

Kansas City PM Characterization Study

Final Report

Appendix LL

NuStats Demographics Data Dictionary

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Sponsors:

National Renewable Energy Laboratory, U.S. Department of Energy
Federal Highway Administration, U.S. Department of Transportation
STAPPA-ALAPCO Emission Inventory Improvement Program
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Agency

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Household File

SAMPN Household sample number

AREA Area type

- 1 Urban
- 2 Suburban
- 3 Remainder of Area

PHONE Household phone number

HHADDR HH Location Number (unique number for address in LOCATION file)

HCNTY Household County

HHSIZ Household size

HHWRK Employed HH Members age 16+

HHSTU Number of HH Students

HHVEH Household vehicles

UBLSM Bikes used last summer

Value Label

- 1 YES
- 2 NO
- 9 DK/RF

BPLSM1 Purpose of bike usage last summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

BPLSM2 Purpose of bike usage last summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

BPLSM3 Purpose of bike usage last summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

O_BPLSM If other, specify

UBTSM Plan to use Bikes this summer

Value Label

- 1 YES
- 2 NO
- 9 DK/RF

BPTSM1 Planned Purpose(s) for bike usage this summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

BPTSM2 Planned Purpose(s) for bike usage this summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

BPTSM3 Planned Purpose(s) for bike usage this summer

- 1 WORK
- 2 SCHOOL
- 7 SOME OTHER ACTIVITY
- 9 DK/RF

O_BPTSM If other, specify

RESTY Residence type

Value Label

- 1 One-family house detached from any other house
- 2 One-family house attached to one or more houses (DUPLEX, ROW
- 3 Mobile home
- 4 Building with 2 or more apartments (CONDO, APARTMENT, etc.)
- 7 Or something else? SPECIFY
- 9 RF

O_RESTY Residence type, other

HTYPE Household type

Value Label

- 1 House
- 2 Apt
- 3 Mobile Home
- 4 Other

OWN Home ownership

Value Label

- 1 Owned by you or someone in this household
- 2 Rented for cash rent or
- 3 Occupied without payment of cash rent,
- 7 Or something else?, SPECIFY
- 9 RF

O_OWN Home ownership, other

LIVED Lived in residence

Value Label

- 1 Less than 1 year
- 2 1-2 years
- 3 3-5 years
- 4 6-10 years
- 5 More than 10 years
- 9 RF

INCOM Income

Value Label

- 1 \$0 - \$14,999
- 2 \$15,000 - \$24,999
- 3 \$25,000 - \$34,999
- 4 \$35,000 - \$49,999
- 5 \$50,000 - \$74,999
- 6 \$75,000 or more
- 9 DK/RF

ASSN Travel assignment number

- 533 Monday, February 2
- 534 Tuesday, February 3
- 535 Wednesday, February 4
- 536 Thursday, February 5
- 537 Friday, February 6
- 540 Monday, February 9
- 541 Tuesday, February 10
- 542 Wednesday, February 11
- 543 Thursday, February 12
- 544 Friday, February 13
- 548 Tuesday, February 17
- 549 Wednesday, February 18
- 550 Thursday, February 19
- 551 Friday, February 20
- 554 Monday, February 23
- 555 Tuesday, February 24
- 556 Wednesday, February 25
- 557 Thursday, February 26
- 558 Friday, February 27
- 561 Monday, March 1
- 562 Tuesday, March 2
- 563 Wednesday, March 3
- 564 Thursday, March 4
- 565 Friday, March 5
- 568 Monday, March 8
- 569 Tuesday, March 9
- 570 Wednesday, March 10
- 571 Thursday, March 11
- 572 Friday, March 12
- 575 Monday, March 15
- 576 Tuesday, March 16
- 577 Wednesday, March 17
- 578 Thursday, March 18
- 579 Friday, March 19
- 582 Monday, March 22
- 583 Tuesday, March 23

DAY Travel day

Value Label

- 1 Monday
- 2 Tuesday
- 3 Wednesday
- 4 Thursday
- 5 Friday

GPSINT GPS Study – indicated interest in participating

Value Label

- 1 YES
- 2 NO
- 9 NOT ELIGIBLE

GPSDATA GPS Data Available (code provided by GeoStats after GPS unit retrieved)

*For this interim delivery, just noting those hhlds that received gps units.

Value Label

- 1 Yes

HTRIPS Household trips

VP Valid Partial (if hhsz>4 and 1 person didn't complete travel log)

- 1 Yes

OUTLOOK1 Importance of Sidewalks in your neighborhood

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK2 Importance of Neighborhood bike paths

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK3 Importance of conveniently located bus stops

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK4 Importance of uncongested roadways

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK5 Importance of Timely updates about traffic tie-ups

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK6 Importance of neighborhood input of road construction projects affecting neighborhood

Value Label

- 1 very unimportant
- 5 very important

OUTLOOK7 Importance of bus information in English and Spanish (bilingual only)

Value Label

- 1 very unimportant
- 5 very important

GRADE1 Rating of Sidewalks in your neighborhood

Value Label

- 1 Excellent (A)
- 5 Failing (F)

GRADE2 Rating of Neighborhood bike paths

Value Label

1 Excellent (A)

5 Failing (F)

GRADE3 Rating of conveniently located bus stops

Value Label

1 Excellent (A)

5 Failing (F)

GRADE4 Rating of uncongested roadways

Value Label

1 Excellent (A)

5 Failing (F)

GRADE5 Rating of Timely updates about traffic tie-ups

Value Label

1 Excellent (A)

5 Failing (F)

GRADE6 Rating of neighborhood input of road construction projects a

Value Label

1 Excellent (A)

5 Failing (F)

GRADE7 Rating of bus information in English and Spanish (bilingual

Value Label

1 Excellent (A)

5 Failing (F)

Person File

SAMPN Household sample number
PERNO Person Number
WADD Work address location number (if employed) – use to link to address info in location file
SADD School address location number (if student) – use to link to address info in location file

RELAT Relationship to main household respondent

Value	Label
0	REFERENCE/RESPONDENT /SELF
1	SPOUSE/PARTNER
2	CHILD
3	PARENT
4	GRANDPARENT
5	GRANDCHILD
6	OTHER RELATIVE
7	NOT RELATED
9	RF

GEND Gender

Value	Label
1	MALE
2	FEMALE
9	RF

AGE Age

Value	Label
98	98 years old or older
99 M	DK/RF

HISP Are you Hispanic, Latino, or Spanish? (asked only if RESP=0)

Value	Label
1	YES
2	NO
9	RF

ETHN Ethnicity (asked only if RESP=0)

Value	Label
1	White
2	African American, Black
3	Asian
4	American Indian, Alaskan Native
5	Native Hawaiian or other Pacific Islander?
6	MULTIRACIAL
7	HISPANIC/ MEXICAN
97	OTHER, SPECIFY
99	RF

O_ETHN Ethnicity,other

ACTWK Status (age 16+)

Value Label

- 1 Working
- 2 Temporarily absent from a job or business
- 3 Looking for work
- 4 A homemaker
- 5 Going to school
- 6 Retired
- 7 Or doing something else?, SPECIFY
- 8 Don't Know
- 9 Refused

O_ACTWK Status (age 16+), other

VOLUN Volunteer Status (age 16+ and ACTWK>2)

- 1 Yes
- 2 No
- 9 DK/RF

EMPLY CALCULATED - Employed (ACTWK<3 OR VOLUN=1)

Value Label

- 1 Yes
- 2 No

FTPT Full time or part time status

Value Label

- 1 FULL TIME
- 2 PART TIME
- 3 NO, DIDN'T WORK AT ALL
- 9 RF

OCCUP Occupation

Value Label

- 1 Sales or service
- 2 Clerical or administrative support
- 3 Manufacturing, construction, maintenance, or farming
- 4 Professional, managerial, or technical
- 7 OTHER, SPECIFY
- 9 RF

O_OCCUP Occupation, other

WNAME Name of employer

WLOC Work location flag

Value Label

- 1 HOME
- 2 ADDRESS GIVEN
- 8 DK
- 9 RF

WTYPE Work land use classification

Value Label

- 1 Office Building
- 2 Retail
- 3 Industrial/Manufacturing Site
- 4 Medical
- 5 Educational
- 6 Residential
- 7 OTHER, SPECIFY
- 9 RF

O_WTYPE Work land use classification, other

PKST1 If needed to park at work, street 1

PKST2 If needed to park at work, street 2

WMODE Mode typically used to get to work (if WLOC>1)

Value Label

- 1 WALK
- 2 BIKE
- 3 AUTO / VAN/ TRUCK DRIVER
- 4 AUTO / VAN / TRUCK PASSENGER
- 5 TRANSIT
- 6 LOCAL PARATRANSIT OPERATORS
- 7 SCHOOL BUS
- 8 TAXI/ SHUTTLE
- 9 RF

WPARK Pay to park

Value Label

- 1 YES
- 2 NO
- 3 EMPLOYER PROVIDED
- 8 DK
- 9 RF

PAYPK Amount paid to park (if WPARK=1)

WPPER Pay method

Value Label

- 1 PER HOUR
- 2 PER DAY
- 3 PER WEEK
- 4 PER MONTH
- 5 PER YEAR
- 6 DK
- 7 RF

EDUCA Highest level of education attained

Value Label

- 1 Not a high school graduate, 12 grade or less
- 2 High school graduate (high school diploma or GED)
- 3 Some college credit but no degree
- 4 Associate or technical school degree
- 5 Bachelor's or undergraduate degree
- 6 Graduate degree (includes professional degree like MD, DDs,
- 7 OTHER, SPECIFY
- 9 DK/RF

O_EDUC Highest level of education attained, other

STUD Student status

Value Label

- 1 YES
- 2 NO
- 9 DK/RF

SCHOL Type of school attending

Value Label

- 1 DAYCARE
- 2 NURSERY SCHOOL, PRE-SCHOOL
- 3 KINDERGARTEN TO GRADE 8
- 4 GRADE 9 TO 12
- 5 TECHNICAL/VOCATION SCHOOL
- 6 2 YEAR COLLEGE (COMMUNITY COLLEGE)
- 7 4-YEAR COLLEGE OR UNIVERSITY
- 97 OTHER, SPECIFY
- 99 DK/RF

O_SCHOL Type of school attending, other

SNAME School name

TRAVL Reported travel on travel day

Value Label

- 1 Traveled
- 2 Did Not Travel
- 3 Out of Area

NOGO Reason for no travel (travel=2)

Value Label

- 1 personally sick
- 2 caretaking sick kids
- 3 caretaking sick other
- 4 homebound (elderly or disabled)
- 5 worked at home for pay
- 6 worked around home (not for pay)
- 7 other

O_NOGO Other reason for non-travel

PTRIPS Number of person trips reported on travel day

Vehicle File

SAMPN Household sample number
VEHNO Vehicle Number

YEAR Vehicle Year
Value Label
8888 M DK/RF
9999 M Refused

MAKE Vehicle Make
Value Label
1 Acura
2 Audi
3 Bmw
4 Buick
5 Cadillac
6 Chevrolet
7 Chrysler
8 Dodge
9 Ford
10 Geo
11 Gmc
12 Harley Davidson
13 Honda
14 Hyundai
15 Infiniti
16 Isuzu
17 Jaguar
18 Jeep
19 Kawasaki
20 Kia
21 Lexus
22 Lincoln
23 Mazda
24 Mercury
25 Mercedes
26 Mitsubishi
27 Nissan
28 Oldsmobile
29 Plymouth
30 Pontiac
31 Porsche
32 Range Rover
33 Saab
34 Saturn
35 Subaru
36 Suzuki
37 Toyota
38 Volkswagen
39 Volvo
40 Yamaha
41 Daewoo
97 Other, Specify
98 Dont Know
99 Refused

O_MAKE Vehicle Make, Other

MODEL Vehicle Model

BTYPE Vehicle Body Type

Value	Label
1	Auto/Car/Station Wagon
2	Van(Minivan, Cargo, Passenger)
3	Sport Utility Vehicle/SUV
4	Pick Up Truck
5	Other truck
6	RV
7	Motorcycle
97	Other

O_BTYPE Vehicle Body Type, other

FUEL Vehicle fuel

Value	Label
1	Gas
2	Diesel
7	Other (Specify)
9	Refused

O_FUEL Vehicle fuel, other

CIGAR Cigarette lighter/power outlet

Value	Label
1	Yes
2	No
9	DK/RF

NHMD Non-HHId member drove vehicle on travel day

1	Yes
2	No

Trip File

SAMPN Household sample number
PERNO Person Number
PLANO Place number
LOCNO Location identifier (link to location file for address information)

PTYPE Place type

Value Label

- 1 Home
- 2 Work
- 3 School
- 4 Other Place within study area, specify name of the place
- 5 Out of Area, specify city and state

ARR_HR Arrival hour

ARR_MN Arrival minute

DEP_HR Departure hour

DEP_MN Departure minute

LTYPE Land Use type of place

Value Label

- 1 Office
- 2 Retail
- 3 Industrial Or Manufacturing
- 4 Medical
- 5 Education
- 6 Residential
- 7 Other (Specify)
- 9 DK/RF

O_LTYPE Land Use type of place, other

MODE Travel mode

Value Label

- 1 Walk
- 2 Bike
- 3 Driver-Auto/Van/Truck
- 4 Passenger-Auto/Van/Truck
- 5 Transit
- 6 Links Paratransit/Dial-A-Ride
- 7 School Bus
- 8 Taxi/Shuttle
- 97 Other, specify
- 99 Refused

VEHNO If auto-driver or auto-passenger, hh vehicle number used

(note: can link on sampn/vehno to see vehicle information for hh vehicle used)

Value Label

- 97 Non-Hh Veh Used

WITHP People in vehicle with you

Value Label

- 1 Yes
- 2 No
- 9 DK/RF

WAHHM HH Members with you?

Value	Label
1	Yes
2	No
9	DK/RF

OTHTR Non-HH Members with you?

Value	Label
1	Yes
2	No
9	DK/RF

NUMHH Number of HH members traveling with you

NONHH Number of non-hh members in travel party

TOTTR Total in travel party (computed as NUMHH + NONHH + 1)

PERTP Person #s for hh members on Trip

TOBUS If used transit, # blocks walked to get on bus

Value	Label
99	Refused

FRBUS If used transit, # blocks walked once got off bus

Value	Label
99	Refused

TRANS If used transit, # of transfer

Value	Label
99	Refused

WHTTR If transferred, where? (corresponds to look-up list)

O_WHTTR If transferred, where? (if not on list, what was intersection?)

ACT1 Main Activity at this place

Value	Label
1	Work At Home
2	Non-Work At Home Activities
3	Work
4	Work-Related
5	Pick-Up Or Drop-Off Passenger At Work
6	School
7	School Related
8	Pick-Up Or Drop-Off Passenger At School
9	Quick Stop
10	Shopping
11	Visit
12	Personal Business
13	Eat Meal
14	Entertainment
15	Recreation Or Fitness
16	Civic Or Religious
17	Pick-Up Or Drop-Off Passenger At Other Location
18	Change Mode Of Transportation
97	Other
99	Refused

TRPDU Calculated trip duration
ACTDU Calculated activity duration

Location File

LOCNO Location number (links to HHADD, WADD, SADD, or LOCNO)

LOCTY Location type

Value	Label
1	Home
2	Work
3	School
5	Other place
6	Out of area

NAME Name of place

ADDR Place address

XSTRT Cross street nearest place

LAND Landmark

CITY City

CNTY County

STATE State

ZIP Zip code

AV_STA Geocoding status

Value	Label
C	On-Screen Matched
L	Landmark File Match
M	Matched
O	Out of Area
U	Unmatched

XCORD X coordinate

YCORD Y coordinate

FIPS County FIPS code

TRACT Census tract

TAZ Traffic analysis zone

AV_ADD Address corresponding to xcord and ycord

AV_ZONE Geocoding zone corresponding to xcord and ycord (typically zip)