

# **Cancer Registration in Iran: History, Achievements and Current Challenges**

Ministry of Health and Medical Education

Deputy of Health

non-communicable diseases

Department of Cancer

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# History of Cancer Registries

- The first documented cancer registry was established in 1967 in Babul city (North of Iran)

- Registration and obligatory reporting of Cancers was approved in 1984 by parliament in Iran

- Its strategic plan “National Cancer Registry” was written in 1986 by MOH

# National Cancer Registry

- Since the limitations for budget and personal, population based cancer registry was not practical in total of country, therefore, a method was designed entitled “**Pathology Based Cancer Registry**” : All pathologic records of cancers are gathered from all pathologic centers,
- This method developed during these years:

-In 1986 over 20000 cases of cancer were registered, (the completeness was not defined )

-In 1990, over 17000 new cases of cancer were registered, (<30% completeness)

-In 2003, over 38000 new cases of cancer were registered, (60% completeness)

- In 2004, about 47000 new cases of cancer were registered, (**70% completeness**)
- In 2005, about 55855 new cases of cancer were registered.
- In 2006, about 59786 new cases of cancer were registered, the data are being analyzed
- In 2007, new cases was about 62040
- In 2008, new cases was 76159 (**80% completeness**)
- In 2009, new cases was 74067
- In 2010, new cases was 75803

# Sources of data collection

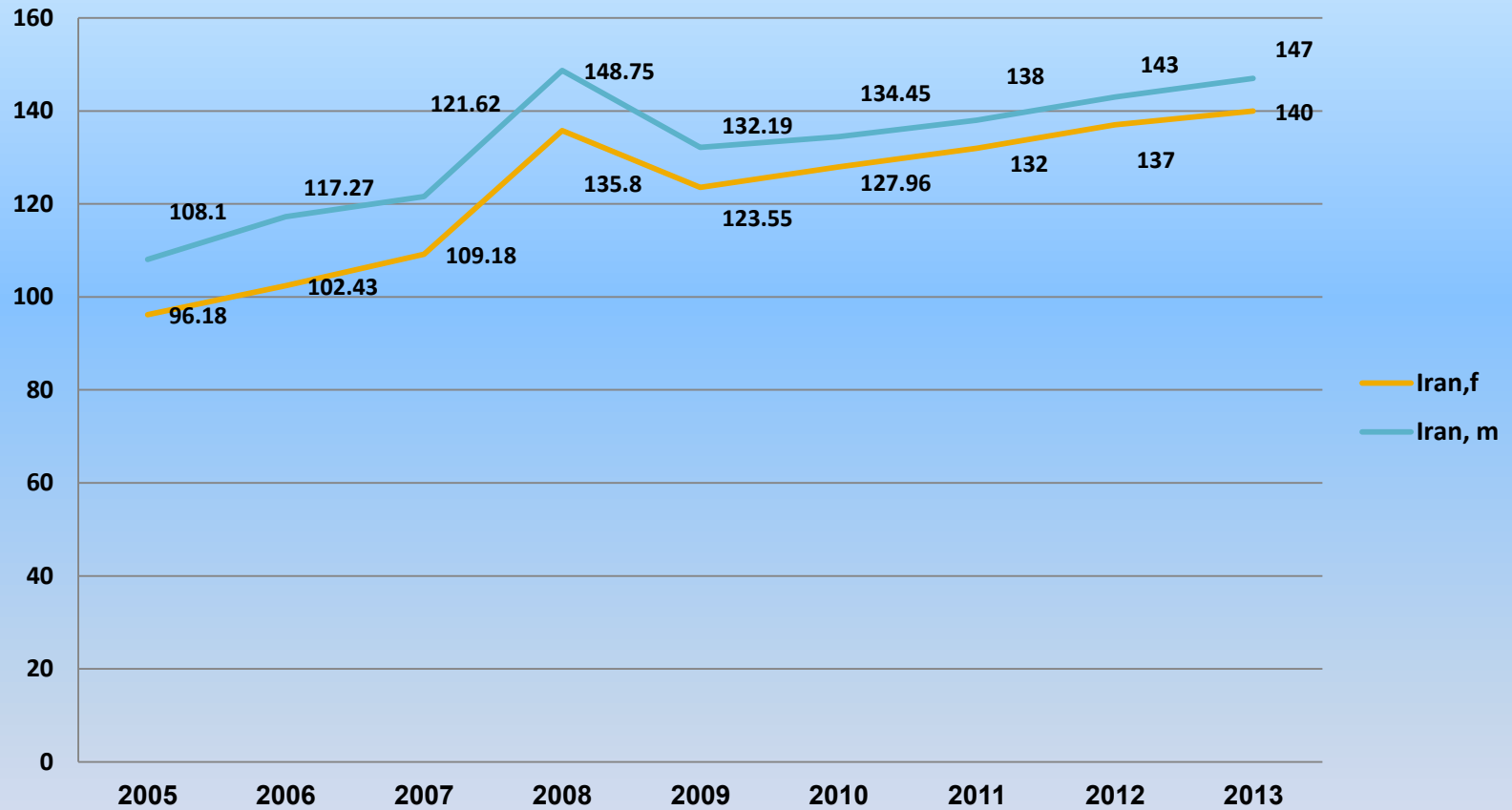
- pathology laboratories
  - Pathology & Cytology reports
  - Immunohistochemistry reports
  - Flow Cytometry reports
- Specialized units of Hematology and Oncology
- Forensic center
- Blood transfusion
- Addictive Substances and Alcohol and Drug Administration Food Assistance



# The incidence of cancer in both sexes in Iran (2006-2010)

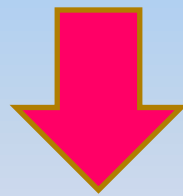
Year \ Sex	2006		2007		2008		2009		2010	
	m	f	m	f	m	f	m	f	m	f
All cancers	117.27	102.43	121.62	109.18	148.75	135.80	132.19	123.55	134.44	127.94

## Trend of all cancers, 2005-2013



- Pathology-based cancer registries in the best conditions can be a maximum of 80% of cancer cases recorded

This restriction is due to the lack of recognition of the deadliest cancers and cancers of the lung, liver, pancreas and brain tumors and retinoblastoma



Population based cancer registry

# Current challenges

## ❑ Knowledge

- Lack of standardization
- Insufficient knowledge of staff in data collection and quality control measures

## ❑ Implementation

- Lack of quality control measures and data collection
- software Problems
- Lack of expert cancer registry
- Wide geographical coverage of the population-based cancer registration
- Lack of budget

# Solutions

## □ Knowledge

- Population-based cancer registry guidelines based on international standards
- Workshops and training courses Cancer Registry
- Consulting and training of cancer specialists registered abroad

## □ Implementation

- The establishment of the National Committee for Promotion of Cancer Registries
- Create a platform for exchange of data online cancer
- Deploy new software with the ability to exchange data
- Precise geographical coverage for the implementation of population-based cancer registries

**THANKS FOR YOUR ATTENTION**

