



# SUPPLY DELAY CHAIN ANALYSIS

Identifying bottlenecks and improving delivery performance

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Entry-Level Analyst





# Supply Chain Delay Analysis Dashboard | Prosacco Company

Total Orders

2.88K

Total Quantity Ordered

110K

Average Delay (Days)

1.00

Total Delayed Orders

822

Worst Month

Nov

City with Most Delays

New York City

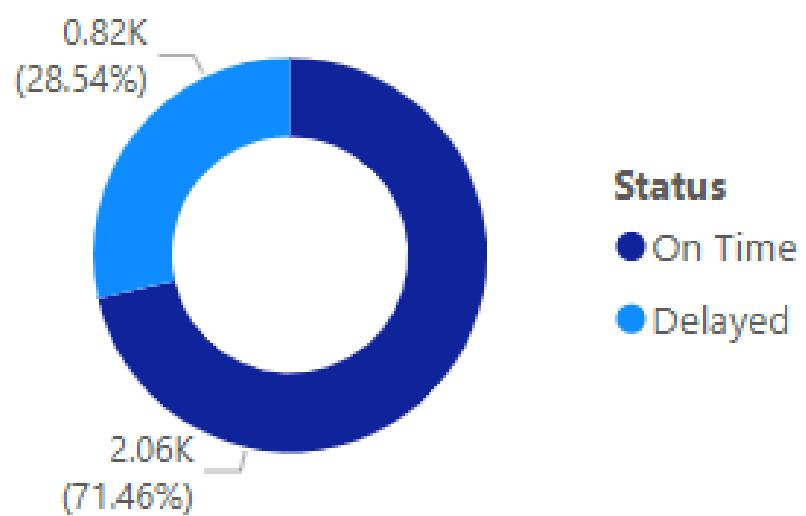
## Delayed Orders and Total Delay Days by City

City	Delayed Orders	Sum of Delay Days
New York City	135	476
San Diego	63	209
Phoenix	60	203
Fort Worth	59	227
Houston	38	129
Dallas	33	125
Seattle	31	97
Indianapolis	30	119
Detroit	29	96
Nashville	29	100
Vancouver	29	96
Chicago	26	85
Charlotte	24	86
Jacksonville	23	79
Austin	22	81
El Paso	22	80
Columbus	18	60
Los Angeles	17	64
Calgary	16	52
Louisville	16	52
Puebla	16	56
Philadelphia	12	39
<b>Total</b>	<b>822</b>	<b>2866</b>

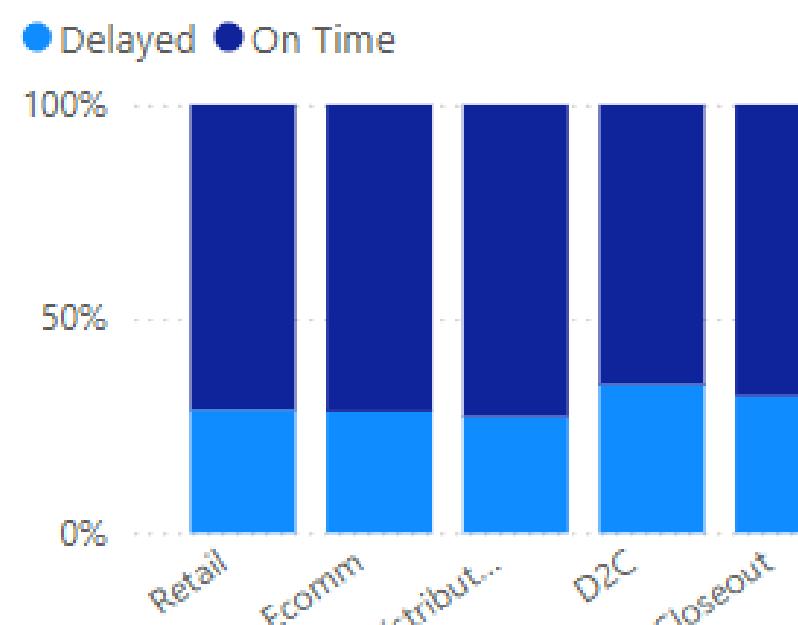
## Average of Delay Days by Categories and Channel



## On-Time vs Delayed Orders



## Delayed vs On-Time Orders by Channel



## Order and Delay Trends Over Time



# Key Performance Summary

Total Orders	Total Quantity Ordered	Average Delay (Days)	Total Delayed Orders	Worst Month	City with Most Delays
2.88K	110K	1.00	822	Nov	New York City



- Strong overall delivery performance (97.5% on-time)
- 822 delayed orders with an average delay of 1 day per order.
- Delays concentrated NYC
- Product type & channel affect delivery time
- November = peak delay month

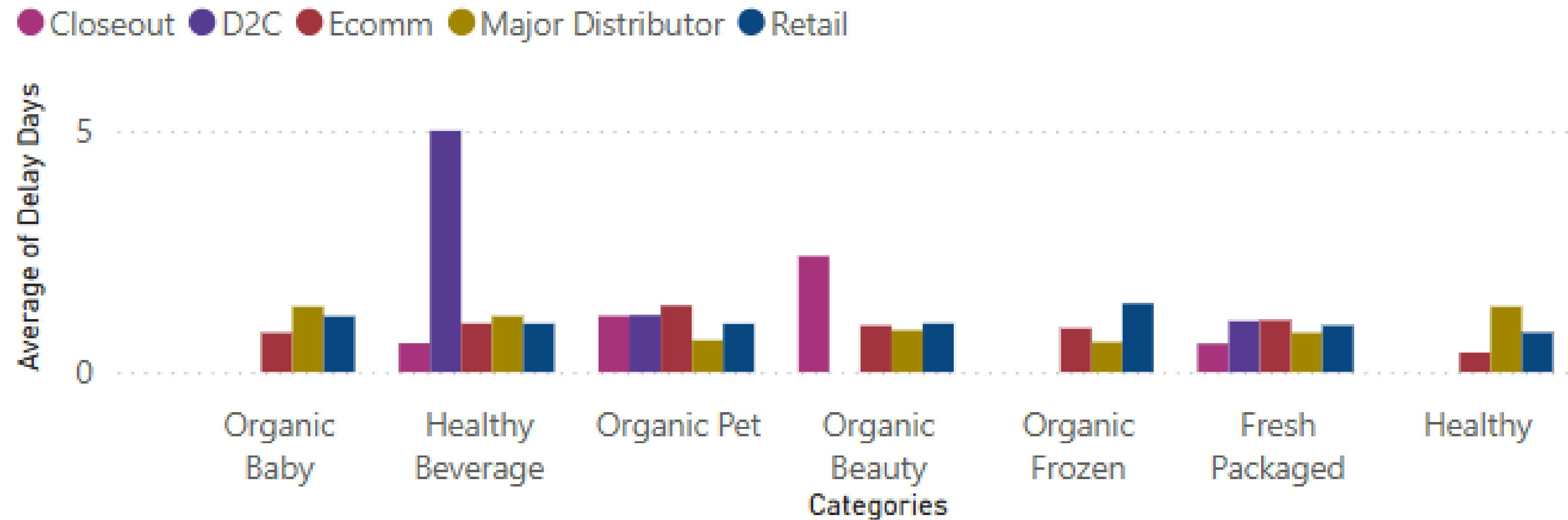
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- Fort Worth: **Highest avg** delay (6.48 days/order)
- Jacksonville: **High impact** (6.04 days/order)
- Focus needed on Fort Worth, NYC, Houston

Operational issues may be concentrated in specific cities.

# Average Delay by Product Categories and Channel



- Highest delays observed in Healthy Beverage - Ecomm (Avg. 5 days).
- Organic Beauty - Ecomm also shows high delay (~3 days).
- Most other categories & channels show lower delays (< 2 days).
- E-commerce channel appears most prone to delays.

# Order Trends Over Time



- Delay spike in November
- Demand surge may exceed supply chain capacity
- Need peak season planning & agile response.

# Recommendations for Improvement



**Strengthen delivery in Fort Worth & NYC**



**Plan ahead for peak months (esp. November)**



**Improve handling of perishable products**



**Analyze & simplify “Major Retailers” channel process**



**Use predictive tools & expand supplier options**





**Prosacco Company**

# THANK YOU!

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