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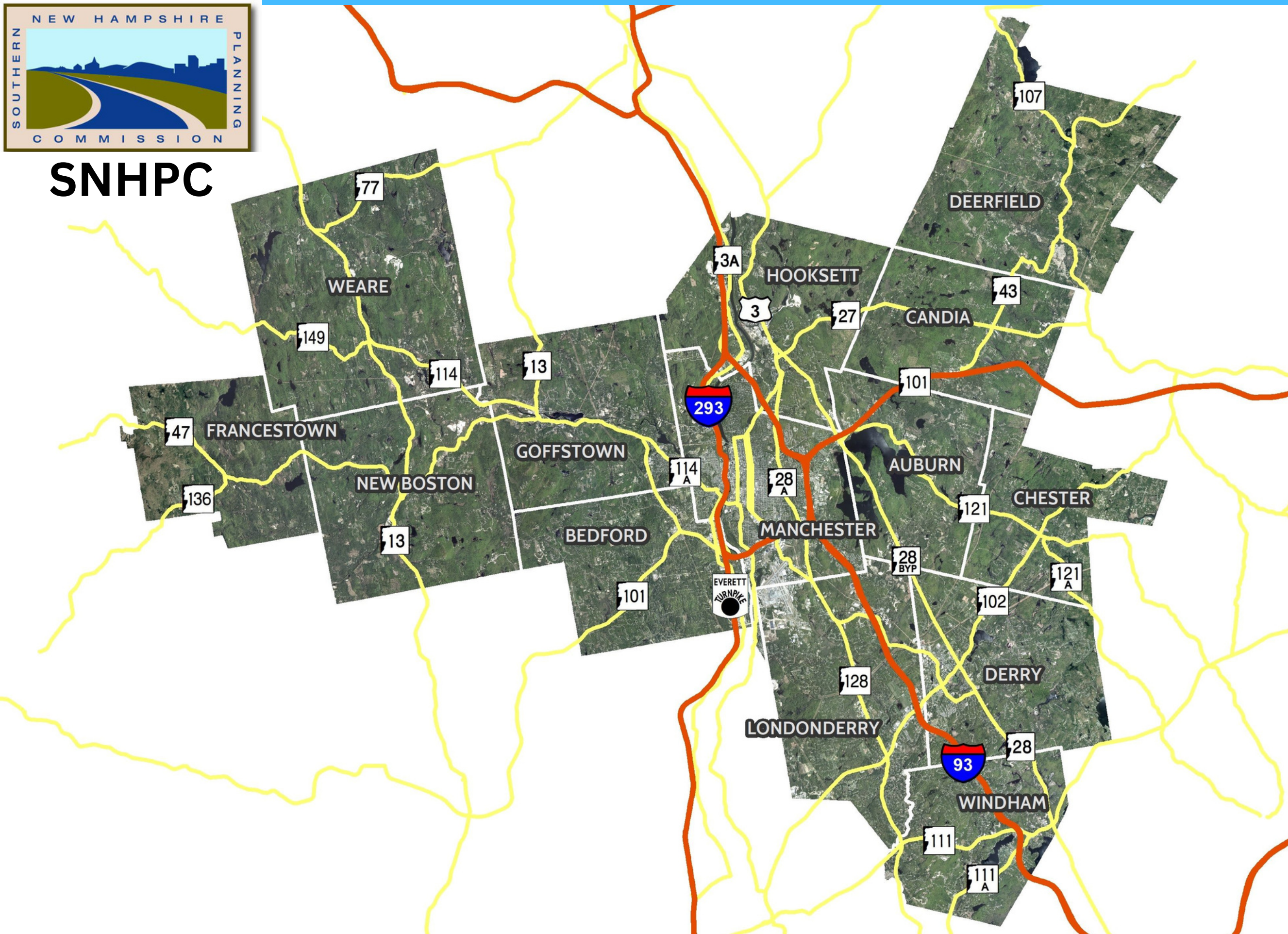


Truck Parking Inventory for the SNHPC Region - Community Stakeholder Survey Results.

David Tilton - Senior Transportation Planner. SNHPC.



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Project Overview.

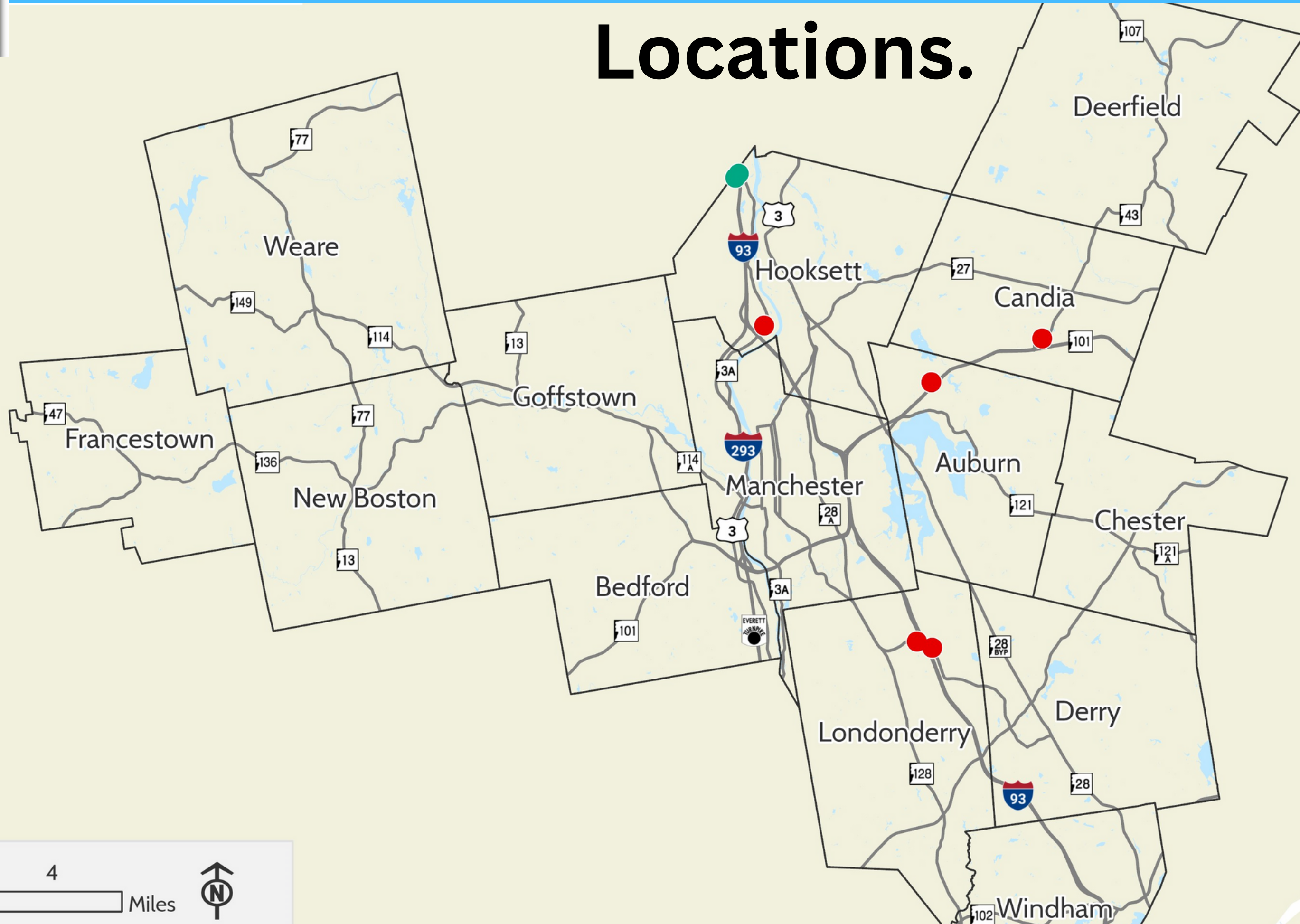
- Purpose:
 - Identify publicly and privately owned commercial truck parking areas in the region.
 - Identify and document parking area amenities for commercial truck drivers at known locations.
 - Analyze data and prepare a report detailing our findings.



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Public & Private Commercial Truck Parking

Locations.

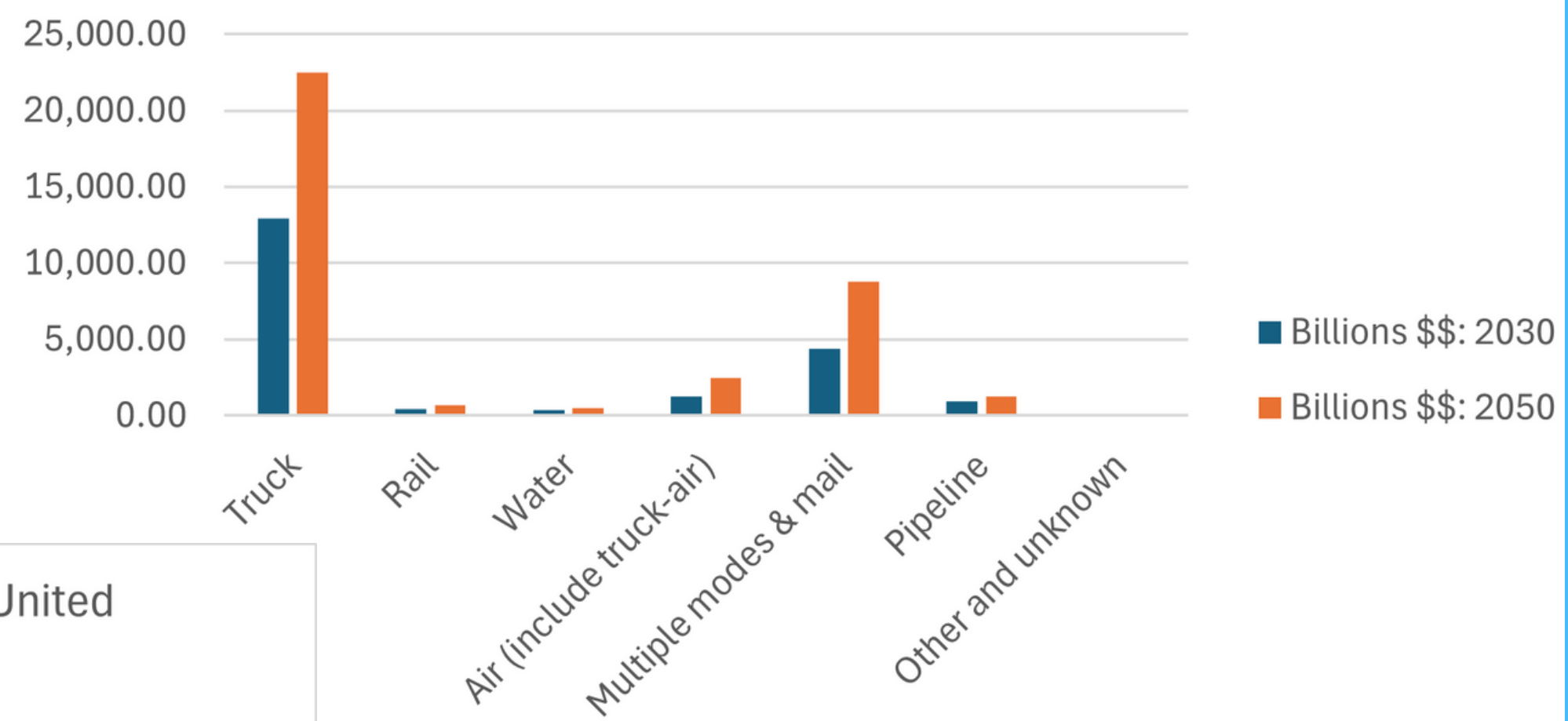




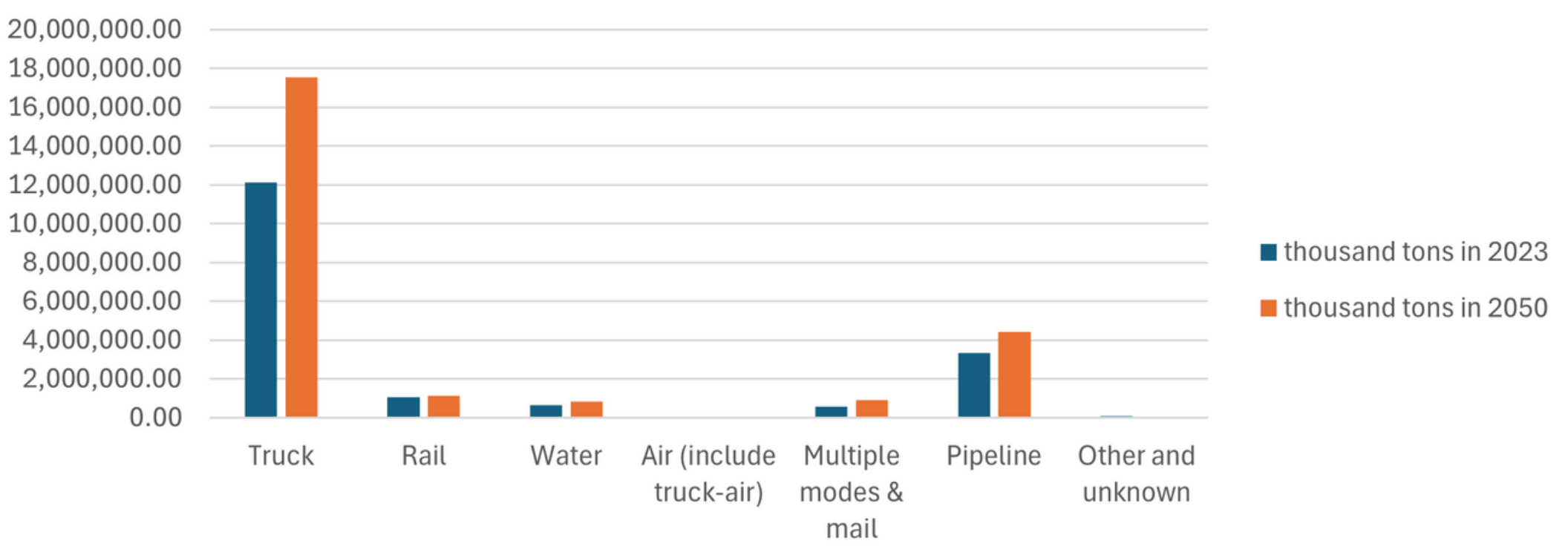
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The Movement of Goods by Mode.

Total Value and Forecasted Value of Shipments by Mode. United States 2023 & 2050.



Total Weight and Forecasted Weight of Shipments by Mode. United States. 2023 & 2050.



Factors Generating Truck Parking Demand.

- **Driver Fatigue**

- Driver fatigue may be due to a lack of adequate sleep, extended work hours, strenuous work or non-work activities, or a combination of other factors.

- **Staging**

- Drivers are appointed times to pickup or drop-off deliveries at plants, warehouses and logistic centers. Need offsite parking to await their delivery window.

- **Federally mandated breaks.**

- Federal Hours of Service (HOS) regulations mandate that 10 hours of rest following 14 hours on duty. Tracked using electronic logging devices (ELD)

- **Emergencies**

- Road closures due to weather or crashes.





Unauthorized truck parking

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- Highway shoulders
- Freeway exit/ entrance ramps.
- Large retail parking lots.
- Abandoned businesses.





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Freight Accident Statistics.

National Highway Traffic Safety Association

- **The Large Truck Crash Causation Study (LTCCS) reported that 13% of commercial motor vehicle (CMV) drivers were considered to have been fatigued at the time of their crash.**
- **In 2021, 5,788 people were killed in traffic crashes involving large trucks which represented a 17% increase from 2020 numbers.**
- **72% of people killed in large-truck traffic crashes in 2021 were occupants of other vehicles.**
- **78% of the fatal traffic crashes involving large trucks in 2021 occurred on weekdays (6 a.m. Monday to 5:59 p.m. Friday)**





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Outreach Efforts

- **Three surveys developed.**
 - **Community Stakeholder Survey** - Sent to municipal officials within the SNHPC communities such as Town Administrator, Planners, Emergency and Highway Department personnel.
 - **Commercial Driver Survey** - Sent to local and national freight and moving companies as well as organizations such as OOIDA (Owner Operator Independent Drivers Association) and NHMTA (New Hampshire Motor Transport Association).
 - **Private Facility Owner Survey** - There are being conducted as an interview during private facility site visits.



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Community Stakeholder Survey Outreach.

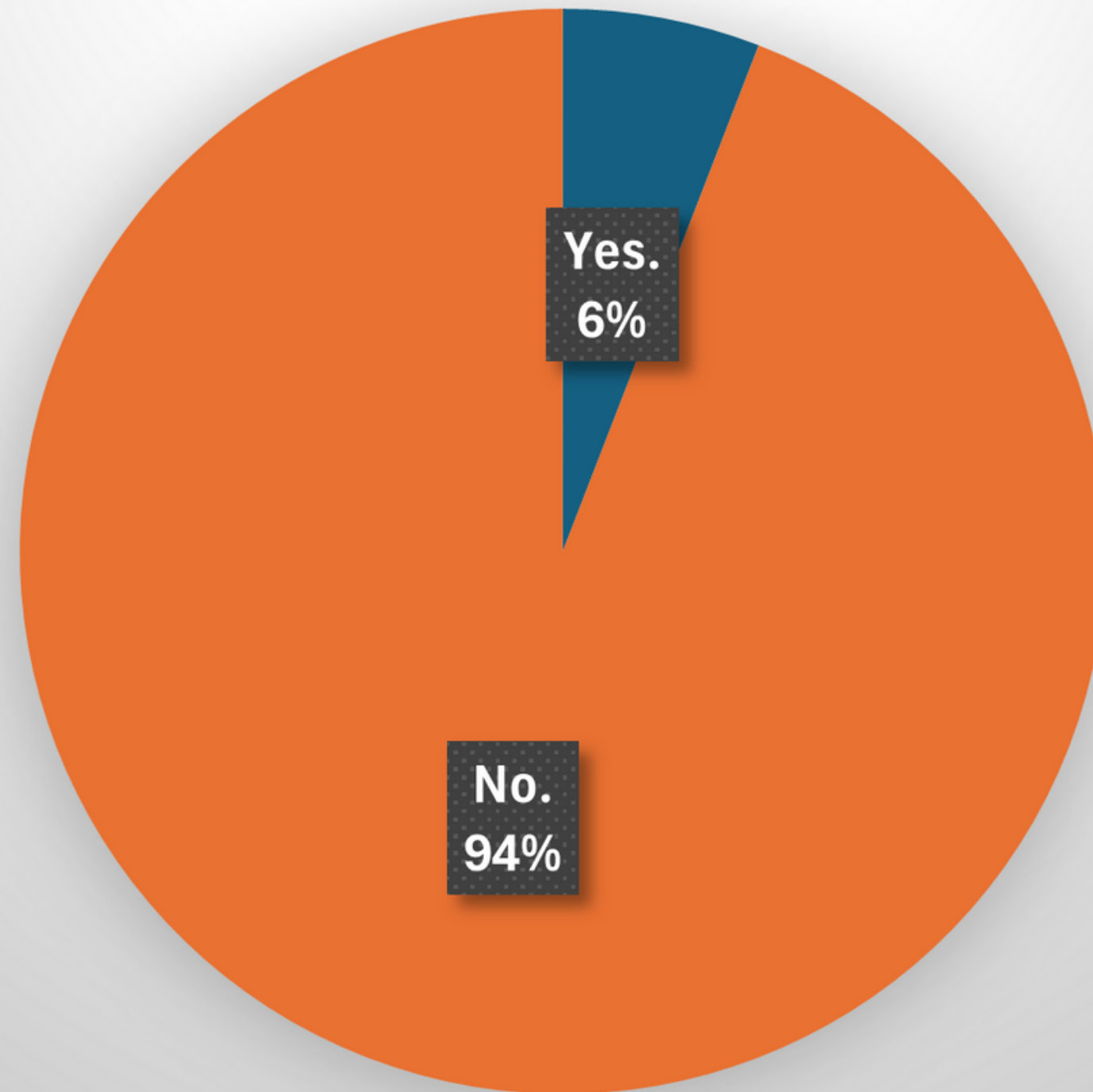
- 75 invitations to the survey were sent out to community stakeholders at the beginning of January.
- 15 question survey which took respondents under 7 minutes to complete.
- As of Monday 2/26/2024, we have received 17 responses which represents 10 out of the 14 SNHPC communities.



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Community Stakeholder Survey Results.

Q6: Within your community, do you have any publicly owned parking areas/ spaces that are designated or are used by commercial truck drivers? These could be park & rides, town owned parking lots, etc.

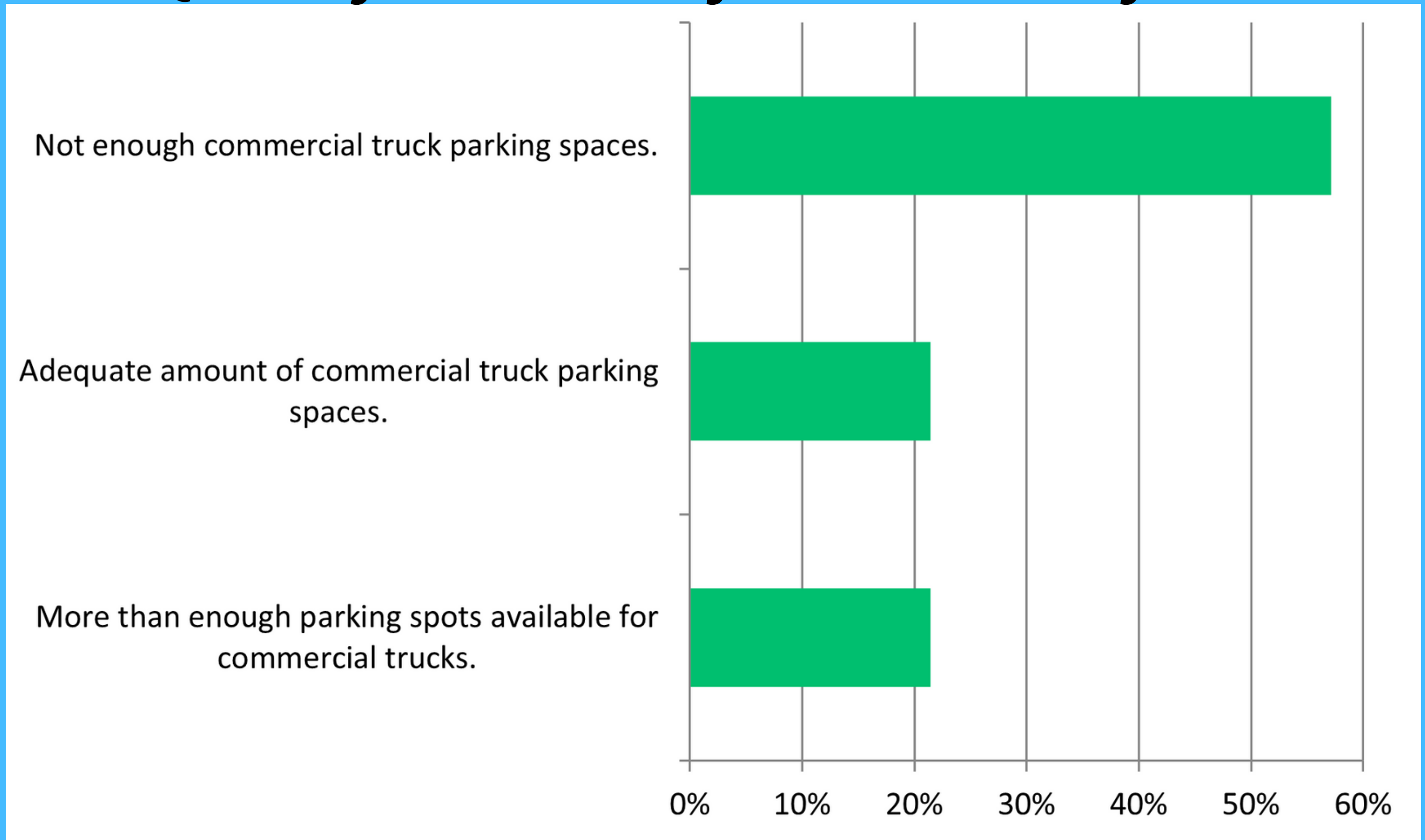




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Community Stakeholder Survey Results.

Q9: Do you feel that your community has:

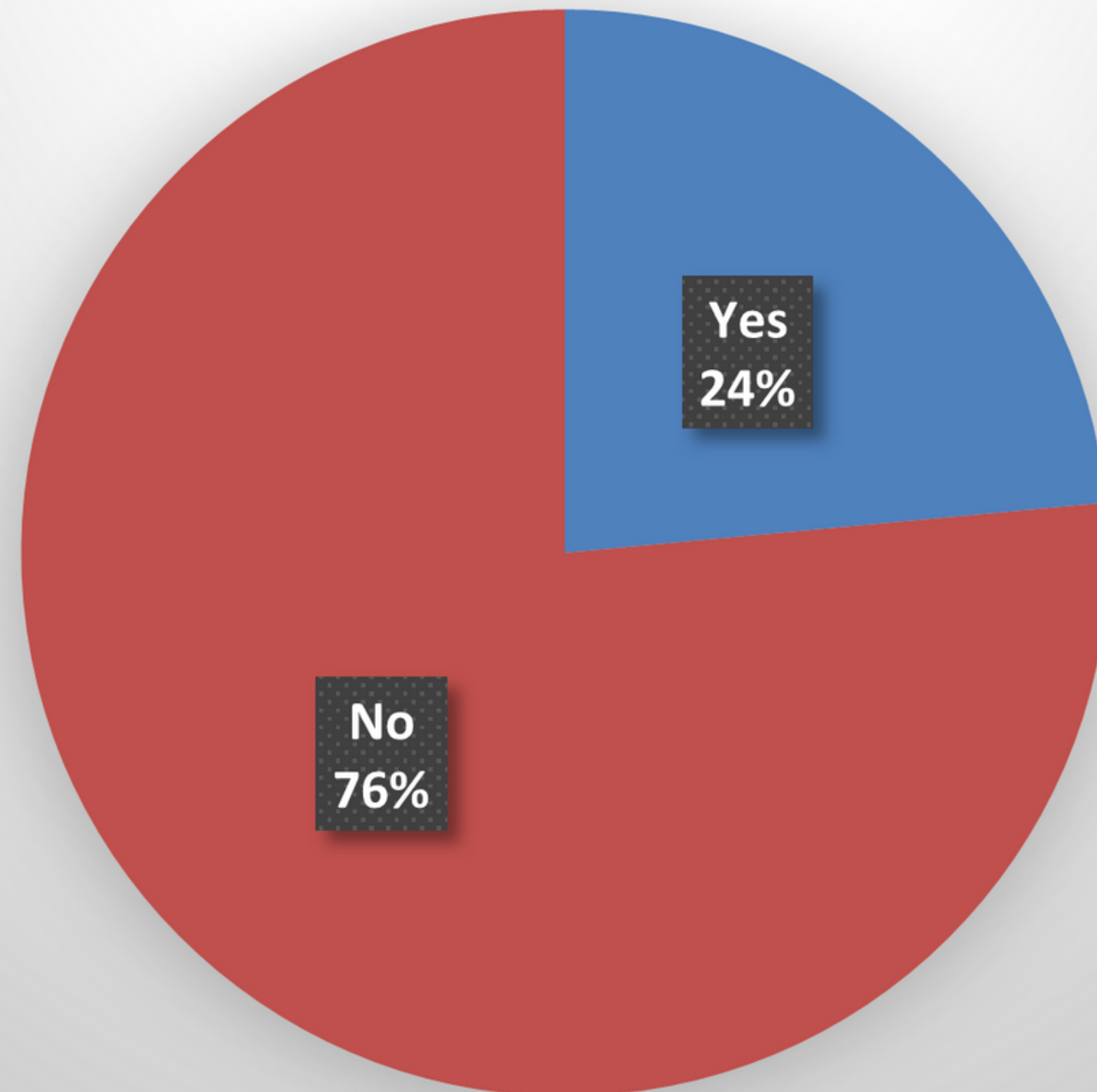




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Community Stakeholder Survey Results.

Q10: Has the development of manufacturing centers and /or warehouses in your community led to a noticeable increase in commercial truck traffic?

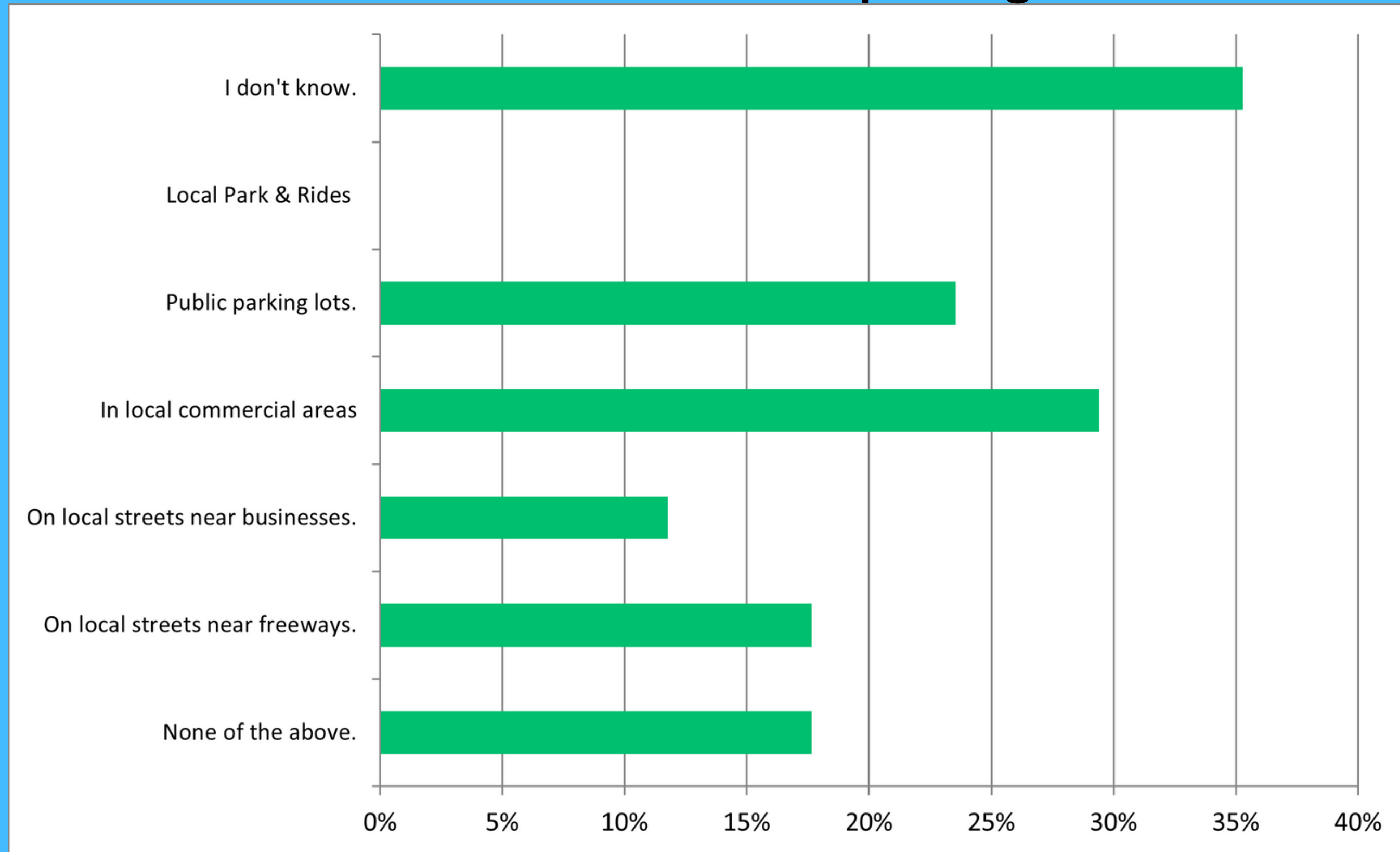




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Community Stakeholder Survey Results.

Q11: On which of the following locations within your community does unauthorized truck parking occur?





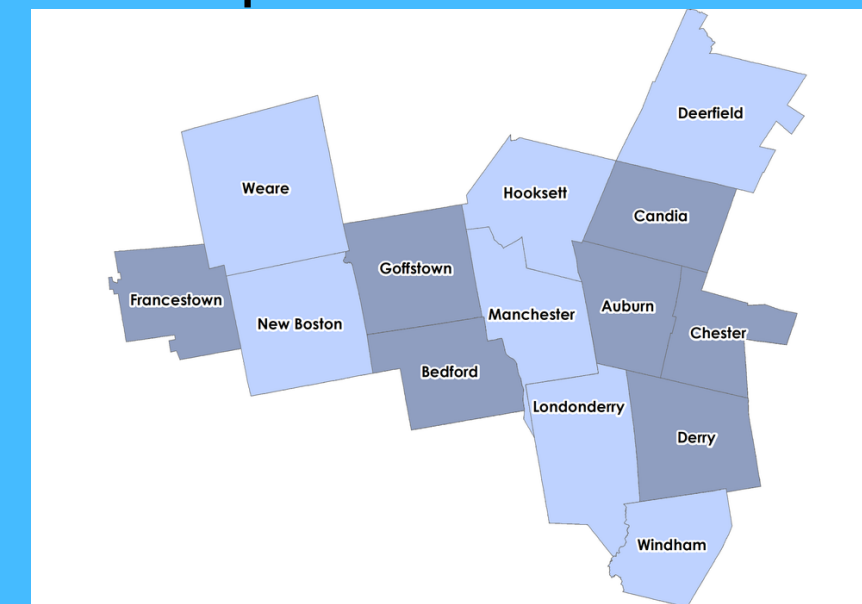
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Community Stakeholder Survey Results.

Q12: In the space below, please list the known locations that unauthorized truck parking has occurred in your community. Please be as detailed as possible.

Responses

- Wason Pond Rec area
- On ramps to Rt 101
- Private businesses near Rt 101
- Oftentimes we have deliveries in our Main St corridor, and they are forced to block traffic for side streets or the main roadway as there is no adequate parking for them to complete their delivery.
- Only issue we currently run across is commercial truck being parked by owner/operators at private residences which runs afoul of current zoning regulations
- None
- I'm not aware of any locations.
- Gas station at Exit 2 Route 101, Commercial Court, King Street
- Town Parking Lot, Abbot Court

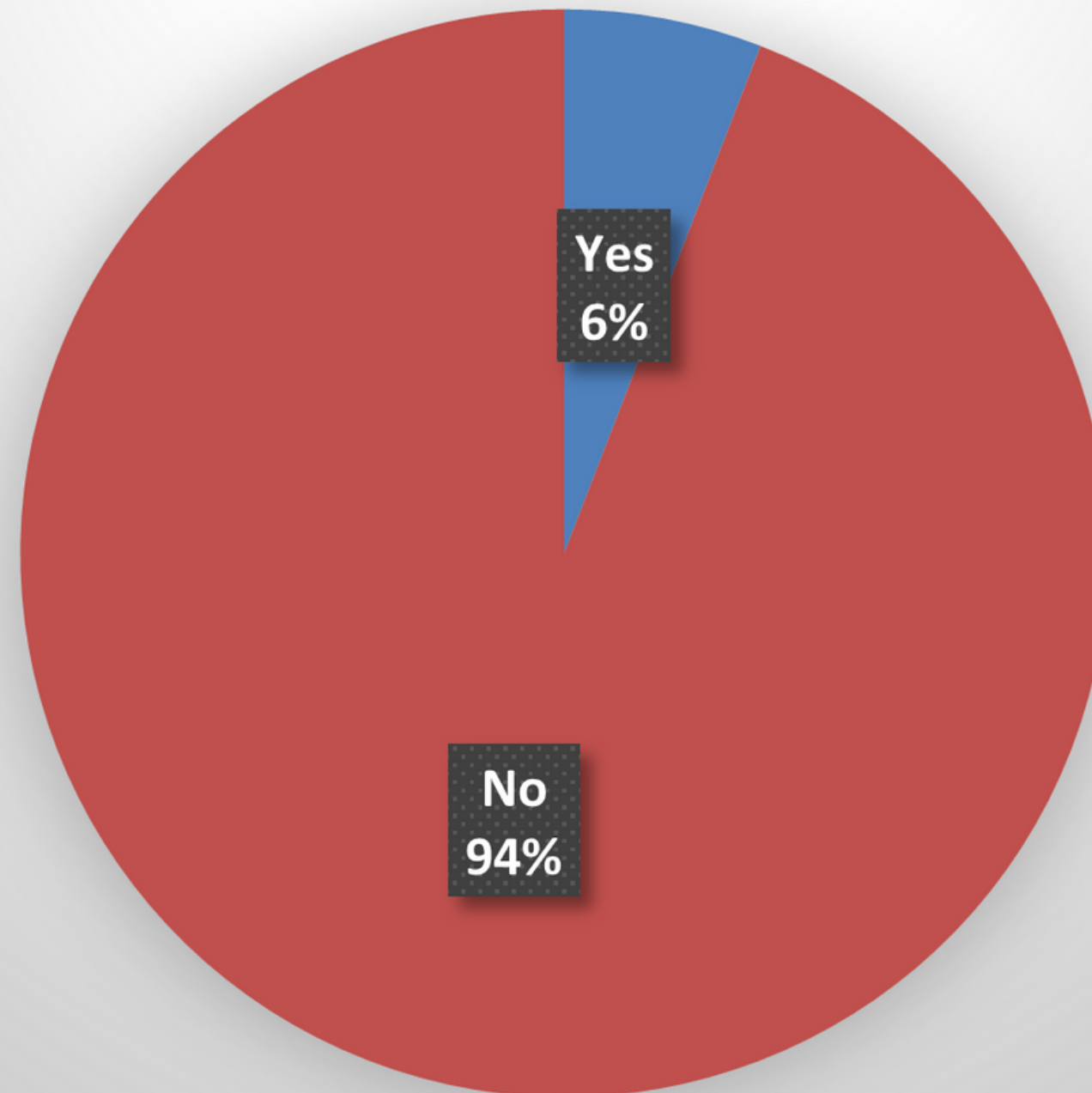




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Community Stakeholder Survey Results.

Q 13 : Is unauthorized truck parking in your community leading to other problems, such as narrowing of roadways, increased congestion and barriers preventing municipal operations like street sweeping and snow removal?

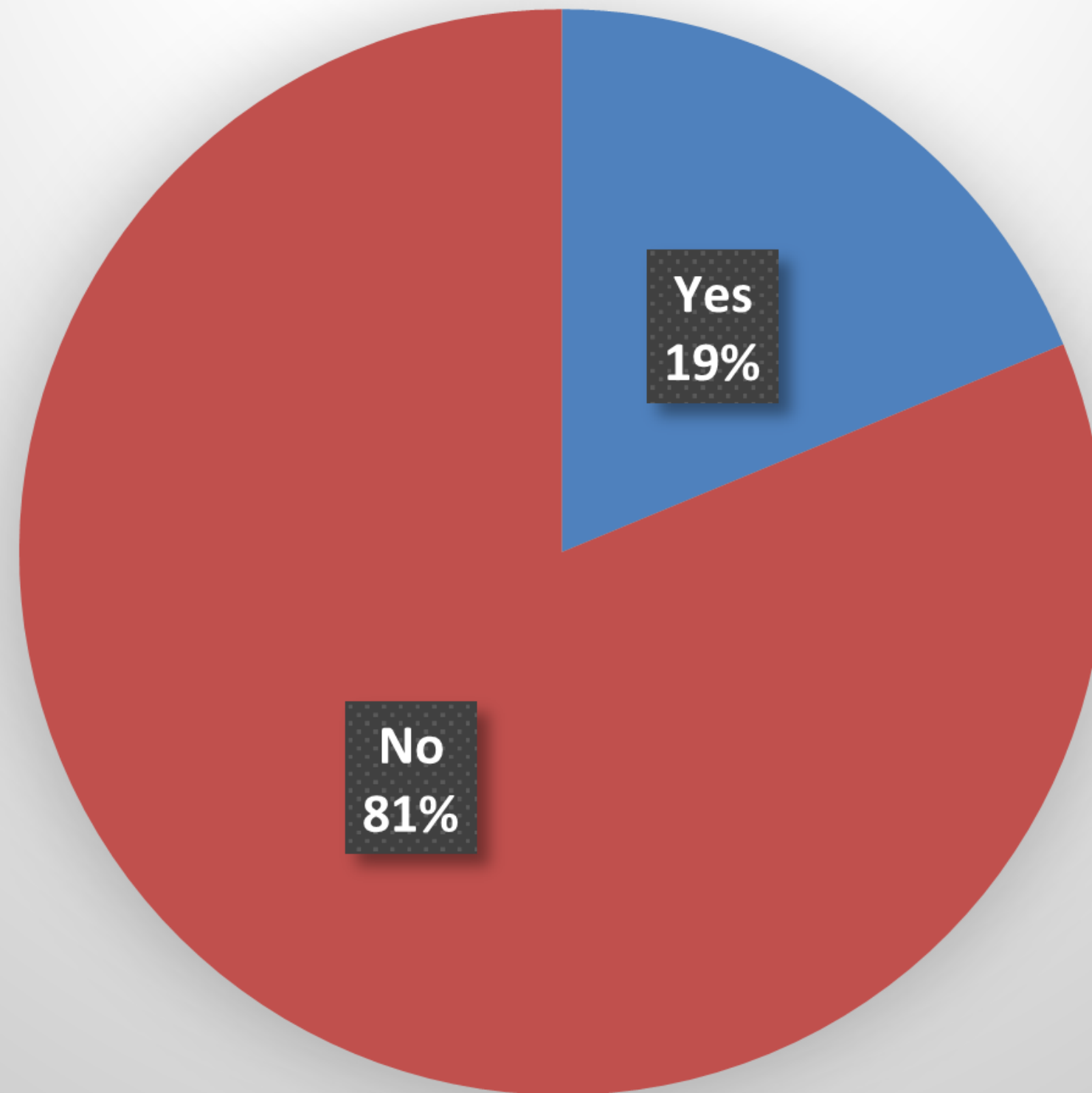




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Community Stakeholder Survey Results.

Q14: Are you aware of any public or private projects being planned in your community that will increase the number of commercial truck parking spaces?

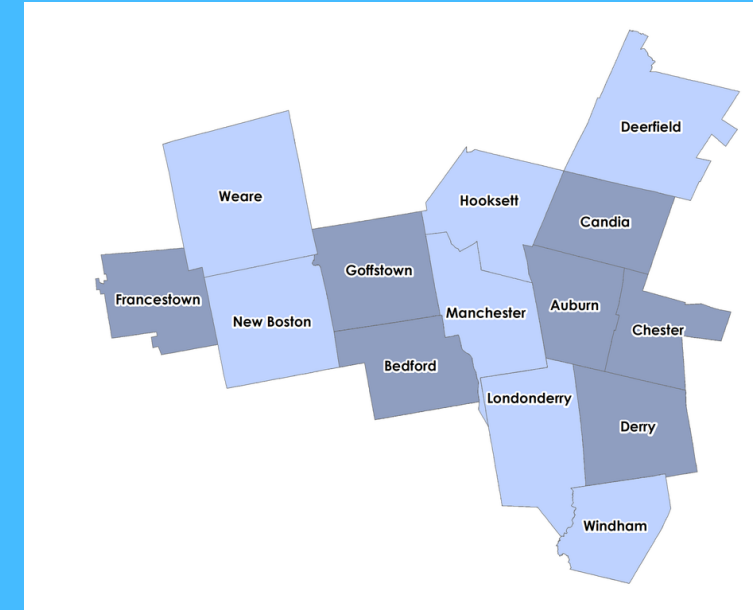




Community Stakeholder Survey Results.

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Q15: Please share any additional thoughts regarding commercial truck parking in your community.



Responses:

- When planning development or new businesses, that consideration goes into how deliveries will be accomplished.
- Chester is not geared up for any form of commercial truck parking.
- Complaints from residents of 18 wheelers being parked in residential neighborhoods from owners who drive a truck for a living.
- While I am not aware of any current commercial truck parking issues, I think there it could become a problem for the Town to address if a demand for it were to suddenly occur. We currently do not have any public parking lots that could handle this, and I do not have any ideas for a solution. Perhaps if the root cause comes from the commercial sector, then the solution should come from there as well?



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Next Steps:

- Sharing data collected with stakeholders, municipal officials and other RPC's.
- Continue collecting survey data from communities & drivers.
- Conduct site visits and interviews with owners of private parking areas that allow commercial vehicle parking.
- Collect additional data on amenities offered to commercial drivers at parking areas including rates.
- Create a report that details findings, analysis and recommendations.



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Thank

www.surveymonkey.com/r/Commercial_Truck_Parking_Survey

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