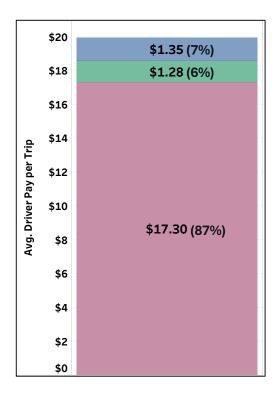
Analysis of Rideshare Driver Pay in NYC – What are the most Profitable Times to Drive?



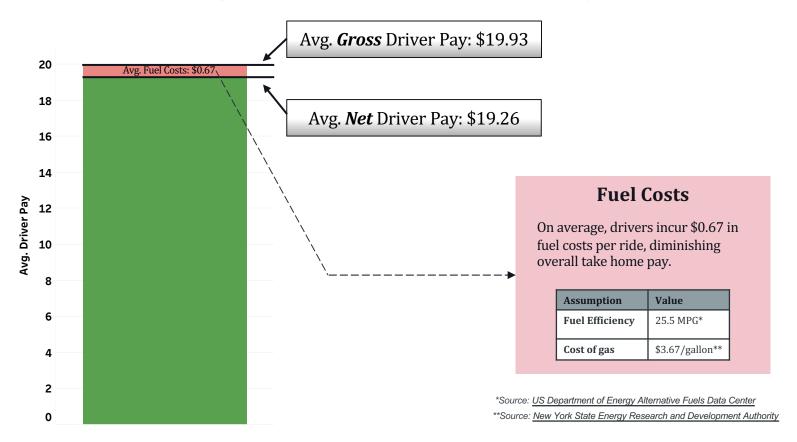
• 13% of Driver Pay comes from surcharges and tips, with the rest coming from the base pay for the ride.







How much do drivers actually earn? Incorporating fuel costs into analysis

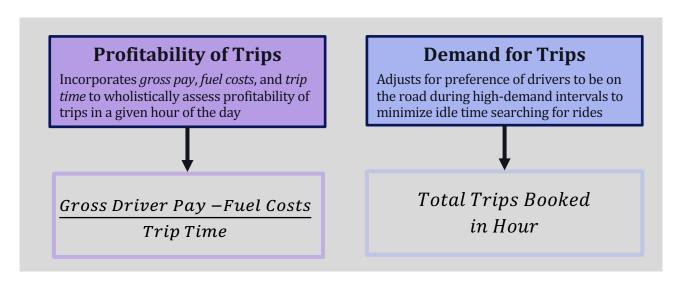




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Evaluating driving time attractiveness with Hourly Profitability Index (HPI) metric

HPI integrates gross pay, fuel costs, trip time, and trip demand to gauge the overall attractiveness of a specific time for drivers.



Profitability and Demand metrics for each time of day are calculated, standardized, and combined to arrive at a value for HPI

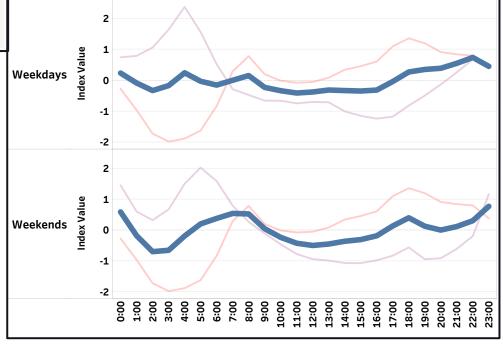




Interplay between Profitability and Demand drives variations in *HPI*

High Hourly Profitability Index indicates more profitable driving times.

Index: Profitability of Trips
Index: Demand for Trips
Hourly Profitability Index



Starting around 18:00, Trip Profitability tends to rise while Demand for Trips remains relatively constant, creating a favorable time for driving.

HPI shows greater variation on weekends, indicating the need for more selective driving during these days.



Optimizing for Driving During High *HPI*Periods

Question: If a driver exclusively operates during the 7 most profitable hours, identified by HPI, how much additional Net Income could they generate compared to driving randomly selected hours?

Note: 7 most profitable hours are from 6 PM to 1 AM

Calculations

| Optimize driving time? | Avg. Trip Profit | Assumed % of Idle & Pick-Up Time | Net Income Per Hour | Net Income Per Week | Net Income Per Month | = assumption |
|------------------------|---------------------|---|---------------------------|---------------------------|----------------------------|--------------|
| Yes | \$19.57 | 35% | \$37.89 | \$1,516 | \$6,062 | |
| No | \$19.00 | 40% | \$34.21 | \$1,368 | \$5,474 | |

<u>Answer:</u> Considering a 40-hour work week, drivers exclusively operating during the 7 most profitable hours, as determined by HPI, could potentially earn an average of \$588 more compared to those driving during randomly selected 7-hour periods.



Details of *Hourly Profitability Index (HPI)* calculation

- HPI is equally driven by Profitability of Trips and Demand for Trips in its calculation
- Each of these drivers has an index (whose calculation is detailed below) that identifies how profitable or high-demand trips are at a given time of day
- Indices are standardized (via Z-Score calculation) and weighted (with equal weighting of 0.5) and then added together to arrive at *HPI* metric

