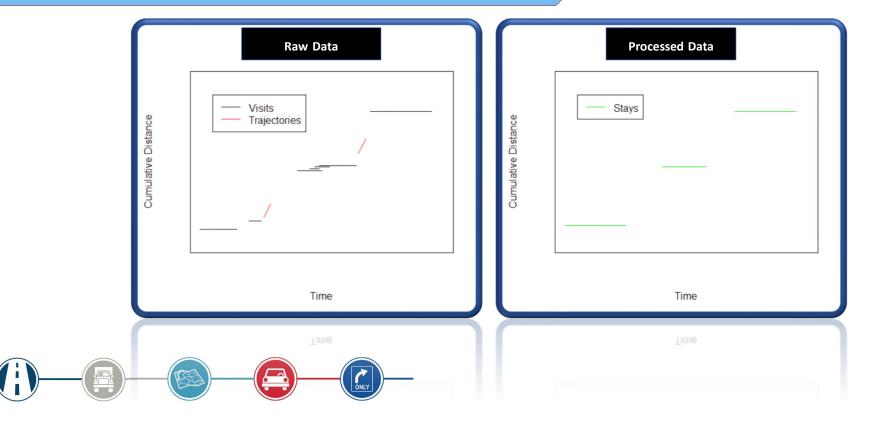






Trip Ends

PROCESS ACTIVITY STAYS

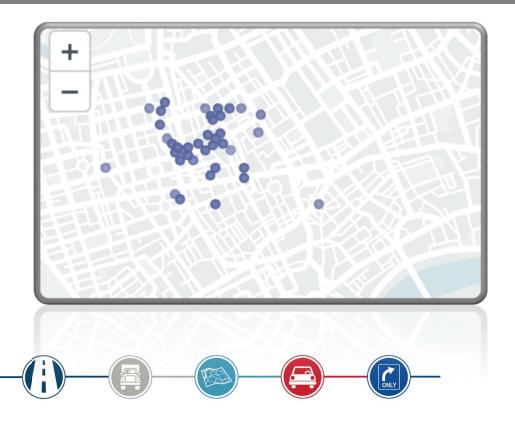






Identify Home & Work Locations

DETERMINE HOME AND WORK LOCATIONS







Key Analysis Elements

- Data
 - LBS: Q2 and Q3 Trips
 - NHTS 2017: Nation-wide Data
- Study Area:
 - Orange County, Osceola County, Seminole County
- Activity Locations
 - Home, Work/School and Others
- Device Employment Status
 - Worker and Non-worker
- Device Residency Status
 - Residents and Visitors
- Day of Week
 - Average Weekday, Average Saturday and Average Sunday

















Resident Device Summaries

County	County Population		Valid D	evices	Tract with Va	alid Devices	Penetrat	ion Rate
			Q2	Q3	Q2	Q3	Q2	Q3
Orange	1,112,932	207	57,605	62,844	207	206	5.2	5.6
Osceola	277,689	41	15,811	17,602	41	41	5.7	6.3
Seminole	389,271	86	19,801	21,900	86	86	5.1	5.6
Total	1,779,892	334	93,217	102,346	334	333	5.3	5.9

County	Devices w/Valid Work Location			Valid Work Location Percent		Median Home-to-Work Distance (mi)		Average Usable Days	
	Q2	Q3	Q2	Q3	Q2	Q3	Q2	Q3	
Orange	34,004	37,213	59.0	59.2	9.4	9.6	30.0	32.2	
Osceola	9,143	10,297	57.8	58.5	12.5	12.4	28.3	31.2	
Seminole	12,373	13,602	62.5	62.1	8.8	8.8	34.4	36.5	
Total	55,520	61,112	59.8	59.9	10.2	10.3	30.9	33.3	















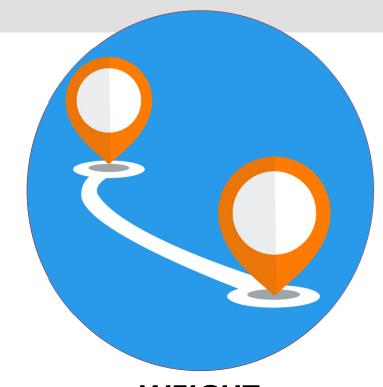
Data Expansion



Weight the Data



WEIGHT THE DEVICES



WEIGHT THE TRIPS















Weight Devices





Resident Expansion Summaries

		Q	2	Q3		
County	Actual Population	Weight Totals for Home County	Weight Totals for Work County	Weight Totals for Home County	Weight Totals for Work County	
Orange	1,112,932	1,112,932	772,727	1,112,932	771,024	
Osceola	277,689	277,689	158,223	277,689	157,326	
Seminole	389,271	389,271	225,871	389,271	224,492	
Total	1,779,892	1,779,892	1,156,821	1,779,892	1,152,841	







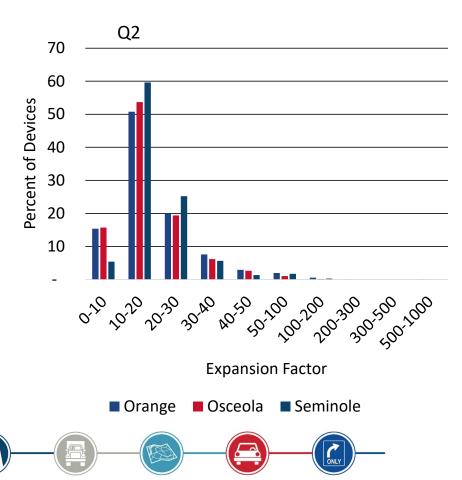


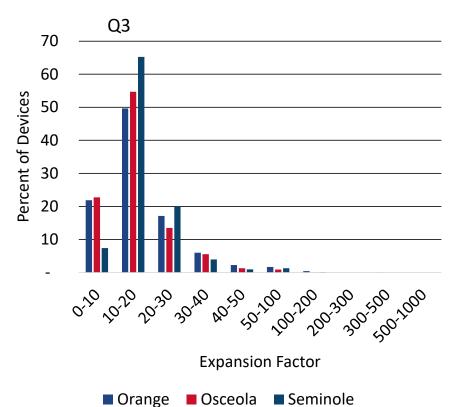






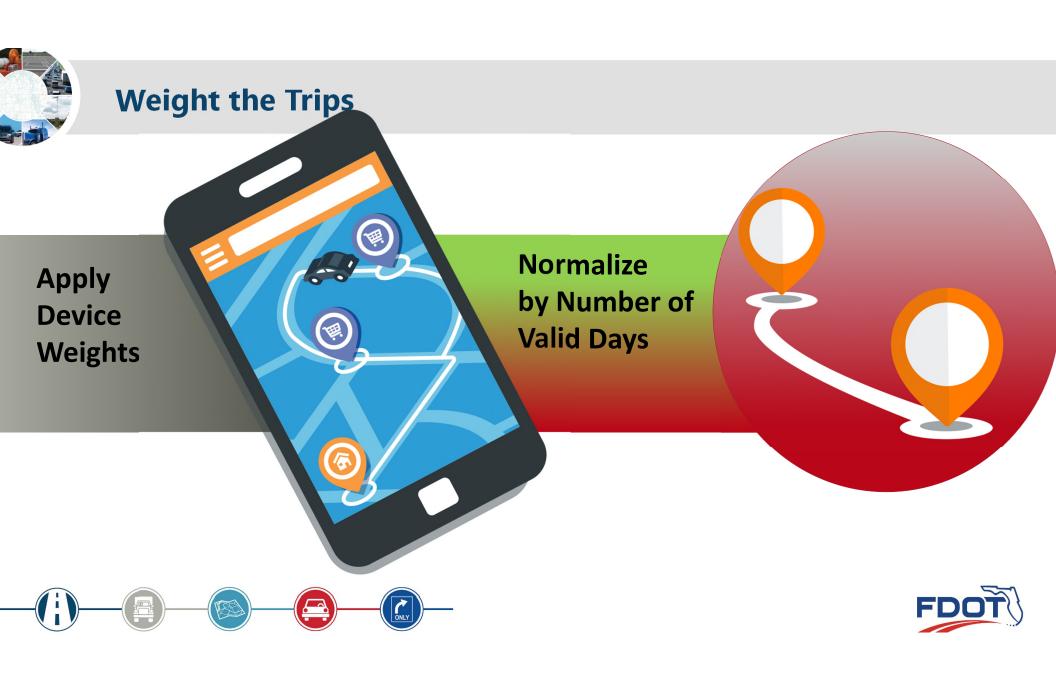
Resident Expansion Weights





Orange







Trip Summaries – Residents



Trip Rates

Total Trips

Country		Q2		Q3			
County	Weekday	Sat	Sun	Weekday	Sat	Sun	
Orange	3,357,028	2,499,472	2,325,197	3,349,252	2,545,834	2,324,921	
Osceola	733,588	555,996	505,483	735,032	557,803	521,381	
Seminole	1,125,622	869,419	783,034	1,103,657	874,189	783,290	
Total	5,216,238	3,924,887	3,613,714	5,187,941	3,977,826	3,629,591	

Total Rates

County		Q2		Q3			
County	Weekday	Sat	Sun	Weekday	Sat	Sun	
Orange	3.07	2.28	2.13	3.06	2.33	2.13	
Osceola	2.69	2.04	1.86	2.70	2.05	1.91	
Seminole	2.94	2.27	2.04	2.88	2.28	2.04	
Total	2.98	2.24	2.07	2.96	2.27	2.07	







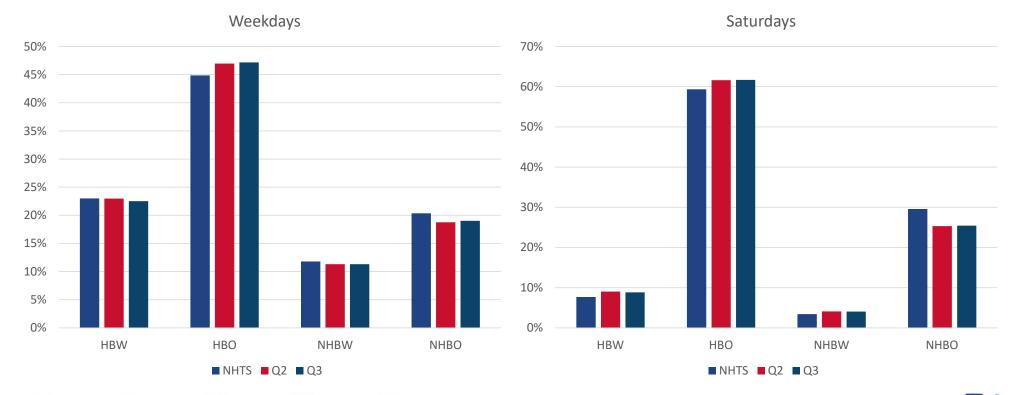








Trip Purpose











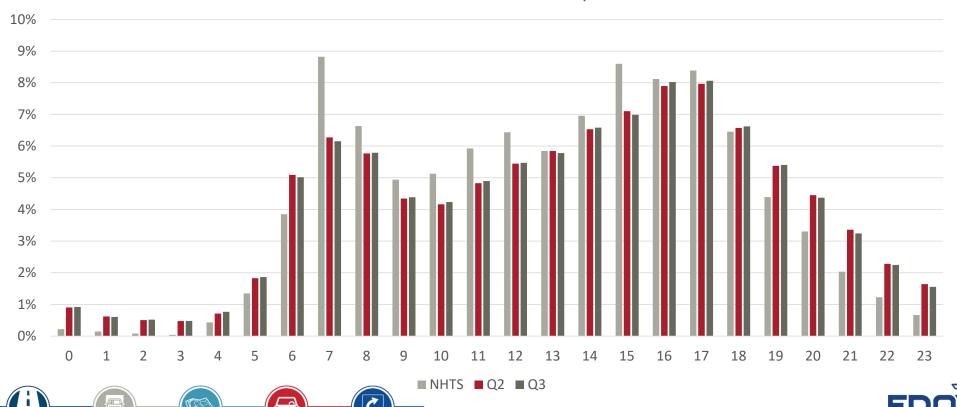






Trip Start Hour

TOD Distribution - Weekday











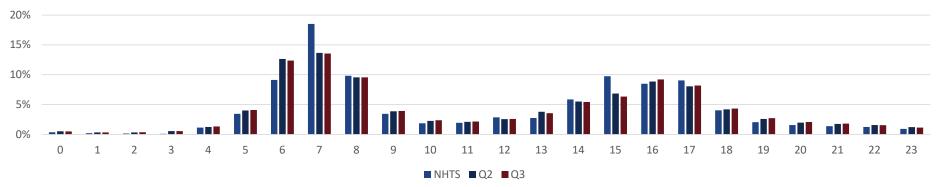




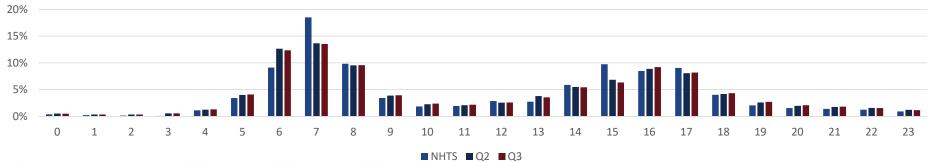


Trip Start Hour by Purpose





TOD Distribution – HBO Trips











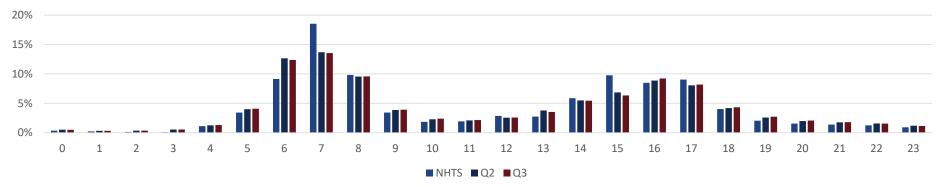




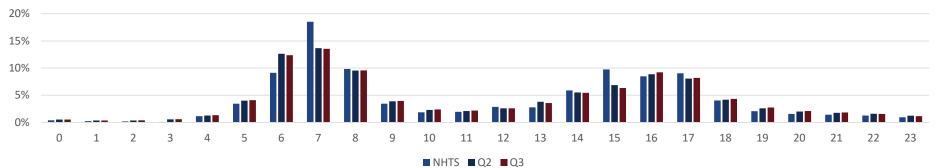


Trip Start Hour by Purpose





TOD Distribution – NHBO Trips











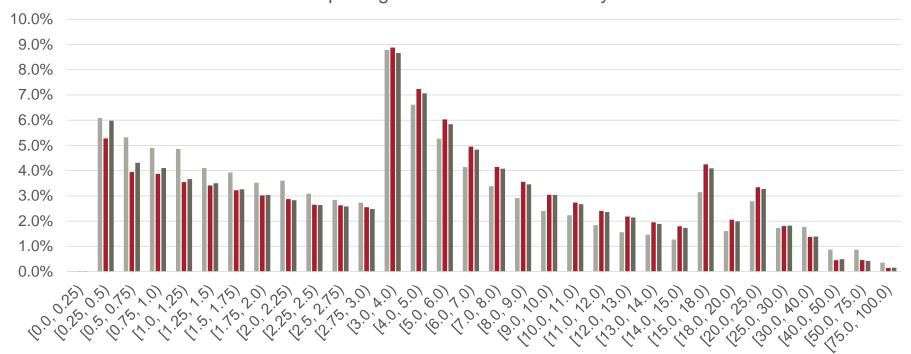






Trip Length Frequencies

Trip Length Distribution - Weekday

















Average Trip Lengths

Trin Durnoco	NHTS			Q2			Q3		
Trip Purpose	Weekday	Sat	Sun	Weekday	Sat	Sun	Weekday	Sat	Sun
1 HBW	9.7	9.9	10.1	10.7	10.4	10.7	10.7	11.9	10.4
2 HBO	5.8	7.9	7.1	7.8	9.2	9.5	7.6	9.1	9.3
3 NHBW	7.7	8.5	7.4	6.9	7.7	8.0	6.8	7.5	7.6
4 NHBO	5.7	7.3	8.0	6.6	7.6	7.9	6.6	7.2	7.5
Overall	6.9	7.9	7.5	8.2	8.9	9.2	8.0	8.8	8.9

Trin Durnoso		NHTS			Q2			Q3	
Trip Purpose	Weekday	Sat	Sun	Weekday	Sat	Sun	Weekday	Sat	Sun
1 Night	9.6	9.2	8.0	8.3	9.0	9.5	7.0	8.3	9.0
2 Sunrise	14.4	15.4	12.7	12.7	11.9	11.7	11.8	11.2	9.9
3 Early AM	10.7	11.2	10.4	11.3	13.3	12.2	11.0	12.7	12.7
4 AM peak	6.7	9.0	7.7	9.1	10.9	10.8	9.1	10.4	10.4
5 Midday 1	6.1	7.2	7.0	6.9	8.3	8.8	6.8	8.3	8.6
6 Midday 2	6.4	7.5	7.4	7.5	8.4	8.7	7.2	8.2	8.4
7 PM peak	7.4	8.0	8.0	8.1	8.3	8.7	8.0	8.3	8.5
8 Evening	6.0	8.1	8.2	7.2	8.3	8.9	7.2	8.2	8.4
9 Late Eve	8.4	9.5	8.2	11.7	11.6	12.3	11.2	12.6	13.4
Overall	6.9	7.9	7.5	8.2	8.9	9.2	8.0	8.8	8.9















Visitor Travel



Total Visitation

Visitors include all people living outside the 3-county region

Total Daily Visitors

	Q2	
Weekday	Sat	Sun
417,604	432,808	363,631

	Q3	
Weekday	Sat	Sun
402,725	406,442	346,533

Top Home States of Visitors

Ctata		Q2		Q3			
State	Weekday	Sat	Sun	Weekday	Sat	Sun	
Florida	55%	62%	60%	56%	65%	64%	
Georgia	3%	4%	3%	3%	3%	2%	
Illinois	3%	2%	2%	2%	2%	2%	
New Jersey	2%	2%	2%	3%	2%	3%	
New York	3%	3%	3%	6%	4%	5%	
Pennsylvania	3%	2%	2%	3%	2%	2%	
Texas	3%	3%	3%	3%	2%	2%	

*Baseline from Other Sources:		daily				
Total Orlando don 75,000,000		205,479				
https://attractionsmagazine.com/visit-orlando-75-million-visitors-2018/						
Total Florida out o 126,100,000 345,479						
https://www.orlandosentinel.com/business/tourism/os-bz-visit-florida-tourism-record-20190220-story.html						











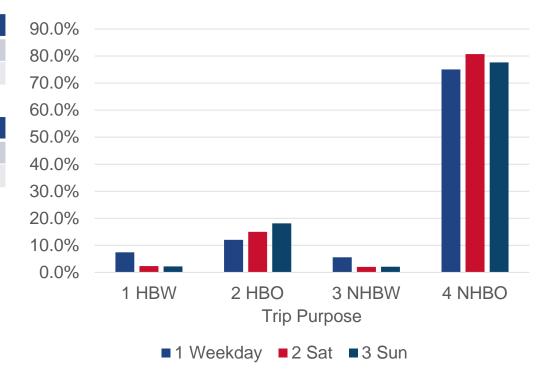




Trip Rates and Trip Purpose

	Q2	
Weekday	Sat	Sun
3.67	3.38	3.26

	Q3	
Weekday	Sat	Sun
3.71	3.36	3.22











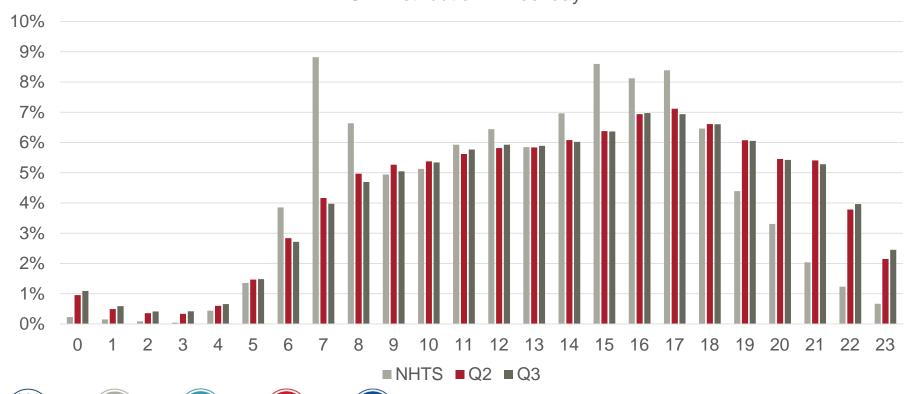






Trip Start Hour

TOD Distribution - Weekday











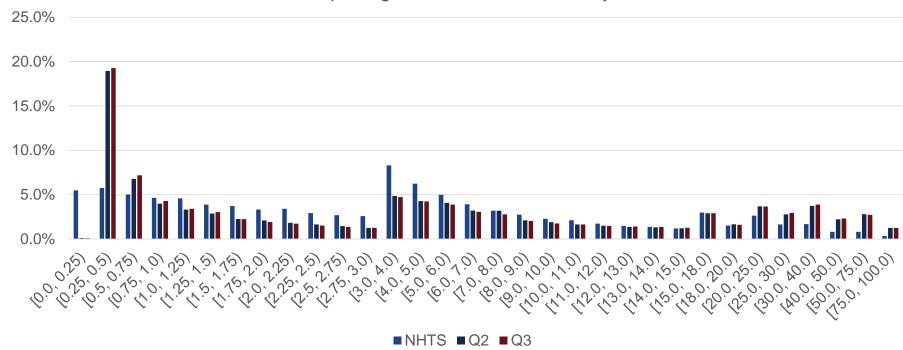






Trip Length Frequencies











Average Trip Lengths

Tuin Duynaga		Q2			Q3	
Trip Purpose	Weekday	Sat	Sun	Weekday	Sat	Sun
HBW	30.9	29.9	27.5	30.1	28.8	29.3
НВО	55.3	52.9	60.1	54.2	48.7	60.2
NHBW	17.3	19.7	21.6	16.3	24.0	23.6
NHBO	10.8	11.3	13.4	10.9	11.7	14.7
Overall	18.0	18.1	22.3	17.9	18.4	24.1















External Trips

Residents

External Trip		Q2			Q3	
Туре	Weekday	Sat	Sun	Weekday	Sat	Sun
I-I	97%	96%	96%	97%	96%	96%
IEEI	3%	4%	4%	3%	4%	4%

Visitors

External Trip		Q2			Q3	
Туре	Weekday	Sat	Sun	Weekday	Sat	Sun
I-I	74%	75%	72%	74%	74%	70%
IEEI	26%	25%	28%	26%	26%	30%















Activity Summaries



General Summaries

Percentage of Activities by County, Day of Week, Location Type, Employment and Residency

Activity County	Q2 (%)	Q3 (%)
Orange County	64	64
Osceola County	15	15
Seminole County	21	21

Employment Status	Q2 (%)	Q3 (%)
Worker	69	68
Non-worker	31	32

Activity Day	Q2 (%)	Q3 (%)
Weekday	73	72
Saturday	14	14
Sunday	13	14

Residency Status	Q2 (%)	Q3 (%)
Resident	84	85
Visitor	16	15

Activity Location	Q2 (%)	Q3 (%)
Home	42	42
Work/School	11	11
Others	47	47

Devices by Employment and Residency, Q2

Francis versant	Residency	
Employment	Resident	Visitor
Worker	20%	43%
Non-worker	13%	24%

Devices by Employment and Residency, Q3

Francis una ant	Residency		
Employment	Resident	Visitor	
Worker	20%	41%	
Non-worker	14%	25%	















Summary List

- Distribution of activities by duration, start hour and end hour
 - Data: LBS and NHTS (for comparison)
 - Measures: Percentage of average weekday and average weekend activities
 - Filters: Location and Employment
- Hourly distribution of activities
 - Data: LBS
 - Measures: Number/Percentage of active devices and activities in average weekday, average Saturday and average Sunday
 - Filters: County, Residency, Employment, Location, Tract







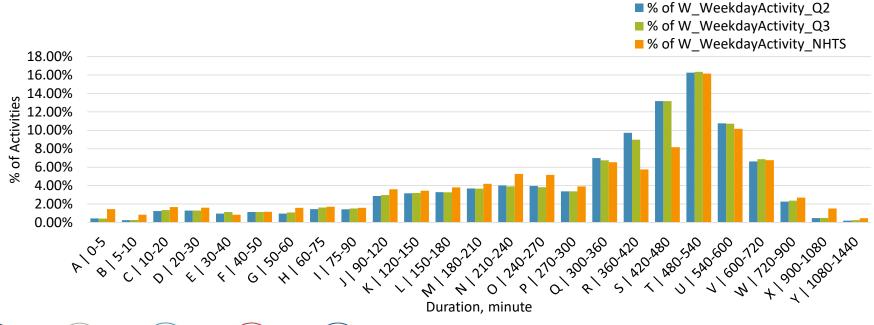






Activity Duration – LBS vs NHTS

Distribution of Work Activity Duration for Resident Workers in Average Weekday











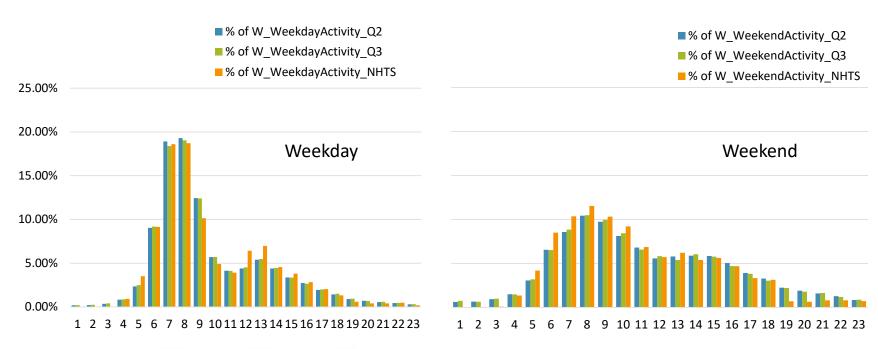






Activity Start Hour – LBS vs NHTS

Start Hour of Work Activities by Residents in Average Weekday and Average Weekend











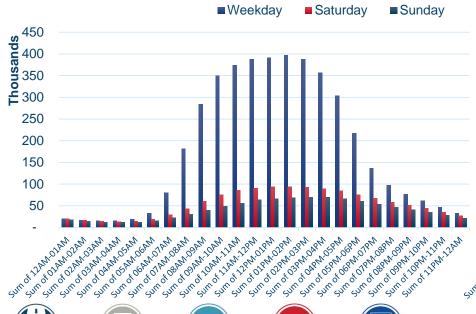




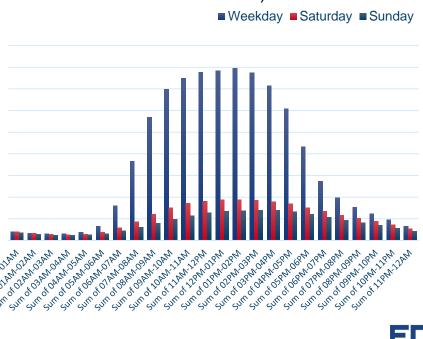


Active People & Activities by Hour of Day

Number of People by Hour of Day in Orange County (For Resident Worker Engaged in Work Activities)



Number of Ongoing Activities by Hour of Day in Orange County (For Resident Worker Engaged in Work Activities)









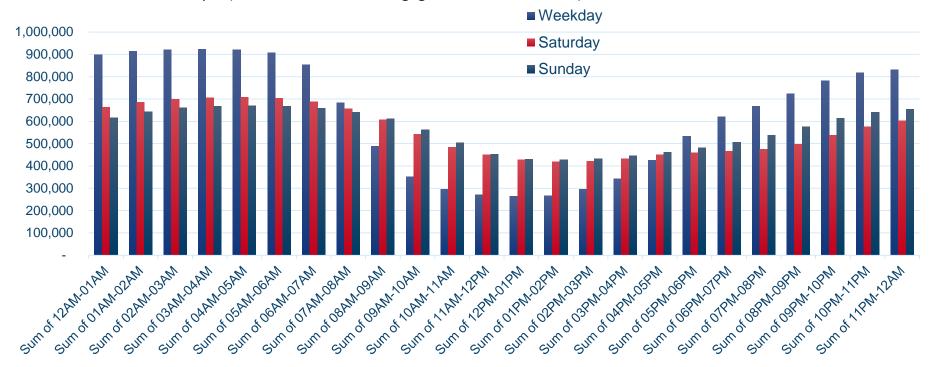






People & Activities by Hour of Day

Number of Active People (For Resident Worker Engaged in Home Activities)

















Disaggregate Counts of Active Devices

Example of hourly counts of people in selected tracts in Orange County in an average weekday

Hourly Distribution	Activity Geography 🖸
	■ Orange County
	12095010200
	12095010300
	12095010400
	12095010500
	12095010802
	12095011000
	12095011100
	12095011200
	12095011300
	12095011600













Saggregate Counts of Active Devices

Example of hourly counts of people in selected tracts in Orange County in an average weekday

Hourly Distribution	Activity Geography 🗹
	■ Orange County
	12095010200
	12095010300
	12095010400
	12095010500
	12095010802
	12095011000
	12095011100
	12095011200
	12095011300
	12095011600

