

Tri-Rail On-Board Survey 2008

NREL TSDC Data Dictionary

Region:	
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Summary

Origin-destination survey on Metrorail at all Tri-Rail trains in November 2009 in South Florida, used to inform the agency's Transit Development Plan (TDP) updates, develop new service expansion scenarios, improve existing Tri-Rail service, and contribute to regional travel demand models for use by multiple transportation partners throughout South Florida. The OD study consisted of distributing paper questionnaires in three languages to collect information about travel patterns, socioeconomic characteristics, and opinions on Tri-Rail service. It also included collecting passenger counts and parking counts at each Tri-Rail station. The final survey included 6,103 raw participant responses, reduced to 3,649 after the data was cleaned.

Table/File Definitions

Table	Description
survey_trips	Respondents completing the questionnaire about their Tri-Rail trips

Column Definitions

Column	Table	Description
acsmode	survey_trips	Access method; walk, triRail, transit bus, taxi, shared ride, school bus, park and ride, metrorail, other, kiss and ride, bike
comments	survey_trips	Additional comments
egrmode	survey_trips	Egress method; walk, triRail, transit bus, taxi, shared ride, school bus, park and ride, metrorail, other, kiss and ride, bike
empcommittime	survey_trips	Employee time stamp of end of review
empedits	survey_trips	Edits by surveyor
empname	survey_trips	Employees initials
emptimestamp	survey_trips	Employee time stamp of start of review
period	survey_trips	Categorical: Time period (OP= off peak, PM=PM peak, AM=AM peak)
perno	survey_trips	Survey number
q1	survey_trips	Categorical: Origin type (1=home, 2=airport, 3=work, 4=college, 5=school, 6=other)
q10	survey_trips	Categorical: How long the rider has been using Tri-Rail for this trip (1=first time/occassional trip, 2=less than 6 months, 3=6 months or more but less than 2 years, 4=over 2 years)

q11gas	survey_trips	If started Tri-Rail less than 6 months ago, because gas prices have increased; true or false
q11newschool	survey_trips	If started Tri-Rail less than 6 months ago, because rider has new school or job; true or false
q11other	survey_trips	If started Tri-Rail less than 6 months ago, because other; true or false
q11othertext	survey_trips	Specify other
q11trirail	survey_trips	If started Tri-Rail less than 6 months ago, because Tri-Rail trains come more often; true or false
q12perday	survey_trips	How often rider rides Tri-Rail per day
q12perweek	survey_trips	Categorical: How often rider rides Tri-Rail per week (1=1, 2=2, 3=3, 4=4, 5=5, 6=6, 7=7, or 8=less than one day per week)
q13adults	survey_trips	Number of adults in traveling party not able to fill out survey
q13children	survey_trips	Number of children in traveling party not able to fill out survey
q14	survey_trips	Riders zip code
q15	survey_trips	Categorical: Riders time of residency in South Florida (1=less than 1 month per year, 2=1-6 months per year, 3=more than 6 months per year)
q16	survey_trips	Gender of rider

q17	survey_trips	Categorical: Age range of rider (1=under 16, 2=16-24, 3=25-34, 4=35-44, 6=45-54, 7=55-64, 8=65 or over)
q18americanindian	survey_trips	Riders race is American Indian; true or false
q18asian	survey_trips	Riders race is Asian; true or false
q18black	survey_trips	Riders race is black/African American; true or false
q18other	survey_trips	Riders race is other; true or false
q18othertext	survey_trips	Specify other
q18spanish	survey_trips	Riders race is Spanish; true or false
q18white	survey_trips	Riders race is white; true or false
q19	survey_trips	Categorical: What school level rider is enrolled in (1=in middle school, 2=in high school, 3= in college, 4=not in school)
q1airport	survey_trips	If airport, which one
q1other	survey_trips	If other, specify
q20	survey_trips	Categorical: What school level rider has graduated from (1=middle school, 2=high school/GED, 3=college, 4=not applicable)
q21	survey_trips	Categorical: If rider has valid drivers license (1=yes, 2=no)

q22	survey_trips	Categorical: Annual income of riders household (1=under \$25000, 2=\$25001-35000, 3=\$35001-50000, 4=\$500001-75000, 5=\$75001-100000, 6=over \$100000, 7=I do not know)
q23drivers	survey_trips	Number of people with drivers licenses in household
q23livein	survey_trips	Number of people in household
q24	survey_trips	Number of vehicles owned/leased in household
q25	survey_trips	Categorical: Ability to make this trip by vehicle (1=yes, 2=no)
q26	survey_trips	Categorical: Previously filled out a survey (1=yes, 2=no)
q2address	survey_trips	Origin address
q2city	survey_trips	Origin city
q2landmark	survey_trips	Origin location; landmark, building
q2zip	survey_trips	Origin zip code
q3biked	survey_trips	Categorical: If biked to Tri-Rail (1=yes, 2=no)
q3dropped	survey_trips	Categorical: If dropped off to Tri-Rail (1=yes, 2=no)
q3droppedtext	survey_trips	Number of people dropped of including rider
q3metrorail	survey_trips	Categorical: If metrorail to Tri-Rail (1=yes, 2=no)
q3other	survey_trips	Categorical: If other to Tri-Rail (1=yes, 2=no)
q3othertext	survey_trips	Specify other

q3parked	survey_trips	Categorical: If drove and parked to Tri-Rail (1=yes, 2=no)
q3parkedtext	survey_trips	Number of people in vehicle including rider
q3rode	survey_trips	Categorical: If rode with someone who parked to Tri-Rail) (1=yes, 2=no
q3rodetext	survey_trips	Number of people in vehicle including rider
q3schoolbus	survey_trips	Categorical: If school bus to Tri-Rail (1=yes, 2=no)
q3taxi	survey_trips	Categorical: If taxi to Tri-Rail (1=yes, 2=no)
q3transitbus	survey_trips	Categorical: If transit bus to Tri-Rail (1=yes, 2=no)
q3transitbustext	survey_trips	Which bus route to Tri-Rail
q3trirail	survey_trips	Categorical: If Tri-Rail to Tri-Rail (1=yes, 2=no)
q3trirailtext	survey_trips	Which Tri-Rail to Tri-Rail
q3walked	survey_trips	Categorical: If walked to Tri-Rail (1=yes, 2=no)
q4	survey_trips	Boarding train station
q5	survey_trips	Alighting train station
q6bike	survey_trips	Categorical: Will be biking from Tri-Rail (1=yes, 2=no)
q6metrorail	survey_trips	Categorical: Will take Metrorail from Tri-Rail (1=yes, 2=no)
q6other	survey_trips	Categorical: Will be taking other from Tri-Rail (1=yes, 2=no)
q6othertext	survey_trips	Specify other

q6parked	survey_trips	Categorical: Will take a vehicle rider parked from Tri-Rail (1=yes, 2=no)
q6parkedtext	survey_trips	Number of people that will be getting in the vehicle including the rider
q6pickedup	survey_trips	Categorical: Will be picked up from Tri-Rail (1=yes, 2=no)
q6pickeduptext	survey_trips	Number of people that will be picked up including rider
q6ride	survey_trips	Categorical: Will be getting a ride from someone else that parked (1=yes, 2=no from Tri-Rail)
q6ridetext	survey_trips	Number of people that will be getting in the vehicle including the rider
q6schoolbus	survey_trips	Categorical: Will take school bus from Tri-Rail (1=yes, 2=no)
q6taxi	survey_trips	Categorical: Will take a taxi from Tri-Rail (1=yes, 2=no)
q6transitbus	survey_trips	Categorical: Will take transit bus from Tri-Rail (1=yes, 2=no)
q6transitbustext	survey_trips	Which bus route from Tri-Rail
q6trirail	survey_trips	Categorical: Will take Tri-Rail from Tri-Rail (1=yes, 2=no)
q6trirailtext	survey_trips	Which Tri-Rail from Tri-Rail
q6walk	survey_trips	Categorical: Will be walking from Tri-Rail (1=yes, 2=no)
q7	survey_trips	Categorical: Destination type (1=home, 2=airport, 3=work, 4=college, 5=school, 6=other)
q7airport	survey_trips	If airport, which one

q7other	survey_trips	If other, specify
q8address	survey_trips	Destination address
q8city	survey_trips	Destination city
q8landmark	survey_trips	Destination location; landmark, building
q8zip	survey_trips	Destination zip code
q9	survey_trips	Categorical: Will rider be making a return trip on Tri-Rail (1=yes, 2=no)
q9time	survey_trips	If yes, what time
stntrav	survey_trips	Stations traveled
survey_language	survey_trips	Categorical: Survey language (1=english, 2=spanish, 3=creole)
tpurpose	survey_trips	Categorical: Trip purpose (HBO=Home to other, HBW=home to work, NBH=origin other than home)
train	survey_trips	Train route the survey was conducted on
wtba	survey_trips	Weight factor doubly constrained, ie. by boarding and alighting
wttd	survey_trips	Weight factor by time period, station, and by direction
wtrn	survey_trips	Weight factor by train