

# **A Selection of Labor Force Survey Results**

## **The Year 1392<sup>1</sup> (March 21, 2013- March 20, 2014)**

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1. Iranian year begins on March 21<sup>st</sup> of the Christian year and ends on March 20<sup>th</sup> of the next year. To convert the Iranian year into Christian year, add 621 to the former.

## **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 Rotation Sampling. 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 22. 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 22. 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 in the rural areas (unless in exceptional cases); accordingly listing forms of the 2011 National Housing and Population Census was 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 in the same form sample, some of the households are listed in each of basic sample clusters.

## 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<sup>1</sup> during 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.

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<sup>1</sup> 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 (15 years of age or over) to the working age population 10 years of age or over (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 ( 15-29 years old)**

The ratio of the unemployed population aged 15 -24 (15-29 years of age) to the economically active population at age 15-24 (15-29) 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

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

**Labor Force Indicators in the Year 1392**

Table 1 contains the major labor force indicators resulted from the Labor Force Survey in the year 1392<sup>1</sup>. Table 2 reflects the changes in the labor force indicators compared to the previous year 1391. In addition, tables 3-4 and 5-6 provide similar comparisons at seasonal level in the year 1392 and the years 1391-1392 at provincial level respectively.

| <b>Table 1. Labor force indicators by sex, urban and rural areas; the year 1392</b>          |        |               |          |         |             |             |
|--|--------|---------------|----------|---------|-------------|-------------|
| Labor force indicator  |        | Total country | Male     | Female  | Urban areas | Rural areas |
| Economic activity of population aged 10 and over   | Rate   | 37.6          | 63.0     | 12.4    | 36.9        | 39.7        |
|  | Number | 23834551      | 19914429 | 3920121 | 17015566    | 6818984     |
| Unemployment rate of population aged 10 and over   | Rate   | 10.4          | 8.6      | 19.8    | 11.8        | 7.0         |
|  | Number | 2488372       | 1713543  | 774828  | 2009784     | 478587      |
| Unemployment rate of population aged 15-24   | Rate   | 24.0          | 20.0     | 41.8    | 28.2        | 16.1        |
|  | Number | 808834        | 550743   | 258090  | 622765      | 186069      |
| Unemployment rate of population aged 15-29   | Rate   | 21.2          | 17.0     | 39.1    | 24.1        | 14.2        |
|  | Number | 1613874       | 1050950  | 562924  | 1302317     | 311557      |
| Employment share in agriculture sector   | Share  | 18.3          | 17.5     | 23.4    | 4.9         | 50.1        |
|  | Number | 3913412       | 3176453  | 736958  | 737382      | 3176030     |
| Employment share in manufacturing sector   | Share  | 34.3          | 35.9     | 25.0    | 36.9        | 28.1        |
|  | Number | 7313669       | 6528479  | 785190  | 5532977     | 1780692     |
| Employment share in services sector  | Share  | 47.4          | 46.6     | 51.6    | 58.2        | 21.8        |
|  | Number | 10110397      | 8488612  | 1621784 | 8730702     | 1379694     |
| Underemployment share of the population aged 10 and over                                     |        | 8.9           | 9.7      | 4.7     | 7.7         | 11.8        |
| The contribution of the employed aged 15 and over with regular working hours of more than 49 |        | 40.2          | 44.4     | 15.3    | 41.3        | 37.4        |

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

A review of the economic participation rate (activity rate) reveals that 37.6% of the population of working age (10 years and 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.

A review of the unemployment rate shows that 10.4% of the active population was unemployed. The results show that unemployment rate stands higher for women and urban areas than men and rural areas respectively.

A review of underemployment indicator shows that 8.9% of the population was underemployed. The indicator stands higher for men compared to women and rural areas in contrast to urban areas.

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A review of employment in major economic sectors indicates that the services sector holds the biggest share of employment with 47.4% of the total, followed by manufacturing sector with 34.3% and agriculture sector with 18.3 %.

The unemployment rate of the economically active population aged 15-24 stood at 24.0 %. This indicator is higher for women and urban areas than for men and rural areas.

The unemployment rate among economically active population aged 15-29 indicates that 21.2% of the active population was unemployed. This indicator stands higher for women and urban areas than men and rural areas.

Review of contribution of the employed population aged 15 and over with the usual working hours 49 and over shows that 40.2% 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.

| Labor force indicators                      | Total country |        | Male          |        | Female        |        | Urban Areas   |        | Rural Areas   |        |
|---|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|   | The year 1391 | Change | The year 1391 | Change | The year 1391 | Change | The year 1391 | Change | The year 1391 | Change |
| Economic participation rate (activity rate) | 37.4          | 0.2    | 61.2          | 1.8    | 13.7          | -1.3   | 36.5          | 0.4    | 40.0          | -0.3   |
| Unemployment rate                           | 12.1          | -1.7   | 10.4          | -1.8   | 19.7          | 0.1    | 13.8          | -2.0   | 8.2           | -1.2   |
| Unemployment rate among youths aged 15-24   | 26.8          | -2.8   | 23.3          | -3.3   | 41.2          | 0.6    | 31.4          | -3.2   | 18.4          | -2.3   |
| Unemployment rate among youths aged 15-29   | 24.4          | -3.2   | 20.8          | -3.8   | 38.1          | 1.0    | 27.4          | -3.3   | 17.1          | -2.9   |

This table shows the changes of major labor force indicators by sex, urban and rural areas in the year 1392 compared with the previous year. The changes in the indicators at national level are as follows:

- \_ Economic participation rate (activity rate) in the year 1392 experienced a 0.2% increase compared to the year 1391.
- \_ The unemployment rate in the year 1392 decreased by 1.7% compared to the year 1391.
- \_ The unemployment rate of youth aged 15-24 experienced a 2.8% fall compared to the year 1391.
- \_ The unemployment rate of youth aged 15-29 experienced a 3.2% decrease compared to the year 1391.

Figure 1 shows economic participation rate for the years 1384-1392.

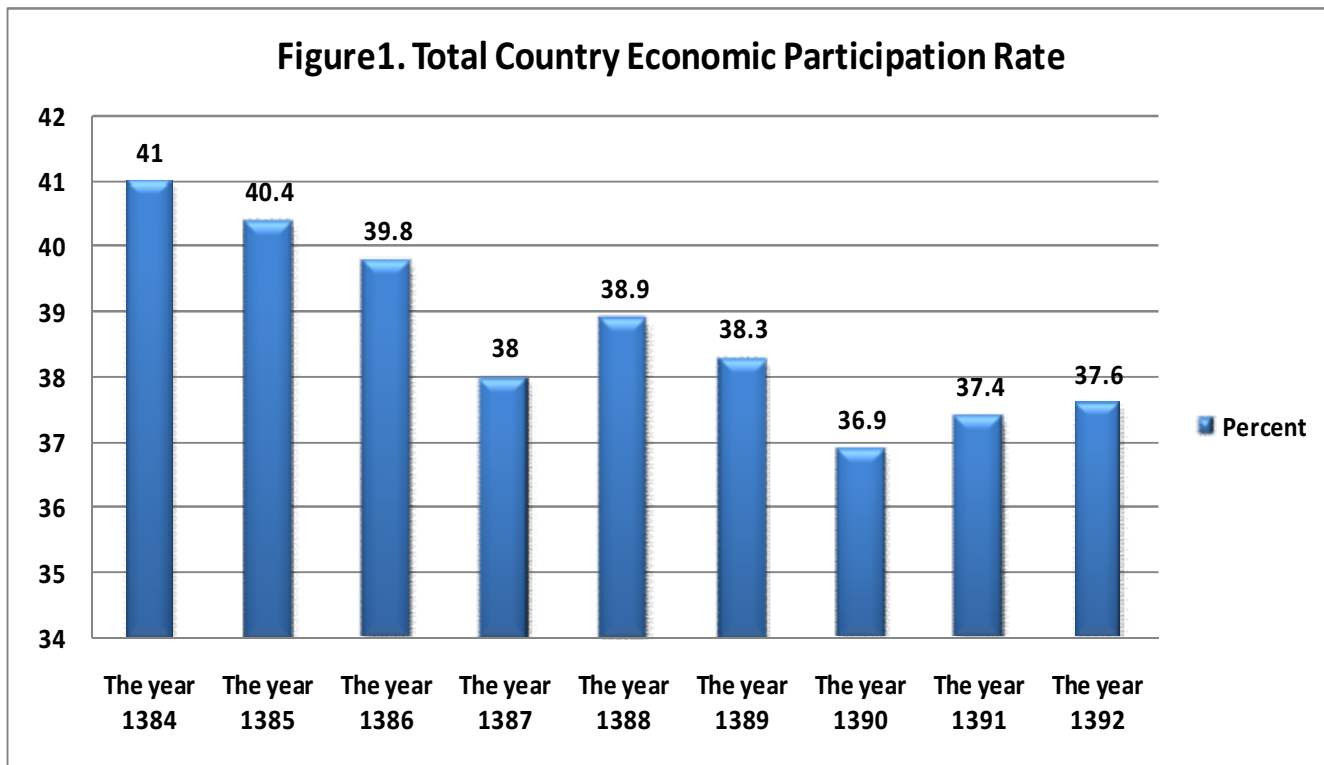


Figure 2 shows unemployment rate for the years 1384-1392.

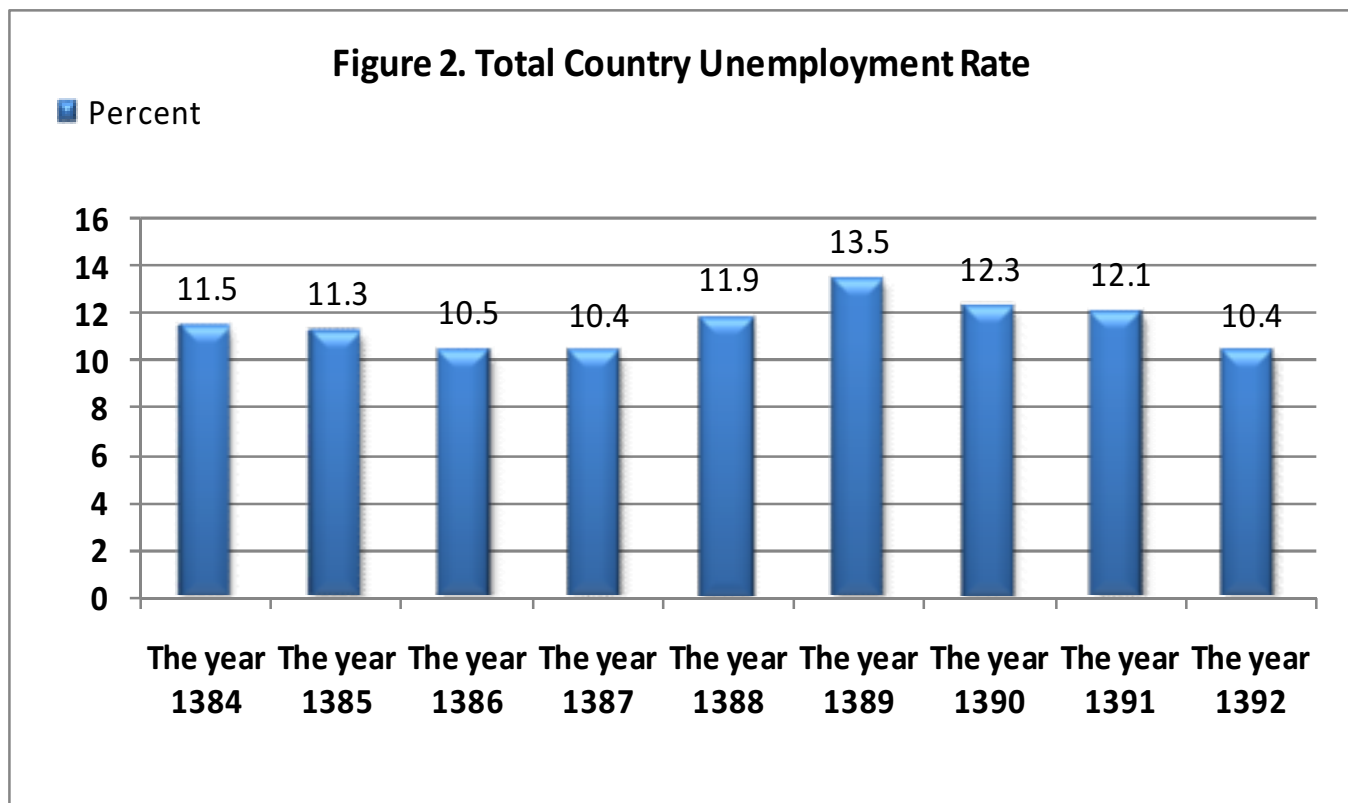


Figure 3 shows unemployment rate over successive seasons of the years **1388-1392**.

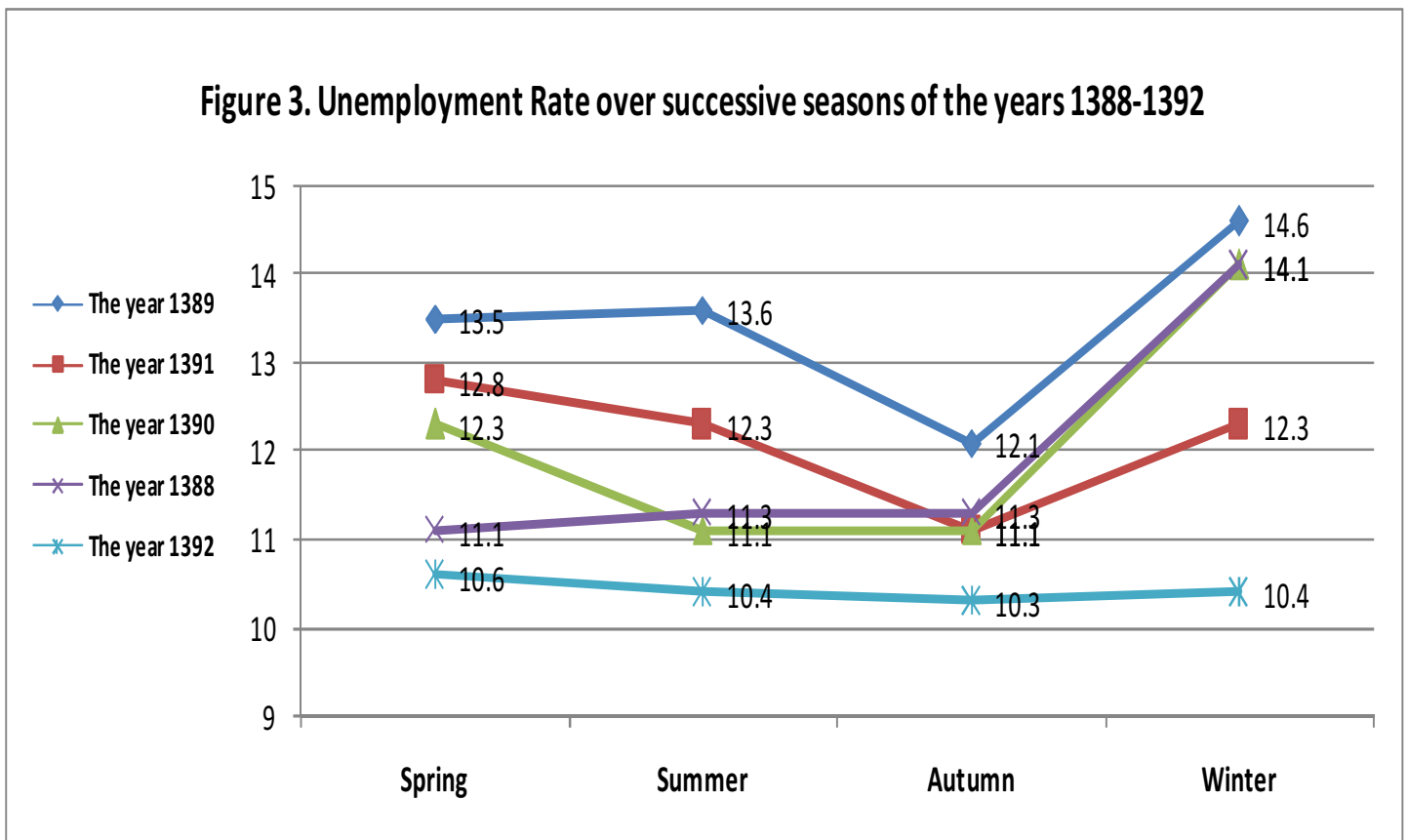




Table 3 shows the economic participation rate and unemployment rate over successive seasons in the year 1392 by province.

| <b>Table3. Labor force indicators by province; the year 1392</b> |                             |                   |                             |                   |
|--|-----------------------------|-------------------|-----------------------------|-------------------|
| Province   | Total                       |                   | Spring                      |                   |
|  | Economic participation rate | Unemployment rate | Economic participation rate | Unemployment rate |
| Total country  | 37.6                        | 10.4              | 39.3                        | 10.6              |
| East Azarbayejan   | 41.1                        | 9.6               | 44.1                        | 12.7              |
| West Azarbayejan   | 41.3                        | 9.3               | 42.6                        | 8.2               |
| Ardebil  | 42.6                        | 12.3              | 42.4                        | 12.5              |
| Esfahan  | 38.7                        | 10.9              | 40.0                        | 9.0               |
| Alborz   | 37.4                        | 10.7              | 38.5                        | 12.8              |
| Ilam   | 35.4                        | 13.8              | 35.7                        | 19.2              |
| Bushehr  | 37.0                        | 9.0               | 37.4                        | 6.9               |
| Tehran   | 36.6                        | 9.9               | 38.6                        | 10.7              |
| Chaharmahal & Bakhtiari  | 35.7                        | 10.7              | 38.7                        | 11.3              |
| South Khorasan   | 39.5                        | 8.0               | 41.9                        | 10.7              |
| Khorasan-e-Razavi  | 39.6                        | 7.9               | 42.3                        | 7.9               |
| North Khorasan   | 40.6                        | 12.4              | 44.3                        | 11.7              |
| Khuzestan  | 35.9                        | 13.1              | 36.6                        | 20.8              |
| Zanjan   | 39.0                        | 9.9               | 42.1                        | 7.4               |
| Semnan   | 38.4                        | 7.4               | 40.4                        | 9.8               |
| Sistan & Baluchestan   | 28.5                        | 11.4              | 29.5                        | 8.6               |
| Fars   | 37.6                        | 13.3              | 39.6                        | 14.0              |
| Qazvin   | 40.6                        | 10.3              | 41.5                        | 10.2              |
| Qom  | 34.9                        | 7.7               | 36.3                        | 8.1               |
| Kordestan  | 39.0                        | 13.6              | 39.7                        | 9.5               |
| Kerman   | 35.3                        | 6.1               | 35.8                        | 6.6               |
| Kermanshah   | 37.0                        | 14.6              | 36.9                        | 11.4              |
| Kohgiluyeh & Boyerahmad  | 30.7                        | 16.5              | 33.3                        | 17.6              |
| Golestan   | 38.6                        | 5.8               | 41.0                        | 5.1               |
| Gilan  | 40.3                        | 13.6              | 43.2                        | 8.4               |
| Lorestan   | 34.1                        | 17.1              | 36.4                        | 15.2              |
| Mazandaran   | 39.2                        | 11.0              | 40.9                        | 9.4               |
| Markazi  | 37.2                        | 8.6               | 38.0                        | 7.2               |
| Hormozgan  | 33.8                        | 7.4               | 34.1                        | 8.1               |
| Hamedan  | 37.1                        | 7.7               | 37.6                        | 5.8               |
| Yazd   | 36.6                        | 6.5               | 37.9                        | 7.2               |

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**Table3. Labor force indicators by province; the year 1392- continued**

| Province                | Summer                      |                   | Autumn                      |                   | Winter                      |                   |
|-------------------------|-----------------------------|-------------------|-----------------------------|-------------------|-----------------------------|-------------------|
|                         | Economic participation rate | Unemployment rate | Economic participation rate | Unemployment rate | Economic participation rate | Unemployment rate |
| Total country           | 39.1                        | 10.4              | 36.7                        | 10.3              | 35.4                        | 10.5              |
| East Azarbayejan        | 42.5                        | 9.8               | 38.7                        | 6.9               | 39.1                        | 8.5               |
| West Azarbayejan        | 43.4                        | 6.0               | 41.5                        | 10.8              | 37.9                        | 12.4              |
| Ardebil                 | 43.6                        | 11.3              | 43.1                        | 12.6              | 41.3                        | 13.0              |
| Esfahan                 | 39.1                        | 9.8               | 38.0                        | 12.2              | 37.5                        | 12.6              |
| Alborz                  | 38.5                        | 11.0              | 36.9                        | 10.1              | 35.7                        | 8.7               |
| Ilam                    | 35.4                        | 13.4              | 35.2                        | 11.6              | 35.2                        | 11.1              |
| Bushehr                 | 37.5                        | 8.8               | 36.4                        | 10.7              | 36.8                        | 9.7               |
| Tehran                  | 39.1                        | 11.1              | 34.9                        | 10.1              | 33.7                        | 7.3               |
| Chaharmahal & Bakhtiari | 37.0                        | 9.8               | 33.8                        | 7.0               | 33.4                        | 14.9              |
| South Khorasan          | 40.8                        | 6.8               | 40.1                        | 7.8               | 35.2                        | 6.7               |
| Khorasan-e-Razavi       | 41.9                        | 6.6               | 38.0                        | 7.7               | 36.0                        | 9.7               |
| North Khorasan          | 42.0                        | 11.8              | 40.0                        | 11.2              | 35.9                        | 15.3              |
| Khuzestan               | 38.2                        | 14.5              | 34.5                        | 9.2               | 34.4                        | 6.9               |
| Zanjan                  | 41.8                        | 8.1               | 37.8                        | 11.9              | 34.0                        | 13.1              |
| Semnan                  | 38.7                        | 7.6               | 37.3                        | 5.9               | 37.3                        | 6.0               |
| Sistan & Baluchestan    | 28.9                        | 14.2              | 28.7                        | 13.9              | 27.0                        | 8.7               |
| Fars                    | 38.9                        | 14.0              | 36.3                        | 11.3              | 35.8                        | 14.0              |
| Qazvin                  | 42.0                        | 9.8               | 39.9                        | 10.1              | 38.9                        | 11.2              |
| Qom                     | 35.4                        | 7.6               | 34.8                        | 7.8               | 33.1                        | 7.3               |
| Kordestan               | 40.2                        | 13.4              | 38.1                        | 16.1              | 38.0                        | 15.8              |
| Kerman                  | 34.6                        | 7.2               | 35.7                        | 5.4               | 35.2                        | 5.2               |
| Kermanshah              | 37.5                        | 10.5              | 38.3                        | 15.9              | 35.4                        | 20.7              |
| Kohgiluyeh & Boyerahmad | 31.0                        | 15.6              | 29.8                        | 14.7              | 28.7                        | 17.9              |
| Golestan                | 40.3                        | 6.0               | 38.1                        | 4.0               | 34.9                        | 8.1               |
| Gilan                   | 43.0                        | 11.8              | 37.9                        | 16.4              | 36.9                        | 19.0              |
| Lorestan                | 34.3                        | 14.7              | 32.4                        | 18.9              | 33.3                        | 19.8              |
| Mazandaran              | 40.5                        | 12.7              | 38.1                        | 12.9              | 37.4                        | 8.7               |
| Markazi                 | 38.3                        | 11.4              | 36.6                        | 8.1               | 36.0                        | 7.5               |
| Hormozgan               | 34.1                        | 7.6               | 35.5                        | 5.8               | 31.7                        | 8.0               |
| Hamedan                 | 39.2                        | 6.5               | 37.7                        | 6.8               | 33.9                        | 12.0              |
| Yazd                    | 37.7                        | 6.7               | 36.6                        | 6.5               | 34.2                        | 5.6               |

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| <b>Table.4. Main labor force indicators by province- the years 1391-1392</b> |                             |               |                   |               |
|--|-----------------------------|---------------|-------------------|---------------|
| Province   | Economic participation rate |               | Unemployment rate |               |
|  | The year 1391               | The year 1392 | The year 1391     | The year 1392 |
| Total country  | 37.4                        | 37.6          | 12.1              | 10.4          |
| East Azarbayejan   | 40.4                        | 41.1          | 12.4              | 9.6           |
| West Azarbayejan   | 42.7                        | 41.3          | 11.0              | 9.3           |
| Ardebil  | 42.4                        | 42.6          | 13.3              | 12.3          |
| Esfahan  | 39.7                        | 38.7          | 13.7              | 10.9          |
| Alborz   | 36.9                        | 37.4          | 14.9              | 10.7          |
| Ilam   | 35.2                        | 35.4          | 17.2              | 13.8          |
| Bushehr  | 35.1                        | 37.0          | 11.6              | 9.0           |
| Tehran   | 37.5                        | 36.6          | 11.6              | 9.9           |
| Chaharmahal & Bakhtiyari   | 36.4                        | 35.7          | 10.8              | 10.7          |
| South Khorasan   | 38.0                        | 39.5          | 6.3               | 8.0           |
| Khorasan-e-Razavi  | 40.0                        | 39.6          | 8.6               | 7.9           |
| North Khorasan   | 37.2                        | 40.6          | 10.5              | 12.4          |
| Khuzestan  | 33.7                        | 35.9          | 12.7              | 13.1          |
| Zanjan   | 42.1                        | 39.0          | 11.2              | 9.9           |
| Semnan   | 31.0                        | 38.4          | 9.6               | 7.4           |
| Sistan & Baluchestan   | 26.7                        | 28.5          | 10.4              | 11.4          |
| Fars   | 36.5                        | 37.6          | 16.7              | 13.3          |
| Qazvin   | 38.6                        | 40.6          | 12.0              | 10.3          |
| Qom  | 34.5                        | 34.9          | 11.3              | 7.7           |
| Kordestan  | 39.3                        | 39.0          | 13.9              | 13.6          |
| Kerman   | 33.8                        | 35.3          | 7.7               | 6.1           |
| Kermanshah   | 38.2                        | 37.0          | 16.1              | 14.6          |
| Kohgiluyeh & Boyerahmad  | 29.5                        | 30.7          | 12.2              | 16.5          |
| Golestan   | 36.5                        | 38.6          | 8.9               | 5.8           |
| Gilan  | 40.3                        | 40.3          | 15.5              | 13.6          |
| Lorestan   | 35.0                        | 34.1          | 20.0              | 17.1          |
| Mazandaran   | 38.0                        | 39.2          | 9.7               | 11.0          |
| Markazi  | 38.0                        | 37.2          | 10.3              | 8.6           |
| Hormozgan  | 33.1                        | 33.8          | 11.5              | 7.4           |
| Hamedan  | 38.3                        | 37.1          | 9.6               | 7.7           |
| Yazd   | 35.4                        | 36.6          | 10.2              | 6.5           |

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| Table.5. Share of main activity sectors by province- the years 1391-1392 |               |               |               |               |               |               |
|--|---------------|---------------|---------------|---------------|---------------|---------------|
| Provinces  | Agriculture   |               | Manufacturing |               | Services      |               |
|  | The year 1391 | The year 1392 | The year 1391 | The year 1392 | The year 1391 | The year 1392 |
| Total country  | 19.4          | 18.3          | 33.4          | 34.3          | 47.2          | 47.4          |
| East Azarbayejan   | 21.8          | 20.5          | 41.4          | 40.8          | 36.7          | 38.7          |
| West Azarbayejan   | 39.3          | 30.9          | 24.5          | 26.3          | 36.1          | 42.8          |
| Ardebil  | 35.0          | 32.1          | 27.7          | 25.5          | 37.3          | 42.4          |
| Esfahan  | 11.4          | 9.6           | 42.6          | 44.7          | 46.0          | 45.7          |
| Alborz   | 3.3           | 3.4           | 42.1          | 43.4          | 54.6          | 53.2          |
| Ilam   | 25.0          | 26.2          | 28.0          | 28.1          | 47.0          | 45.7          |
| Bushehr  | 17.3          | 15.8          | 23.4          | 25.3          | 59.2          | 58.9          |
| Tehran   | 1.6           | 1.5           | 33.9          | 37.4          | 64.5          | 61.1          |
| Chaharmahal & Bakhtiari  | 15.6          | 16.1          | 42.2          | 43.4          | 42.1          | 40.5          |
| South Khorasan   | 37.5          | 35.3          | 28.5          | 26.5          | 34.0          | 38.2          |
| Khorasan-e-Razavi  | 22.7          | 24.9          | 35.4          | 34.0          | 41.9          | 41.1          |
| North Khorasan   | 37.7          | 35.9          | 28.1          | 29.0          | 34.2          | 35.1          |
| Khuzestan  | 19.2          | 18.1          | 32.7          | 30.7          | 48.1          | 51.2          |
| Zanjan   | 31.4          | 31.6          | 33.7          | 32.5          | 34.9          | 35.9          |
| Semnan   | 14.0          | 15.0          | 33.6          | 34.6          | 52.4          | 49.7          |
| Sistan & Baluchestan   | 25.6          | 22.6          | 32.6          | 31.1          | 41.8          | 46.3          |
| Fars   | 24.6          | 19.8          | 30.5          | 32.1          | 45.0          | 48.2          |
| Qazvin   | 21.6          | 21.0          | 36.2          | 36.8          | 42.1          | 42.1          |
| Qom  | 5.3           | 4.2           | 41.1          | 43.2          | 53.6          | 52.5          |
| Kordestan  | 30.2          | 27.4          | 26.9          | 26.1          | 42.9          | 46.4          |
| Kerman   | 32.7          | 35.7          | 31.5          | 28.1          | 35.7          | 36.2          |
| Kermanshah   | 28.6          | 22.4          | 21.7          | 25.4          | 49.7          | 52.2          |
| Kohgiluyeh & Boyerahmad  | 19.9          | 18.2          | 34.6          | 36.5          | 45.5          | 45.3          |
| Golestan   | 28.8          | 30.5          | 32.6          | 31.3          | 38.7          | 38.2          |
| Gilan  | 26.4          | 26.2          | 26.6          | 25.8          | 47.1          | 47.4          |
| Lorestan   | 30.3          | 29.2          | 29.2          | 29.2          | 40.5          | 41.6          |
| Mazandaran   | 21.1          | 19.9          | 30.4          | 32.7          | 48.6          | 47.5          |
| Markazi  | 20.6          | 20.5          | 37.9          | 41.6          | 41.5          | 37.8          |
| Hormozgan  | 15.6          | 18.7          | 31.0          | 28.7          | 53.4          | 52.5          |
| Hamedan  | 27.4          | 25.8          | 31.6          | 34.3          | 40.9          | 39.8          |
| Yazd   | 12.7          | 8.8           | 43.1          | 46.8          | 44.3          | 44.4          |

**Table.6. Share of main activity sectors in successive seasons by province- the years 1392**

| Province                | Spring      |               |          | Summer      |               |          |
|-------------------------|-------------|---------------|----------|-------------|---------------|----------|
|                         | Agriculture | Manufacturing | Services | Agriculture | Manufacturing | Services |
| Total country           | 19.7        | 33.7          | 46.5     | 19.5        | 33.9          | 46.5     |
| East Azarbayejan        | 19.8        | 41.4          | 38.8     | 23.7        | 39.9          | 36.4     |
| West Azarbayejan        | 33.2        | 27.3          | 39.6     | 35.9        | 25.5          | 38.6     |
| Ardebil                 | 32.9        | 24.0          | 43.1     | 33.7        | 24.9          | 41.4     |
| Esfahan                 | 11.3        | 42.8          | 45.9     | 10.8        | 45.4          | 43.7     |
| Alburz                  | 3.7         | 40.6          | 55.6     | 4.6         | 43.4          | 51.8     |
| Ilam                    | 24.0        | 28.0          | 48.0     | 27.1        | 27.3          | 45.6     |
| Bushehr                 | 17.4        | 23.5          | 58.9     | 13.4        | 27.0          | 59.6     |
| Tehran                  | 2.0         | 37.7          | 60.3     | 1.5         | 35.6          | 62.7     |
| Chaharmahal & Bakhtiari | 19.6        | 41.4          | 39.0     | 18.8        | 43.3          | 38.0     |
| South Khorasan          | 34.1        | 26.5          | 39.4     | 36.2        | 27.2          | 36.6     |
| Khorasan-e-Razavi       | 25.1        | 34.0          | 41.0     | 26.9        | 34.6          | 38.5     |
| North Khorasan          | 37.2        | 30.0          | 32.8     | 39.6        | 27.7          | 32.8     |
| Khuzestan               | 19.4        | 29.1          | 51.4     | 17.9        | 32.6          | 49.4     |
| Zanjan                  | 34.6        | 30.5          | 34.9     | 34.1        | 31.2          | 34.7     |
| Semnan                  | 18.3        | 34.0          | 46.9     | 17.1        | 35.5          | 46.9     |
| Sistan & Baluchestan    | 24.0        | 30.0          | 46.0     | 22.8        | 32.1          | 45.1     |
| Fars                    | 20.2        | 31.0          | 48.8     | 19.6        | 31.0          | 49.4     |
| Qazvin                  | 22.4        | 36.5          | 40.9     | 22.7        | 38.9          | 38.4     |
| Qom                     | 3.7         | 46.3          | 50.0     | 4.3         | 44.0          | 51.6     |
| Kordestan               | 30.4        | 25.9          | 43.3     | 29.1        | 26.5          | 44.4     |
| Kerman                  | 35.2        | 28.0          | 36.8     | 34.7        | 27.9          | 37.3     |
| Kermanshah              | 22.7        | 25.3          | 52.0     | 22.2        | 26.3          | 51.5     |
| Kohgiluyeh & Boyerahmad | 23.9        | 32.4          | 43.7     | 18.0        | 39.5          | 42.5     |
| Golestan                | 33.2        | 31.0          | 35.8     | 32.4        | 30.1          | 37.5     |
| Gilan                   | 35.5        | 22.3          | 42.2     | 30.2        | 22.0          | 45.8     |
| Lorestan                | 30.0        | 29.4          | 40.6     | 28.8        | 28.6          | 42.5     |
| Mazandaran              | 23.2        | 30.8          | 46.1     | 21.2        | 31.6          | 47.2     |
| Markazi                 | 22.0        | 39.8          | 38.2     | 21.7        | 40.5          | 37.8     |
| Hormozgan               | 18.2        | 30.1          | 51.7     | 18.2        | 28.5          | 53.1     |
| Hamedan                 | 26.7        | 37.1          | 36.0     | 29.1        | 35.0          | 35.9     |
| Yazd                    | 10.8        | 44.8          | 44.4     | 9.0         | 47.1          | 43.9     |

Table.6. Share of main activity sectors in successive seasons by province- the years 1392-continued

| Province                | Autumn      |               |          | Winter      |               |          |
|-------------------------|-------------|---------------|----------|-------------|---------------|----------|
|                         | Agriculture | Manufacturing | Services | Agriculture | Manufacturing | Services |
| Total country           | 17.5        | 34.5          | 48.0     | 16.3        | 35.1          | 48.6     |
| East Azarbayejan        | 19.8        | 40.3          | 39.8     | 18.5        | 41.7          | 39.8     |
| West Azarbayejan        | 29.6        | 25.8          | 44.6     | 23.7        | 26.6          | 49.7     |
| Ardebil                 | 30.6        | 27.7          | 41.7     | 30.9        | 25.5          | 43.6     |
| Esfahan                 | 7.9         | 45.2          | 46.9     | 8.3         | 45.4          | 46.3     |
| Alborz                  | 3.4         | 44.4          | 52.1     | 1.9         | 45.1          | 53.0     |
| Ilam                    | 29.4        | 28.0          | 42.5     | 24.0        | 29.0          | 47.0     |
| Bushehr                 | 16.8        | 24.2          | 59.0     | 15.5        | 26.5          | 58.0     |
| Tehran                  | 1.4         | 35.5          | 63.1     | 1.0         | 40.9          | 58.1     |
| Chaharmahal & Bakhtiari | 13.5        | 46.6          | 39.9     | 11.9        | 42.3          | 45.7     |
| South Khorasan          | 39.2        | 24.5          | 36.3     | 31.4        | 27.9          | 40.7     |
| Khorasan-e-Razavi       | 25.0        | 34.5          | 40.5     | 22.2        | 32.7          | 45.1     |
| North Khorasan          | 36.0        | 29.3          | 34.7     | 29.2        | 29            | 41.8     |
| Khuzestan               | 19.0        | 30.1          | 50.9     | 16.3        | 30.7          | 53.0     |
| Zanjan                  | 30.7        | 32.8          | 36.5     | 25.2        | 36.6          | 38.2     |
| Semnan                  | 11.8        | 35.9          | 51.4     | 12.7        | 33.1          | 53.7     |
| Sistan & Baluchestan    | 21.9        | 31.8          | 46.3     | 21.7        | 30.6          | 47.7     |
| Fars                    | 20.7        | 33.6          | 45.8     | 18.6        | 32.7          | 48.8     |
| Qazvin                  | 19.2        | 38.8          | 42.0     | 19.3        | 32.8          | 47.9     |
| Qom                     | 4.2         | 40.6          | 55.2     | 4.7         | 41.9          | 53.4     |
| Kordestan               | 25.3        | 26.0          | 48.7     | 24.3        | 25.9          | 49.8     |
| Kerman                  | 35.7        | 28.1          | 36.2     | 37.1        | 28.2          | 34.7     |
| Kermanshah              | 22.4        | 25.8          | 51.7     | 22.1        | 24.2          | 53.7     |
| Kohgiluyeh & Boyerahmad | 15.6        | 38.2          | 46.3     | 14.4        | 36.4          | 49.2     |
| Golestan                | 28.8        | 31.8          | 39.3     | 27.1        | 32.3          | 40.6     |
| Gilan                   | 16.9        | 31.0          | 52.1     | 18.3        | 29.9          | 51.6     |
| Lorestan                | 26.4        | 29.8          | 43.9     | 31.5        | 29.1          | 39.4     |
| Mazandaran              | 16.8        | 34.5          | 48.8     | 18.1        | 34.0          | 47.9     |
| Markazi                 | 19.9        | 42.6          | 37.5     | 18.5        | 43.8          | 37.7     |
| Hormozgan               | 20.3        | 28.8          | 50.9     | 18.1        | 27.5          | 54.4     |
| Hamedan                 | 22.8        | 35.9          | 41.3     | 24.3        | 28.1          | 47.5     |
| Yazd                    | 7.7         | 46.8          | 45.4     | 7.6         | 48.5          | 43.9     |