

95 Express Phase 1A Survey

NREL TSDC Data Dictionary

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Summary

Survey of commuters using 95 Express Lanes between Downtown Miami and Golden Glades Interchange in May 2009. 9,156 respondents answered questions via an online survey referring to their recent trips on the chosen I-95 segment. Questions were asked pertaining to their trip purpose, frequency, and mode. In addition, respondents were asked whether they had used I-95 before the installation of 2 HOT lanes, the reasons why/why not, and whether they used in afterwards. Respondents are also asked their satisfaction with the upgrade, as well as their perceptions of safety and success of the project/I-95. Data surrounding the respondents' age, race/ethnicity, and income is also collected. The final sample size included 9,156 individuals who completed the study.

Table/File Definitions

Table	Description
survey_household	95 Express Phase 1A Survey

Column Definitions

Column	Table	Description
destination_zipcode	survey_household	Zip code of work/school
origin_zipcode	survey_household	Riders zip code
q1	survey_household	Categorical: Has used I95 in Broward or Miami-Dade County in the last 6 months (y=yes, n=no)
q10	survey_household	Categorical: Transportation to work/school before using 95X bus (1=drove alone in a personal vehicle or motorcycle, 2=drove a company vehicle, 3=rode with someone else in a personal vehicle, 4=rode with someone in a company vehicle, 5=rode in a South Florida Vanpool, 6=rode on Tri-Rail, 7=rode on other County or City transit bus rail shuttle trolley, 8=other)
q10other	survey_household	Specify other
q11_1	survey_household	Why 95X bus service; time savings
q11_2	survey_household	Why 95X bus service; cost savings
q11_3	survey_household	Why 95X bus service; convenience
q11_4	survey_household	Why 95X bus service; my employer pays all or part of my transit fare
q11_5	survey_household	Why 95X bus service; the 95 express lanes
q11_6	survey_household	Why 95X bus service; personal reasons

q11_7	survey_household	Why 95X bus service; other
q11other	survey_household	Specify other
q12	survey_household	Categorical: Boarding time of 95X bus to get home from work/school (1=before 4:00pm, 2=4:00pm-4:59pm, 3=5:00pm-5:59pm, 4=6:00pm-6:59pm, 5=7:00pm-7:59pm, 6=8:00pm or later)
q13	survey_household	Categorical: People riding to work with not including self (1=1, 2=2, 3=3, 4=4, 5=5 or more)
q14	survey_household	Categorical: People who ride and live with (1=1, 2=2, 3=3, 4=4, 5=5 or more)
q15	survey_household	Categorical: Began riding with someone else (1=before December 2008, 2=December 2008, 3=January 2009, 4=February 2009, 5=March 2009, 6=April 2009)
q16_1	survey_household	Reason for riding with someone else; wanted to reduce my costs of getting to and from work/school
q16_2	survey_household	Reason for riding with someone else; wanted to be able to use the High Occupancy Vehicle (HOV)/Carpool or 95 Express Lanes
q16_3	survey_household	Reason for riding with someone else; had personal reasons for participating
q16_4	survey_household	Reason for riding with someone else; other

q16other	survey_household	Specify other
q17_1_1	survey_household	Entrance onto I-95 to go to work/school at; 1-23
q17_1_2	survey_household	Entrance onto I-95 to go to work/school at; 1-18
q17_1_3	survey_household	Entrance onto I-95 to go to work/school at; 1-33
q17_2_1	survey_household	Exit off of I-95 to go to work/school at; 1-23
q17_2_2	survey_household	Exit off of I-95 to go to work/school at; 1-18
q17_2_3	survey_household	Exit off of I-95 to go to work/school at; 1-33
q18	survey_household	Entry time onto I-95 to go to work/school; 1-6
q19	survey_household	Usual duration on I-95 going to work/school; 1-5
q20	survey_household	Speed traveling on I-95 on the way to work/school
q21_1_1	survey_household	Entrance onto I-95 to go to home at; 1-23
q21_1_2	survey_household	Entrance onto I-95 to go to home at; 1-18
q21_1_3	survey_household	Entrance onto I-95 to go to home at; 1-33
q21_2_1	survey_household	Exit off of I-95 to go to home at; 1-23
q21_2_2	survey_household	Exit off of I-95 to go to home at; 1-18
q21_2_3	survey_household	Exit off of I-95 to go to home at; 1-33

q22	survey_household	Categorical: Entry time onto I-95 to go home (1= before 4:00pm, 2=4:00 -4:59pm, 3= 5:00-5:59pm, 4=6:00-6:59pm, 5=7:00-7:59pm, 6=8:00 or later)
q23	survey_household	Categorical: Usual duration on I-95 going home (1=less than 15 minutes, 2=15-30 minutes, 3=31-45 minutes, 4=46-60 minutes, 5=more than 60 minutes)
q24	survey_household	Categorical: Speed traveling on I-95 on the way home (1=slower than 20mph, 2=21-44mph, 3=faster than 45mph)
q25	survey_household	Categorical: Normal commute on I-95 NB between Downtown Miami and the Golden Glades Interchange (y=yes, n=no)
q26	survey_household	Categorical: Used the 95 Express Lanes (1=yes, I have used the 95 express lanes, 2=no, I have not used the 95 express lanes, 3=I do not know what the 95 express lanes are)
q27	survey_household	Categorical: Used I-95 in the last 30 days (y=yes, n=no)
q28	survey_household	Categorical: Frequency of I-95 use for non-work/school purposes in last 30 days (1= 1-5 times, 2=6-15 times, 3=16-30 times, 4=more than 30 times)
q29_1	survey_household	Purpose for using I-95; social reasons (visiting family/friends sporting events, the beach, etc)
q29_2	survey_household	Purpose for using I-95; business purposed

q29_3	survey_household	Purpose for using I-95; medical appointments/reasons
q29_4	survey_household	Purpose for using I-95; airport
q29_5	survey_household	Purpose for using I-95; other
q29other	survey_household	Specify other
q3	survey_household	Categorical: Has a SunPass transponder (y=yes, n=no)
q30	survey_household	Categorical: Traveled on I-95 NB between Downtown Miami and the Golden Glades Interchange in the last 30 days (y=yes, n=no)
q31	survey_household	Categorical: Used the 95 Express Lanes (1=yes, I have used the 95 express lanes, 2=no, I have not used the 95 express lanes, 3=I do not know what the 95 express lanes are)
q32	survey_household	Categorical: Frequency of I-95 express lane use in the last 30 days (1=1-5 times, 2=6-15 times, 3=16-30 times, 4=more than 30 times)
q33	survey_household	Categorical: Weekly average of trips using I-95 express lanes (1=varies from week to week, 2=1 day, 3=2-3 days, 4=4-5 days, 5=more than 5 days)
q34_1	survey_household	Type of express lane user; I use my SunPass to pay the toll
q34_2	survey_household	Type of express lane user; I am in a registered 3+ carpool and use the lanes toll free

q34_3	survey_household	Type of express lane user; I participate in a South Florida Vanpool and use the lanes toll free
q34_4	survey_household	Type of express lane user; I am a registered hybrid driver and use the lanes toll free
q34_5	survey_household	Type of express lane user; I drive a motorcycle and use the lanes toll free
q34_6	survey_household	Type of express lane user; other
q34other	survey_household	Specify other
q35_1	survey_household	Before I-95, did you use the HOV/carpool lanes; yes, I was in a carpool/vanpool and rode with others to work/school
q35_2	survey_household	Before I-95, did you use the HOV/carpool lanes; yes, I drove a hybrid vehicle
q35_3	survey_household	Before I-95, did you use the HOV/carpool lanes; yes, I drove a motorcycle
q35_4	survey_household	Before I-95, did you use the HOV/carpool lanes; yes, I had special privileges to use the lanes
q35_5	survey_household	Before I-95, did you use the HOV/carpool lanes; no, I did not use the HOV/carpool lanes
q36	survey_household	Categorical: Average time saved using the 95 express lanes (1=1-5 minutes, 2=6-10 minutes, 3=11-15 minutes, 4=more than 15 minutes, 5=it does not save time, 6=it takes longer now than before, 7= I am not sure)

q37	survey_household	Categorical: Confidence in 95 Express lanes making trips more reliable (1=very confident, 2=somewhat confident, 3=neutral, 4=not very confident, 5=not at all confident)
q38_1	survey_household	Why use 95 Express lanes; saves time
q38_2	survey_household	Why use 95 Express lanes; moves faster than general lanes
q38_3	survey_household	Why use 95 Express lanes; less crowded
q38_4	survey_household	Why use 95 Express lanes; cost savings
q38_5	survey_household	Why use 95 Express lanes; Trucks and larger vehicles are not in the lanes
q38_6	survey_household	Why use 95 Express lanes; I can use the lanes toll free (hybrid, carpool, vanpool)
q38_7	survey_household	Why use 95 Express lanes; I feel safer in the lanes
q38_8	survey_household	Why use 95 Express lanes; My employer pays the cost of the tolls
q38_9	survey_household	Why use 95 Express lanes; other
q38other	survey_household	Specify other
q39_1	survey_household	Before installation of 95 express lanes, did you use the HOV/carpool lanes; yes, I was in a carpool/vanpool and rode with others to work/school

q39_2	survey_household	Before installation of 95 express lanes, did you use the HOV/carpool lanes; yes, I drove a hybrid vehicle
q39_3	survey_household	Before installation of 95 express lanes, did you use the HOV/carpool lanes; yes, I drove a motorcycle
q39_4	survey_household	Before installation of 95 express lanes, did you use the HOV/carpool lanes; yes, I had special privileges to use the lanes
q39_5	survey_household	Before installation of 95 express lanes, did you use the HOV/carpool lanes; no, I did not use the HOV/carpool lanes
q4	survey_household	Categorical: Use I95 in Miami-Dade County for work/school related purposes (1=yes I use I-95, 2=No I use other routes in Miami-Dade, 3=Does not apply)
q40_1	survey_household	Why dont you use 95 express lanes; My carpool does not qualify as a 3+ commuter carpool
q40_2	survey_household	Why dont you use 95 express lanes; I prefer to use the general purpose lanes
q40_3	survey_household	Why dont you use 95 express lanes; I do not want to pay a toll
q40_4	survey_household	Why dont you use 95 express lanes; it is too expensive
q40_5	survey_household	Why dont you use 95 express lanes; there is no access to get into the lanes where I get on I-95

q40_6	survey_household	Why dont you use 95 express lanes; there is no access to get out of the lanes where I get off I-95
q40_7	survey_household	Why dont you use 95 express lanes; other
q40other	survey_household	Specify other
q41_1	survey_household	Why dont you use 95 express lanes; I prefer to use the general purpose lanes
q41_2	survey_household	Why dont you use 95 express lanes; I do not want to pay a toll
q41_3	survey_household	Why dont you use 95 express lanes; it is too expensive
q41_4	survey_household	Why dont you use 95 express lanes; there is no access to get into the lanes where I get on I-95
q41_5	survey_household	Why dont you use 95 express lanes; there is no access to get out of the lanes where I get off I-95
q41_6	survey_household	Why dont you use 95 express lanes; other
q41other	survey_household	Specify other
q42	survey_household	Categorical: Description of signage along I-95 and 95 Express lanes (1=easy to follow, 2=good, but could be better, 3=Manageable, but a lot is confusing and distracting. 4=very difficult to understand)
q43	survey_household	Categorical: Rate the safety of 95 Express lanes (1=very safe, 2=safe, 3=neutral, 4=unsafe, 5=very safe)

q44	survey_household	Categorical: Change in safety of I-95 since HOV/carpool lanes became 95 express lanes (1=safier, 2=less safe, 3= no difference/same as before)
q45	survey_household	Categorical: Overall satisfaction with the change from HOV/carpool to 95 express lanes (1=very satisfied, 2=satisfied, 3=neutral, 4=dissatisfied, 5=very dissatisfied)
q46	survey_household	Categorical: Overall rating of success for the transportation agencies changing the HOV/carpool lanes to 95 express lanes (1=very successful, 2=fairly successful, 3=neutral, 4=not very successful, 5=not at all successful)
q47	survey_household	Categorical: Overall rating of the news and media coverage and explanation why the HOV/carpool lanes were converted to 95 express lanes (1=excellent, 2=good, 3=fair, 4=poor)
q48	survey_household	Categorical: Aware of the I95 express lanes in Miami-Dade county northbound on I95 (y=yes, n=no)
q49	survey_household	Categorical: Would you like other express lanes on other roadways in South Florida (1=yes, 2=no, 3=undecided)
q50	survey_household	Categorical: Participation in demographic questions (1=continue to demographic questions, 2=skip demographic questions)

q51	survey_household	Categorical: Gender (1=male, 2=female)
q52	survey_household	Categorical: Age range (1=18-24, 2=25-34, 3=35-44, 4=45-54, 5=55-64, 6=65 and older)
q53	survey_household	Categorical: Ethnicity (1=white, 2=african-american, 3=asian, 4=american indian; other)
q53other	survey_household	Specify other
q54	survey_household	Categorical: highest level of schooling (1=less than high school, 2=high school or GED, 3=1 or more years of college (no degree), 4=associates degree, 5=bachlors degree, 6= graduate or professional degree)
q55	survey_household	Categorical: Average household income (1=under \$19000, 2=\$20000-29999, 3=\$30000-39999, 4=\$40000-59999, 5=\$60000-75999, 6=\$75000 or more)
q56	survey_household	Categorical: Number of vehicles in household (1=0, 2=1, 3=2, 4=3, 5=4, 6=5 or more)
q57	survey_household	Additional comments
q6_1	survey_household	Employer/School reimbursement; mileage
q6_2	survey_household	Employer/School reimbursement; turnpike tolls
q6_3	survey_household	Employer/School reimbursement; 95 express tolls

q6_4	survey_household	Employer/School reimbursement; transit passes for bus, train, metrorail
q6_5	survey_household	Employer/School reimbursement; parking
q6_6	survey_household	Employer/School reimbursement; my employer does not provide any of the above
q7	survey_household	Categorical: Usual transportation to/from work/school (1=drive alone in person vehicle or motorcycle, 2=drive alone in a company vehicle, 3=ride with someone else in a personal vehicle, 4=ride with someone else in a company vehicle, 5=ride in a South Florida Vanpool, 6=ride on Miami-Dade Transit 95X bus service, 7=other)
q7_other	survey_household	Specify other
q8	survey_household	Categorical: Started riding 95X bus service (1=before December 2008, 2=December 2008, 3=January 2009, 4=February 2009, 5=March 2009, 6=April 2009)
q9	survey_household	Categorical: Boarding time of 95X bus to get to work/school (1=before 6:00am, 2=6:00am-6:59am, 3=7:00am-7:59am, 4=8:00am-8:59am, 5=9:00am-9:59am, 6=10:00 or later)