

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



1

# **Statistical Centre of Iran Information and Communications Technology (ICT) Programme**

## **Country Presentation**

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## Main Activities:

- - National Accounts
- - Quarterly Accounts
- - Regional Accounts
- - Satellite accounts
  1. ICT Satellite accounts
  2. Health Satellite accounts
  3. Cooperation section Satellite accounts
- - Input- output tables

# Input- output Tables for 2011

## 1- Updating I-O table for 2011

- **Dimension of table : 71x71**
- **Adjusting 2001 input – output table with RAS methodology**
- **Data sources: Surveys and non survey methods including registered data**
  - **Administrative-based data**
  - **Special Studies**



3

## Objectives: ICT Government Use

- Government expenditure on ICT makes up approx 19% of ICT spending in IRAN
- Develop an understanding of the use of ICT by Iranian government, by developing meaningful statistics on the penetration and utilisation of ICT
- The purpose was to gather statistics on how government use the Internet and related technologies including e-commerce
- Based on GFS and SNA recommendations but



# Contents

- Background
- IT Survey 2012 results
- ICT Programme Overview
- Guiding Principles
- Programme Content
- Survey Objectives



# Background

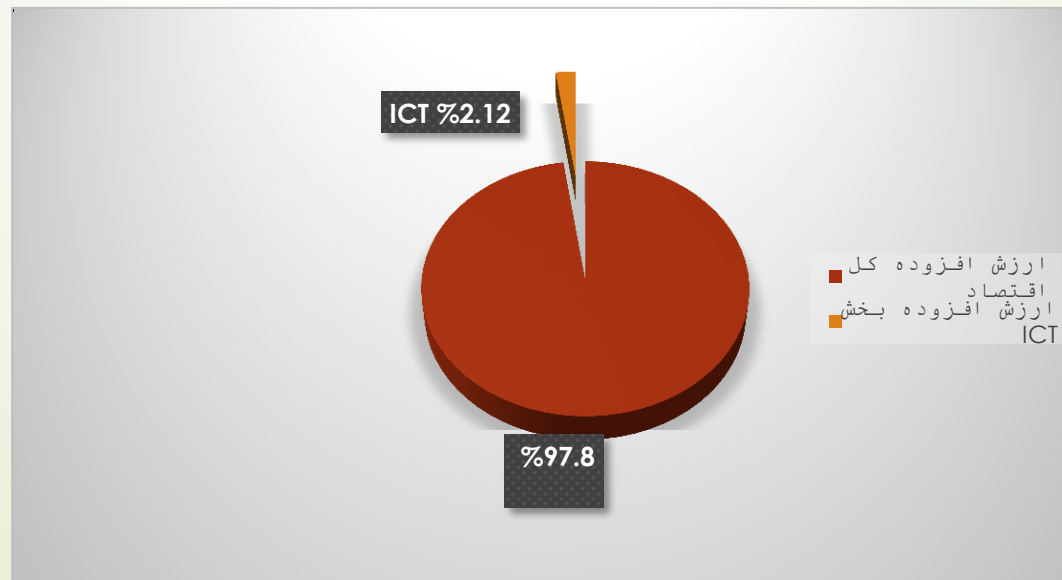
- ICT are high value industries and enable both business and society
- Supply and demand needs to be measured on an on-going basis
- Supply should include ICT industries and Internet Service Providers (ISPs) and how business, households and government use ICT
- Statistics SCI currently collects IT production (supply) data through the annual IT Survey



# IT Survey 2012

## ➤ Published October 2014

➤ Total value of sales of information technology (IT) commodities for the 2012 fiscal year was estimated at \$4,875 Billion. This is 2.12 percent of GDP.







# IT Survey 2012

## ➤ Published October 2014

➤ The share of private sector was 81% and government 19% in whole economy.

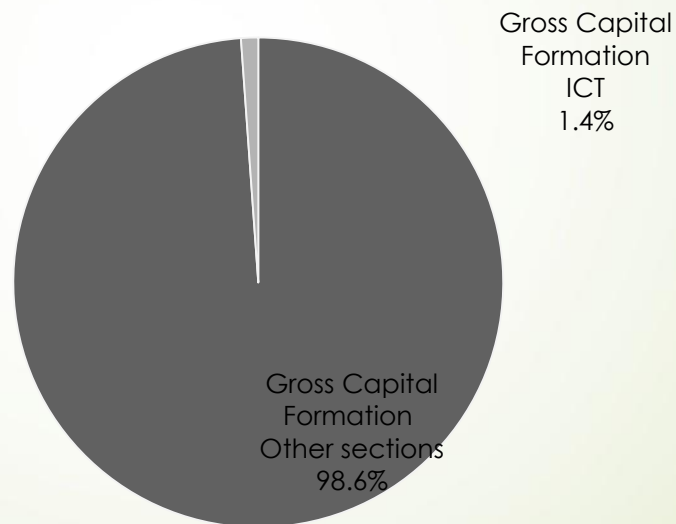
➤ The share of compensation of employees was 1.7 of whole economy .





# IT Survey 2012

- Published October 2014
  - The share of Gross capital formation was 1.4% from economy.





# Programme Overview

- The SCI programme has been funded by Ministry of I.C.T through to 2011.
- Includes a redesign of the current IT Survey and development and implementation of the following new surveys:
  - Internet Service Providers (ISP) Supply
  - Business Use of ICT
  - Government Use of ICT
- The programme also generated publications about ICT in Islamic Republic of Iran and an ICT satellite account



# Guiding Principles

- Need to incorporate stakeholders requirements
- Make stats as useful to other government and business groups as possible
- Adhere to SCI standards
- Adhere to SNA 2008 guidelines
- Comparable with international statistics
- Best practice from other countries is used to reduce learning time and increase success like Australia and South Africa

# Bureau of Economic office

## Products of SCI :

- STATISTICS

- - National Accounts
- - Quarterly Accounts
- - Regional Accounts
- - Satellite accounts
  1. ICT Satellite accounts
  2. Health Satellite accounts
  3. Cooperation section Satellite accounts
- - Input- output tables



# ICT Chart

## Information Modules

### New ICT Supply Survey (ann.)

1. Income from ICT Goods

2. Income from ICT Services

3. Other and Total ICT Income

4. Barriers to Growth

### ISP Supply Survey (twice ann.)

1. Nature of ISP

2. Subscriber numbers

3. Service types, speed, plans

4. Data Activity

5. Spam, Virus, Content Filtering services

### ICT Household Use Survey (ann.)

1. Household Demographics

2. Access to the Internet

3. Household Barriers to Adoption of the Internet

4. Individual use

5. Purpose and Nature of Use

6. Internet Commerce

7. Use of Govt ICT

### ICT Business Use Module (bi ann.)

1. Business Demographics

2. General ICT Information

3. Use of the Internet

4. e-commerce

5. Use of e-govt

6. Barrier to use and ICT

### Govt. Usage Survey (ann.)

1. Govt Demos (TBC)

2. General ICT Information

3. Use of the Internet

4. e-commerce

5. Use of other e-govt

6. Barrier to use and ICT

7. TBA

State of ICT in IRAN

Satellite Account



# Objectives: ICT Supply

- Update the IT Survey to take into account:
  - Increase in span of ICT industries using SNA 2008 recommendations
  - Update for classification and technology changes
  - New questionnaire standards
- Purpose was to gather statistics that measure the size of the overall ICT industry and broken down into various category
- Used by National Accounts for GDP & Ministry of ICT & other university and etc.





# Objectives: ISP Supply

- Internet Service Providers (ISPs) are the main channel of internet access for households and one major access option for businesses
- Purpose of survey is to measure the nature and growth of the ISP industry, some characteristics of customers, and the nature of related infrastructure
- Similar models used in other countries





## Objectives: ICT Business Use

- Develop an understanding of the use of ICT by Iranian businesses, by developing meaningful statistics on the penetration and utilisation of ICT
- The purpose is to gather statistics on how business use the Internet and related technologies including e-commerce
- Based on SNA 2008 recommendations



Thank you.