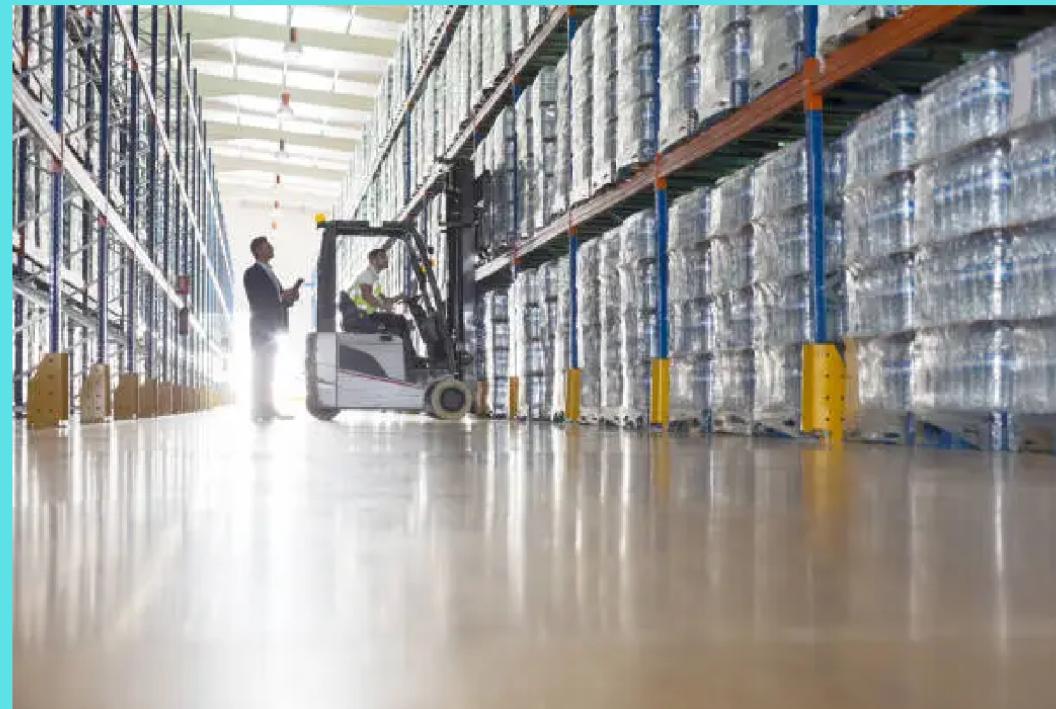


Telangana Data Analysis and Insights

1. E-stamp registration
2. Transportation
3. Investments in sectors -Ts-Ipass



Top 5 Sectors in FY 2022



Plastic and rubber



pharmaceuticals and chemicals



Real estate, industrial parks and IT buildings



solar and renewable energy



Engineering

Top 3 districts overall in terms of investments

- Rangareddy
- Sangareddy
- Medchal Malkajgiri

Factors:

1. Proximity to Major Cities
2. Industrial Zones and Parks
3. Infrastructure Development
4. Government Policies and Incentives
5. Sector-Specific Factors

sectors that have shown substantial investment in multiple districts between FY 2021 and 2022

1. Automobile
2. Solar and other renewable energy
3. Cement, Cement and Concrete products, Fly ash bricks
4. Agro based incl cold storages
5. Plastic and Rubber



Seasonality in investments

- Certain sectors see seasonality in the rise in the investments.
- For example, Automobile industry has seen a rise in investments in the year 2022 in the months of Jan and Oct . This might be due to the policy decisions by the govt. to increase the electric vehicles and also may be due to the holiday seasons.
- Agriculture sector has seen rise in investments during harvesting and sowing seasons (Rabi, Kharif crops)
- Other sectors have seen rise in investments due to various other factors such as product launch cycles, industry specific factors, and many more.

relationship between district investments, vehicles sales and stamps revenue

- -1 describes a perfect negative, or inverse, correlation, with values in one series rising as those in the other decline, and vice versa.
- 1 shows a perfect positive correlation, or a direct relationship
- 0 means there is no linear relationship.
- The closer the correlation coefficient is to zero the weaker the correlation.

The correlation coefficient between agriculture vehicle sales and e-stamp revenue based on all districts is -0.47 which means there is an inverse relation between the two.

Reasons may be:

1. Economic conditions
2. Agricultural Cycles
3. Government Policies
4. Technological Advances

Top 5 districts to buy commercial properties in Telangana



Hyderabad



Rangareddy



Sangareddy



Warangal urban



Medchal Malkajgirii

Stamp registration

Top 5 districts with highest document registration revenue growth between 2019-2022

1. Rangareddy
2. Medchal Malkajgiri
3. Hyderabad
4. Sangareddy
5. Hanumakonda

Top 5 districts where e-stamps revenue contributes significantly more to the revenue than the documents in FY 2022

1. Rangareddy
2. Hyderabad
3. Hanumakonda
4. Yadadri Bhuvanagiri
5. Khammam

Categories of districts based on e-stamp revenue

- **Above 30 crores**

- Rangareddy
- Medchal Malkajgiri
- Hyderabad
- Sangareddy

- **Between 5 cr and 30 cr**

- Hanumakonda
- Yadadri Bhuvanagiri
- Khammam
- Nalgonda
- Karimnagar
- ...

- **Less than 5 crores**

- Kamareddy
- Nagarkurnool
- Jangoan
- Rajanna Sircilla
- Vikarabad
- ...

Transportation

correlation between vehicle sales and specific months or seasons for fuel-type category

Electric vehicles :

Mar,Jan and Feb saw an increase

Diesel and Petrol vehicles:

Oct and Jun saw an increase

Analysis of sales of vehicles by different classes

1. Compared to 2021, the agricultural vehicles saw a dip in the sales in 2022 by 29.31%. June, Oct and July accounted for the majority of the decrease
2. The autorickshaw saw an increase of 75.18% in the sales between 2021 and 2022. Mar, Sep and Jun accounted for the majority of the increase.
3. Motor cycle constitutes 74.09% among different vehicle classes. But, it has seen a decrease of 12.98% in 2022 compared to 2021.
4. Motor car sales has seen a decline during the period 2021-2022.



Top 5 insights

- Pharmaceuticals and Chemicals has seen a significant drop of 68.20% during 2021-2022.
- Industrial Parks and IT Buildings was introduced as a sector in FY 2022 and saw an investment of 280.41 crores in Rangareddy.
- Compared to 2021, the agricultural vehicles saw a dip in the sales in 2022 by 29.31%. June, Oct and July accounted for the majority of the decrease. Nagarkurnool, Khammam, Nalgonda, Warangal and Suryapet saw a decrease in the sales between 2021 and 2022.
- Negative correlation between brand new vehicles and agricultural vehicles in the year 2022.
- There was an increase of 101.69% in the sales of electric vehicles during 2021-2022.
- Petrol and diesel vehicles have seen a decline of 13.98% and 1.63 % respectively during 2021-2022.

Significant policies or initiatives by Telangana government

- Telangana State Industrial Project Approval and Self Certification System (TS-iPASS).
- IT and Innovation
- Mission Bhagiratha program
- Rythu Bandhu and Rythu Bima
- Strengthening security apparatus

Top 5 recommendations

Some districts are doing poor in terms of revenue generation as per the analysis.

We need to promote equitable development.

Some of the measures which can help in revenue generation:

- Economic Diversification
- Investment in Infrastructure
- Education and Workforce Development
- Agricultural Modernization
- Strengthen tax administration
- Promotion of Tourism
- Expand financial inclusion programs
- Monitoring and Evaluation

thank
you!