



सत्यमेव जयते

**Report  
on  
Quarterly Employment  
Survey  
(January - March, 2011)**

Government of India  
Ministry of Labour & Employment  
Labour Bureau  
Chandigarh  
June, 2011

## **Acknowledgement**

I, sincerely thank the Secretary, Ministry of Labour & Employment, Government of India for entrusting the important task of conducting Quarterly Employment surveys on effect of economic slowdown on employment in India, to the Labour Bureau. We conducted the first such national survey for the quarter October-December, 2008, though on a small sample basis, during January, 2009 and submitted report within a period of one month.

Nine quick quarterly surveys had been conducted earlier and reports thereon had been released. The present report is the tenth quarterly quick employment survey based on the employment data collected for the period Jan-Mar, 2011. I appreciate the wholehearted efforts of the staff of Labour Bureau towards

collection of data and preparation of the report.

I am thankful to the Labour & Employment Adviser of the Ministry in guiding us. I am also grateful to the State Labour authorities and the management of the sample units for their active co-operation extended to the Labour Bureau in making this survey successful.

B.N.Nanda  
Director General

Place: Chandigarh  
Date: 08.06.2011

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## **Executive Summary**

- The present survey is the tenth in the series of “Quarterly Quick Employment Surveys” conducted by the Bureau to assess the impact of economic slowdown on employment in India.
- The survey was conducted in the month of April, 2011 and covers the period January-March, 2011.
- A total of 2,406 sample units have been covered during the survey in eight selected sectors viz. textiles, leather, metals, automobiles, gems & jewellery, transport, IT/BPO and handloom/powerloom.
- At overall level, the employment has increased by 1.74 lakh during the period March, 2011 over December, 2010.

- At industry level, the maximum increase in employment during the quarter is observed in the IT/BPO sector where it increased by 2.87 lakh during the reference period.
- In the direct category of workers, the employment has increased more rapidly than in the contract category of workers during the period March, 2011 over December, 2010. At overall level, 1.80 lakh increase in employment is seen in the direct category of workers during the quarter under survey.
- The exporting units also have shown an increasing trend in employment during the reference period. Employment in the exporting units during the January-March, 2011 quarter increased by 1.99 lakh at overall level.
- Results of the four quarterly surveys conducted in the financial year 2010-11

(i.e. Apr, 10 to Mar, 11) indicate that the employment at overall level has increased by 9.79 lakh during the year.

# **Chapter I**

## **INTRODUCTION**

Labour Bureau is conducting a series of quarterly quick employment surveys since January, 2009 to study the impact of global economic slowdown on employment in Indian economy. These surveys are being conducted in those selected sectors of the economy which are likely to be adversely affected by the global economic slowdown. Although, the scope of this survey is limited; the trends of the employment scenario in the specific sectors covered under the study facilitate policy making and for taking corrective measures based on the survey results.

The first quarterly survey was conducted in the month of January, 2009 to study the impact of slowdown on employment during the quarter Oct-Dec, 2008. The survey was conducted in seven important sectors of the economy viz.

Textiles, Metals, Automobiles, Gems & Jewellery, Transport, IT/BPO and Mining. The findings of the survey were released in the last week of January, 2009. In the survey, a sample of 2,581 units was covered from 20 centres spread across eleven States/UTs. About half a million workers lost their jobs during the quarter in the sectors studied.

Construction sector was also covered in the first quarterly survey but due to non-cooperation of the sample units and unavailability of reliable data, results could not be compiled. Hence, the sector is not being covered in the subsequent quarterly surveys.

The second survey was conducted in the month of April, 2009 to study the impact on employment during the quarter Jan-March, 2009. In this survey, two additional sectors namely leather and handloom/ powerloom were covered whereas mining sector covered during the first survey was excluded. The detailed report

of the survey was released in May, 2009. A sample of 3,192 units from 21 centers spread across eleven States/UTs was covered during the survey. More than a quarter million jobs were added during the quarter. There appeared to be a modest recovery in employment probably due to stimulus measures undertaken by the Union Government.

The third quarterly survey was conducted in the month of July, 2009 to study the employment situation during the quarter April-June, 2009 by revisiting the same sample units covered in the second survey. The objective of revisit was to assess the change in the direction and rate of change in the employment during April-June, 2009 over March, 2009. All the sample units were revisited; however, information was collected from 3,003 sample units. The rest 189 units could not be covered either because of non-cooperation or hesitation of the owners to part with data. Employment during this quarter declined by 1.31 lakh, which could be partly

attributed to seasonality factors such as the migrant workers preferring to visit their places of origin during this period.

The fourth quarterly quick employment survey was conducted in the month of Oct, 2009 to assess the employment situation during the period July-September, 2009. In this survey also, the units covered in the previous two quarterly surveys were revisited to assess the changes in employment in the selected sectors. All the 3,003 sample units covered in the previous quarterly survey were revisited; however, information were collected from 2,873 units as the information from remaining units could not collected due to non-cooperation and/or non- availability of the owner etc. In all the sectors studied, except leather; employment increased during the quarter. Overall employment increased by 4.97 lakh during the reference period.

The Fifth quarterly survey covering the period Oct-Dec, 2009 was launched in January, 2010 and was completed in the first week of February, 2010. In the earlier quarterly surveys, the units covered in the second quarterly survey were revisited to assess the direction and rate of change in the employment. However, in the fifth survey a fresh sample was drawn to assess the employment trends. In the sample drawn, about 70 per cent of the units were selected afresh and the rest were kept the same as covered in the previous surveys. At the overall level, employment increased by 6.4 lakh during the quarter October-December, 2009.

The sixth quarterly quick employment survey was conducted in the month of April, 2010 which covers the period Jan-March, 2010. In the survey, the sample units covered in the previous survey were revisited. All the units covered in the fifth quarterly survey (2953 units) were approached; however, information was collected from 2,815 units. At the overall level of the

sectors covered, employment increased by 0.61 lakh during the quarter January-March, 2010.

The seventh quarterly quick employment survey was conducted in Sep, 2010 for the reference period April-June, 2010. The units covered in the previous survey were revisited to see the direction and rate of change in the employment trends during the period June, 2010 over March, 2010. All the units covered in the sixth quarterly survey (2815 units) were approached; however, information was collected from 2,635 units. At the overall level of the sectors combined, employment increased by 1.62 lakh during the quarter June, 10 over Mar, 10.

The Eighth quarterly quick employment survey was conducted in the month of October, 2010 for the reference period July-September, 2010. During the survey, the units covered in the previous survey were revisited to see the direction and rate of change in the employment during the period September, 2010 over June,

2010. All the units covered in the previous survey were approached; however information was collected from 2558 units. Based on the survey results, the employment increased by 4.35 lakh during the period Sep, 2010 over June, 2010 at overall level.

The ninth quarterly quick employment survey for the reference period October-December, 2010 was conducted during the month of January, 2011. During the survey, the units covered in the previous survey were revisited to see the direction and rate of change in the employment trends. All the units covered in the eighth quarterly survey were revisited; however information could be collected from 2510 units. Employment increased by 2.07 lakh at overall level during the quarter.

The present survey is the tenth in the series covering the period January-March, 2011. The field work for the survey was conducted in the month of April/May, 2011. During the current

survey also, the units covered in the previous survey are revisited to see the direction and rate of change in employment. All the units covered in the ninth quarterly survey have been revisited; however information is collected from 2406 units. Sector-wise number of units covered in the present and the previous survey are given in the table below:

Table: 1 Sector-wise unit covered

Sl. No.	Industry Group/State	No. of units covered during the survey for the quarter	
		Oct-Dec, 2010	Jan-Mar, 2011
1	Textiles including Apparels	782	733
2	Leather	177	171
3	Metals	864	841
4	Automobiles	129	125
5	Gems & Jewellery	192	188
6	Transport	73	65
7	IT/BPO	194	187
8	Handloom/ Powerloom	99	96
<b>Overall</b>		<b>2510</b>	<b>2406</b>

A two stage stratified sampling technique has been adopted. The first stage units i.e. districts/centers are selected using purposive sampling and the second stage units viz. the establishments are selected using circular systematic sampling. The sample is apportioned among different sectors in proportion to the units in the frame in these sectors at All India level.

## **Chapter II**

### ***ANALYSIS OF EMPLOYMENT***

The findings of the current survey once again indicate an increasing trend in employment at overall level of the selected sectors under study. Analysis of the current survey data indicates that employment in half of the sectors under study has increased, while in the remaining half of the sectors it declined only marginally registering a net increase at overall level during March, 2011 over December, 2010. The sector wise changes in the employment during the latest four quarters studied are presented in Table 2.1 below.

**Table 2.1**

Changes in estimated employment based on various quarterly survey results (In lakh)

Sl. No.	Industry/ Group	Changes in employment during				
		Jun, 10 over Mar,10	Sep, 10 over Jun, 10	Dec, 10 over Sep, 10	Mar, 11 over Dec, 10	Mar,10 over Mar,09
1	Textiles including Apparels	-0.63	2.45	0.40	-1.21	1.01
2	Leather	0.21	0.04	0.16	-0.08	0.33
3	Metals	0.45	0.27	0.00	0.16	0.88
4	Automobiles	0.51	0.29	0.18	0.13	1.11
5	Gems & Jewellery	0.04	0.04	-0.10	-0.02	-0.04
6	Transport	-0.21	0.13	-0.01	0.06	-0.03
7	IT/BPO	1.29	1.08	1.41	2.87	6.65
8	Handloom/ Powerloom	-0.03	0.06	0.03	-0.18	-0.12
<b>Overall</b>		<b>1.62</b>	<b>4.35</b>	<b>2.07</b>	<b>1.74</b>	<b>9.79</b>

It may be seen from the above table that the employment at overall level has increased by 1.74 lakh in March, 2011 over December, 2010. Similar to the previous quarter, the main contributor to the increase in employment is IT/BPO sector in the present quarter during which employment in the sector increased by

2.87 lakh. The second highest contributor to the employment increase in the present quarter is metal sector, which has registered an increase of 0.16 lakh employment during the reference period. The other sectors where increase in employment is observed during the reference period are automobiles and transport.

On the other hand, in textile sector, the employment has declined by 1.21 lakh during the period March, 2011 over December, 2011. The other sectors registering decline in employment are leather, gems & jewellery, and handloom/powerloom.

While analyzing the results for the financial year 2010-11 (April, 2010-March, 2011), it may be seen from the above table that employment in the selected sectors has increased by 9.79 lakh during the financial year 2010-11. About 70 per cent of the increase in employment during the financial year 2010-11 is seen in IT/BPO sector, where the employment has increased by 6.65 lakh. The second highest contributor to the employment increase during the financial year

2010-11 is automobile sector where it has increased by 1.11 lakh, followed by 1.01 lakh in textile sector during the financial year 2010-11.

The average monthly percentage changes in the employment in selected sectors are also derived based on the survey results. Such changes in employment of the selected sectors during the latest four quarters are presented in Table 2.2.

**Table 2.2**  
Average Monthly Percentage changes in  
Employment based on various quarterly survey  
results (per cent)

Sl. No.	Industry/ Group	Percentage changes in employment based on various quarterly survey results			
		Jun,10 over Mar,10	Sep, 10 over Jun, 10	Dec, 10 over Sep, 10	Mar, 11 over Dec, 10
1	Textiles including Apparels	-0.38	1.44	0.22	-0.64
2	Leather	2.0	0.32	1.40	-0.65
3	Metals	0.84	0.50	0.00	0.30
4	Automobiles	2.30	1.26	0.75	0.55
5	Gems & Jewellery	0.44	0.38	-0.91	-0.17
6	Transport	-1.84	1.78	-0.12	0.52
7	IT/BPO	1.13	0.91	1.13	2.30
8	Handloom/ Powerloom	-0.25	0.42	0.17	-1.28
<b>Overall</b>		<b>0.40</b>	<b>1.07</b>	<b>0.48</b>	<b>0.39</b>

Based on the survey findings, the average monthly percentage increase in employment during the period March, 2011 over December, 2010 is registered at 0.39 per cent at the overall level. The maximum average monthly increase in employment during the reference period is observed in IT/BPO sector where it registered a growth of 2.30 per cent followed by 0.55 per cent in automobiles sector and 0.52 per cent in transport sector during March, 11 over December, 10.

In leather sector, the survey results show an average monthly percentage decline in the employment by 0.65 per cent followed by 0.64 per cent decline in textile sector during the period March, 2011 over December, 2010.

The employment trends based on the survey are also compiled separately for the direct and contract categories workers. As happened in the previous quarter (October-December, 2010), the major increase in employment during the present quarter (January-March, 2011) is also

observed in the direct category of workers. The sector wise changes in the employment of direct and contract categories of workers during various quarters are presented below in Table 2.3.

**Table 2.3**

Changes in employment of direct and contract workers based on the various quarterly survey results during 2009-10 (in lakh)

Sl. No.	Industry/ Group	Jun,10 over Mar,10		Sep, 10 over Jun,10		Dec, 10 over Sep, 10		Mar, 11 over Dec, 10		Mar,11 over Mar,10	
		Dire ct	Contr act	Dire ct	Contr act	Dire ct	Contr act	Direc t	Contr act	Dire ct	Contr act
1	Textiles including Apparels	-0.31	-0.32	2.08	0.36	0.06	0.34	-1.20	-0.02	0.64	0.37
2	Leather	0.17	0.04	0.05	-0.01	0.10	0.06	0.00	-0.08	0.32	0.01
3	Metals	0.42	0.03	0.28	0.00	-0.03	0.03	0.17	-0.01	0.84	0.05
4	Automobiles	0.29	0.22	0.14	0.14	0.19	-0.01	0.14	0.00	0.76	0.35
5	Gems & Jewellery	0.08	-0.04	0.10	-0.06	-0.09	-0.01	-0.02	0.01	0.07	-0.1
6	Transport	-0.57	0.36	0.12	0.01	-0.04	0.03	0.01	0.06	-0.48	0.46
7	IT/BPO	1.19	0.10	1.05	0.03	1.36	0.05	2.86	0.01	6.46	0.19
8	Handloom/ Powerloom	-0.04	0.01	0.00	0.06	0.06	-0.03	-0.16	-0.02	-0.14	0.02
	<b>Overall</b>	<b>1.22</b>	<b>0.40</b>	<b>3.85</b>	<b>0.50</b>	<b>1.61</b>	<b>0.46</b>	<b>1.80</b>	<b>-0.06</b>	<b>8.49</b>	<b>1.30</b>

The survey results show that during the period March, 2011 over December, 2010, employment in the direct category of workers increased by 1.80 lakh at overall level. In IT/BPO sector, 99 per cent of the employment increase occurred in the direct category of workers. In metals and automobile sectors, the employment of direct category of workers increased by 0.17 lakh and 0.14 lakh respectively.

On the other hand, in the textile and handloom/powerloom sectors, employment of the direct category of workers declined by 1.2 lakh and 0.16 lakh respectively during January-March,2011 quarter. Gems & Jewellery sector also registered a marginal decline in employment of this category of workers.

The survey results have also been analyzed separately for exporting and non-exporting units. As observed in the previous quarterly survey results, employment in the exporting units shows an upward trend during the present survey also. The sector wise changes in

employment of the exporting units during the latest four quarters are presented below in Table 2.4.

**Table 2.4**

Changes in employment of exporting units based on the various quarterly survey results (in lakh)

Sl. No.	Industry/Group	Jun,10 over Mar,10	Sep,10 Over Jun,10	Dec, 10 over Sep,10	Mar,11 over Dec, 10	Dec,10 over Dec,09
1	Textiles including Apparels	-0.04	1.64	0.39	-0.49	1.50
2	Leather	0.22	0.04	0.16	-0.09	0.33
3	Metals	0.31	0.18	-0.04	-0.11	0.34
4	Automobiles	0.13	0.02	-0.07	0.14	0.22
5	Gems&Jewellery	-0.11	0.06	-0.06	0.02	-0.09
6	Transport (*)	-	-	-	-	-
7	IT/BPO	1.33	1.09	0.99	2.51	5.92
8	Handloom/ Powerloom	-0.06	0.01	0.02	0.01	-0.02
	<b>Overall</b>	<b>1.77</b>	<b>3.05</b>	<b>1.41</b>	<b>1.99</b>	<b>8.22</b>

(\*) No exporting unit was covered.

During the current quarterly survey for the reference period Jan-Mar, 2011, employment in the exporting units increased by 1.99 lakh at

overall level. The main contributor to the increase in employment of exporting units is IT/BPO sector where it increased by 2.51 lakh during the reference period.

The results of four quarterly surveys conducted during the financial year 2010-11, reveal that about 85 per cent of the increase in total employment is in exporting units. Except a minor decline in the gems & jewellery and handloom/powerloom sector exporting units, all the other sectors studied have shown an increase in employment in the exporting units during the financial year 2010-11. The maximum increase (5.92 lakh) in employment of exporting units during the year 2010-11 took place in IT/BPO sector, followed by 1.50 lakh in the textile sector and a marginal increase in other sectors.

The average monthly percentage changes in employment of the exporting units are also derived. The sector wise average monthly

percentage changes in the employment of exporting units are presented below in Table 2.5.

**Table 2.5**

Average monthly changes in employment of exporting units based on various quarterly survey results ( in per cent)

Sl. No.	Industry/Group	Jun,10 over Mar,10	Sep, 10 over Jun, 10	Dec, 10 over Sep, 10	Mar,11 over Dec, 10
1	Textiles including Apparels	-0.04	1.67	0.38	-0.44
2	Leather	2.46	0.46	1.64	-0.88
3	Metals	1.93	1.29	-0.22	-0.70
4	Automobiles	2.35	0.45	-1.42	2.30
5	Gems & Jewellery	-2.21	1.40	-1.05	0.36
6	Transport	-	-	-	-
7	IT/BPO	1.56	1.39	1.05	2.44
8	Handloom/ Powerloom	-2.70	0.35	1.35	0.41
<b>Overall</b>		<b>0.82</b>	<b>1.44</b>	<b>0.60</b>	<b>0.78</b>

Average monthly percentage changes in employment of exporting units presented in the above table reveal a growth of 0.78 per cent in March, 2011 over December, 2010 at overall level. In the IT/BPO sector, a maximum of 2.44

per cent average monthly percentage growth in employment is registered during the period March, 2011 over December, 2010 followed by 2.30 per cent in automobile sector.

The sector wise changes in employment in the non-exporting units during the latest four quarters are given below in Table 2.6.

**Table 2.6**

Changes in employment of non-exporting units based on the last four quarterly survey results (in lakh)

Sl. No.	Industry/Group	Jun,10 over Mar,10	Sep,10 over Jun, 10	Dec, 10 over Sep, 10	Mar,11 over Dec, 10	Dec, 10 over Dec, 09
1	Textiles including Apparels	-0.60	0.81	0.01	-0.72	-0.5
2	Leather	-0.01	-0.01	0.00	0.01	-0.01
3	Metals	0.14	0.09	0.03	0.27	0.53
4	Automobiles	0.38	0.26	0.25	-0.01	0.88
5	Gems & Jewellery	0.15	-0.02	-0.04	-0.04	0.05
6	Transport	-0.21	0.13	-0.01	0.06	-0.03
7	IT/BPO	-0.04	-0.01	0.42	0.36	0.73
8	Handloom/ Powerloom	0.03	0.05	0.00	-0.19	-0.11
	<b>Overall</b>	<b>-0.15</b>	<b>1.30</b>	<b>0.66</b>	<b>-0.25</b>	<b>1.56</b>

It may be seen from the above table that employment in the non-exporting units has declined by 0.25 lakh during the reference period. The maximum decline in employment occurred in the textile sector where it decreased by 0.72 lakh during March, 2011 over December, 2010. In automobile, gems & jewellery and handloom/powerloom sectors also, a marginal decline in employment in the non-exporting units is seen during March, 2011 over December, 2010. Remaining sectors registered slight increase in employment in non-exporting units.

The sector-wise average monthly percentage changes in the employment of non-exporting units are presented below in Table 2.7.

**Table 2.7**

Average monthly changes in employment of non-exporting units based on various quarterly survey results (in per cent)

Sl. No.	Industry/Group	June,10 over Mar,10	Sep, 10 over Jun, 10	Dec, 10 over Sep, 10	Mar,11 over Dec, 10
1	Textiles including Apparels	-0.82	1.12	-	-0.90
2	Leather	-0.64	-0.54	0.10	0.74
3	Metals	0.38	0.22	0.09	0.71
4	Automobiles	2.28	1.51	1.31	-0.04
5	Gems&Jewellery	2.97	-0.35	-0.78	-0.69
6	Transport	-1.84	1.78	-0.12	0.52
7	IT/BPO	-0.12	-0.02	1.42	1.61
8	Handloom/ Powerloom	0.23	0.43	0.02	-1.51
<b>Overall</b>		<b>-0.08</b>	<b>0.66</b>	<b>0.33</b>	<b>-0.13</b>

The survey results show an average monthly percentage decline of 0.13 per cent in the non-exporting units at overall level during the period March, 2011 over December, 2010. The maximum average monthly percentage decline in employment of non-exporting units is observed in the handloom/powerloom sector (1.51 per cent) followed by 0.90 per cent in textile sector

during the period March, 2011 over December, 2010.

Results of the ten quarterly surveys conducted so far reveal that there has been a sustained increase in employment at overall level of the sectors covered during the last seven quarters. The total creation of employment during this recovery period is about 22 lakh at the overall level.

**GOVERNMENT OF INDIA**  
**MINISTRY OF LABOUR & EMPLOYMENT**  
**LABOUR BUREAU, CHANDIGARH**  
*(EMPLOYMENT SCENARIO : January – March, 2011)*

**I Identification Particulars**

- a. Zone-State 

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- b. Name of the 

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- c. Name of Unit 

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- d. Complete Address of the Unit 

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- e. D S L No. 

--	--	--	--	--	--	--
- f. Name of the Person 

--
- g. Mobile /Contact No. 

--
- h. NIC Code ( 3- Digit) 

--
- i. Type of goods 

--
- j. Whether the unit is export 

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## II Month-wise number of Workers & Earnings

Month	Employment Status	Employees as on last working day	Total Wage/Salary Bill (in Rs.)
Dec, 2010	Direct		
	Contract		
	Total		
Jan,2011	Direct		
	Contract		
	Total		
Feb,2011	Direct		
	Contract		
	Total		
Mar,2011	Direct		
	Contract		
	Total		

Name of the Officer	
Signature with date	
Remarks:	