

# OKI Household Activity and Travel Survey Report 1995

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## 1.1 Research Objectives

In August of 1995, URS Consultants contracted with Market Opinion Research to conduct an activities and travel survey of 3,000 households within the OKI region, the Ohio, Kentucky, Indiana Council of Governments' service area. The primary purpose of this study was to provide OKI with a new data base of travel patterns and behavior to assist in updating the region's transportation models.

The OKI region included in this study encompasses the Ohio counties of Butler, Clermont, Hamilton (including the City of Cincinnati), and Warren; the Indiana county of Dearborn; and the Kentucky counties of Boone, Campbell, and Kenton. Figure 1 shows these counties on an area map. The region covers over 2,615 square miles and is home to 697,468 households (over 1.75 million people).

This database includes socioeconomic, activity, travel, and vehicle information for projecting future patterns of travel, congestion, and air pollution.

## 1.2 Overview of Research Methods

### 1.2.1 Research Units

The household was the basic interviewing unit, for which four types of data were collected:

- household data
- person data
- activity data, and
- trip data.

Respondents were asked to report their activities for a 24-hour period from 3:00 a.m. to 3:00 a.m. on an assigned activity day. The survey included weekday assignments only. Every attempt was made to evenly distribute the diary days across all five days of the week. A trip was reported in this survey whenever there was a change in location between activities.

Completed households were any households in which the diary data were retrieved from all household members regardless of age.

Travel diary days were assigned on weekdays from October 4, 1995 to November 30, 1995. Eliminated were the dates of November 21 through November 24, when Thanksgiving vacation and activities were assumed to result in abnormal travel days.

### 1.2.2 Sample Design

A random-digit-dial (RDD) telephone sample of the region was developed to provide for a  $\pm 1.8\%$  sampling error at the 95% confidence level. Through the randomization process, the sample will include unlisted numbers as well as listed numbers. This level of sampling precision was based on completion of 2870 interviews. Additionally, an oversample of 133

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households, identified last spring through a bus on-board survey as having a member who is a transit rider, was completed (including 39 park and rider users). This oversampling was conducted to assure a sufficient sample size of transit user households for analysis.

The region sample is a probability sample proportional to 1990 county household counts with one exception. Since the Eastern Corridor (an area which includes the eastern portion of Hamilton County and western portion of Clermont County) is currently an important Major Investment Study Area, the sample of 2870 households within the region, included an oversample of zip codes comprising the Eastern Corridor, to allow for a subsample of sufficient size for independent and detailed analysis.<sup>1</sup>

### **1.2.3 Data Collection Methods**

M.O.R. uses a unique systematic method to ensure that travel origin-destination (O-D) surveys are fully representative, and that data collected can be geocoded.

Initially, a sample size of 5000 households was recruited over the telephone, allowing for a final response rate of 60% of the households recruited. The recruitment interview explained the need for the survey, survey procedures, and encouraged full participation on the part of household members. This initial interview also included questions regarding the household's size and their number of vehicles, to ensure monitoring of the sample for representativeness by these characteristics.

This interview was concluded and the household was mailed a cover letter and the appropriate number of activity diaries for every member, along with an assigned activity recording day. However, instead of being asked to mail the diaries back, respondents were informed that M.O.R. would phone the household contact person, the evening following the assigned travel day, to collect their full trip information over the phone. M.O.R.'s activity and travel survey experience has shown the following advantages of the phone retrieval method:

- The phone method best allows the researcher to control for non-response bias and to ensure that each data cell (*such as county, zip code, the number of persons in the household, and number of vehicles available*) is filled as planned, and with representative household income distributions.
- Origination-Destination (O-D) responses can be clarified by the interviewer over the phone, as compared with the mail responses where whatever the respondent has volunteered has to be accepted without benefit of clarification. If the O-D data accepted by the interviewer turns out not to be codable, the interview can be returned to the phone room within one to three days, for phone recontact with the household to clarify the information.
- The phone retrieval method is only minimally more costly, particularly since it is often necessary to go to the phone anyway to collect data from those households, or members of households, who do not respond, or who respond insufficiently to the survey.

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<sup>1</sup> Zip codes were used as the Eastern Corridor sampling unit because telephone exchanges and working bank numbers (*the first five digits*) can best be selected using this unit.

## 2.2.4 Questionnaire Design

Survey instruments were designed by Market Opinion Research (M.O.R.) for both the recruitment and the information retrieval interviews. Once the formats were approved by URS Consultants and OKI representatives, they were programmed into M.O.R.'s customized CATI (Computer Assisted Telephone Interviewing) system.

M.O.R. has developed its own customized CATI system software to accommodate a full range of complicated question formats for activity and travel surveys. The system allows interviewers to enter responses to questions directly into a computer file, and to access information collected from households during previous interviews, or an earlier section of the existing interview. Using M.O.R.'s customized CATI system, the interviewer can "back-up" to correct inaccurate or incomplete data that was supplied. The system also provides faster interviewing, on-line monitoring and editing, remote monitoring, and on-line collection of incidence and sampling/dialing dispositions. It accommodates large numbers of variable codes and complex skip patterns. Variable strings from a sample may be inserted directly into the text of an individual interview. The advantage of M.O.R.'s CATI system is that modifications and programming changes can be made very quickly to meet special needs and requests.

Sample is imported into the CATI's data base and distributed to individual CATI work stations as needed. The disposition of each call is recorded in the database. Computerized sample and quota disposition reports are available on-line to the project manager. Replicate processing and requirements for number substitutions are programmed and maintained electronically. Also, required callbacks are automatically programmed for different days and times, with priority given for scheduled callbacks.

The project consultant team drafted a cover letter and publicity materials to be sent with the mailed diaries to encourage full participation in the survey. The letter and materials were approved and signed by OKI and stressed the public policy importance of the survey and the necessity of receiving completed trip diaries from every household member. No incentives were used for this survey.

The recruitment questionnaire included three qualifying questions: (1) confirmation that the respondent was 18 or older (2) verification that the phone is a residential line (3) verification that the household was within one of the counties included in the survey.

Data collected through the interviewing includes the following:

- Name and home address
- Number in household
- Age of household members
- Sex of household members
- Number of vehicles available
- Make, model, and model year of vehicles
- Type of dwelling unit
- Household income
- Licensed drivers
- Present employment status of household members
- Work name and location of household members
- Activity/trip diaries for each household member including:
  - identification of each activity

- location of each activity, i.e. addresses and/or nearest cross-streets for origination-destination points for each trip segment (*including building or business name, if any*)
- Time of activity segments (*start and end times*)
- Trip distance in time and length
- If Ohio River was crossed, what bridge(s)
- Means of transportation for each segment
- For private vehicle mode:
  - Driver or passenger
  - Number in vehicle
  - Which household vehicle was used
  - Parking costs, who paid, parking location type, minutes to find parking space, and minutes from space to destination
- For regular bus, train, or plane modes:
  - Fare, who paid, and percent paid by employer
  - Access mode and minutes
  - If access mode was household private vehicle, which vehicle
  - Transfers
  - Egress mode and minutes
  - If egress mode was household private vehicle, which vehicle
  - How much would it have cost to park a vehicle at your destination
  - Was a vehicle available for the trip
- For taxi mode:
  - Fare, who paid, and percent paid by employer
  - How much would it have cost to park a vehicle at your destination
  - Was a vehicle available for the trip
- School bus, walked, or bicycle mode:
  - Trip length in minutes
  - Was a vehicle available for the trip

Eastern Corridor household contact persons were asked: "What is the biggest problem you encounter making the types of trips you described to me in this interview?"

Respondents were provided with eleven main activity type categories in which to code their activities, as well as an open-ended "other" category that was coded by M.O.R. The only differentiation of in-home activities required was for "paid work". All other in-home activities were classified as "household activities". Out-of-home main activity classifications were for paid work, errands (*including personal, medical appointments, religious, civic, etc.*), recreation (*visiting, socializing, hobbies, exercise, entertainment, etc.*), meals (*eating out*), chauffeuring family, friends (*picking up/or dropping off passengers*), shopping, general (*groceries, clothes, drugstore, etc.*), shopping, major (*for big items such as car, furniture, home*), cruising (*for travel sake--going for a walk or ride, sightseeing*), school (*classes, homework, tutoring, day care, etc.*).

For this survey, any change in address location was considered a trip, no matter how short. Thus, walking or bicycling around the neighborhood were considered trips.

The mailed activity diaries for each member of the household provided for convenient recording of each activity or trip segment question. A cover letter on OKI stationary explained the purpose of the study and requested the respondent's participation. A fact

sheet in an easy-to-read Question and Answer format was included about the overall research and the uses of the results. Each mailing contained an activity diary for each member of the household. Each diary was labeled with the assigned activity diary date and contained an activity summary key, directions for recording, trip recording tips, and examples. Each question that would be asked on activities or trips during the retrieval interview were included in the diary's inside log format. The diaries were formatted so that respondents would be able to carry them with them for recording on their assigned activity date.

Copies of the recruitment and information retrieval questionnaires and the activity diary have been provided to OKI.

### **2.2.5 Survey Pilot**

For a pilot of the phone interviews, an RDD sample was used to complete 23 interviews. These interviews could be remotely monitored by both URS and OKI representatives. This random sample of respondent households was mailed the activity diaries and recontact phone interviews were conducted to collect the data. Complete sample disposition information was documented and provided, including response rates. The questionnaire data was transferred from the CATI system and frequencies were run to review data requirements. M.O.R. prepared a written report on procedures, response rates, problems encountered, and questionnaire difficulties. The report included a computerized sample disposition report.

### **2.2.6 Geocoding**

M.O.R. uses a systematic method to ensure that travel origin-destination (O-D) data collected can be geocoded. M.O.R. integrates geocoding with the interviewing process. All O-D data from interviews completed during the previous evening are geocoded the following day using the Atlas GIS system. If there are insufficient or inaccurate data to allow geocoding of origin (or destination) points of a trip segment, then the interview is returned to the phone room for immediate recontact of the household respondents by the same interviewer. This quick callback approach best assures that insufficient O-D information is appropriately clarified, and that geocoding problems are corrected and minimized.

The project goal was to attempt to assign latitude and longitude data to each origin-destination point within the data file, using the Atlas GIS system. The system also assigned a census tract and block number.

Each household and trip point address was processed through the Atlas GIS program. If Atlas was unable to assign latitude, longitude on the first pass, M.O.R. proceeded, in order, with the following steps, running subsequent "passes" through the file while increasing the relaxed features with each new pass:

1. Relaxing the side of street (*we never relax the zip code*)
2. Relaxing the street directional prefix or suffix (N,S, etc.)
3. Relaxing the street type (Blvd, Ave, St, etc.)
4. Relaxing the street spelling (searching for corrected spelling)
5. Relaxing the street number (*because no house number was provided or the number does not exist within Atlas 1992 Tiger files*)

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Addresses for which this process does not produce a direct match, or for which multiple matches are produced, are brought into the systems interactive process where M.O.R.'s geocoder specialist can see all of the information about an address on one screen (including the cross streets given). In order, the following are checked, and only the following changes are attempted. *We use street maps, CACI data, the Zip Code Finder, and zip code directories.* After each successive change a new attempt to arrive at a system geocoding is attempted.

1. missing zip codes for the address or street are looked up and entered;
2. the cross street zip codes are looked up to insure that they both have the same zip codes as the address street; if not geocoding is tried after dropping the cross street with a different zip code;
3. the city is checked to see if the zip code or street might be, for example, in Cincinnati instead of Loveland as the respondent listed (post office and in-system geocoding city are sometimes different);
4. Cross streets are checked on a map to see if they intersect; if not, one street and then the other is used to attempt the geocoding with the address;
5. The street spelling is corrected, if the geocoder knows it to be inaccurate, *and all other information matches.*

This interactive geocoding on an individual address basis best enabled M.O.R. to approximate the geocoded location for the address or trip point (*most often this is the nearest major street intersection*), when an exact address could not be obtained from the respondent.

Possible reasons for not getting a match on home addresses are as follows:

- The address is too new --does not appear in the Tiger 1992 files, or the zip code or city for address is not found in Tiger 1992 files.
- The respondents mailing address was a box number, rural route, US Highway, etc. and they gave us the nearest cross street as the information to be geocoded. This nearest cross-street was considered adequate information for the home address as well as trip points during the interviewing phase.

For both home addresses and activity destinations, in the case of small town locations, the name of the town was often sufficient to determine the TAZ, when no other valid address information was available.

Results of the home address geocoding process for the OKI Household Activity and Travel Survey Report were as follows:

2114 matched exactly  
58 required relaxing the side of the street for Atlas to geocode  
54 required relaxing the directionals in the address for Atlas to geocode  
154 required relaxing the street type (blvd. ave, road, etc.) for Atlas to geocode  
147 required Atlas to search for the corrected spelling of the street name (Atlas does not correct the spelling in the data file)  
116 required relaxing the house address number  
357 were arrived at through the interactive process as described

Eventually, all home addresses were assigned to a TAZ.

For 927 activity records with a non-home based destination, 5% of the non-home based trip points, a TAZ could not be assigned.

The reasons for a lack of assigned TAZ are as follows:

- the location is outside region
- our system cannot geocode Eastgate Mall and perhaps a few other addresses
- insufficient information from respondent

Automated assignment of TAZs for both home and trip points was accomplished using a MAPINFO Map of OKI Traffic Analysis Zones (TAZs) provided by OKI, which M.O.R. was able to translate into its ATLAS system.

Some problems were inherent. OKI's MAPINFO and GDT systems and M.O.R.'s Atlas GIS system (*using 1992 Tiger files*) differed in the number of direct address matches made. OKI's system assigned 201 of its direct match home addresses to different TAZs than produced from M.O.R.'s system (*9% of the direct match households*). When these 201 differing locations were visually reviewed on TAZ maps, all but 2 of them were either adjacent zone assignments or one zone away. (*These two points were three zones away, but still very close-by.*) M.O.R. also reviewed over 10% of the 1,735 non-home trip locations differences in TAZ zone assignments visually on the zone maps. Again, these differences between OKI and M.O.R. placement were between adjacent zones or 1 to 4 zones away within dense population areas. All were within the same general area.

The reason for these minor differences is that, using the M.O.R. system (*Atlas GIS, 1992 Tiger files*), a direct match was not found and one of the dimensions listed above was relaxed, or the interactive coding process was used; whereas, using OKI's address matching system (GDT or MAPINFO), a direct match of the address was found and this resulted in a different, but close-by TAZ assignment. TAZ problems of this nature are not unusual.

For the OKI Household Activity and Travel Survey, this TAZ assignment problem for household, activity, and trip locations was resolved as follows:

- In the data file, M.O.R. left in its latitude/longitude descriptions, census codes and block descriptions, with a match code description in an one column, and in another column listed their MAPINFO determined TAZ number.
- in a third column M.O.R. list all TAZ zones, corrected to list OKI's assigned zone where differences existed, since OKI had processed a direct match. This third column was used for generating all trip origin-destination data.

The statistical validity of the OKI Household Activity and Travel Survey is based on collected data from a randomly selected household sample of the region. A respondent or household cannot be removed from the sample, solely on the basis that a TAZ number could not be assigned to one or more of his or her trip locations. Insufficient or incomplete data is inherent when interviewing human beings. They do not respond perfectly. This insufficient data for some of their responses must be allowed to ensure that a randomly selected individual's completed data is included in the aggregated response results. M.O.R. has reviewed respondent and household data to ensure that sufficient responses were collected for the interview to be considered a complete. As an example, there are respondents in the file that took no trips within the 24 hour period, but their responses, nevertheless, need to be included within the survey results.

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## 2.2.7 **Data Collection Training, Verifications, and Data Processing Resources**

M.O.R.'s size (ranks 31st among top research firms in the country) and its ability to commit substantial in-house resources to transportation projects were of prime importance because the project required:

- a commitment of 15-24 highly trained and experienced phone interviewers.
- skilled and trained phone room supervisors and monitors.
- CATI interviewing stations with sophisticated programming capabilities for scheduling interviews, monitoring sample disposition, and gathering and checking trip data from all household members.
- remote client monitoring capabilities.
- continuous in-house monitoring of interviewers by both phone and computer screen.
- an 800 number to answer questions and obtain difficult-to-obtain responses.
- a sophisticated data processing environment.
- a trained and dedicated coding staff familiar with geocoding requirements; and
- a highly skilled professional team in travel behavior, survey instrument development, sampling design, survey monitoring, data processing, analysis, and management recommendations.

M.O.R.'s data collection quality control procedures emphasized sample disposition monitoring. Daily computerized printouts of the sample disposition for the phone survey were available by geographic sector and respondent characteristics to track the validity of the survey and minimize non-response bias. These sample disposition reports were periodically submitted to URS and OKI for review.

The computer is programmed to perform data checks during the course of interviewing such as the following:

- the number in the household and the number of vehicles given in the retrieval interview must match responses given in the recruitment interview
- checking start times of activities against end times for the last activity
- if unemployed persons report work trips
- if persons underage report being drivers

M.O.R. has completed recent household activity and travel surveys for Portland, Maine, Burks County Pennsylvania, and the states of New Hampshire and Indiana. Only interviewers specially trained in collecting activity and travel data were used for this OKI project. These interviewers are trained to perform key checks and verifications such as the following:

- if a new activity does not start at the same place as the destination for the last activity
- if an activity such as an errand or dropping off a passenger is apparent but is not being reported by the respondent. (*The interviewer "backs-up" and enter the newly discovered activity first*).
- prompting the interviewer to verify all reported travel times and lengths over a reasonable limit

M.O.R. asks for the nearest cross streets and the name of the business establishment, even if an address is given, since this information may be important to geocoding if the address contains inaccurate information.

### **2.2.8 Data Analysis and Interpretation**

M.O.R. transferred all survey data to computer files, edited and documented the files, and performed data expansion as required. Data files were submitted to URS and to OKI.

M.O.R. will fully explore the data for statistical significance. The frequency distribution tables provided will include maximum, mean and mode for continuous variables. The data will be presented in tables by trip origin-destination sectors and by trip purpose as specified by URS Consultants, OKI, and OKI's other modeling consultants. All key findings will be presented in summary presentation report formats, with an executive summary of the findings and their implications for the general reader. This technical report provides documentation of the full survey methodology. This technical report includes full sample disposition information including number of households contacted, number of refusals, number of completes.

### 1.3 Sampling Design and Sample Selection

The sampling plan in Table 1.3 - A shows the sampling design, weighting and expansion factors for each strata.

Table 1.3 - A  
Sampling for the 1995 OKI Activity and Travel Survey

Area	1995 Household Counts <sup>2</sup>	% of HHs	Actual Sample Allocation	% of Sample	Weights	Expansion Factor
Central Hamilton	9,657	1.39	15	0.50	2.80	232.49
Inner Hamilton	62,406	8.95	184	6.13	1.46	232.49
Hamilton - Eastern Corridor North of Little Miami River	25,693	3.68	169	5.63	0.65	232.49
Hamilton - Eastern Corridor South of Little Miami River	21,409	3.07	251	8.37	0.37	232.49
Northeast Hamilton	93,354	13.39	387	12.90	1.04	232.49
North Central Hamilton	61,950	8.88	298	9.93	0.89	232.49
Northwest Hamilton	75,806	10.87	411	13.70	0.79	232.49
Clermont - Eastern Corridor	29,254	4.19	203	6.77	0.62	232.49
Other Clermont	29,588	4.24	119	3.97	1.07	232.49
Warren	45,407	6.51	160	5.33	1.22	232.49
Campbell	33,071	4.74	130	4.33	1.09	232.49
Butler	114,312	16.39	376	12.53	1.31	232.49
Boone	23,719	3.40	113	3.77	0.90	232.49
Kenton	56,147	8.05	152	5.07	1.59	232.49
Dearborn	15,695	2.25	32	1.07	2.09	232.49
<b>Regional Sample</b>	<b>697,468</b>	<b>100%</b>	<b>3000</b>	<b>100%</b>	<b>1.00</b>	<b>232.49</b>
<b>Oversamples Included in Above</b>						
Hamilton County Eastern Corridor (oversample)			217			65%
Clermont County Eastern Corridor (oversample)			77			35%
Transit Riders			94			71%
Park & Ride			39			29%

<sup>2</sup> Ohio-Kentucky-Indiana Regional Council of Governments Demographic Report - 1/2/96. Eastern Corridor zip code counts are from "Demographics USA 1995: ZIP Edition", Market Statistics, producers of *The Survey of Buying Power*, New York, NY.

The Eastern Corridor and transit and park and ride samples were undertaken as an oversampling of the proportional regional sampling to provide a sufficient number of households with transit riders for analytical and comparison purposes. The household phone number for the transit and park and ride samples were provided by OKI from data collected as a part of an on-board transit survey conducted last spring. Market Opinion Research screened the sample for working numbers. The sample disposition for transit and park and ride interviewing are shown in Table 1.3 - B below.

Table 1.3 - B  
Sample Disposition for Transit Riders and Park and Ride Users

Sample	Sample Numbers	Contact Accomplished	Recruited Initial Interview	Recruitment Rate	Household Interview Completed	Completion Rate
Transit riders	1681	427	239	56%	94	22%
Park and Ride users	612	127	93	73%	39	31%

Five to eight call attempts were made to each working number within both transit samples. The call ratio (completed interview to sample number) was 1 to 4 for the transit riders and 1 to 5 for park and ride users. Both samples had a lower completion rate than the RDD sample. The total oversample of 133 transit rider interviews, when combined with transit rider households interviewed within the main RDD sample, is considered sufficient for analysis purposes.

Before final weighting and expansion of the data set, the transit rider and park and ride user samples were allocated to their respective household county or corridor sector. Final sample counts, weighting data, and expansion factors are shown in Table 1.3 - A. Weighting and expansion factors were applied using household count estimates supplied by OKI.

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## 1.4 Quality Assurance and Sample Validation

This section presents quality assurance checks provided by comparing expanded data from the OKI Activity and Travel Survey with 1990 Census demographic data, or with available 1995 projected data from OKI and data supplied by Market Statistics (*producers of the Survey of Buying Power*). This section also compares OKI sample data with sample disposition information and data collected recently by Market Opinion Research in its similarly conducted activity and travel surveys for the State of New Hampshire and the State of Indiana. Additionally, M.O.R. includes comparison of OKI sample disposition and data with detailed information and data available from the Southeast Michigan Council of Government's (SEMCOG's) activity and travel survey conducted in 1994 by a consortium of Applied Management & Planning Group (AMPG), Interviewing Service of America (ISA), GIS/Trans, Ltd., APB Associates, and Dr. Peter Stopher. At the Transportation Research Board (TRB) Conference, AMPG also reported the results of a 1995 Dallas-Ft. Worth Pretest of a Household Activity and Travel Survey.

There are some differences in methodology for these surveys which are as followed:

- (1) the Indiana survey did not collect activities and did not include children 5 years old and younger; however, it did include, in addition to a daily travel log for each household member, a log for all trips taken by members over the previous 14 day period that exceeded 75 miles.
- (2) the Southeast Michigan survey by AMPG did not include children five years old and younger; and, four-or-more person households with missing activities or trip information were considered to be complete. Also a \$1 incentive was included with the mailed activity diaries.
- (3) the telephone retrieval method tested by AMPG in Dallas-Ft. Worth included an incentive of either \$2 or a \$2 pen.
- (4) the OKI and New Hampshire surveys were nearly identical in requirements and both included activity and trip logs for children 5 and under.
- (5) All M.O.R. activities and travel surveys do not count or include a household interview as complete unless all members complete the person data, activities data, and trip information.

Sample disposition data is presented in Table 1.4 - A below.

Table 1.4 - A  
Comparison of Sample Data

Survey	Refusal Rate	Completion Rate
M.O.R. OKI Activity and Travel Survey	32%	57% <sup>3</sup>
M.O.R. New Hampshire Activity and Travel Survey	34%	55%
M.O.R. Indiana Travel Survey	32%	57%
AMPG Southeast Michigan Activity and Travel Survey	Unavailable	55%
AMPG Dallas-Ft. Worth Pretest (reported at TRB - 1/96)	35%	46%

Table 1.4 - B shows the weighted and expanded number of households and persons for each county in the OKI region. Table 1.4 - C compares expanded data from the OKI Activity and Household Survey for the number of persons per household with 1995 data for number of persons per household as projected by the Market Statistics (*producers of the Survey of Buying Power*).

<sup>3</sup> Does not include transit rider and park and rider user completion rates previously reported in Table 1.4 - B.

Table 1.4 - B  
Expanded Number of Households  
and Corresponding Expanded Population

Strata	1995 Number of Households	Survey Expanded Population	1995 OKI Projected Population	% Population Difference
Hamilton County	350,331	840,977	886,047	-5.1%
Clermont County	58,795	153,706	165,225	-6.9%
Butler County	114,313	299,993	316,148	-5.1%
Warren County	45,404	128,772	130,055	-1.0%
Campbell County	33,059	83,373	87,684	-4.9%
Other Counties (Boone, Kenton, Dearborn)	95,551	251,856	262,088	-3.9%
<b>Region</b>	<b>697,455</b>	<b>1,758,678</b>	<b>1,847,247</b>	<b>-4.8%</b>

Expanded population data from the OKI survey is 4.8% less than OKI projections for the region; (3.3% less than 1995 population projections by Market Statistics).

It is important to examine expanded data by household size to see if the small underrepresentation of population in the region is due to underrepresentation of larger sized households. Table 1.4 - C shows this comparison. Note that the expanded Hamilton County expanded population data (*the most urbanized sector*) is very close to OKI's 1995 projection (+3.7%).

Table 1.4 - C  
Household Size Comparison  
1995 Market Statistics Projected Data vs. Expanded Survey Data

	Total Households		1 Person		2 Person		3 Person		4+ Person	
<b>Hamilton County</b>										
1995 Projected # of Households	350,331	100%	105,098	30%	105,099	30%	56,054	16%	84,079	24%
Expanded # of Households	350,072	100%	105,720	30%	117,284	33%	47,288	14%	79,779	23%
Survey Percent Difference				0%		3%		-2%		-1%
<b>Clermont County</b>										
1995 Projected # of Households	58,795	100%	10,583	18%	17,639	30%	11,759	20%	18,814	32%
Expanded # of Households	58,864	100%	10,532	18%	23,237	39%	9,902	17%	15,193	26%
Survey Percent Difference				0%		9%		-3%		-6%
<b>Butler County</b>										
1995 Projected # of Households	114,313	100%	24,006	21%	36,580	32%	22,863	20%	30,864	27%
Expanded # of Households	114,515	100%	21,624	19%	42,639	37%	20,101	18%	30,152	26%
Survey Percent Difference				-2%		5%		-2%		-1%
<b>Warren County</b>										
1995 Projected # of Households	45,404	100%	7,265	16%	14,529	32%	9,535	21%	14,075	31%
Expanded # of Households	45,382	100%	6,807	15%	13,898	31%	7,942	18%	16,735	37%
Survey Percent Difference				-1%		-1%		-3%		6%
<b>Campbell County</b>										
1995 Projected # of Households	33,059	100%	8,265	25%	9,587	29%	5,951	18%	9,257	28%
Expanded # of Households	32,944	100%	9,630	29%	10,643	32%	4,055	12%	8,616	26%
Survey Percent Difference				4%		3%		-6%		-2%
<b>Other Counties (Boone, Kenton, Dearborn)</b>										
1995 Projected # of Households	95,551	100%	21,286	22%	28,104	29%	17,831	19%	28,330	30%
Expanded # of Households	95,288	100%	16,363	17%	38,821	41%	14,438	15%	25,667	27%
Survey Percent Difference				-5%		12%		-4%		-3%
<b>Region</b>										
1995 Projected # of Households	697,455	100%	174,364	25%	209,236	30%	125,542	18%	188,313	27%
Expanded # of Households	697,065	100%	170,676	24%	246,523	35%	103,725	15%	176,141	25%
Survey Percent Difference				-1%		5%		-3%		-2%

This analysis shows that two-person households are slightly overrepresented in Clermont County and the "other" counties of Boone, Kenton, and Dearborn. The latter may be due to undersampling in Kenton and Dearborn; however, within all four of these counties, the overrepresentation of two person households did not lead to significant underrepresentation of any other household size category.

It is important to note that overall, and within each county, households with four or more persons are not significantly underrepresented in the OKI study as is frequently the case in travel surveys. *(In the SEMCOG survey, AMPG considered household interviews with four or more persons complete if only one member's activity/travel diary was missing, in order to compensate for this anticipated problem.)* The OKI household Activity and Travel Survey achieved proportional representation of households by size within Hamilton County (Cincinnati). This level of proportional representation within urban counties is often difficult to obtain.

Table 1.4 - D presents comparison of expanded sample data for household income with 1995 data taken from Market Statistics.

Table 1.4 - D  
Household Income  
1995 Projected Number of Households vs. Expanded Survey Data<sup>4</sup>

Annual Income Levels	Total Households		Under \$50,000		Over \$50,000	
<b>Hamilton County</b>						
1995 Projected # of Households	320,090	100%	204,858	64%	115,232	36%
Expanded Number of Households	321,597	100%	209,369	65%	112,228	35%
Percent Difference				1%		-1%
<b>Clermont County</b>						
1995 Projected # of Households	55,680	100%	35,078	63%	20,602	37%
Expanded Number of Households	56,035	100%	32,956	59%	23,079	41%
Percent Difference				-5%		5%
<b>Butler County</b>						
1995 Projected # of Households	107,483	100%	68,789	64%	38,694	36%
Expanded Number of Households	107,207	100%	57,258	54%	49,949	46%
Percent Difference				-10%		10%
<b>Warren County</b>						
1995 Projected # of Households	40,205	100%	20,505	51%	19,700	49%
Expanded Number of Households	40,560	100%	20,422	50%	20,138	50%
Percent Difference				-1%		1%
<b>Campbell County</b>						
1995 Projected # of Households	29,783	100%	11,233	59%	18,550	41%
Expanded Number of Households	29,650	100%	19,514	66%	10,136	34%
Percent Difference				7%		-7%
<b>Other Counties (Boone, Kenton, Dearborn)</b>						
1995 Projected # of Households	83,640	100%	51,457	62%	32,183	38%
Expanded Number of Households	83,096	100%	46,521	56%	36,575	44%
Percent Difference				-6%		6%
<b>Region</b>						
1995 Projected # of Households	636,917	100%	401,258	63%	235,659	37%
Expanded Number of Households	638,143	100%	386,037	61%	252,106	39%
Percent Difference				-2		2%

Underrepresentation of lower income households is not large (-2%) regionwide. No income adjustments in the expanded data are necessary. Income data was obtained from 92% of the respondent households within the region. Respondent households within the urban area of Hamilton County are representative by income.

Finally, as a quality assurance check M.O.R. compared the number of vehicles available to a household in the expanded data vs. 1990 Census data (1995 data for number of vehicles by household was not available). Table 1.4 - E shows these results.

<sup>4</sup> Income information was obtained for 92% of households interviewed within the region.

Table 1.4 - E  
 Number of Vehicles Per Household  
 1990 Number of Vehicles Per Household vs. Expanded Survey Data

	1 Vehicle		2 Vehicles		3 Vehicles		4+ Vehicles	
<b>Hamilton County</b>								
1990 Number of Households	117,481	40%	118,965	42%	36,187	13%	13,890	5%
Expanded # of Households	113,881	35%	155,487	48%	39,949	13%	13,936	4%
Survey Percent Difference		-5%		6%		0%		-1%
<b>Clermont County</b>								
1990 Number of Households	14,109	28%	22,897	46%	9,156	18%	4,020	8%
Expanded of Households	12,601	22%	29,903	51%	13,243	22%	1,244	5%
Survey Percent Difference		-6%		5%		4%		-3%
<b>Butler County</b>								
1990 Number of Households	30,482	23%	45,614	55%	15,032	16%	6,349	6%
Expanded # of Households	26,497	23%	61,826	55%	18,883	17%	6,091	5%
Survey Percent Difference		0%		0%		-1%		1%
<b>Warren County</b>								
1990 Number of Households	9,296	25%	17,857	47%	7,393	20%	3,266	8%
Expanded # of Households	9,360	21%	23,258	51%	7,375	16%	5,389	12%
Survey Percent Difference		-4%		4%		-4%		4%
<b>Campbell County</b>								
1990 Number of Households	10,140	38%	11,240	42%	3,868	14%	1,669	6%
Expanded # of Households	10,897	33%	14,951	46%	4,055	13%	2,534	8%
Survey Percent Difference		-5%		4%		-1%		2%
<b>Other Counties (Boone, Kenton, Dearborn)</b>								
1990 Number of Households	25,661	33%	34,600	44%	12,181	16%	5,473	7%
Expanded # of Households	23,742	25%	45,559	48%	19,892	21%	5,775	6%
Survey Percent Difference		-8%		4%		5%		-1%
<b>Region</b>								
1990 Number of Households	207,169	35%	251,173	44%	83,917	15%	34,667	6%
Expanded # of Households	196,977	29%	330,984	50%	103,395	15%	36,554	6%
Survey Percent Difference		-4%		5%		0%		0%

Differences are not at a significant level. Two car households are not significantly overrepresented--the most frequent occurring distortion in travel surveys. Using expanded data, the activity and trip diaries of 27,462 households with no vehicles available are included in the database for analysis (4% of the sample, or 7% of Hamilton County households).

Table 1.4 - F presents expanded population data by age. This age distribution is consistent with projected data by *Market Statistics*.

Table 1.4 - F  
Expanded Population Data by Age for Counties and the Eastern Corridor

Age	Region	Hamilton	Clermont	Warren	Campbell	Butler	Other	Eastern Corridor
0 to 5	150,356 8.5%	76,447 9.1%	11,631 7.6%	13,615 10.6%	8,109 9.7%	21,624 7.2%	18,929 7.5%	14,805 7.6%
6 to 20	380,807 21.7%	174,600 20.8%	35,729 23.2%	30,633 23.8%	17,739 21.3%	68,526 22.8%	53,580 21.3%	35,995 19.5%
21 to 30	206,198 11.7%	113,890 13.5%	15,116 9.8%	11,062 8.6%	10,137 12.2%	32,893 11.0%	23,100 9.2%	21,540 12.0%
31 to 40	336,367 19.1%	162,706 19.3%	30,610 19.9%	27,797 21.6%	15,712 18.8%	58,476 19.5%	41,067 16.3%	34,681 19.1%
41 to 50	303,334 17.2%	134,579 16.0%	27,257 17.7%	24,393 18.9%	12,924 15.5%	55,735 18.6%	48,446 19.2%	35,018 19.3%
51 to 60	180,640 10.3%	79,349 9.4%	18,560 12.1%	10,495 8.1%	9,376 11.2%	30,456 10.2%	32,404 12.9%	18,848 10.1%
61 to 70	121,715 6.9%	57,423 6.8%	8,686 5.7%	6,524 5.1%	6,589 7.9%	21,319 7.1%	21,175 8.4%	14,365 7.9%
71+	72,365 4.1%	38,038 4.5%	5,291 3.4%	3,971 3.1%	2,534 3.0%	10,660 3.6%	11,871 4.7%	6,831 3.8%
Refused	6,896 0.4%	3,945 0.5%	825 0.5%	284 0.2%	253 0.3%	305 0.1%	1,283 0.5%	577 0.3%
Total	1,758,678	840,977	153,706	128,772	83,373	299,993	251,856	182,660

Breakdown of respondents by sex for the region is 48.4% males and 51.6% females. The percent of all respondents who are licensed drivers by county and for the region is as shown in Table 1.4 - G below.

Table 1.4 - G  
Expanded Population Data for Licensed Drivers

%	Region	Hamilton	Clermont	Warren	Campbell	Butler	Other	Eastern Corridor
Licensed Drivers	1,248,025 71%	583,122 69%	109,489 71%	91,615 71%	59,806 72%	215,021 72%	188,973 75%	53,766 74%

For the region, the percent of all respondents (including children) working outside the home is 53%. The percent of over 14 year olds working outside the home is 69.6%. For the region, the percent of all respondents doing paid work at home is 7.1%; the percent of over 14 year olds doing paid work at home is 9.4%. The percent conducting paid work at home was highest in Clermont County (11.2% of over 14 year olds), and lowest in Campbell County (6.9% of those over 14 years old).

*Summary Quality Assurance and Sample Validation*

Comparisons of expanded sample data with data projected from the 1990 Census demonstrate that the sample for the OKI Household Activity and Travel Survey is very representative by household size, household income, and number of vehicles. Survey adjustments based on weighting of any of these demographic factors is, therefore, unnecessary. In fact, such weighting could be expected to introduce more potential bias into the random sampling process than it could potentially correct.

**1.5 Summary Activity and Trip Findings**

Table 1.5 - A  
Summary of Expanded Activity and Trip Counts by County and Eastern Corridor  
Activities/Trips Per Household

	Number of Households	Activities	Trips	Total Activities and Trips	Average Total Per HH	Average Trips Per HH
Hamilton County	350,072	1,160,936	3,283,063	4,443,999	12.7	9.4
Clermont County	58,864	215,239	584,889	800,128	13.6	9.9
Butler County	114,515	418,468	1,133,884	1,552,352	13.6	9.9
Warren County	45,382	193,725	488,424	682,149	15.0	10.8
Campbell County	32,944	119,105	350,978	470,083	14.3	10.7
Other Counties (Boone, Kenton, Dearborn)	95,288	354,845	1,000,688	1,355,533	14.2	10.5
<b>Region</b>	<b>697,065</b>	<b>2,462,318</b>	<b>6,843,701</b>	<b>9,306,019</b>	<b>13.4</b>	<b>9.8</b>
Eastern Corridor	76,391	247,736	739,472	987,208	12.9	9.7

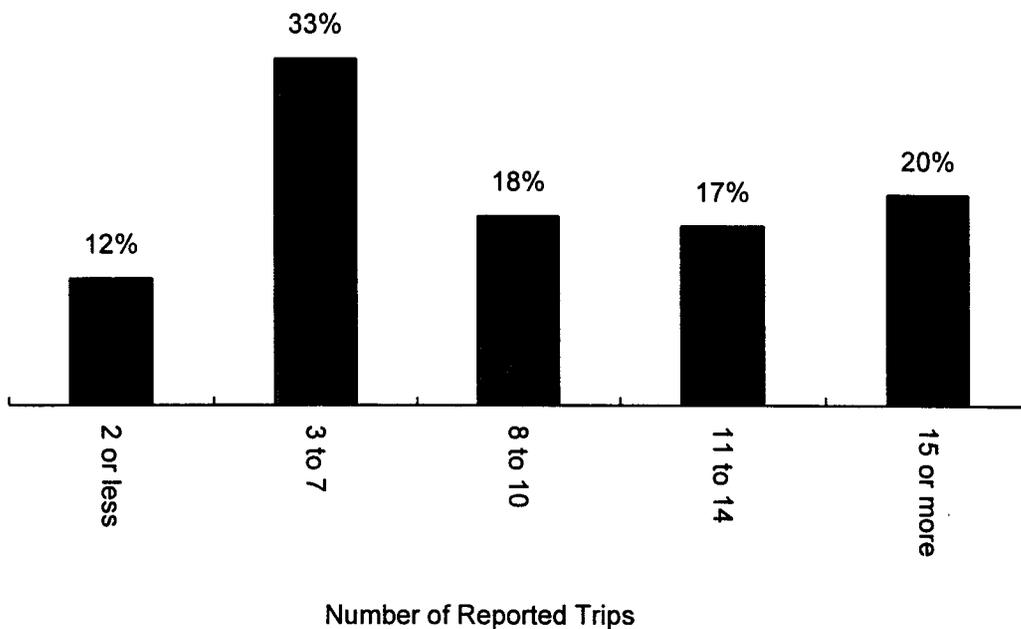
Table 1.5 - B  
Summary of Expanded Activity and Trip Counts by County and Eastern Corridor  
Activities/Trips Per Person

	Number of Persons	Total Activities and Trips	Trips	Average Total Per Person	Average Trips Per Person
Hamilton County	840,977	4,443,999	3,283,063	5.5	3.9
Clermont County	153,706	800,128	584,889	5.2	3.8
Butler County	299,993	1,552,352	1,133,884	5.2	3.8
Warren County	128,772	682,149	488,424	5.3	3.8
Campbell County	83,373	470,083	350,978	5.6	4.2
Other Counties (Boone, Kenton, Dearborn)	251,856	1,355,533	1,000,688	5.4	4.0
<b>Region</b>	<b>1,758,678</b>	<b>9,306,019</b>	<b>6,843,701</b>	<b>5.3</b>	<b>3.9</b>
Eastern Corridor	182,660	987,208	739,472	5.4	4.0

It should be noted that children 0 to 5 years old are included in the population count used to compute per person trip averages. Household travel surveys that exclude this age group can be expected to have a higher per person trip average.

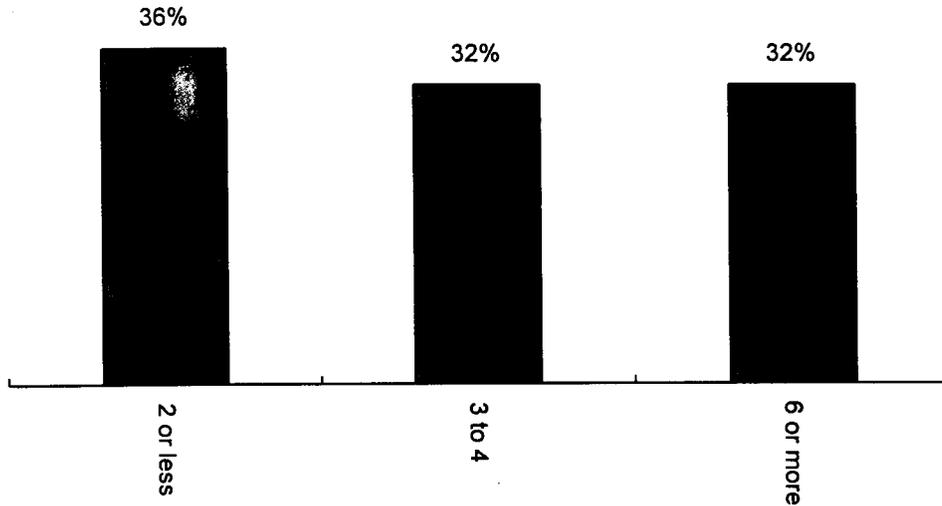
While trips per person and trips per household provide useful average data, the more important question is the degree to which the survey captured the travel patterns of those households and individuals whose number of trips per day are well above the average. Chart 1.5 - C shows the distribution in the number of trips by household and Chart 5.1 - D shows the distribution of the number of trips by person. Again the per person distribution includes respondents age 0 to 5.

Chart 1.5 - C  
Household Distribution by Number of Trips



Twenty percent of households in the region reported 15 or more trips, and 37% 8 or more trips. The distribution of the number of trips reported by households did not vary significantly across counties.

Chart 1.5 - D  
Population Distribution by Number of Trips



Number of Reported Trips

About a third of respondents reported 6 or more trips for their assigned travel day. Again, it should be noted that the population distribution includes 8.5% of 0 to 5 year olds.

Chart 1.5 - E shows a breakdown of regional trips by the start point of respondents. Half of all trips within the region have their start point within Hamilton County.

Chart 1.5 - E  
Distribution of Regional Trips by Trip Start Point

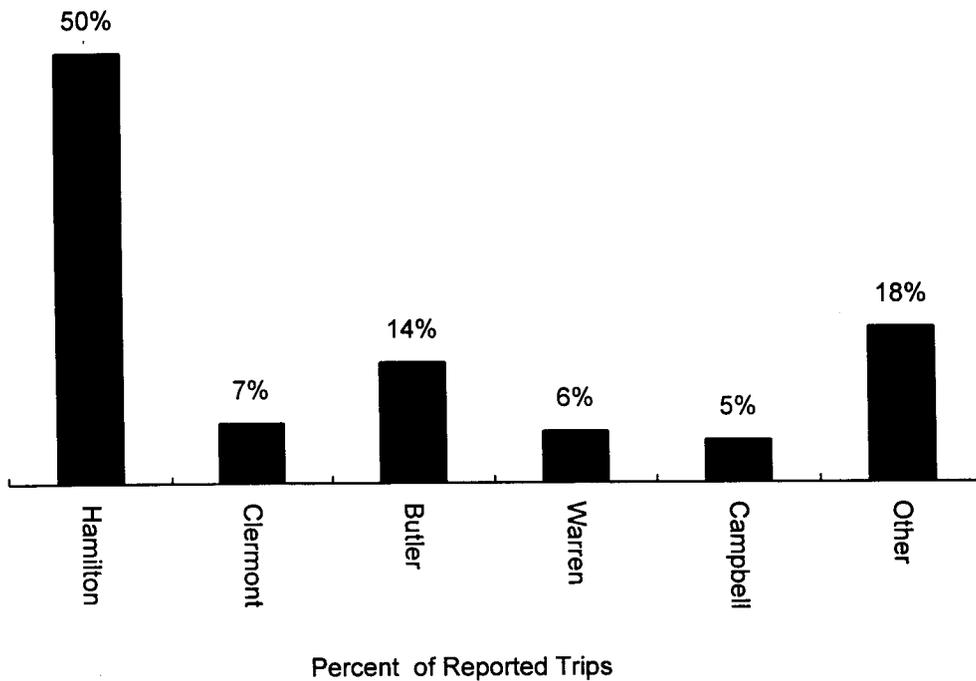
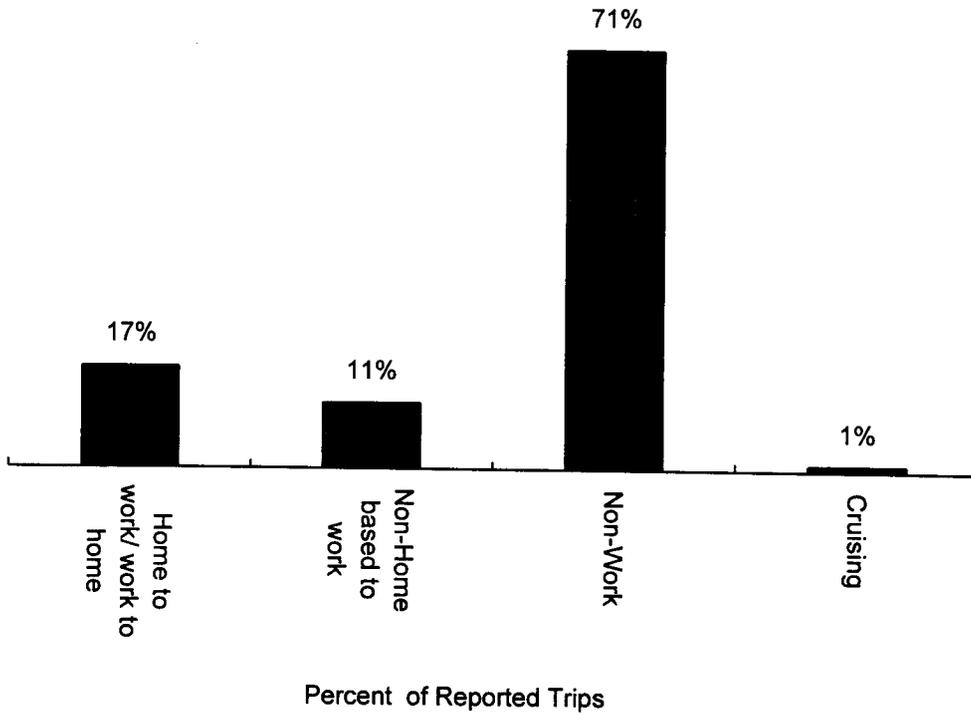


Chart 1.5 - F shows the distribution of reported trips by the type of trip activity.

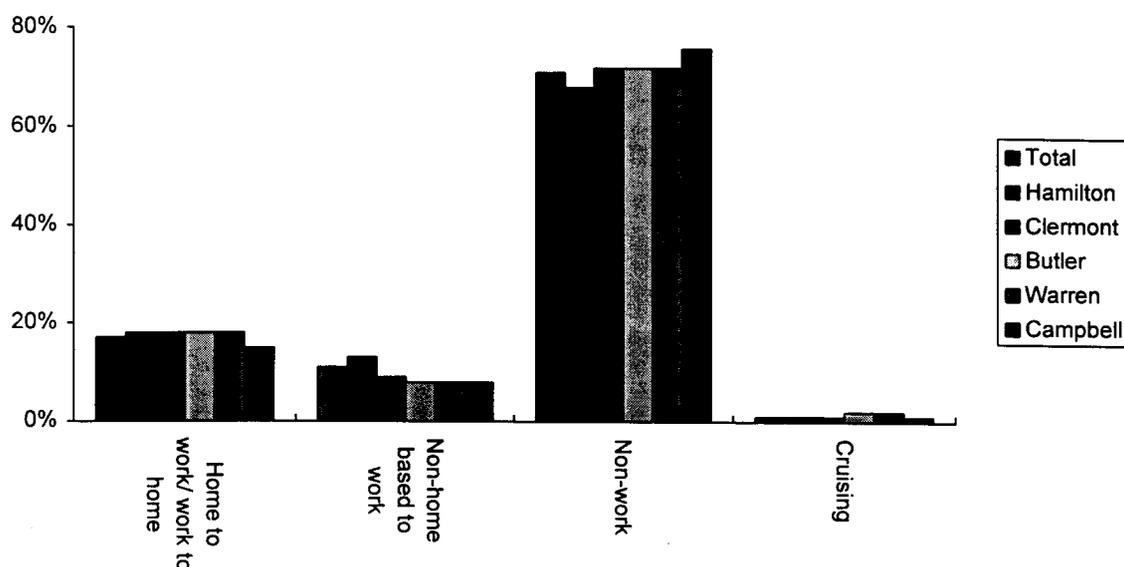
Chart 1.5 - F  
Distribution of Trips by Activity - 24 Hour Period



Twenty-eight percent of all trips within the region are work related and 71% are non-work trips.

The proportional trip activity by the county in which the trip was started is shown in Chart 1.5 - G.

Chart 1.5 - G  
Distribution of the Activity of Trips by County Start Point



Percent of Reported Trips

The distribution of types of trip by activity (trip purpose) does not vary much by county in which the trip was started, with the exception that a higher proportion of trips with their start point in Hamilton County are non-home based to work, and a higher proportion of trips started in Campbell County are non-work trips. Table 1.5 - H below contains the trip counts for each type of trip by the geographic area of its start point.

Table 1.5 - H  
Table of Trip Counts by Activity and County Start Point  
*Expanded Counts*

County Start Point	Trip Activity				Total
	Home to work/ work to home	Non-home based work	Non-work	Cruising	
Hamilton	606,346	449,647	2,354,019	38,800	3,448,812
Clermont	91,543	45,075	364,316	5,317	506,251
Butler	177,302	82,229	708,032	15,837	983,400
Warren	71,977	33,825	289,148	6,807	401,757
Campbell	44,785	23,644	231,472	2,027	301,928
Other	178,311	126,714	891,474	5,454	1,201,953
Total	1,170,264	761,134	4,838,461	74,242	6,844,101

# OKI TRANSPORTATION STUDY

## Household Size

	HAMILTON										CLERMONT					
	Eastern Corridor					North					Eastern Corridor					
	Central	Inner	N. Of LMR	S. Of LMR	Total	North-east	Central	North-west	Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
Total sample	9765	62456	25539	21591	93573	61661	75487	350072	29261	29603	58864	45382	32944	114515	95288	697065
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	1.40	8.96	3.66	3.10	13.42	8.85	10.83	50.22	4.20	4.25	8.44	6.51	4.73	16.43	13.67	100.00
One	5859	27155	12089	3527	24904	15105	17081	105720	6054	4478	10532	6807	9630	21624	16363	170676
	60.00	43.48	47.34	16.33	26.61	24.50	22.63	30.20	20.69	15.13	17.89	15.00	29.23	18.88	17.17	24.48
	3.43	15.91	7.08	2.07	14.59	8.85	10.01	61.94	3.55	2.62	6.17	3.99	5.64	12.67	9.59	100.00
Two	2604	17311	7707	6968	34334	23382	24979	117284	12541	10697	23237	13898	10643	42639	38821	246523
	26.67	27.72	30.18	32.27	36.69	37.92	33.09	33.50	42.86	36.13	39.48	30.63	32.31	37.23	40.74	35.37
	1.06	7.02	3.13	2.83	13.93	9.48	10.13	47.58	5.09	4.34	9.43	5.64	4.32	17.30	15.75	100.00
Three	651	9165	2267	4473	12815	7449	10469	47288	4180	5722	9902	7942	4055	20101	14438	103725
	6.67	14.67	8.88	20.72	13.70	12.08	13.87	13.51	14.29	19.33	16.82	17.50	12.31	17.55	15.15	14.88
	0.63	8.84	2.19	4.31	12.35	7.18	10.09	45.59	4.03	5.52	9.55	7.66	3.91	19.38	13.92	100.00
Four or more	651	8825	3476	6624	21519	15726	22958	79779	6486	8707	15193	16735	8616	30152	25667	176141
	6.67	14.13	13.61	30.68	23.00	25.50	30.41	22.79	22.17	29.41	25.81	36.88	26.15	26.33	26.94	25.27
	0.37	5.01	1.97	3.76	12.22	8.93	13.03	45.29	3.68	4.94	8.63	9.50	4.89	17.12	14.57	100.00

# OKI TRANSPORTATION STUDY Income

	HAMILTON										CLERMONT					
	Eastern Corridor					North					Eastern					
	Central	Inner	N. Of LMR	S. Of LMR	North-east	Central	West	Total	Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
Total Sample	9765	62456	25539	21591	93573	61661	75487	350072	29261	29603	58864	45382	32944	114211	95288	696761
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.73	100.00	99.96
	1.40	8.96	3.67	3.10	13.43	8.85	10.83	50.24	4.20	4.25	8.45	6.51	4.73	16.39	13.68	100.00
Below \$10,000	1302	7468	604	172	2660	2276	2020	16502	432	249	681	851	507	3046	2567	24153
	13.33	11.96	2.37	0.80	2.84	3.69	2.68	4.71	1.48	0.84	1.16	1.88	1.54	2.66	2.69	3.47
	5.39	30.92	2.50	0.71	11.01	9.42	8.36	68.32	1.79	1.03	2.82	3.52	2.10	12.61	10.63	100.00
\$10,000 to below \$20,000	3255	13917	2116	946	8463	4552	7347	40595	2595	1990	4585	2269	2281	9746	5133	64609
	33.33	22.28	8.28	4.38	9.04	7.38	9.73	11.60	8.87	6.72	7.79	5.00	6.92	8.51	5.39	9.27
	5.04	21.54	3.27	1.46	13.10	7.05	11.37	62.83	4.02	3.08	7.10	3.51	3.53	15.08	7.95	100.00
\$20,000 to below \$30,000	651	15614	3929	1720	12331	10139	10285	54670	4468	5224	9693	5389	5322	14010	15400	104483
	6.67	25.00	15.38	7.97	13.18	16.44	13.63	15.62	15.27	17.65	16.47	11.88	16.15	12.23	16.16	14.99
	0.62	14.94	3.76	1.65	11.80	9.70	9.84	52.32	4.28	5.00	9.28	5.16	5.09	13.41	14.74	100.00
\$30,000 to below \$40,000	651	7807	4836	2581	14507	10967	13040	54389	4324	5224	9548	5389	6082	16142	13475	105025
	6.67	12.50	18.93	11.95	15.50	17.79	17.27	15.54	14.78	17.65	16.22	11.88	18.46	14.10	14.14	15.07
	0.62	7.43	4.60	2.46	13.81	10.44	12.42	51.79	4.12	4.97	9.09	5.13	5.79	15.37	12.83	100.00
\$40,000 to below \$50,000	651	4752	1813	3097	11606	8070	13224	43213	4468	3980	8449	6524	5322	14314	9946	87767
	6.67	7.61	7.10	14.34	12.40	13.09	17.52	12.34	15.27	13.45	14.35	14.38	16.15	12.50	10.44	12.59
	0.74	5.41	2.07	3.53	13.22	9.19	15.07	49.24	5.09	4.53	9.63	7.43	6.06	16.31	11.33	100.00
\$50,000 to below \$60,000	651	2715	1662	2237	8463	8897	9183	33809	3604	4975	8579	5956	2788	13401	15400	79932
	6.67	4.35	6.51	10.36	9.04	14.43	12.17	9.66	12.32	16.81	14.57	13.13	8.46	11.70	16.16	11.47
	0.81	3.40	2.08	2.80	10.59	11.13	11.49	42.30	4.51	6.22	10.73	7.45	3.49	16.77	19.27	100.00
\$60,000 to below \$70,000	-	1697	1662	2151	7495	3931	4775	21712	3027	2985	6012	4538	1774	11878	8342	54256
	-	2.72	6.51	9.96	8.01	6.38	6.33	6.20	10.34	10.08	10.21	10.00	5.38	10.37	8.75	7.78
	-	3.13	3.06	3.96	13.81	7.25	8.80	40.02	5.58	5.50	11.08	8.36	3.27	21.89	15.37	100.00

# OKI TRANSPORTATION STUDY

## Income

	HAMILTON										CLERMONT						
	Eastern Corridor										Total	Other	Total	Other			
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Total	Eastern Corridor	Other							
\$70,000 to below \$80,000	-	1.697	1813	2323	7012	2897	3857	19599	2018	1244	3262	1244	3262	2027	7919	5133	41344
	-	2.72	7.10	10.76	7.49	4.70	5.11	5.60	6.90	4.20	5.54	4.20	5.54	6.15	6.91	5.39	5.93
	-	4.11	4.39	5.62	16.96	7.01	9.33	47.40	4.88	3.01	7.89	3.01	7.89	4.90	19.15	12.42	100.00
\$80,000 to below 100,000	6.51	1358	1662	1978	5078	2069	2939	15735	1730	1493	3222	1493	3222	2027	7614	3529	34964
	6.67	2.17	6.51	9.16	5.43	3.36	3.89	4.49	5.91	5.04	5.47	5.04	5.47	6.15	6.65	3.70	5.02
	1.86	3.88	4.75	5.66	14.52	5.92	8.40	45.00	4.95	4.27	9.22	4.27	9.22	5.80	21.78	10.09	100.00
\$100,000 to below \$125,000	-	1018	1511	1376	4594	828	1286	10613	432	249	681	249	681	1014	4873	1604	21622
	-	1.63	5.92	6.37	4.91	1.34	1.70	3.03	1.48	0.84	1.16	0.84	1.16	3.08	4.26	1.68	3.10
	-	4.71	6.99	6.37	21.25	3.83	5.95	49.09	2.00	1.15	3.15	1.15	3.15	4.69	22.54	7.42	100.00
\$125,000 to below \$150,000	-	-	453	344	1451	207	551	3006	288	249	537	249	537	253	2132	963	7175
	-	-	1.78	1.59	1.55	0.34	0.73	0.86	0.99	0.84	0.91	0.84	0.91	0.77	1.86	1.01	1.03
	-	-	6.32	4.80	20.22	2.88	7.68	41.90	4.02	3.47	7.49	3.47	7.49	3.53	29.71	13.42	100.00
\$150,000 or more	6.51	1018	1058	860	3385	414	367	7754	288	498	786	498	786	253	2132	1604	12813
	6.67	1.63	4.14	3.98	3.62	0.67	0.49	2.21	0.99	1.68	1.33	1.68	1.33	0.77	1.86	1.68	1.84
	5.08	7.95	8.26	6.71	26.42	3.23	2.87	60.52	2.25	3.88	6.13	3.88	6.13	1.98	16.64	12.52	100.00
Don't Know	6.51	2037	1058	1118	3143	3104	3122	14233	721	249	969	249	969	760	4264	4171	25532
	6.67	3.26	4.14	5.18	3.36	5.03	4.14	4.07	2.46	0.84	1.65	0.84	1.65	2.31	3.72	4.38	3.66
	2.55	7.98	4.14	4.38	12.31	12.16	12.23	55.75	2.82	0.97	3.80	0.97	3.80	2.98	16.70	16.34	100.00
Refused/No Answer	6.51	1358	1360	688	3385	3311	3490	14242	865	995	1860	995	1860	2534	2741	8021	33086
	6.67	2.17	5.33	3.19	3.62	5.37	4.62	4.07	2.96	3.36	3.16	3.36	3.16	7.69	2.39	8.42	4.75
	1.97	4.10	4.11	2.08	10.23	10.01	10.55	43.05	2.61	3.01	5.62	3.01	5.62	7.66	8.28	24.24	100.00

**OKI TRANSPORTATION STUDY**  
**Number Of Vehicles/Motorcycles/Mopeds In Household**

NUMBER OF VEHICLES	HAMILTON										CLERMONT								
	Eastern Corridor										Total	Other	Total	Eastern Corridor	Other	Total			
	Central	Inner	LMR	S. Of LMR	North-east	North Central	North-west	Total	Warren	Campbell							Butler	Other	Total
Total Sample	9765	62117	25388	21591	93089	61454	75487	348891	29261	29603	58864	29261	29603	58864	45382	32944	114211	95288	695580
	100.00	99.46	99.41	100.00	99.48	99.66	100.00	99.66	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.73	100.00	99.79
	1.40	8.93	3.65	3.10	13.38	8.83	10.85	50.16	4.21	4.26	8.46	4.21	4.26	8.46	6.52	4.74	16.42	13.70	100.00
One	3255	28173	12241	3613	28531	18416	19652	113881	6631	5970	12601	6631	5970	12601	9360	10897	26497	23742	196977
	33.33	45.11	47.93	16.73	30.49	29.87	26.03	32.53	22.66	20.17	21.41	22.66	20.17	21.41	20.63	33.08	23.14	24.92	28.26
	1.65	14.30	6.21	1.83	14.48	9.35	9.98	57.81	3.37	3.03	6.40	3.37	3.03	6.40	4.75	5.53	13.45	12.05	100.00
Two	651	16972	10427	12473	47633	28761	38570	155487	13982	15921	29903	13982	15921	29903	23258	14951	61826	45559	330984
	6.67	27.17	40.83	57.77	50.90	46.64	51.09	44.42	47.78	53.78	50.80	47.78	53.78	50.80	51.25	45.38	53.99	47.81	47.48
	0.20	5.13	3.15	3.77	14.39	8.69	11.65	46.98	4.22	4.81	9.03	4.22	4.81	9.03	7.03	4.52	18.68	13.76	100.00
Three	-	3734	1360	4043	11606	9104	10102	39949	6775	6468	13243	6775	6468	13243	7375	4055	18883	19892	103395
	-	5.98	5.33	18.73	12.40	14.77	13.38	11.41	23.15	21.85	22.50	23.15	21.85	22.50	16.25	12.31	16.49	20.88	14.83
	-	3.61	1.32	3.91	11.22	8.81	9.77	38.64	6.55	6.26	12.81	6.55	6.26	12.81	7.13	3.92	18.26	19.24	100.00
Four	-	-	302	688	2901	2483	3490	9865	1441	995	2436	1441	995	2436	3971	1520	4873	4492	27157
	-	-	1.18	3.19	3.10	4.03	4.62	2.82	4.93	3.36	4.14	4.93	3.36	4.14	8.75	4.62	4.26	4.71	3.90
	-	-	1.11	2.53	10.68	9.14	12.85	36.32	5.31	3.66	8.97	5.31	3.66	8.97	14.62	5.60	17.94	16.54	100.00
Five or More	651	1358	-	430	484	414	735	4071	144	249	393	144	249	393	1418	1014	1218	1283	9397
	6.67	2.17	-	1.99	0.52	0.67	0.97	1.16	0.49	0.84	0.67	0.49	0.84	0.67	3.13	3.08	1.06	1.35	1.35
	6.93	14.45	-	4.58	5.15	4.40	7.82	43.32	1.53	2.65	4.18	1.53	2.65	4.18	15.09	10.79	12.96	13.66	100.00
None	5208	11880	1058	344	1934	2069	2939	25432	288	-	288	288	-	288	-	507	914	321	27462
	53.33	19.02	4.14	1.59	2.07	3.36	3.89	7.26	0.99	-	0.49	0.99	-	0.49	-	1.54	0.80	0.34	3.94
	18.96	43.26	3.85	1.25	7.04	7.53	10.70	92.61	1.05	-	1.05	1.05	-	1.05	-	1.85	3.33	1.17	100.00

**OKI TRANSPORTATION STUDY**  
**Number Of Vehicles/Motorcycles/Mopeds In Household**

Refused/No Answer	HAMILTON										CLERMONT					
	Eastern Corridor					North-west					Eastern Corridor					
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
	-	-	-	-	-	207	-	207	-	-	-	-	-	-	207	
	-	-	-	-	0.34	-	0.06	-	-	-	-	-	-	-	0.03	
	-	-	-	-	100.00	-	100.00	-	-	-	-	-	-	-	100.00	
<b>NUMBER OF MOTORCYCLES/MOPEDS</b>																
<b>Total Sample</b>	9765	62117	25388	21591	93089	61454	75487	348891	29261	29603	58864	45382	32944	114211	95288	695580
	100.00	99.46	99.41	100.00	99.48	99.66	100.00	99.66	100.00	100.00	100.00	100.00	100.00	99.73	100.00	99.79
	1.40	8.93	3.65	3.10	13.38	8.83	10.85	50.16	4.21	4.26	8.46	6.52	4.74	16.42	13.70	100.00
<b>One</b>	-	1697	302	602	1693	2897	2939	10130	1297	1990	3287	1985	1520	4873	2888	24683
	-	2.72	1.18	2.79	1.81	4.70	3.89	2.89	4.43	6.72	5.58	4.38	4.62	4.26	3.03	3.54
	-	6.88	1.22	2.44	6.86	11.74	11.91	41.04	5.26	8.06	13.32	8.04	6.16	19.74	11.70	100.00
<b>Two</b>	-	1358	151	86	-	207	1102	2904	288	498	786	-	-	914	642	5245
	-	2.17	0.59	0.40	-	0.34	1.46	0.83	0.99	1.68	1.33	-	-	0.80	0.67	0.75
	-	25.89	2.88	1.64	-	3.95	21.01	55.36	5.50	9.49	14.98	-	-	17.42	12.23	100.00
<b>Three</b>	-	339	-	86	-	-	-	425	144	-	144	284	-	-	-	853
	-	0.54	-	0.40	-	-	-	0.12	0.49	-	0.24	0.63	-	-	-	0.12
	-	39.78	-	10.08	-	-	-	49.86	16.89	-	16.89	33.24	-	-	-	100.00
<b>Four or more</b>	-	-	-	86	-	207	-	293	288	-	288	284	253	-	321	1439
	-	-	-	0.40	-	0.34	-	0.08	0.99	-	0.49	0.63	0.77	-	0.34	0.21
	-	-	-	5.98	-	14.38	-	20.36	20.03	-	20.03	19.71	17.61	-	22.29	100.00
<b>None</b>	9765	58722	24935	20731	91155	57730	71447	334483	27243	27115	54358	42829	31170	108424	91438	662703
	100.00	94.02	97.63	96.02	97.42	93.62	94.65	95.55	93.10	91.60	92.35	94.38	94.62	94.68	95.96	95.07
	1.47	8.86	3.76	3.13	13.75	8.71	10.78	50.47	4.11	4.09	8.20	6.46	4.70	16.36	13.80	100.00

**OKI TRANSPORTATION STUDY**  
**Number Of Vehicles/Motorcycles/Mopeds In Household**

	HAMILTON										CLERMONT									
	Eastern Corridor					North					Eastern Corridor		Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
	Central	Inner	N. Of LMR	S. Of LMR	North-east	Central	North-west	Total	Corridor	Other										
Don't Know	-	-	-	-	242	207	-	449	-	-	-	-	-	-	-	-	-	-	-	449
	-	-	-	-	0.26	0.34	-	0.13	-	-	-	-	-	-	-	-	-	-	-	0.06
	-	-	-	-	53.89	46.11	-	100.00	-	-	-	-	-	-	-	-	-	-	-	100.00
Refused/No Answer	-	-	-	-	-	207	-	207	-	-	-	-	-	-	-	-	-	-	-	207
	-	-	-	-	-	0.34	-	0.06	-	-	-	-	-	-	-	-	-	-	-	0.03
	-	-	-	-	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	-	100.00

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Age	HAMILTON										CLERMONT							
	Eastern Corridor										Total	Other	Total	Warren	Campbell	Butler	Other	Total
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Total	Eastern Corridor									
0-5	1302	14256	3476	5419	23695	9932	18367	76447	5910	5722	11631	13615	8109	21624	18929	150356		
	8.3	11.0	6.9	9.0	10.4	6.5	9.0	9.1	8.2	7.0	7.6	10.6	9.7	7.2	7.5	8.5		
	0.9	9.5	2.3	3.6	15.8	6.6	12.2	50.8	3.9	3.8	7.7	9.1	5.4	14.4	12.6	100.0		
6-20	3255	25797	7707	14452	41588	33513	48488	174600	13838	21891	35729	30633	17739	68526	53580	380807		
	20.8	19.9	15.4	24.0	18.2	21.6	23.9	20.8	19.1	26.9	23.2	23.8	21.3	22.8	21.3	21.7		
	0.9	6.8	2.0	3.8	10.9	8.7	12.7	45.8	3.6	5.7	9.4	8.0	4.7	18.0	14.1	100.0		
21-30	2604	29191	8160	4731	27322	19657	22224	113890	8649	6468	15116	11062	10137	32893	23100	206198		
	16.7	22.5	16.3	7.9	12.0	12.8	11.0	13.5	12.0	8.0	9.8	8.6	12.2	11.0	9.2	11.7		
	1.3	14.2	4.0	2.3	13.3	9.5	10.8	55.2	4.2	3.1	7.3	5.4	4.9	16.0	11.2	100.0		
31-40	3255	24779	10578	10409	41346	30830	41509	162706	13694	16916	30610	27797	15712	58476	41067	336367		
	20.8	19.1	21.1	17.3	18.1	20.0	20.5	19.3	18.9	20.8	19.9	21.6	18.8	19.5	16.3	19.1		
	1.0	7.4	3.1	3.1	12.3	9.2	12.3	48.4	4.1	5.0	9.1	8.3	4.7	17.4	12.2	100.0		
41-50	1302	17651	9974	12215	40621	25451	27366	134579	12829	14428	27257	24393	12924	55735	48446	303334		
	8.3	13.6	19.9	20.3	17.8	16.5	13.5	16.0	17.7	17.7	17.7	18.9	15.5	18.6	19.2	17.2		
	0.4	5.8	3.3	4.0	13.4	8.4	9.0	44.4	4.2	4.8	9.0	8.0	4.3	18.4	16.0	100.0		
51-60	1302	7128	3778	6710	25146	14898	20387	79349	8360	10199	18560	10495	9376	30456	32404	180640		
	8.3	5.5	7.5	11.2	11.0	9.7	10.0	9.4	11.6	12.5	12.1	8.1	11.2	10.2	12.9	10.3		
	0.7	3.9	2.1	3.7	13.9	8.2	11.3	43.9	4.6	5.6	10.3	5.8	5.2	16.9	17.9	100.0		
61-70	-	7807	4382	3785	16200	12208	13040	57423	6198	2488	8686	6524	6589	21319	21175	121715		
	-	6.0	8.7	6.3	7.1	7.9	6.4	6.8	8.6	3.1	5.7	5.1	7.9	7.1	8.4	6.9		
	-	6.4	3.6	3.1	13.3	10.0	10.7	47.2	5.1	2.0	7.1	5.4	5.4	17.5	17.4	100.0		

Project Director: LAURIE WARGELIN

Programmers: Laura Pietila

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HAMILTON													CLERMONT			
Eastern Corridor																
Central	Inner	N. Of	S. Of	North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
																LMR
71+	1953	2037	2116	2409	11606	7449	10469	2306	2985	5291	3971	2534	10660	11871	72365	
	12.5	1.6	4.2	4.0	5.1	4.8	5.2	3.2	3.7	3.4	3.1	3.0	3.6	4.7	4.1	
	2.7	2.8	2.9	3.3	16.0	10.3	14.5	3.2	4.1	7.3	5.5	3.5	14.7	16.4	100.0	
Don't Know/Refused	651	1018	-	-	967	207	1102	577	249	825	284	253	305	1283	6896	
	4.2	0.8	-	-	0.4	0.1	0.5	0.8	0.3	0.5	0.2	0.3	0.1	0.5	0.4	
	9.4	14.8	-	-	14.0	3.0	16.0	8.4	3.6	12.0	4.1	3.7	4.4	18.6	100.0	
	15623	129664	50171	60129	228491	153946	202952	72360	81346	153706	128772	83373	299993	251856	1758678	
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	0.9	7.4	2.9	3.4	13.0	8.8	11.5	4.1	4.6	8.7	7.3	4.7	17.1	14.3	100.0	
Licensed Driver	9765	78749	39291	42409	166593	111321	134995	53766	55723	109489	91615	59806	215021	188973	1248025	
Yes	62.5	60.7	78.3	70.5	72.9	72.3	66.5	74.3	68.5	71.2	71.1	71.7	71.7	75.0	71.0	
	0.8	6.3	3.1	3.4	13.3	8.9	10.8	4.3	4.5	8.8	7.3	4.8	17.2	15.1	100.0	
No	2604	19008	2267	2237	8463	9518	10836	2759	3234	5973	2836	2281	13096	12833	91952	
	16.7	14.7	4.5	3.7	3.7	6.2	5.3	3.8	4.0	3.9	2.2	2.7	4.4	5.1	5.2	
	2.8	20.7	2.5	2.4	9.2	10.4	11.8	3.0	3.5	6.5	3.1	2.5	14.2	14.0	100.0	
Don't Know	-	-	-	-	-	207	-	-	-	-	-	-	-	-	207	
	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	0.0	
	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	100.0	
	12368	97757	41558	44645	175056	121046	145832	56504	58957	115462	94451	62086	228117	201806	1340184	
	79.2	75.4	82.8	74.2	76.6	78.6	71.9	78.1	72.5	75.1	73.3	74.5	76.0	80.1	76.2	
	0.9	7.3	3.1	3.3	13.1	9.0	10.9	4.2	4.4	8.6	7.0	4.6	17.0	15.1	100.0	

Project Director: LAURIE WARGELIN

Programmers: Laura Pietila

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		HAMILTON					CLERMONT										
		Eastern Corridor					Eastern Corridor										
		Central	Inner	N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
Sex																	
Male		6510	61438	23726	29935	107355	71593	95874	396430	35748	40300	76047	63251	40039	152890	123201	851860
		41.7	47.4	47.3	49.8	47.0	46.5	47.2	47.1	49.4	49.5	49.5	49.1	48.0	51.0	48.9	48.4
		0.8	7.2	2.8	3.5	12.6	8.4	11.3	46.5	4.2	4.7	8.9	7.4	4.7	17.9	14.5	100.0
Female		9114	68227	26446	30193	121137	82353	107078	444546	36613	41046	77659	65520	43334	147103	128655	906818
		58.3	52.6	52.7	50.2	53.0	53.5	52.8	52.9	50.6	50.5	50.5	50.9	52.0	49.0	51.1	51.6
		1.0	7.5	2.9	3.3	13.4	9.1	11.8	49.0	4.0	4.5	8.6	7.2	4.8	16.2	14.2	100.0
		15623	129664	50171	60122	228491	153946	202952	840977	72360	81346	153706	128772	83375	299993	251856	1758678
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		0.9	7.4	2.9	3.4	13.0	8.8	11.5	47.8	4.1	4.6	8.7	7.3	4.7	17.1	14.3	100.0
Working Outside Of Home																	
Yes		7161	70603	29921	30452	122346	86077	105609	452167	39207	43036	82243	62968	45615	160504	129939	933436
		45.8	54.5	59.6	50.6	53.5	55.9	52.0	53.8	54.2	52.9	53.5	48.9	54.7	53.5	51.6	53.1
		0.8	7.6	3.2	3.3	13.1	9.2	11.3	48.4	4.2	4.6	8.8	6.7	4.9	17.2	13.9	100.0
No		5208	27155	11636	14194	52710	34969	40223	186094	17297	15921	33218	31484	16472	67613	71867	406748
		33.3	20.9	23.2	23.6	23.1	22.7	19.8	22.1	23.9	19.6	21.6	24.4	19.8	22.5	28.5	23.1
		1.3	6.7	2.9	3.5	13.0	8.6	9.9	45.8	4.3	3.9	8.2	7.7	4.0	16.6	17.7	100.0
		12368	97757	41558	44645	175056	121046	145832	638262	56504	58957	115462	94451	62086	228117	201806	1340184
		79.2	75.4	82.8	74.2	76.6	78.6	71.9	75.9	78.1	72.5	75.1	73.3	74.5	76.0	80.1	76.2
		0.9	7.3	3.1	3.3	13.1	9.0	10.9	47.6	4.2	4.4	8.6	7.0	4.6	17.0	15.1	100.0
Paid Work At Home																	

Project Director: LAURIE WARGELIN

Programmers: Laura Pietila

95409 - OKI

May 22, 1996 9:33 am

Yes	HAMILTON										CLERMONT							
	Eastern Corridor										Total	Other	Total	Warren	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North-Central	North-West	Total	Eastern Corridor	Other								
1953	10522	5591	4559	17167	8277	11020	59090	5189	7712	12901	10211	4308	23756	15400	125665			
12.5	8.1	11.1	7.6	7.5	5.4	5.4	7.0	7.2	9.5	8.4	7.9	5.2	7.9	6.1	7.1			
1.6	8.4	4.4	3.6	13.7	6.6	8.8	47.0	4.1	6.1	10.3	8.1	3.4	18.9	12.3	100.0			
10416	87235	35966	40086	157889	112769	134812	579172	51315	51245	102561	84240	57778	204361	186406	1214518			
66.7	67.3	71.7	66.7	69.1	73.3	66.4	68.9	70.9	63.0	66.7	65.4	69.3	68.1	74.0	69.1			
0.9	7.2	3.0	3.3	13.0	9.3	11.1	47.7	4.2	4.2	8.4	6.9	4.8	16.8	15.3	100.0			
12368	97757	41558	44645	175056	121046	145832	638262	56504	58957	115462	94451	62086	228117	201806	1340184			
79.2	75.4	82.8	74.2	76.6	78.6	71.9	75.9	78.1	72.5	75.1	73.3	74.5	76.0	80.1	76.2			
0.9	7.3	3.1	3.3	13.1	9.0	10.9	47.6	4.2	4.4	8.6	7.0	4.6	17.0	15.1	100.0			

Project Director: LAURIE WARGELIN

Programmers: Laura Pietila

# OKI TRANSPORTATION STUDY

## CLERMONT

## HAMILTON

### Eastern Corridor

	Central		N. Of		S. Of		North-east		North		North-West		Eastern Corridor		Total		Other	Butler	CAMPBELL	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Inner	LMR	LMR	LMR	east	Central	West	Corridor	Total	West	Central	East	Other	Total	Other	Butler								
<u>Number of households</u>	9765	25539	21591	93573	61661	75487	350072	29261	58864	45382	32944	114515	95288	697065	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	1.40	3.66	3.10	13.42	8.85	10.83	50.22	4.20	8.44	6.51	4.73	16.43	13.67	100.00	4.25	8.44	6.51	4.73	16.43	13.67	100.00	100.00	100.00	100.00
<u>Number of people</u>	15623	50171	60129	228491	153946	202952	840977	72360	153706	128772	83373	299993	251856	1758678	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.89	2.85	3.42	12.99	8.75	11.54	47.82	4.11	8.74	7.32	4.74	17.06	14.32	100.00	4.63	8.74	7.32	4.74	17.06	14.32	100.00	100.00	100.00	100.00
<u>Number Of Trips Per Household</u>	1953	3476	1462	12573	5380	9367	45412	3892	5882	3971	3548	12792	8983	80588	1990	5882	3971	3548	12792	8983	3850	32332	80588	
Two or less	20.00	17.93	6.77	13.44	8.72	12.41	12.97	13.30	9.99	8.75	10.77	11.17	9.43	11.56	6.72	9.99	8.75	10.77	11.17	9.43	4.26	4.64	11.56	
	2.42	13.90	1.81	15.60	6.68	11.62	56.35	4.83	7.30	4.93	4.40	15.87	11.15	100.00	2.47	7.30	4.93	4.40	15.87	11.15	15.07	11.91	100.00	
Three	651	5431	1032	4352	3518	2571	19369	1153	1899	567	1774	4873	3850	32332	746	1899	567	1774	4873	3850	4.26	4.04	4.64	
	6.67	8.70	4.78	4.65	5.70	3.41	5.53	3.94	3.23	1.25	5.38	4.26	4.04	4.64	2.52	3.23	1.25	5.38	4.26	4.04	4.26	4.04	4.64	
	2.01	16.80	3.19	13.46	10.88	7.95	59.91	3.57	5.87	1.75	5.49	15.07	11.91	100.00	2.31	5.87	1.75	5.49	15.07	11.91	15.07	11.91	100.00	
Four	1302	7468	1548	7254	7242	8265	36554	2450	5187	3404	2281	9746	10908	68080	2736	5187	3404	2281	9746	10908	8.51	11.45	9.77	
	13.33	11.96	7.17	7.75	11.74	10.95	10.44	8.37	8.81	7.50	6.92	8.51	11.45	9.77	9.24	8.81	7.50	6.92	8.51	11.45	8.51	11.45	9.77	
	1.91	10.97	2.27	10.65	10.64	12.14	53.69	3.60	7.62	5.00	3.35	14.32	16.02	100.00	4.02	7.62	5.00	3.35	14.32	16.02	14.32	16.02	100.00	
Five	651	2715	946	6770	2276	3490	18813	1586	3078	3971	1267	8223	3208	38561	1493	3078	3971	1267	8223	3208	7.18	3.37	5.53	
	6.67	4.35	4.38	7.24	3.69	4.62	5.37	5.42	5.23	8.75	3.85	7.18	3.37	5.53	5.04	5.23	8.75	3.85	7.18	3.37	7.18	3.37	5.53	
	1.69	7.04	2.45	17.56	5.90	9.05	48.79	4.11	7.98	10.30	3.29	21.33	8.32	100.00	3.87	7.98	10.30	3.29	21.33	8.32	21.33	8.32	100.00	
Six	-	6110	1720	6528	4759	6979	28968	2739	5973	5389	2027	6396	6417	55170	3234	5973	5389	2027	6396	6417	5.59	6.73	7.91	
	-	9.78	7.97	6.98	7.72	9.25	8.27	9.36	10.15	11.88	6.15	5.59	6.73	7.91	10.92	10.15	11.88	6.15	5.59	6.73	5.59	6.73	7.91	
	-	11.07	3.12	11.83	8.63	12.65	52.51	4.96	10.83	9.77	3.67	11.59	11.63	100.00	5.86	10.83	9.77	3.67	11.59	11.63	11.59	11.63	100.00	
Seven	3255	3734	1058	4836	5380	4041	23249	1586	2829	1418	1774	6700	3208	39179	1244	2829	1418	1774	6700	3208	5.85	3.37	5.62	
	33.33	5.98	4.14	4.38	5.17	5.35	6.64	5.42	4.81	3.13	5.38	5.85	3.37	5.62	4.20	4.81	3.13	5.38	5.85	3.37	5.85	3.37	5.62	
	8.31	9.53	2.70	12.34	13.73	10.31	59.34	4.05	7.22	3.62	4.53	17.10	8.19	100.00	3.17	7.22	3.62	4.53	17.10	8.19	17.10	8.19	100.00	



# OKI TRANSPORTATION STUDY

## HAMILTON

## CLERMONT

### Eastern Corridor

	Central			N. Of		North-east		North-Central		North-west		Eastern Corridor		Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	LMR	Inner	S. Of LMR	LMR	LMR	LMR	LMR	LMR	LMR	LMR	LMR	LMR	LMR							
Three	1302	20366	5591	7656	28773	19864	22591	106143	8504	8956	17460	14182	12417	37461	27592	215256	12.24	10.96	12.82	100.00
	8.33	15.71	11.14	12.73	12.59	12.90	11.13	12.62	11.75	11.01	11.36	11.01	14.89	12.49	10.96	12.24				
	0.60	9.46	2.60	3.56	13.37	9.23	10.49	49.31	3.95	4.16	8.11	6.59	5.77	17.40	12.82	100.00				
Four	3906	25797	9520	12989	40862	28968	38754	160797	16432	20399	36831	26095	16472	58171	49088	347454	19.76	19.49	19.76	100.00
	25.00	19.90	18.98	21.60	17.88	18.82	19.10	19.12	22.71	25.08	23.96	20.26	19.76	19.39	19.49	19.76				
	1.12	7.42	2.74	3.74	11.76	8.34	11.15	46.28	4.73	5.87	10.60	7.51	4.74	16.74	14.13	100.00				
Five	3255	7468	5894	5677	22245	17381	21489	83408	5910	7214	13124	14749	7349	28324	26309	173263	8.81	9.44	10.45	9.85
	20.83	5.76	11.75	9.44	9.74	11.29	10.59	9.92	8.17	8.87	8.54	11.45	8.81	9.44	10.45	9.85				
	1.88	4.31	3.40	3.28	12.84	10.03	12.40	48.14	3.41	4.16	7.57	8.51	4.24	16.35	15.18	100.00				
Six	651	9844	4685	5677	20069	12001	17081	70007	6775	5473	12248	10495	9123	24365	24384	150621	10.94	8.12	9.68	8.56
	4.17	7.59	9.34	9.44	8.78	7.80	8.42	8.32	9.36	6.73	7.97	8.15	10.94	8.12	9.68	8.56				
	0.43	6.54	3.11	3.77	13.32	7.97	11.34	46.48	4.50	3.63	8.13	6.97	6.06	16.18	16.19	100.00				
Seven	1302	4413	2267	2323	14266	7863	9551	41983	3892	3234	7126	4822	3548	17360	13475	88314	4.26	5.79	5.35	5.02
	8.33	3.40	4.52	3.86	6.24	5.11	4.71	4.99	5.38	3.98	4.64	3.74	4.26	5.79	5.35	5.02				
	1.47	5.00	2.57	2.63	16.15	8.90	10.81	47.54	4.41	3.66	8.07	5.46	4.02	19.66	15.26	100.00				
Eight	651	3055	2720	2495	6770	4552	5877	26120	2883	1741	4624	5105	3548	10051	8342	57790	4.26	3.35	3.31	3.29
	4.17	2.36	5.42	4.15	2.96	2.96	2.90	3.11	3.98	2.14	3.01	3.96	4.26	3.35	3.31	3.29				
	1.13	5.29	4.71	4.32	11.72	7.88	10.17	45.20	4.99	3.01	8.00	8.83	6.14	17.39	14.43	100.00				
Nine	-	3055	1209	1462	4594	3518	5326	19164	1730	1493	3222	1418	2788	6091	4492	37175	7.50	16.39	12.08	100.00
	-	2.36	2.41	2.43	2.01	2.28	2.62	2.28	2.39	1.83	2.10	1.10	3.34	2.03	1.78	2.11				
	-	8.22	3.25	3.93	12.36	9.46	14.33	51.55	4.65	4.02	8.67	3.81	7.50	16.39	12.08	100.00				
Ten	-	1697	907	774	5561	2483	3306	14728	1009	746	1755	1985	1774	3046	3850	27139	6.54	11.22	14.19	100.00
	-	1.31	1.81	1.29	2.43	1.61	1.63	1.75	1.39	0.92	1.14	1.54	2.13	1.02	1.53	1.54				
	-	6.25	3.34	2.85	20.49	9.15	12.18	54.27	3.72	2.75	6.47	7.32	6.54	11.22	14.19	100.00				
Eleven	-	339	1511	516	1934	1035	1837	7172	144	995	1139	1418	1267	1827	2888	15712	8.06	11.63	18.38	100.00
	-	0.26	3.01	0.86	0.85	0.67	0.90	0.85	0.20	1.22	0.74	1.10	1.52	0.61	1.15	0.89				
	-	2.16	9.62	3.28	12.31	6.58	11.69	45.65	0.92	6.33	7.25	9.03	8.06	11.63	18.38	100.00				







# 95409 - OKI GEO CODING INFO

	HAMILTON										CLERMONT											
	Eastern Corridor					North-east		North Central		North-west	Total		Eastern Corridor		Other	Total		WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
No District Code	Central	Inner	N. Of LMR	S. Of LMR																		
Has District Code	9765	62456	25339	21591	93573	61661	75487	350072	29261	29603	58864	45382	32944	114515	95288	697065						
	13.0	9.8	8.8	6.8	7.6	6.9	7.9	7.6	7.1	7.4	6.7	7.0	7.4	7.0	7.0	7.5						

# OKI TRANSPORTATION STUDY - TOTAL TRIPS

## HAMILTON

## CLERMONT

### Eastern Corridor

Activity Purpose	Central				North-east			North-west			Eastern Corridor			Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Inner	LMR	S. Of LMR	N. Of LMR	east	Central	west	Central	west	East	Other	Total							
Household Activities, sleep, family care, chores, personal care, etc.	24086	169039	71026	84387	335120	212917	288908	1185483	104648	107466	212115	168197	118091	426691	349711	2460288			
	0.98	6.87	2.89	3.43	13.62	8.65	11.74	48.18	4.25	4.37	8.62	34.93	4.80	17.34	14.21	36.33	100.00		
Paid Work (in-home)	-	2037	1209	946	1693	1448	2020	9353	432	1244	1676	1985	253	1827	2567	17662			
	-	0.45	0.57	0.40	0.19	0.25	0.25	0.29	0.15	0.42	0.29	0.41	0.07	0.16	0.26	0.26			
	-	11.53	6.84	5.36	9.58	8.20	11.44	52.96	2.45	7.04	9.49	11.24	1.43	10.35	14.53	100.00			
Paid Work	4557	81125	39895	37419	145074	95595	121771	525437	45694	56469	102163	76582	59552	177864	159135	1100733			
	7.53	18.07	18.66	15.93	16.09	16.30	15.26	16.19	16.21	18.93	17.61	15.90	16.98	15.90	15.99	16.26			
	0.41	7.37	3.62	3.40	13.18	8.68	11.06	47.74	4.15	5.13	9.28	6.96	5.41	16.16	14.46	100.00			
Errands (personal, medical, religious, etc.)	13019	44466	27504	29591	114366	67868	85222	382037	32576	34081	66657	61549	38012	103551	119993	771799			
	21.51	9.90	12.86	12.60	12.68	11.57	10.68	11.77	11.56	11.43	11.49	12.78	10.84	9.26	12.05	11.40			
	1.69	5.76	3.56	3.83	14.82	8.79	11.04	49.50	4.22	4.42	8.64	7.97	4.93	13.42	15.55	100.00			
Recreation (visiting, socializing, hobbies, exercise, entertainment, etc.)	4557	31228	16925	16000	66009	39521	64467	238707	22054	20896	42950	38291	27876	94110	78605	520538			
	7.53	6.95	7.92	6.81	7.32	6.74	8.08	7.36	7.83	7.01	7.40	7.95	7.95	8.41	7.90	7.69			
	0.88	6.00	3.25	3.07	12.68	7.59	12.38	45.86	4.24	4.01	8.25	7.36	5.36	18.08	15.10	100.00			
Meals (eating out)	3906	14935	14507	13505	42071	34555	41509	164989	13982	15672	29654	24960	19513	51471	52296	342883			
	6.45	3.33	6.78	5.75	4.67	5.89	5.20	5.09	4.96	5.25	5.11	5.18	5.56	4.60	5.25	5.06			
	1.14	4.36	4.23	3.94	12.27	10.08	12.11	48.12	4.08	4.57	8.65	7.28	5.69	15.01	15.25	100.00			
Chauffeur family, friends, (pick-up/drop-off passengers)	3906	37338	14507	17806	64558	41797	74018	253930	17153	15423	32576	32618	30156	80100	74113	503494			
	6.45	8.32	6.78	7.58	7.16	7.13	9.27	7.83	6.09	5.17	5.62	6.77	8.60	7.16	7.44	7.44			
	0.78	7.42	2.88	3.54	12.82	8.30	14.70	50.43	3.41	3.06	6.47	6.48	5.99	15.91	14.72	100.00			
Shopping, General (groceries, clothes, etc.)	3906	22742	12694	18753	68668	47798	56386	230946	24504	16418	40923	38575	28636	82232	83417	504729			
	6.45	5.06	5.94	7.98	7.61	8.15	7.06	7.12	8.70	5.51	7.06	8.01	8.17	7.35	8.38	7.45			
	0.77	4.51	2.52	3.72	13.60	9.47	11.17	45.76	4.85	3.25	8.11	7.64	5.67	16.29	16.53	100.00			
Shopping, Major (for big items such as car, furniture, home)	-	1018	907	516	3143	3931	1286	10801	1153	2239	3392	-	2534	2436	1925	21089			
	-	0.23	0.42	0.22	0.35	0.67	0.16	0.33	0.41	0.75	0.58	-	0.72	0.22	0.19	0.31			
	-	4.83	4.30	2.45	14.90	18.64	6.10	51.22	5.47	10.62	16.08	-	12.02	11.55	9.13	100.00			

# OKI TRANSPORTATION STUDY - TOTAL TRIPS

Activity Purpose	HAMILTON										CLERMONT					TOTAL	
	Eastern Corridor					North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
	Central	Inner	N. Of LMR	S. Of LMR	N. Of LMR												
Household Activities, sleep, family care, chores, personal care, etc.	24086	169039	71026	84387	335120	212917	212917	288908	1185483	104648	107466	212115	168197	118091	426691	349711	2460288
	0.98	6.87	2.89	3.43	13.62	8.65	11.74	36.19	36.54	37.13	36.03	36.57	34.93	33.67	38.14	35.13	36.33
Paid Work (in-home)	-	2037	1209	946	1693	1448	2020	9353	9353	432	1244	1676	1985	253	1827	2567	17662
	-	0.45	0.57	0.40	0.19	0.25	0.25	0.29	0.29	0.15	0.42	0.29	0.41	0.07	0.16	0.26	0.26
	-	11.53	6.84	5.36	9.58	8.20	11.44	52.96	52.96	2.45	7.04	9.49	11.24	1.43	10.35	14.53	100.00
Paid Work	4557	81125	39895	37419	145074	95595	121771	525437	525437	45694	56469	102163	76582	59552	177864	159135	1100733
	7.53	18.07	18.66	15.93	16.09	16.30	15.26	16.19	16.19	16.21	18.93	17.61	15.90	16.98	15.90	15.99	16.26
	0.41	7.37	3.62	3.40	13.18	8.68	11.06	47.74	47.74	4.15	5.13	9.28	6.96	5.41	16.16	14.46	100.00
Errands (personal, medical, religious, etc.)	13019	44466	27504	29591	114366	67868	85222	382037	382037	32576	34081	66657	61549	38012	103551	119993	771799
	21.51	9.90	12.86	12.60	12.68	11.57	10.68	11.77	11.77	11.56	11.43	11.49	12.78	10.84	9.26	12.05	11.40
	1.69	5.76	3.56	3.83	14.82	8.79	11.04	49.50	49.50	4.22	4.42	8.64	7.97	4.93	13.42	15.55	100.00
Recreation (visiting, socializing, hobbies, exercise, entertainment, etc.)	31228	16925	16925	16000	66009	39521	64467	238707	238707	22054	20896	42950	38291	27876	94110	78605	520538
	7.53	6.95	7.92	6.81	7.32	6.74	8.08	7.36	7.36	7.83	7.01	7.40	7.95	7.95	8.41	7.90	7.69
	0.88	6.00	3.25	3.07	12.68	7.59	12.38	45.86	45.86	4.24	4.01	8.25	7.36	5.36	18.08	15.10	100.00
Meals (eating out)	3906	14935	14507	13505	42071	34555	41509	164989	164989	13982	15672	29654	24960	19513	51471	52296	342883
	6.45	3.33	6.78	5.75	4.67	5.89	5.20	5.09	5.09	4.96	5.25	5.11	5.18	5.56	4.60	5.25	5.06
	1.14	4.36	4.23	3.94	12.27	10.08	12.11	48.12	48.12	4.08	4.57	8.65	7.28	5.69	15.01	15.25	100.00
Chauffeur family, friends, (pick-up/drop-off passengers)	3906	37338	14507	17806	64558	41797	74018	253930	253930	17153	15423	32576	32618	30156	80100	74113	503494
	6.45	8.32	6.78	7.58	7.16	7.13	9.27	7.83	7.83	6.09	5.17	5.62	6.77	8.60	7.16	7.44	7.44
	0.78	7.42	2.88	3.54	12.82	8.30	14.70	50.43	50.43	3.41	3.06	6.47	6.48	5.99	15.91	14.72	100.00
Shopping, General (groceries, clothes, etc.)	3906	22742	12694	18753	68668	47798	56386	230946	230946	24504	16418	40923	38575	28636	82232	83417	504729
	6.45	5.06	5.94	7.98	7.61	8.15	7.06	7.12	7.12	8.70	5.51	7.06	8.01	8.17	7.35	8.38	7.45
	0.77	4.51	2.52	3.72	13.60	9.47	11.17	45.76	45.76	4.85	3.25	8.11	7.64	5.67	16.29	16.53	100.00
Shopping, Major (for big items such as car, furniture, home)	-	1018	907	516	3143	3931	1286	10801	10801	1153	2239	3392	-	2534	2436	1925	21089
	-	0.23	0.42	0.22	0.35	0.67	0.16	0.33	0.33	0.41	0.75	0.58	-	0.72	0.22	0.19	0.31
	-	4.83	4.30	2.45	14.90	18.64	6.10	51.22	51.22	5.47	10.62	16.08	-	12.02	11.55	9.13	100.00

# OKI TRANSPORTATION STUDY - TOTAL TRIPS

	HAMILTON										CLERMONT								
	Eastern Corridor										Eastern Corridor	Total	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	N. Of LMR	S. Of LMR	North- east	North Central	North- west	Total	Central	Other									
Cruising for travel's sake (going for a walk or ride, sightseeing)	-	-	151	-	-	-	-	-	-	-	151	-	249	249	-	-	-	-	400
	-	-	0.07	-	-	-	-	-	-	-	0.00	-	0.08	0.04	-	-	-	-	0.01
	-	-	37.79	-	-	-	-	-	-	-	37.79	-	62.21	62.21	-	-	-	-	100.00
School (classes, homework, tutoring, etc.)	2604	45145	14507	16000	60931	40969	62630	242787	19604	28110	47714	38858	26102	98373	73792	527627			
	4.30	10.05	6.78	6.81	6.76	6.99	7.85	7.48	6.96	9.42	8.23	8.07	7.44	8.80	7.41	7.79			
	0.49	8.56	2.75	3.03	11.55	7.76	11.87	46.01	3.72	5.33	9.04	7.36	4.95	18.64	13.99	100.00			

# OKI TRANSPORTATION STUDY - TOTAL 6:30-8:30 AM TRIPS

	HAMILTON										CLERMONT							
	Eastern Corridor										Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total										
Cruising for travel's sake (going for a walk or ride, sightseeing)	-	-	151	-	-	-	-	-	-	-	151	-	-	-	-	-	-	151
	-	-	0.37	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	0.01
	-	-	100.00	-	-	-	-	-	-	-	100.00	-	-	-	-	-	-	100.00
School (classes, homework, tutoring, etc.)	2604	27494	8312	10753	39170	22968	40407	151707	12829	18906	31735	28647	18246	57562	56467	344364		
	30.77	30.11	20.68	24.95	22.79	20.79	25.32	24.27	23.55	29.46	26.74	29.36	24.00	26.14	30.09	25.99		
	0.76	7.98	2.41	3.12	11.37	6.67	11.73	44.05	3.73	5.49	9.22	8.32	5.30	16.72	16.40	100.00		

# OKI TRANSPORTATION STUDY - TOTAL 4:00-6:00 PM TRIPS

Activity Purpose	HAMILTON										CLERMONT						
	Eastern Corridor					North-west					Eastern Corridor						
	Central	Inner	N. of LMR	S. of LMR	Total	North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
Household Activities, sleep, family care, chores, personal care, etc.	5859	49897	18588	19183	300047	83901	48418	74202	300047	30703	29603	60306	42829	30663	117256	86947	638048
	0.92	7.82	2.91	3.01	47.03	13.15	7.59	11.63	47.03	4.81	4.64	9.45	47.94	4.81	18.38	45.78	49.71
Paid Work (in-home)	-	-	-	-	597	-	414	184	597	-	249	249	284	-	-	321	1451
	-	-	-	-	0.10	-	0.43	0.12	0.10	-	0.44	0.22	0.32	-	-	0.17	0.11
	-	-	-	-	41.19	-	28.53	12.66	41.19	-	17.15	17.15	19.55	-	-	22.12	100.00
Paid Work	-	3394	1662	1204	21980	7495	2897	5326	21980	2450	1741	4192	3404	3801	10660	8663	52699
	-	3.56	4.20	2.94	3.66	4.43	2.99	3.56	3.66	4.40	3.11	3.76	3.81	5.91	4.68	4.56	4.11
	-	6.44	3.15	2.29	41.71	14.22	5.50	10.11	41.71	4.65	3.30	7.95	6.46	7.21	20.23	16.44	100.00
Errands (personal, medical, religious, etc.)	-	9504	4836	5419	65760	19101	10553	16346	65760	5333	9204	14538	11629	5068	20710	28234	145939
	-	9.97	12.21	13.24	10.95	11.30	10.90	10.93	10.95	9.59	16.45	13.02	13.01	7.87	9.09	14.86	11.37
	-	6.51	3.31	3.71	45.06	13.09	7.23	11.20	45.06	3.65	6.31	9.96	7.97	3.47	14.19	19.35	100.00
Recreation (visiting, socializing, hobbies, exercise, entertainment, etc.)	651	7807	4080	3871	56460	15475	7863	16714	56460	4757	4478	9235	9927	6335	25279	15400	122636
	0.53	6.37	3.33	3.16	9.40	9.16	8.12	11.18	9.40	8.55	8.00	8.27	11.11	9.84	11.10	8.11	9.56
	-	6.37	3.33	3.16	46.04	12.62	6.41	13.63	46.04	3.88	3.65	7.53	8.09	5.17	20.61	12.56	100.00
Meals (eating out)	1953	6449	3325	3441	42864	10881	7449	9367	42864	2018	1493	3511	6240	2788	9746	12513	77661
	21.43	6.76	8.40	8.40	7.14	6.44	7.69	6.27	7.14	3.63	2.67	3.15	6.98	4.33	4.28	6.59	6.05
	2.51	8.30	4.28	4.43	55.19	14.01	9.59	12.06	55.19	2.60	1.92	4.52	8.03	3.59	12.55	16.11	100.00
Chauffeuring family, friends, (pick-up/drop-off passengers)	651	7128	3173	3011	48732	11364	7242	16163	48732	3748	2488	6235	5389	5575	15533	14438	95902
	0.68	7.47	8.01	7.35	8.12	6.72	7.48	10.81	8.12	6.74	4.44	5.59	6.03	8.66	6.82	7.60	7.47
	-	7.43	3.31	3.14	50.81	11.85	7.55	16.85	50.81	3.91	2.59	6.50	5.62	5.81	16.20	15.05	100.00
Shopping, General (groceries, clothes, etc.)	-	8825	3173	3957	50076	15716	10139	8265	50076	5622	4478	10099	8225	7349	22842	17646	116238
	-	9.25	8.01	9.67	8.34	9.30	10.47	5.53	8.34	10.10	8.00	9.05	9.21	11.42	10.03	9.29	9.06
	-	7.59	2.73	3.40	43.08	13.52	8.72	7.11	43.08	4.84	3.85	8.69	7.08	6.32	19.65	15.18	100.00
Shopping, Major (for big items such as car, furniture, home)	-	1018	151	86	2153	484	414	-	2153	288	498	786	-	1014	1218	963	6133
	-	1.07	0.38	0.21	0.36	0.29	0.43	-	0.36	0.52	0.89	0.70	-	1.57	0.53	0.51	0.48
	-	16.60	2.46	1.40	35.10	7.88	6.75	-	35.10	4.70	8.11	12.81	-	16.53	19.86	15.69	100.00

# OKI TRANSPORTATION STUDY - TOTAL 4:00-6:00 PM TRIPS

	HAMILTON										CLERMONT					
	Eastern Corridor															
	Central	Inner	N. Of LMR	S. Of LMR	North-east	North Central	North West	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
School (classes, homework, tutoring, etc.)	-	1358	604	774	4594	1448	2939	11717	721	1741	2462	1418	1774	4568	4813	26753
	-	1.42	1.53	1.89	2.72	1.49	1.97	1.95	1.29	3.11	2.21	1.59	2.76	2.00	2.53	2.08
	-	5.08	2.26	2.89	17.17	5.41	10.98	43.80	2.69	6.51	9.20	5.30	6.63	17.08	17.99	100.00

OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - TOTAL PERSONS

STARTED	ENDED														TOTAL	
	HAMILTON										CLERMONT					OTHER
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	2715	9165	679	-	6110	1018	679	20366	679	-	679	-	-	339	1018	22403
East Corridor North Of The Little Miami River	4231	2418	2267	-	2871	151	-	11938	-	-	-	151	151	302	604	13147
East Corridor South Of The Little Miami River	2925	1376	1118	1376	1892	258	172	9118	774	86	860	172	86	86	860	11183
Northeast	7979	6045	2176	725	23695	3143	484	44247	1451	725	2176	2418	-	1934	2327	53103
North Central	6001	3724	621	414	8690	8070	1448	28968	828	-	828	1035	621	3104	1862	36417
Northwest	13040	7347	1837	184	5510	3673	8449	40039	367	-	367	-	184	1469	2204	44264
Subtotal	36892	30075	8697	2699	48769	16314	11232	154678	4099	811	4910	3776	1042	7235	8876	180517
CLERMONT																
Eastern Corridor	1874	2018	577	1441	2306	288	144	8649	5333	2162	7495	865	-	432	721	18162
Other	1493	1741	995	249	5224	995	-	10697	2239	2488	4727	746	-	746	1244	18160
Subtotal	3366	3759	1572	1690	7530	1283	144	19345	7572	4650	12222	1611	-	1179	1965	36322
WARREN	1135	851	-	284	8509	567	284	11629	284	284	567	7942	-	1702	4822	26662
CAMPBELL	4055	1774	507	253	2281	253	253	9376	253	-	253	-	3548	-	4308	17486
BUTLER	3959	3046	1218	-	12182	3350	1827	25583	-	-	-	5178	609	33197	2741	67308
OTHER	6096	2567	963	-	4492	1604	1604	17325	642	-	642	321	3529	1283	24384	47484
TOTAL OKI	55502	42071	12957	4926	83764	23372	15344	237937	12850	5745	18595	18827	8728	44596	47095	375778



OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED														
	HAMILTON							CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other					
			N. Of LMR	S. Of LMR											
HAMILTON															
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	1358	679	-	339	339	-	2715	-	-	-	-	-	-	-	2715
East Corridor North Of The Little Miami River	1511	-	-	151	-	-	1662	-	-	-	-	-	-	-	1662
East Corridor South Of The Little Miami River	258	86	86	-	-	-	516	-	-	-	-	-	-	-	516
Northeast	2176	-	-	-	242	-	2418	-	-	-	-	-	-	-	2418
North Central	1241	-	207	621	-	-	2276	-	-	-	-	-	-	-	2276
Northwest	2939	-	-	184	-	184	3306	-	-	-	-	-	-	-	3306
Subtotal	9483	765	293	967	1202	184	12894	-	-	-	-	-	-	-	12894
CLERMONT															
Eastern Corridor	721	-	-	144	-	-	865	-	-	-	-	-	-	-	865
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	721	-	-	144	-	-	865	-	-	-	-	-	-	-	865
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	253	-	-	-	-	-	253	-	-	-	-	-	-	-	253
BUTLER	305	-	-	-	-	-	305	-	-	-	305	-	-	-	609
OTHER	-	-	-	-	-	-	-	-	-	-	-	321	-	-	321
TOTAL OKI	10762	765	293	1111	1202	184	14317	-	-	-	305	-	321	-	14942

OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: OTHER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
			N. Of LMR	S. Of LMR										
HAMILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central Inner	-	339	-	-	-	-	339	-	-	-	-	-	-	339
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	86	-	-	-	-	-	-	86
Northeast	-	-	-	-	-	-	242	-	-	-	-	-	-	242
North Central	-	207	-	-	-	-	207	-	-	-	-	-	-	207
Northwest	184	-	-	-	-	-	184	-	-	-	-	-	-	184
Subtotal	184	546	-	-	-	-	1058	-	-	-	-	-	-	1058
CLERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Corridor	-	-	-	-	-	-	-	288	-	-	-	-	-	288
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	288	-	-	-	-	-	288
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	914	-	-	-	914
OTHER	-	-	-	-	-	-	-	-	-	-	-	321	-	321
TOTAL OKI	184	546	-	-	-	-	1058	288	-	288	-	914	321	2581

OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - SINGLE-OCCUPANT VEHICLE DRIVER

STARTED	ENDED														TOTAL	
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	1018	6789	679	679	679	679	15614	679	679	679	-	-	339	1018	17651	
East Corridor North Of The Little Miami River	2720	2116	2116	2569	151	-	9672	-	-	-	151	151	302	604	10881	
East Corridor South Of The Little Miami River	2667	1118	946	1806	258	172	8172	774	86	860	172	86	86	688	10064	
Northeast	4836	5561	2176	22245	2901	484	38928	1451	725	2176	2176	-	1934	2085	47300	
North Central	3931	2897	414	7863	6001	1448	22968	828	-	828	1035	621	3104	1862	30417	
Northwest	7163	6796	1469	5143	3673	7714	32142	367	-	367	-	184	1469	2020	36182	
Subtotal	22335	25276	7800	45396	13663	10497	127495	4099	811	4910	3534	1042	7235	8279	152495	
CLERMONT																
Eastern Corridor	1153	2018	432	2162	288	144	7351	4757	2018	6775	865	-	432	577	16000	
Other	1493	1244	746	5224	995	-	9951	1990	1990	3980	746	-	746	1244	16667	
Subtotal	2646	3262	1179	7386	1283	144	17302	6747	4008	10755	1611	-	1179	1820	32667	
WARREN	851	851	-	8509	567	284	11346	284	284	567	6807	-	1702	3120	23542	
CAMPBELL	3041	1520	253	2027	253	253	7602	253	-	253	-	3548	-	4308	15712	
BUTLER	3655	3046	914	11878	3046	1827	24365	-	-	-	5178	305	29238	2741	61826	
OTHER	4492	2567	642	3850	1604	1604	14758	642	-	642	321	3208	1283	20534	40746	
TOTAL OKI	37019	36522	10788	79047	20417	14610	202868	12024	5103	17128	17451	8102	40637	40802	326988	



OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV DRIVER

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Total																
HAMILTON																
Central Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	339	339	-	-	-	-	679	-	-	-	-	-	-	-	-	679
East Corridor North Of The Little Miami River	-	151	-	-	-	-	151	-	-	-	-	-	-	-	-	151
East Corridor South Of The Little Miami River	-	86	-	-	-	-	86	-	-	-	-	-	-	-	-	86
Subtotal	242	242	-	-	242	-	725	-	-	-	-	-	-	-	-	725
North Central	207	207	-	414	-	-	1035	-	-	-	-	-	-	-	-	1035
Northwest	1102	367	-	-	-	184	1653	-	-	-	-	-	-	-	-	1653
Subtotal	1890	1393	-	414	-	184	4415	-	-	-	-	-	-	-	86	4501
CLERMONT																
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	249	-	-	-	-	249	-	249	249	-	-	-	-	-	498
Subtotal	-	249	-	-	-	-	249	-	249	249	-	-	-	-	-	498
WARREN	-	-	-	-	-	-	-	-	-	-	567	-	-	-	567	1135
CAMPBELL	253	253	-	-	-	-	507	-	-	-	-	-	-	-	-	507
BUTLER	-	-	-	-	-	-	305	-	-	-	-	-	1218	-	-	1523
OTHER	321	-	-	-	321	-	642	-	-	-	-	-	-	963	-	1604
TOTAL OKI	2464	1895	-	770	414	184	6117	-	249	249	567	-	-	1218	1616	9767

**OKI TRANSPORTATION STUDY  
PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS**

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Total	Eastern Corridor					
HAMILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	414	-	-	-	242	-	-	-	-	-	-	-	-	-
Northwest	367	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	781	-	-	-	242	-	-	-	-	-	-	-	-	-
CLERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Corridor	-	-	144	-	-	-	-	144	-	144	288	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	144	-	-	-	-	144	-	144	288	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	305	-	-	-	-	305	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	781	-	144	-	242	305	-	1472	-	144	288	-	-	3239



OKI TRANSPORTATION STUDY  
 PEAK PERIOD HOME TO WORK TRIPS 6:30-8:30 AM - DRIVER/PASSENGER - SINGLE/MULTIPLE - DON'T KNOW

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
		N. Of LMR	S. Of LMR											
HAMILTON														
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	184	-	-	-	-	-	184	-	-	-	-	-	184
Subtotal	-	184	-	-	-	-	-	184	-	-	-	-	-	184
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	-	184	-	-	-	-	-	184	-	-	-	-	-	505

**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - TOTAL PERSONS**

STARTED	ENDED														TOTAL				
	HAMILTON										CLERMONT					BUTLER	CAMPBELL	WARREN	OTHER
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	Eastern Corridor	Other	Total					
			N. Of LMR	S. Of LMR															
<b>HAMILTON</b>																			
Central	-	3055	2871	1806	4594	3311	10469	26106	1153	995	2148	284	2027	1827	36243				
Inner	-	5092	1209	774	2901	2483	4775	17234	1441	249	1690	851	760	2132	23951				
East Corridor North Of The Little Miami River	-	339	2267	774	1451	414	1653	6898	144	249	393	284	507	609	9653				
East Corridor South Of The Little Miami River	-	-	-	1204	484	207	-	1895	1009	249	1258	-	253	-	963				
North-east	-	4413	2267	1204	15716	6207	4224	34032	1730	3234	4964	3971	1520	8528	55581				
North-Central	-	679	-	344	1209	5794	2939	10964	144	746	890	567	-	2132	15516				
North-west	-	339	151	-	967	414	3673	5545	144	-	144	284	253	1827	9337				
Subtotal	-	13917	8765	6108	27322	18829	27734	102675	5766	5722	11487	6240	5322	17055	154650				
<b>CLERMONT</b>																			
Eastern Corridor	-	339	-	430	967	414	551	2702	4036	1493	5529	284	-	-	9155				
Other	-	339	151	-	725	207	184	1607	1153	2736	3890	284	-	-	5780				
Subtotal	-	679	151	430	1693	621	735	4308	5189	4229	9418	567	-	-	14935				
WARREN	-	-	-	172	1451	828	-	2450	721	249	969	5389	-	2741	11871				
CAMPBELL	-	339	-	86	-	207	184	816	-	-	-	-	4561	305	6645				
BUTLER	-	1018	-	172	1451	1655	1102	5398	288	-	288	1418	-	22233	29980				
OTHER	-	339	302	946	2418	828	1469	6303	1297	1741	3039	5389	3548	2436	41248				
TOTAL OKI	-	16293	9218	7914	34334	22968	31223	121950	13261	11941	25202	19004	13431	44771	259329				

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE OR MOPED

STARTED	ENDED														TOTAL		
	HAMILTON							CLERMONT				BUTLER	CAMPBELL	WARREN		OTHER	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other	Total							
			N. Of LMR	S. Of LMR													
HAMILTON																	
Central	-	2376	1813	1462	1451	2483	8265	17851	721	995	1716	284	1774	1218	3529	26371	
Inner	-	4073	1209	688	2901	2276	4592	15740	1441	249	1690	851	760	2132	1283	22456	
East Corridor North Of The Little Miami River	-	-	2116	688	1451	207	1653	6114	144	249	393	284	507	609	963	8869	
East Corridor South Of The Little Miami River	-	-	-	1032	484	207	-	1723	1009	249	1258	-	253	-	963	4196	
North-east	-	4413	2267	1204	15716	6207	3857	33665	1730	3234	4964	3971	1520	8528	2567	55214	
North-Central	-	679	-	344	1209	5173	2939	10343	144	746	890	567	-	2132	963	14896	
Northwest	-	339	151	-	967	414	3673	5545	144	-	144	284	253	1827	1283	9337	
Subtotal	-	11880	7556	5419	24179	16967	24979	90980	5333	5722	11055	6240	5068	16446	11550	141340	
CLERMONT																	
Eastern Corridor	-	339	-	430	967	414	551	2702	3748	1493	5240	284	-	-	642	8867	
Other	-	339	151	-	725	207	184	1607	1153	2736	3890	284	-	-	-	5780	
Subtotal	-	679	151	430	1693	621	735	4308	4901	4229	9130	567	-	-	642	14647	
WARREN	-	-	-	172	1451	828	-	2450	721	249	969	5105	-	2741	321	11587	
CAMPBELL	-	339	-	86	-	207	184	816	-	-	-	-	4561	305	963	6645	
BUTLER	-	1018	-	172	1451	1655	1102	5398	288	-	288	1418	-	21928	642	29675	
OTHER	-	339	302	946	2418	828	1469	6303	1297	1741	3039	5389	3548	2436	19571	40286	
TOTAL OKI	-	14256	8009	7226	31191	21105	28468	110256	12541	11941	24481	18720	13178	43857	33688	244180	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED													TOTAL			
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER				
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor						Other	Total	
		N. Of LMR	S. Of LMR														
HAMILTON																	
Central	-	679	1058	258	2660	828	2204	7686	432	-	432	-	253	609	321	9302	
Inner	-	1018	-	86	-	-	-	1104	-	-	-	-	-	-	-	1104	
East Corridor North Of The Little Miami River	-	339	-	86	-	207	-	632	-	-	-	-	-	-	-	632	
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northeast	-	-	-	-	-	-	367	367	-	-	-	-	-	-	-	367	
North Central	-	-	-	-	-	621	-	621	-	-	-	-	-	-	-	621	
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal	-	2037	1058	430	2660	1655	2571	10411	432	-	432	-	253	609	321	12027	
CLERMONT																	
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	321	321	
TOTAL OKI	-	2037	1058	430	2660	1655	2571	10411	432	-	432	-	253	609	642	12348	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - TRANSIT MODE: OTHER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor					
			N. Of LMR	S. Of LMR										
HAMILTON														
Central	-	-	86	484	-	-	570	-	-	-	-	-	-	570
Inner	-	-	-	-	207	184	391	-	-	-	-	-	-	391
East Corridor North Of The Little Miami River	-	-	151	-	-	-	151	-	-	-	-	-	-	151
East Corridor South Of The Little Miami River	-	-	-	-	-	-	172	-	-	-	-	-	-	172
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	151	484	207	184	1283	-	-	-	-	-	-	1283
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	288	-	-	-	-	-	288
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	288	-	-	-	-	-	288
WARREN	-	-	-	-	-	-	-	-	284	-	-	-	-	284
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	305	-	-	-	305
OTHER	-	-	-	-	-	-	-	-	-	-	642	-	-	642
TOTAL OKI	-	-	151	484	207	184	1283	288	-	-	-	305	642	2802



**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - HOUSEHOLD MOV DRIVER WITH AT LEAST ONE HOUSEHOLD PASSENGER**

STARTED	ENDED														TOTAL			
	HAMILTON							CLERMONT				WARREN	CAMPBELL	BUTLER		OTHER		
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other	Total								
			N. Of LMR	S. Of LMR							Eastern Corridor						Other	
Total		Total		Total		Total		Total		Total		Total						
HAMILTON																		
Central	-	339	-	-	-	367	-	144	-	707	-	-	-	-	284	-	-	1455
Inner	-	-	151	86	-	-	-	-	-	237	-	-	-	-	-	-	-	237
East Corridor North Of The Little Miami River	-	-	-	-	-	184	-	-	-	184	-	-	-	-	-	-	-	184
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	-	-	144
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	414	-	-	-	-	414	-	-	-	-	-	-	-	625
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	414
Subtotal	-	339	151	86	-	414	551	288	-	1541	-	-	-	284	-	305	642	3060
CLERMONT																		
Eastern Corridor	-	-	-	-	207	-	-	144	-	207	-	-	-	-	-	-	-	351
Other	-	-	-	-	-	184	-	-	249	184	-	-	-	-	-	-	-	432
Subtotal	-	-	-	-	207	184	-	144	249	391	-	-	-	-	-	-	-	783
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	284	-	-	-	284
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	609	-	609
OTHER	-	-	-	86	-	-	-	-	-	86	-	-	-	284	-	-	642	1011
TOTAL OKI	-	339	151	172	-	621	735	432	249	2018	-	-	851	-	914	1283	-	5747

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV DRIVER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor					
HAMILTON														
Central	-	339	-	-	-	551	890	-	-	-	-	-	-	-
Inner	-	339	151	86	-	184	967	-	-	-	253	-	-	1465
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	305	-	305
Northeast	-	-	-	-	242	-	242	-	-	-	-	-	-	-
North Central	-	-	-	-	-	184	391	-	-	-	-	-	-	563
Northwest	-	-	-	-	242	-	242	-	-	-	-	-	-	391
Subtotal	-	679	151	86	484	414	918	2732	-	-	507	305	642	4185
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	253	-	-	253
BUTLER	-	-	-	-	-	-	-	-	-	-	-	914	-	914
OTHER	-	-	-	86	-	-	86	-	-	-	-	-	642	1011
TOTAL OKI	-	679	151	172	484	414	918	2818	-	-	284	1218	1283	6363



**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TO HOME TRIPS 4:00-6:00 PM - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD MOV DRIVER**

STARTED	ENDED														
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor						Other
HAMILTON															
Central	-	-	-	-	242	207	551	1000	-	-	-	-	-	-	1000
Inner	-	339	-	-	-	207	-	546	-	-	-	-	-	-	546
East Corridor North Of The Little Miami River	-	-	-	-	-	-	184	184	-	-	-	-	-	-	505
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	144	-	-	-	-	-	144
Northeast	-	-	-	-	725	207	-	1018	-	-	-	-	-	-	1018
North Central	-	-	-	-	-	207	-	207	-	-	-	-	-	-	207
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	339	-	-	967	828	735	2955	144	-	144	-	-	321	3420
CLERMONT															
Eastern Corridor	-	-	-	-	-	-	-	-	144	-	-	-	-	-	144
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	144	-	144	-	-	-	144
WARREN	-	-	-	-	-	-	-	-	-	-	-	305	-	-	305
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	305	-	-	305
BUTLER	-	-	-	-	-	-	-	-	-	-	-	305	-	-	305
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	642	-	642
TOTAL OKI	-	339	-	-	967	828	735	2955	288	-	288	-	914	963	5119



**OKI TRANSPORTATION STUDY  
24-HOUR HOME TO WORK/WORK TO HOME TRIPS - TOTAL PERSONS**

STARTED	ENDED													TOTAL			
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER				
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other						Total		
		N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER				
HAMILTON																	
Central	2604	5431	4987	2925	8388	4552	12857	41744	2306	1990	1418	3294	3350	6417	60519		
Inner	7440	31907	3662	1806	17195	8849	11927	82785	2748	746	1418	2960	5012	4245	99915		
East Corridor North Of The Little Miami River	5743	3890	7103	1613	8160	1186	2171	29866	728	1644	586	960	1518	2813	38114		
East Corridor South Of The Little Miami River	3957	2920	2302	5075	3580	465	539	18839	3622	756	344	511	344	2316	26732		
Northeast	11364	18255	8040	3548	72295	18804	9358	141663	4766	6938	11852	3294	19043	8349	195905		
North Central	6828	10843	979	930	17732	30417	7189	74918	1548	1409	2299	621	9425	3394	93614		
Northwest	15612	12745	2539	539	10334	7533	26999	76301	944	184	1018	690	5617	6791	91545		
Subtotal	53547	85991	29610	16437	137685	71805	71040	466115	16663	13666	18936	12331	44310	34325	606346		
CLERMONT																	
Eastern Corridor	2595	2646	865	4169	5389	846	1128	17637	16865	6693	2148	507	737	2260	46847		
Other	2736	2081	2044	842	9162	1906	184	18955	6247	13433	2274	-	1051	2736	44696		
Subtotal	5331	4727	2908	5010	14552	2753	1311	36592	23112	20127	4422	507	1788	4996	91543		
WARREN	1702	1135	435	714	15465	2246	935	22631	1716	1776	29215	-	9190	7449	71977		
CAMPBELL	5322	3466	760	593	4803	921	944	16809	507	-	-	17486	305	9679	44785		
BUTLER	5482	6196	2130	344	22519	8586	4761	50018	1025	-	8969	609	110861	5819	177302		
OTHER	7700	8509	3001	2018	12620	5484	7386	46719	2836	2488	8016	10455	7375	100422	178311		
TOTAL OKI	79084	110024	38844	25116	207644	91794	86377	638883	45859	38056	69559	41388	173828	162690	170262		

**OKI TRANSPORTATION STUDY  
24-HOUR HOME TO WORK/WORK TO HOME TRIPS - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE OR MOPED**

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Central			Inner													
HAMILTON																
Central	1302	3734	3929	2495	4594	3311	10285	29649	1730	1990	3720	1418	3041	2741	5454	46024
Inner	4045	25458	3322	1720	15256	7623	11743	69168	2748	746	3494	1418	2960	5012	4245	86298
East Corridor North Of The Little Miami River	4231	3550	6347	1527	8009	772	2171	26608	728	1644	2371	586	960	1518	2813	34857
East Corridor South Of The Little Miami River	3441	2834	2216	4731	3494	465	539	17720	3536	756	4292	344	511	344	2316	25527
Northeast	8946	17674	7737	3548	71086	18562	8990	136544	4622	6938	11559	11852	3041	19043	8107	190147
North Central	5380	9618	772	930	17076	28348	7189	69312	1548	1409	2957	2299	621	9425	3394	88009
Northwest	12122	12378	2539	539	9967	7349	25162	70056	944	184	1128	1018	690	5312	6791	84996
Subtotal	39468	75245	26862	15491	129483	66429	66081	419059	15856	13666	29522	18936	11824	43397	33121	555858
CLERMONT																
Eastern Corridor	1874	2502	865	4169	5245	846	1128	16628	15279	6693	21973	2148	507	737	2260	44252
Other	2736	2081	2044	842	9162	1906	184	18955	6247	11941	18188	2274	-	1051	2736	43204
Subtotal	4610	4582	2908	5010	14407	2753	1311	35583	21526	18634	40160	4422	507	1788	4996	87456
WARREN	1702	1135	435	714	15465	2246	935	22631	1716	1776	3492	28080	-	9190	7449	70842
CAMPBELL	4815	3466	760	593	4803	921	944	16302	507	-	507	-	16979	305	9679	43771
BUTLER	4873	6196	2130	344	22519	8586	4457	49104	1025	-	1025	8969	609	106597	5819	172124
OTHER	7700	7491	3001	2018	12378	5278	7386	45252	2836	2488	5324	8016	10455	7070	97855	173972
TOTAL OKI	63168	98115	36096	24170	199056	86212	81113	587930	43466	36564	80030	68424	40374	168346	158919	104023

OKI TRANSPORTATION STUDY  
 24-HOUR HOME TO WORK/WORK TO HOME TRIPS - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	-	1697	1058	344	3311	1241	2571	10223	577	-	577	-	253	609	642	12303
Inner	3394	4413	339	86	1358	1018	-	10609	-	-	-	-	-	-	-	10609
East Corridor North Of The Little Miami River	1511	339	151	86	151	414	-	2653	-	-	-	-	-	-	-	2653
East Corridor South Of The Little Miami River	516	86	86	-	86	-	-	774	-	-	-	-	-	-	-	774
North-east	2418	339	302	-	484	242	367	4152	144	-	144	-	253	-	242	4792
North Central	1448	1018	207	-	449	1448	-	4571	-	-	-	-	-	-	-	4571
North-west	3306	184	-	-	367	184	1286	5326	-	-	-	-	-	-	-	5326
Subtotal	12594	8077	2144	516	6205	4548	4224	38307	721	-	721	-	507	609	883	41028
CLERMONT																
Eastern Corridor	721	144	-	-	144	-	-	1009	-	-	-	-	-	-	-	1009
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	721	144	-	-	144	-	-	1009	-	-	-	-	-	-	-	1009
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	507	-	-	-	-	-	-	507	-	-	-	-	-	-	-	507
BUTLER	609	-	-	-	-	-	-	609	-	-	-	-	-	305	-	914
OTHER	-	1018	-	-	242	207	-	1467	-	-	-	-	-	-	642	2109
TOTAL OKI	14431	9239	2144	516	6591	4754	4224	41899	721	-	721	-	507	914	1525	45566

OKI TRANSPORTATION STUDY  
24-HOUR HOME TO WORK/WORK TO HOME TRIPS - TRANSIT MODE: OTHER

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	1302	-	-	86	484	-	-	1872	-	-	-	-	-	-	321	2192
Inner	-	2037	-	-	581	207	184	3008	-	-	-	-	-	-	-	3008
East Corridor North Of The Little Miami River	-	-	604	-	-	-	-	604	-	-	-	-	-	-	-	604
East Corridor South Of The Little Miami River	-	-	-	344	-	-	-	344	86	-	86	-	-	-	-	430
North-east	-	242	-	-	725	-	-	967	-	-	-	-	-	-	-	967
North Central	-	207	-	-	207	621	-	1035	-	-	-	-	-	-	-	1035
North-west	184	184	-	-	-	-	551	918	-	-	-	-	-	305	-	1223
Subtotal	1486	2669	604	430	1997	828	735	8749	86	-	86	-	-	305	321	9460
CLERMONT																
Eastern Corridor	-	-	-	-	-	-	-	-	1586	-	1586	-	-	-	-	1586
Other	-	-	-	-	-	-	-	-	-	1493	1493	-	-	-	-	1493
Subtotal	-	-	-	-	-	-	-	-	1586	1493	3078	-	-	-	-	3078
WARREN	-	-	-	-	-	-	-	-	-	-	-	1135	-	-	-	1135
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	507	-	-	507
BUTLER	-	-	-	-	-	-	305	305	-	-	-	-	-	3959	-	4264
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	305	1925	2230
TOTAL OKI	1486	2669	604	430	1997	828	1039	9053	1672	1493	3164	1135	507	4568	2246	20673



OKI TRANSPORTATION STUDY  
 24-HOUR HOME TO WORK/WORK TO HOME TRIPS - HOUSEHOLD MOV DRIVER WITH AT LEAST ONE HOUSEHOLD PASSENGER

STARTED	ENDED																
	HAMILTON							CLERMONT									
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other		Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
			N. Of LMR	S. Of LMR						Other	Total						
HAMILTON																	
Central	-	339	-	-	484	-	367	1190	144	249	393	284	-	-	-	321	2188
Inner	-	679	151	86	-	-	339	1255	-	-	-	-	-	-	-	-	1255
East Corridor North Of The Little Miami River	-	151	151	-	302	-	184	788	-	-	-	-	-	-	-	-	788
East Corridor South Of The Little Miami River	-	172	86	258	86	-	-	602	288	-	288	-	-	-	-	-	976
Northeast	967	484	151	86	1693	449	-	3829	-	-	-	284	-	-	305	321	4738
North Central	207	207	-	-	449	1655	-	2518	-	-	-	207	-	-	-	249	2974
Northwest	735	-	184	-	184	184	735	2020	-	-	-	-	-	-	-	-	2020
Subtotal	1909	2032	723	430	3197	2288	1625	12203	432	249	681	774	-	-	305	976	14940
CLERMONT																	
Eastern Corridor	144	-	-	288	-	207	-	639	288	393	681	-	-	-	-	-	1321
Other	249	249	249	-	-	-	184	930	393	498	890	-	-	-	-	-	1820
Subtotal	393	249	249	288	-	207	184	1569	681	890	1572	-	-	-	-	-	3141
WARREN	284	-	-	-	567	-	-	851	-	-	-	2553	-	-	305	851	4559
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	305	-	609	-	-	914	-	-	-	-	-	-	4568	-	5482
OTHER	321	321	-	86	321	321	-	1369	144	-	144	284	-	-	609	6096	8502
TOTAL OKI	2906	2602	1276	804	4694	2815	1809	16907	1258	1139	2397	3611	-	-	5787	7923	36624

**OKI TRANSPORTATION STUDY  
24-HOUR HOME TO WORK/WORK TO HOME TRIPS - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV DRIVER**

STARTED	ENDED														TOTAL	
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	1302	339	-	86	242	-	918	2888	288	-	288	-	253	-	642	4071
Inner	339	679	151	86	-	207	523	1985	-	-	-	253	-	-	-	2239
East Corridor North Of The Little Miami River	-	151	-	-	302	-	184	637	-	-	-	-	-	305	-	942
East Corridor South Of The Little Miami River	-	86	172	172	-	-	-	430	-	-	-	-	-	-	86	516
Northeast	484	581	242	-	2418	449	242	4415	-	-	-	-	-	305	321	5324
North Central	207	414	-	-	449	1448	184	2702	-	207	207	-	-	-	-	3115
Northwest	1102	367	184	-	242	-	184	2078	-	-	-	-	-	-	-	2078
Subtotal	3434	2618	749	344	3652	2104	2234	15135	288	207	495	507	609	1049		18285
CLERMONT																
Eastern Corridor	288	-	-	-	-	-	-	288	1009	1139	2148	-	-	-	-	2436
Other	-	249	249	-	-	207	-	704	1139	498	1637	-	-	-	-	2341
Subtotal	288	249	249	-	-	207	-	993	2148	1637	3785	-	-	-	-	4778
WARREN	-	-	284	-	567	284	-	1135	-	-	-	3120	-	-	567	4822
CAMPBELL	253	253	-	-	-	-	-	507	-	-	-	253	-	-	253	1014
BUTLER	-	-	607	-	305	-	-	911	-	-	-	-	4264	-	-	5175
OTHER	321	-	151	86	642	642	-	1841	144	-	144	567	321	4171	7044	
TOTAL OKI	4296	3120	2039	430	5166	3236	2234	20522	2581	1844	4424	4178	1081	4873	6040	41118



OKI TRANSPORTATION STUDY  
 24-HOUR HOME TO WORK/WORK TO HOME TRIPS - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD MOV DRIVER

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Total																
HAMILTON																
Central	-	-	242	207	551	1000	-	-	249	-	249	-	507	-	-	1755
Inner	651	2037	484	414	339	3924	144	144	-	-	144	-	-	-	-	4069
East Corridor North Of The Little Miami River																
East Corridor South Of The Little Miami River	-	-	-	-	184	184	-	-	249	-	249	-	-	456	321	1209
North-east	-	-	86	-	-	86	-	-	-	-	-	-	-	-	-	230
North Central	242	823	1934	828	-	4064	144	144	249	249	393	-	-	-	242	4699
Northwest	-	753	621	1448	-	2822	-	-	-	-	-	-	-	-	-	2822
Subtotal	1444	4136	3280	2897	1625	13889	432	432	746	746	1179	-	507	456	563	16593
CLERMONT																
Eastern Corridor																
Other	-	-	144	-	-	374	432	432	249	249	681	-	-	-	-	1056
Subtotal	249	-	-	-	-	249	249	249	-	-	249	249	-	-	-	746
WARREN																
CAMPBELL	-	-	-	-	-	-	-	-	249	249	249	-	-	-	-	1802
BUTLER	760	-	253	-	-	1267	-	-	-	-	249	-	-	305	284	837
OTHER	-	-	-	305	-	305	-	-	-	-	-	305	305	1218	-	1572
TOTAL OKI	3415	4475	3920	3201	1625	17948	1114	1114	1244	1244	2357	553	811	2283	3413	27366

OKI TRANSPORTATION STUDY  
 24-HOUR HOME TO WORK/WORK TO HOME TRIPS - DRIVER/PASSENGER - SINGLE/MULTIPLE - DON'T KNOW

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor					
HAMILTON														
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	-	339	-	-	-	-	-	-	-	-	-	-	-	339
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	242	-	-	-	-	-	-	-	-	-	242
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	184	-	-	-	-	-	-	-	-	-	-	-	184
Subtotal	-	523	-	242	-	-	-	-	-	-	-	-	-	765
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	321	-	321
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	321	321
WARREN	-	-	-	242	-	-	-	-	-	-	-	-	-	242
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	321	321
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-	321	-	321
TOTAL OKI	-	523	-	484	-	-	-	-	-	-	-	321	642	1969



OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE  
 OR MOPED

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Total																
HAMILTON																
Central	2395	270	86	86	725	-	367	3843	86	249	335	-	86	695	1169	6128
Inner	1072	4252	86	86	2213	293	511	8428	-	-	-	-	339	488	753	10009
East Corridor North Of The Little Miami River	723	807	1065	-	846	-	-	3441	-	-	-	-	-	421	86	3948
East Corridor South Of The Little Miami River	402	230	409	316	86	172	-	1616	402	86	488	-	86	-	-	2190
North-east	777	967	725	570	13440	449	609	17537	-	242	242	1255	-	393	505	19931
North Central	500	-	-	184	2011	3999	-	6693	695	-	695	207	321	491	-	8407
Northwest	2755	2378	-	-	793	1065	3085	10076	367	-	367	-	-	488	-	10932
Subtotal	8623	8904	2199	1241	20115	5977	4573	51634	1551	577	2127	1462	832	2976	2513	61545
CLERMONT																
Eastern Corridor	804	-	374	-	1042	-	-	2220	1960	393	2353	249	-	-	144	4966
Other	144	-	532	-	642	-	-	1318	288	1139	1427	-	-	-	746	3492
Subtotal	949	-	907	-	1683	-	-	3538	2248	1532	3780	249	-	-	890	8458
WARREN	-	242	-	-	1276	400	-	1918	-	-	-	3206	-	284	1376	6784
CAMPBELL	574	846	-	86	574	-	-	2081	253	-	253	-	2741	-	1774	6849
BUTLER	305	321	-	-	2529	1002	305	4461	207	249	456	1000	-	7521	1218	14656
OTHER	4313	1444	491	-	1011	293	735	8286	253	660	914	-	574	930	13175	23879
TOTAL OKI	14763	11757	3597	1328	27190	7672	5612	71918	4513	3018	7530	5917	4148	11711	20947	122171



OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: OTHER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
		N. Of LMR	S. Of LMR											
HAMILTON														
Central	4866	-	-	-	-	-	-	-	-	-	-	-	-	4866
Inner	-	305	-	-	-	-	-	-	-	-	-	-	-	305
East Corridor North Of														
The Little Miami River	151	-	-	-	-	-	-	-	-	-	-	-	-	151
East Corridor South Of														
The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	-	-	-	184	-	-	-	-	-	-	-	-	184
Subtotal	5017	305	-	-	184	-	-	-	-	-	-	-	-	5505
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	207	-	-	-	-	207
BUTLER	-	-	-	-	-	-	-	-	-	305	-	-	-	305
OTHER	-	-	-	-	-	-	-	-	-	-	1307	-	-	1307
TOTAL OKI	5017	305	-	-	184	-	-	-	207	305	-	-	1307	7323

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - SINGLE-OCCUPANT VEHICLE DRIVER

STARTED	ENDED														TOTAL		
	HAMILTON							CLERMONT				WARREN	CAMPBELL	BUTLER		OTHER	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Eastern Corridor	Other	Total							
			N. Of LMR	S. Of LMR							Total						
HAMILTON																	
Central	1339	270	-	86	725	-	184	2604	-	249	249	-	-	695	-	4717	
Inner	732	3969	-	86	2213	293	511	7805	-	-	-	339	-	305	249	8697	
East Corridor North Of The Little Miami River	723	635	811	-	695	-	-	2864	-	-	-	-	-	421	-	3371	
East Corridor South Of The Little Miami River	402	230	258	316	-	172	-	1379	316	86	402	86	-	-	-	1867	
Northeast	777	967	725	570	11464	449	609	15561	-	242	242	-	-	393	-	17451	
North Central	86	-	-	184	1827	3585	-	5682	391	-	391	321	-	284	-	6884	
Northwest	2204	1672	-	-	793	1065	2397	8130	367	-	367	-	-	488	-	8986	
Subtotal	6263	7742	1795	1241	17718	5563	3701	44024	1074	577	1651	746	-	2585	1504	51973	
CLERMONT																	
Eastern Corridor	546	-	230	-	1042	-	-	1818	1874	393	2267	-	-	-	144	4478	
Other	144	-	249	-	393	-	-	786	288	642	930	-	-	-	249	1965	
Subtotal	690	-	479	-	1434	-	-	2604	2162	1035	3197	-	-	-	393	6442	
WARREN	-	-	-	-	1276	400	-	1676	-	-	-	-	-	284	1376	5691	
CAMPBELL	253	846	-	86	574	-	-	1760	253	-	253	1981	-	-	1520	5515	
BUTLER	305	-	-	-	2225	1002	305	3836	207	249	456	-	-	6273	914	12478	
OTHER	3671	1160	207	-	437	293	735	6503	253	660	914	-	-	609	10967	18992	
TOTAL OKI	11183	9748	2481	1328	23665	7258	4740	60403	3950	2520	6470	2727	-	9751	16674	101091	



OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV  
 DRIVER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
		N. Of LMR	S. Of LMR											
HAMILTON														
Central	184	-	-	-	-	-	-	184	-	-	-	-	-	367
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North-east	-	-	-	-	491	-	-	-	-	-	-	-	-	491
North Central	207	-	-	-	-	414	-	-	-	-	-	-	-	621
North-west	184	-	-	-	-	-	-	-	-	-	-	-	-	184
Subtotal	574	-	-	-	491	414	184	1662	-	-	-	-	-	1662
CLERMONT														
Eastern Corridor	86	-	-	-	-	-	-	-	-	-	-	-	-	86
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	86	-	-	-	-	-	-	86	-	-	-	-	-	86
WARREN	-	-	-	-	-	-	-	-	284	-	-	-	-	284
CAMPBELL	-	-	-	-	-	-	-	-	-	253	-	-	-	253
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	321	-	-	-	-	-	-	-	-	-	-	321	-	642
TOTAL OKI	981	-	-	-	491	414	184	2069	284	253	-	570	-	3176

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS

STARTED	ENDED														
	HAMILTON							CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other					
		N. Of LMR	S. Of LMR												
HAMILTON															
Central	184	-	-	-	-	-	-	184	-	-	-	-	-	-	270
Inner	-	284	-	-	-	-	-	284	-	-	-	-	-	184	972
East Corridor North Of The Little Miami River	-	86	-	-	-	-	-	86	-	-	-	-	-	-	86
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	-	-	-	-	495	-	-	-	-	-	-	816
North Central	-	-	-	-	-	-	-	184	-	-	-	-	-	-	184
Northwest	184	367	-	-	-	-	505	1056	-	-	-	-	-	-	1056
Subtotal	367	737	-	-	-	-	505	2288	172	-	-	-	184	825	3469
CLERMONT															
Eastern Corridor	86	-	144	-	-	-	-	230	-	-	-	-	-	-	230
Other	-	-	284	-	-	-	-	532	-	498	-	-	-	-	1030
Subtotal	86	-	428	-	-	-	-	763	-	498	-	-	-	-	1260
WARREN	-	242	-	-	-	-	-	242	-	-	-	-	-	-	525
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253
BUTLER	-	321	-	-	-	-	-	625	-	-	-	-	609	305	1539
OTHER	321	284	-	-	-	-	-	858	-	-	-	-	-	604	1783
TOTAL OKI	774	1583	428	-	-	505	4775	4775	172	498	670	284	321	1988	8830

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 6:30-8:30 AM - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD  
 MOV DRIVER

STARTED	ENDED																		
	HAMILTON										CLERMONT				WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor	Other	Total						
			N. Of LMR	S. Of LMR															
HAMILTON																			
Central Inner	505	-	-	-	-	-	-	-	-	505	-	-	-	-	86	-	-	591	
East Corridor North Of The Little Miami River	-	86	-	-	253	-	-	-	-	491	-	-	-	-	-	-	-	491	
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northeast	-	-	-	-	-	500	-	-	-	500	-	-	-	-	-	-	184	684	
North Central	-	-	-	-	-	-	-	-	-	-	305	-	-	-	-	-	-	305	
Northwest	-	-	-	-	-	-	-	184	-	184	-	-	-	-	-	-	-	184	
Subtotal	505	86	-	-	253	651	-	184	-	1679	305	-	305	86	-	-	2253		
CLERMONT																			
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAMPBELL	321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	321	
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	-	151	
OTHER	-	-	-	-	-	321	-	-	-	321	-	-	-	-	-	321	-	1604	
TOTAL OKI	825	86	-	-	253	972	-	184	-	2320	305	-	305	86	-	472	1146	4329	



OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - TOTAL PERSONS

STARTED	ENDED														TOTAL		
	HAMILTON							CLERMONT				BUTLER	CAMPBELL	WARREN		OTHER	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other	Total							
			N. Of LMR	S. Of LMR							Other						Total
HAMILTON																	
Central	5980	3541	1262	402	3766	828	2383	18162	1334	249	1583	491	2532	1218	26946		
Inner	1155	6998	925	1190	2827	1783	1309	16188	609	-	609	-	1002	609	18971		
East Corridor North Of The Little Miami River	393	398	663	639	1869	207	184	4352	374	144	518	-	-	609	6198		
East Corridor South Of The Little Miami River	-	284	86	414	242	-	184	1209	288	-	288	-	253	-	1751		
Northeast	930	2067	1095	944	16095	2288	1355	24774	537	1388	1925	1362	253	4282	34825		
North Central	305	788	-	-	2065	5698	551	9407	144	-	144	305	-	1611	11466		
Northwest	184	890	367	-	184	207	2692	4524	-	-	-	-	253	305	5336		
Subtotal	8946	14965	4399	3590	27048	11011	8658	78616	3287	1781	5068	2158	4294	8635	105492		
CLERMONT																	
Eastern Corridor	-	-	-	558	830	-	184	1572	2399	393	2792	-	-	-	4364		
Other	-	-	-	230	-	288	-	518	393	1074	1467	-	-	151	2137		
Subtotal	-	-	-	788	830	288	184	2090	2792	1467	4259	-	-	151	6500		
WARREN	-	-	86	-	732	491	-	1309	249	-	249	2718	-	305	5298		
CAMPBELL	321	253	151	172	242	207	305	1651	-	-	-	-	1286	-	3443		
BUTLER	151	949	-	-	730	1927	844	4601	249	249	498	-	-	13687	19106		
OTHER	144	914	302	249	1279	207	367	3462	230	-	230	1781	1334	1425	21022		
TOTAL OKI	9562	17081	4938	4799	30861	14131	10357	91729	6807	3497	10304	6656	6914	24202	160862		

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE  
 OR MOPEL

STARTED	ENDED														TOTAL					
	HAMILTON										CLERMONT					BUTLER	OTHER	TOTAL		
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER					OTHER	TOTAL
			N. Of LMR	S. Of LMR																
HAMILTON																				
Central	1795	2471	1262	258	3099	621	2199	11706	1248	-	1248	491	2532	1218	2706	19901				
Inner	1155	6847	925	1190	2827	1783	1309	16037	609	-	609	-	1002	609	563	18820				
East Corridor North Of The Little Miami River	393	398	663	639	1869	207	184	4352	374	144	518	-	-	609	718	6198				
East Corridor South Of The Little Miami River	-	284	86	414	242	-	184	1209	288	-	288	-	253	-	-	1751				
North-east	779	1727	1095	944	16095	2288	1355	24284	537	1388	1925	1362	253	4282	2227	34334				
North Central	305	449	-	-	2065	5491	367	8677	144	-	144	305	-	1611	-	10736				
Northwest	184	890	367	-	184	207	2692	4524	-	-	-	-	253	305	253	5336				
Subtotal	4610	13066	4399	3446	26381	10597	8291	70789	3201	1532	4733	2158	4294	8635	6468	97076				
CLERMONT																				
Eastern Corridor	-	-	-	558	830	-	184	1572	2399	393	2792	-	-	-	-	4364				
Other	-	-	-	230	-	288	-	518	393	1074	1467	-	-	151	-	2137				
Subtotal	-	-	-	788	830	288	184	2090	2792	1467	4259	-	-	151	-	6500				
WARREN	-	-	86	-	732	491	-	1309	249	-	249	2718	-	305	718	5298				
CAMPBELL	321	253	151	172	242	207	305	1651	-	-	-	-	1286	-	507	3443				
BUTLER	151	949	-	-	730	1927	844	4601	249	249	498	-	-	13078	321	18497				
OTHER	144	914	302	249	1279	207	367	3462	230	-	230	1781	1334	1425	12606	20838				
TOTAL OKI	5226	15182	4938	4654	30193	13717	9990	83901	6721	3248	9969	6656	6914	23593	20620	151653				

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED														
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Total	Eastern Corridor						Other
HAMILTON															
Central Inner	242	1069	-	144	484	207	184	2330	86	249	335	-	-	253	2918
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	339	-	-	-	-	-	339	-	-	-	-	-	-	339
North Central	-	339	-	-	-	-	184	523	-	-	-	-	-	-	523
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	242	1748	-	144	484	207	367	3192	86	249	335	-	-	253	3780
CLERMONT															
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	242	1748	-	144	484	207	367	3192	86	249	335	-	-	253	3780

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: OTHER

STARTED	ENDED											TOTAL					
	HAMILTON						CLERMONT		WARREN	CAMPBELL	BUTLER		OTHER				
	Central	Inner	Eastern Corridor		North-east	North-west	North-west	Total						Eastern Corridor	Other		
		N. Of LMR	S. Of LMR	North-east	North-west	North-west	Total										
HAMILTON																	
Central	3943	-	-	-	-	-	4127	-	-	-	-	-	-	-	-	-	4127
Inner	-	151	-	-	-	-	151	-	-	-	-	-	-	-	-	-	151
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	151	-	-	-	-	-	151	-	-	-	-	-	-	-	-	-	151
North Central	-	-	-	-	207	-	207	-	-	-	-	-	-	-	-	-	207
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	4094	151	-	-	184	207	4636	-	-	-	-	-	-	-	-	-	4636
CLERMONT																	
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	609	-	-	-	-	-	-	609
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	184	-	-	184
TOTAL OKI	4094	151	-	-	184	207	4636	-	-	-	-	-	-	609	184	-	5429

**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - SINGLE-OCCUPANT VEHICLE DRIVER**

STARTED	ENDED														TOTAL	
	HAMILTON										CLERMONT					
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	1153	1895	960	172	2276	207	1125	7788	1065	-	1065	249	1451	1218	2385	14156
Inner	765	5756	925	960	2246	1237	1125	13015	609	-	609	-	1002	609	563	15798
East Corridor North Of The Little Miami River	393	398	328	344	1500	-	184	3146	288	-	288	-	-	305	574	4313
East Corridor South Of The Little Miami River	-	284	86	414	242	-	184	1209	144	-	144	-	253	-	-	1607
Northeast	537	1083	695	702	13185	1862	1172	19236	537	1388	1925	1362	253	3978	2227	28982
North Central	305	449	-	-	1781	3794	367	6696	-	-	-	305	-	1023	-	8023
Northwest	184	523	-	-	-	207	1774	2688	-	-	-	-	253	305	253	3499
Subtotal	3336	10388	2994	2592	21229	7307	5931	53777	2643	1388	4031	1916	3213	7437	6003	76378
CLERMONT																
Eastern Corridor	-	-	-	538	623	-	184	1365	2399	393	2792	-	-	-	-	4157
Other	-	-	-	230	-	288	-	518	393	930	1323	-	-	151	-	1992
Subtotal	-	-	-	788	623	288	184	1883	2792	1323	4115	-	-	151	-	6149
WARREN	-	-	86	-	491	491	-	1067	249	-	249	1846	-	305	151	3618
CAMPBELL	321	253	151	172	242	207	305	1651	-	-	-	965	-	-	253	2869
BUTLER	151	609	-	-	730	1927	505	3922	249	-	249	-	-	10795	-	14965
OTHER	-	730	302	249	795	207	184	2467	230	-	230	1193	828	1218	10327	16263
TOTAL OKI	3808	11980	3534	3801	24109	10427	7107	64767	6163	2711	8874	4954	5006	19906	16735	120242



**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV  
DRIVER**

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
HAMILTON														
Central	321	-	-	86	184	207	184	981	-	-	-	-	-	981
Inner	-	249	-	-	-	-	184	432	-	-	-	-	-	432
East Corridor North Of The Little Miami River	-	-	86	-	284	-	-	370	86	-	-	-	-	456
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	242	-	-	-	732	-	-	974	-	-	-	-	-	974
North Central	-	-	-	-	284	849	-	1132	-	-	-	-	-	1132
Northwest	-	-	184	-	184	-	184	551	-	-	-	-	-	551
Subtotal	563	249	270	86	1667	1056	551	4441	86	-	-	-	-	4527
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	284	567
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	305	305
OTHER	-	184	-	-	-	-	-	184	-	-	-	321	-	809
TOTAL OKI	563	432	270	86	1667	1056	551	4624	86	-	305	604	588	6207

**OKI TRANSPORTATION STUDY  
PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS**

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	N. Of Eastern Corridor LMR	S. Of LMR	North-east	North-Central	North-west	Total	Eastern Corridor					
HAMILTON														
Central	-	425	-	-	-	707	1132	184	-	-	-	321	-	2199
Inner	-	339	-	339	-	-	679	-	-	-	-	-	-	679
East Corridor North Of The Little Miami River	-	-	249	144	-	-	393	-	-	144	-	-	-	681
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	242	242	242	184	1100	-	-	-	-	-	-	1100
North Central	-	-	-	-	321	-	321	-	-	-	-	-	-	321
Northwest	-	184	-	-	-	184	367	-	-	-	-	-	-	367
Subtotal	-	949	498	386	581	1074	3992	184	144	328	242	321	-	5347
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	144	144	-	-	-	144
Subtotal	-	-	-	-	-	-	-	-	144	144	-	-	-	144
WARREN	-	-	-	-	-	-	-	-	-	-	305	-	-	305
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	321	-	574
BUTLER	-	339	-	-	-	339	679	-	249	249	-	-	305	1232
OTHER	144	-	-	-	242	184	570	-	-	-	284	253	207	1820
TOTAL OKI	144	1288	498	386	823	1597	5240	184	537	721	830	895	511	9423

OKI TRANSPORTATION STUDY  
 PEAK PERIOD WORK TRIPS - NON-HOME BASE WORK TRIPS 4:00-6:00 PM - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD  
 MOV DRIVER

STARTED	ENDED														
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL	
	Central	Inner	N. Of Eastern Corridor LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor						Other
HAMILTON															
Central	-	-	151	-	391	-	-	-	542	-	-	-	253	-	795
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North-east	-	-	-	-	86	-	-	-	86	-	-	-	-	-	86
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	151	-	477	-	-	-	628	-	-	-	253	-	881
CLERMONT															
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	456	-	777
OTHER	-	-	-	-	242	-	-	-	242	-	-	-	-	-	1051
TOTAL OKI	-	-	151	-	718	-	-	-	870	-	-	-	253	456	2709



OKI TRANSPORTATION STUDY  
24-HOUR WORK TRIPS - NON-HOME BASE WORK TRIPS - TOTAL PERSONS

STARTED	ENDED														TOTAL					
	HAMILTON										CLERMONT					BUTLER	OTHER	TOTAL		
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER					OTHER	TOTAL
			N. Of LMR	S. Of LMR																
HAMILTON																				
Central	49041	9067	3241	746	9648	2960	4427	79130	1853	746	2599	911	3125	2867	7270	95902				
Inner	6749	30170	3115	1841	12589	6317	4224	65007	1630	302	1932	-	3113	1455	4057	75564				
East Corridor North Of The Little Miami River	2871	4406	9507	1155	5996	391	518	24844	958	144	1102	-	505	1421	1283	29154				
East Corridor South Of The Little Miami River	777	1111	811	4129	1000	172	453	8453	2334	86	2420	-	679	-	184	11736				
Northeast	6417	12771	4743	2525	81699	8604	4494	121253	2083	2811	4894	3455	744	8418	5747	144511				
North Central	2574	3885	207	270	8795	27762	1930	45422	1553	242	1795	511	781	3620	956	53084				
Northwest	4215	7021	1023	86	2994	2604	17890	35834	890	-	890	-	253	1437	1281	39695				
Subtotal	72644	68431	22647	10753	122722	48809	33937	379942	11301	4331	15633	4878	9200	19218	20778	449647				
CLERMONT																				
Eastern Corridor	1520	928	374	2283	4171	502	367	10146	15942	3999	19941	532	-	460	686	31765				
Other	956	-	532	637	642	432	-	3199	2597	5303	7900	-	-	393	1818	13310				
Subtotal	2476	928	907	2920	4813	935	367	13345	18539	9302	27841	532	-	853	2504	45075				
WARREN	-	525	86	-	3885	1381	184	6061	393	249	642	19162	284	3127	4550	33825				
CAMPBELL	2162	1946	486	684	1000	500	305	7082	502	253	756	284	9869	-	5654	23644				
BUTLER	1260	1609	846	-	8381	4366	2062	18525	456	802	1258	2788	305	56628	2727	82229				
OTHER	7537	5078	1030	656	5391	914	2313	22919	1409	1976	3385	3627	5473	4624	86686	126714				
TOTAL OKI	86079	78517	26002	15012	146192	56904	39168	447873	32600	16914	49513	31270	25130	84450	122899	761135				













OKI TRANSPORTATION STUDY  
 24-HOUR WORK TRIPS - NON-HOME BASE WORK TRIPS - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Central			Inner													
HAMILTON																
Central	1704	667	270	-	242	207	914	4003	270	-	270	242	321	-	472	5308
Inner	425	1246	86	-	823	1165	695	4441	-	-	-	-	-	184	930	5554
East Corridor North Of The Little Miami River	270	86	723	144	-	-	-	1223	-	-	144	-	-	-	230	1597
East Corridor South Of The Little Miami River	-	-	-	484	-	-	-	484	172	-	172	-	86	-	-	742
Northeast	546	1076	249	328	7068	858	709	10834	-	249	249	284	-	305	321	11992
North Central	207	505	-	-	616	1230	-	2557	-	-	-	-	207	172	184	3120
Northwest	391	1039	-	-	525	184	2360	4499	-	-	-	-	-	339	-	4838
Subtotal	3543	4620	1328	956	9274	3643	4678	28041	442	393	835	525	614	1000	2137	33151
CLERMONT																
Eastern Corridor	86	-	144	86	144	-	-	460	288	144	432	-	-	-	-	893
Other	-	-	284	-	249	-	-	532	144	976	1121	-	-	-	249	1902
Subtotal	86	-	428	86	393	-	-	993	432	1121	1553	-	-	-	249	2795
WARREN	-	242	-	-	-	207	-	449	-	-	-	1702	-	305	-	2455
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	781	-	507	1288
BUTLER	-	660	-	-	305	86	339	1390	-	249	249	-	-	4101	305	6045
OTHER	616	623	86	-	495	-	367	2188	-	249	249	284	574	511	5882	9688
TOTAL OKI	4245	6145	1841	1042	10467	3936	5384	33060	874	2011	2885	2511	1969	5917	9079	55421

OKI TRANSPORTATION STUDY  
 24-HOUR WORK TRIPS - NON-HOME BASE WORK TRIPS - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD MOV DRIVER

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	1358	588	237	-	644	-	2827	144	-	144	-	-	339	-	335	3645
Inner	335	1074	86	-	242	207	1944	-	-	-	-	-	-	-	207	2151
East Corridor North Of The Little Miami River	86	86	1553	-	151	-	1876	-	-	-	-	-	-	86	-	1962
East Corridor South Of The Little Miami River	-	-	-	172	-	-	172	86	-	86	-	-	-	-	-	258
Northeast	-	242	151	-	6421	293	7391	-	-	-	-	-	249	-	788	8428
North Central	207	339	-	-	293	-	839	305	-	305	-	-	-	-	-	1144
Northwest	-	-	-	-	284	-	835	-	-	-	-	-	-	-	-	835
Subtotal	1985	2330	2027	172	8035	500	15884	535	-	535	-	-	588	86	1330	18423
CLERMONT																
Eastern Corridor	-	-	-	86	697	-	783	1853	-	1853	-	-	-	-	-	2636
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	86	697	-	783	1853	-	1853	-	-	-	-	-	2636
WARREN	-	-	-	-	-	-	-	-	-	-	-	2148	-	-	-	2148
CAMPBELL	321	-	-	-	-	-	321	249	-	249	-	249	-	-	-	818
BUTLER	-	-	86	-	-	-	86	-	-	-	-	-	-	2271	642	2999
OTHER	184	207	-	-	746	-	1137	-	-	-	-	-	-	642	5198	6977
TOTAL OKI	2490	2536	2113	258	9479	500	18211	2636	-	2636	-	2148	837	2999	7170	34002

OKI TRANSPORTATION STUDY  
 24-HOUR WORK TRIPS - NON-HOME BASE WORK TRIPS - DRIVER/PASSENGER - SINGLE/MULTIPLE - DON'T KNOW

STARTED	ENDED												
	HAMILTON						CLERMONT		WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North-Central	North-west	Total					
HAMILTON													
Central	-	-	-	-	249	-	-	-	-	-	-	-	249
Inner	184	339	-	-	-	-	-	-	-	-	-	-	523
East Corridor North Of The Little Miami River	-	-	86	-	-	-	-	-	-	-	-	-	86
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	-	-	-	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	207	-	-	-	-	-	-	-	207
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	184	339	86	-	249	207	-	-	-	-	-	-	1065
CLERMONT													
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	184	339	86	-	249	207	-	-	-	-	-	-	1065



**OKI TRANSPORTATION STUDY  
PEAK PERIOD NON-WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE OR MOPED**

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
Central			Inner													
HAMILTON																
Central	551	-	-	-	1953	735	3239	-	-	-	-	-	-	-	-	3239
Inner	184	22584	1358	-	886	3534	31072	-	-	-	-	-	-	679	425	32177
East Corridor North Of The Little Miami River	302	2360	10192	604	1779	1004	16544	439	-	439	-	-	-	151	335	17469
East Corridor South Of The Little Miami River	86	516	753	12706	516	488	15065	2704	-	2704	-	-	-	172	270	18211
Northeast	393	3869	6196	484	45954	1174	58736	386	635	1021	1818	253	484	1458	1458	63770
North Central	1302	3518	207	-	3443	21761	34155	144	207	351	-	414	828	1483	1483	37231
Northwest	2020	6896	1286	184	1711	5603	58348	184	-	184	-	-	184	367	367	59083
Subtotal	4838	39742	19992	13977	55930	32167	217160	3857	842	4699	1818	667	2497	4338	4338	231179
CLERMONT																
Eastern Corridor	230	374	518	2650	1009	-	4782	10281	2267	12547	-	144	144	-	-	17618
Other	-	249	249	-	3731	-	4229	3915	10448	14363	498	-	-	-	746	19836
Subtotal	230	623	767	2650	4740	-	9011	14196	12715	26911	498	144	144	746	746	37454
WARREN	-	284	284	-	1944	851	3362	-	532	532	27513	284	1418	3446	3446	36554
CAMPBELL	507	1014	172	-	760	507	2960	-	-	-	-	32437	-	-	2416	37812
BUTLER	305	914	-	-	2741	2069	6638	-	-	-	1197	-	66274	914	914	75022
OTHER	1951	6756	2506	2295	11743	8051	38721	2411	1579	3990	2227	7030	11476	85933	85933	149377
TOTAL OKI	7830	49332	23721	18922	77859	43139	277851	20464	15668	36131	33253	40563	81809	97792	97792	567399



OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 6:30-8:30 AM - TRANSIT MODE: OTHER

STARTED	ENDED														
	HAMILTON							CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other					
			N. Of LMR	S. Of LMR											
HAMILTON															
Central	1076	-	-	-	-	-	1076	-	-	-	-	-	-	-	1076
Inner	-	6789	-	-	-	-	7128	-	-	-	-	-	-	-	7128
East Corridor North Of The Little Miami River	-	679	-	-	-	-	2529	-	-	-	-	-	-	-	2529
East Corridor South Of The Little Miami River	-	-	-	-	-	-	688	86	-	-	-	-	-	-	774
Northeast	-	-	-	-	-	5078	5164	-	-	-	-	-	-	-	5164
North Central	-	621	-	-	5587	-	6207	-	-	-	-	-	-	-	6207
Northwest	184	184	-	-	184	7898	8449	-	-	-	-	-	-	-	8449
Subtotal	1260	8272	2190	774	5078	5770	7898	86	-	86	-	-	-	-	31328
CLERMONT															
Eastern Corridor	144	-	-	-	-	-	144	1153	-	1153	-	-	-	-	1297
Other	-	-	-	-	-	-	-	-	1493	1493	-	-	-	-	1493
Subtotal	144	-	-	-	-	-	144	1153	1493	2646	-	-	-	-	2790
WARREN	-	-	-	525	-	-	525	-	-	-	1985	-	-	-	2511
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	4055	-	253	4308
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	5482	-	5482
OTHER	1302	-	604	258	897	621	735	288	249	537	284	507	1827	1604	9176
TOTAL OKI	2706	8272	2795	1032	6500	6391	8632	1527	1741	3269	2269	4561	7309	1858	55595







OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 6:30-8:30 AM - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS

STARTED	ENDED															
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
HAMILTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	-	2002	-	-	339	-	339	2681	-	-	-	-	-	-	242	2922
East Corridor North Of The Little Miami River	-	302	-	-	-	-	604	-	-	-	-	-	-	-	-	604
East Corridor South Of The Little Miami River	-	86	-	144	-	-	402	172	-	-	-	-	-	-	-	574
North-east	-	-	-	1493	-	242	1734	-	-	-	-	-	-	-	242	1976
North Central	-	-	-	828	-	-	828	144	-	144	-	-	-	207	-	1179
Northwest	-	367	-	367	1102	-	1837	-	-	-	-	-	-	-	-	1837
Subtotal	-	2757	302	172	1832	1339	1683	8086	316	-	316	-	-	207	484	9093
CLERMONT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Corridor	-	-	-	316	-	-	316	144	144	288	-	-	-	-	-	604
Other	-	-	-	-	249	-	249	249	-	746	746	-	-	-	-	995
Subtotal	-	-	-	316	249	-	565	144	144	1035	-	-	-	-	-	1600
WARREN	-	-	-	-	-	-	-	-	-	249	1135	-	-	-	284	1667
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	760	-	-	574	1334
BUTLER	-	-	-	-	207	-	207	207	-	-	-	-	2741	-	-	2948
OTHER	-	-	-	-	207	321	528	144	144	393	-	253	914	3850	-	5938
TOTAL OKI	-	2757	302	488	2081	1753	2004	9386	604	1388	1992	1135	1014	3862	5192	22579



OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - TOTAL PERSONS

STARTED	ENDED														
	HAMILTON							CLERMONT							
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
HAMILTON															
Central	4926	2699	486	258	1634	2367	1469	13840	439	144	584	1218	1604	18260	
Inner	3206	38705	2416	953	8281	5243	7965	66769	872	995	1867	2090	660	73195	
East Corridor North Of The Little Miami River	453	4338	13726	1204	4729	565	486	25502	688	702	1390	305	949	28678	
East Corridor South Of The Little Miami River	-	323	1049	12757	1569	602	86	16386	6563	249	6812	172	321	24121	
Northeast	1732	6912	5426	1172	87233	7216	2725	112416	990	5210	6201	5787	242	132835	
North Central	3225	5745	425	516	5619	34653	4778	54961	230	-	230	4550	1576	61884	
Northwest	1613	4475	367	-	1469	2481	71033	81439	-	184	184	1890	2660	86679	
Subtotal	15156	63198	23895	16860	110535	53126	88541	371312	9783	7484	17267	16012	8012	425652	
CLERMONT															
Eastern Corridor	288	339	-	4780	2223	932	437	9000	21322	6103	27425	-	288	37001	
Other	-	-	742	393	1969	-	-	3104	8958	10423	19380	-	818	23551	
Subtotal	288	339	742	5173	4192	932	437	12103	30279	16525	46805	-	1107	60552	
WARREN	284	567	249	-	6752	-	367	8219	386	1065	1451	5661	2023	49855	
CAMPBELL	253	-	760	172	484	-	621	2290	-	-	-	-	5168	36120	
BUTLER	-	914	302	86	6233	3559	1344	12438	-	249	249	110340	1806	133184	
OTHER	574	3376	777	1251	788	1218	3127	11111	623	1035	1658	2597	112507	135904	
TOTAL OKI	16556	68394	26725	23542	128983	58836	94437	417473	41072	26357	67429	134609	130622	841267	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: CAR, VAN, TRUCK, MOTORCYCLE OR MOPED

STARTED	ENDED														TOTAL			
	HAMILTON								CLERMONT				WARREN	CAMPBELL		BUTLER	OTHER	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total							
				N. Of LMR	S. Of LMR													
HAMILTON																		
Central	144	2020	335	258	1209	1953	1102	7021	288	144	432	760	1218				11036	
Inner	1537	25806	2416	953	8281	4903	7047	50943	872	995	1867	1525	2090				57369	
East Corridor North Of The Little Miami River	453	3999	13273	1204	4578	565	486	24558	688	702	1390	-	305				27734	
East Corridor South Of The Little Miami River	-	323	1049	11315	1569	602	86	14944	6419	249	6668	86	172				22535	
Northeast	1732	5866	5426	1172	80846	7216	2541	104800	749	4961	5710	1509	5787				124729	
North Central	3225	5745	425	430	5619	31756	4778	51978	230	-	230	-	4550				58901	
Northwest	1613	4475	367	-	1469	2481	64788	75194	-	184	184	507	1890				80435	
Subtotal	8704	48235	23291	15333	103572	49476	80827	329438	9246	7235	16481	4645	16012				382739	
CLERMONT																		
Eastern Corridor	288	339	-	4694	1739	932	437	8430	19927	6103	26030	288	-				35036	
Other	-	-	742	393	1969	-	-	3104	8958	8184	17141	249	-				21312	
Subtotal	288	339	742	5087	3708	932	437	11534	28885	14287	43171	537	-				56349	
WARREN	284	567	249	-	6752	-	367	8219	144	1065	1209	29098	5661				46210	
CAMPBELL	253	-	760	172	484	-	621	2290	-	-	-	284	-				34092	
BUTLER	-	914	302	86	5928	3559	1344	12134	-	249	249	8098	96025				118565	
OTHER	574	1697	625	907	788	1218	2760	8570	623	1035	1658	1723	1988				127832	
TOTAL OKI	10104	51752	25969	21584	121232	55186	86356	372184	38898	23870	62768	47891	119686				765787	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED														TOTAL		
	HAMILTON							CLERMONT				WARREN	CAMPBELL	BUTLER		OTHER	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Eastern Corridor	Other	Total							
			N. Of LMR	S. Of LMR							Other						Total
HAMILTON																	
Central	-	339	-	-	414	367	1514	151	-	151	-	253	-	-	-	-	1918
Inner	990	4073	-	-	339	551	5954	-	-	-	-	-	-	-	-	-	5954
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	523	-	-	-	184	1583	-	-	-	-	-	-	-	-	-	1583
North Central	-	-	-	207	-	-	293	-	-	-	-	-	-	-	-	-	293
Northwest	-	-	-	-	-	367	367	-	-	-	-	-	-	-	-	-	367
Subtotal	990	4936	151	344	1118	1469	9969	151	-	151	-	253	-	-	-	-	10374
CLERMONT																	
Eastern Corridor	-	-	-	-	-	-	-	144	-	144	-	-	-	-	-	-	144
Other	-	-	-	-	-	-	-	-	1493	1493	-	-	-	-	-	-	1493
Subtotal	-	-	-	-	-	-	-	144	1493	1637	-	-	-	-	-	-	1637
WARREN	-	-	-	-	-	-	-	242	-	242	567	-	-	-	-	-	809
CAMPBELL	-	-	-	-	-	-	-	-	-	-	760	-	-	-	-	-	760
BUTLER	-	-	-	305	-	184	305	-	-	-	-	3046	-	-	-	-	3350
OTHER	-	660	-	-	-	-	844	-	-	-	-	-	305	-	-	-	1149
TOTAL OKI	990	5596	151	344	1423	1653	11118	537	1493	2030	567	1014	3350	-	-	-	18078

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - TRANSIT MODE: OTHER

STARTED	ENDED															
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor N. Of LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
HAMILTON																
Central	4782	339	-	-	184	-	-	5305	-	-	-	-	-	-	-	5305
Inner	679	8825	-	-	-	-	367	9872	-	-	-	-	-	-	-	9872
East Corridor North Of The Little Miami River	-	339	453	-	151	-	-	944	-	-	-	-	-	-	-	944
East Corridor South Of The Little Miami River	-	-	-	1183	-	-	-	1183	144	-	144	-	-	-	-	1328
Northeast	-	523	-	-	5510	-	-	6033	242	249	491	-	-	-	-	6524
North Central	-	-	-	-	-	2690	-	2690	-	-	-	-	-	-	-	2690
Northwest	-	-	-	-	-	-	5877	5877	-	-	-	-	-	-	-	5877
Subtotal	5461	10027	453	1183	5845	2690	6245	31905	386	249	635	-	-	-	-	32539
CLERMONT																
Eastern Corridor	-	-	-	86	484	-	-	570	1251	-	1251	-	-	-	-	1820
Other	-	-	-	-	-	-	-	-	-	746	746	-	-	-	-	746
Subtotal	-	-	-	86	484	-	-	570	1251	746	1997	-	-	-	-	2567
WARREN	-	-	-	-	-	-	-	-	-	-	-	2836	-	-	-	2836
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	1267	-	-	-	1267
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	11269	-	-	11269
OTHER	-	1018	151	344	-	-	184	1697	-	-	-	567	-	305	4355	6924
TOTAL OKI	5461	11046	604	1613	6328	2690	6428	34171	1637	995	2632	3404	1267	11573	4355	57402

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - SINGLE-OCCUPANT VEHICLE DRIVER

STARTED	ENDED															
	HAMILTON							CLERMONT				WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total					
HAMILTON																
Central	144	339	335	172	484	-	551	2025	144	288	-	760	305	-	3378	
Inner	679	10881	944	184	4308	1558	3457	22010	288	288	-	593	609	321	23821	
East Corridor North Of The Little Miami River	-	1321	5629	344	1269	-	-	8563	-	249	249	-	305	465	9581	
East Corridor South Of The Little Miami River	-	-	409	4015	1225	86	-	5736	2797	249	249	344	-	321	9446	
Northeast	765	2913	1911	430	34109	4071	1323	45522	374	1237	1611	253	2132	242	52554	
North Central	207	1611	242	-	3169	10911	2067	18206	144	-	144	-	1709	1490	21549	
Northwest	367	1102	-	-	551	1355	21305	24681	-	-	-	-	305	1330	26316	
Subtotal	2162	18167	9469	5145	45115	17981	28703	126742	3748	1879	5626	1951	5364	4169	146645	
CLERMONT																
Eastern Corridor	144	339	-	1737	242	351	-	2813	7916	1925	9841	-	-	-	12799	
Other	-	-	-	393	484	-	-	876	3039	2488	5526	-	-	570	7221	
Subtotal	144	339	-	2130	725	351	-	3690	10955	4413	15368	-	-	570	20020	
WARREN	284	-	-	-	1660	-	367	2311	144	781	925	-	1176	888	15795	
CAMPBELL	253	-	-	86	242	-	621	1202	-	-	-	8244	-	1283	10729	
BUTLER	-	-	302	-	1665	1839	856	4661	-	-	-	253	27866	-	33916	
OTHER	253	339	-	328	242	414	809	2385	249	249	498	2550	1074	40460	47535	
TOTAL OKI	3097	18846	9772	7688	49648	20585	31356	140991	15096	7321	22417	12999	35480	47370	274640	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - SINGLE-OCCUPANT VEHICLE DRIVER

STARTED	ENDED														TOTAL		
	HAMILTON							CLERMONT				WARREN	CAMPBELL	BUTLER		OTHER	
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total						
HAMILTON																	
Central	144	339	335	172	484	-	551	2025	144	288	-	760	305	-	3378		
Inner	679	10881	944	184	4308	1558	3457	22010	288	288	-	593	609	321	23821		
East Corridor North Of The Little Miami River	-	1321	5629	344	1269	-	-	8563	-	249	249	-	305	465	9581		
East Corridor South Of The Little Miami River	-	-	409	4015	1225	86	-	5736	2797	249	249	344	-	321	9446		
Northeast	765	2913	1911	430	34109	4071	1323	45522	374	1237	1237	253	2132	242	52554		
North Central	207	1611	242	-	3169	10911	2067	18206	144	-	144	-	1709	1490	21549		
Northwest	367	1102	-	-	551	1355	21305	24681	-	-	-	-	305	1330	26316		
Subtotal	2162	18167	9469	5145	45115	17981	28703	126742	3748	1879	1879	1951	5364	4169	146645		
CLERMONT																	
Eastern Corridor	144	339	-	1737	242	351	-	2813	7916	1925	9841	-	-	-	12799		
Other	-	-	-	393	484	-	-	876	3039	2488	5526	-	-	570	7221		
Subtotal	144	339	-	2130	725	351	-	3690	10955	4413	15368	-	-	570	20020		
WARREN	284	-	-	-	1660	-	367	2311	144	781	925	-	1176	888	15795		
CAMPBELL	253	-	-	86	242	-	621	1202	-	-	-	8244	-	1283	10729		
BUTLER	-	-	302	-	1665	1839	856	4661	-	-	-	253	27866	-	33916		
OTHER	253	339	-	328	242	414	809	2385	249	249	498	2550	1074	40460	47535		
TOTAL OKI	3097	18846	9772	7688	49648	20585	31356	140991	15096	7321	22417	12999	35480	47370	274640		

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - HOUSEHOLD MOV DRIVER WITH AT LEAST ONE HOUSEHOLD PASSENGER

STARTED	ENDED											TOTAL					
	HAMILTON						CLERMONT			WARREN	CAMPBELL		BUTLER	OTHER			
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor						Other	Total	
		N. Of LMR	S. Of LMR														
HAMILTON																	
Central	-	-	-	-	242	651	367	1260	-	-	-	-	-	-	305	642	2206
Inner	-	6589	981	425	1841	1374	1074	12285	335	249	584	284	593	588	339	14672	
East Corridor North Of	-	1358	2746	430	1458	358	184	6533	144	151	295	-	-	-	-	-	6828
The Little Miami River	-	237	237	2913	86	258	-	3731	1609	-	1609	86	-	-	-	-	5426
Northeast	484	1744	1362	328	18381	863	425	23586	230	1741	1972	1093	253	914	-	27817	
North Central	858	632	-	172	897	9181	1172	12912	-	-	-	284	-	1023	86	14305	
Northwest	184	1074	184	-	367	758	15612	18178	-	-	-	-	253	793	321	19545	
Subtotal	1525	11634	5510	4269	23272	13443	18834	78486	2318	2141	4459	1746	1100	3622	1388	90801	
CLERMONT																	
Eastern Corridor	144	-	-	1149	628	207	253	2381	4157	1676	5833	-	-	-	144	8358	
Other	-	-	295	-	746	-	-	1042	2567	3273	5840	-	-	-	249	7130	
Subtotal	144	-	295	1149	1374	207	253	3422	6724	4950	11673	-	-	-	393	15488	
WARREN	-	284	-	-	1985	-	-	2269	-	-	-	5694	-	893	567	9423	
CAMPBELL	-	-	253	-	-	-	-	253	-	-	-	-	7349	-	1334	8937	
BUTLER	-	-	-	-	1523	1002	184	2709	-	249	249	2741	-	26476	609	32783	
OTHER	-	679	86	407	242	207	321	1941	230	144	374	588	1149	305	26339	30696	
TOTAL OKI	1669	12596	6145	5824	28396	14858	19592	89081	9272	7484	16756	10769	9597	31295	30631	188129	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV DRIVER

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
HAMILTON														
Central	-	339	-	86	484	1302	184	2395	144	-	305	-	3485	
Inner	-	6593	491	344	1744	960	1965	12096	249	-	284	-	13715	
East Corridor North Of The Little Miami River	151	830	3566	344	1851	207	302	7251	295	-	-	-	8616	
East Corridor South Of The Little Miami River	-	86	316	3441	172	258	86	4359	2013	-	172	-	6545	
North-east	484	967	1851	414	21554	1593	793	27655	-	1983	2436	-	35050	
North Central	2160	2904	184	258	690	9595	1355	17146	86	-	1611	-	18843	
North-west	328	1625	-	-	551	367	24611	27483	-	184	793	1009	29722	
Subtotal	3122	13345	6407	4887	27046	14282	29296	98385	2788	3215	5601	2134	115975	
CLERMONT														
Eastern Corridor	-	-	-	1379	870	230	-	2478	7105	2357	-	-	12085	
Other	-	-	446	-	739	-	-	1186	2960	1781	-	144	5926	
Subtotal	-	-	446	1379	1609	230	-	3664	10064	4138	-	144	18011	
WARREN	-	-	-	-	2857	-	-	2857	-	-	2395	567	16702	
CAMPBELL	-	-	507	-	242	-	-	749	-	-	-	1588	9686	
BUTLER	-	-	-	86	2741	-	305	3132	-	-	33460	914	41727	
OTHER	-	679	151	86	305	597	1630	3448	144	393	305	34634	40960	
TOTAL OKI	3122	14024	7512	6438	34799	15110	31230	112235	12996	7747	41760	39981	243061	

OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS

STARTED	ENDED															
	HAMILTON							CLERMONT								
	Central	Inner	N. Of Eastern Corridor LMR	S. Of LMR	North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
HAMILTON																
Central	-	484	-	-	-	-	484	-	-	-	-	-	-	-	321	804
Inner	-	823	-	-	237	391	367	1818	-	-	-	-	-	-	-	1818
East Corridor North Of The Little Miami River	302	-	539	-	-	-	842	-	249	-	249	-	-	-	-	1339
East Corridor South Of The Little Miami River	-	-	86	344	-	-	430	-	-	-	-	-	-	-	-	430
Northeast	-	-	151	-	2818	242	3211	-	144	-	144	567	253	305	-	4480
North Central	-	391	-	-	656	621	1667	-	-	-	-	284	-	207	-	2158
Northwest	367	339	-	-	-	-	2497	-	-	-	-	-	-	-	-	2497
Subtotal	670	2037	777	344	3711	1253	10948	393	393	-	393	1100	253	511	321	13526
CLERMONT																
Eastern Corridor	-	-	-	172	-	-	356	-	172	-	172	144	-	-	-	672
Other	-	-	-	-	-	-	-	-	144	498	642	-	-	-	-	642
Subtotal	-	-	-	172	-	-	356	-	316	498	814	144	-	-	-	1314
WARREN	-	-	249	-	-	-	498	-	-	284	284	588	-	609	-	1978
CAMPBELL	-	-	-	86	-	-	86	-	-	-	-	-	1381	-	642	2109
BUTLER	-	-	-	-	-	207	207	-	-	-	-	-	-	2741	284	3232
OTHER	-	-	302	86	-	-	388	-	-	-	-	-	321	-	4152	4861
TOTAL OKI	670	2037	1328	688	3959	1460	12482	709	781	1490	1832	1955	3862	5398	27020	



OKI TRANSPORTATION STUDY  
 PEAK PERIOD NON-WORK TRIPS 4:00-6:00 PM - DRIVER/PASSENGER - SINGLE/MULTIPLE - DON'T KNOW

STARTED	ENDED													
	HAMILTON						CLERMONT			WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor					
		N. Of LMR	S. Of LMR											
HAMILTON														
Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor South Of The Little Miami River	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast	-	242	-	-	-	-	-	-	-	-	-	-	-	242
North Central	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	242	-	-	-	-	-	-	-	-	-	-	-	242
CLERMONT														
Eastern Corridor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER	-	-	-	-	-	-	-	-	-	609	-	-	-	609
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	-	242	-	-	-	-	-	-	-	-	-	609	-	851

OKI TRANSPORTATION STUDY  
24-HOUR NON-WORK TRIPS - TOTAL PERSONS

STARTED	HAMILTON											CLERMONT			TOTAL						
	Central		Inner		N. Of S. Of LMR		North-east		North-west		Total		Eastern Corridor	Other		Total	WARREN	CAMPBELL	BUTLER	OTHER	
HAMILTON																					
Central	31268	17090	4794	2402	7600	9832	9388	82374					1476	677	2153	567	2822	2436	8105	98457	
Inner	15463	175742	21987	3492	46263	28675	37610	329231					1967	2957	4924	2269	3120	6477	5819	351841	
East Corridor North Of The Little Miami River	2357	21547	85319	5517	25395	5808	4548	150491					4020	2339	6359	1818	1186	846	4180	164880	
East Corridor South Of The Little Miami River	1741	2646	6273	87702	7914	2676	981	109933					25939	832	26771	628	516	1453	849	140150	
Northeast	8695	41116	27029	6875	476458	37294	14238	611704					9888	15465	25353	32328	4582	29022	9486	712475	
North Central	9472	27511	5324	2274	35132	237172	31058	347942					2976	870	3845	2343	1402	19906	6675	382114	
Northwest	9276	35750	4543	797	11715	29115	388844	480041					367	918	1286	184	2557	7684	12352	504103	
Subtotal	78272	321401	155268	109059	610477	350572	486667	2111716					46633	24058	70691	40137	16186	67824	47465	2354019	
CLERMONT																					
Eastern Corridor	951	3025	2527	26064	7991	2927	949	44433					130004	43680	173684	1000	432	737	2360	222646	
Other	498	1244	2876	1139	16270	600	1360	23986					44252	65630	109882	2876	249	305	4373	141670	
Subtotal	1448	4269	5403	27204	24260	3527	2309	68419					174256	109310	283566	3876	681	1042	6733	364316	
WARREN	1135	2485	2302	488	31305	1409	367	39491					1351	3401	4752	207486	1418	26541	9460	289148	
CAMPBELL	2181	3218	1186	516	4020	1081	2167	14368					374	249	623	1702	188861	642	25276	231472	
BUTLER	2620	4794	911	1004	30410	20978	6131	66848					1186	553	1739	28285	253	603265	7642	708032	
OTHER	14077	22684	10434	7884	34571	21536	29061	140247					8625	10718	19343	15054	30470	37157	649203	891474	
TOTAL OKI	99734	358851	175504	146155	735043	399102	526701	2441089					232425	148289	380714	296539	237870	736470	745779	4838461	



OKI TRANSPORTATION STUDY  
24-HOUR NON-WORK TRIPS - TRANSIT MODE: REGULAR BUS/SCHOOL BUS

STARTED	ENDED														TOTAL	
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor		North-east	North-Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	802	5687	453	-	425	1065	918	9351	151	-	151	-	253	305	651	10711
Inner	5687	23137	5696	86	3631	2732	3801	44771	288	-	288	-	-	-	-	45059
East Corridor North Of	151	4187	2897	258	1572	-	-	9065	144	-	144	-	-	-	-	9209
The Little Miami River	339	86	258	8086	967	293	-	10030	777	249	1025	-	-	-	-	11055
Northeast	242	2992	1572	1053	25648	1725	367	33599	288	1741	2030	-	-	1827	-	38749
North Central	1509	1920	-	586	1483	16811	3527	25837	-	-	-	-	-	-	284	26327
Northwest	1102	4141	-	-	184	1953	24060	31440	-	-	-	-	-	-	367	31807
Subtotal	9832	42150	10876	10069	33911	24579	32674	164091	1648	1990	3638	-	253	2132	1302	172917
CLERMONT																
Eastern Corridor	-	288	144	863	288	-	-	1583	12069	7437	19506	-	-	-	-	21089
Other	-	-	-	249	2239	-	-	2488	6442	10881	17323	532	-	-	249	20592
Subtotal	-	288	144	1111	2527	-	-	4071	18511	18318	36829	532	-	-	249	41681
WARREN	-	-	-	-	1334	-	-	1334	242	532	774	29782	-	914	567	33372
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	9123	-	642	9765
BUTLER	609	-	-	-	2436	-	-	3046	-	-	-	914	-	68612	-	72572
OTHER	900	1999	774	516	484	1241	890	6805	721	498	1218	567	642	1827	33537	44596
TOTAL OKI	11341	44438	11794	11697	40693	25820	33565	179347	21122	21338	42460	33295	10018	73485	36296	374902







OKI TRANSPORTATION STUDY  
 24-HOUR NON-WORK TRIPS - HOUSEHOLD PASSENGER WITH HOUSEHOLD MOV DRIVER

STARTED	ENDED															
	HAMILTON							CLERMONT								
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	3690	1790	453	516	1209	4940	1402	14001	288	-	288	-	321	305	1925	16839
Inner	1767	26757	3748	672	8800	6940	7593	56277	249	1230	1479	851	339	1302	523	60771
East Corridor North Of The Little Miami River	302	3264	18069	1600	7340	2292	1404	34271	1169	1297	2467	567	593	-	1274	39172
East Corridor South Of The Little Miami River	430	414	1851	23170	1774	809	539	28987	6579	-	6579	172	-	688	86	36513
Northeast	1774	9788	7835	1618	116410	7033	4117	148575	2153	3213	5366	10327	1497	6942	1367	174075
North Central	4733	5847	2237	551	7716	58690	8223	87997	788	456	1244	284	207	5289	1056	96076
Northwest	995	7921	853	270	3538	9072	117858	140508	367	551	918	-	842	2441	4450	149159
Subtotal	13691	55781	35046	28396	146787	89776	141138	510615	11594	6747	18341	12201	3799	16967	10681	572604
CLERMONT																
Eastern Corridor	144	484	525	6872	1590	995	184	10795	36306	12022	48328	-	-	-	609	59731
Other	-	746	1441	-	3462	456	551	6656	13501	14507	28008	249	-	-	746	35659
Subtotal	144	1230	1967	6872	5052	1451	735	17451	49806	26529	76336	249	-	-	1355	95391
WARREN	284	491	1051	172	10148	284	-	12429	-	249	249	51464	284	9011	2290	75727
CAMPBELL	-	846	679	86	1002	207	437	3257	-	-	-	284	56542	321	5794	66197
BUTLER	305	679	-	688	8181	4115	1953	15921	144	-	144	10776	-	143907	1844	172591
OTHER	2030	2244	1548	1290	8000	5954	10881	31946	1181	1388	2569	2511	6473	5787	180468	229754
TOTAL OKI	16453	61270	40291	37505	179171	101786	155143	591620	62726	34913	97639	77484	67097	175993	202431	212263

OKI TRANSPORTATION STUDY  
 24-HOUR NON-WORK TRIPS - HOUSEHOLD MOV DRIVER WITH ONLY NON-HOUSEHOLD PASSENGERS

STARTED	ENDED															
	HAMILTON										CLERMONT			TOTAL		
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL		BUTLER	OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	242	570	1107	435	725	-	367	3446	86	-	86	-	407	-	1283	5222
Inner	86	5873	339	-	1688	1218	2276	11480	86	-	86	-	-	-	242	11808
East Corridor North Of The Little Miami River	453	981	2504	86	1565	651	367	6607	479	-	479	532	-	-	302	7921
East Corridor South Of The Little Miami River	370	86	323	1892	328	437	86	3522	688	-	688	-	-	-	-	4210
Northeast	635	956	716	328	18420	2560	242	23856	351	995	1346	1100	253	1162	484	28201
North Central	-	1218	-	293	2002	7128	1069	11711	144	-	144	491	528	718	-	13591
Northwest	735	2120	609	-	184	735	7140	11522	-	-	-	-	-	305	505	12331
Subtotal	2520	11804	5598	3034	24911	12729	11548	72144	1834	995	2829	2123	1188	2185	2815	83285
CLERMONT																
Eastern Corridor	-	86	86	976	-	207	184	1539	2997	786	3783	428	-	-	-	5749
Other	249	-	249	-	1493	-	-	1990	716	2239	2955	284	-	-	249	5477
Subtotal	249	86	335	976	1493	207	184	3529	3713	3025	6738	711	-	-	249	11227
WARREN	-	-	532	-	1667	-	-	2199	-	532	532	6849	-	-	872	11671
CAMPBELL	407	339	-	86	-	207	-	1039	-	-	-	-	7733	-	1858	10629
BUTLER	305	-	-	-	609	925	305	2144	144	-	144	609	-	15781	588	19266
OTHER	867	339	604	86	484	528	1009	3917	144	746	890	588	1402	1362	22377	30538
TOTAL OKI	4348	12568	7070	4182	29164	14596	13045	84973	5835	5298	11134	10881	10323	20547	28759	166616

OKI TRANSPORTATION STUDY  
 24-HOUR NON-WORK TRIPS - HOUSEHOLD PASSENGER WITH NON-HOUSEHOLD MOV DRIVER

STARTED	ENDED															
	HAMILTON										CLERMONT				TOTAL	
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other	Total	WARREN	CAMPBELL	BUTLER		OTHER
			N. Of LMR	S. Of LMR												
HAMILTON																
Central	609	2683	-	86	-	-	551	3929	-	-	-	-	-	609	184	4722
Inner	1848	6098	1132	172	1118	1241	2595	14205	-	-	-	284	-	914	660	16063
East Corridor North Of The Little Miami River																
East Corridor South Of The Little Miami River	151	1132	5670	172	876	453	184	8639	-	-	-	-	-	-	456	9095
Northeast	86	258	-	4141	172	207	-	4864	1176	249	1425	-	-	-	-	6289
North Central	-	1530	786	172	14173	2174	551	19385	-	249	249	242	242	1362	811	22291
Northwest	-	1897	151	293	1518	8425	1723	14008	144	207	351	-	-	1058	772	16188
Subtotal	918	2511	367	-	574	2288	14633	21291	-	-	-	-	-	305	335	21931
Subtotal	3613	16109	8107	5036	18432	14789	20236	86321	1321	704	2025	525	242	4248	3218	96579
CLERMONT																
Eastern Corridor	-	-	-	918	144	230	-	1293	3285	1035	4320	-	-	-	144	5756
Other	-	-	242	249	498	-	-	988	1388	1035	2423	-	-	-	249	3659
Subtotal	-	-	242	1167	642	230	-	2281	4673	2069	6742	-	-	-	393	9416
WARREN	-	284	-	-	525	284	-	1093	-	-	-	6412	567	1806	284	10162
CAMPBELL	253	-	-	-	-	-	-	253	-	-	-	567	6366	-	1588	8774
BUTLER	305	914	305	-	1300	1265	305	4392	-	-	-	1197	-	28164	914	34667
OTHER	321	1725	1030	344	2232	144	207	6003	144	746	890	851	2602	1909	20501	32756
TOTAL OKI	4492	19032	9683	6547	23130	16711	20747	100343	6138	3520	9658	9553	9776	36127	26897	192353

OKI TRANSPORTATION STUDY  
 24-HOUR NON-WORK TRIPS - DRIVER/PASSENGER - SINGLE/MULTIPLE - DON'T KNOW

STARTED	ENDED																
	HAMILTON							CLERMONT									
	Central	Inner	Eastern Corridor		North-east	North Central	North-west	Total	Eastern Corridor	Other		Total	WARREN	CAMPBELL	BUTLER	OTHER	TOTAL
			N. Of LMR	S. Of LMR						Other	Other						
HAMILTON																	
Central	-	-	-	-	-	184	184	-	-	-	-	-	-	-	-	-	184
Inner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Corridor North Of The Little Miami River	-	-	151	-	-	-	151	-	-	-	-	-	-	-	-	-	151
East Corridor South Of The Little Miami River	-	-	-	-	-	-	86	-	-	-	-	-	-	-	-	-	86
North-east	-	242	-	-	-	-	242	-	-	-	-	-	-	-	-	-	242
North Central	-	207	-	414	-	-	621	-	-	-	-	-	-	-	-	-	621
North-west	-	-	-	-	184	-	184	-	-	-	-	-	-	-	-	-	184
Subtotal	-	449	151	414	367	-	1467	-	-	-	-	-	-	-	-	-	1467
CLERMONT																	
Eastern Corridor	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	-	144
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	144	-	-	-	-	-	-	-	-	144
WARREN	-	-	-	-	-	-	-	-	-	-	-	567	-	-	-	-	567
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	253	-	-	-	253
BUTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	1218	-	-	1218
OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OKI	-	449	151	414	367	-	1467	144	-	-	-	567	253	1218	-	-	3650