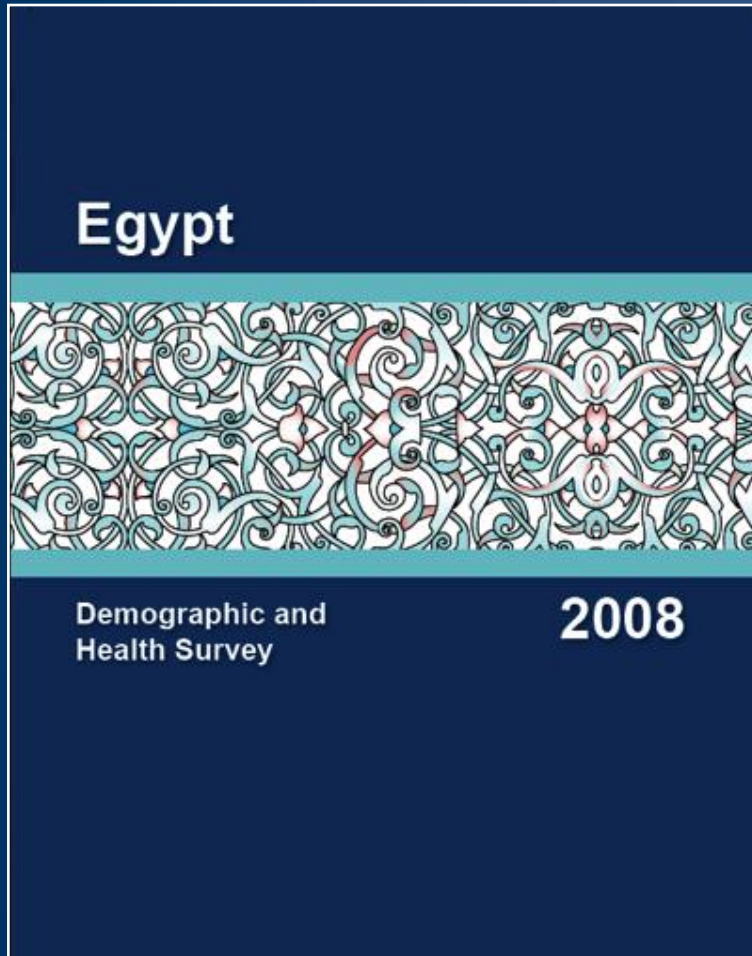


National Burden of Hepatitis C



Socioeconomic characteristic	Percentage HCV antibody positive
TOTAL	
Urban-rural residence	
Urban	10.3
Rural	18.0
Place of residence	
Urban Governorates	9.5
Lower Egypt	17.5
Urban	11.8
Rural	19.3
Upper Egypt	14.7
Urban	10.9
Rural	16.4
Frontier Governorates	9.0
Education	
No education	24.0
Some primary	20.4
Primary complete/some secondary	11.5
Secondary complete/higher	10.5
Work status	
Working for cash	18.8
Not working for cash	11.3
Wealth quintile	
Lowest	18.6
Second	17.1
Middle	16.4
Fourth	11.6
Highest	10.2
Total	14.7

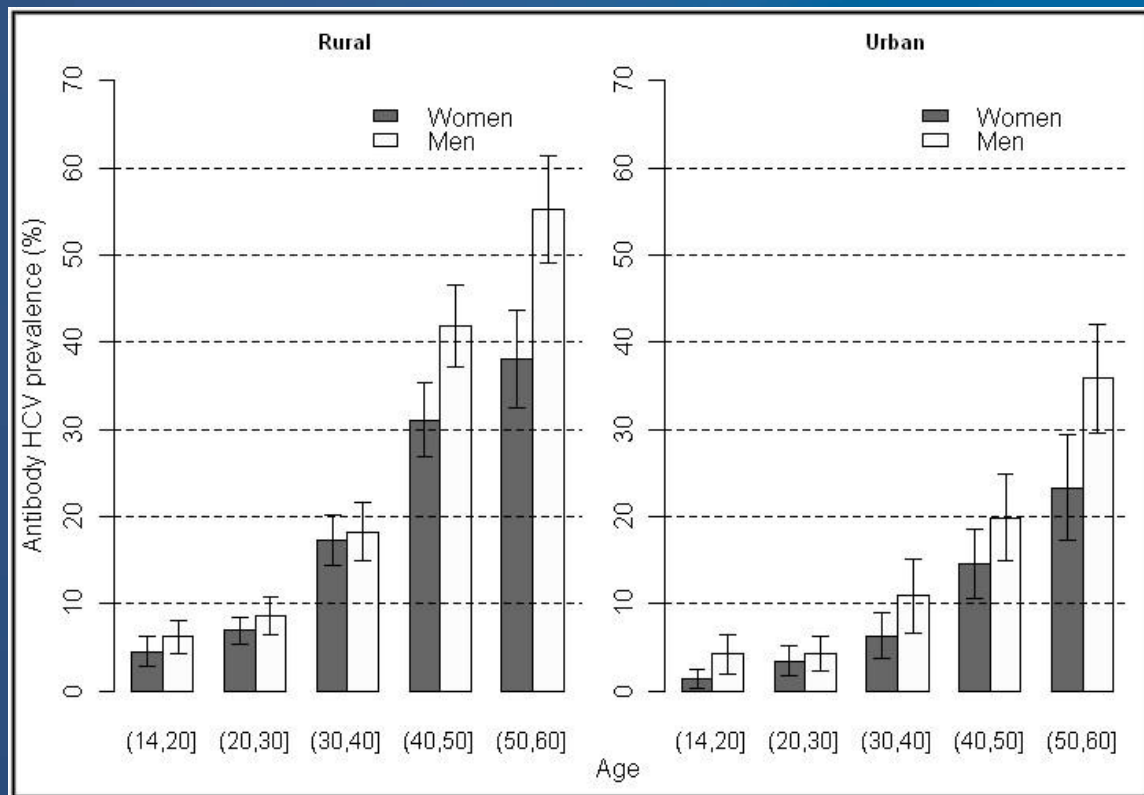
HCV in Egypt

HCV Ab prevalence:
14.7%

Overall HCV viremia:
9.94%

8 million Ch HCV
>90 are Genotype 4

→ Estimated **150 000**
new infections per year



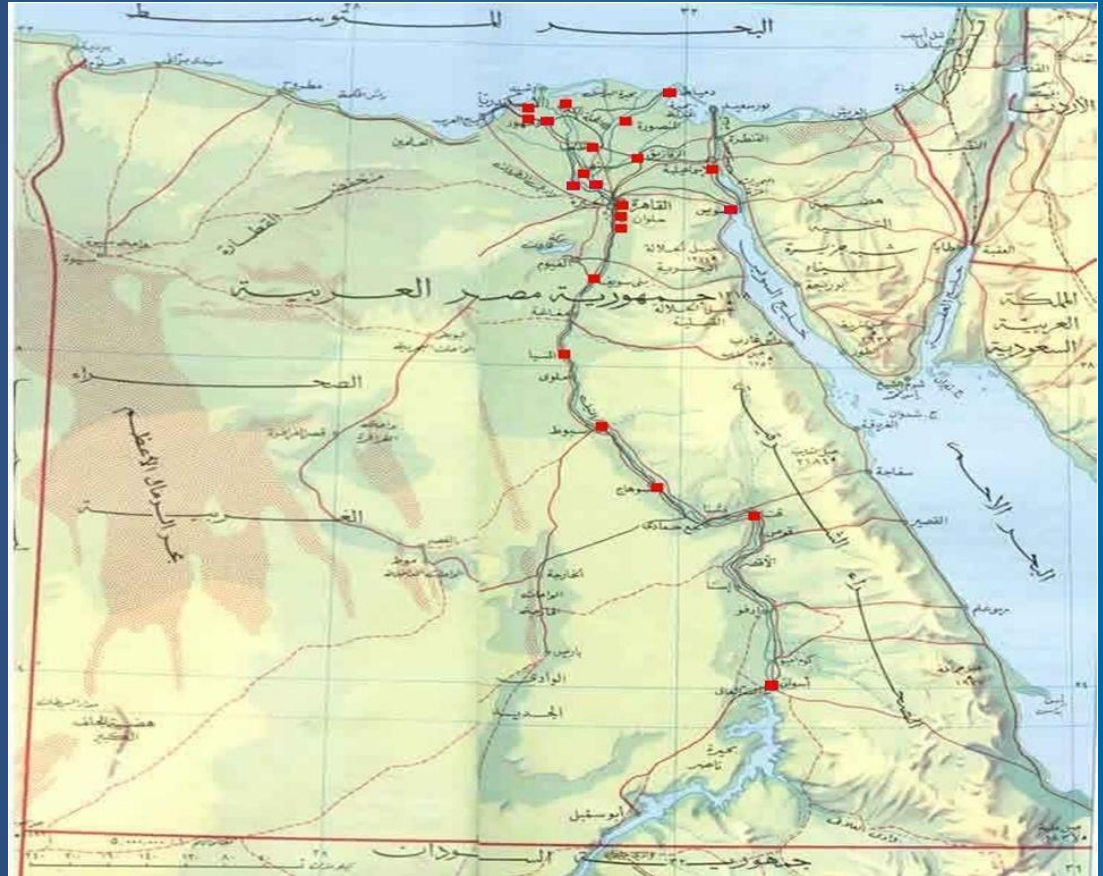
Opening of 23 national treatment centres, 2007-2013

EGYPTIAN NATIONAL CONTROL STRATEGY FOR VIRAL HEPATITIS 2008-2012



April 2008

Arab Republic of Egypt, Ministry of Health and Population
National Committee for the Control of Viral Hepatitis



Total number of patients treated with PEG-IFN (2007-2013): 350,000

Annual number of new patients treated: 45,000

Annual budget from the Ministry of Health: 90 million \$

Eradication of HCV in Egypt Overcoming the Barriers



Ideal drug
Decrease incidence
Mass treatment

Ideal Drug

It is important for patients treatment
but more important for **control and
eradication** of any infectious
disease

Decrease incidence

- Blood safety.
- Avoid unneeded injection.
- Auto destructive syringes.
- Infection control.
- Media awareness.
- Case detection and treatment by **Ideal drug**

Mass Treatment

Improving Access to Therapy in Egypt

- Availability of other DAA in Egypt by a reduced price like sofosbuvir.
- Implication of national program for screening.
- Increasing the treatment centers to be more than 50 centers this year.
- Simplification of the treatment guidelines aiming for faster evaluation and less investigations.
- Raising fund from NGOs for evaluation and treatment of HCV patients.

HCV in EGYPT from Control to Eradication

To decrease HCV prevalence to $< 2\%$ in Egypt
in 10 years (Mathematical modeling)

Effective treatment SVR $> 90\%$

Annual treatment of 250.000 to 300.000 patients

Prioritize treatment early and to most frequent
injectors