ग्रामीण विकास मंत्रालय
भारत सरकार
MINISTRY OF RURAL DEVELOPMENT
GOVERNMENT OF INDIA

NATIONAL RURAL EMPLOYMENT GUARANTEE ACT(NREGA)

BY FEMI OLAYEMI

OVERVIEW

NREGA, or the National Rural Employment Guarantee Act, is a social security measure implemented by the Indian government to provide guaranteed employment to rural households

To ensure livelihood security in rural areas by providing at least 100 days of wage employment to every household in a financial year.

PROJECT OBJECTIVE

This project delves into the analysis of data related to the
National Rural Employment Guarantee Act
(NREGA), a transformative government scheme aimed at
providing rural households with guaranteed
wage employment opportunities. The dataset used for this
analysis encompasses a wide range of
parameters, including the number of job cards issued, the
workforce engaged, budget allocation, work
completion statistics, and much more. Through the application
of data analytics techniques, we aim to
gain valuable insights into the implementation and impact of
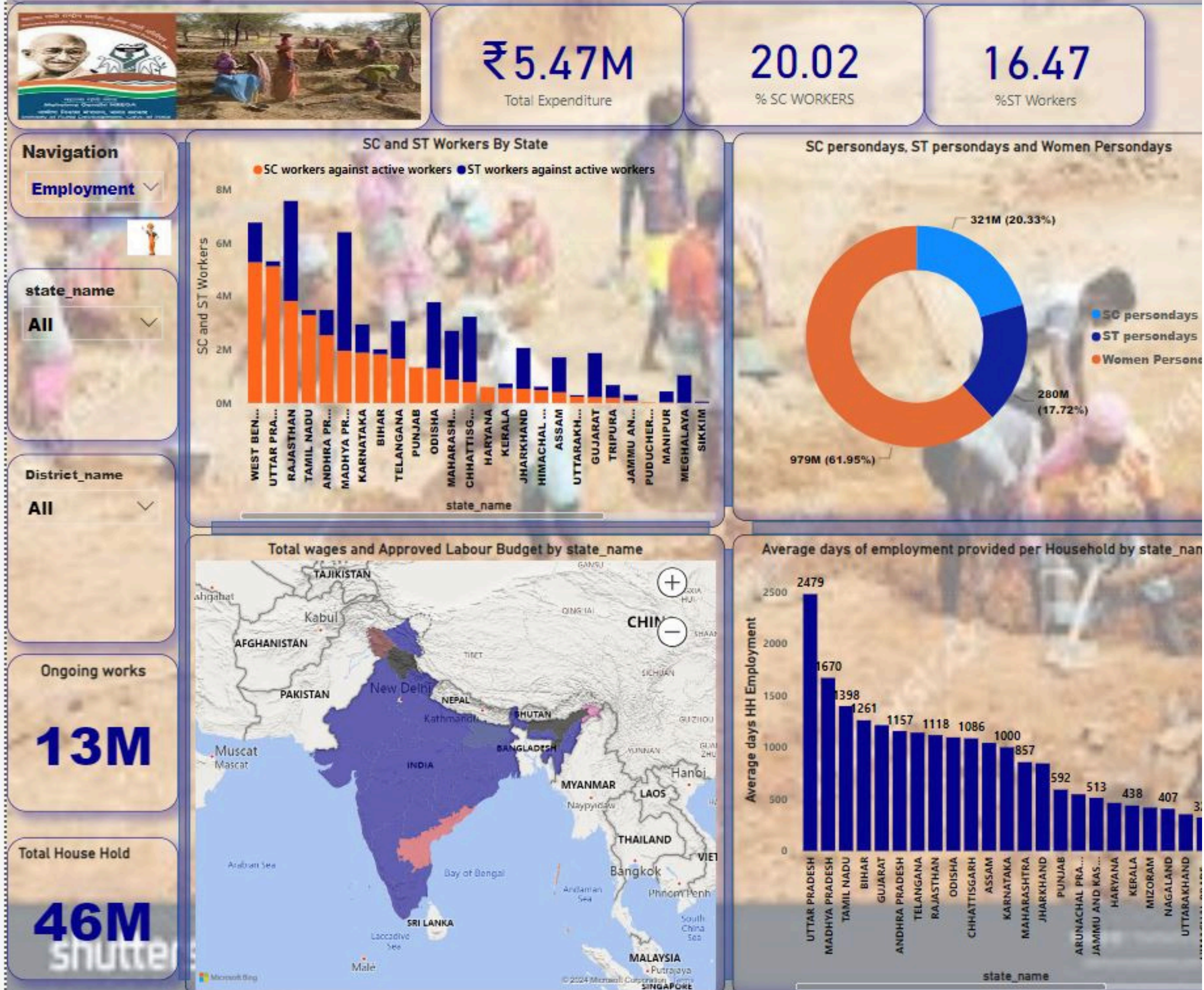NREGA across different states and districts
in India.

DATASET INFORMATION

THE DATASET USED FOR THIS ANALYSIS IS SOURCED FROM OFFICIAL GOVERNMENT RECORDS AND CONTAINS INFORMATION
RELATED TO NREGA IMPLEMENTATION ACROSS VARIOUS STATES AND DISTRICTS IN INDIA. IT COMPRISES 28 COLUMNS,
ENCOMPASSING DATA ON JOB CARDS, WORKER DETAILS, BUDGET ALLOCATION, WORK COMPLETION STATISTICS,
EXPENDITURE, AND MORE. THIS DATASET OFFERS A COMPREHENSIVE VIEW OF THE PROGRESS AND CHALLENGES FACED
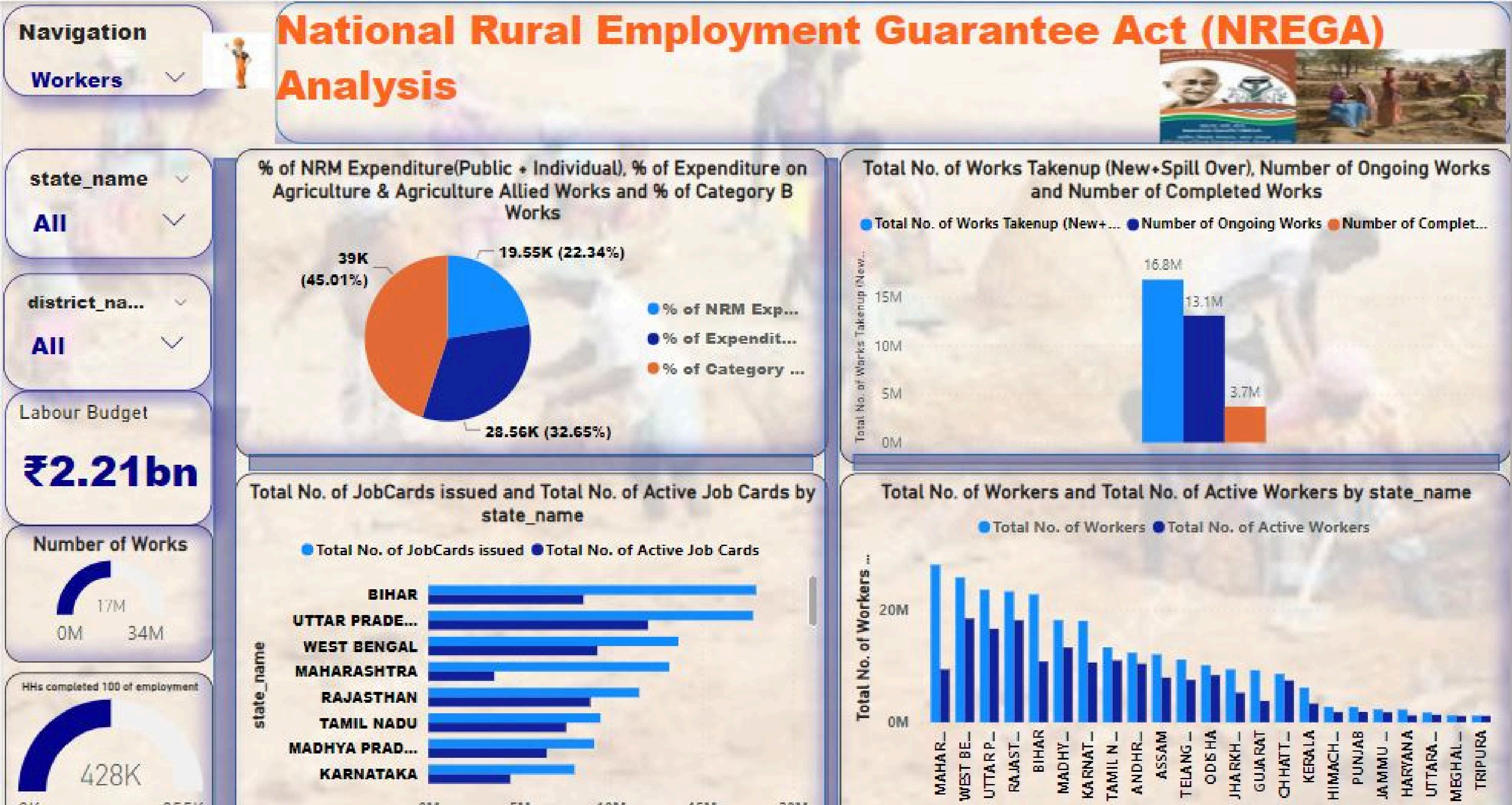BY THE NREGA PROGRAM

National Rural Employment Guarantee Act (NREGA) Analysis

₹5.47M — Total Expenditure

20.02 — % SC WORKERS

16.47 — %ST Workers

Navigation

Employment

state_name
All

District_name
All

Ongoing works
13M

Total House Hold
46M

SC and ST Workers By State
- SC workers against active workers
- ST workers against active workers

State names: WEST BEN..., UTTAR PRA..., RAJASTHAN, TAMIL NADU, ANDHRA PR..., MADHYA PR..., KARNATAKA, BIHAR, TELANGANA, PUNJAB, ODISHA, MAHARASH..., CHHATTISG..., KERALA, HARYANA, JHARKHAND, HIMACHAL ..., ASSAM, UTTARAKH..., GUJARAT, TRIPURA, JAMMU AN..., PUDUCHER..., MANIPUR, MEGHALAYA, SIKKIM

SC persondays, ST persondays and Women Persondays
- 321M (20.33%) — SC persondays
- 280M (17.72%) — ST persondays
- 979M (61.95%) — Women Persondays

Total wages and Approved Labour Budget by state_name

Average days of employment provided per Household by state_name

Values: 2479, 1670, 1398, 1261, 1157, 1118, 1086, 1000, 857, 592, 513, 438, 407

State names: UTTAR PRADESH, MADHYA PRADESH, TAMIL NADU, BIHAR, GUJARAT, ANDHRA PRADESH, TELANGANA, RAJASTHAN, CHHATTISGARH, ODISHA, ASSAM, KARNATAKA, MAHARASHTRA, JHARKHAND, PUNJAB, ARUNACHAL PRA..., JAMMU AND KAS..., HARYANA, KERALA, MIZORAM, NAGALAND, UTTARAKHAND

National Rural Employment Guarantee Act (NREGA) Analysis

Navigation

Workers

state_name

All

district_na...

All

Labour Budget

₹2.21bn

Number of Works

0M — 17M — 34M

HHs completed 100 of employment

428K

% of NRM Expenditure(Public + Individual), % of Expenditure on Agriculture & Agriculture Allied Works and % of Category B Works

- 39K (45.01%)
- 19.55K (22.34%)
- 28.56K (32.65%)

- % of NRM Exp...
- % of Expendit...
- % of Category ...

Total No. of Works Takenup (New+Spill Over), Number of Ongoing Works and Number of Completed Works

- Total No. of Works Takenup (New+...
- Number of Ongoing Works
- Number of Complet...

- 16.8M
- 13.1M
- 3.7M

Total No. of JobCards issued and Total No. of Active Job Cards by state_name

- Total No. of JobCards issued
- Total No. of Active Job Cards

BIHAR
UTTAR PRADE...
WEST BENGAL
MAHARASHTRA
RAJASTHAN
TAMIL NADU
MADHYA PRAD...
KARNATAKA

Total No. of Workers and Total No. of Active Workers by state_name

- Total No. of Workers
- Total No. of Active Workers

20M

0M

MAHAR_ WEST BE_ UTTAR P_ RAJAST_ BIHAR MADHY_ KARNAT_ TAMIL N_ ANDHR_ ASSAM TELANG_ ODISHA JHARKH_ GUJARAT CHHATT_ KERALA HIMACH_ PUNJAB JAMMU_ HARYANA UTTARA_ MEGHAL_ TRIPURA

INSIGHTS

1. Work Completion and Ongoing Works

Madhya Pradesh:

Has the highest number of completed works under NREGA.

Uttar Pradesh:

Leads in the number of ongoing works.

Total No. of Works Takenup (New+Spill Over), Number of Ongoing Works and Number of Completed Works

● Total No. of Works Takenup (New+... ● Number of Ongoing Works ● Number of Complet...

16.8M

13.1M

3.7M

15M

10M

5M

0M

Total No. of Works Takenup (New...

INSIGHTS

2. Expenditure Comparison: Agriculture vs. NRM vs. Category B

Category B:

Accounts for 45% of the total expenditure.

Agriculture:

Makes up 32.65% of the total expenditure.

NRM (Natural Resource Management):

Constitutes 22.34% of the total expenditure.

% of NRM Expenditure(Public + Individual), % of Expenditure on Agriculture & Agriculture Allied Works and % of Category B Works
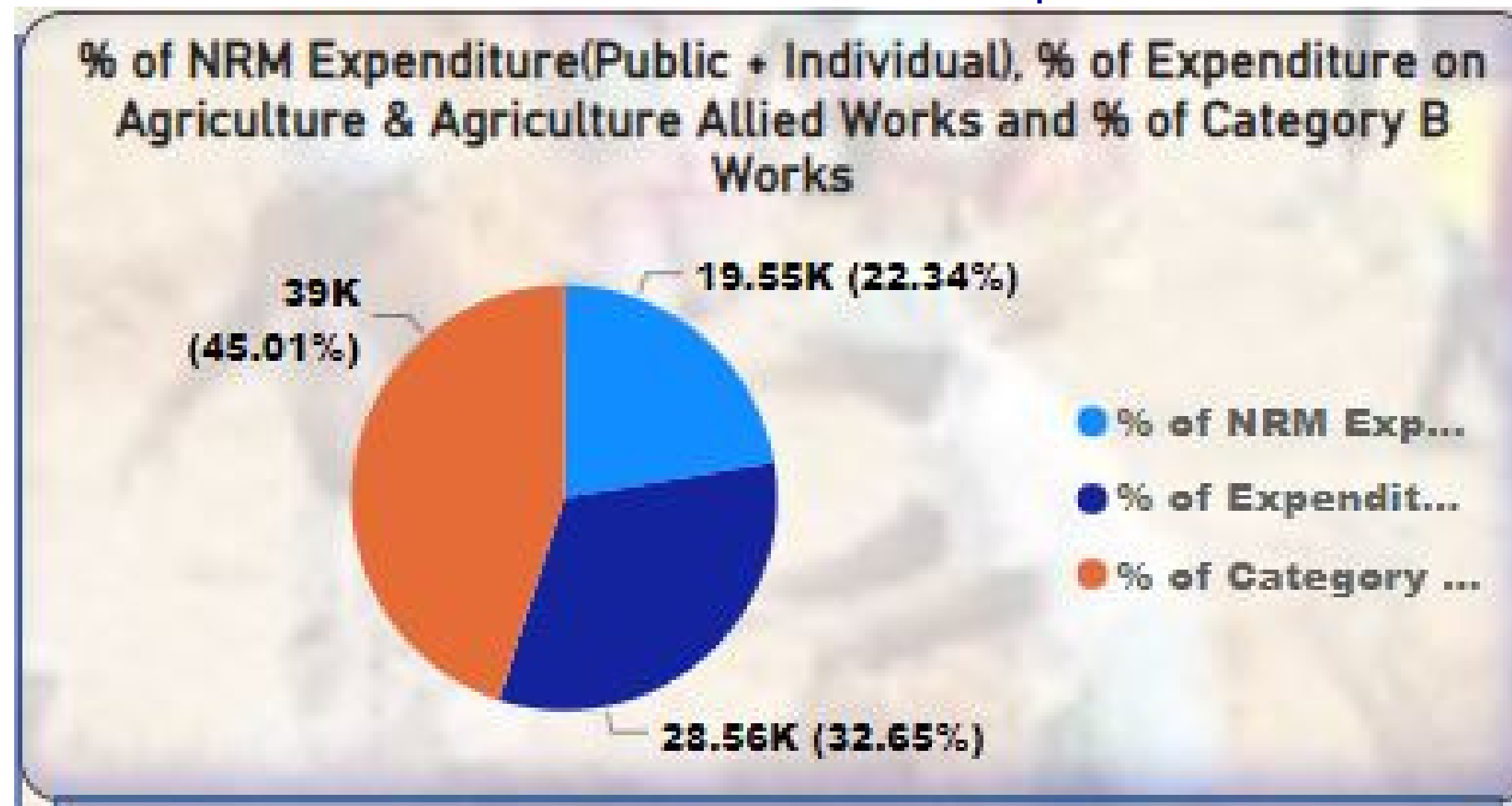
INSIGHTS

3. SC Persons Days, ST Persons Days, Women Persons Days
SC Persons makes up 20.33% of the Active workers
ST Persons makes up 17.22% of the Active workers
While Women persons make 61.95%

321M (20.33%)

SC persondays
ST persondays
Women Persondays

280M (17.72%)

979M (61.95%)
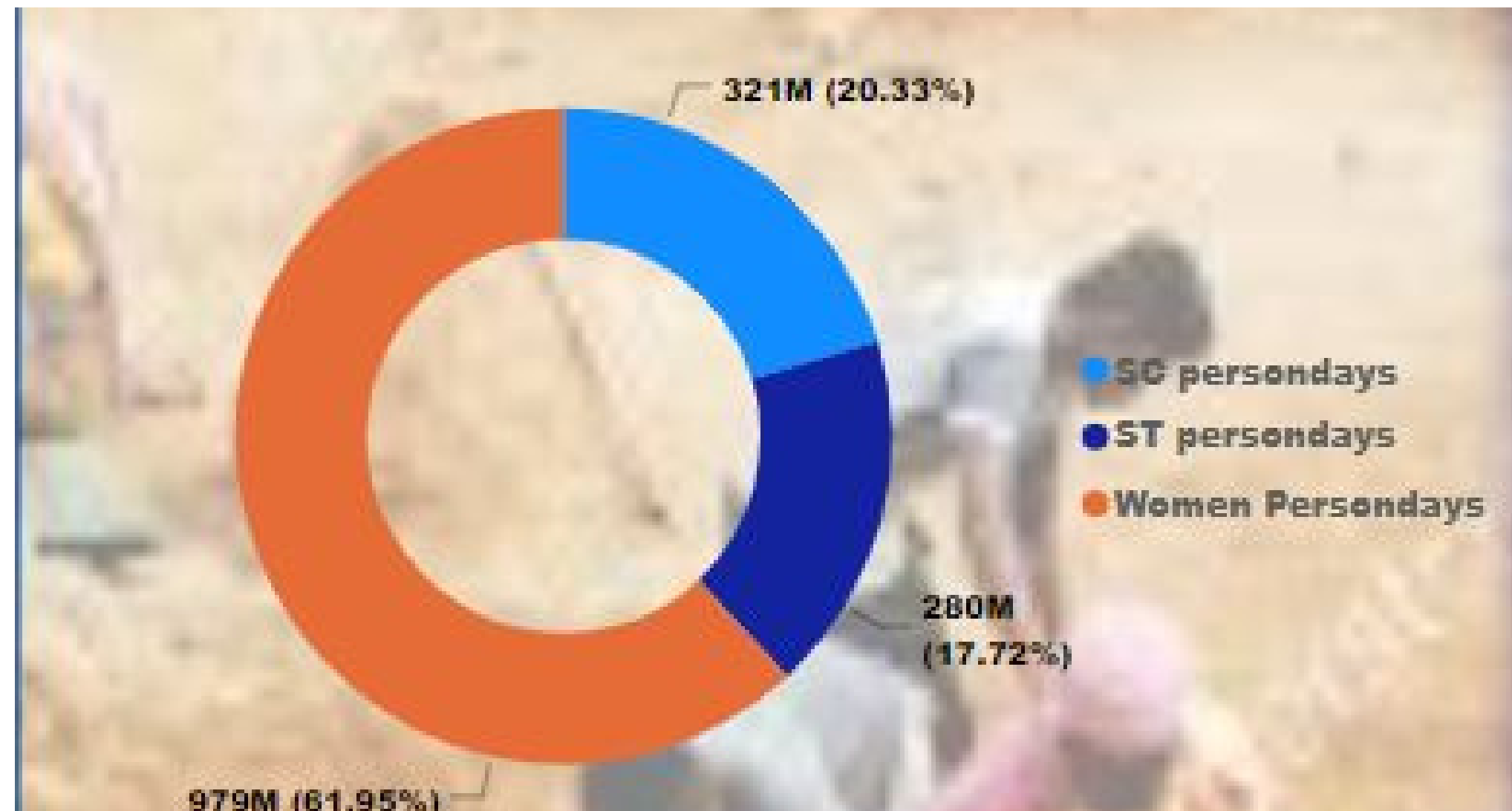
RECOMMENDATIONS

1. Overall Effectiveness

Observation: The NREGA program has proven effective in providing employment to many households, thereby enhancing their livelihood. Recommendation: Continue to support and expand the program, ensuring it reaches even more households across rural areas to further uplift the socio-economic status of rural communities.

RECOMMENDATIONS

2. Addressing Regional Disparities

Observation: Some states dominate in the effective distribution of jobs and wages, while others have lower distribution due to population and other factors.

Recommendation: Implement targeted interventions in states with lower distribution. This can include increasing funding, improving infrastructure, and enhancing administrative support to ensure more equitable distribution of jobs and wages across all states.

RECOMMENDATIONS
3. Investigate Low Completion of 100 Days of Employment

Observation: There is a low percentage of households completing the mandated 100 days of employment.

Recommendation:

Conduct Investigations: Identify and analyze factors contributing to the low completion rates. These factors could include administrative delays, lack of awareness, or inadequate project planning.

Enhance Monitoring: Strengthen monitoring mechanisms to ensure households can avail the full 100 days of employment. This can include regular field visits and audits.

Community Engagement: Engage with local communities to understand their challenges and provide necessary support and information to help them complete the employment duration.

RECOMMENDATIONS

4.Community Participation

Recommendation:

Participatory Planning: Involve local communities in the planning and execution of NREGA projects. This can ensure that the projects meet the actual needs of the communities and have better ownership and sustainability.

Feedback Mechanism: Establish a robust feedback mechanism where beneficiaries can voice their concerns and suggestions, leading to continuous improvement of the program.

THANK YOU