# City Data Analysis

# BUILDING APPLICATIONS DEPARTMENT OVERVIEW



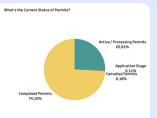
24.71 days

65.74 days

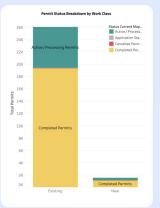
Which Permit Type Are You Analyzing?

FILTERS

Select a contractor: LEGEND











# Year-Over-Year Trends: 2022 vs. 2023 vs. 2024

### KPI comparisons across years

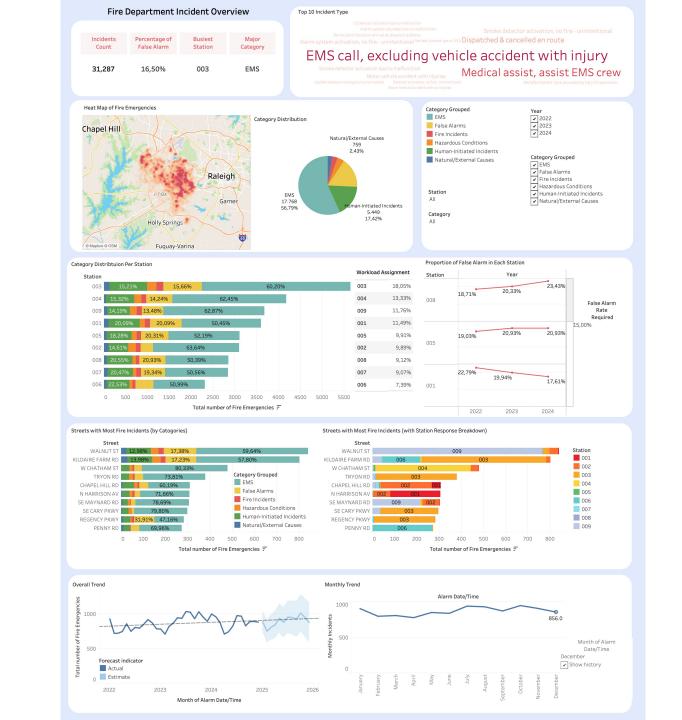
	2022	2023	2024
Avg Project Cost	\$72,366.29	\$96,264.70	\$46,423.03
Change in Avg Cost		33,02%↑	51,78%↓
Total Number of Permits Requested	9159	9414	9029
Change in Total Permits		2,78%↑	4,09%4
Avg Project Completion Time (days)	95	60	37
Change in Completion Time		36,29%↓	39,13%↓
Avg Permit Approval Time (days)	33	25	16
Change in Approval Time		24,07%↓	37,39%↓

# RECOMMENDATIONS:

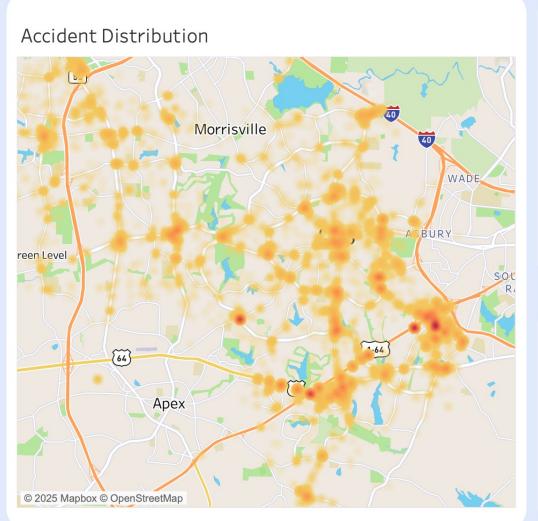
- Reduce Active Processing Permits & Cancellations: Investigate the cause of 23.94% of permits staying active for extended periods; consider automating processes or adding staff during peak times to speed up approvals. Review the 8.48% cancellation rate to identify patterns and improve approval rates.
- Improve Unclassified Permit Categorization: Address the high volume of unclassified permits by refining categories and enhancing data entry validation for better tracking and reporting.
- Monitor Increasing Project Costs: Analyze the 24.47% and 20.08% rise in project costs over the past two years to determine if it's due to increased labor/material costs, larger scopes,
- $\hbox{\bf -Track Cancelled Permits: } Collect more data on cancelled permits to better understand$ trends and improve the approval process.

## Contractor Activity Over Time: Permit Applications Contractor .. Permit Type Ma.. 2023

Unclassified	Unclassified	74.0	78.0	
	Building	1.0	2.0	
	Electrical	4.0	0.0	
	Mechanical	0.0	1.0	
	Plumbing	0.0	3.0	
1 FIVE 3 EL	Electrical	0.0	1.0	
1-800- PLUMBER & AIR OF RAL	Building	0.0	1.0	
	Mechanical	0.0	0.0	
	Plumbing	0.0	0.0	
1ST STEP E	Electrical	1.0	0.0	
1ST STEP E	Electrical	0.0	1.0	
2AM PLUM	Plumbing	1.0	0.0	
2ND GENERA TION PLUM	Mechanical	1.0	1.0	
	Plumbing	0.0	2.0	
2SL DESIGN	Building	1.0	0.0	
3 J'S CONST	Building	0.0	0.0	
3D DECKS,	Building	0.0	1.0	
3D ELECTRI	Building	0.0	0.0	
3D REMOD	Building	1.0	1.0	
3Y CONSTR	Building	1.0	2.0	
4 M ELECTR	Electrical	0.0	1.0	
4K DEVELO	Building	2.0	0.0	
5 COUNTY	Mechanical	1.0	0.0	
5 STAR MEC	Mechanical	0.0	1.0	
5 STAR SER	Building	0.0	1.0	
6 & FIX HEA	Mechanical	0.0	0.0	
6 & FIX HEATING &	Unclassified	1.0	0.0	
	Mechanical	30.0	30.0	
8MSOLAR LLC	Building	1.0	2.0	
	Electrical	1.0	0.0	
8MSOLAR LLC (82456)	Building	84.0	72.0	
	Electrical	2.0	0.0	
24-7 AQUA	Building	0.0	1.0	
24/7 PLUM	Mechanical	1.0	0.0	
72 DEGREE	Mechanical	61.0	27.0	
123 RENOV	Building	1.0	1.0	

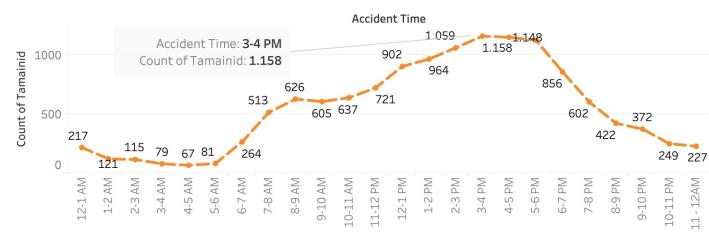


13.129

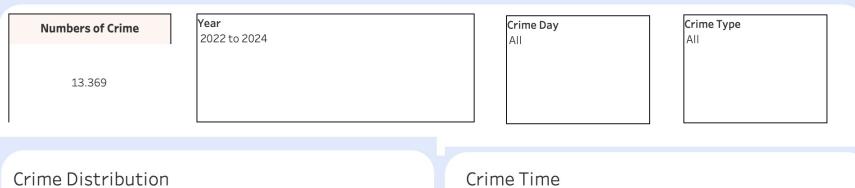


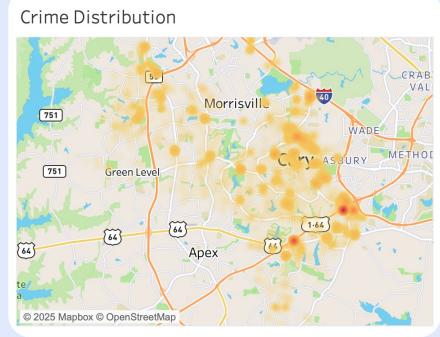


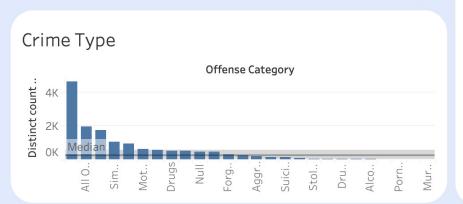
₹ 2024

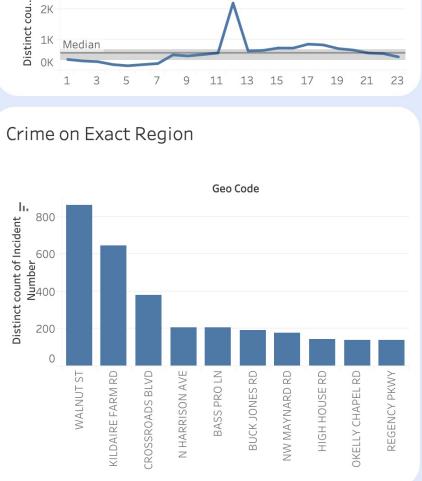












Begin Time Of Occurrence