Statistical Analysis

The following counts were calculated for the Uber and Non_uber rides -

1. Counts of rides requested by Area
2. Counts of rides per day between July'14 - Sep'14.
3. Counts of rides on each weekday between July'14 - Sep'14.

Bar plots have been plotted for the above three parameters.

	Probability for area in max demand	Area	Saturday	Sunday	Avg number of rides	Total Number of rides
Uber July	0.908	New Jersey	0.113	0.095	25681.32	796121
Uber Aug	0.905	Bronx	0.159	0.132	26750.806	829275
Uber Sept	0.914	Bronx	0.157	0.113	34271.2	1028136

Trends

Some interesting trends that were noted -

1. Uber does not seem to be serving in the New York City regions as much as the other cab companies do.
2. Uber does not seem to be a popular option on the weekends.

Additional questions

1. Given the individual weekdays, what times seem to be the peak times for rides being requested for both Uber and non-Uber rides?
2. What areas does other cab companies serve that Uber does not serve at all?