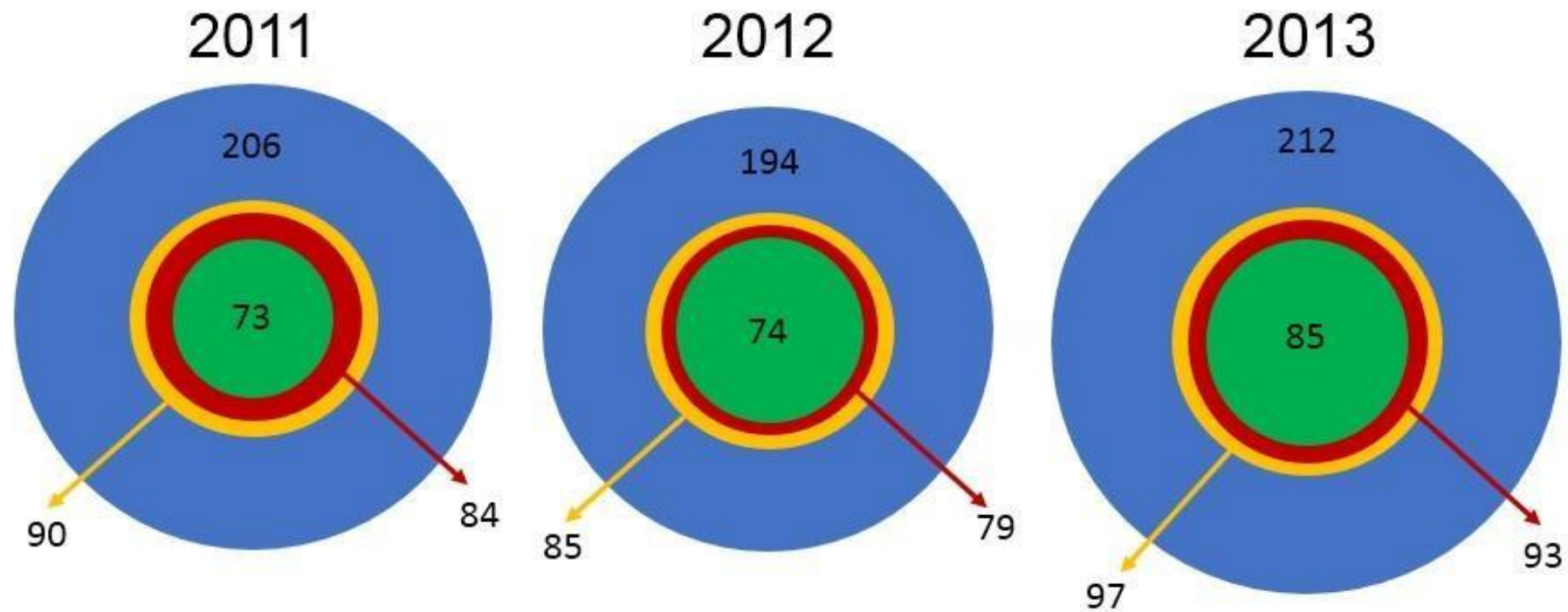
- ❖ Social Norm and Standard
- ❖ Focal point
- ❖ Options ( PND, PGD)

# Auditing the Plan

- ❖ Success rate
- ❖ Reasons of new cases birth
- ❖ High risk regions



# How to put a new strategy into practice



- Iran annual birth rate
- Annual birth rate in Sistan and Baluchestan province
- The annual birth rate in Sunni community of Sistan and Baluchestan province
- The annual birth rate in Sunni community of Sistan and Baluchestan province cause of the postponed marriage registration in official notary offices

# Itinerary of Prevention Plan



# Decentralization



# Liberal Decision Making



**Thanks for Your attention**

