APPENDIX E:

DATA DICTIONARY

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
id_aok_new	Unique ID number
gis_id	ID number for GIS
surv_id	ID number from original field work
sur_date	Date Survey Was administered
sur_time	Time Survey Was Administered
	Code Value 1 = Before 6am
	Code Value 2 = 6am-6:59am
	Code Value 3 = 7am-7:59am
	Code Value 4 = 8am-8:59am
	Code Value 5 = 9am-9:59am
	Code Value 6 = 10am-10:59am
	Code Value 7 = 11am-11:59am
	Code Value 8 = 12pm-12:59pm
	Code Value 9 = 1pm-1:59pm
	Code Value 10 = 2pm-2:59pm
	Code Value 11 = 3pm-3:59pm
	Code Value 12 = 4pm-4:59pm
	Code Value 13 = 5pm-5:59pm
	Code Value 14 = 6pm-6:59pm
	Code Value 15 = 7pm or later
sur_durat	Time Survey Took To Be Completed
sur_rte	Route or Station Name (MAR=MARTA, CCT=COBB, GCT=Gwinnett, CTRAN=Clayton, HAT=HALL, CAT=Cherokee, RAIL STATION CODES Shown in worksheet 4 - see tab below)
	Airport=S7
	Art Center=N5
	Ashby=W3
	Avondale=E7
	Bankhead=P1
	Brookhaven=NE8
	Buckhead=N7
	Chamblee=NE9
	Civic Center=N2
	College Park=S6
	Decatur=E6
	Dome/GWCC/Phillips/CNN=W1
	Doraville=NE10
	Dunwoody=N9
	East Lake=E5
	East Point=S5
	Edgewood/Candler=E4
	Five Points=5P
	GA State=E1
	Garnett=S1
	Hamilton E Holmes=W5
	Indian Creek=E9
	Inman Park=E3
	Kensington=E8
	King Memorial=E2
	Lakewood/Fort McPherson=S4
	Lenox=NE7
	Lindbergh=N6
	Medical Center=N8
	Midtown=N4
	North Avenue=N3
	North Springs=N11
	Oakland City=S3
	Peachtree Center=N1
	Sandy Springs=N10
	Vine City=W2

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	West End=S2
	West Lake=W4
particip	Did the person [articipate in the entire survey
	1=YES
	2=NO
or_typ	Type of Place the Trip Begin
	Code Value 1 = Your HOME
	Code Value 2 = Your WORK
	Code Value 3 = Store/Retail Place
	Code Value 4 = Restaurant
	Code Value 5 = School/Daycare
	Code Value 6 = Hospital/Doctor
	Code Value 7 = Recreation Place
	Code Value 8 = Bank/Other Office
	Code Value 9 = Another home
	Code Value 10 = Place of Worship
	Code Value 11 = Hotel
	Code Value 12 = College/University (student only)
	Code Value 13 = Airport (passenger only)
	Code Value 14 = Other
or_name	Name of Origin
or_adr_int	Was the origin address and exact address or intersection
	Code Value 1 = Exact Address
	Code Value 2 = Intersection
or_lon	Origin Longitude
or_lat	Origin Latitude
or_add	Origin address if complete address given
or_str_1	1st street given for origin if the respondent provided an intersection
or_str_2	2nd street given for origin if the respondent provided an intersection
or_int	origin intersection
or_city	origin city name
or_cnty	origin county code (see codes on the next worksheet)
	1=FULTON
	2=DEKALB
	3=COBB
	4=GWINNETT
	5=CLAYTON
	6=CHEROKEE
	7=HALL
	8=BARROW
	9=BARTOW
	10=CARROLL
	11=COWETA
	12=DOUGLAS
	13=FAYETTE
	14=FORSYTH
	15=HENRY
	16=NEWTON
	17=PAULDING
	18=ROCKDALE
	19=SPALDING
	20=WALTON
	21=OTHER
or_zip	origin zip code
	Code Value 99999 = Not Provided
frst_bustrn	Was this the first bus or train the rider used on this trip?
	Code Value 1 = Yes
	Code Value 2 = No
frm_bustrn_1	Did the rider use a bus or train 1st to get this the current bus or train
	Code Value 1 = Bus

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	Code Value 2 = Train
frm_bus_1	1st BUS transfer FROM
frm_trn_1_on	1st RAIL transfer ON FROM
frm_trn_1_off	1st RAIL transfer OFF FROM
frm_bustrn_2	Did the rider use a 2nd bus or train before getting to current bus or train
	Code Value 1 = Bus
	Code Value 2 = Train
	Code Value 3 = No
frm_bus_2	2nd BUS transfer FROM
frm_trn_2_on	2nd RAIL transfer ON FROM
frm_trn_2_off	2nd RAIL transfer OFF FROM
frm_bustrn_3	Did the rider use a 3rd bus or train before getting to current bus or train
	Code Value 1 = Bus
	Code Value 2 = Train
	Code Value 3 = No
frm_bus_3	3rd BUS transfer FROM
frm_trn_3_on	3rd RAIL transfer ON FROM
frm_trn_3_off	3rd RAIL transfer OFF FROM
frm_grtr3_bus_trn	Did Rider have more than 3 transfers to get to current bus or train
	Code Value 1 = Yes
	Code Value 2 = No
mode_to_transit	How did rider get from start point to first bus/train used
	Code Value 1 = Rode in a vehicle for part of the trip and walked/biked the rest of the way
	Code Value 2 = Was dropped off at a bus/train station
	Code Value 3 = Carpooled/vanpooled with others and parked near the bus stop/train station
	Code Value 4 = Drove alone and parked near the bus stop/train station
	Code Value 5 = Walked all the way to the bus stop/train station
	Code Value 6 = Bicycled all the way to the bus/train
or_wlk_dist	How far did the respondent walk from the origin to transit
	Code Value 1 = < 1/8 mile (less than 1 block)
	Code Value 2 = 1/8 mile (1-2 blocks)
	Code Value 3 = 1/4 mile (3-4 blocks)
	Code Value 4 = 1/2 mile (5-8 blocks)
	Code Value 5 = 3/4 mile (9-12 blocks)
	Code Value 6 = 1 mile
	Code Value 7 = 1.5 miles
	Code Value 8 = 2 miles or more
or_wlk_time	Time in minutes to walk from origin to Transit
to_prk_ride_acc	Location where person parked if the person parked a car
on_lon	ON Longitude for the location where the person boarded the bus/train
on_lat	ON Latitude for the location where the person boarded the bus/train
where_on	ON location with address or description of the boarding location
pid_on	ON reference GIS reference ID code
on_stop_seg	Code for the Stop or Segment on a route where the rider GOT ON
	Airport=S7
	Art Center=N5
	Ashby=W3
	Avondale=E7
	Bankhead=P1
	Brookhaven=NE8
	Buckhead=N7
	Chamblee=NE9
	Civic Center=N2
	College Park=S6
	Decatur=E6
	Dome/GWCC/Phillips/CNN=W1
	Doraville=NE10
	Dunwoody=N9

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	East Lake=E5
	East Point=S5
	Edgewood/Candler=E4
	Five Points=5P
	GA State=E1
	Garnett=S1
	Hamilton E Holmes=W5
	Indian Creek=E9
	Inman Park=E3
	Kensington=E8
	King Memorial=E2
	Lakewood/Fort McPherson=S4
	Lenox=NE7
	Lindbergh=N6
	Medical Center=N8
	Midtown=N4
	North Avenue=N3
	North Springs=N11
	Oakland City=S3
	Peachtree Center=N1
	Sandy Springs=N10
	Vine City=W2
	West End=S2
	West Lake=W4
off_lon	OFF Longitude for the location where the person boarded the bus/train
off_lat	OFF Latitude for the location where the person boarded the bus/train
where_off	OFF location with address or description of the boarding location
pid_off	OFF reference GIS reference ID code
off_stop_seg	Code for the Stop or Segment on a route where the rider GOT OFF
	Airport=S7
	Art Center=N5
	Ashby=W3
	Avondale=E7
	Bankhead=P1
	Brookhaven=NE8
	Buckhead=N7
	Chamblee=NE9
	Civic Center=N2
	College Park=S6
	Decatur=E6
	Dome/GWCC/Phillips/CNN=W1
	Doraville=NE10
	Dunwoody=N9
	East Lake=E5
	East Point=S5
	Edgewood/Candler=E4
	Five Points=5P
	GA State=E1
	Garnett=S1
	Hamilton E Holmes=W5
	Indian Creek=E9
	Inman Park=E3
	Kensington=E8
	King Memorial=E2
	Lakewood/Fort McPherson=S4
	Lenox=NE7
	Lindbergh=N6
	Medical Center=N8
	Midtown=N4
	North Avenue=N3

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	North Springs=N11
	Oakland City=S3
	Peachtree Center=N1
	Sandy Springs=N10
	Vine City=W2
	West End=S2
	West Lake=W4
transfer	Will rider transfer to another bus or train
	Code Value 1 = Yes
	Code Value 2 = No
to_bustrn_1	Will rider transfer to a bus or train 1st?
	Code Value 1 = Bus
	Code Value 2 = Train
to_bus_1	1st BUS transfer TO
to_trn_1_on	1st RAIL transfer ON TO
to_trn_1_off	1st RAIL transfer OFF TO
to_bustrn_2	Will rider transfer to 2nd bus or train?
	Code Value 1 = Bus
	Code Value 2 = Train
	Code Value 3 = No
to_bus_2	2nd BUS transfer TO
to_trn_2_on	2nd RAIL transfer ON TO
to_trn_2_off	2nd RAIL transfer OFF TO
to_bustrn_3	Will rider transfer to 3rd bus or train?
	Code Value 1 = Bus
	Code Value 2 = Train
	Code Value 3 = No
to_bus_3	3rd BUS transfer TO
to_trn_3_on	3rd RAIL transfer ON TO
to_trn_3_off	3rd RAIL transfer OFF TO
to_grtr3_bus_trn	Will rider tranfer to more than 3 buses or trains
	Code Value 1 = Yes
	Code Value 2 = No
mode_frm_transit	Mode of access from last bus or train used for this trip
	Code Value 1 = Will ride in a vehicle for part of the trip and walk/bike the rest of the way
	Code Value 2 = Be picked up by someone at the bus stop/train station
	Code Value 3 = Carpool/vanpool with others to my destination
	Code Value 4 = Drive alone to my destination
	Code Value 5 = Walk all the way my destination
	Code Value 6 = Bicycle all the way to my destination
dest_wlk_dist	Distance will walk from transit to destination
	Code Value 1 = < 1/8 mile (less than 1 block)
	Code Value 2 = 1/8 mile (1-2 blocks)
	Code Value 3 = 1/4 mile (3-4 blocks)
	Code Value 4 = 1/2 mile (5-8 blocks)
	Code Value 5 = 3/4 mile (9-12 blocks)
	Code Value 6 = 1 mile
	Code Value 7 = 1.5 mile
	Code Value 8 = 2 miles or more
dest_wlk_time	Time the rider will walk to destination as reported by rider in minutes
frm_prk_ride_acc	Where did rider park his/her car?
dest_typ	Destination Type of Place
	Code Value 1 = Your HOME
	Code Value 2 = Your WORKPLACE
	Code Value 3 = Store/Retail Place
	Code Value 4 = Restaurant
	Code Value 5 = School/Daycare
	Code Value 6 = Hospital/Doctor
	Code Value 7 = Recreation Place

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	Code Value 8 = Bank/Other Office
	Code Value 9 = Another home
	Code Value 10 = Place of Worship
	Code Value 11 = Hotel
	Code Value 12 = College/University (student only)
	Code Value 13 = Airport (passenger only)
	Code Value 14 = Other
dest_name	Name of Destination
dest_adr_int	Did the person provide the exact address or intersection for Destination
	Code Value 1 = Exact Address
	Code Value 2 = Intersection
dest_lon	destination longitude
dest_lat	destination latitude
dest_adr	Destination address if complete address given
dest_str1	1st street given for destination if the respondent provided an intersection
dest_str2	2nd street given for destination if the respondent provided an intersection
dest_int	destination intersection
dest_city	destination city name
dest_cnty	destination county code (see codes on the next worksheet)
	1=FULTON
	2=DEKALB
	3=COBB
	4=GWINNETT
	5=CLAYTON
	6=CHEROKEE
	7=HALL
	8=BARROW
	9=BARTOW
	10=CARROLL
	11=COWETA
	12=DOUGLAS
	13=FAYETTE
	14=FORSYTH
	15=HENRY
	16=NEWTON
	17=PAULDING
	18=ROCKDALE
	19=SPALDING
	20=WALTON
	21=OTHER
dest_zip	destination zip code
	Code Value 99999 = Not Provided
breeze_card	Did the respondent use a Breeze card?
	Code Value 1 = Yes
	Code Value 2 = No
TYPE_OF_FARE	Type of fare paid
	Code Value 1 = 1-Day Pass
	Code Value 2 = 7-Day Pass
	Code Value 3 = 10 Trip Pass
	Code Value 4 = 20 Trip Pass
	Code Value 5 = 30-Day Pass
	Code Value 6 = 31-Day Pass
	Code Value 7 = 40-Ride Pass
	Code Value 8 = Half-Fare 65+
	Code Value 9 = Half-Fare 10-ride
	Code Value 10 = Half-Fare Out of District
	Code Value 11 = Local to Express Upgrade
	Code Value 12 = Round-Trip Fare

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	Code Value 13 = Single One-Way Fare
	Code Value 14 = Student Weekly Pass
	Code Value 15 = U-Pass Faculty/Staff
agency_fare	Agency issuing the fare
	Code Value 1 = MARTA
	Code Value 2 = GRTA
	Code Value 3 = C-TRAN (CLAYTON)
	Code Value 4 = CCT (COBB)
	Code Value 5 = HALL
	Code Value 6 = GWINNETT
	Code Value 7 = OTHER
	Code Value 8 = CHEROKEE
	Code Value 9 = DON'T KNOW
hh_veh	Number of vehicles available to the household
	Code Value 0 = Zero
	Code Value 1 = One
	Code Value 2 = Two
	Code Value 3 = Three or more
veh_access	Could the rider have used one of the vehicles today
	Code Value 1 = Yes
	Code Value 2 = No
hh_persons	Number of people in household
	Code Value 1 = One
	Code Value 2 = Two
	Code Value 3 = Three
	Code Value 4 = Four
	Code Value 5 = Five
	Code Value 6 = Six or more
hh_adult	Number of adults in household
	Code Value 1 = One
	Code Value 2 = Two
	Code Value 3 = Three
	Code Value 4 = Four
	Code Value 5 = Five
	Code Value 6 = Six or more
hh_employ	Number of employed persons in household
	Code Value 0 = Zero
	Code Value 1 = One
	Code Value 2 = Two
	Code Value 3 = Three
	Code Value 4 = Four
	Code Value 5 = Five
	Code Value 6 = Six or more
employed	Are you employed?
	Code Value 1 = Yes
	Code Value 2 = No
work_already	Have you been to work already today?
	Code Value 1 = Yes
	Code Value 2 = No
work_ltr	Are you going to work later today?
	Code Value 1 = Yes
	Code Value 2 = No
student	Are you a student?
	Code Value 1 = Yes
	Code Value 2 = No
school_already	Have you been to school already?
	Code Value 1 = Yes
	Code Value 2 = No
school_ltr	Are you going to school later today?
	Code Value 1 = Yes

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	Code Value 2 = No
driver_lic	Do you have a driver's license?
	Code Value 1 = Yes
	Code Value 2 = No
age	What is your age
	Code Value 1 = under 18
	Code Value 2 = 18-24
	Code Value 3 = 25-34
	Code Value 4 = 35-44
	Code Value 5 = 45-54
	Code Value 6 = 55-64
	Code Value 7 = 65+
income	What is your annual household income?
	Code Value 1 = Below $5;000
	Code Value 2 = $5;000-$9;999
	Code Value 3 = $10;000-$19;999
	Code Value 4 = $20;000-$29;999
	Code Value 5 = $30;000-$39;999
	Code Value 6 = $40;000-$49;999
	Code Value 7 = $50;000-$59;999
	Code Value 8 = $60;000-$74;000
	Code Value 9 = $75;000-$99;999
	Code Value 10 = $100;000-$119;000
	Code Value 11 = $120;000 or more
hispanic	Is the person Hispanic
	Code Value 1 = Yes
	Code Value 2 = No
race_ethn	What is the person's race
	Code Value 1 = White
	Code Value 2 = Black/African American
	Code Value 3 = Asian
	Code Value 4 = Other
	Code Value 5 = American Indian
eng_ability	How well could the person speak English
	Code Value 1 = Very Well
	Code Value 2 = Somewhat Well
	Code Value 3 = Not Well at All
gender	What was the person's gender
	Code Value 1 = Male
	Code Value 2 = Female
HOME_ADDRESS_OR_INTERSECTION	Did the person provide the exact address or intersection for the HOME
	Code Value 1 = Exact Address
	Code Value 2 = Intersection
home_lon	home longitude
home_lat	home latitude
home_adr	home address if complete address given
home_str1	1st street given for home if the respondent provided an intersection
home_str2	2nd street given for home if the respondent provided an intersection
home_int	home intersection
home_note	note regarding the location of the person's home if applicable
home_city	home city name
home_cnty	home county code (see codes on the next worksheet)
	1=FULTON
	2=DEKALB
	3=COBB
	4=GWINNETT
	5=CLAYTON
	6=CHEROKEE
	7=HALL
	8=BARROW

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	9=BARTOW
	10=CARROLL
	11=COWETA
	12=DOUGLAS
	13=FAYETTE
	14=FORSYTH
	15=HENRY
	16=NEWTON
	17=PAULDING
	18=ROCKDALE
	19=SPALDING
	20=WALTON
	21=OTHER
home_zip	home zip code
	Code Value 99999 = Not Provided
origin_taz	TAZ for the ORIGIN
destination_taz	TAZ for th DESTINATION
home_taz	TAZ for the HOME
boarding_taz	TAZ for the boarding location
alight_taz	TAZ for the alighting location
transit_op	Transit Operator
trip_purpose	Transit Purpose Code
BUS_Transfers_reported	Number of bus transfers reported by the respondent
RAIL_Transfers_reported	Number of rail transfers reported by the respondent (transfers at five points, ashby, and lindbergh were not reported)
Total_Reported_Transfers	Total number of transfers reported by the respondent
UNREPORTED_Rail_Transfers	Number of unreported RAIL transfers at five points, ashby, and lindbergh
TOTAL_TRANSFERS	Total number of transfers (reported and unreported)
survey_od_dist	Distance from the origin to the destination in miles
qc_flag	Quality control flag
	1=Meets contractual requirements AND passed all QA/QC checks
	2=Meets contractual requirements, had minor deficiencies in the QA/QC tests, but the record I generally acceptable
	3=Met contractual completeness requirements but there were major errors in the reported data
Problem_Descrip	Description of the reason a record received a qc_flag of 2 or 3
Time_Period	Period of the day when survey was conducted
	A=AM Peak (6:00am-9:59am)
	P=PM Peak (3:00pm-6:59pm)
	N=Non Peak hours (all other hours)
Link_trp_WGT_FACTOR	Linked trip weighting factor (1/1+#reported transfers)
Unlinked_WGT_Factor_RAW	Weighting factor for UNLINKED trips
Unlinked_WGT_Factor_RAIL_Multiplier	Adjustment to expand the number of rail trips to the regional total; this factor accounts for cells that were not represented
Unlinked_WGT_Factor_ADJUSTED	This weighting factor will expand the database to the regional total
RAIL_BUS	Was this survey administered on a Train or Bus
	R=Rail (train)
	B=Bus
SUR_RTE_ALPHA	Name of the Station or the Transit Agency Code
SUR_RTE_NUM	Bus Route Number
RECORD_USE_CODE	Useability Code for the Survey Record
	1=Fully Usable, included in data expansion
	2=meets contractual requirements but was not used in data expansion for minor reasons
	3=Survey record was complete, but the data was generally not acceptabel, the data in this record has useful demographic data
	4=Record was not complete (missing income data, missing one or more addresses)
	5=Short Trip record that contains ON and OFF data

ARC On-BOARD SURVEY CODEBOOK

Field Name	Description and Codes
	6=Dummy records added to similate trips between rail stations that were not captured in the survey
FINAL_WGT_FACTOR_NAME	Unique Name for Data Expansion Purposes The first set of letters identy the route or rail station, the next letter identifies the boarding location, the next letter identifies the alighting location, the last letter identifies the time of day
id_aok_new	Unique ID number