**GOVERNMENT OF NAGALAND**

**DIRECTORATE OF ECONOMICS & STATISTICS**

**NAGALAND: KOHIMA**

 Kohima, Dated the 28th Nov. 2022.

1. **Index of Industrial Production, Nagaland ( October 2022)**

 **(Base 2011-12=100)**

* 1. The Index of Industrial Production (IIP) with base 2011-12 for the State of Nagaland is compiled and estimated by Directorate of Economics and Statistics (DES), Nagaland, Kohima. Following a time lag of 4 week, DES release State IIP on the 28th day of every month or the previous working day if the 28th day is a non working day.
	2. The manufacturing data are directly collected from the producing factories. All together there are nine items for construction of manufacturing index.
	3. Electricity data are gathered from the national power portal.
	4. Mining data are obtained from Directorate of Geology and Mining. Coal is the only item for construction of Mining Index.
	5. The construction of IIP is done in a step by step manner with the used of previous level of indices as indicated below;
1. The Item level indices are obtained by multiplying the production relative with 100.
2. The subsequent level of indices till general IIP is obtained by the weighted Arithmetic mean of the previous level of indices.
3. **Quick Estimate of Index of Industrial Production for the Month of October, 2022. (Base 2011-12=100)**

**Current Month Index**

* 1. The quick estimate of Index of Industrial Production (IIP) with base 2011-12 for the month of October 2022 is estimated and released on 28th Nov. 2022.
	2. The general Index of IIP for the month of October 2022 (Quick Estimates) is estimated to have decreased from 194.22 in September to 140.11 in October. The decrease in the general Index of IIP was due to the decrease in the index of Manufacturing and Electricity.
	3. During the month of October 2022, the Manufacturing sector index is estimated to have fallen from 349.76 in September to 235.89 in October. The fall in the index of manufacturing has come from the fall in the production of Maida, Wheat flour, Rice raw, Rice husked and Plywood.
	4. The monthly generation of electricity as reported by National Power Portal show that, the generation of electricity has decreased from 29.42 MW in September 2022 to 21.18 MW in October 2022. Consequently, Electricity sector index is estimated to have decreased from 154.27 in September 2022 to 111.06 in October 2022.
	5. In the Mining sector, during the month of October 2022 the production of Coal has increased from 3800 MT in September to 5600 MT in October 2022. As a result, the Index of Mining is estimated to have increased from 114.66 in September 2022 to 168.98 in October 2022.
1. **Growth of IIP over the Corresponding month of the Previous Year.**
	1. The general Index of IIP for the month of October 2022 (Quick Estimates) was estimated at 140.11. The general index of IIP registers a growth of 10.21 percent over the corresponding month of the previous year index as shown in **Table-4.**
	2. The indices of Industrial Production for Manufacturing, Electricity and Mining sectors for the month of October 2022 was estimated at 235.89, 111.06 and 168.98 respectively and the corresponding growth over October 2021 were estimated at -13.04 percent, 177.59 percent and -81.82 percent as reflected in **Table-1,2 and 3.**
	3. During the month of October 2022, at the Item level, Rice raw, Rice husked, Timber/wooden planks, sawn/resawn and Stone chips registered a positive growth over the corresponding month of the previous year.
	4. During the estimation of Q.E of IIP for the month of October 2022, the production of Rice husked for the month of September 2022 was revised upward. Consequently, the General index of IIP for the month of September 2022 was revised upward from 193.48 (Q.E) to 194.22 (R.E). The IIP for the month of August 2022 remained unchanged at 161.01.
	5. Summary of the Indices at different level of National Industrial Classification (NIC-2008) for the month of October 2022 of the Q.E of IIP at sectoral level is presented in the **Table-5**.

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|  |  |  | Table-1 |
| **INDEX OF INDUSTRIAL PRODUCTION (sectoral) (Base:2011-12=100)** |
| Month | **Manufacturing (Weight=212.98)** |
| 2021-22 | 2022-23 | Growth over the corresponding month of the previous year |
| April | 288.01 | 282.84 | -1.79 |
| May  | 313.05 | 314.01 | 0.31 |
| June | 260.94 | 340.10 | 30.34 |
| July | 250.03 | 357.65 | 43.04 |
| August | 316.09 | 358.29 | 13.35 |
| September | 418.50 | 349.76 | -16.43 |
| October | 271.27 | 235.89 | -13.04 |
| November | 342.97 |   |  |
| December | 330.66 |   |  |
| January | 299.98 |   |  |
| February | 328.92 |   |  |
| March | 313.82 |   |  |

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| Table-2 |
| **INDEX OF INDUSTRIAL PRODUCTION (sectoral) (Base:2011-12=100)** |
| Month | **Electricity (Weight=744.45)** |
| 2021-22 | 2022-23 | Growth over the corresponding month of the previous year |
| April | 22.50 | 10.70 | -52.45 |
| May  | 15.31 | 71.74 | 368.49 |
| June | 31.04 | 132.62 | 327.20 |
| July | 91.77 | 214.74 | 134.00 |
| August | 123.81 | 102.73 | -17.03 |
| September | 83.01 | 154.27 | 85.85 |
| October | 40.01 | 111.06 | 177.59 |
| November | 32.77 |   |  |
| December | 29.42 |   |  |
| January | 20.77 |   |  |
| February | 20.19 |   |  |
| March | 16.94 |   |  |

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| Table-3 |
| **INDEX OF INDUSTRIAL PRODUCTION (sectoral) (Base:2011-12=100)** |
| Month | **Mining (Weight=42.57)** |
| 2021-22 | 2022-23 | Growth over the corresponding month of the previous year |
| April | 974.65 | 796.62 | -18.27 |
| May  | 561.56 | 609.53 | 8.54 |
| June | 796.62 | 226.31 | -71.59 |
| July | 322.87 | 196.14 | -39.25 |
| August | 844.90 | 193.12 | -77.14 |
| September | 920.34 | 114.66 | -87.54 |
| October | 929.39 | 168.98 | -81.82 |
| November | 1044.05 |   |  |
| December | 944.48 |   |  |
| January | 1116.47 |   |  |
| February | 974.65 |   |  |
| March | 983.70 |   |  |

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| Table-4 |
| **INDEX OF INDUSTRIAL PRODUCTION (sectoral) (Base:2011-12=100)** |
| Month | **General (Weight=1000)** |
| 2021-22 | 2022-23 | Growth over the corresponding month of the previous year |
| April | 119.58 | 102.11 | -14.60 |
| May  | 101.98 | 146.23 | 43.39 |
| June | 112.60 | 180.80 | 60.57 |
| July | 135.31 | 244.38 | 80.60 |
| August | 195.46 | 161.01 | -17.63 |
| September | 190.11 | 194.22 | 2.16 |
| October | 127.13 | 140.11 | 10.21 |
| November | 141.89 |   |  |
| December | 132.53 |   |  |
| January | 128.09 |   |  |
| February | 126.57 |   |  |
| March | 121.32 |   |  |

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|  **Table-5****SUMMARY OF INDICES AT DIFFERENT LEVEL OF NIC** |  |  |  |
| NPCMS/NIC-code |   | APRL | MAY | JUNE | JULY | AUG | SEP | OCT |
| 2311001 | Maida | 120.07 | 112.86 | 139.28 | 175.28 | 167.42 | 145.00 | 133.15 |
| 2311003 | Wheat flour | 120.08 | 122.99 | 278.16 | 249.72 | 257.16 | 182.44 | 176.43 |
| 2316106 | Rice raw | 9116.81 | 9734.16 | 13554.21 | 14069.54 | 13080.93 | 13608.13 | 8739.14 |
| 2316203 | Rice husked | 132.68 | 135.27 | 134.57 | 200.53 | 186.66 | 206.82 | 128.97 |
| 3110002 | Timber/wooden planks, sawn/resawn | 153.82 | 153.82 | 145.53 | 88.04 | 76.25 | 110.20 | 170.41 |
| 3151001 | Plywood | 156.95 | 183.48 | 138.88 | 148.49 | 168.67 | 151.91 | 101.73 |
| 1532005 | Stone chip | 29.03 | 55.79 | 45.31 | 51.12 | 63.15 | 57.84 | 75.19 |
| 3732001 | Bricks others | 125.24 | 125.24 | 125.24 | 125.24 | 0.00 | 125.24 | 125.24 |
| 106 | Manufacture of grain mill products,starches and starches products | 2029.85 | 2160.59 | 3023.34 | 3148.89 | 2936.33 | 3025.30 | 1969.05 |
| 161 | Sawmilling and planning of wood | 153.82 | 153.82 | 145.53 | 88.04 | 76.25 | 110.20 | 170.41 |
| 162 | Manufacture of product of wood, cork, straw and plaiting materials | 156.95 | 183.48 | 138.88 | 148.49 | 168.67 | 151.91 | 101.73 |
| 239 | Manufacture of non-metallic mineral products n.e.c | 64.16 | 69.93 | 67.67 | 68.93 | 13.63 | 70.38 | 74.12 |
| 10 | Manufacture of food products | 2030.23 | 2161.00 | 3023.91 | 3149.49 | 2936.89 | 3025.87 | 1969.42 |
| 16 | Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 156.83 | 182.32 | 139.14 | 146.12 | 165.05 | 150.28 | 104.42 |
| 23 | Manufacture of other non-metallic mineral products | 64.15 | 69.92 | 67.66 | 68.92 | 13.63 | 70.37 | 74.11 |
| Mfg | Manufacturing | 282.84 | 314.01 | 340.10 | 357.65 | 358.29 | 349.76 | 235.89 |
| Electricity | Electricity | 10.70 | 71.74 | 132.62 | 214.74 | 102.73 | 154.27 | 111.06 |
| Mining | Mining | 796.62 | 609.53 | 226.31 | 196.14 | 193.12 | 114.66 | 168.98 |
| Gen IIP | General IIP | 102.11 | 146.23 | 180.80 | 244.38 | 161.01 | 194.22 | 140.11 |

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