

**DRAFT** 

LMIS WEB PORTAL CONTENT

**INDIA** 

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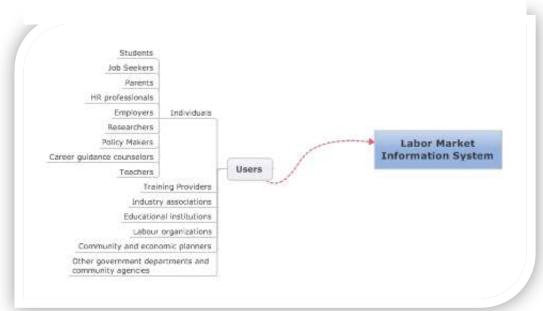
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# **INTRODUCTION**

This document populates the Labour Market Information System (LMIS) with labour market information (LMI) in India. It offers definitions for LMI where necessary (sometimes the title is sufficient to explain the LMI). Approximately 275 pieces of LMI are categorized under 33 headings and the information is linked to 44 Sources (LMI providers). The web address is then provided for each piece of LMI. The document complements the LMIS Concept paper which outlined the purpose and design of an LMIS.

#### ONE STOP PORTAL

An optimal LMIS system requires a central one-stop portal that directly provides easily accessible information, linking users and suppliers of information across ministries, states, sectors, institutions. The system should provide easy access to national data and sub-national data across India.



**Table 1 LMIS Users** 

#### INFORMATION STRUCTURE

A portal offers a structured approach to navigating information, e.g. by subject (category) then sub-category. Because the hierarchy is created with the users in mind, it is more likely to relate more closely to the user's query than a search engine keyword search. An additional benefit is that the information structure will improve a user's contextual understanding of the subject area so that the user's decision-making skills can improve.

#### **CONSISTENT INTERFACE**

Familiarity with the portal increases the users' ability to easily locate (and relocate) information and services. This is an important driver for the creation of government information portals based on a vertical design. Our mission is to develop a web based portal providing a gateway to all relevant users of Labour market information in India based on data repositories, tailored applications and current events.

#### SELECTION OF THE CONTENT

The content for the portal is based on internationally accepted Labour Market information systems. The core LMI is based on the ILO selection, Key Indicators of the Labour Market (KILM), which is the ILO's research tool for Labour market information. Beyond the core selection further LMI is proposed and additional narrative sources which reflect users' needs based on international experience. While much LMI will remain a permanent part of the portal the content of the portal will be expanded and contracted to reflect the developments in Labour market research and development.

# VALIDATION OF THE CONTENT

In general the issue in India in relation to LMIS is not the existence of data but the sharing and availability of the data to all users through a common gateway. This is the deficiency which the portal will remedy by providing a gateway to information for all users.

#### PROCEDURES FOR COLLECTION OF INFORMATION

One of the challenges for those responsible for the portal is to keep information updated. We are proposing that links should be attached to relevant sites who will update their existing information as part of the normal maintenance of their own websites thereby reducing the maintenance burden on the portal management team. Portal maintenance will mainly but not exclusively consist of maintaining links.

Web-based LMI sites and applications can be classified as:

- Clearinghouse/data repositories.
- Customized/tailored applications.

#### CLEARINGHOUSE/DATA REPOSITORIES.

Such sites may function very much like a library in that they are not tailored for a specific use, but rather provide relatively easy access to the resources (data bases) that are catalogued by the type of information, such as employment, earnings, and unemployment. Such sites are fundamental to an optimal system. If one needs certain types of information for research, policy making, tracking trends in the economy, etc., these sites are the mainstay of the system. There are many users who need certain types of information and specific data sets that are not tailored for a specific use, such as for career planning, and simply need direct access to the information, such as national and industry employment trends for the last five years. Clearinghouse sites may include features directed at certain audiences, but their principal purpose is to provide access to a broad range of economic and labour market data, analysis, and other products and services.

# CUSTOMIZED/TAILORED APPLICATIONS.

These sites typically are designed for a specific purpose, such as training providers, trainee register, career planning, job search, or economic development. For many clients, these are the sites that are likely to be most beneficial in meeting their specific needs because the information is organized along a decision making logic model.

It is important that customized applications include not only the data or information but logical processes to navigate the system. For example, a system intended to help a job seeker locate a job and/or training ideally would include not only specific job openings information, but also would allow the client to explore what types of skills are typically required for jobs in the related occupational area; and what training may be available in the area for skills that the job seeker may need to obtain or enhance. The delivery system should provide logical paths to explore information for a given application or set of needs.

The Indian LMIS portal design is a combination of a clearinghouse type and customized applications. This report deals mainly with the former.

# LMI CATEGORIES

The design of the Web Portal is principally the work of a Web Designer but the navigation should be organized around themes, institutions and users. Users can be individuals, employers, researchers etc. The institutions are the ministries and other organizations which supply data, quantitative or narrative and make up the labour market information domain. Table 2 shows the 33 major categories of LMI to be included in the portal.

**Table 2 LMI Categories** 

| LMI Categories         |                           |  |
|------------------------|---------------------------|--|
| 1 Earnings             | 18 Overseas Demand        |  |
| 2 Economic Growth      | 19 Policy                 |  |
| 3 Economy              | 20 Population             |  |
| 4 Education            | 21 Population Projections |  |
| 5 Employment           | 22 Poverty                |  |
| 6 Inactivity           | 23 Prices                 |  |
| 7 Income Distribution  | 24 Registered Companies   |  |
| 8 Industrial Relations | 25 SME                    |  |
| 9 Industry             | 26 Safety and Security    |  |
| 10 International Trade | 27 Sick Companies         |  |
| 11 Job Seekers         | 28 Skill Requirements     |  |
| 12 Labour Cost         | 29 Skills Migration       |  |
| 13 Labour Force        | 30 TVET                   |  |
| 14 Labour Productivity | 31 Trade Unions           |  |
| 15 Literacy            | 32 Unemployment           |  |
| 16 Marginal Workers    | 33 Workforce              |  |
| 17 New Investments     |                           |  |

# LMI PROVIDERS

Table 3 presents the 44 providers of LMI. These providers can expand or contract depending as their roles change. Some due to their function provide large amounts of LMI, (e.g. Ministry of Statistics and Programme Implementation) others may provide only a single piece.

**Table 3 LMI Providers** 

|     | LMI Provid   | ers |  |
|-----|--|-----|--|
| 1.  | Board Industrial & Financial Reconstruction (BIFR) | 2.  | Ministry of Skills Development &         |
|     |  |     | Entrepreneurship                         |
| 3.  | British Council                                    | 4.  | Ministry of Social Justice & Empowerment |
| 5.  | Department of Electronics and Information          | 6.  | Ministry of Statistics and Programme     |
|     | Technology, Ministry of Communications &           |     | Implementation                           |
|     | Information Technology,                            |     |  |
| 7.  | Dept. of Higher Education                          | 8.  | Ministry of Statistics and Programme     |
|     |  |     | Implementation CSO                       |
| 9.  | Development Commissioner, Micro, Small and         | 10. | Ministry of Statistics and Programme     |
|     | Medium Enterprises                                 |     | Implementation CSO Industrial Wing       |
| 11. | Directorate General of Commercial Intelligence and | 12. | Ministry of Statistics and Programme     |
|     | Statistics Ministry of Commerce and industry       |     | Implementation Databank                  |
| 13. | 13. Directorate General of Employment & Training   |     | Ministry of Statistics and Programme     |

| LMI Providers   |  |  |
|---|--|--|
|   | Implementation, National Sample Survey Office  |  |
| 15. Directorate of Technical Education U.T Chandigarh                   | 16. Ministry of Textiles   |  |
| 17. Government of Gujarat   | 18. Ministry of Tourism  |  |
| 19. India Reserve Bank  | 20. National Institute for Electronics and Information Technology                            |  |
| 21. Indian Economic Service   | 22. National Institute of Food Technology<br>Entrepreneurship and Management                 |  |
| 23. Industries Commissionerate  | 24. National Skills Development Agency (NSDA)  |  |
| 25. Labour Bureau   | 26. National Skills Development Council (NSDC)   |  |
| 27. Ministry of Agriculture   | 28. NITI Aayog (National Institution for Transforming India)                                 |  |
| 29. Ministry of Company Affairs   | 30. Office of the Registrar General and Census Commissioner, Ministry of Home Affairs        |  |
| 31. Ministry of Finance   | 32. Open Gov Data Platform   |  |
| 33. Ministry of Heavy Industries & Public Enterprises                   | 34. Planning Commission replaced by NITI Aayog (National Institution for Transforming India) |  |
| 35. Ministry of Human Resource Development                              | 36. Reserve Bank of India  |  |
| 37. Ministry of Labour & Employment                                     | 38. Skilled Migration to Developed Countries, Labour Migration to the Gulf, Binod Khadria    |  |
| 39. Ministry of Labour and Employment, DGLW                             | 40. The National Institute for Entrepreneurship and Small Business Development               |  |
| 41. Ministry of MSME [Small Industries Development Organisation (SIDO)] | 42. Vibrant Gujarat  |  |
| 43. Ministry of Rural Development                                       | 44. Ministry of Women & Child Development  |  |

# CATEGORIES, LMI AND WEB ADDRESSES

The following Tables 3 to 35 present the LMI by Web Address and Category. The Web architects will link the LMI to the relevant address. The Web Addresses are up-to-date currently but they can change if the source website is altered for any reason. The updating and maintenance of this links is an ongoing task

The LMI need to be checked and updated depending on the frequency the data providers publish new figures and data. The frequency depends on the LMI. It can be annually, half yearly, quarterly or monthly. Maintenance staff should complete a table like that shown in Table 4 and use it as quality control checklist to ensure data are up to date. This is a double quality control check since the data should update automatically through the link to the parent website and there should also an inbuilt check to inform the maintenance team if the link should break for any reason. There is also a requirement to include new LMI as they emerge.

Table 4 LMI Updating Table

| No | LMI | Frequency                         | Updated |
|----|-----|-----------------------------------|---------|
|    |     | Annual,                           |         |
|    |     | Half yearly<br>Quarterly, Monthly |         |

| No | LMI                            | Frequency                         | Updated |
|----|--------------------------------|-----------------------------------|---------|
|    |                                | Annual,                           |         |
|    |                                | Half yearly<br>Quarterly, Monthly |         |
| 1  | Labor force Participation Rate |                                   |         |
| 2  | Employment Population ratio    |                                   |         |
| 3  | Status in Employment           |                                   |         |
| 4  | Etc. as in LMI list            |                                   |         |

# Table 5 Earnings

| Category Earnings  |  |
|--|--|
| LMI  | Web address 1  |
| Manufacturing Wage Indices   | http://www.tradingeconomics.com/india/wages-in-manufacturing   |
| Occupational Wage and Earning Indices  | http://labourbureau.nic.in/reports.htm                         |
| Annual/daily earnings of workers   | http://labourbureau.nic.in/OWS_Trend_in_avg_daily_earnings.pdf |
| Rural wage rates   | http://labourbureau.nic.in/schemes.html                        |
| Wages/salaries of employees  | http://labourbureau.nic.in/OWS_Trend_in_avg_daily_earnings.pdf |
| Expenditure Incurred On Pay And Allowances On Civilian Employees by the Centra   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html         |
| Average annual earnings of factory workers per capita                            | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html         |
| Wages and earnings of mining labour  | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html         |
| Average per capita annual earnings of factory labour in manufacturing industries | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html         |
| Wages/salaries of employees  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                 |
| Average daily wage earnings  | http://mail.mospi.gov.in/index.php/catalog/143                 |

#### **Table 6 Economic Growth**

| Ca | Category Economic Growth |            |  |
|----|--------------------------|------------|--|
|    | LMI                      |            | Web address 1  |
|    | GDP projections          |            | http://www.tradingeconomics.com/india/forecast                             |
|    | Plan 2012-2017 (12       | th 5 year) | http://planningcommission.gov.in/plans/planrel/12thplan/pdf/12fyp_vol3.pdf |

# Table 7 Economy

| С | Category Economy    |                    |  |
|---|---------------------|--------------------|--|
| Г | LMI                 |                    | Web address 1  |
|   | Macro-Economic Tr   | rends              | http://planningcommission.nic.in/data/datatable/data_2312/DatabookDec2014%2018 |
|   | Private Final Consu | mption Expenditure | http://finmin.nic.in/reports/QrtReview_june201314.pdf                          |
|   | Macro-Economic Tr   | rends              | http://indiabudget.nic.in/vol1_survey.asp                                      |

| GDP at constant  | pricehttp://finmin.nic.in/stats_data/nsdp_sdds/index.html                   |
|--|---|
| Exports and Imports  | http://mospi.nic.in/Mospi_New/site/home.aspx                                |
| National Product at Factor Cost  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                    |
| Gross Domestic Savings   | http://mospi.nic.in/Mospi_New/site/home.aspx                                |
| Net Domestic Product by Economic Activity (At Current Prices)          | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                    |
| State Domestic Product   | http://mospi.nic.in/Mospi_New/site/home.aspx                                |
| Gross Domestic Product   | http://mospi.nic.in/Mospi_New/site/home.aspx                                |
| Private Final Consumption Expenditure                                  | http://mospi.nic.in/Mospi_New/site/home.aspx                                |
| GDP at constant price  | http://mospi.nic.in/mospi_new/upload/nad_pr_7feb14.pdf                      |
| Private Final Consumption Expenditure in Domestic Market (At Currer    | nt Prices) http://mospi.nic.in/mospi_new/site/India_Statistics.aspx         |
| Private Final Consumption Expenditure in Domestic Market (At 2004-     | 05 Prices) http://mospi.nic.in/mospi_new/site/India_Statistics.aspx         |
| Net Domestic Product by Economic Activity (At 2004-05 Prices)          | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                    |
| Capital Formation by Type of Assets and By Type of Institutions (At 20 | 004-05 Prices) http://mospi.nic.in/mospi_new/site/India_Statistics.aspx     |
| Capital Formation by Type of Assets and By Type of Institutions (At Cu | rrent Prices) http://mospi.nic.in/mospi_new/site/India_Statistics.aspx      |
| GVA at base prices by sector   | http://mospi.nic.in/Mospi_New/upload/nad_nsdp_realsector.pdf?status=1&menu_ |
| Domestic Saving By Type of Institution                                 | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                    |
| Performance of Public Sector   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                    |
| Per capita net national income   | https://data.gov.in/catalog/gross-national-product-and-net-national-        |
| Per capita net national income   | https://data.gov.in/catalog/gross-national-product-and-net-national-        |
| Net national income Index numbers                                      | https://data.gov.in/catalog/gross-national-product-and-net-national-        |
| Net national income at factor cost                                     | https://data.gov.in/catalog/gross-national-product-and-net-national-        |
| Gross national income at factor cost                                   | https://data.gov.in/catalog/gross-national-product-and-net-national-        |
| Per Capita GNP at factor cost (Rupees)                                 | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |
| Gross Domestic Capital Formation                                       | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |
| GNP at Factor Cost   | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |
| GDP of Public sector   | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |
| GDP at Factor Cost   | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |
| Consumption of Fixed Capital   | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15790                |

#### **Table 8 Education**

| tegory Education  |  |
|---|--|
| LMI   | Web address 1  |
| Graduation Rates  | http://www.indiastat.com/labourandworkforce/380987/training/283/stats.aspx       |
| Budget for Training   | http://indiadidac.com/blog/item/337-union-budget-2015-16-highlights-for-educatio |
| Donor and Private Investment in Education   | http://salvuscapital.com/iies.pdf  |
| Enrolment in Open Universities  | http://mhrd.gov.in/statist?field_statistics_category_tid=32                      |
| Enrolment (excluding Open Universities) – All Categories                                | http://mhrd.gov.in/statist?field_statistics_category_tid=32                      |
| International Comparison on Public Expenditure on Education as % of GDP ? 2012          | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Gender ratio teachers   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Drop-Out Rates in School Education by level   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Representation of Foreign Student in Higher Education                                   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Enrolment in Higher Education through Regular & Distance Mode                           | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Pupil Teacher Ratio by Type of Institution  | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Enrolment in different Programmes in Higher Education                                   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Enrolment in different Disciplines/Subjects at Under Graduate level in Higher Educatior | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Enrolment in different Disciplines/Subjects at Ph.D. & Post Graduate level in Highe     | rhttp://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf         |
| Enrolment in School & Higher Education by Level   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| International Comparison on Gross Enrolment Ratio                                       | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Expenditure on Education by Education & other Departments as % of GDP                   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Pupil Teacher Ratio (PTR)   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Gender Parity Index (GPI) (students)  | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Gross Enrolment Ratio (GER)   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Number of Teachers by Type of School  | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Examination Results   | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Educational Institutions by Type  | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf          |
| Literacy Rate   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Enrolment in Schools by Courses and Stages in Recognised Institutions                   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Enrolment in Higher Education by Faculty and Stage                                      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Teachers in Educational Institutions  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |

# Table 9 Employment

| tegory Employment  |  |  |
|--|--|--|
| LMI  | Web address 1  |  |
| Employment by Sector   | https://data.gov.in/catalog/employment-sector-                               |  |
| Employment Status  | http://pib.nic.in/newsite/erelease.aspx?relid=96641                          |  |
| Job Vacancies  | http://jobsearch.naukri.com/   |  |
| Labour Cost  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                               |  |
| Labour Turnover  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                               |  |
| Employment Elasticities  | http://www.rbi.org.in/scripts/PublicationsView.aspx?id=15763                 |  |
| Education Level of Informal Employment in non-Agricultural Sector              | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Formal & Informal Employment by Organised & Unorganised Sectors                | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Informal & Formal employment in the Organised & Unorganised                    | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Informal Employment in the Organised and Unorganised non-Agricultural sector b | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Informal Employment in the Organised and Unorganised non-Agricultural sector   | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Employment in the Informal Sector  | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pd                          |  |
| Employment Status of Informal Employed   | http://www.ies.gov.in/pdfs/CII%20EM-october-2014.pdf                         |  |
| Labour Force Participation Rate for different age groups                       | http://www.labourbureau.gov.in/reports.htm                                   |  |
| Worker Population Ratio (WPR)  | http://www.labourbureau.gov.in/reports.htm                                   |  |
| Changes in Employment  | http://www.labourbureau.gov.in/QES_23rd_final.pdf                            |  |
| Social Groups  | http://www.labourbureau.gov.in/reports.htm                                   |  |
| Youth Employment   | http://labourbureau.nic.in/Report%20Vol%202%20final.pdf                      |  |
| Employment in States and Union Territories                                     | http://labourbureau.nic.in/ILYB_2009_2010.pdf                                |  |
| Occupational Classifications   | http://dget.nic.in/upload/uploadfiles/files/publication/Code%20Structure.pdf |  |
| Women's Employment in the Organised Sector                                     | http://www.labourbureau.gov.in/ASI_2011_12_V2.pdf                            |  |
| Contract Labour  | http://labour.nic.in/content/division/dglw.php#                              |  |
| Workers by Major Activity Groups, Location and By Type                         | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                     |  |
| Establishments by State by Size-Class of Total Employment                      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                     |  |
| Employment in Insurance  | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                       |  |
| Employment in banks  | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                       |  |

| ategory Employment   |   |
|--|---|
| Employment in factories-adults, adolescents and children according to sex            | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Employments in ports   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Factory employment by industry groups at three digit level of NIC-1998               | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Workers by Location, Sex and By Type of Establishments                               | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                            |
| Factory employment by states   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Factory employment   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Estimated Average Daily Employment And Working Factories, All India And State wise   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Employment in railways   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Workers by State by Location and Type of Establishments                              | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                            |
| Central government civilian regular employees by Group                               | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Employment in plantation   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Employment In Mines All India by State   | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Estimated average factory employment in working factories-2005 (by states at 2 digit | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html                              |
| Establishments and Persons   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                            |
| Workers in non-agricultural establishments by  | http://mospi.nic.in/Mospi_New/upload/census_2012/EC_main_2012.htm                   |
| Non-agricultural Own Account Establishments and Employment by Major Activity         | http://mospi.nic.in/Mospi_New/upload/census_2012/EC_main_2012.htm                   |
| Contract Labour  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                                      |
| Absenteeism  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                                      |
| Employed by industry   | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                                      |
| Employed by Literacy level   | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                                      |
| Manpower Projections, Sector & Occupation  | http://planningcommission.nic.in/aboutus/committee/wrkgrp11/wg11_lproj.pdf          |
| Unorganised Sector   | http://mospi.nic.in/Mospi_New/Admin/publication.aspx                                |
| Employed by industry   | http://www.censusindia.gov.in/2011census/population_enumeration.html                |
| Labour Force Participation Rate  | https://data.gov.in/catalog/labour-force-participation-rate-1000-persons-age-15-59- |
| Employment-To-Population Ratio   | https://data.gov.in/catalog/worker-population-ratio-1000-persons-age-15-59-         |

# Table 10 Inactivity

| Ca   | itegory  | Inactivity              |  |  |
|--|--|-------------------------|--|--|
|  | LMI  |                         | Web address 1  |  |
|  | Non-Workers by Main Activity, Age And Sex (Total, SC/ST) |                         | http://www.censusindia.gov.in/2011census/population_enumeration.html |  |
| Persons not pursuing any economic activity |  | g any economic activity | http://www.censusindia.gov.in/2011census/population_enumeration.html |  |

#### **Table 11 Income Distribution**

| ( | ategory             | regory Income Distribution                           |  |   |
|---|---------------------|--|--|---|
|   | LMI                 |  | Web address 1                                | 1 |
|   | Per Capita Income ( | Net National Product and Net State Domestic Product) | http://mospi.nic.in/Mospi_New/site/home.aspx | Ī |

#### **Table 12 Industrial Relations**

| Ca | tegory                           | Industrial Relations |   |  |
|----|----------------------------------|----------------------|---|--|
|    | LMI                              |                      | Web address 1   |  |
|    | Industrial disputes              | by causes            | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html  |  |
|    | Industrial disputes              |                      | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html  |  |
|    | Industrial injuries in factories |                      | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html  |  |
|    | Legislation                      |                      | http://labour.nic.in/content/division/work-of-ir-pl.php |  |

# Table 13 Industry

| gory Industry   |  |
|---|--|
| LMI   | Web address 1  |
| Domestic Production of Petroleum Products                                 | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Index of Mineral Production   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Index Numbers of Industrial Production                                    | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Production of Coal and Coal Derivatives & Coal By-Products                | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Establishments by State by Location and Type                              | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Establishments by Major Activity Groups, Location and By Type             | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Establishments by Major Activity Groups and By Source of Finance          | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Establishment with Selected Characteristics by Their Location and By Type | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Annual Survey of Industries (Factory Sector) By States                    | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Companies Newly Registered By Major Classification                        | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Companies at Work by Industrial Activity                                  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Companies at Work (Number and Paid-Up Capital)                            | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Production of Minerals and Ores by Selected Items                         | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Industrial Classification   | http://mospi.nic.in/Mospi_New/site/inner.aspx?status=2&menu_id=129 |
| Automobile Production by Category   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Production of Selected Items  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Production of Man-Made Fibre Fabrics                                      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Performance of Micro, Small, Medium Enterprises (MSMES)                   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Production of Cotton Cloth  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Mill Production of Cotton Yarn  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Companies Newly Registered By Industrial Activity                         | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Mines by Mineral by State   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Annual Survey of Industries (Factory Sector): 2007-08                     | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx           |
| Industrial Production Index   | http://mospi.nic.in/Mospi_New/upload/iip_11_july2014.pdf           |

#### **Table 14 International Trade**

| Ca | Category International Trade |  |   |
|----|------------------------------|--|---|
|    | LMI                          |  | Web address 1                                   |
|    | Imports                      |  | http://www.dgciskol.nic.in/data_information.asp |
|    | Exports                      |  | http://www.dgciskol.nic.in/data_information.asp |

#### **Table 15 Job Seekers**

| ategory                                       | Job Seekers   |   |  |
|---|---|---|--|
| LMI   | ·   | Web address 1   |  |
| Physically Hand                               | licapped Job Seekers                                  | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Scheduled Cast                                | e/Scheduled Tribe /Other Backward Classes Job Seekers | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Job Seekers by                                | Age   | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Job seekers by                                | Occupation Group                                      | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Ex ITI's And Full Term Apprentice Job Seekers |   | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Educated Wom                                  | en Job Seekers (Matric & Above)                       | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Minority Comm                                 | nunities' Job Seekers                                 | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| Migrant and Re                                | epatriate Job Seekers                                 | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |
| •   |   | ·   |  |

#### **Table 16 Labour Cost**

| Category Labour Cost |     |                   |           |  |
|----------------------|-----|-------------------|-----------|--|
|                      | LMI |                   |           | Web address 1                                  |
| ľ                    | Lal | bour Cost and Pro | ductivity | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx |

# Table 17 Labour Force

| Category Labour Force               |  |   |  |
|-------------------------------------|--|---|--|
| LMI                                 |  | Web address 1   |  |
| Micro, Small and Medium Enterprises |  | http://www.dcmsme.gov.in/data-stat.htm                                      |  |
| Labour Force, Al                    | ll sectors and regions/States; Population: age 15 & above    | http://labourbureau.nic.in/Report%20%20Vol%201%20final.pdf                  |  |
| Employment in 0                     | Organised Sector   | http://www.dget.nic.in/upload/uploadfiles/files/publication/Main.pdf        |  |
| Establishments i                    | in non-farm sector   | http://mospi.nic.in/Mospi_New/upload/census_2012/EC_main_2012.htm           |  |
| Factory sector                      |  | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                              |  |
| Labour Force, all                   | l sectors, all regions/States                                | http://mail.mospi.gov.in/index.php/catalog/143                              |  |
| Main workers,                       | Marginal workers, Non-workers and those marginal workers, no | n-http://www.censusindia.gov.in/2011census/population_enumeration.html      |  |
| Child Labour                        |  | http://labour.nic.in/upload/uploadfiles/files/Divisions/childlabour/Census- |  |
| Main workers, m                     | narginal workers and non- workers, as defined                | http://www.censusindia.gov.in/2011census/population_enumeration.html        |  |

#### **Table 18 Labour Productivity**

| Category Labour Productivity |                     |           |   |  |
|------------------------------|---------------------|-----------|---|--|
|                              | LMI                 |           | Web address 1   |  |
|                              | Labour Productivity |           | http://www.rbi.org.in/Scripts/PublicationReportDetails.aspx?UrlPage=&ID=785 |  |
|                              | Labour Cost and Pro | ductivity | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx                              |  |

# Table 19 Literacy

| Ca | tegory Literac                        | асу |   |  |
|----|---------------------------------------|-----|---|--|
|    | LMI                                   |     | Web address 1   |  |
|    | Literacy Rates (15+ Age Group)        |     | http://mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf |  |
|    | Literacy Rates (7+ Age Group)         |     | /mhrd.gov.in/sites/upload_files/mhrd/files/statistics/EAG2014.pdf       |  |
|    | Educational Attainment and Illiteracy |     | nttp://mhrd.gov.in/statist  |  |

# **Table 20 Marginal Workers**

| C | ategory  | Marginal Workers |  |
|---|--|------------------|--|
|   | LMI  |                  | Web address 1  |
|   | Marginal Workers by Main Non Economic Activity, Age And Sex (Total, SC/ST) |                  | http://www.censusindia.gov.in/2011census/population_enumeration.html |

#### **Table 21 New Investments**

| Ca | tegory     |             | New Investments  |       |                |    |         |  |
|----|------------|-------------|------------------|-------|----------------|----|---------|--|
|    | LMI        |             |                  |       |                |    |         | Web address 1                          |
|    | Micro, Sm  | all and M   | edium Enterpri   | ses   |                |    |         | http://ic.gujarat.gov.in/?page_id=3098 |
|    | Small scal | e industrie | es               |       |                |    |         | http://ic.gujarat.gov.in/?page_id=3098 |
|    | District   | wise        | project          | under | implementation | in | Gujarat | http://ic.gujarat.gov.in/?page_id=3098 |
|    | Registrati | on of SSI u | ınits in Gujarat |       |                |    | _       | http://ic.gujarat.gov.in/?page_id=3098 |

#### **Table 22 Overseas Demand**

| ( | ategory         | Overseas Demand |  |  |
|---|-----------------|-----------------|--|--|
|   | LMI             |                 | Web address 1  |  |
| Ī | Overseas Demand |                 | http://meme.phpwebhosting.com/~migracion/modules/ve7/2.pdf |  |

# Table 23 Policy

| C | ategory              | Policy            |  |
|---|----------------------|-------------------|--|
|   | LMI                  |                   | Web address 1  |
|   | Skills Development   | in India          | http://www.britishcouncil.org/sites/britishcouncil.uk2/files/understanding_india_repor |
|   | National Policy on S | kills Development | http://www.nsda.gov.in/ContentPage/contentindexpage.html?name=nationalPolicySD         |

# **Table 24 Population**

| Category Population  |  |
|--|--|
| LMI  | Web address 1  |
| Projected Total/Urban Population by Sex as On 1st March                          | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Estimated Birth Rates, Death Rates and Infant Mortality Rates by Residence Graph | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Estimated Mid-Year Population By States/UTs                                      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Expectation of Life  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Projected Population   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Population by States   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Population of Scheduled Castes and Scheduled Tribes                              | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Economic Classification of the Population  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Decennial Population by Census   | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                         |
| Persons by age-group (15-59), male/female, urban/rural for each State/UT         | http://cbhidghs.nic.in/writereaddata/mainlinkFile/06%20Demographic%20Indicators% |
| Persons by age-group, male/female, urban/rural for each State/UT                 | http://www.censusindia.gov.in/2011census/population_enumeration.html             |

# **Table 25 Population Projections**

| C | ategory                | Population projections |  |  |
|---|------------------------|------------------------|--|--|
|   | LMI                    |                        | Web address 1                                |  |
|   | Population projections |                        | http://mospi.nic.in/Mospi_New/site/home.aspx |  |

|  | Population projections | http://www.censusindia.gov.in/2011census/population_enumeration.html |
|--|------------------------|--|

#### **Table 26 Poverty**

| C | ategory  | Poverty |   |  |
|---|--|---------|---|--|
|   | LMI  |         | Web address 1   |  |
|   | Number and Percentage of Population below Poverty Line |         | http://dbie.rbi.org.in/DBIE/dbie.rbi?site=publications#!2 |  |

#### **Table 27 Prices**

| Category    | Prices  |  |
|-------------|---|--|
| LMI         |   | Web address 1  |
| Wholesale i | Prices Index in India by Major Groups, And Sub-Groups (Details) | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Wholesale ( | Prices Index in India by Major Groups and Sub-Groups Index      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Consumer F  | Price Index (Rural/ Urban/ combined)                            | http://mospi.nic.in/Mospi_New/upload/nad_nsdp_realsector.pdf?status=1&menu_id= |
| Consumer F  | Price Index for Agricultural Labourers and Rural Labourers      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Consumer F  | Price Index for Industrial Workers (Base: 1982 = 100)           | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Consumer F  | Price Index for Industrial Workers (Base: 2001 = 100)           | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Consumer F  | Price Index for Urban Non-Manual Employees (General Index)      | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                       |
| Consumer F  | Price Index for industrial workers                              | http://mospi.nic.in/Mospi_New/upload/nad_nsdp_realsector.pdf?status=1&menu_id= |
| Consumer F  | Price Index for agricultural workers                            | http://mospi.nic.in/Mospi_New/upload/nad_nsdp_realsector.pdf?status=1&menu_id= |

# **Table 28 Registered Companies**

| ( | ate                        | ategory Registered Companies |          |  |
|---|----------------------------|------------------------------|----------|--|
|   | L                          | LMI                          |          | Web address 1  |
|   | No of companies registered |                              | gistered | http://www.mca.gov.in/Ministry/pdf/Monthly_Inforamtion_Bulletin_CorporateSector_ |

#### Table 29 SME

| C | ategory SME     |  |                                  |  |
|---|-----------------|--|----------------------------------|--|
|   | LMI             |  | Web address 1                    |  |
|   | SME Development |  | http://msme.gov.in/mob/home.aspx |  |

# **Table 30 Safety and Security**

| Ca | itegory                | Safety and Social Security |  |
|----|------------------------|----------------------------|--|
|    | LMI                    |                            | Web address 1  |
|    | Health & Safety Cor    | nditions at Workplace      | http://dgfasli.nic.in/npolicy/OSH-Policy.pdf           |
|    | Industrial injuries in | n mines                    | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html |
|    | Workmen's compe        | nsation                    | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html |

# **Table 31 Sick Companies**

| Ca | ategory       | Sick Companies                        | Sick Companies   |  |
|----|---------------|---------------------------------------|--|--|
|    | LMI           |                                       | Web address 1  |  |
|    | Companies Co  | eased To Work by Major Classification | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx |  |
|    | Sick companie | es                                    | http://bifr.nic.in/registercases2015.htm                 |  |

# **Table 32 Skill Requirements**

| Ca | stegory Skill Requirements                                    | Skill Requirements   |  |
|----|---|--|--|
|    | LMI   | Web address 1  |  |
|    | Skill Requirements in Electronics IT hardware                 | http://www.nsdcindia.org/sites/default/files/files/Electronics-IT-hardware.pdf     |  |
|    | Skill Requirements in Education and Skill-Development sectors | http://www.nsdcindia.org/sites/default/files/files/Education-Skill-Development.pdf |  |
|    | Skill Requirements in Domestic Help sector                    | http://www.nsdcindia.org/sites/default/files/files/Domestic-Help.pdf               |  |

| Category Skill Requirements  |   |  |  |  |
|--|---|--|--|--|
| Skill Requirements in IT and ITeS  | http://www.nsdcindia.org/sites/default/files/files/IT-and-ITeS.pdf                    |  |  |  |
| Skill Requirements in Construction Material Building Hardware sector     | http://www.nsdcindia.org/sites/default/files/files/Construction-Material-Building-    |  |  |  |
| Skill Requirements in Building Construction and Real Estate              | http://www.nsdcindia.org/sites/default/files/files/Building-Construction-Real-        |  |  |  |
| Skill Requirements in Food Processing                                    | http://www.nsdcindia.org/sites/default/files/files/Food-Processing.pdf                |  |  |  |
| Skill Requirements in Beauty and Wellness                                | http://www.nsdcindia.org/sites/default/files/files/Beauty-Wellness.pdf                |  |  |  |
| Skill Requirements in Banking, Financial Services and Insurance          | http://www.nsdcindia.org/sites/default/files/files/Banking-Financial-Services-        |  |  |  |
| Skill Requirements in Automobile and Auto-Components                     | http://www.nsdcindia.org/sites/default/files/files/Auto-and-Auto-Components.pdf       |  |  |  |
| Skill Requirements in Leather & Leather                                  | http://www.nsdcindia.org/sites/default/files/files/Leather-and-Leather-Goods.pdf      |  |  |  |
| Skill Requirements in Media Entertainment                                | http://www.nsdcindia.org/sites/default/files/files/Media-Entertainment.pdf            |  |  |  |
| Skill Requirements in Pharmaceuticals                                    | http://www.nsdcindia.org/sites/default/files/files/Pharmaceuticals.pdf                |  |  |  |
| Skill Requirements in Private Security Services                          | http://www.nsdcindia.org/sites/default/files/files/Private-Security-Services.pdf      |  |  |  |
| Skill Requirements in Retail (Organised)                                 | http://www.nsdcindia.org/sites/default/files/files/Retail.pdf                         |  |  |  |
| Skill Requirements in Telecommunications                                 | http://www.nsdcindia.org/sites/default/files/files/Telecommunications.pdf             |  |  |  |
| Skill Requirements in Agriculture  | http://www.nsdcindia.org/sites/default/files/files/Agriculture.pdf                    |  |  |  |
| Skill Requirements in Travel Tourism and Hospitality                     | http://www.nsdcindia.org/sites/default/files/files/Travel-Tourism-and-Hospitality.pdf |  |  |  |
| Skill Requirements in Healthcare   | http://www.nsdcindia.org/sites/default/files/files/Healthcare.pdf                     |  |  |  |
| Skill Requirements in Handlooms and Handicrafts                          | http://www.nsdcindia.org/sites/default/files/files/Handlooms-Handicrafts.pdf          |  |  |  |
| Skill Requirements in Transportation Logistics Warehousing and Packaging | http://www.nsdcindia.org/sites/default/files/files/Transportation-Logistics-          |  |  |  |
| Skill Requirements in Gems and Jewellery                                 | http://www.nsdcindia.org/sites/default/files/files/Gems-Jewellery.pdf                 |  |  |  |
| Skill Requirements in Furniture and Furnishing                           | http://www.nsdcindia.org/sites/default/files/files/Furniture-Furnishing.pdf           |  |  |  |
| Skill Requirements in Textile-and-Clothing                               | http://www.nsdcindia.org/sites/default/files/files/Textile-and-Clothing.pdf           |  |  |  |
| Skill Requirements in Food Processing                                    | http://www.niftem.ac.in/Upload/Skill_Development_Workshop.pdf                         |  |  |  |

**Table 33 Skills Migration** 

| C | Category Skills Migration |                  | Skills Migration |  |
|---|---------------------------|------------------|------------------|--|
|   | L                         | LMI              |                  | Web address 1                                  |
|   | S                         | Skills Migration |                  | http://mail.mospi.gov.in/index.php/catalog/143 |

#### Table 34 TVET

| LMI  | Web address 1   |
|--|---|
| Training (IT Skills)   | http://deity.gov.in/content/schemes-projects#i                                      |
| Training Course  | http://chdtechnicaleducation.gov.in/Directoratesch8.html                            |
| Unorganised Sector   | http://www.ies.gov.in/pdfs/publications-sunita-sanghi-kuntal-sensarma.pdf           |
| Informal Sector  | http://www.ies.gov.in/pdfs/publications-sunita-sanghi-kuntal-sensarma.pdf           |
| Informal vocational training   | http://www.labourbureau.gov.in/reports.htm  |
| Formal vocational training (Nos)   | http://www.labourbureau.gov.in/reports.htm  |
| Training Course (Fisheries) – Regular Courses and special training Courses | http://www.cifnet.nic.in/regular.htm  |
| Training Course (Fisheries) – Refresher courses                            | http://www.cifnet.nic.in/regular.htm  |
| Training Course (Retraining and Redeployment of Redundant Workers)         | Not on Website  |
| Training Course  | http://mhrd.gov.in/sites/upload_files/mhrd/files/upload_document/Guidelines-        |
| Training Course  | http://jss.nic.in/  |
| ITI/ITC c  | capacity http://www.dget.nic.in/content/institute/key-statistics.php                |
| Training Course  | http://www.dget.nic.in/content/innerpage/advanced-vocational-training-scheme-       |
| Model Training Institutes and Model Industrial Training Institutes         | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course  | http://www.cifnet.nic.in/regular.htm  |
| Training Course (Women)  | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course  | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course  | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course (Crafts)   | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course (Craftsmen)  | http://www.dget.nic.in/content/innerpage/advanced-vocational-training-scheme-       |
| Training Course (Modular Employable Skills)                                | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Training Course (Women)  | http://dget.nic.in/content/institute/women-training.php                             |
| Apprenticeship Training Scheme (ATS) (23,800 establishments)               | http://www.dget.nic.in/content/innerpage/schemes-for-training.php                   |
| Apprentice intake capacity   | http://www.dget.nic.in/upload/uploadfiles/files/publication/TradeApprenticeshipTrai |
| Apprentices (Trade) by state   | http://www.dget.nic.in/upload/uploadfiles/files/publication/TradeApprenticeshipTrai |
| Apprentices by region  | http://www.dget.nic.in/upload/uploadfiles/files/publication/TradeApprenticeshipTrai |
| Apprentice training  | http://www.dget.nic.in/content/innerpage/overview-ats.php                           |

| Category TVET   |   |
|---|---|
| Training Course   | http://www.dget.nic.in/content/innerpage/schemes-for-training.php               |
| Training Course (Modular Employable Skills)                   | http://mes.gov.in/miscgiheadlines.php   |
| Training Course Entrepreneurship                              | http://www.dcmsme.gov.in/Enterprise&skillDevelopment.htm                        |
| Training Course Entrepreneurship                              | http://www.dcmsme.gov.in/Enterprise&skillDevelopment.htm                        |
| Training Course   | http://rural.nic.in/sites/programmes-schemes-sgsy.asp                           |
| Sector Skills Councils  | http://www.skilldevelopment.gov.in/ssc.html                                     |
| Training Course   | http://socialjustice.nic.in/schemespro3.php                                     |
| Training Course   | http://www.atdcindia.co.in/index.php?option=com_content&view=article&id=2&Itemi |
| Training Course   | http://www.designdiary.nic.in/index.asp   |
| Training Course   | http://www.aepcindia.com/   |
| Training Course   | http://tourism.gov.in/TourismDivision/AboutDivision.aspx?Name=Human%20Resource  |
| Training Course   | http://tourism.gov.in/TourismDivision/AboutDivision.aspx?Name=Human%20Resource  |
| Training Course (Tourism                                      | http://www.nchm.nic.in/pages/show/49  |
| Sector Skills Councils  | http://www.nsda.gov.in/NSQF/nsqfIndexPage.html?name=SectorSkillCouncils         |
| National Registry of Skilled Candidates                       | http://www.nsda.gov.in/LMIS/LMISIndexPage.html#                                 |
| National Qualifications Framework                             | http://www.nsda.gov.in/NSQF/nsqfIndexPage.html?name=rpl                         |
| Recognition of Prior Learning                                 | http://www.nsda.gov.in/NSQF/nsqfIndexPage.html?name=rpl                         |
| Training Centres  | http://tpdirectory.nsda.gov.in/portalview/PortalMain.aspx?context=&tabId=true   |
| Training Course   | http://tpdirectory.nsda.gov.in/portalview/PortalMain.aspx?context=&tabId=true   |
| Training Providers Directory                                  | http://tpdirectory.nsda.gov.in/portalview/PortalMain.aspx?context=&tabId=true   |
| Training Centres  | http://www.nsdcindia.org/affilates-centers                                      |
| National Occupational Standards                               | http://www.nsdcindia.org/nos  |
| Training Course (IT)  | http://www.nielit.gov.in/education.aspx   |
| Training Course (Entrepreneurial Development )                | http://niesbud.nic.in/training.htm  |
| Training in home scale preservation of fruits and vegetables) | http://wcd.nic.in/fnb.htm   |

# **Table 35 Trade Unions**

| C | ategory | Trade Unions |               |  |
|---|---------|--------------|---------------|--|
|   | LMI     |              | Web address 1 |  |

| Strikes and Lockouts   | http://labourbureau.gov.in/idtab.htm  |
|--|---|
| Union Density Rate   | http://www.indiastat.com/labourandworkforce/380987/tradeunions/282/stats.aspx |
| General Funds of Registered Trade Unions (I) Workers' Unions                       | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                      |
| Membership, Income, Expenditure and Funds of Registered Trade Unions               | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                      |
| Registered Trade Unions  | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                      |
| Workers' and Employers' Unions Submitting Returns and their Membership by Industry | http://mospi.nic.in/mospi_new/site/India_Statistics.aspx                      |
| Workers membership of unions/associations  | http://mail.mospi.gov.in/index.php/catalog/143                                |

# **Table 36 Unemployment**

| Cat | egory                     | Unemployment              |   |  |   |  |
|-----|---------------------------|---------------------------|---|--|---|--|
|     | LMI                       |                           |   |  | Web address 1   |  |
|     | Persons                   | registered                | in  | employment   | http://www.csoisw.gov.in/CMS/cms/Feedback.aspx          |  |
|     | Youth Unemployme          | nt                        |   |  | http://labourbureau.nic.in/Report%20Vol%202%20final.pdf |  |
|     | Social Groups             |                           |   |  | http://www.labourbureau.gov.in/reports.htm              |  |
|     | Social Groups             |                           |   |  | http://www.labourbureau.gov.in/reports.htm              |  |
|     | Live Register             | egister                   | http://www.dget.nic.in/content/innerpage/employment-exchange-statistics.php |  |   |  |
|     | Performance Of Em         | ployment Exchanges, All I | ndia And by State   |  | http://mospi.nic.in/mospi_new/upload/SYB2015/ch32.html  |  |
|     | Unemployment by Education |                           |   | http://www.censusindia.gov.in/2011census/population_enumeration.html |   |  |

# Table 37 Workforce

| • | Category   | Workforce |   |  |
|---|--|-----------|---|--|
|   | LMI  |           | Web address 1   |  |
|   | Marginal workers classified by age, Industrial category and sex for scheduled castes |           | http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou |  |
|   | Main workers, Marginal workers, Non-workers and those marginal workers, non-         |           | http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labo  |  |
|   |  |           | http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou |  |
|   |  |           | http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou |  |

| Category |                     | Workforce   |
|----------|---------------------|---|
|          | Main workers classi | ified by age, Industrial category and sex for scheduled Castes http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labour |
|          | Main workers, ma    | arginal workers, non-workers and those marginal workers, non-http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou    |
|          | Main workers, ma    | arginal workers, non-workers and those marginal workers, non-http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou    |
|          | Main workers, Ma    | arginal workers, Non-workers and those marginal workers, non-http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou    |
|          | Main workers, Ma    | arginal workers, Non-workers and those marginal workers, non-http://mospi.gov.in/national_data_bank/table_20nov12_labour/table_20nov12_labou    |

# LMI DESCRIPTIONS

The core of the LMI selection is a collection of 20 key indicators of the labour market identified by the ILO, ranging from employment and variables relating to employment (status, sector, hours, etc.) to the lack of work and the characteristics of jobseekers, education, wages and compensation costs, labour productivity and working poverty. Taken together, the indicators give a strong foundation from which to begin addressing key questions related to productive employment and decent work. However an LMIS is broader than the KILM selection because of the information needs of the possible clients of the system. Each of the LMI is briefly described where necessary (the meaning of some LMI are self- explanatory). The ILO indicators are followed by KILM.

#### LABOUR FORCE PARTICIPATION RATE KILM 1.

The Labour force participation rate is a measure of the proportion of a country's working-age population that engages actively in the Labour market, either by working or looking for work; it provides an indication of the relative size of the supply of Labour available to engage in the production of goods and services. The breakdown of the Labour force by sex and age group gives a profile of the distribution of the economically active population within a country.

#### EMPLOYMENT-TO-POPULATION RATIO KILM 2.

The employment-to-population ratio provides information on the ability of an economy to create employment; for many countries the indicator is often more insightful than the unemployment rate. Although a high overall ratio is typically considered as positive, the indicator alone is not sufficient for assessing the level of decent work or the level of a decent work deficit. Additional indicators are required to assess such issues as earnings, hours of work, informal sector employment, underemployment and working conditions. Employment-to-population ratios are of particular interest when broken down by sex, as the ratios for men and women can provide information on gender differences in Labour.

# STATUS IN EMPLOYMENT KILM 3.

Indicators of status in employment distinguish between three important and useful categories of the employed – (a) wage and salaried workers, (b) self-employed workers, and (c) contributing family workers – with each being expressed as a proportion of the total employed. Categorization by employment status can help in understanding both the Guide to understanding the KILM dynamics of the Labour market and the level of development of countries. Over the years, and with growth of the country, one would typically expect to see a shift in employment from the agriculture to the industry and services sectors, with a corresponding increase in wage and salaried workers and decreases in self-employed and contributing family workers, previously employed in the agricultural sector. The method of classifying employment by status is based on the 1993 International Classification by Status in Employment (ICSE), which classifies jobs held by persons at a point in time with respect to the type of explicit or implicit employment contract the person has with other persons or organizations. Such status classifications reflect the degree of economic risk, an element of which is the strength of the attachment between the person and the job, and the type of authority over establishments and other workers that the person has or will have.

This indicator disaggregates employment into three broad sectors – agriculture, industry and services – and expresses each as a percentage of total employment. The indicator shows employment growth and decline on a broad sectoral scale, while highlighting differences in trends and levels between developed and developing economies. Sectoral employment flows are an important factor in the analysis of productivity trends, because within-sector productivity growth needs to be distinguished from growth resulting from shifts from lower to higher productivity sectors. The sectors of economic activity are defined according to the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 2 (1968) and Revision 3 (1990).

#### PART-TIME WORKERS KILM 5.

There has been rapid growth in part-time work in the past few decades in the developed economies. This trend is related to the increase in the number of women in the Labour market, but also to attempts to introduce Labour market flexibility in reaction to changing work organization within industry and to the growth of the services sector. The indicator on part-time workers focuses on individuals whose working hours total less than "full time", as a proportion of total employment. Because there is no agreed international definition as to the minimum number of hours in a week that constitute fulltime work, the dividing line is determined either on a country-by-country basis or through the use of special estimations. Two measures are calculated for this indicator: total part-time employment as a proportion of total employment, sometimes referred to as the "part-time employment rate"; and the percentage of the part-time workforce comprised of women.

#### HOURS OF WORK KILM 6.

The number of hours worked have an impact on the health and well-being of workers as well as on levels of productivity and Labour costs of establishments. Measuring the level and trends in the hours worked in a society, for different groups of workers and for workers individually, is therefore important when monitoring working and life conditions as well as when analysing economic developments. Two measurements related to working time are included in KILM 6 in order to give an overall picture of the time that the employed throughout the world devote to work activities. The first measure relates to the hours an employed person works per week. The number of employed are presented according to the following hour bands: less than 25 hours worked per week, between 25 and 34 hours, between 35 and 39 hours, between 40 and 48 hours, between 49 and 59 hours, 40 hours and over, 50 hours and over and 60 hours and over, as available. The data Guide to understanding the KILM are broken down by sex, age group (total, youth and adult) and employment status (total, wage and salaried worker and self-employed), wherever possible. The second measure is the average annual actual hours worked per person.

#### EMPLOYMENT IN THE INFORMAL SECTOR KILM 7.

Employment in the informal sector relates the estimated number of persons employed in the informal sector to the total number of employed persons. In terms of size and growth, the informal sector is an important part of economic, social and political life in most developing, as well as some developed economies. In countries with high rates of population growth or urbanization, the informal economy tends to absorb most of the growing Labour force. The indicator represents an attempt to capture Labour market situations that are inadequately covered by other indicators, such as the unemployment rate (KILM 8) and time-related underemployment (KILM 12). The 15th ICLS1 defined the informal sector as units of production within unincorporated enterprises owned by households. Those employed in the informal economy comprise all

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<sup>&</sup>lt;sup>1</sup> International Conference of Labour Statisticians (ICLS)

persons who, during a given reference period, were employed in at least one production unit that meets these informal sector guidelines, irrespective of their status in employment and whether it was their main or a secondary job. The ICLS resolution makes allowances for some national variations. As a result, information for the indicator is often based on national definitions and measurements of the informal economy.

#### **UNEMPLOYMENT KILM 8.**

The unemployment rate is probably the best-known Labour market measure and certainly one of the most widely quoted by the media in many countries. Together with the Labour force participation rate (KILM 1) and employment-to-population ratio (KILM 2), it provides the broadest available indicator of economic activity and status in terms of Labour markets for countries that regularly collect information on the Labour force. The unemployment rate tells us the proportion of the Labour force that does not have a job and is actively looking for work. It should not be misinterpreted as a measurement of economic hardship, however, although a correlation often exists. The resolution concerning statistics of the economically active population, employment, unemployment and underemployment, adopted by the 13th ICLS, defines the unemployed as all persons above a specified age who, during the reference period, were without work, currently available for work and seeking work. However, it should be recognized that national definitions and coverage of unemployment can vary with regard to factors such as age limits, criteria for seeking work, and treatment of, for example, persons temporarily laid off, discouraged about job prospects or seeking work for the first time.

# YOUTH UNEMPLOYMENT KILM 9.

Youth unemployment is an important policy issue for many countries, regardless of the stage of development. For the purpose of this indicator, the term "youth" covers persons aged 15 to 24, while "adults" are defined as persons aged 25 and over. The indicator presents youth unemployment in the following ways: (a) the youth unemployment rate; (b) the youth unemployment rate as a percentage of the adult unemployment rate; (c) the youth share in total unemployment; and (d) youth unemployment as a proportion of the youth population. The KILM 9 measures should be analyzed together; any of the four, when analyzed in isolation, could paint a distorted image. For example, a country might have a high ratio of youth-to-adult unemployment but a low youth share in total unemployment. The presentation of youth unemployment as a proportion of the youth population recognizes the fact that a large proportion of young people enter unemployment from outside the Labour force. Taken together, the four indicators provide a fairly comprehensive indication of the Guide to understanding the KILM problems that young people face in finding jobs.

# LONG-TERM UNEMPLOYMENT KILM 10.

Unemployment tends to have more severe effects the longer it lasts. Short periods of joblessness can normally be dealt with through unemployment compensation, savings and, perhaps, assistance from family members. Unemployment lasting a year or longer, however, can cause substantial financial hardship, especially when unemployment benefits either do not exist or have been exhausted. Long-term unemployment is not generally viewed as an important indicator for developing economies, where the duration of unemployment often tends to be short, due to the lack of unemployment compensation and the fact that most people cannot afford to be without work for long periods. Therefore, most of the information available for this indicator comes from the more developed economies. The data are available by sex and age group (total, youth and adult), wherever possible. The indicator on long-term unemployment makes the basic assumption that unemployment that lasts a full year or more is too long, and is thus a phenomenon worthy of special attention. Two separate measures of long-term unemployment are included: (a) those unemployed one year or more as a percentage of the Labour force; and (b) those unemployed one year or more as a percentage of the total unemployed (the incidence of long-term unemployment).

#### UNEMPLOYMENT BY EDUCATIONAL ATTAINMENT KILM 11.

This indicator can provide important insights into the relationship between the educational attainment of workers and unemployment in different countries. This allows researchers to discern a key characteristic of a country's or region's unemployed Labour force and, in so doing, assists in identifying the likelihood of different groups of workers experiencing unemployment. The information in the indicator may also be used to draw inferences relating to changes in employment demand. Table 11a presents the distribution of total employment across categories of educational attainment and table 11b presents the unemployment rates of persons who attained education at the primary level or less, secondary or tertiary level. Information for this indicator is classified according to categories of schooling – less than one year, less than primary level, primary level, secondary level and tertiary level – and is presented as the proportion of total unemployed in each of these five categories. The categories used in the indicator are conceptually based on the levels of the International Standard Classification of Education (ISCED), contained in Appendix D. ISCED was designed by UNESCO to serve as an instrument for assembling, compiling and presenting comparable indicators and statistics of education, both within countries and internationally.

#### TIME-RELATED UNDEREMPLOYMENT KILM 12.

Underemployment reflects underutilization of the productive capacity of the Labour force. Time-related underemployment, as the only component of underemployment, to date, that has been agreed on and properly defined within the international community of Labour statisticians, is, therefore, the best available proxy of the underutilized Labour force. The indicator is important for improving the description of employment-related problems, as well as assessing the extent to which available human resources are being utilized in the production process of the country. It also provides useful insights for the design and evaluation of employment, income and social programmes. The indicator includes two measures – time-related underemployment as a percentage of the Labour force, and as a percentage of total employment. The international definition of time-related underemployment was adopted in 1982 by the 13th ICLS and amended in 1998 by the 16th ICLS. It includes all persons in employment whose hours of work "are insufficient in relation to an alternative employment situation Guide to understanding the KILM in which the person is willing and available to engage".

# **INACTIVITY KILM 13.**

The inactivity rate is defined as the percentage of the population that is neither working nor seeking work (that is, not in the Labour force). The inactivity rate of the age groups 15+, 15-24, 15-64, 25-54, 25-34, 35-54, 55-64 and 65+ are shown in table 13. The 25-54 age group can be of particular interest since it is considered to be the "prime-age" group, in which individuals are generally expected to be in the Labour force; it is worthwhile investigating why these potential Labour force participants are inactive, since they have normally completed their education but have not yet reached retirement age. The inactivity rate of women, in particular, tells us a lot about the social customs of a country, attitudes towards women in the Labour force, and family structures in general. The inactivity rates, when added to the Labour force participation rate (KILM table 1) for the corresponding group, will equal 100 per cent. Data in table 13 has been harmonized to account for differences in national data collection and tabulation methodologies as well as for other country-specific factors such as military service requirements. The series includes both nationally reported and imputed data and only estimates that are national, meaning there are no geographic limitations in coverage.

# EDUCATIONAL ATTAINMENT AND ILLITERACY KILM 14.

An increasingly important aspect of Labour market performance and national competitiveness is the skill level of the workforce. Information on levels of educational attainment is currently the best available indicator of Labour force skill levels. These are important determinants of a country's capacity to compete successfully in world markets and to make efficient use of rapid technological advances; they are also among the factors determining the employability of workers. The KILM 14 indicator reflects the levels and distribution of the knowledge- and skills base of the Labour force and population. Table 14a presents information on the educational attainment of the Labour force, with data broken down by sex and age group (total, youth, young adult and adult), wherever possible. Table 14b is a measure of illiteracy in the population (total, youth and adult). As with the indicator for unemployment by educational attainment (KILM 11), KILM 14 presents information in accordance with the ISCED (see Appendix D).

#### MANUFACTURING WAGE INDICES KILM 15.

Wages are a widely used measure of the general level of workers' income. Such information is often applied to formulate, implement and monitor economic policies and, more specifically, to address Labour issues such as human resource planning, Labour utilization, wage fixing, social security and Labour costs. This indicator covers real wages in manufacturing (despite the fact that paid employment in manufacturing activities is not uniformly important across regions and over time, for reasons explained in detail within KILM 15). Real wages in an economic activity are viewed as a major indicator of employees' purchasing power and as a proxy for their level of income, independent of the actual work performed in that activity. Significant differences in the purchasing power of wages, over time and between countries, reflect modern economic society, and comparisons of the movement of real wages can provide a measure of the material progress (or regression) of the working population.

#### OCCUPATIONAL WAGE AND EARNING INDICES KILM 16.

While KILM 15 shows trends in average wages at the industry level (i.e. in manufacturing), KILM 16 looks at trends in, and differentials between, occupational wages (i.e. wage rates or earnings) in specific industry groups. Changes in average wages within an industry or sector may be due not only to changes in levels of wage rates or earnings but Guide to understanding the KILM also to changes in the occupational composition of employment and in the proportion of men and women employed. Looking at wages of particular occupations avoids some of the limitations associated with using broad averages, where changes in the composition and structure of the workforce might be influencing the recorded changes in average wages. Two tables of wage indices are presented for this indicator: one relating to nominal and real wage rates (table 16a), and the other to nominal and real earnings (table 16b). Nineteen occupations were selected to give a representative picture of the development of real wage rates and earnings for different types of occupations with varying skill levels in different sectors of activity.

# HOURLY COMPENSATION COSTS KILM 17.

Average hourly compensation cost is a measure intended to represent employers' expenditure on the benefits granted to their employees as compensation for an hour of Labour. These benefits accrue to employees, either directly – in the form of total gross earnings – or indirectly – in terms of employers' contributions to compulsory, contractual and private social security schemes, pension plans, casualty or life insurance schemes and benefit plans in respect of their employees. This latter group of benefits is commonly known as "non-wage benefits" or "non-wage Labour costs" when referring to employers' expenditure. The indicators within KILM 17 are concerned with the levels, trends and structures of employers' hourly compensation costs for the employment of workers in the manufacturing sector. The measure for all employees is shown in table 17a and for production workers separately in table 17c. At both the national and international levels, Labour costs are a

crucial factor in the abilities of enterprises and countries to compete. When specific to the manufacturing sector, compensation costs serves as an indicator of competitiveness of manufactured goods in world trade.

# LABOUR PRODUCTIVITY KILM 18.

Productivity, in combination with hourly compensation costs, can be used to assess the international competitiveness of a Labour market. Economic growth in a country or sector can be ascribed either to increased employment or to more effective work by those who are employed. The latter can be described through data on Labour productivity. Labour productivity, therefore, is a key measure of economic performance. An understanding of the driving forces behind it, in particular the accumulation of machinery and equipment, improvements in organization as well as physical and institutional infrastructures, improved health and skills of workers ("human capital") and the generation of new technology, is important in formulating policies to support economic growth. Labour productivity is defined as output per unit of Labour input.

#### EMPLOYMENT ELASTICITIES KILM 19.

Employment elasticities provide a numerical measure of how employment growth varies with growth in economic output – i.e. how much employment growth is associated with 1 percentage point of economic growth. Employment elasticities can serve as a useful way to examine how growth in economic output and growth in employment evolve together over time. They can also provide insights into how employment generation varies for different population subsets in an economy and assist in detecting and analyzing structural changes in employment over time. Taken together with other indicators such as economic growth rates, Labour force growth, poverty, hours of work and wages, employment elasticities can provide important insights into Labour market trends.

# POVERTY, WORKING POVERTY AND INCOME DISTRIBUTION KILM 20.

Poverty can result when individuals are unable to generate sufficient income from their Labour to maintain a minimum standard of living. The extent of poverty, therefore, can be viewed as an outcome of the functioning of Labour markets. Because Labour is often the most significant, if not the only, asset of individuals in poverty, the most effective way to improve the level of welfare is to increase employment opportunities and Labour productivity through education and training. An estimate of the number of people in poverty in a country depends on the choice of the poverty threshold. However, what constitutes such a threshold of minimum basic needs is subjective, varying with culture and national priorities. Definitional variations create difficulties when it comes to making international comparisons. Therefore, in addition to national poverty measurements, this indicator presents data relative to the World Bank international poverty lines of US\$1 and US\$2 per person per day. The poverty gap is included as an overall measure of the depth of poverty. The Gini index is also given, as it is a convenient summary measure of the degree of inequality based on either income or expenditure. Estimates of the "working poor" – defined as the proportion of employed persons living in a household whose members are estimated to be below the poverty line – are also available.

#### **OCCUPATIONAL CLASSIFICATIONS**

An Occupational Classification system is used to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into detailed occupations according to their occupational definition. To facilitate classification, detailed occupations are combined to form broad occupations, minor groups, and major groups. Detailed occupations in the Occupational Classification system

with similar job duties, and in some cases skills, education, and/or training, are grouped together. The International Standard Classification of Occupations (ISCO) is one of the main international classifications for which ILO is responsible.

# MANPOWER PROJECTIONS, SECTOR & OCCUPATION

Forecasts of the workforce required in various future time periods.

#### SME DEVELOPMENT

(Small and Medium sized Enterprises) SME Development is one of the primary ways of encouraging entrepreneurship in transition, emerging, and developing economies. Entrepreneurs are the catalysts of growth, combining capital, innovation and skills. Policies and practices to encourage SME Development lead to indigenous employment and economic growth.

# **JOB VACANCIES**

A job vacancy is an employee job available for immediate filling on the survey reference date and for which recruitment action has been taken.

# JOB APPLICATIONS

Total number of job applications by occupation, industry etc.

## JOB DESCRIPTIONS

A job description is a list of tasks, or functions, and responsibilities of a position. It may often include to whom the position reports, specifications such as the qualifications or skills needed by the person in the job, or a salary range. Job descriptions are usually narrative, but some may instead comprise a simple list of competencies.

#### MACRO-ECONOMIC TRENDS

Macroeconomics examines economy-wide phenomena such as changes in employment, unemployment, national income, rate of growth, gross domestic product, inflation and price levels.

# **INTERNATIONAL TRENDS**

Studies of International economic trends likely to affect the Indian economy.

#### **ENTERPRISES BY SECTOR**

The number of enterprises active by sector in the reference time period.

## PRODUCTION AND TURNOVER BY SECTOR

Measures of Production and Turnover by Economic Sector

# TECHNOLOGICAL CHANGE BY SECTOR

A change in a production function that alters the relationship between inputs and outputs. Normally it is understood to be an improvement in technology, or technological progress.

# **SECTOR STUDIES**

Studies of industrial sectors indicating their likely development.

#### **GRADUATION RATES**

Students and trainees graduating from various courses, Education and Training institutions

# COURSE ENROLMENT DATA

The number of students/trainees enrolled on courses

# **COURSES & CAPACITY OF INSTITUTIONS**

Courses and the number of students/trainees

# **CURRICULA**

Curricula include courses and experiences that are related to career and technical education

# TRACER STUDIES (SECONDARY & UNIVERSITY)

Follow-up and tracer studies' are studies of transition from school to work. They are useful in assisting educational planners, administrators and human resources planners which seek to assess young people's educational training and their employment.

#### **BUDGET FOR EDUCATION AND TRAINING**

The amount of money allocated by the Government to education and training by year

# DONOR AND PRIVATE INVESTMENT IN EDUCATION

The amount of money from private donor and private investment allocated to education and training by year.

# **POLICIES**

Education economic and Labour policies

# TARGET GROUP SURVEYS

Surveys of occupational groups to determine their characteristics and behavior.

# LABOUR LAWS

Labour law (or "employment" law) is the body of laws, administrative rulings, and precedents which address the legal rights of, and restrictions on, working people and their organizations.

# FATAL INJURY RATE (PER 100,000 EMPLOYEES)

Fatal Injury Rate is defined as the total number of fatal occupational injuries per 100,000 employees. It is calculated by taking the total number of fatal injuries on the job, dividing that by the total number of employees (expressed as full-time equivalents) and multiplying by 100,000.

#### OCCUPATIONAL INJURY INSURANCE AVERAGE

Occupational injury insurance gives a worker a legal right to compensation if he/she meets with an occupational injury or is inflicted by an occupational illness.

It is defined as any personal injury, disease or death resulting from an occupational accident', with the definition of an occupational accident being 'an unexpected and unplanned occurrence, including acts of violence, arising out of or in connection with work which results in one or more workers incurring a personal injury, disease or death'.

The measure is defined as the total number of disabling and fatal occupational injuries. It is calculated by taking the sum of the total number of disabling and fatal injuries on the job, dividing that by the total number of employees (expressed as full-time equivalents).

# **HEALTH & SAFETY CONDITIONS AT WORKPLACE**

The laws, decrees and regulations requiring employers to provide employees with a workplace free from hazardous conditions

# UNION DENSITY RATE

A measure of the membership of trade unions, calculated as the number enrolled as members as a proportion of all those employees potentially eligible to be members.

# COLLECTIVE WAGE BARGAINING COVERAGE RATE

An indicator of the extent to which the terms of workers' employment are influenced by collective negotiation is the coverage rate, i.e. the number of employees covered by a collective agreement divided by the total number of wage and salary-earners.

# STRIKES AND LOCKOUTS

A lockout is a work stoppage in which an employer prevents employees from working. This is different from a strike, in which employees refuse to work.

#### **INFLATION**

The rate of inflation for economic sectors and consumers

# **INCOME INEQUALITY**

Economic inequality (or "wealth and income differences") comprises all disparities in the distribution of economic assets and income. The term typically refers to inequality among individuals and groups within a society, but can also refer to inequality among countries. ...

#### MEAN ANNUAL HOUSEHOLD INCOME AND PER CAPITA INCOME

Total annual Income divided by the number of households and individuals

# MEAN ANNUAL HOUSEHOLD AND PER CAPITA EXPENDITURE

Total annual Expenditure divided by the number of households and individuals

#### SEASONALITY OF EMPLOYMENT

Periodic unemployment created by seasonal variations in particular industries, especially industries such as construction that are affected by the weather.

#### **GDP AT FACTOR COST**

GDP is the total value of goods and services produced within the country during a year. Factor cost is a measure of national income or output based on the cost of factors of production

GDP(FC) = C + I + G + (x-m) - IT + S

C = consumption (household) expenditure
I = investment expenditure
G = government expenditure
x-m = net exports i.e. exports - imports
IT = indirect taxes
S = subsidies

# CONSUMPTION OF FIXED CAPITAL

Consumption of fixed capital is the decline, during the. course of the accounting period, in the current value of. the stock of fixed assets owned and used by a producer as. a result of physical deterioration, normal obsolescence or normal accidental damage.

#### **GNP AT FACTOR COST**

GNP is the total measure of the flow of goods and services at market value resulting from current production during a year in a country, including net income from abroad. *Factor cost* is a measure of national income or output based on the *cost* of *factors* of production, instead of market prices. This allows the effect of any subsidy or indirect tax to be removed from the final measure.

# **GROSS DOMESTIC CAPITAL FORMATION**

Gross capital formation (formerly gross domestic investment) consists of outlays on additions to the fixed assets of the economy plus net changes in the level of inventories. Fixed assets include land improvements (fences, ditches, drains, and so on); plant, machinery, and equipment purchases; and the construction of

roads, railways, and the like, including schools, offices, hospitals, private residential dwellings, and commercial and industrial buildings. Inventories are stocks of goods held by firms to meet temporary or unexpected fluctuations in production or sales, and "work in progress."

# PER CAPITA GNP AT FACTOR COST)

GNP at factor cost divided by the population.

#### GROSS VALUE ADDED (GVA)

Gross value added (GVA) is a measure in economics of the value of goods and services produced in an area, industry or sector of an economy. In national accounts GVA is output minus intermediate consumption; it is a balancing item of the national accounts' production account.

#### GROSS NATIONAL INCOME AT FACTOR COST

Total amount of income accruing to a country from economic activities in a year is known as national income. It includes payments made to all resources in the form of wages, interest, rent and profits.

#### NET NATIONAL INCOME AT FACTOR COST

Net national income can be defined as the net national product (NNP) minus indirect taxes.

# PER CAPITA NET NATIONAL INCOME

National Income divide d by the population

#### NET NATIONAL INCOME INDEX NUMBERS

Net National Income can defined as net national product (NNP) minus indirect taxes. A index is an indicator of average percentage change in a series of figures where one figure (called the base) is assigned an arbitrary value of 100.

# NUMBER AND PERCENTAGE OF POPULATION BELOW POVERTY LINE

National estimates of the percentage of the population falling below the poverty line are based on surveys of sub-groups, with the results weighted by the number of people in each group. Definitions of poverty vary among nations.

# Literacy Rate

The Literacy Rate is the number of literates in the age group of 7 years and above expressed as percentage of the total corresponding population.

# Gross Enrolment Ratio (GER)

Gross Enrolment Ratio is the total student enrolment in a given level of education, regardless of age expressed as percentage of the corresponding eligible official age group population in a given school year. 2

# **GENDER PARITY INDEX (GPI)**

is the ratio of Girls to Boys ina given level of education.

# PUPIL TEACHER RATIO (PTR)

is the average number of pupils (students) per teacher at a specific level of education in a given school-year.

#### DROP OUT RATE

is the percentage of students who drop out from a given grade or cycle or level of education in a given schoolyear.

#### **OUTBOUND MOBILITY RATIO**

is the total number of students from a given country studying abroad, expressed as a percentage of total terti ary enrolment in that country.

#### INBOUND MOBILITY RATE

is the number of students from abroad studying in a given country, expressed as a percentage of total ter tiary enrolment in that count

#### **ABSENTEEISM**

A worker is to be treated as absent for purposes of absenteeism statistics when he does not turn up for work even if he/she has obtained prior permission and includes absence with pay or without pay. Any worker who reports for duty even for a part of the day or shift should not be counted among absentees. Absence of a worker due to strikes or lockout or lay off, weekly rest and suspension is not to be considered as absence for purposes of statistics of absenteeism.

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