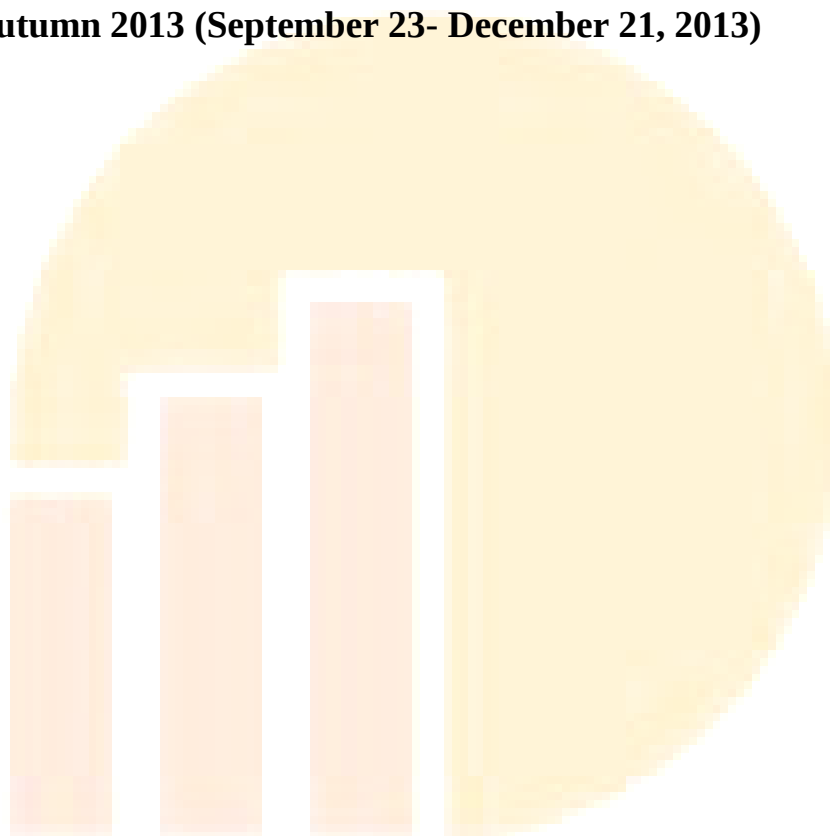


A Selection of Labor Force Survey Results

Autumn 2013 (September 23- December 21, 2013)



Statistical Centre of Iran

Introduction

The pair concepts of employment and unemployment are so basic to national economies that any rise in employment rate - which means a drop in unemployment - is reckoned as an indicator to the national development. Moreover, the unemployment rate is an indicator for appraising the economic conditions of the country. To quarterly and annually estimate the labor force indicators in Iran, the labor force survey is conducted on a seasonal basis across the nation by using sample rotation. As the survey is over, the outcomes are compared with those of the previous rounds in order to observe the possible changes in indicators over seasons at the national, urban, rural and provincial levels. The survey was first conducted in 2005 and since then has regularly been taken in the middle month of every season. Another survey titled Household Employment and Unemployment Characteristics Survey (HEUCS) would be implemented before L.F.S. The HEUCS was first taken in 1994 and repeated in the years 1997 to 2000 once a year from October 23 to November 21. From 2001 to 2003, it used to be taken on a seasonal basis, middle month of every season, while in 2004 it was only executed from April 21 to May 21 and October 23 to November 21. To improve the HEUCS quality and its conformance with the international concepts, particularly those of the ILO, the survey plan was revised into the current Labor Force Survey.

The rotational nature of the survey requires drawing on a basic sample— a sample out of which sub-samples might be taken to be used in different rounds of a certain survey or in different surveys. The basic sample of the Labor Force Survey for the years 2005-2008 was taken from the 2002 National Establishments Census frame. Following preparation of the basic sample, the list of households lied in the winter 2005 basic sample clusters was prepared to select the sample households based on the rotation pattern chosen for different rounds of the survey. The new basic sample was designed based on the listing information of the 2006 Population and Housing Census as of 21 March 2009. The current basic sample was taken from the 2011 National Population and Housing Census. Due to minor changes in population and housing units in the rural areas, no listing was made for the rural areas (unless in exceptional cases); accordingly listing forms of the 2011 National Housing and Population Census were used for rural areas. However, in order to prepare an appropriate and up-to-date frame in urban areas, some households were listed within the basic sample clusters from the end of February to the beginning of March 2013. It is noteworthy that for completion of basic sample in next years, some of the households are listed in each of basic sample clusters in the same manner.

Statistical Centre of Iran

Definitions and concepts

Economically active population

All people aged 10 or over (a specified minimum age) who according to the definition of work have been taking part in production of goods or services (employed) or have been able to take part in production of goods or services(unemployed) during the calendar week preceding the survey week (reference week) are considered as economically active population.

❖ Employed

All people aged 10 or over who according to the definition of work have worked for at least one hour ¹during the reference week or have temporarily left their job for one reason or another, are reckoned as employed. The employed are divided into two major groups of wage/salary earners and the self-employed. Being temporarily absent from the job within the reference week, while having a formal attachment to the job by the wage/salary earners and continuation of the business by the self-employed, is considered employment. The following people are also considered employed due to their critical role in the national economic activity.

- ❖ Persons who, without receiving any remuneration, work for a member of their household that is a relative (unpaid family workers).
- ❖ Trainees who perform an activity in relation to the activity of the workshop during the training period. In other words, they directly contribute to the production of goods or services and their activity is considered “work”.
- ❖ Students who have worked during the reference week, according to the definition of work
- ❖ All people who are serving as permanent and temporary cadre in the armed forces (armed forces, cadre personnel, soldiers, commissioned officers, non-commissioned officers of the military forces and the police).

Unemployed

The unemployed are all people aged 10 or over who:

1. have no job during the reference week (not engaged in a wage/salary job or self-employment,)
2. are available to work during the reference week or the following week (available for a wage/salary job or self-employment,)
3. have been seeking job during the reference week and the preceding three weeks (have taken specific steps to seek paid employment or self-employment).

All people who because of expecting to start a job in near future or return to their former job have not been seeking a job - had no job but have been available to work - are also considered unemployed.

¹ According to the ILO standards

Underemployed

The underemployed are all employed people who have been present in or temporarily absent from the workplace and have worked less than 44 hours during the reference week due to economic reasons such as work recession, not finding a job with more hours, or non-work season, but have been willing and ready to do more work.

Indicators

Economic participation rate (activity rate)

The ratio of the active population (employed & unemployed) 10 years of age or over (or 15 years of age or over) to the working age population 10 years of age or over (or 15 years of age or over) multiplied by 100.

$$\text{Economic participation rate} = \frac{\text{Economically active population aged 10 or over (aged 15 or over)}}{\text{Population aged 10 or over (aged 15 or over)}} \times 100$$

Unemployment rate

The ratio of the unemployed population to the active population (employed & unemployed) multiplied by 100.

$$\text{Unemployment rate} = \frac{\text{Unemployed population}}{\text{Active population}} \times 100$$

Unemployment rate of the population aged 15-24 (or 15-29 years old)

The ratio of the unemployed population aged 15 -24 (or15-29 years of age) to the economically active population at age 15-24 (or15-29) multiplied by 100.

$$\text{Unemployment rate aged 15-24 (15-29)} = \frac{\text{Unemployed population aged 15-24 (15-29)}}{\text{Economically active population aged 15-24 (15-29)}} \times 100$$

Underemployment rate

The ratio of the underemployed population to the active population multiplied by 100

$$\text{Underemployment rate} = \frac{\text{Underemployed population.}}{\text{Employed population.}} \times 100$$

Findings

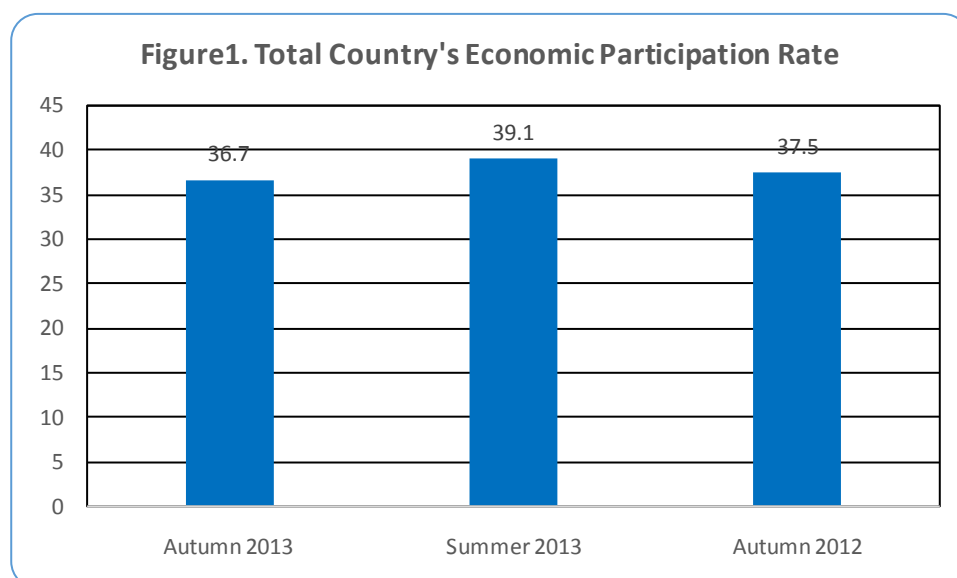
Table 1 contains the major labor force indicators resulted from the survey in the autumn 2013 (September 23- December 21, 2013). Table 2 reflects the changes in the labor force indicators compared to the previous season (summer 2013) and the corresponding season in the previous year (autumn 2012); table 3 provides similar comparisons at provincial level.

Table 1. Labor force indicators by sex, urban and rural areas; Autumn 2013

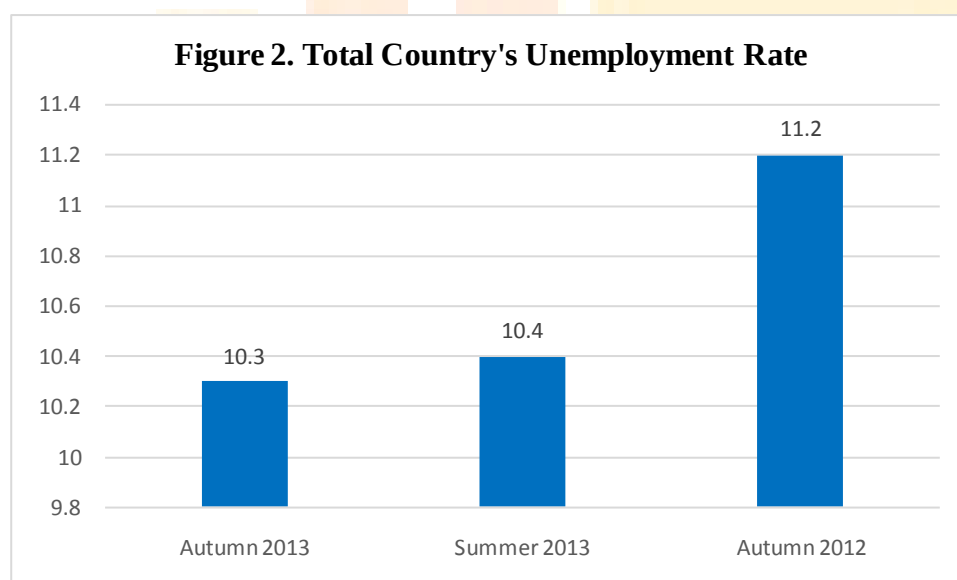
Labor force indicator		Total country	Male	Female	Urban areas	Rural areas
Economic activity rate of population aged 10 and over	Rate	36.7	62.1	11.3	36.0	38.6
	Number	23268808	19669980	3598827	16630424	6638383
Unemployment rate of population aged 10 and over	Rate	10.3	8.5	20.3	11.7	6.9
	Number	2401205	1668879	732325	1945596	455609
Unemployment rate of the population aged 15 and over	Rate	10.3	8.5	20.4	11.7	6.9
	Number	2399413	1667088	732325	1944926	454487
Unemployment rate of population aged 15-24	Rate	24.3	20.8	42.3	28.1	17.1
	Number	730042	522647	207395	552523	177519
Unemployment rate of population aged 15-29	Rate	21.6	17.3	41.7	24.5	14.3
	Number	1562731	1033470	529261	1267113	295618
Employment share in agriculture sector	Share	17.5	16.7	23.1	4.8	47.9
	Number	3661780	3000896	660884	698698	2963082
Employment share in manufacturing sector	Share	34.5	36.3	23.1	36.7	29.1
	Number	7195513	6534387	661126	5394137	1801375
Employment share in services sector	Share	48.0	47.0	53.9	58.5	22.9
	Number	10008540	8464161	1544379	8590479	1418060
Underemployment share		9.2	9.9	4.9	7.8	12.6
The contribution of the employed aged 15 and over with regular working hours of more than 49		37.6	41.3	14.1	39.4	33.2

Note: Difference in the total is due to rounding figures.

A review of the economic participation rate (activity rate) reveals that 36.7% of the working age population (10 years or over) are economically active; i.e., they lie either in the employed or the unemployed group. In addition, the results indicate that the economic participation rate stands lower for women compared to men and urban areas in contrast to rural areas. The review of the changes in the economic participation rate of the total country shows this rate dropped 0.8% and 2.4% compared with the last corresponding season (autumn 2012) and the previous season (summer 2013), respectively.



The unemployment rate among population aged 10 and over mentions that 10.3% of the economically active population were unemployed. Based on the results, the unemployment rate was higher for women and urban areas than men and rural areas. Review of the changes happened in the indicator at national level shows this indicator decreased by 0.9% and 0.1% compared to the last corresponding season (autumn 2012) and the previous season (summer 2013) respectively.



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The underemployment indicator tells that 9.2% of the total employed population was underemployed. The indicator stands higher for men and rural areas than for women and urban areas.

A review of the employment in major economic sectors indicates that the services sector holds the biggest share of employment with 48% of the total, followed by manufacturing sector with 34.5% and agriculture sector with 17.5%.

The unemployment rate of the economically active population aged 15-24 stood at 24.3% while standing higher for women and urban areas than for men and rural areas. Review of the changes shows that the indicator has experienced a 1.5% decrease and a 0.4% increase compared to the last corresponding season (autumn 2012) and the previous season (summer 2013), respectively.

The unemployment rate among the economically active population aged 15-29 indicates that 21.6% of the active population was unemployed. This indicator stands higher for women and urban areas than men and rural areas. Review of the changes shows that the indicator has experienced a 1.4% fall and a 0.5% rise compared to the last corresponding season (autumn 2012) and previous season (summer 2013) respectively.

Review of contribution of the employed population aged 15 or over working 49 or more hours shows that about 37.6% of them work more than 49 hours a week. As a decent work indicator, it reveals that a great share of the employed population of the country works more than the standard hours.

Table 2. Changes of major labor force indicators by sex, urban and rural areas-autumn 2013 compared with summer 2013 and with autumn 2012 (percent)

Labor force indicators	Total country				Male				Female			
	Summer 2013		Autumn 2012		Summer 2013		Autumn 2012		Summer 2013		Autumn 2012	
	Change	Rate	Change	Rate	Change	Rate	Change	Rate	Change	Rate	Change	Rate
Economic participation rate of population aged 10 and over	-2.4	39.1	-0.8	37.5	-2.6	64.7	0.8	61.3	-2.3	13.6	-2.4	13.7
Unemployment rate of population aged 10 and over	-0.1	10.4	-0.9	11.2	0.4	8.1	-1.3	9.8	-0.8	21.1	2.6	17.7
Unemployment rate among youths aged 15-24	0.4	23.9	-1.5	25.8	2.3	18.5	-1.9	22.7	-3.5	45.8	2.5	39.8
Unemployment rate among youths aged 15-29	0.5	21.1	-1.4	23.0	1.4	15.9	-3.1	20.4	0.0	41.7	7.9	33.8

Table 2. Changes of major labor force indicators by sex, urban and rural areas-autumn 2013 compared with summer 2013 and with autumn 2012 (continued) (percent)

Labor force indicators	Urban areas				Rural areas			
	Summer 2013		Autumn 2012		Summer 2013		Autumn 2012	
	Change	Rate	Change	Rate	Change	Rate	Change	Rate
Economic participation rate of population aged 10 and over	-2.2	38.2	-0.6	36.6	-3.0	41.6	-1.2	39.8
Unemployment rate of population aged 10 and over	-0.3	12.0	-0.8	12.5	0.7	6.2	-1.1	8.0
Unemployment rate among youths aged 15-24	-1.1	29.2	-1.0	29.1	2.8	14.3	-2.3	19.4
Unemployment rate among youths aged 15-29	0.0	24.5	-0.8	25.3	1.5	12.8	-3.1	17.4

Figure 3 shows unemployment in successive seasons of the years 2009-2013.

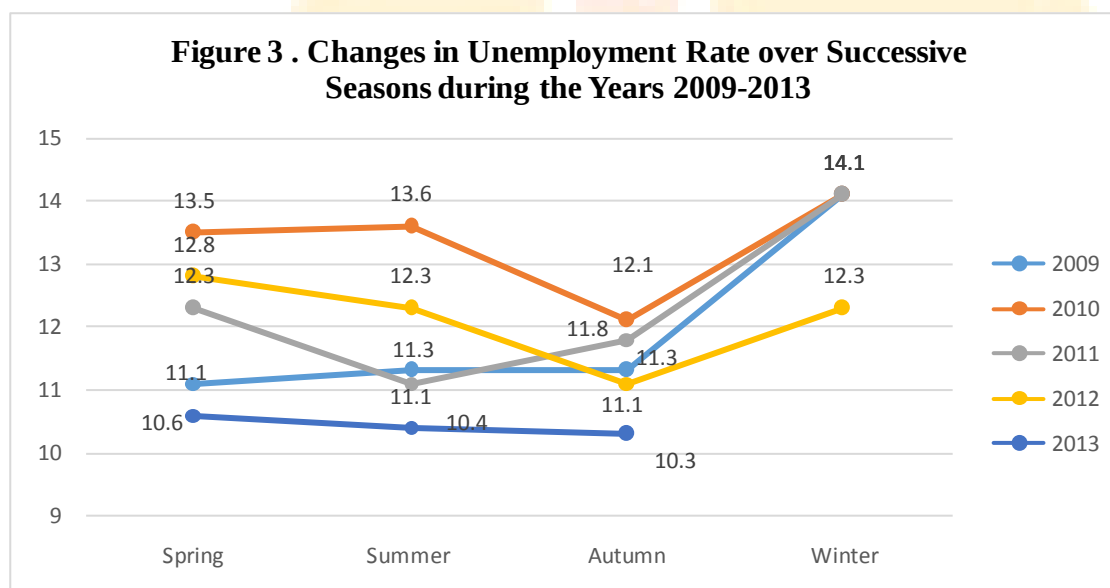


Table 3. shows the selected labor force indicators in autumn and summer 2013 and autumn 2012 by province.

Table3. Major selected labor force indicators by province; autumn 2013 compared with summer 2013 and with autumn 2012 by province

Province	Autumn 2013		Summer 2013		Autumn 2012	
	Economic participation rate	Unemployment rate	Economic participation rate	Unemployment rate	Economic participation rate	Unemployment rate
Total country	36.7	10.3	39.1	10.4	37.5	11.2
East Azarbayejan	38.7	6.9	42.5	9.8	40.8	10.4
West Azarbayejan	41.5	10.8	43.4	6.0	42.4	10.8
Ardebil	43.1	12.6	43.6	11.3	41.0	12.3
Esfahan	38	12.2	39.1	9.8	39.5	13.3
Alborz	36.9	10.1	38.5	11.0	37.3	14.1
Ilam	35.2	11.6	35.4	13.4	36.2	15.0
Bushehr	36.4	10.7	37.5	8.8	35.5	9.8
Tehran	34.9	10.1	39.1	11.1	37.6	9.5
Chaharmahal & Bakhtiari	33.8	7.0	37.0	9.8	35.8	11.4
South Khorasan	40.1	7.8	40.8	6.8	38.9	5.4
Khorasan-e-Razavi	38	7.7	41.9	6.6	42.5	7.9
North Khorasan	40.0	11.2	42.0	11.8	37.8	11.3
Khuzestan	34.5	9.2	38.2	14.5	34.3	14.1
Zanjan	37.8	11.9	41.8	8.1	42.4	10.1
Semnan	37.3	5.9	38.7	7.6	30.6	9.7
Sistan & Baluchestan	28.7	13.9	28.9	14.2	26.9	6.9
Fars	36.3	11.3	38.9	14.0	35.9	13.6
Qazvin	39.9	10.1	42.0	9.8	39.1	12.1
Qom	34.8	7.8	35.4	7.6	34.3	10.3
Kordestan	38.1	16.1	40.2	13.4	38.3	15.6
Kerman	35.7	5.4	34.6	7.2	32.8	7.2
Kermanshah	38.3	15.9	37.5	10.5	37.5	18.8
Kohgiluyeh & Boyer-Ahmad	29.8	14.7	31.0	15.6	28.5	10.8
Golestan	38.1	4.0	40.3	6.0	36.3	8.6
Gilan	37.9	16.4	43.0	11.8	38.5	15.1
Lorestan	32.4	18.9	34.3	14.7	35.9	20.6
Mazandaran	38.1	12.9	40.5	12.7	36.5	7.1
Markazi	36.6	8.1	38.3	11.4	37.8	10.1
Hormozgan	35.5	5.8	34.1	7.6	33.4	12.5
Hamedan	37.7	6.8	39.2	6.5	38.7	8.0
Yazd	36.6	6.5	37.7	6.7	35.7	10.7

Unemployment Rate of the Population Aged 10 and Over in Autumn 2013

