Summary of outcome variables

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Outcome Variable | Source | Outcome Type | No. of Obs. | Min Value | 25th Percentile | Median Value | 75th Percentiile | Max. Value | Mean Value | Std. Deviation |
| Aerosole Radius | B | environment | 854 | 0 | 8.12 | 15.55 | 25.6 | 74.51 | 18.96 | 15.88 |
| Aerosole Optical thickness | B | environment | 854 | 0.14 | 0.28 | 0.36 | 0.52 | 0.73 | 0.39 | 0.15 |
| Nitrogen Dioxide | B | environment | 854 | 69.82 | 137.25 | 167 | 207 | 370.11 | 175.63 | 58.9 |
| Rural HH Poverty Rate | C | equality | 1661 | 0.1 | 0.41 | 0.6 | 0.78 | 1 | 0.59 | 0.23 |
| Rural + Urban HH Poverty Rate | C | equality | 1661 | 0.15 | 0.43 | 0.59 | 0.74 | 0.98 | 0.59 | 0.2 |
| Urban HH Poverty Rate | C | equality | 1626 | 0.12 | 0.43 | 0.58 | 0.75 | 0.98 | 0.59 | 0.2 |
| Female Employment Rate | D | inclusion | 854 | 8.7 | 20.72 | 33 | 42.88 | 61.19 | 32.31 | 13.2 |
| Total Employment Rate | D | inclusion | 854 | 33.1 | 40.9 | 48 | 53.39 | 65.34 | 47.55 | 7.65 |
| Female wage earners | D | inclusion | 854 | 4.7 | 12 | 19.8 | 36.56 | 92.55 | 27.54 | 21.27 |
| Total wage earners | D | inclusion | 854 | 10.75 | 22.8 | 31.4 | 46.75 | 95.96 | 37.05 | 19.71 |
| Female Self Employed | D | inclusion | 854 | 0.9 | 2.5 | 4.2 | 7.28 | 35.84 | 6.15 | 6.15 |
| Total Self Employed | D | inclusion | 854 | 0.9 | 2.1 | 3 | 4.3 | 16.54 | 3.74 | 2.65 |
| Percent employed (total) | C | inclusion | 1626 | 0.38 | 0.49 | 0.56 | 0.63 | 0.78 | 0.56 | 0.09 |
| Percent females employed (total) | C | inclusion | 1626 | 0.03 | 0.19 | 0.31 | 0.46 | 0.69 | 0.32 | 0.17 |
| Percent regular wage employed (total) | C | inclusion | 1626 | 0.01 | 0.07 | 0.12 | 0.19 | 0.5 | 0.14 | 0.1 |
| Percent females regular wage employed (total) | C | inclusion | 1626 | 0 | 0.03 | 0.06 | 0.13 | 0.53 | 0.1 | 0.11 |
| Female Farm Employed (percent) | D | inclusion | 854 | 1.77 | 53.11 | 73.85 | 84.1 | 95.5 | 66.17 | 22.98 |
| Total Farm Employed (percent) | D | inclusion | 854 | 1.39 | 49 | 64.55 | 73.79 | 89.6 | 59.13 | 19.85 |
| Female Non-Farm Employed | D | inclusion | 854 | 6.1 | 15.9 | 26.15 | 46.84 | 99.15 | 33.7 | 22.83 |
| Total Non-Farm Employed | D | inclusion | 854 | 11.75 | 26.21 | 35.42 | 50.9 | 99.06 | 40.79 | 19.84 |

Summary of Market Variables

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Growth Rate of Consumption | C | welfare | 1236 | -0.48 | -0.03 | 0.08 | 0.2 | 0.82 | 0.09 | 0.18 |
| Log of Rural + Urban HH Consumption | C | welfare | 1661 | 5.88 | 6.2 | 6.36 | 6.53 | 7 | 6.37 | 0.24 |
| Log GDP | E | welfare | 854 | 3.95 | 5.81 | 6.39 | 7.07 | 8.71 | 6.36 | 1.07 |
| Log GDP per capita | E | welfare | 854 | 4.56 | 5.43 | 5.84 | 6.21 | 7.15 | 5.79 | 0.61 |
| Light Intensity (area) | F | welfare | 854 | -1.56 | 0.96 | 1.81 | 2.39 | 5.43 | 1.66 | 1.18 |
| Light Intensity per 1000 ppl | F | welfare | 854 | -0.28 | 1.93 | 2.77 | 3.35 | 4.18 | 2.55 | 1.02 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Market Variable | Source | Market Type | No. of Obs. | Min Value | 25th Percentile | Median Value | 75th Percentiile | Max. Value | Mean Value | Std. Deviation |
| HH Access to Banking Services | G | Capital market | 1708 | 7.2 | 24.26 | 32.6 | 44.05 | 76 | 34.86 | 14.09 |
| Private Non-Agri Enterprise Finance | H | Capital market | 1708 | 0.1 | 1.5 | 2.75 | 4.5 | 19.8 | 3.61 | 3.21 |
| 7+ Literacy Rate | D | Labor market | 1708 | 30.5 | 55.7 | 63.6 | 72.3 | 95.8 | 63.5 | 12.66 |
| Secondary Education Complete (percent of pop.) | I | Labor market | 1708 | 3.4 | 17 | 22.8 | 28.95 | 47.4 | 23.2 | 8.46 |
| Cropland (percent of area) | A | Land market | 1708 | 0 | 29.05 | 60.1 | 88.3 | 99.2 | 56.79 | 32.25 |
| Non-Agri Diversification index | H | Product market | 1708 | 2.3 | 3.6 | 4.7 | 5.87 | 9.7 | 4.83 | 1.5 |
| Private Non-Agri Enterprise (percent of establishments) | H | Product market | 1708 | 62.3 | 90.7 | 93.6 | 95.8 | 99.3 | 92.5 | 4.79 |
| Food/Beverage/Tobacco Manufacturing (percent) | J | Product market | 1708 | 1.6 | 13.2 | 20.8 | 32.25 | 94.1 | 25.31 | 17.34 |

List of Sources

| Source Code | Name |
| --- | --- |
| A | Source: MODIS Land Cover Type I product (MODIS). Information and images obtained from National Aeronautics and Space Administration (NASA) Land Processes Distributed Active Archive Center (LP DAAC), USGS/Earth Resources Observation and Science (EROS) Center, Sioux Falls, South Dakota, https://lpdaac.usgs.gov/data\_access. |
| B | National Aeronautics and Space Administration (NASA) Earth Observations (NEO-ND), http://neo.sci.gsfc.nasa.gov/view.php?datasetId=AURA\_NO2\_M. |
| C | Labour Force Survey |
| D | Census of India–Primary Census Abstract (PHC–PCA), Office of the Registrar General and Census Commissioner, India, http://censusindia.gov.in. |
| E | State-wise Gross District Domestic Product (DDP), Directorate of Economics and Statistics, Planning Commission, Government of India, http://planningcommission.nic.in/plans/stateplan/index.php?state=ssphdbody.htm. |
| F | DSMP-OLS Radiance Calibrated Nighttime Lights (RCNTL). National Oceanic and Atmospheric Administration’s National Geophysical Data Center (NGDC), http://ngdc.noaa.gov/eog/dmsp/download\_radcal.html. |
| G | Census of India–Houselisting and Housing Census (PHC–HH), Office of the Registrar General and Census Commissioner, India, http://censusindia.gov.in. |
| H | Economic Census (EC) of 2005, Central Statistical Office, Ministry of Statistics & Programme Implementation of India, http://164.100.34.62/index.php/catalog/21/. |
| I | The Household Consumption Expenditure Survey of National Sample Survey (NSS–HCE), National Sample Survey Office (NSSO), the Ministry of Statistics and Programme Implementation, Government of India, http://mospi.nic.in/Mospi\_New/site/inner.aspx?status=2&menu\_id=71. |
| J | Annual Survey of Industries (ASI), Central Statistical Office (Industrial Statistics Wing), the Ministry of Statistics and Programme Implementation, Government of India, http://mospi.nic.in/Mospi\_New/site/inner.aspx?status=2&menu\_id=92 |