



# The Use of M-Governance Among Cities and Villages in Country: Iran

**Aliasghar Khodaverdi**

Research scholar

Department of Communication and Journalism

Osmania University, India

## ABSTRACT:

The study investigates the difference in status of internet connection between City and Village. There is critical contrast amongst city and town respondent's recognitions as for giving versatile administrations and web association with Mobile clients. There is no huge contrast amongst male and female discernments or perception regarding levy arrangements or plans of Mobile. There is no huge contrast amongst male and female recognitions regarding Mobile Services conveyed to nationals by the Government. There is no noteworthy distinction amongst male and female observations as for the residents utilizing the Mobile Services that are given by the legislature.

Keywords: E-government, Internet connection, Mobile clients, M-government

## INTRODUCTION

The idea of E-Government started with "electronic government". M-Government is a subset of e-government. E-Government is the utilization of information and communication advancements (ICTs) to enhance the exercises of open segment associations. On account of m-government, those ICTs are restricted to versatile or potentially wireless innovations like cell/cell phones and tablets and individual advanced collaborators (PDAs) associated with wireless local territory networks (LANs). M-Government can make open information and taxpayer supported organizations accessible

"at whatever time, anyplace" to natives and officials. Until while back the idea of e-government was an entire obscure marvels in Iran, which it might in any case be for an extensive gathering of subjects. Amid the year of 1382 ( 21 walk 2003 to walk 2004) the Iranian Parliament affirmed the recompense of a spending identical to 100 million USD with the end goal of executing and creating of information and communication advances in the general population administration of Iran.

From this time forward, the bureau approved an exhaustive program for actualizing a few



national information and communication ventures. This program joined activities, for example, e-government, e-trade, e-saving money, e-learning and e-wellbeing. As of late presented as an outcome of IT in the learning and information age and has been connected by numerous legislatures around the globe by and by. Iranian powers additionally have chosen to take the fundamental strategies required for executing e-government in Iran. Nonetheless, the extensive size of the legislature in Iran and numerous different issues, for example, the absence of required legitimate, institutional and HR foundations make the arranging and execution a troublesome task. With this as a top priority, it is invigorating to note that, as indicated by the E-Government Survey distributed by the UN in 2010, despite the fact that Iran is by and large fall behind different markets in the rankings of e-government usage, there has been change in the area since the 2008 survey.

In this section, before proceeding with the dialog about the advance of e - government in Iran, I trust that it is shrewd to present this nation for the peruser of this part. Amid the accompanying talk such matters like the historical backdrop of this nation, political

and additionally conservative perspectives will be remarked. Adjacent to these likewise the Internet in Iran will be examined.

Iran, (Persia) or formally the Islamic republic of Iran (as it is called today) is a substantial Western Asian nation situated in the Middle East, Central Asia and the Caucasus. Its territory measures up to the span of the United Kingdom, France, Spain and Germany consolidated. Iran fringes Armenia, Azerbaijan and Turkmenistan toward the north, Afghanistan and Pakistan toward the east, and Iraq and Turkey toward the west. Likewise, it outskirts the Persian Gulf, crosswise over which lie Kuwait, Iraq, Saudi Arabia, Bahrain, Oman, Qatar and the United Arab Emirates. Shia Islam is the official state religion and Persian the official dialect. The general population inside present day Iran are the relatives of large portions of the world's most seasoned known human advancements. The historical backdrop of individuals in Iran covers more than six thousand years, and all through history, Iran has been of extraordinary geostrategic significance in view of its focal area in Eurasia. Iran is the establishing individual from the United Nations, NAM, OIC, OPEC and ECO. Iran is critical in worldwide legislative issues on records of its



extensive supply of petroleum and territorial impact. The name of Iran is a related of Aryan and abstract signifies "place where there is Aryans".

## CONCEPTUAL FRAME WORK

Iran, (Persia) or formally the Islamic republic of Iran (as it is called today) is a huge Western Asian nation situated in the Middle East, Central Asia and the Caucasus. Its range approaches the measure of the United Kingdom, France, Spain and Germany joined. Iran outskirts Armenia, Azerbaijan and Turkmenistan toward the north, Afghanistan and Pakistan toward the east, and Iraq and Turkey toward the west. What's more, it outskirts the Persian Gulf, crosswise over which lie Kuwait, Iraq, Saudi Arabia, Bahrain, Oman, Qatar and the United Arab Emirates. Shia Islam is the official state religion and Persian the official dialect. The general population inside present day Iran are the relatives of a significant number of the world's most established known civic establishments. The historical backdrop of individuals in Iran covers more than six thousand years, and all through history, Iran has been of incredible geostrategic significance as a result of its focal area in Eurasia. Iran is the establishing

individual from the United Nations, NAM, OIC, OPEC and ECO. Iran is noteworthy in global legislative issues on records of its vast supply of petroleum and local impact. The name of Iran is a related of Aryan and abstract signifies "place where there is Aryans".

The versatile Government (M-Government) is a standout amongst the most imperative ideas that have been in the top thought for the most recent decades. The reason for the m-Government is to give an appropriate and dependable foundation for nationals to get to administrations effectively. It likewise gives better chances to individuals to take part in get-togethers and exercises. By this implies, giving instruments to actualizing the M-Government exercises is of generally noteworthiness. In Iran, m-Government activity was propelled as a part of the nation's general information innovation arrange (for example: E-Government) concentrated on ICT as an apparatus to change open associations. In this part, we will examine about enormous changes of M-Government as of late, together with survey and correlation of current models of m-government, has prompted the proposition of local M-benefits in Iran. The thorough model which stresses that the M-

Government arrangement can be a powerful way to deal with give better administrations to subjects. Portable advances are viewed as a standout amongst the most essential taxpayer supported organization's segments in different countries. Mobile Telecommunication Company of Iran commonly contracted as MCI and additionally known under its brand name Hamrahe Aval is the first and largest mobile administrator in Iran MCI is a backup of the Telecommunication Company of Iran and has around 17 million postpaid and 49 million prepaid endorsers. Hamrahe Aval's administration is accessible in 1,239 urban communities and more than 70,000 kilometers of interstate in Iran. It gives meandering administrations by means of 271 accomplice administrators in more than 112 nations.

In December 2010, 5.5% of the MCI shares were offered on the Iranian over-the-counter market, at an estimation of \$396 million, which was the biggest IPO-to-date in the Iranian OTC value market. In August 2013, the organization moved from the OTC to the Tehran Stock Exchange. Market estimation of the organization in April 2014 was \$4.3 billion. As of now, 90% of MCI's shares are possessed by the Telecommunication

Company of Iran and the staying 10% of shares are open at the Tehran Stock Exchange.

### Hypotheses

1- Null Hypothesis: There is no significant difference between perception of city and village respondents with regard to status of internet connection through mobile services

Alternative Hypothesis: There is significant difference between perception of city and village respondent with regard to status of internet connection through mobile services

2- Null Hypothesis: There is no significant difference between perceptions of men and women with reference to various issues pertaining to mobile services.

Alternative Hypothesis: There is significant difference between perceptions of men and women with reference to various issues pertaining to mobile services.

### Research design:

"An Research Design is an all-inclusive strategy indicating the techniques and methodology for gathering and breaking down the required information. It is a structure or blue print that arranges the activity for the examination extend." (Zikmund,2009). Descriptive Research suggests conversation for the starters about



the nature, frequency or dissemination of factors, and is principally worried with distinguishing the attributes of a populace (Ary, Jacobs & Razavieh, 2002; Borg and Gall, 1989). In the present study, Descriptive research plan is utilized. Cross-sectional study is done to assemble information from the example. The study has inspected the part of M-government in execution of different administrations through web for the advancement of rustic and urban Iran.

### **Method:**

In the present study, quantitative technique is utilized. The reason for embracing a quantitative technique for information accumulation is to build up the general comprehension of the part of portable administrations in giving M-Government to versatile clients.

### **Sources of Collecting data:**

For this article Two techniques were utilized to gather or accumulate information or information for this present study.

### **Primary data**

Sources of collecting primary Data

### **Survey research:**

The exploration is attempted by method for a survey. Survey inquire about uses

instruments, for example, polls and meetings to assemble information from gatherings of respondents and is typically based upon information got from support perception (Borg and Gall, 1989). Survey look into, as characterized by Kerlinger (1986 p. 377), is the kind of research that "studies populaces by selecting and concentrating on tests looked over the populace to find the relative rate, circulation and interrelations of sociological and mental factors." The social logical nature of survey research is uncovered by the way of its factors, which can be delegated sociological certainties and assessments or demeanors. Sociological truths are properties of people that start from their enrollment in social gatherings: sexual orientation, instructive level, assignment, occupation, classification, primary language, dialects known, place of birth, demographic factors, age, wage, conjugal status. The mental factors are the states of mind or sentiments, fulfillment disappointment as for this situation. A survey outline gives a quantitative or numeric depiction of patterns, states of mind, or sentiments of a populace by contemplating a specimen of that populace. From test comes about, the specialist sums up or makes guarantees about the population. (Creswell-2009) The reason for survey research is to sum up from

a specimen to a populace with the goal that inductions can be made about some trademark, state of mind, or conduct of this populace (Babbie). Cross-sectional research outline is utilized to gather information through poll from the respondents for the present study.

**Research Objective Ten: To investigate difference between perceptions of City and Village respondents on status of internet connection through mobile services.**

**Connection to internet through mobile**

### T- TEST ANALYSIS

1). Null Hypothesis: There is no huge distinction between impression of city and town respondents as to status of web association through Mobile Services.

2) Alternative Hypothesis: There is significant difference between perception of city and village respondent with regard to status of internet connection through mobile services

Group Statistics					
	Place	N	Mean	Std. Deviation	Std. Error Mean
Internet Connection	City	500	1.18	.388	.017
	Village	500	1.54	.499	.022

Independent Samples Test					
Particulars	Leven's Test for Equality of Variances		t-test for Equality of Means		
	F	Sig.	T	DF	Sig. (2-tailed)

Internet Connection	Equal variances assumed	314.804	.000	-12.524	998	.000
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From the above table it is apparent that Mean value of city and town individually is 1.18 and 1.54. Standard deviation of city and town respectively is 0.388, and 0.499. Estimation of "T" is -12.524, level of opportunity is 998, Significance level is 0.000,  $p < 0.05$ , hence it is comprehended that there is critical contrast amongst city and town respondents discernments concerning giving portable administrations and web association with Mobile clients. Subsequently, acknowledged. the alternative hypothesis is accepted.

**Research Objective Eleven: To probe different perceptions based on gender on various issues pertaining to mobile services.**

2) Null Hypothesis: There is no noteworthy distinction between view of men and ladies with reference to different issues relating to versatile administrations.

Alternative Hypothesis: There is noteworthy contrast between impression of men and ladies with reference to different issues relating to versatile administrations

**Perceptions about mobile tariff of mobile users based on gender**

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Tariff of mobile	Male	500	1.48	.500	.022
	Female	500	1.55	.498	.022

Independent Samples Test
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	Leven's Test for Equality of Variances		t-test for Equality of Means		
	F	Sig.	t	DF	Sig. (2-tailed)
Tariff of mobile	2.060	.152	-2.154	998	.031

From the above table it is apparent that mean estimation of male and female separately is 1.48 and 1.58. Standard deviation of male and female individually is .500, and .498. Estimation of "t" is -2.154, level of opportunity is 998, Significance level is .152,  $p > 0.05$ , in this manner it is comprehended that there is no huge distinction amongst male and female observations concerning duty of Mobile Services. Subsequently, invalid speculation is acknowledged.

#### Perceptions on mobile services delivered to citizens by the government based on gender

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Government mobile services to citizens	Male	500	1.04	.246	.011
	Female	500	1.04	.265	.012

Independent Samples Test		
	Levene's Test for Equality of Variances	t-test for Equality of Means



	F	Sig.	t	DF	Sig. (2-tailed)
Government mobile services to citizens Equal variances assumed	.544	.461	-.371	998	.711

From the table it is clear that mean estimation of male and female separately is 1.04 and 1.04. Standard deviation of male and female separately is .246, and .265. Estimation of "t" is -.371, level of opportunity is 998, Significance level is .461,  $p > 0.05$ , in this way it is comprehended that there is no huge contrast amongst male and female observations as for versatile administrations conveyed to nationals by the Government. Henceforth, invalid speculation is acknowledged.

#### Perceptions on mobile services used by citizens based on gender

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Citizens using the government mobile services	Male	500	1.52	1.115	.050
	Female	500	1.47	1.062	.047

Independent Samples Test		
	Levene's Test for Equality of Variances	t-test for Equality of Means

	F	Sig.	T	DF	Sig. (2-tailed)
Citizens using the government mobile services Equal variances assumed	2.480	.116	.784	998	.433

From the table it is clear that mean estimation of male and female separately is 1.04 and 1.04. Standard deviation of male and female individually is .246, and.265. Estimation of "t" is-.371, level of flexibility is 998, Significance level is.461,  $p > 0.05$ , accordingly it is comprehended that there is no huge distinction amongst male and female observations as for portable administrations conveyed to subjects by the Government. Henceforth, Null Hypothesis is acknowledged.

#### Using mobile services for economic purpose

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Usage the mobile services for economic purpose	Male	500	1.84	.944	.042
	Female	500	1.77	.820	.037

Independent Samples Test	
	Levene's Test for Equality of Variances
	t-test for Equality of Means

		F	Sig.	T	DF	Sig. (2-tailed)
Usage the mobile services for economic purpose	Equal variances assumed	3.371	.067	1.359	998	.174

From the table it is clear that mean estimation of male and female individually is 1.84 and 1.77, Standard deviation of male and female separately is .944, and .820, Value of "t" is 1.459, level of opportunity is 998, Significance level is .174,  $p > 0.05$ , accordingly it is comprehended that there is no critical distinction amongst male and female discernments as for the use of the versatile administrations for financial reason by the portable clients. Thus, Null Hypothesis is acknowledged.

### Perceptions on access to government websites based on gender

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Access to government websites	Male	500	1.54	.499	.022
	Female	500	1.52	.500	.022

Independent Samples Test	
	Levene's Test for Equality of Variances
	t-test for Equality of Means

		F	Sig.	t	DF	Sig. (2-tailed)
Accessing to government websites	Equal variances assumed	.555	.456	.380	998	.704

From the table it is apparent that mean estimation of male and female separately is 1.54 and 1.52, Standard deviation of male and female individually is .499, and .500, Value of "t" is .380, level of flexibility is 998, Significance level is .456,  $p > 0.05$ , along these lines it is comprehended that there is no noteworthy contrast between view of male and female respondents regarding getting to of government sites by the portable clients. Consequently, Null Hypothesis is acknowledged.

#### Technical problems related to low speed of internet

Group Statistics					
	Gender	N	Mean	Std. Deviation	Std. Error Mean
Technical problems	Male	500	1.08	1.187	.053
	Female	500	1.22	1.211	.054

Independent Samples Test		
	Levene's Test for Equality of Variances	t-test for Equality of Means

		F	Sig.	t	DF	Sig. (2-tailed)
Technical problems	Equal variances assumed	1.452	.228	-1.872	998	.061

From the table it is evident that mean value of male and female respondents respectively is 1.08 and 1.22, Standard deviation of male and female respectively is 1.182, and 1.211, Value of “t” is -1.872, degree of freedom is 998, Significance level is .061,  $p > 0.05$ , thus it is understood that there is no significant difference between male and female respondents perceptions with respect to technical problems faced by mobile users regarding low speed of internet. Hence, null hypothesis is accepted.

## CONCLUSION:

### Research Objective Ten: To investigate the difference in status of internet connection between City and Village

There is critical contrast amongst city and town respondent’s recognitions as for giving versatile administrations and web association with Mobile clients.

### Research Objective Eleven: To probe difference perceptions based on gender on various issues pertaining to mobile services.

There is no huge contrast amongst male and female discernments or perception regarding levy arrangements or plans of Mobile. There is no huge contrast amongst male and female recognitions regarding Mobile Services conveyed to nationals by the Government. There is no noteworthy distinction amongst male and female observations as for the residents utilizing the Mobile Services that are given by the legislature. There is no huge distinction amongst male and female discernments concerning the utilization of the Mobile Services for monetary reason by the Mobile

Clients. There is no huge distinction between view of male and female respondents concerning getting to of government sites by the Mobile Users. There is no critical contrast amongst male and female respondents' recognitions concerning specialized issues confronted by versatile clients with respect to low speed of web.

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