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**The first ICT Survey in Iran
Survey on Internet Users
January 2009**

**Hamidreza Pouyanfar
Statistical Centre of Iran**

Introduction

- *By 2004, the number of internet users in Iran was calculated on the basis of formulas issued by Ministry of ICT. Due to calculation problems, conducting a survey was necessary. Considering the importance of this statistical information and lack of data, the Information Technology Company (ITC) asked the Statistical Center of Iran (SCI) to conduct a survey in this field. Therefore SCI in collaboration with the Statistical Research and Training Center (SRTC) prepared and implemented the Survey of Internet Users.*

Project Specifications

The overall goal

- *Estimation of internet users per 100 population.*

Target population

- *All of the private settled households, group households and institutional households.*

Statistical unit

- *A private settled household, a group household or an institutional household.*

Statistical time

- *In the last 12 months until the survey.*

Project Specifications

Survey time

- *Survey carried out on January 2009, and it took 1 month.*

Method of Survey

- *In the first phase of the Survey, the enumerators had a face to face interview to fill out the general information of samples household members.*
- *For the households with at least one internet user, the questionnaire was left to the household for answering the ICT related technical questions by the internet user(s).*

Project Specifications

Sampling unit

- *1st phase: A census scope or an institutional household in the 2006 National Census Population and Housing Census.*
- *2nd phase: One of the private settled households or group households in a census area or sample individuals in the institutional households.*

Sample size

- *There are 98982 sample households.*

Definitions

Households

- *There are three types of households in this project:*
 1. *Private settled households*
 2. *Group households*
 3. *Institutional households*

Private settled household

- *A family household living in a permanent residence at the time of enumeration.*

Definitions

Group household

- *A non-relative household living in a permanent residence at the time of enumeration. For example: Some students or workers.*

Institutional household

- *Persons who share a common objective or characteristics such as people engaged in military service, education, etc., living together in an institution such as barracks, student dormitories, etc.*

Definitions

Internet user

- *A person has used internet:*

1. *Where?*

..... In Iran

2. *When?*

..... In the last 12 months until the survey

3. *How many times?*

..... At least once

Questionnaire

Section 1: Geographical address

This section of questionnaire consists:

- *Name and code of province*
- *Name and code of township*
- *Name and code of city or rural district*
- *Census scope No. (by list of sample households in 2006 Census)*
- *Block No. for cities or village code*

Questionnaire

Section 1: Geographical address

- *Type of households*
- *Primary sampling unit No. (a census scope that is sorted by number)*
- *Sample household No. in primary sampling unit (Number of sample households in a primary sampling unit are 10 or 15 or 20 or 25 or 30 or 35 or 50 or 70)*
- *Institutional household No. in province*

Questionnaire

Section 2: Name and address of household

This section of questionnaire consists:

- *Name of households*
- *Telephone Numbers*
- *Household Address*
- *Postal code*

Questionnaire

Section 3: Specifications of household members

This section of questionnaire is a table with 9 rows (each row is allocated to a household member). In addition, this table includes 9 columns.

- **Column 1: Row No.**
- **Column 2: First name and last name**

Questionnaire

Section 3: Specifications of household members

- **Column 3: Sex**
 1. *Male*
 2. *Female*
- **Column 4: Age**
- **Column 5: Literacy status**
 1. *Literate*
 2. *Illiterate*

Questionnaire

Section 3: Specifications of household members

- **Column 6: level of education**

1. *Primary education*

2. *Lower secondary education*

3. *Upper secondary education*

4. *post-secondary non-tertiary education*

5. *University education but below bachelor*

6. *BA*

7. *MA*

8. *PhD*

9. *Unofficial*

Questionnaire

Section 3: Specifications of household members

- **Column 7: Activity status**

1. *Employed*
2. *Unemployed (seeking work)*
3. *Student*
4. *Income recipient (and unemployed)*
5. *Homemaker*
6. *Other*

Questionnaire

Section 3: Specifications of household members

- ***Column 8: Occupation***
- ***Column 9: Employment status***
 1. *Employer*
 2. *Self employed*
 3. *Public Sector*
 4. *Wage and salary earners*
 5. *Unpaid family workers*

Questionnaire

Section 4: Specifications of internet users

This section of questionnaire continues to the same table of Section 3 In the next columns. This Section includes 9 columns.

- **Column 10: Individual use of the internet**
 1. Yes
 2. No

For the households with at least one internet user, the questionnaire was left to the household for answering the ICT related technical questions by the internet user(s).

Questionnaire

Section 4: Specifications of internet users

Column 11: Location(s) of individual Internet use (one or more code)

- 1. Home*
- 2. Work*
- 3. Place of education*
- 4. At another person's home*
- 5. Commercial Internet access facility*
- 6. Community Internet access facility*
- 7. Other places*

Questionnaire

Section 4: Specifications of internet users

- ***Column 12: Frequency of individual access to the Internet***
 1. *At least once a day*
 2. *At least once a week but not every day*
 3. *At least once a month but not every week*
 4. *Less than once a month*

Questionnaire

Section 4: Specifications of internet users

- **Column 13: The average frequency of use per day or week or month (For codes 1 or 2 or 3 in Column 12)**

For example,

- ✓ *Once a day (for code 1 in Column 12)*
- ✓ *Three times a week (for code 2 in Column 12)*
- ✓ *Six times a month (for code 3 in Column 12)*

Questionnaire

Section 4: Specifications of internet users

- **Column 14: The average time used in each period** (for number contained in column 13)

For example, twenty minutes each time or 120 minutes at a time

- **Column 15: Internet costs**

1. Yes

2. No

Questionnaire

Section 4: Specifications of internet users

- ***Column 16: Average cost of using the Internet in the last 12 months*** (for code 1 in Column 15)
- ***Column 17: Internet activities undertaken by internet user in the last 12 months and user satisfaction (one or more code)***

Questionnaire

Section 4: Specifications of internet users

- **Column 17-1: Internet activities:**

1. *Getting information*
2. *Sending information*
3. *E-mail*
4. *Dealing (interacting) with government organisations/public authorities*
5. *Internet banking*
6. *Education or learning activities*
7. *Purchasing or ordering goods or services*
8. *Leisure activities*
9. *Others*

Questionnaire

Section 4: Specifications of internet users

- **Column 17-2: Satisfaction:**
 1. *Full satisfaction*
 2. *Relative satisfaction*
 3. *Dissatisfaction*

Questionnaire

Section 4: Specifications of internet users

- ***Column 18: What type/s of Internet access services are used for Internet access at home?***
 1. *Analogue modem (dial-up via standard phone line)*
 2. *ADSL*
 3. *Wireless*
 4. *Others*

Questionnaire

Section 5: Household access to telephone and computer

This section of questionnaire is completed for private settled households or group households

- **1. Access to fixed line telephone by in-scope households**
 1. Yes
 2. No
- **2. Access to a mobile phone by in-scope households**
 1. Yes
 2. No

Questionnaire

Section 5: Household access to telephone and computer

- ***3. Access to computer by in-scope households***
 1. Yes
 2. No
- ***4. Number of computers in the household residence***

Questionnaire

Section 6: Status questionnaire

- ***Question 1: Section 3 has been completed***
 1. *Yes*
 2. *No*
- ***Question 2: If no, why? (for code 2 in Question 1)***
 1. *Household did not cooperate*
 2. *Other (The reason should be mentioned)*

Questionnaire

Section 6: Status questionnaire

- **Question 3: Section 4 has been completed**
(for code 1 in Question 1)
 - Yes
 - No
- **Question 4: If no, why?** (for code 2 in Question 3)
 - Household without Internet user
 - Household did not cooperate
 - Others (The reason should be mentioned)

Indicadores

- ***Proportion of households with a fixed line telephone***
- ***Proportion of households with a mobile cellular telephone***
- ***Proportion of households with a computer***
- ***Proportion of households with internet access at home and other places***
- ***Proportion of individuals who used the internet (from any location) in the last 12 months***

Indicadores

- ***Internet users by urban and rural areas***
- ***Internet users by sex***
- ***Internet users by age group***
- ***Internet users by literacy status and level of education***
- ***Internet users by activity status***
- ***Internet users by status in employment***
- ***Internet users by major occupation group***

Indicadores

- ***Internet users by location of use***
- ***Internet users by type/s of internet activities***
- ***Internet users by frequency of internet access***
- ***Internet users by type(s) of internet access at home***
- ***Internet users by Internet usage time per month***

ICT Household Statistics

Table 1. Households use of ICT

Households	Number	%
Total households	18,779,479	100.0
Households with a fixed line telephone	15,980,925	85.1
Households with a mobile cellular telephone	13,389,396	71.3
Households with a computer	5,665,902	30.2
Households with internet access at home and other places	4,976,112	26.5
Households with internet access at home	3,411,499	18.2

Table 2. Population by status of internet Use

Population	Number	%
Total	71,838,203	100.0
• Internet users	7,955,928	11.1
• Others	63,882,275	88.9

ICT Household Statistics

Table 3. Internet users by urban and rural areas

Internet users	Number	%
Total	7,955,928	100.0
• Urban areas	7,248,187	91.1
• Rural areas	707,741	8.9

Table 4. Internet users by sex

Internet users	Number	%
Total	7,955,928	100.0
• Male	4,601,271	57.8
• Female	3,347,947	42.1
• Unknown	6,710	0.1

ICT Household Statistics

Table 5. Internet users by age group

Internet users	Number	%
Total	7,955,928	100.0
• Age less than 4	0	0.0
• Age 5-9	60,449	0.8
• Age 10-14	517,580	6.5
• Age 15-19	2,010,843	25.3
• Age 20-24	2,346,562	29.5
• Age 25-29	1,192,021	15.0
• Age 30-34	614,742	7.7
• Age 35-39	453,914	5.7

ICT Household Statistics

Table 5. Internet users by age group

Internet users	Number	%
• Age 40-44	345,610	4.3
• Age 45-49	223,200	2.8
• Age 50-54	112,852	1.4
• Age 55-59	35,038	0.4
• Age 60-64	21,726	0.3
• Age 65-69	3,266	0.0
• Age 70-74	4,040	0.1
• Age 74+	600	0.0
• Unknown	13,483	0.2

ICT Household Statistics

Table 6. Internet users (aged 6 and above) by Literacy status and level of education

Internet users	Number	%
Total	7,940,790	100.0
• Primary education	188,755	2.4
• Lower secondary education	637,673	8.0
• Upper secondary education	884,275	11.1
• post-secondary non-tertiary education	1,884,829	23.7
• University education but below bachelor	1,120,508	14.1
• BA	2,832,700	35.7
• MA	330,242	4.2
• PhD	45,758	0.6
• Unofficial	5,391	0.1
• Unknown	2,453	0.0
• Illiterate	8,206	0.1

ICT Household Statistics

Table 7. Internet users (age 10+) by activity status

Internet users	Number	%
Total	7,881,996	100.0
• Employed	2,523,538	32.0
• Unemployed (seeking work)	622,644	7.9
• Student	3,969,788	50.4
• Income recipient (and unemployed)	99,140	1.3
• Homemaker	476,973	6.1
• Unknown	7,960	0.1

ICT Household Statistics

Table 8. Internet users (employed & age 9+) by Status in employment

Internet users	Number	%
Total	2,523,538	100.0
• Employer	107,431	4.3
• Self employed	401,723	15.9
• Public Sector	1,130,325	44.8
• Wage and salary earners	798,690	31.6
• Unpaid family workers	31,987	1.3
• Unknown	53,382	2.1

ICT Household Statistics

Table 9. Internet users (employed & aged 10 and over) by major occupation group

Internet users	Number	%
Total	2,523,538	100.0
• legislators, senior officials and managers	225,675	8.9
• professionals	828,739	32.8
• technicians and associate professionals	268,169	10.6
• clerks	403,852	16.0
• service workers and shop and market sales workers	282,856	11.2
• skilled agricultural and fishery workers	26,413	1.0
• craft and related trades workers	201,816	8.0
• plant and machine operators and assemblers	96,290	3.8
• elementary occupations	58,741	2.3
• Unknown	130,987	5.2

ICT Household Statistics

Table 10. Internet users by location of use

Internet users	Number	%
Total	7,955,928	100.0
• Home	5,986,011	72.2
• Work	1,194,725	15.0
• Place of education	2,065,898	26.0
• At another person's home	1,182,635	14.9
• Commercial Internet access facility	96,882	1.2
• Community Internet access facility	731,432	9.2
• Other places	292,903	3.7
• Unknown	35,941	0.5

ICT Household Statistics

Table 11. Internet users by type/s of internet activities

Internet users	Number	%
Total	7,955,928	100.0
• Getting information	7,114,809	89.4
• Sending information	1,363,060	17.1
• E-mail	2,341,267	29.4
• Dealing (interacting) with government organisations/public authorities	2,355,173	29.6
• Internet banking	409,749	5.2
• Education or learning activities	756,315	9.5
• Purchasing or ordering goods or services	446,083	5.6
• Leisure activities	3,637,084	45.7
• Others	666,743	8.4
• Unknown	87,107	1.1

ICT Household Statistics

Table 12. Internet users by frequency of internet access

Internet users	Number	%
Total	7,955,928	100.0
<ul style="list-style-type: none">• At least once a day	1,395,864	17.5
<ul style="list-style-type: none">• At least once a week but not every day	3,115,842	39.2
<ul style="list-style-type: none">• At least once a month but not every week	1,947,301	24.5
<ul style="list-style-type: none">• Less than once a month	1,438,857	18.1
<ul style="list-style-type: none">• Unknown	58,064	0.7

ICT Household Statistics

Table 13. Internet users who use the internet at least once a month by Internet usage time per month

Internet users	Number	%
Total	6,459,007	100.0
• Less than 10 hours	4,105,725	63.6
• 10 - less than 30 hours	1,073,253	16.6
• 30 - less than 50 hours	539,249	8.3
• 50 - less than 100 hours	393,902	6.1
• 100 - less than 200 hours	220,943	3.4
• 200 hours & more	111,290	1.7
• Unknown	14,645	0.2

ICT Household Statistics

Table 14. Internet users by type(s) of internet access at home

Internet users	Number	%
Total	5,986,011	100.0
<ul style="list-style-type: none">Analogue modem (dial-up via standard phone line)	5,500,731	91.9
<ul style="list-style-type: none">ADSL	532,669	8.9
<ul style="list-style-type: none">Wireless	86,930	1.5
<ul style="list-style-type: none">Others	23,509	0.4



Thank you