

Latest Yearly { 2022 } Registered #Document & Revenue



Doc_Registered_count

1.207073M

Vs Previous Yearly
9.3%



Doc_Registered_amount

₹106.70bn

Vs Previous Yearly
26.9%



eStamp_Registered_count

1.254961M

Vs Previous Yearly
6.9%



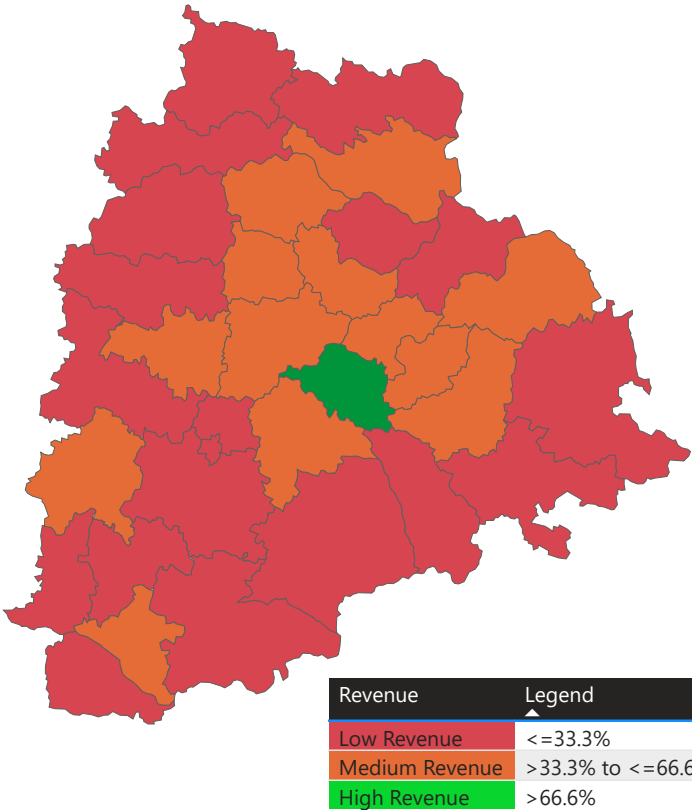
eStamp_Registered_amount

₹107.15bn

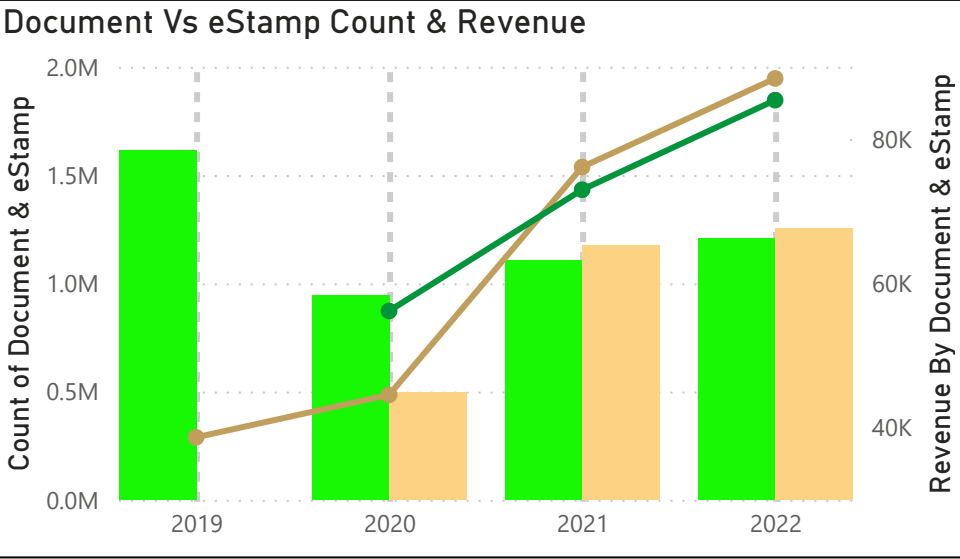
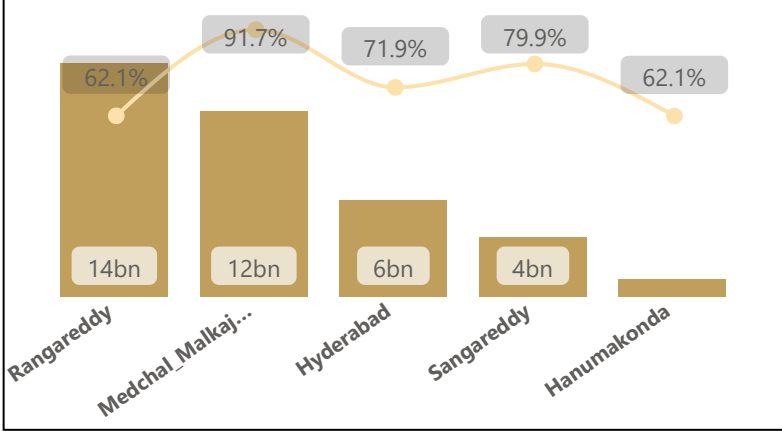
Vs Previous Yearly
25.1%

Latest Top 5 District Revenue Share out of total district		
Rangareddy	76,047,108,564	35.6%
Medchal Malkajgiri	47,639,706,838	22.3%
Hyderabad	28,640,327,473	13.4%
Sangareddy	16,532,805,623	7.7%
Hanumakonda	5,664,095,431	2.6%

Revenue Per District 2021 Vs 2022



Top 5 District 2019 Vs 2022 Document Revenue Change



Top 5 eStamp Share% Vs Documentation 2022 by district

Jangoan	50.6%
Nirmal	50.5%
Mancherial	50.5%
Rangareddy	50.4%
Kamareddy	50.4%

Latest Yearly { 2022 } Vehicles Sales Detail

Brand_new_Vehicles

1M

-11.5%


Vs Previous Period

Pre-owned_vehicles

139K

26.1%


Vs Previous Period

fuel_type_diesel

196K

-1.6%


Vs Previous

fuel_type_petrol

1M

-14.0%

Vs Previous

fuel_type_electric

63K

101.7%

Vs Previous

Fiscal Years High and Low Sales Month

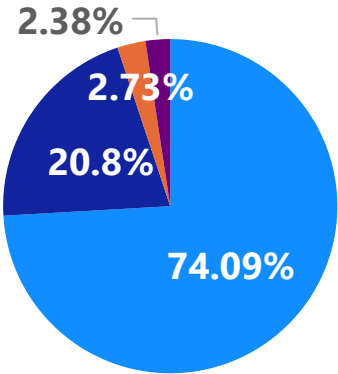
fiscal_year	Highest Sales Month	Lowest Sales Month
2019	Oct	Sep
2020	Oct	Apr
2021	Oct	May
2022	Mar	Feb

From 2019 to 2022, Highest vehicle sales month was October but in 2022 this pattern change for which many **factors** can be Whereas Lowest sales month is not fix year over year and it is varies

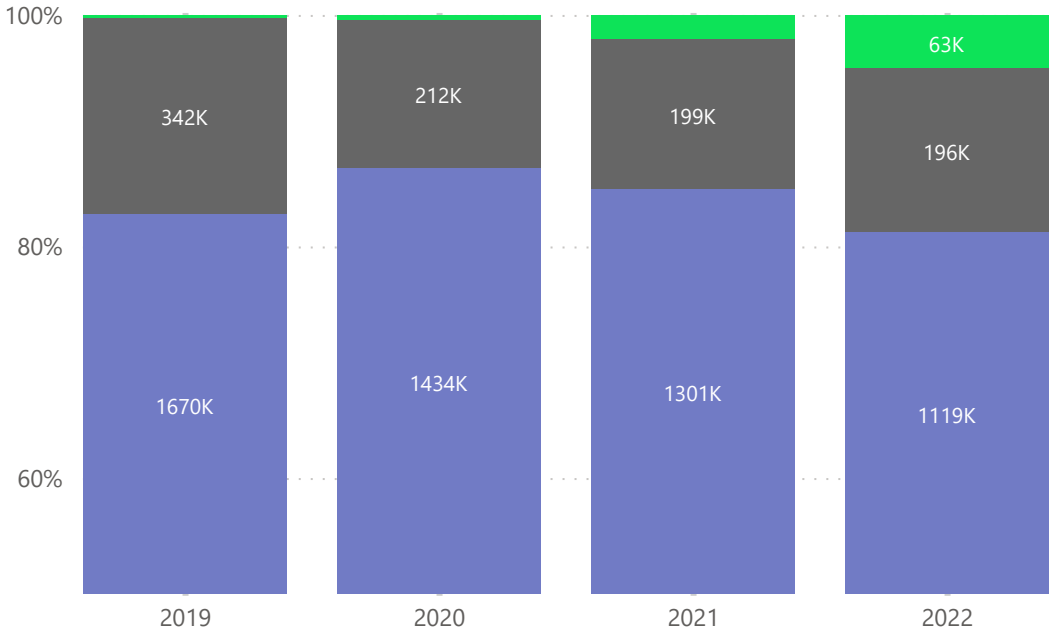
Ctrl+Click for Reason

Fiscal Year 2022 Vehicle Distribution

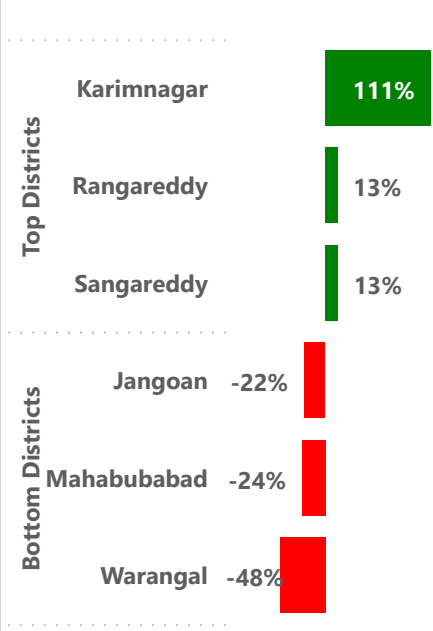
MotorCycle MotorCar Agriculture AutoRickshaw



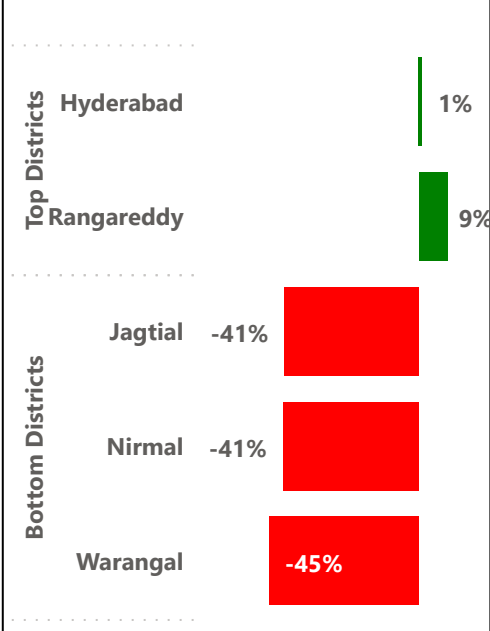
Fuel Type Vehicles



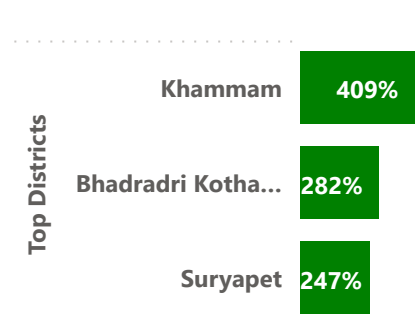
Diesel Vehicle Sales 2021 Vs 2022



Petrol Vehicle Sales 2021 Vs 2022



EV Vehicle Sales 2021 Vs 2022

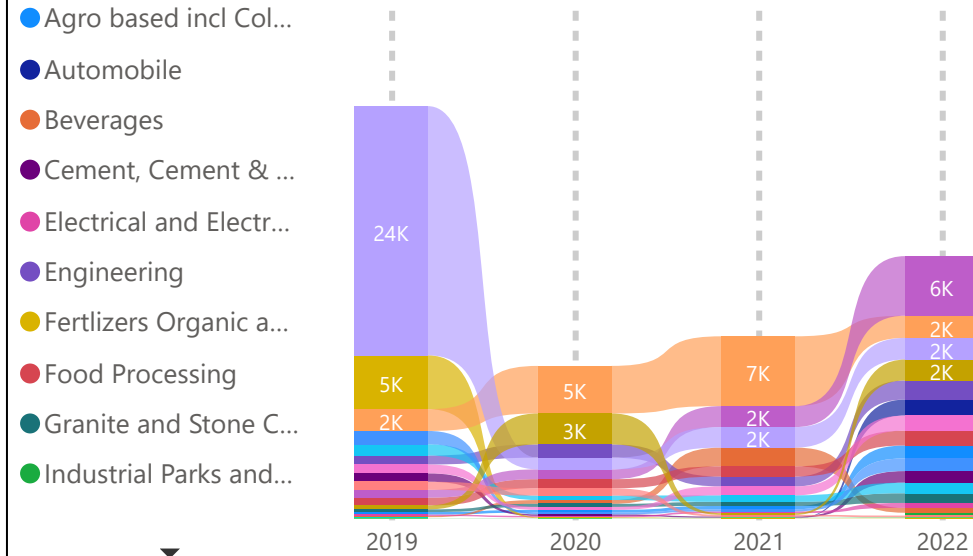


Comparing EV sales in 2022 with 2021, all districts have +ve growth in sales rate.

Decline in sales of Petrol & Diesel Vehicle started from 2021

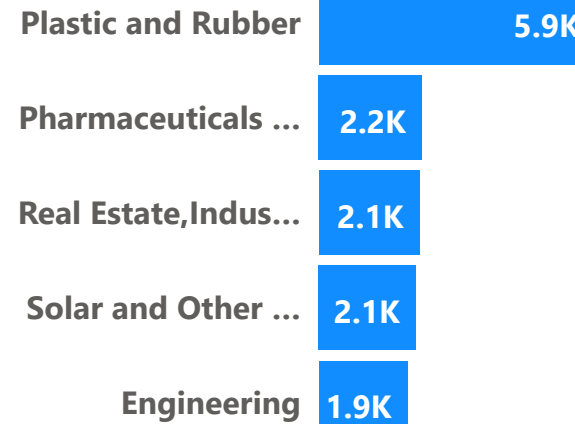
Monthly

Investment Per Sector Over Periods



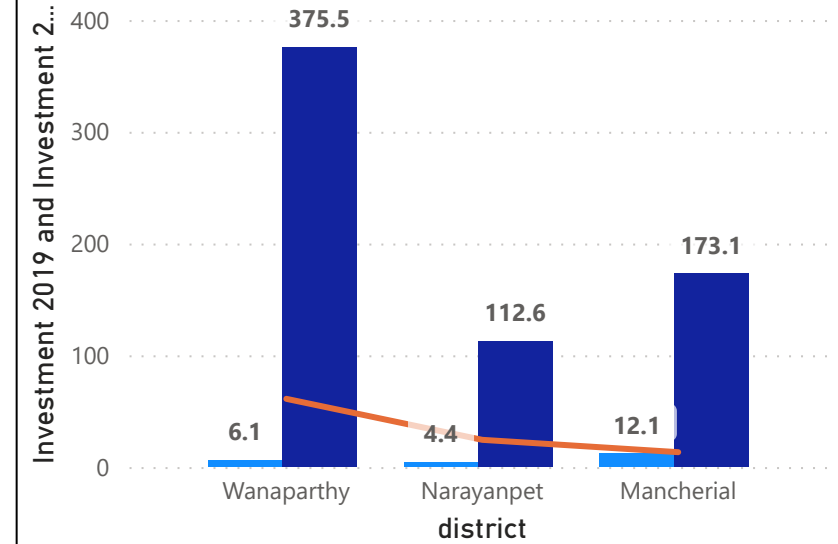
Quarterly

Investment(Cr) by sector in Fiscal Year 2022

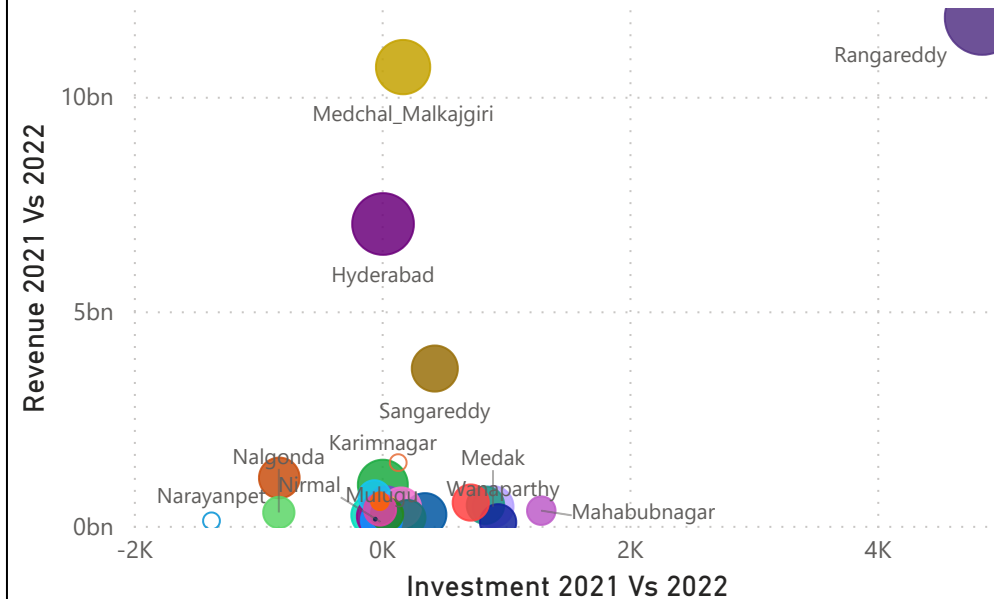


Yearly

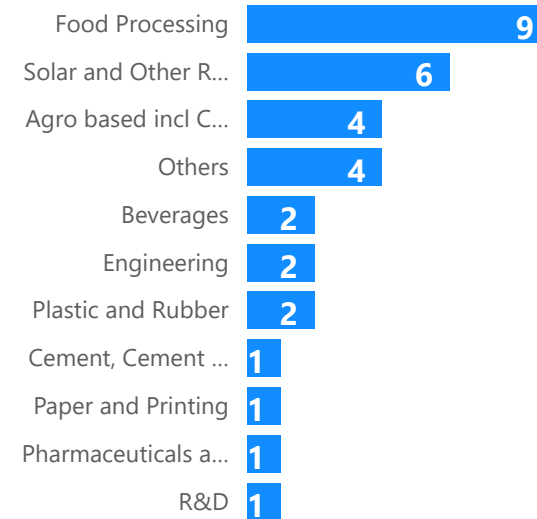
Investment 2019 Investment 2022 Investment 2019 Vs 2022



Investment & Revenue 2021 Vs 2022 by District



#District by Sector with Highest Investment between 2021 Vs 2022



In 2022, highest investment made in Plastic & Rubber sector where as in 2020 & 2021 Known for Covid-19, most of government investment is in Pharma sector

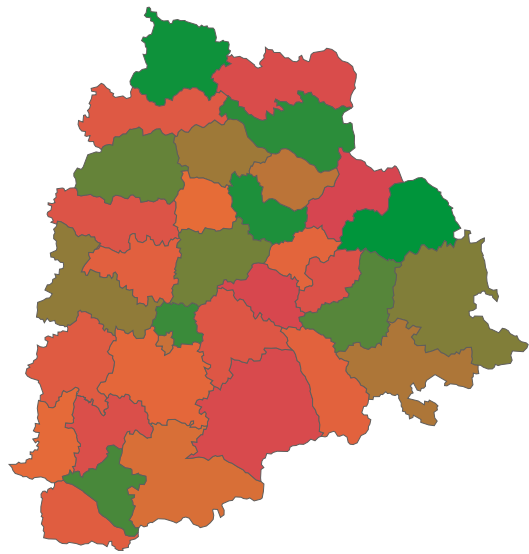
While comparing big increase in investment by sector in multiple district Food Processing and Solar & Other Renewable Energy sector is more focused in 2022 vs 2021

Stamp Registration Questionnaire:-

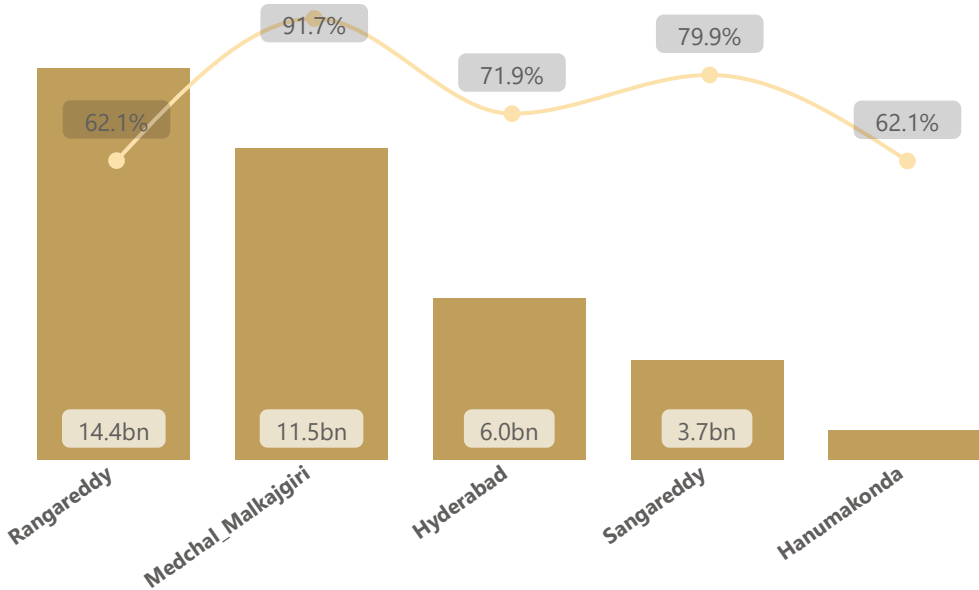
1. How does the revenue generated from document registration vary across districts in Telangana? List down the top 5 districts that showed the highest document registration revenue growth between FY 2019 and 2022.

Ans. If we compare Revenue based on Documents 2019 Vs 2022 following top 5 Districts have high revenue Rangareddy, Medchal_Malkajgiri, Hyderabad, Sangareddy and Hanumakonda

Revenue Per District by Document_% 2019 Vs 2022



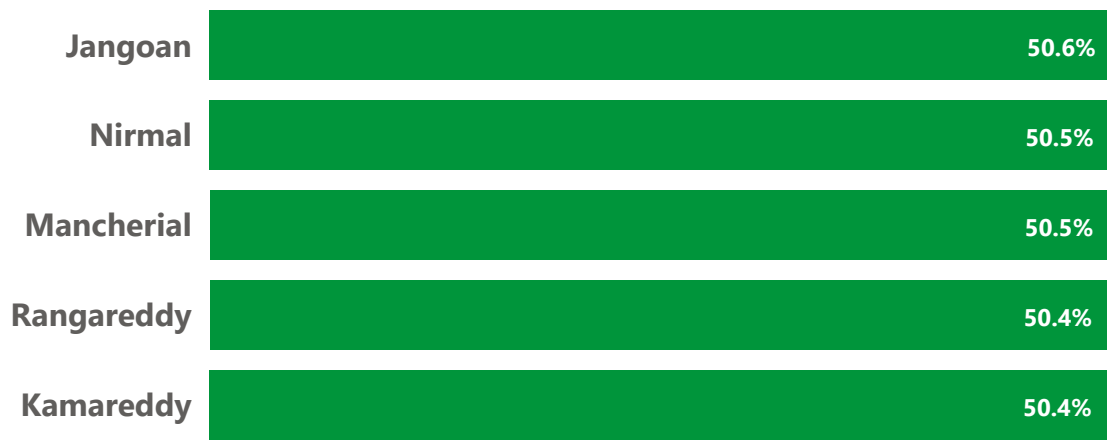
Top 5 District 2019 Vs 2022 Document Revenue Change



2.How does the revenue generated from document registration compare to the revenue generated from e-stamp challans across districts? List down the top 5 districts where e-stamps revenue contributes significantly more to the revenue than the documents in FY 2022?

Ans. Percentage share of Document and eStamp per district is close to 50% by revenue share in 2022 but hese top 5 districts which have estamp share higher than document revenue

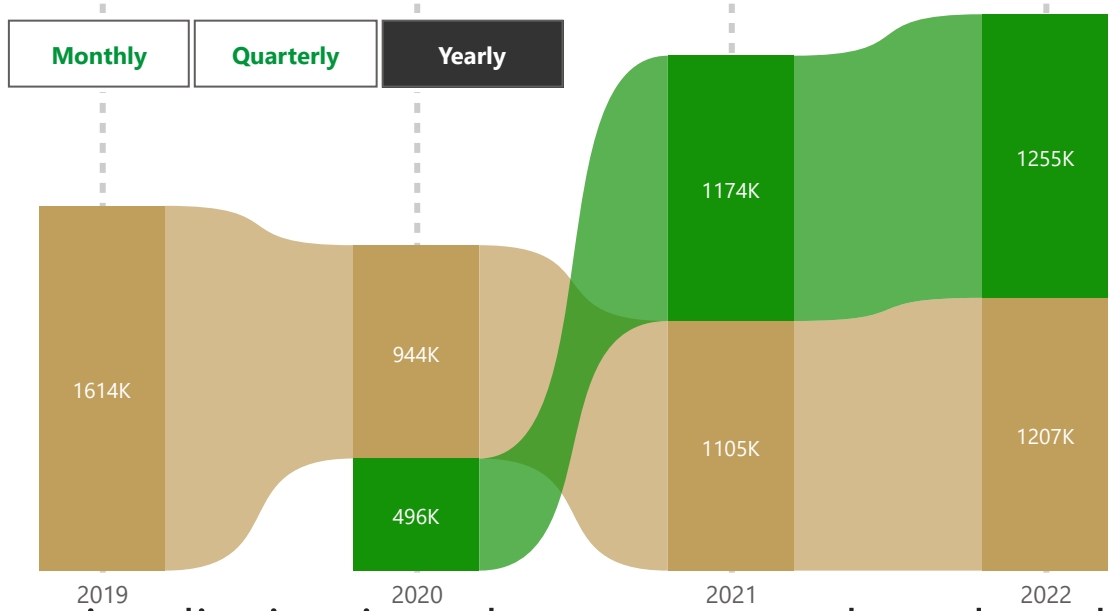
Top 5 eStamp Share% Vs Documention 2022 by district



3.Is there any alteration of e-Stamp challan count and document registration count pattern since the implementation of e-Stamp challan? If so, what suggestions would you propose to the government?

Ans. Since COVID-19 in 2109 & 2020 government eservice starts((Fiscal year 2020) and in no time eStamp count higher than document count(since 2021). In 2022 fiscal year most of districts document count is slight lesser than eStamp but in round figure both have 50% share of total revenue. Recommendation is to promote more eStamp service than document due to easy to implement and easy for consumer to use. Only awareness is required to use it

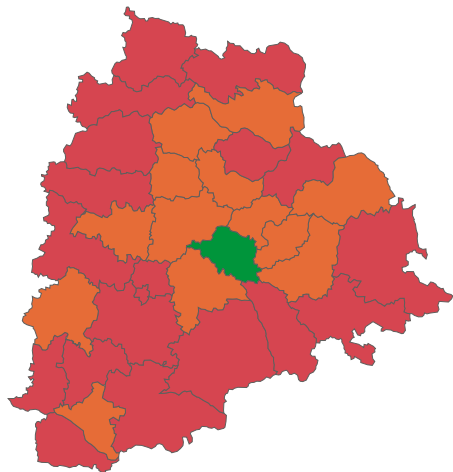
Count of Document & eStamp



4.Categorize districts into three segments based on their stamp registration revenue generation during the fiscal year 2021 to 2022.

Ans. Jangoan district have highest revenue in terms of percentage increase

Revenue Per District 2021 Vs 2022



Revenue	Legend
High Revenue	>66.6%
Medium Revenue	>33.3% to <=66.6%
Low Revenue	<=33.3%

Transport Questionnaire:-

5. Investigate whether there is any correlation between vehicle sales and specific months or seasons in different districts. Are there any months or seasons that consistently show higher or lower sales rate, and if yes, what could be the driving factors? (Consider Fuel-Type category only)

Ans. From fiscal year 2019 to 2021, October was the month when most of the vehicles sold where as in same time lowest month sales is not fixed and varies every year. Now in Fiscal year 2022, highest sales month changed from October to Mar which is an interesting to check why this happen- and major factor can be in crease in gasoline price and government support on EV's. There are many more factors which is mentioned in "Factors" sheet

Fiscal Years High and Low Sales Month

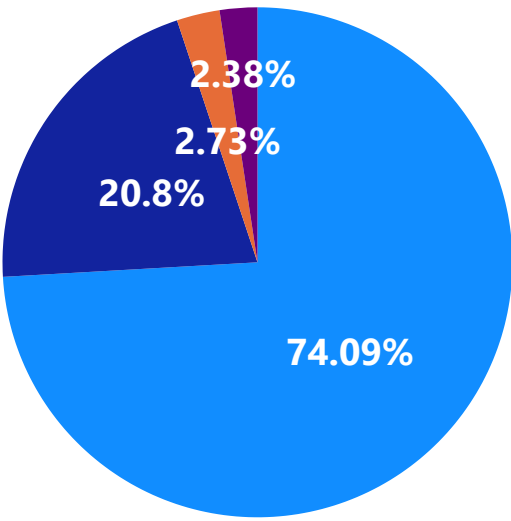
fiscal_year	Highest Sales Month	Lowest Sales Month
2019	Oct	Sep
2020	Oct	Apr
2021	Oct	May
2022	Mar	Feb

6. How does the distribution of vehicles vary by vehicle class (MotorCycle, MotorCar, AutoRickshaw, Agriculture) across different districts? Are there any districts with a predominant preference for a specific vehicle class? Consider FY 2022 for analysis.

Ans. Majority of Districts preferred vehicle is MotorCycle ~70%. And 2nd highest vehicle type is MotorCar. In MotorCar category Rangareddy 32% and Medchal_Malkajgiri 27%

Fiscal Year 2022 Vehicle Distribution

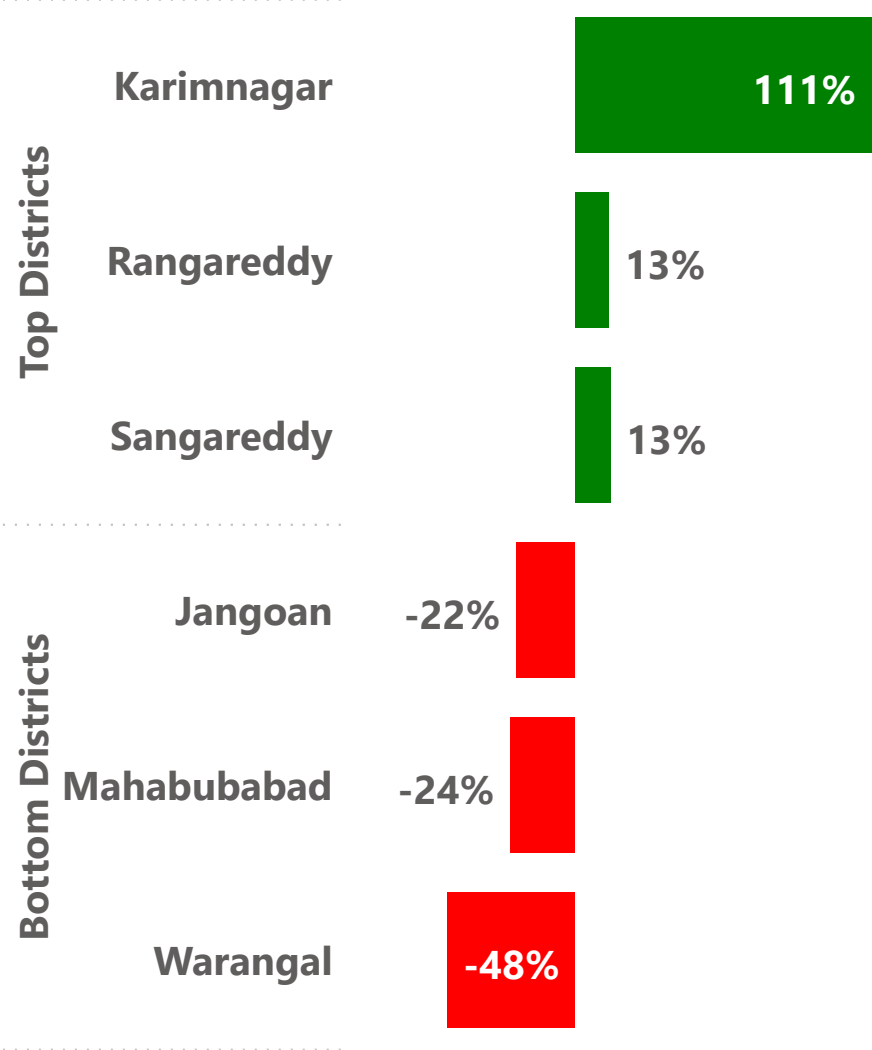
MotorCycle MotorCar Agriculture AutoRickshaw



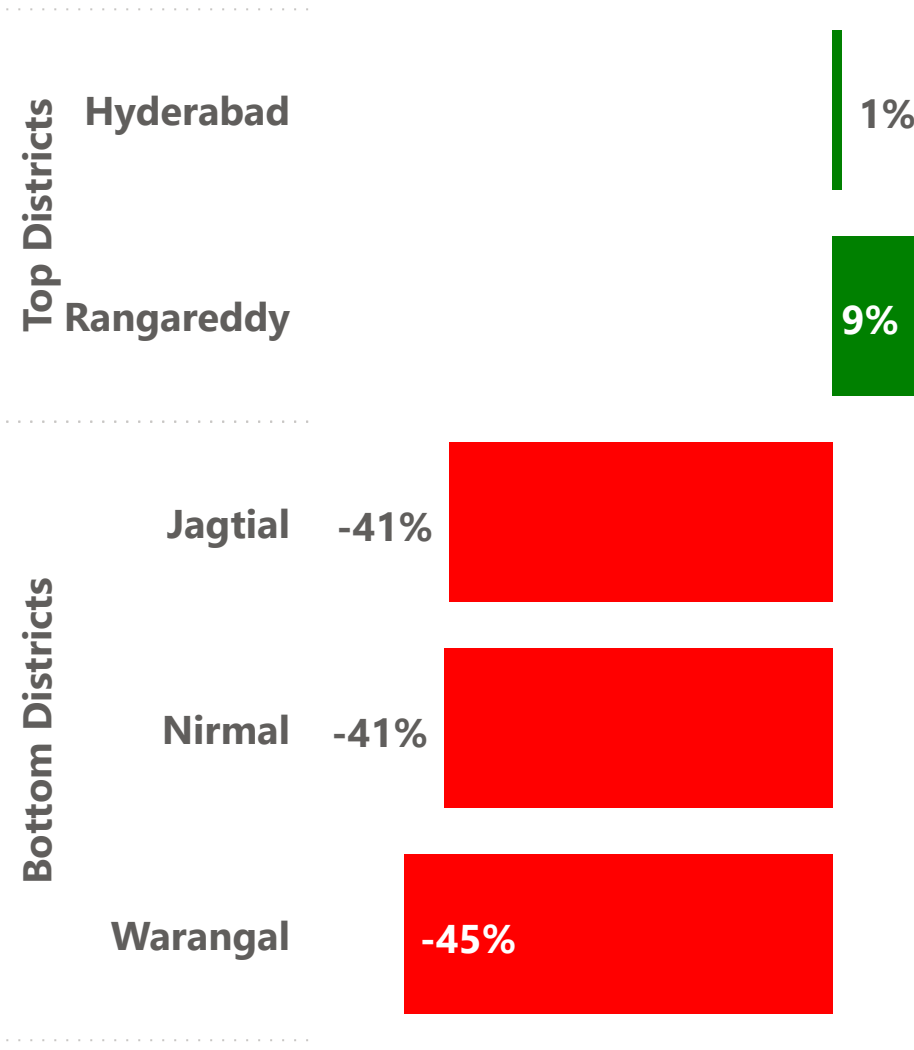
7. List down the top 3 and bottom 3 districts that have shown the highest and lowest vehicle sales growth during FY 2022 compared to FY 2021? (Consider and compare categories: Petrol, Diesel and Electric)

Ans. Comparing EV sales in 2022 Vs 2021, all districts have +ve growth in sales rate. Decline in sales of Petrol & Diesel Vehicle started from 2021. In Petrol and Diesel category warangal district have highest decrease in vehicle sales and Karimnagar have highest growth in Diesel vehicle sales

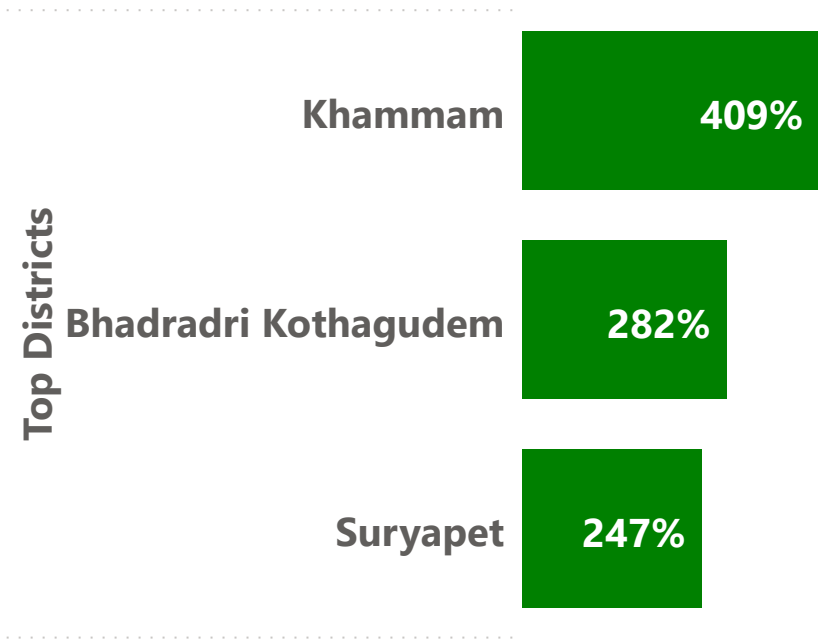
Diesel Vehicle Sales 2021 Vs 2022



Petrol Vehicle Sales 2021 Vs 2022



EV Vehicle Sales 2021 Vs 2022



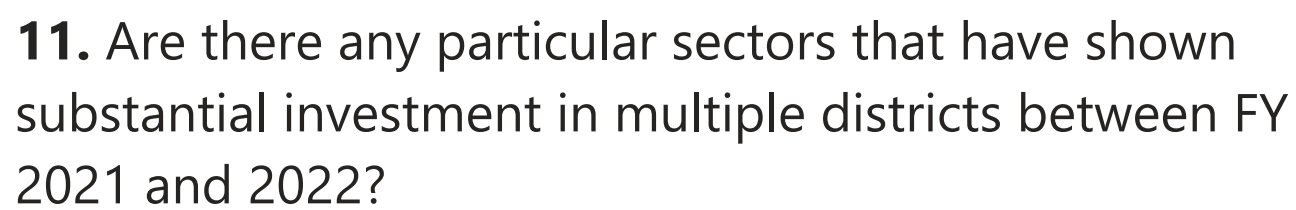
8. List down the top 5 sectors that have witnessed the most significant investments in FY 2022.

Sector	Number of Projects
Plastic and Rubber	5.9K
Pharmaceuticals and Chemicals	2.2K
Real Estate, Industrial Parks and IT Buildings	2.1K
Solar and Other Renewable Energy	2.1K
Engineering	1.9K

Ans. Wanaparthy, Narayanpet & Mancherial districts are top 3 districts where Investment in 2022 increased more than 1300% w.r.t 2021



Investment & Revenue 2021 Vs 2022 by District



12. Can we identify any seasonal patterns or cyclicity in the investment trends for specific sectors? Do certain sectors experience higher investments during particular months?

#District by Sector with Highest Investment between 2021 Vs 2022



High Vehicle Sales:

1. **Economic Growth:** A booming economy with rising income levels can lead to higher vehicle sales as people have more disposable income to spend on cars and motorcycles.
2. **Urbanization:** As urban areas in Telangana continue to grow, there is an increased demand for personal vehicles due to improved job opportunities, convenience, and commuting challenges.
3. **Infrastructure Development:** Better road networks, expressways, and infrastructure development can make owning a vehicle more attractive and feasible.
4. **Government Policies:** Government incentives, subsidies, or tax breaks for vehicle purchases can boost sales. Similarly, changes in vehicle taxation can also impact buying decisions.
5. **Consumer Confidence:** High consumer confidence often results in increased spending on big-ticket items like vehicles.
6. **New Models and Features:** The launch of new vehicle models with advanced features can stimulate sales as consumers look to upgrade.

Low Vehicle Sales:

1. **Economic Downturn:** During economic recessions or financial crises, people tend to postpone or cancel big-ticket purchases like vehicles, leading to a decrease in sales.
2. **Fuel Prices:** High fuel prices can deter people from buying vehicles, especially if they are concerned about the ongoing cost of ownership.
3. **Environmental Concerns:** Increasing awareness of environmental issues may lead to a preference for public transportation, carpooling, or eco-friendly vehicles, reducing overall sales.
4. **Government Regulations:** Stricter emission standards or regulations discouraging the use of older vehicles can negatively affect sales, particularly for older, less fuel-efficient vehicles.
5. **Ridesharing Services:** The popularity of ridesharing services like Uber and Ola can reduce the need for personal vehicles, especially in urban areas.
6. **Cultural Shifts:** Changing cultural norms, such as a preference for living in walkable neighborhoods, can reduce the need for personal vehicles.
7. **Supply Chain Disruptions:** Global supply chain disruptions, as seen during the COVID-19 pandemic, can lead to a shortage of vehicles and components, limiting sales.
8. **High Interest Rates:** High-interest rates on auto loans can discourage potential buyers.
9. **Local Factors:** Specific local factors like strikes, natural disasters, or political instability can impact vehicle sales in Telangana.

** It's important to note that vehicle sales are influenced by a complex interplay of these factors, and the relative importance of each can vary over time. Manufacturers, dealerships, and policymakers closely monitor these dynamics to adapt their strategies accordingly.

fiscal_year

2019

district

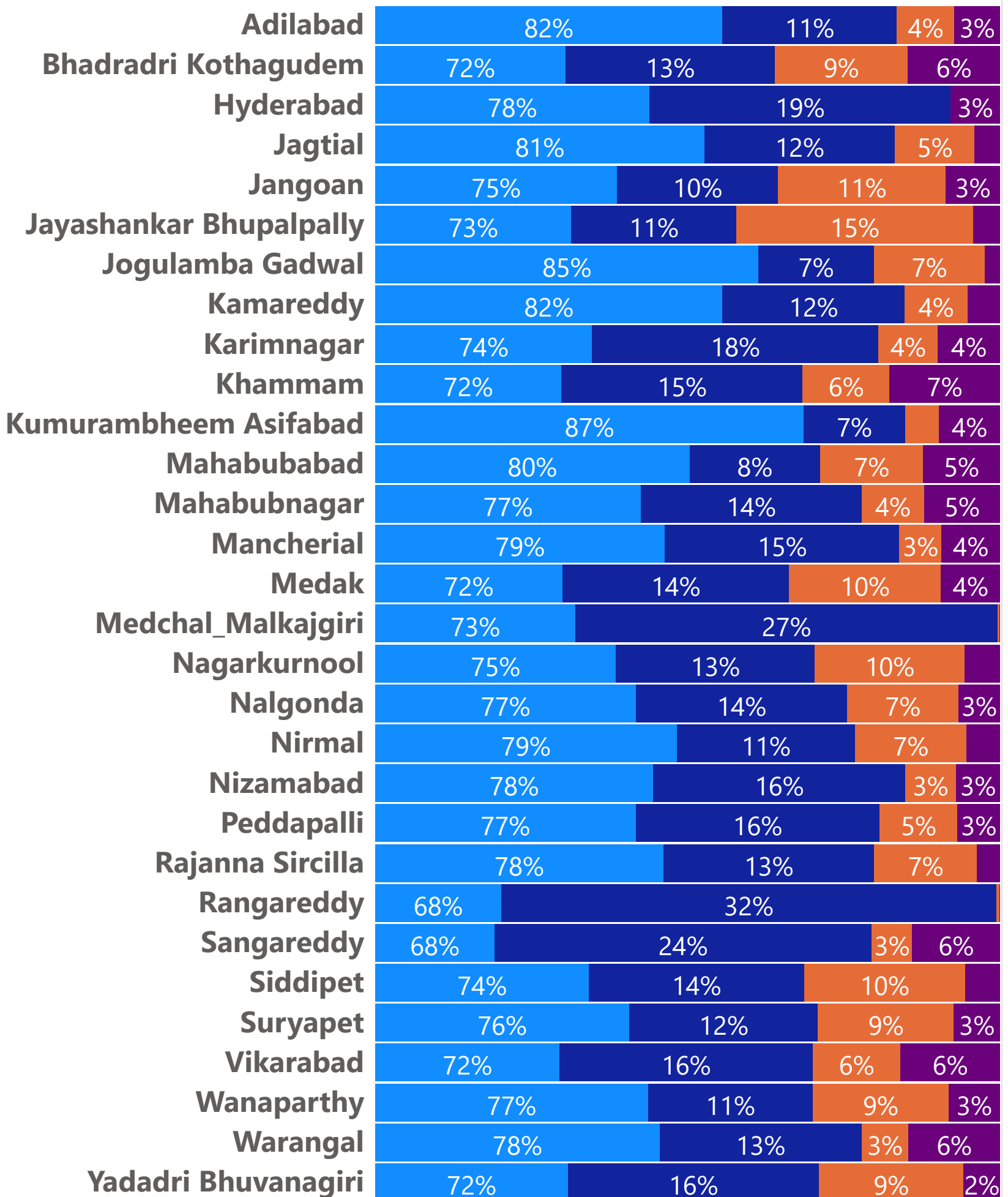
highest Sales Month

Lowest Sales Month

hi

Adilabad	Oct	Sep	
Bhadradri Kothagudem	Oct	Sep	
Hyderabad	Oct	Mar	
Jagtial	Oct	Sep	
Jangoan	Oct	Sep	
Jayashankar Bhupalpally	Oct	Dec	
Jogulamba Gadwal	Oct	Sep	
Kamareddy	Oct	Sep	
Karimnagar	Oct	Sep	
Khammam	Oct	Sep	
Kumurambheem Asifabad	Oct	Sep	
Mahabubabad	Feb	Sep	
Mahabubnagar	Oct	Sep	
Mancherial	Oct	Sep	
Medak	Feb	Sep	
Medchal_Malkajgiri	Oct	Sep	
Nagarkurnool	Oct	Sep	
Nalgonda	Oct	Sep	
Nirmal	Oct	Sep	
Nizamabad	Oct	Sep	
Peddapalli	Oct	Sep	
Rajanna Sircilla	Oct	Sep	
Rangareddy	Oct	Mar	
Sangareddy	Oct	Sep	
Siddipet	Oct	Sep	
Suryapet	Oct	Aug	
Vikarabad	Oct	Sep	
Wanaparthy	Oct	Sep	
Warangal	Oct	Sep	

● MotorCycle ● MotorCar ● Agriculture ● AutoRickshaw



Month Name	2019	2020	2021	2022
Jan	Real Estate,Industrial Parks and IT Buildings	Real Estate,Industrial Parks and IT Buildings	Beverages	Plastic and Rubber
Feb	Real Estate,Industrial Parks and IT Buildings	Pharmaceuticals and Chemicals	Beverages	Engineering
Mar	Real Estate,Industrial Parks and IT Buildings	Plastic and Rubber	Real Estate,Industrial Parks and IT Buildings	Plastic and Rubber
Apr	Real Estate,Industrial Parks and IT Buildings	Granite and Stone Crushing	Plastic and Rubber	Solar and Other Renewable Energy
May	Real Estate,Industrial Parks and IT Buildings	Pharmaceuticals and Chemicals	R&D	Beverages
Jun	Cement, Cement & Concrete Products, Fly Ash Bricks	Solar and Other Renewable Energy	Plastic and Rubber	Agro based incl Cold Storages
Jul	Real Estate,Industrial Parks and IT Buildings	Pharmaceuticals and Chemicals	Pharmaceuticals and Chemicals	Paper and Printing
Aug	Real Estate,Industrial Parks and IT Buildings	Pharmaceuticals and Chemicals	Pharmaceuticals and Chemicals	Real Estate,Industrial Parks and IT Buildings
Sep	Pharmaceuticals and Chemicals	Textiles	Pharmaceuticals and Chemicals	Solar and Other Renewable Energy
Oct	Real Estate,Industrial Parks and IT Buildings	Textiles	Pharmaceuticals and Chemicals	Granite and Stone Crushing
Nov	Paper and Printing	Solar and Other Renewable Energy	Pharmaceuticals and Chemicals	Real Estate,Industrial Parks and IT Buildings
Dec	Fertilizers Organic and Inorganic,Pesticides,Insecticides, and Other Related	Pharmaceuticals and Chemicals	Pharmaceuticals and Chemicals	Plastic and Rubber