GOVERNMENT OF GOA
REPORT ON
INEDX OF INDUSTRIAL PRODUCTION IN GOA
DURING-2014-15
(BASE YEAR 2011-12)

ELECTRICITY SECTOR
MINING SECTOR
MANUFACTURING SECTOR

DIRECTORATE OF PLANNING, STATISTICS AND EVALUATION,
PANDIT DEENDAYAL UPADHYA BHAVAN, PUNDALIK NAGAR,
PORVORIM, BARDEZ- GOA.

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PREFACE

The Index of Industrial Production measures the behavior of Industrial Production. It helps in analyzing structural changes that are taking place in the sector over a period of time with reference to the base year.

Since, mining and electricity are both important activities along with manufacturing sector in the State, separate indices have been compiled for these sectors.

The Base year for the construction of the series of Index Numbers of Industrial Production in the Goa has been changed from time to time. The present change in the base year to 2004-2005 to 2011-12 is in accordance with the guidance of Central Statistical Office, ESD, MoSPI, Government of India.

This is the thirty third report on Index numbers since inception, and the first in the revised series with the base year 2011-2012.

It is hoped that, this publication would be useful to those who are involved in the developmental planning of industrial sector. The cooperation extended by the industrial units in Goa, by supplying data is gratefully acknowledged. We are thankful to the staff of Industrial Statistics wing, Central Statistical Office, ESD, Government of India, for providing valuable guidance from time to time. Also, our sincere thanks to Indian Bureau of Mines, Nagpur and Central Electricity Authority for making available data on the website for both sectors.

I wish to place on record my appreciation for all the officers and staff members of NSS Division for their dedicated efforts in bringing out his publication. I also place on record my appreciation for factory management who had extended their all Co-operation to our office in submitting the data as per our requirement.

Suggestions for improvement in publication are most welcome.

Place: Porvorim  
Date: /05/2020  
DIRECTOR  

( Dr. Y. Durga Prasad )
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<td>GRAPH OF INDEX</td>
<td>8</td>
</tr>
</tbody>
</table>
INTRODUCTION

BACKGROUND

Industrial sector plays a vital role in the economic development of a region. The development in the industrial sector is measured by means of a tool called “Index of Industrial Production” (IIP). This statistical device is one of the most important macro-economic indicators, indicating the magnitude of industrial output over a given period compared to the reference period. The growth in production is measured with reference to the base period to assess the performance of the industrial sector. The index is used extensively in policy planning by the Government in public sector as also by other Organizations and Researchers, Industrialists, Economists, Administrators, etc.

The Directorate of Planning, Statistics and Evaluation took up the task of constructing the Index of Industrial Production (Mining and manufacturing sector) from the year 1971 onwards with base year 1970 = 100. The index series was based on the information collected from factories registered under the Factories Act, 1948 and functioning within the jurisdiction of Goa. Subsequently, the base year was changed from 1970 to 1975 as a result of big strides taken by the industrial sector in Goa.

Further, as per the guidelines received from the Central Statistical Office, ESD, MoSPI, New Delhi, the base year was revised to 1980-81=100 by covering more items in the basket to reflect the industrial growth more adequately. The change of base year from 1980-81=100 to 1993-94=100 for providing a comparable state level Index of Industrial Production was initiated by Central Statistical Office, ESD, MoSPI, New Delhi, as per the assurance given by the Prime Minister to the Parliament in April 1993. Under the “Comparable state level Index of Industrial Productions”, all the states in India adopt a common base year with common methodology for a uniform compilation of Indices.

In order to maintain synchronization with the base year of all India IIP and capture structural changes in the industrial sector in the State/UT’s the base year of Comparable State level IIP’s has been shifted from 2004-2005=100 to 2011-12=100.

This is the 33rd report in the series since its inception in the state and the 1st in the revised series of 2011-12. This issue covers the indices for the year 2014-15 for Electricity, Mining as well as Manufacturing sectors along with combined indices for all the three sectors.
SCOPE AND COVERAGE

The scope of Index of Industrial Production has been confined to Electricity sector, Mining sector and Manufacturing sector. The manufacturing sector is restricted to the industries registered under section 2(m) (i) and 2 (m) (ii) of the factories Act, 1948 and are functioning within the jurisdiction of the Goa State.

COLLECTION OF DATA SOURCE

1) The monthly Electricity Generation figures (power plant wise) for computation of Electricity Index is provided by Central Electricity Authority (CEA) on the website.
2) The mineral data for computation of mining index is obtained from the website of Indian Bureau of Mines (IBM), Nagpur.
3) The manufacturing index computed is based on the month-wise production data collected Under the provision of the Collection of Statistics Act, 2008(7 of 2009)and Rules framed there under in 2011, from the selected factories by issuing letters from this Directorate. Delayed cases are contacted over telephone or by personal visits of the staff of this Directorate.

BASE YEAR

The base year for calculation of the Index Numbers of Industrial Production in respect of Electricity, Mining and Manufacturing sector is 2011-12. It was revised from the earlier base of 2004-2005 as per the guidelines of the Central Statistical Office, ESD, Mospi, New Delhi.

ITEM BASKET

The Index of Industrial Production (IIP) constitutes of Mining, Manufacturing and Electricity Sector. Out of these 3 sectors Mining and Electricity are in the form of composites Index. The Item Basket and weight of Mining are decided and provided by the Indian Bureau of Mines (IBM) to Central Statistical Organization (CSO), based on the data provided by the Department of Mines in the respective State. The Electricity Sector is the single item, hence no apportioning of weight is done.
The CSO, NSSO, MoSPI, Kolkata has furnished new weighing diagram and item basket of 78 along with list of 80 selected factories and 61 as reserved factories for Manufacture Sector. Further, as per direction of CSO, list of 5 factories for each item has been prepared with consultation of the Chief Inspectorate of Factories and Boilers, in the State of Goa.

In manufacturing sector, an exercised has been made with 356 to cop up 5 factories for each item as per the guidelines of the MoSPI given for State IIP frame in the item basket. After thoroughly investigation with this factory as regards to the closer of factories, change of production and non manufacturing items in the state 205 factories panel has been made. Accordingly, weight has been also re-distributed in to the available items as mention below:

1) **Manufacturing of Textile**: Weight of Knitted Fabrics, Cloth Cotton as not manufactured in the state has re-distributed to other 18 Manufacturing Sub-sector in proportion to the percentage of weight of Sub Sector.

2) **Manufacturing Food Products**: Coconut oil refined was not manufactured of which weight has been re-distributed within 7 items from same sub-sector of food products.

3) **Manufacturing of Pharmaceuticals, Medicinal Chemical and Botanical Products**: Injection pump for diesel engines, weight has re-distributed within 11 items in that particular manufacturing sub-sector.

4) **Manufacture of Computer, Electronic and Optical Products**: Computer and Air Combat Stimulators weight has re-distributed within 5 items in that same manufacturing sub-sector

5) **Manufacture of Electrical Equipment Products**: Acrylic panels and bulbs glass weight has re-distributed within 6 items in that particular manufacturing sub-sector

6) **Other Manufacturing products**: Medical, Surgical Dental or Veterinary Furniture, Barbers chairs and similar chairs having rotating as well as both reclining and elevating movements, weight has re-distributed within 2 items in that particular manufacturing sub-sector has been re-distributed.

7) Grouping of 11 items in to 6 items group due to non availability of no. of factories and production data to cop up with 5 factories list in the Manufacturing Sector.

Accordingly, 64 item baskets for Manufacturing Sector has been finalized on re-distributing of weights.

**ESTIMATION PROCEDURE**
The Index of Industrial Production in new series is with base 2011-12 has been computed by using laspeyre’s formula. It is a simple weighted arithmetic mean as given below

\[ I = \frac{\sum Wi Ri}{\sum Wi} \]

Where,

I - the Index of Industrial Production

Ri - the production relative for the i-th item and

Wi - the corresponding weight
## TABLE NO. 1
Annual Item wise Index of Industrial Production for the year 2014-15
(BASE 2011-12 = 100)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>NIC Code</th>
<th>Item Description</th>
<th>Weight base year 2011-12</th>
<th>2014-15</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>ELECTRICITY SECTOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>Electricity, Gas, Steam and Hot Water Supply</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>3510</td>
<td>Generation of Electricity</td>
<td>58.26</td>
<td>4.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>A) Total (ELECTRICITY SECTOR)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>MINING SECTOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>07</td>
<td>Mining of Metal Ores</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0710</td>
<td>Iron Ore</td>
<td>318.76</td>
<td>0.00</td>
</tr>
<tr>
<td>2</td>
<td>0729</td>
<td>Manganese Ore</td>
<td>0.1835</td>
<td>0.00</td>
</tr>
<tr>
<td>3</td>
<td>0729</td>
<td>Bauxite</td>
<td>0.8201</td>
<td>277.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>B) Total (MINING SECTOR)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>MANUFACTURING SECTOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Manufacture of food Products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1020</td>
<td>i) Fish Meat, Fresh”Fish Frozen or otherwise</td>
<td>2.3178</td>
<td>114.96</td>
</tr>
<tr>
<td>2</td>
<td>1050</td>
<td>ii) Milk skimmed or pasturised, non-flavoured</td>
<td>0.6976</td>
<td>107.65</td>
</tr>
<tr>
<td>3</td>
<td>1050</td>
<td>iii) Icecream</td>
<td>0.2252</td>
<td>135.88</td>
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<tr>
<td>4</td>
<td>1061</td>
<td>iv) Wheat flour</td>
<td>0.0397</td>
<td>96.40</td>
</tr>
<tr>
<td>5</td>
<td>1071</td>
<td>v) Cashewnut and shelled</td>
<td>5.0684</td>
<td>90.01</td>
</tr>
<tr>
<td>6</td>
<td>1073</td>
<td>vi) Chocolate and other food preparation</td>
<td>20.3618</td>
<td>90.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>containing cocoa(except sweetened cocoa)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>1074</td>
<td>vii) Noodles</td>
<td>14.7195</td>
<td>78.06</td>
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<tr>
<td></td>
<td></td>
<td><strong>11. Manufacture of beverage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1103</td>
<td>i) Alcoholic Beverages</td>
<td>5.3255</td>
<td>93.80</td>
</tr>
<tr>
<td>9</td>
<td>1104</td>
<td>ii) Soft drink carbonated beverage other than</td>
<td>2.2168</td>
<td>97.38</td>
</tr>
<tr>
<td></td>
<td></td>
<td>soda water</td>
<td></td>
<td></td>
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<td><strong>17. Manufacture of Paper and Paper Products</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>1702</td>
<td>i) Corrugated paper board</td>
<td>0.6023</td>
<td>79.80</td>
</tr>
<tr>
<td>11</td>
<td>1702</td>
<td>ii) Boxes, Corrugated sheets</td>
<td>0.4563</td>
<td>94.26</td>
</tr>
<tr>
<td>12</td>
<td>1702</td>
<td>iii) Cardboard Boxes</td>
<td>0.6743</td>
<td>256.09</td>
</tr>
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<td></td>
<td></td>
<td><strong>18. Printing and reproduction of recorded media</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>1811</td>
<td>i) Newspaper and daily</td>
<td>3.5089</td>
<td>75.30</td>
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<tr>
<td></td>
<td></td>
<td><strong>19. Manufacture of Coke, refined petroleum products</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>1920</td>
<td>i) Liquidified Petroleum gas (LPG)</td>
<td>2.6101</td>
<td>100.42</td>
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<tr>
<td>15</td>
<td>1920</td>
<td>ii) Petroleum coke calcined</td>
<td>1.0373</td>
<td>58.46</td>
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<td></td>
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<td><strong>20. Manufacture of Chemicals and Chemical products</strong></td>
<td></td>
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<tr>
<td>16</td>
<td>2012</td>
<td>i) Urea</td>
<td>16.6930</td>
<td>99.44</td>
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<tr>
<td>17</td>
<td>2023</td>
<td>ii) Soap toilet (excluding baby soap)</td>
<td>5.6795</td>
<td>0.11</td>
</tr>
<tr>
<td>18</td>
<td>2023</td>
<td>iii) Toothpaste, non-medicated</td>
<td>14.8010</td>
<td>123.19</td>
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<tr>
<td></td>
<td></td>
<td>21. Manufacture of Pharmaceuticals medicinal Chemical and botanical Products</td>
<td></td>
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<tr>
<td>---</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>2100</td>
<td>i) Doxycycline / Minocycline 8.2712 154.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>2100</td>
<td>ii) Metronidazole with/ out, norfloxacin 3.8514 121.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>2100</td>
<td>iii) Vitamin E (tocophero) And Other vitamin in tablet or injectable form 16.1011 278.86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>2100</td>
<td>iv) Anti cancer and Anti Malaria 68.7687 26.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>2100</td>
<td>v) Anti-diabetic drugs excluding insulin ( metformin, pioglitazone, glimepiride etc) 5.2153 156.43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>2100</td>
<td>vi) Anti histamine,antistine antitussive (codeine etc)prep 10.1045 65.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>2100</td>
<td>vii) Lisinopril/ramipril/enalapril maleate a.c.e inhibitor 6.2105 2.42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>2100</td>
<td>viii) Ointments, allopathic 11.6818 310.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>2100</td>
<td>ix) Capsules Plastic 5.4854 182.25</td>
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<td></td>
<td></td>
<td>22. Manufacture of Rubber and Plastic products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>2211</td>
<td>i) Tyre/tube other 36.2123 116.80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>2211</td>
<td>ii) Flaps rubber 10.6678 100.04</td>
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<tr>
<td>30</td>
<td>2220</td>
<td>iii) Container plastic 15.7592 138.68</td>
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<tr>
<td>31</td>
<td>2220</td>
<td>iv) Plastic bottle caps 34.3406 73.46</td>
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<td></td>
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<td>23. Manufacture of other Non-metallic mineral products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>2394</td>
<td>i) Cement, Portland 3.8480 88.89</td>
<td></td>
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<tr>
<td>33</td>
<td>2395</td>
<td>ii) Other article of cement, concrete or artificial 3.9312 71.64</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>24. Manufacture of Basic Metals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>2410</td>
<td>i) Ingots iron 231.5327 66.90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>2420</td>
<td>ii) Manganese dioxide 9.6799 59.72</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>2420</td>
<td>iii) Aluminum tube, pipes aloyed 1.6913 115.93</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>2431</td>
<td>iv) Cast iron 0.5146 138.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>2431</td>
<td>v) Valves, industrial 0.1715 102.92</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>25. Manufacture of Fabricated metal products, except Machinery and equipments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>2511</td>
<td>i) Hume pipes 0.2254 139.87</td>
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<td></td>
</tr>
<tr>
<td>40</td>
<td>2511</td>
<td>ii) Buckets, shovelsgrabs and the like 0.1840 568.09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>2592</td>
<td>iii) Artificial graphite, colloidal or semi-colloidal graphite preparations based on graphite or other 0.5462 11.17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>2593</td>
<td>iv) Saw &amp; Saw blades 2.4675 46.24</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>26. Manufacture of computer, electronic and optical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>2610</td>
<td>i) Capacitor, metalized poly film 2.5425 300.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>2620</td>
<td>ii) Computer Peripherals 0.2162 43.96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>2630</td>
<td>iii) Toys plastic moulded other 0.4768 82.42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>2651</td>
<td>iv) Instruments and apparatus for measuring or checking the flow, level, pressure or their variables of liquids or gases, except 1.8160 117.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>2651</td>
<td>v) Machines and appliances for testing the mechanical properties of materials 0.7136 48.24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 27. Manufacture of Electrical equipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>i) Centrifuge motors or Electrical motors</td>
<td>1.3940</td>
<td>133.58</td>
</tr>
<tr>
<td>49</td>
<td>ii) Parts of electricity distribution of control apparatus</td>
<td>0.3756</td>
<td>227.72</td>
</tr>
<tr>
<td>50</td>
<td>iii) Optical fibre cables made up of individually sheaterd</td>
<td>5.7226</td>
<td>148.71</td>
</tr>
<tr>
<td>51</td>
<td>iv) Electric Fans and ventilating or recycling hoods of the domestic type</td>
<td>2.1696</td>
<td>131.72</td>
</tr>
<tr>
<td>52</td>
<td>v) Fabricated metal product</td>
<td>0.1223</td>
<td>88.85</td>
</tr>
<tr>
<td>53</td>
<td>vi) Instruments and apparatus(except cathode-ray oscilloscopes and oscillographs) for telecommunications</td>
<td>0.1109</td>
<td>422.81</td>
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</tbody>
</table>

### 28. Manufacture of Machinery & equipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>i) Internal combustion piston engines other</td>
<td>1.1753</td>
<td>130.42</td>
</tr>
<tr>
<td>55</td>
<td>ii) Concrete pump</td>
<td>1.3393</td>
<td>73.18</td>
</tr>
<tr>
<td>56</td>
<td>iii) Washing machine/laundry machine</td>
<td>4.2007</td>
<td>136.80</td>
</tr>
</tbody>
</table>

### 29. Manufacture of Motor Vehicles, trailers and Semi-Trailers and semi-trail

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>57</td>
<td>i) Body for other vehicle</td>
<td>3.1336</td>
<td>12.50</td>
</tr>
<tr>
<td>58</td>
<td>ii) Seat for motor vehicle</td>
<td>0.2123</td>
<td>134.40</td>
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</table>

### 30. Manufacture of other Transport equipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
<td>i) Other vessels for the transport of goods and other vessels</td>
<td>2.7576</td>
<td>100</td>
</tr>
<tr>
<td>60</td>
<td>ii) Barges excl. hopper</td>
<td>2.3129</td>
<td>5</td>
</tr>
</tbody>
</table>

### 31. Manufacture of Furniture

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>i) Chair steel office</td>
<td>0.1620</td>
<td>177.73</td>
</tr>
<tr>
<td>62</td>
<td>ii) Table &amp; desks iron/steel</td>
<td>0.1380</td>
<td>11.71</td>
</tr>
</tbody>
</table>

### 32. Other Manufacture

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>i) Lens, ophthalmic</td>
<td>1.0441</td>
<td>58.22</td>
</tr>
<tr>
<td>64</td>
<td>ii) Toothbrush</td>
<td>3.8759</td>
<td>146.88</td>
</tr>
</tbody>
</table>
TABLE NO.2
COMPARISON OF ANNUAL INDEX OF INDUSTRIAL PRODUCTION
SECTOR LEVEL AND BASE YEARS
(BASE 2011-12=100)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Industrial Sector</th>
<th>Weight</th>
<th>Index</th>
<th>Weight</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Base year 2004-05</td>
<td>Base Year 2011-12</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Electricity</td>
<td>57.43</td>
<td>82.47</td>
<td>67.06</td>
<td>72.42</td>
</tr>
<tr>
<td>2</td>
<td>Mining</td>
<td>136.82</td>
<td>245.65</td>
<td>79.37</td>
<td>0.68</td>
</tr>
<tr>
<td>3</td>
<td>Manufacturing</td>
<td>805.75</td>
<td>105.60</td>
<td>115.66</td>
<td>106.54</td>
</tr>
<tr>
<td></td>
<td>Combined Index</td>
<td>1000.00</td>
<td>123.43</td>
<td>107.90</td>
<td>90.09</td>
</tr>
</tbody>
</table>

TABLE NO.3
INDEX OF INDUSTRIAL PRODUCTION
MANUFACTURING, ELECTRICITY AND MINING SECTOR AND COMBINE
(MONTH-WISE GROUP LEVEL INDICES FOR THE YEAR 2014-15)
(BASE 2011-12=100)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity Index</td>
<td>54.61</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Mining Index</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
<td>0.71</td>
</tr>
<tr>
<td>Manufacturing Index</td>
<td>99.48</td>
<td>93.18</td>
<td>95.81</td>
<td>92.73</td>
<td>78.95</td>
<td>107.83</td>
<td>121.35</td>
<td>74.94</td>
<td>69.77</td>
<td>76.93</td>
<td>70.58</td>
<td>76.78</td>
</tr>
<tr>
<td>COMBINE INDEX</td>
<td>65.28</td>
<td>58.18</td>
<td>59.82</td>
<td>57.91</td>
<td>49.33</td>
<td>67.30</td>
<td>75.70</td>
<td>46.84</td>
<td>43.62</td>
<td>48.08</td>
<td>44.13</td>
<td>47.98</td>
</tr>
</tbody>
</table>
Graph of Month Wise Index of Industrial Production 2014-15

Electricity - Orange
Mining - Red
Manufacturing - Blue
Combine - Yellow

- April: 54.6
- May: 99.48
- June: 93.18
- July: 95.81
- August: 92.73
- September: 78.95
- October: 107.83
- November: 75.7
- December: 74.94
- January: 72.95
- February: 76.93
- March: 76.78

Axis Title: T
Title: Graph of Month Wise Index of Industrial Production 2014-15

Axes Title: A
Title: