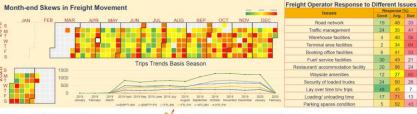
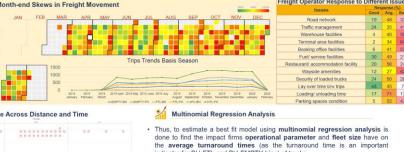
## **DATA ANALYSIS & FINDINGS**

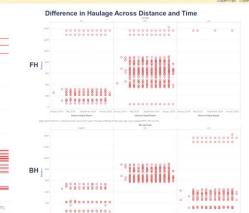
- Difference in haulage across distance and seasons · A final comparative for difference in haulage across distance and seasons is plotted to clearly see an emerging pattern out of the business model of the firms, information
- and infrastructure available in the market which governs the outreach of the trucks FH trips FTL trips are in the range of 0-350 Km. and consistent across seasons, for HTL trips the distance range is 300-900Km, with increase from September onwards
- The BH trips plot depicts a different scenario with most FTL BH trips concentrated in the distance range of 550-900Km, and HTL BH trips fall in 0-450 Km, range

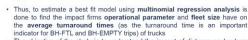
while only handful trips are part of LTL at distance range above 1200 Km.

Load Type Trip Share in FH for Truck Firms





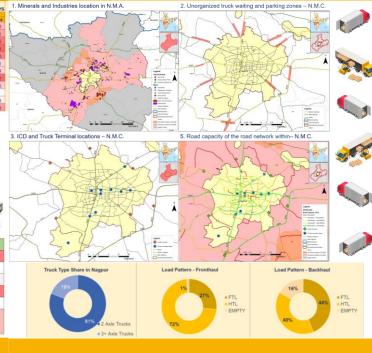




- . The objective of the study is to understand the impact of distance on haulage pattern hence, the most important efficiency hampering BH-EMPTY trips is assessed for the same in the following process.
- · Thus, to estimate a best fit model using multinomial regression analysis is done to find the impact firms operational parameter and market coverage have on the BH-EMPTY trips of trucks

Povenue Loss Calculation Due to BH EMPTY Tripe

Nevende 2033 Calculation Due	to Bit-Emi 11 Imps			(A)	
Transporter Firms	Α	В	С	D	E
FH -FTL Trips	1438	153	457	1424	348
FH-HTL Trips	2266	1917	276	4874	898
BH-EMPTY Trips	1258	123	117	607	214
BH-FTL Trips	1038	1109	117	3349	571
BH-HTL Trips	1438	838	499	2342	462
Revenue % Lost due to BH-EMPTY trip	34.0	5.9	16.0	9.6	17.2



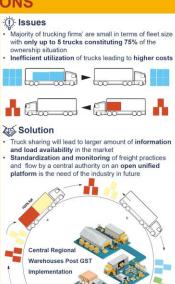
## RECOMMENDATIONS



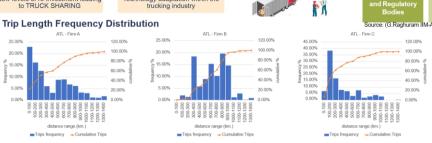
Reduces emissions and pollution

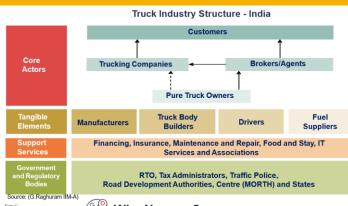
Increases transport

capacity









International multi-modal hub



supply chain onpaids

周

Load Type Trip Share in FH for Truck Firms

20.009

15.00%

10.00%

120.00%

100.00%

80.00%

60.00%

40 00%

Load Type Trip Share in BH for Truck Firms