

Appendix C

Bicycling and Walking Demand Support
Materials

Appendix C-1

Demand Source Data Table Key

Table 1 - Summary of Inputs into Draft Existing User Demand Estimates

Attribute Name	Source or Methodology	Description
Community Plan Area	<i>SANDAG</i>	Community Planning Areas (CPA) represent the boundaries of the county’s jurisdictions. The collected data was organized to represent the attributes of the CPAs in San Diego County.
CPA Population	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	This attribute gives the ATP the ability to analyze the population the population in each CPA. The population of each the CPAs was obtained from SANDAG. SANDAG recoded 2010 American Community Survey (ACS) population data to align with the CPA boundaries.
Total Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that utilize active transportation. The total number of commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) commuter data to align with the CPA boundaries.
Total Public Transportation Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze the utilization of public transportation in each CPA. The total number of public transportation commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) public transportation commuter data to align with the CPA boundaries.
Bicycle Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze the number of residents who commute with bicycles. The total number of bicycle commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) bicycle commuter data to align with the CPA boundaries.
Bus Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze the utilization of buses in each CPA. The total number of bus commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) bus commuter data to align with the CPA boundaries.

Attribute Name	Source or Methodology	Description
Car, Truck, Van Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that drive. The total number of car, truck, and van commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) car, truck, and van commuter data to align with the CPA boundaries.
Carpool Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that carpool. The total number of carpool commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) carpool commuter data to align with the CPA boundaries.
Drove Alone Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that drive alone. The total number of drove alone commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) drove alone commuter data to align with the CPA boundaries.
Motorcycle Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that utilize motorcycles. The total number of motorcycle commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) motorcycle commuter data to align with the CPA boundaries.
Other Means Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that use other means to travel to work. The total number of other means commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) other means commuter data to align with the CPA boundaries.
Other Means - Public Transportation Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that use other means of public transportation to travel to work. The total number of other means of public transportation commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) other means of public transportation commuter data to align with the CPA boundaries.

Attribute Name	Source or Methodology	Description
Railroad Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that use trains to travel to work. The total number of railroad commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) railroad commuter data to align with the CPA boundaries.
Trolley Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that use the trolley to travel to work. The total number of trolley commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) streetcar or trolley commuter data to align with the CPA boundaries.
Walking Commuters	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters that walk to work. The total number of walking commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) walking commuter data to align with the CPA boundaries.
Work from Home Commuters Total	<i>Taken from ACS</i>	This attribute gives the ATP the ability to analyze commuters who work at home. The total number of work from home commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) work from home commuter data to align with the CPA boundaries.
Walk Commute Percentage	<i>Calculated by Walking Commuters/Total All Commuters</i>	This percentage indicates to what degree commuters are walking to work. The mode share or percentage of commuters that walk was generated by dividing the number of walking commuters by the total number of commuters in each CPA.
Bike Commute Percentage	<i>Calculated by Bicycle Commuters/Total All Commuters</i>	This percentage indicates to what degree commuters are bicycling to work. The mode share or percentage of commuters that bike was generated by dividing the number of bicycle commuters by the total number of commuters in each CPA.

Attribute Name	Source or Methodology	Description
Total Non-motorized Commuters	<i>Calculated by Walking Commuters+ Bicycle Commuters</i>	This total indicates to how many commuters are not using a motorized means of commuting to work. The total number of non-motorized commuters in each of the CPAs was generated by combining the total number of bicycle and walking commuters in each CPA.
Percent Non-Motorized Commuters	<i>Calculated by Non-motorized Commuters/Total All Commuters</i>	This percentage indicates to what degree commuters are walking and biking to work. The mode share or percentage of commuters that utilize non-motorized means of transportation was generated by dividing the number of non-motorized commuters by the total number of commuters in each CPA.
Estimated Work-at-Home Bicycle "commuters"	<i>Calculated by assuming 15% of work at home commuters make at least one biking trip</i>	This attribute gives the ATP the ability to analyze an estimated number of bicyclists because those commuters that work at home do not record commute information in the census. The estimated work-at-home bicycle commuters was generated by assuming that 15 percent of at home commuters make at least one biking trip per day and multiplying .15 with the total number of work-at-home commuters.
Estimated Work-at-Home Walking Trips	<i>Calculated by assuming 50% of work at home commuters make at least one walking trip</i>	This attribute gives the ATP the ability to analyze an estimated number of residents that walk because those commuters that work at home do not record commute information in the census. The estimated work-at-home walking commuters was generated by assuming that 50 percent of at home commuters make at least one biking trip per day and multiplying .5 with the total number of work-at-home commuters.
Transit to Work Mode Share	<i>Calculated by Total Public Transportation Commuters/ Total All Commuters</i>	This percentage indicates to what degree commuters are taking transit to work. The mode share or percentage of commuters that utilize transit to work was generated by dividing the total number of public transportation commuters by the total number of commuters in each CPA.

Attribute Name	Source or Methodology	Description
Estimated Transit Bicycle Commuters	<i>Calculated by assuming 10% of transit users bike to transit (rail, trolley, bus)</i>	This attribute gives the ATP the ability to analyze an estimated number of transit users that bike because transit commuters that do not record travel to transit information in the census. The estimated number of transit bicycle commuters was produced by assuming that 10 percent of transit commuters bike to or from transit. The estimate was generated by multiplying .1 with the total number of public transportation commuters.
Estimated Transit Walking Commuters	<i>Calculated by assuming 85% of transit users bike to transit (rail, trolley, bus)</i>	This attribute gives the ATP the ability to analyze an estimated number of transit users that walk because transit commuters do not record travel to transit information in the census. The estimated number of transit walking commuters was produced by assuming that 85 percent of transit commuters walk to or from transit. The estimate was generated by multiplying .85 with the total number of public transportation commuters.
School Children (Grades K-8)	<i>Taken from SANDAG Data Surfer 2010, Census, CPA level¹</i>	Gathering information on school aged children is important to the ATP because students commute to school and that information is not recorded in the census. The total number of school aged children (K-8) in each of the CPAs was produced using 2010 ACS data that was recoded to the CPA level by SANDAG on SANDAG's Data Surfer website. The total number was generated by adding the total number of children aged 5-9 and aged 10-14.
Estimated Bicycle Mode Share for School Children	<i>Taken from National Safe Routes to School Survey, 2010²</i>	This percentage is important to the ATP because it can provide an estimated total number of students that bike to school. The estimated bicycle mode share for school age children was taken from a 2010 National Safe Routes to School study.
Estimated Walking Mode Share for School Children	<i>Taken from National Safe Routes to School Survey, 2010³</i>	This percentage is important to the ATP because it can provide an estimated total number of students that walk to school. The estimated walking mode share for school age children was taken from a 2010 National Safe Routes to School study.

¹ SANDAG Data Surfer, <http://datasurfer.sandag.org/>

² National Safe Routes to School Survey, 2010, http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf

³ National Safe Routes to School Survey, et al.

Attribute Name	Source or Methodology	Description
Estimated School Bicycle Commuters	<i>Calculated by Estimated Bicycle Mode Share for School Children x School Children</i>	This attribute gives the ATP the ability to analyze an estimated number of students that bike because student bicycle commuters are not included in the census. The estimated number of school children biking to school was generated by multiplying the estimated bicycle mode share for school children by the total number of school children in each CPA.
Estimated School Walking Commuters	<i>Calculated by Estimated Walking Mode Share for School Children x School Children</i>	This attribute gives the ATP the ability to analyze an estimated number of students that walk because student walking commuters are not included in the census. The estimated number of school children walking to school was generated by multiplying the estimated walking mode share for school children by the total number of school children in each CPA.
Adjusted Current Estimated Total Number of Daily Bicycle Commuters	<i>Calculated by Bicycle Commuters + Estimated School Bicycle Commuters + Estimated Transit Bicycle Commuters + Estimated Work at Home Bicycle Commuter</i>	This attribute gives the ATP the ability to analyze an estimated total number of bicycle commuters because some bicycle commuters are not included in the census. The adjusted current estimated total number of daily bicycle commuters was generated by summing the number of bicycle commuters, the estimated number of school children bicycle commuters, the estimated number of transit bicycle commuters, and the estimated number of work at home bicycle commuters in each CPA.
Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	<i>Calculated by assuming Total Bicycle Commuters x2 (for round trips)</i>	This attribute gives the ATP the ability to analyze an estimated total number of bicycle trips instead of just the number of commuters. The adjusted current estimated total daily bicycle trips (weekday) was produced by assuming that the number of adjusted current estimated total number of daily bicycle commuters is doubled to represent the round trip to and from work.

Attribute Name	Source or Methodology	Description
Adjusted Current Estimated Total Number of Daily Walking Commuters	<i>Calculated by Walking Commuters + Estimated School Walking Commuters + Estimated Transit Walking Commuters + Estimated Work at Home Walking Commuters</i>	This attribute gives the ATP the ability to analyze an estimated total number of walking commuters because some walking commuters are not included in the census. The adjusted current estimated total number of daily walking commuters was generated by summing the number of walking commuters, the estimated number of school children walking commuters, the estimated number of transit walking commuters, and the estimated number of work at home walking commuters in each CPA.
Adjusted Current Estimated Total Daily Walking Trips (weekday)	<i>Calculated by assuming Total Walking Commuters x2 (for round trips)</i>	This attribute gives the ATP the ability to analyze an estimated total number of walking trips instead of just the number of commuters. The adjusted current estimated total daily walking trips (weekday) was produced by assuming that the number of adjusted current estimated total number of daily walking commuters is doubled to represent the round trip to and from work.

Appendix C-2

Current Demand Source Data Table

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Daily Walking Trips (weekday)	Total Commuters	Total Public Transportation Commuters	Bicycle Commuters	Bus Commuters	Car, Truck, Van Commuters
		<i>See detail at right</i>	<i>See detail at right</i>	ACS	ACS	ACS	ACS	ACS
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>								
Alpine	17,734	324	1,825	16,176	128	0	128	7,549
Barona	546	8	45	405	0	0	0	191
Bonsall	16,249	223	1,203	8,768	23	0	4	3,998
Central Mountain	4,858	55	293	4,393	0	0	0	2,132
County Islands	2,178	64	283	1,514	58	15	58	659
Crest-Dehesa	10,048	139	837	9,168	1	0	1	4,382
Desert	5,251	141	426	3,663	0	36	0	1,687
Fallbrook	43,148	807	4,173	36,402	198	62	103	16,989
Jamul-Dulzura	10,943	157	802	8,481	0	15	0	4,045
Julian	3,194	81	480	2,397	0	0	0	1,041
Lakeside	78,057	1,066	6,279	67,278	808	43	714	31,771
Mountain Empire	7,530	81	919	6,651	77	0	75	3,050
North County Metro	49,660	708	3,433	37,235	239	28	192	17,511
North Mountain	3,270	28	281	1,848	0	0	0	831
Otay	7,448	17	124	3,208	0	0	0	1,604
Pala-Pauma	6,676	125	851	4,974	6	0	0	2,270
Pendleton-De Luz	36,739	1,049	17,851	39,560	101	56	101	14,618
Rainbow	2,230	24	162	1,464	0	0	0	687
Ramona	40,261	811	3,395	32,054	47	125	47	15,093
San Dieguito	23,210	695	3,134	24,952	135	30	48	11,537
Spring Valley	62,958	832	5,794	54,814	760	1	723	25,768
Sweetwater	13,979	127	812	11,863	97	2	94	5,696
Valle De Oro	43,851	661	3,175	38,784	141	33	129	18,471
Valley Center	20,757	326	1,875	16,380	54	0	29	7,664

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Daily Walking Trips (weekday)	Carpool Commuters	Drove Alone Commuters	Motorcycle Commuters	Other Means Commuters	Other Means - Public Transportation Commuters
		<i>See detail at right</i>	<i>See detail at right</i>	ACS	ACS	ACS	ACS	ACS
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>								
Alpine	17,734	324	1,825	948	6,601	11	0	0
Barona	546	8	45	18	173	0	5	0
Bonsall	16,249	223	1,203	309	3,689	7	25	0
Central Mountain	4,858	55	293	348	1,784	0	1	0
County Islands	2,178	64	283	122	537	0	16	0
Crest-Dehesa	10,048	139	837	416	3,966	6	1	0
Desert	5,251	141	426	229	1,458	0	11	0
Fallbrook	43,148	807	4,173	2,774	14,215	54	92	10
Jamul-Dulzura	10,943	157	802	522	3,523	11	0	0
Julian	3,194	81	480	71	970	0	0	0
Lakeside	78,057	1,066	6,279	3,451	28,320	162	165	0
Mountain Empire	7,530	81	919	343	2,707	40	45	0
North County Metro	49,660	708	3,433	1,898	15,613	73	153	9
North Mountain	3,270	28	281	99	732	2	53	0
Otay	7,448	17	124	0	1,604	0	0	0
Pala-Pauma	6,676	125	851	221	2,049	0	0	0
Pendleton-De Luz	36,739	1,049	17,851	3,505	11,113	255	276	0
Rainbow	2,230	24	162	90	597	1	4	0
Ramona	40,261	811	3,395	2,007	13,086	73	54	0
San Dieguito	23,210	695	3,134	784	10,753	1	132	38
Spring Valley	62,958	832	5,794	2,688	23,080	176	195	7
Sweetwater	13,979	127	812	615	5,081	33	56	0
Valle De Oro	43,851	661	3,175	2,036	16,435	46	108	0
Valley Center	20,757	326	1,875	823	6,841	36	0	0

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Daily Walking Trips (weekday)	Railroad Commuters	Trolley Commuters	Walking Commuters	Work from Home Commuters Total	Total All Commuters (for calcs)
		<i>See detail at right</i>	<i>See detail at right</i>	ACS	ACS	ACS	ACS	ACS
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>								
Alpine	17,734	324	1,825	0	0	124	687	16,048
Barona	546	8	45	0	0	3	15	405
Bonsall	16,249	223	1,203	19	0	134	560	8,745
Central Mountain	4,858	55	293	0	0	15	113	4,393
County Islands	2,178	64	283	0	0	26	23	1,456
Crest-Dehesa	10,048	139	837	0	0	93	302	9,167
Desert	5,251	141	426	0	0	66	176	3,663
Fallbrook	43,148	807	4,173	66	19	456	1,364	36,204
Jamul-Dulzura	10,943	157	802	0	0	97	268	8,481
Julian	3,194	81	480	0	0	84	231	2,397
Lakeside	78,057	1,066	6,279	69	25	367	1,383	66,470
Mountain Empire	7,530	81	919	0	2	215	97	6,574
North County Metro	49,660	708	3,433	38	0	145	1,336	36,996
North Mountain	3,270	28	281	0	0	73	58	1,848
Otay	7,448	17	124	0	0	0	0	3,208
Pala-Pauma	6,676	125	851	6	0	140	282	4,968
Pendleton-De Luz	36,739	1,049	17,851	0	0	7,003	2,532	39,459
Rainbow	2,230	24	162	0	0	28	57	1,464
Ramona	40,261	811	3,395	0	0	347	1,175	32,007
San Dieguito	23,210	695	3,134	49	0	105	1,340	24,817
Spring Valley	62,958	832	5,794	0	30	401	985	54,054
Sweetwater	13,979	127	812	0	3	37	149	11,766
Valle De Oro	43,851	661	3,175	0	12	143	1,230	38,643
Valley Center	20,757	326	1,875	25	0	189	719	16,326

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Curent Estimated Total Daily Bicycle Trips (weekday)	Adjusted Curent Estimated Total Daily Walking Trips (weekday)	Walk Commute Percentage	Bike Commute Percentatge	Total Non-motorized Commuters	Percent Non-Motorized Commuters	Estimated Work-at- Home Bicycle "commuters"
		<i>See detail at right</i>	<i>See detail at right</i>	<i>Walking Commuters/Total All Commuters</i>	<i>Bicycle Commuters/Total All Commuters</i>	<i>Walking Commuters+ Bicycle Commuters</i>	<i>Non-motorized Commuters/Total All Commuters</i>	<i>Assumes 15% of work at home commuters make at least one biking trip</i>
		<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>						
Alpine	17,734	324	1,825	0.8%	0.0%	124	0.8%	103
Barona	546	8	45	0.7%	0.0%	3	0.7%	2
Bonsall	16,249	223	1,203	1.5%	0.0%	134	1.5%	84
Central Mountain	4,858	55	293	0.3%	0.0%	15	0.3%	17
County Islands	2,178	64	283	1.8%	1.0%	41	2.8%	3
Crest-Dehesa	10,048	139	837	1.0%	0.0%	93	1.0%	45
Desert	5,251	141	426	1.8%	1.0%	102	2.8%	26
Fallbrook	43,148	807	4,173	1.3%	0.2%	518	1.4%	205
Jamul-Dulzura	10,943	157	802	1.1%	0.2%	112	1.3%	40
Julian	3,194	81	480	3.5%	0.0%	84	3.5%	35
Lakeside	78,057	1,066	6,279	0.6%	0.1%	410	0.6%	207
Mountain Empire	7,530	81	919	3.3%	0.0%	215	3.3%	15
North County Metro	49,660	708	3,433	0.4%	0.1%	173	0.5%	200
North Mountain	3,270	28	281	4.0%	0.0%	73	4.0%	9
Otay	7,448	17	124	0.0%	0.0%	0	0.0%	0
Pala-Pauma	6,676	125	851	2.8%	0.0%	140	2.8%	42
Pendleton-De Luz	36,739	1,049	17,851	17.7%	0.1%	7,059	17.9%	380
Rainbow	2,230	24	162	1.9%	0.0%	28	1.9%	9
Ramona	40,261	811	3,395	1.1%	0.4%	472	1.5%	176
San Dieguito	23,210	695	3,134	0.4%	0.1%	135	0.5%	201
Spring Valley	62,958	832	5,794	0.7%	0.0%	402	0.7%	148
Sweetwater	13,979	127	812	0.3%	0.0%	39	0.3%	22
Valle De Oro	43,851	661	3,175	0.4%	0.1%	176	0.5%	185
Valley Center	20,757	326	1,875	1.2%	0.0%	189	1.2%	108

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Curent Estimated Total Daily Bicycle Trips (weekday)	Adjusted Curent Estimated Total Daily Walking Trips (weekday)	Estimated Work-at- Home Walking Trips	Transit to Work Mode Share	Estimated Transit Bicycle Commuters	Estimated Transit Walking Commuters	School Children (Grades K-8)
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>		<i>See detail at right</i>	<i>See detail at right</i>	<i>Assumes 50% of work at home commuters make at least one walking trip</i>	<i>Total Public Transportation Commuters/ Total All Commuters</i>	<i>Assumes 10% of transit users bike to transit (rail, trolley, bus)</i>	<i>Assumes 85% of transit users bike to transit (rail, trolley, bus)</i>	<i>SANDAG DataSurfer 2010, Census, CPA level (http://datasurfer.sandag.org/)</i>
Alpine	17,734	324	1,825	344	0.8%	13	109	2,318
Barona	546	8	45	8	0.0%	0	0	83
Bonsall	16,249	223	1,203	280	0.3%	4	20	1,157
Central Mountain	4,858	55	293	57	0.0%	0	0	516
County Islands	2,178	64	283	12	4.0%	6	49	378
Crest-Dehesa	10,048	139	837	151	0.0%	0	1	1,199
Desert	5,251	141	426	88	0.0%	0	0	407
Fallbrook	43,148	807	4,173	682	0.5%	28	160	5,441
Jamul-Dulzura	10,943	157	802	134	0.0%	0	0	1,173
Julian	3,194	81	480	116	0.0%	0	0	281
Lakeside	78,057	1,066	6,279	692	1.2%	90	687	9,616
Mountain Empire	7,530	81	919	49	1.2%	8	65	899
North County Metro	49,660	708	3,433	668	0.6%	28	196	4,883
North Mountain	3,270	28	281	29	0.0%	0	0	265
Otay	7,448	17	124	0	0.0%	0	0	426
Pala-Pauma	6,676	125	851	141	0.1%	1	5	960
Pendleton-De Luz	36,739	1,049	17,851	1266	0.3%	10	86	3,935
Rainbow	2,230	24	162	29	0.0%	0	0	169
Ramona	40,261	811	3,395	588	0.1%	5	40	4,988
San Dieguito	23,210	695	3,134	670	0.5%	18	82	4,895
Spring Valley	62,958	832	5,794	493	1.4%	79	640	9,404
Sweetwater	13,979	127	812	75	0.8%	10	82	1,463
Valle De Oro	43,851	661	3,175	615	0.4%	15	120	4,893
Valley Center	20,757	326	1,875	360	0.3%	8	46	2,367

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Daily Walking Trips (weekday)	Estimated Bicycle Mode Share for School Children	Estimated Walking Mode Share for School Children	Estimated School Bicycle Commuters	Estimated School Walking Commuters	Adjusted Current Estimated Total Number of Daily Bicycle Commuters
		<i>See detail at right</i>	<i>See detail at right</i>	<i>National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)</i>	<i>National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)</i>	<i>Estimated Bicycle Mode Share for School Children</i>	<i>Estimated Walking Mode Share for School Children</i>	<i>Bicycle Commuters + Estimated School Bicycle Commuters + Estimated Transit Bicycle Commuters+ Estimated Work at Home Bicycle Commuter</i>
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>								
Alpine	17,734	324	1,825	2.0%	14.5%	46	336	162
Barona	546	8	45	2.0%	14.5%	2	12	4
Bonsall	16,249	223	1,203	2.0%	14.5%	23	168	111
Central Mountain	4,858	55	293	2.0%	14.5%	10	75	27
County Islands	2,178	64	283	2.0%	14.5%	8	55	32
Crest-Dehesa	10,048	139	837	2.0%	14.5%	24	174	69
Desert	5,251	141	426	2.0%	14.5%	8	59	71
Fallbrook	43,148	807	4,173	2.0%	14.5%	109	789	404
Jamul-Dulzura	10,943	157	802	2.0%	14.5%	23	170	79
Julian	3,194	81	480	2.0%	14.5%	6	41	40
Lakeside	78,057	1,066	6,279	2.0%	14.5%	192	1394	533
Mountain Empire	7,530	81	919	2.0%	14.5%	18	130	40
North County Metro	49,660	708	3,433	2.0%	14.5%	98	708	354
North Mountain	3,270	28	281	2.0%	14.5%	5	38	14
Otay	7,448	17	124	2.0%	14.5%	9	62	9
Pala-Pauma	6,676	125	851	2.0%	14.5%	19	139	63
Pendleton-De Luz	36,739	1,049	17,851	2.0%	14.5%	79	571	525
Rainbow	2,230	24	162	2.0%	14.5%	3	25	12
Ramona	40,261	811	3,395	2.0%	14.5%	100	723	406
San Dieguito	23,210	695	3,134	2.0%	14.5%	98	710	347
Spring Valley	62,958	832	5,794	2.0%	14.5%	188	1364	416
Sweetwater	13,979	127	812	2.0%	14.5%	29	212	64
Valle De Oro	43,851	661	3,175	2.0%	14.5%	98	709	331
Valley Center	20,757	326	1,875	2.0%	14.5%	47	343	163

Current Demand Source Data Table

Community Plan Area	CPA Population	Adjusted Curent Estimated Total Daily Bicycle Trips (weekday)	Adjusted Curent Estimated Total Daily Walking Trips (weekday)	Adjusted Curent Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Number of Daily Walking Commuters	Adjusted Curent Estimated Total Daily Walking Trips (weekday)
<i>Source SANDAG-recoded or American Community Methodology: Survey Estimates (ACS)</i>		<i>See detail at right</i>	<i>See detail at right</i>	<i>Assumes Total Bicycle Commuters x2 (for round trips)</i>	<i>Walking Commuters + Estimated School Walking Commuters + Estimated Transit Walking Commuters+ Estimated Work at Home Walking Commuters</i>	<i>Assumes Total Walking Commuters x2 (for round trips)</i>
Alpine	17,734	324	1,825	324	912	1,825
Barona	546	8	45	8	23	45
Bonsall	16,249	223	1,203	223	601	1,203
Central Mountain	4,858	55	293	55	146	293
County Islands	2,178	64	283	64	142	283
Crest-Dehesa	10,048	139	837	139	419	837
Desert	5,251	141	426	141	213	426
Fallbrook	43,148	807	4,173	807	2,087	4,173
Jamul-Dulzura	10,943	157	802	157	401	802
Julian	3,194	81	480	81	240	480
Lakeside	78,057	1,066	6,279	1,066	3,140	6,279
Mountain Empire	7,530	81	919	81	459	919
North County Metro	49,660	708	3,433	708	1,717	3,433
North Mountain	3,270	28	281	28	140	281
Otay	7,448	17	124	17	62	124
Pala-Pauma	6,676	125	851	125	425	851
Pendleton-De Luz	36,739	1,049	17,851	1,049	8,925	17,851
Rainbow	2,230	24	162	24	81	162
Ramona	40,261	811	3,395	811	1,698	3,395
San Dieguito	23,210	695	3,134	695	1,567	3,134
Spring Valley	62,958	832	5,794	832	2,897	5,794
Sweetwater	13,979	127	812	127	406	812
Valle De Oro	43,851	661	3,175	661	1,587	3,175
Valley Center	20,757	326	1,875	326	938	1,875

Appendix C-3

Future Demand Source Data Table

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate <i>(97.60% of 2010 ACS Estimates)</i>	2030 Population Estimate <i>(110.58% of 2010 ACS Estimates)</i>	2040 Population Estimate <i>(117.62% of 2010 ACS Estimates)</i>	2050 Population Estimate <i>(123.36% of 2010 ACS Estimates)</i>	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday)	Combined Current Daily Bicycle Trips and Daily Walking Trips - (Weekday, Current Estimate)
	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>Daily Bicycle Trips + Daily Walking Trips</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,149
Barona	546	533	604	642	674	8	45	53
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,425
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	347
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	347
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	976
Desert	5,251	5,125	5,807	6,176	6,478	141	426	567
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	4,981
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	959
Julian	3,194	3,117	3,532	3,757	3,940	81	480	561
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	7,345
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	999
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,141
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	309
Otay	7,448	7,269	8,236	8,760	9,188	17	124	141
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	976
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	18,900
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	186
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	4,207
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,829
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	6,626
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	939
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,836
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,201
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	67,001

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2020 Estimated Total Daily Bicycle Trips (weekday, no-build)
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Bicycle Trips * 2020 Growth Factor (0.9760)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	317
Barona	546	533	604	642	674	8	45	8
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	217
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	53
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	62
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	135
Desert	5,251	5,125	5,807	6,176	6,478	141	426	138
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	788
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	154
Julian	3,194	3,117	3,532	3,757	3,940	81	480	79
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	1,040
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	79
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	691
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	27
Otay	7,448	7,269	8,236	8,760	9,188	17	124	17
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	122
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	1,024
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	23
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	792
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	678
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	812
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	124
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	645
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	318
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	8,343

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2020 Estimated Total Daily Walking Trips (weekday, no-build) 2020
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Walking Trips * 2020 Growth Factor (0.9760)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	1,781
Barona	546	533	604	642	674	8	45	44
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,174
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	286
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	276
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	817
Desert	5,251	5,125	5,807	6,176	6,478	141	426	416
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	4,073
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	783
Julian	3,194	3,117	3,532	3,757	3,940	81	480	469
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	6,129
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	897
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	3,351
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	274
Otay	7,448	7,269	8,236	8,760	9,188	17	124	121
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	830
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	17,422
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	158
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	3,314
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,059
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	5,655
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	793
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,098
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	1,830
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	57,050

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	Combined 2020 Daily Bicycle Trips and Daily Walking Trips - (Weekday, Current Estimate)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	See detail hidden at right	See detail hidden at right	Daily Bicycle Trips + Daily Walking Trips
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,098
Barona	546	533	604	642	674	8	45	52
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,391
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	339
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	339
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	953
Desert	5,251	5,125	5,807	6,176	6,478	141	426	553
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	4,861
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	936
Julian	3,194	3,117	3,532	3,757	3,940	81	480	548
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	7,169
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	975
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,041
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	301
Otay	7,448	7,269	8,236	8,760	9,188	17	124	137
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	953
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	18,446
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	181
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	4,106
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,737
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	6,467
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	917
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,744
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,149
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	65,393

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2030 Estimated Total Daily Bicycle Trips (weekday, no-build)
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Bicycle Trips * 2030 Growth Factor (1.1058)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	359
Barona	546	533	604	642	674	8	45	9
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	246
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	60
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	70
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	153
Desert	5,251	5,125	5,807	6,176	6,478	141	426	156
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	893
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	174
Julian	3,194	3,117	3,532	3,757	3,940	81	480	89
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	1,179
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	89
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	782
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	31
Otay	7,448	7,269	8,236	8,760	9,188	17	124	19
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	139
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	1,160
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	26
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	897
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	768
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	920
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	141
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	731
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	361
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	9,453

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2030 Estimated Total Daily Walking Trips (weekday, no-build) 2030
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Walking Trips * 2030 Growth Factor (1.1058)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,018
Barona	546	533	604	642	674	8	45	50
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,330
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	324
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	313
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	926
Desert	5,251	5,125	5,807	6,176	6,478	141	426	471
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	4,615
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	887
Julian	3,194	3,117	3,532	3,757	3,940	81	480	531
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	6,944
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,016
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	3,796
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	311
Otay	7,448	7,269	8,236	8,760	9,188	17	124	137
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	941
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	19,739
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	179
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	3,755
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,466
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	6,407
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	898
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,511
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,074
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	64,637

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	Combined 2030 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	See detail hidden at right	See detail hidden at right	Daily Bicycle Trips + Daily Walking Trips
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,377
Barona	546	533	604	642	674	8	45	58
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,576
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	384
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	384
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	1,079
Desert	5,251	5,125	5,807	6,176	6,478	141	426	627
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	5,508
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	1,061
Julian	3,194	3,117	3,532	3,757	3,940	81	480	620
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	8,122
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,105
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,579
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	342
Otay	7,448	7,269	8,236	8,760	9,188	17	124	155
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	1,079
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	20,900
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	206
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	4,652
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	4,234
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	7,327
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	1,039
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	4,242
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,434
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	74,090

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2040 Estimated Total Daily Bicycle Trips (weekday, no-build)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	See detail hidden at right	See detail hidden at right	2010 Estimated Daily Bicycle Trips * 2040 Growth Factor (1.1762)
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	382
Barona	546	533	604	642	674	8	45	9
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	262
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	64
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	75
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	163
Desert	5,251	5,125	5,807	6,176	6,478	141	426	166
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	950
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	185
Julian	3,194	3,117	3,532	3,757	3,940	81	480	95
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	1,254
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	95
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	832
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	33
Otay	7,448	7,269	8,236	8,760	9,188	17	124	20
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	147
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	1,234
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	28
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	954
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	817
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	978
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	150
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	778
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	384
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	10,055

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2040 Estimated Total Daily Walking Trips (weekday, no-build) 2040
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Walking Trips * 2040 Growth Factor (1.1762)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,146
Barona	546	533	604	642	674	8	45	53
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,415
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	344
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	333
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	985
Desert	5,251	5,125	5,807	6,176	6,478	141	426	501
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	4,909
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	944
Julian	3,194	3,117	3,532	3,757	3,940	81	480	565
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	7,386
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,080
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,038
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	330
Otay	7,448	7,269	8,236	8,760	9,188	17	124	145
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	1,000
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	20,996
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	191
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	3,994
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,687
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	6,815
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	955
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,734
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,206
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	68,752

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	Combined 2040 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	See detail hidden at right	See detail hidden at right	Daily Bicycle Trips + Daily Walking Trips
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,528
Barona	546	533	604	642	674	8	45	62
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,676
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	408
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	408
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	1,148
Desert	5,251	5,125	5,807	6,176	6,478	141	426	667
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	5,859
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	1,129
Julian	3,194	3,117	3,532	3,757	3,940	81	480	660
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	8,639
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,176
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,870
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	363
Otay	7,448	7,269	8,236	8,760	9,188	17	124	165
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	1,148
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	22,230
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	219
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	4,948
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	4,504
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	7,793
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	1,105
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	4,512
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,589
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	78,807

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2050 Estimated Total Daily Bicycle Trips (weekday, no-build)
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Bicycle Trips * 2050 Growth Factor (1.2336)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	400
Barona	546	533	604	642	674	8	45	10
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	275
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	67
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	78
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	171
Desert	5,251	5,125	5,807	6,176	6,478	141	426	174
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	996
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	194
Julian	3,194	3,117	3,532	3,757	3,940	81	480	99
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	1,315
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	100
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	873
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	35
Otay	7,448	7,269	8,236	8,760	9,188	17	124	21
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	155
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	1,294
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	29
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	1,001
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	857
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	1,026
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	157
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	816
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	402
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	10,545

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	2050 Estimated Total Daily Walking Trips (Weekday, no-build) 2050
Source and Methodology	<i>SANDAG-recoded American Community Survey Estimates (ACS)</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>County of San Diego Estimate/Share of Population by CPA</i>	<i>See detail hidden at right</i>	<i>See detail hidden at right</i>	<i>2010 Estimated Daily Walking Trips * 2050 Growth Factor (1.2336)</i>
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,251
Barona	546	533	604	642	674	8	45	56
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,484
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	361
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	349
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	1,033
Desert	5,251	5,125	5,807	6,176	6,478	141	426	526
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	5,148
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	990
Julian	3,194	3,117	3,532	3,757	3,940	81	480	593
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	7,746
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,133
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	4,235
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	346
Otay	7,448	7,269	8,236	8,760	9,188	17	124	152
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	1,049
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	22,021
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	200
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	4,189
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	3,867
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	7,148
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	1,002
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	3,916
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,313
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	72,108

Future Demand Source Data Table

Community Plan Area	CPA Population - 2010 Estimates	2020 Population Estimate (97.60% of 2010 ACS Estimates)	2030 Population Estimate (110.58% of 2010 ACS Estimates)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday) Current (from 2010 ACS)	Combined 2050 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	County of San Diego Estimate/Share of Population by CPA	See detail hidden at right	See detail hidden at right	Daily Bicycle Trips + Daily Walking Trips
Alpine	17,734	17,309	19,611	20,858	21,877	324	1,825	2,651
Barona	546	533	604	642	674	8	45	65
Bonsall	16,249	15,859	17,969	19,111	20,045	223	1,203	1,758
Central Mountain	4,858	4,742	5,372	5,714	5,993	55	293	428
County Islands	2,178	2,126	2,409	2,562	2,687	64	283	428
Crest-Dehesa	10,048	9,807	11,112	11,818	12,396	139	837	1,204
Desert	5,251	5,125	5,807	6,176	6,478	141	426	700
Fallbrook	43,148	42,114	47,716	50,749	53,229	807	4,173	6,144
Jamul-Dulzura	10,943	10,681	12,101	12,871	13,500	157	802	1,184
Julian	3,194	3,117	3,532	3,757	3,940	81	480	692
Lakeside	78,057	76,186	86,320	91,808	96,294	1,066	6,279	9,061
Mountain Empire	7,530	7,349	8,327	8,856	9,289	81	919	1,233
North County Metro	49,660	48,469	54,917	58,408	61,262	708	3,433	5,108
North Mountain	3,270	3,192	3,616	3,846	4,034	28	281	381
Otay	7,448	7,269	8,236	8,760	9,188	17	124	173
Pala-Pauma	6,676	6,516	7,383	7,852	8,236	125	851	1,204
Pendleton-De Luz	36,739	35,858	40,628	43,211	45,323	1,049	17,851	23,315
Rainbow	2,230	2,177	2,466	2,623	2,751	24	162	229
Ramona	40,261	39,296	44,523	47,353	49,667	811	3,395	5,190
San Dieguito	23,210	22,654	25,667	27,299	28,633	695	3,134	4,724
Spring Valley	62,958	61,449	69,623	74,049	77,667	832	5,794	8,174
Sweetwater	13,979	13,644	15,459	16,442	17,245	127	812	1,159
Valle De Oro	43,851	42,800	48,493	51,576	54,096	661	3,175	4,732
Valley Center	20,757	20,259	22,954	24,414	25,607	326	1,875	2,716
TOTALS	510,775	498,529	564,845	600,753	630,110	8,548	58,453	82,653

Appendix C-4

Future Adjusted Demand Source Data Table Key
and Data Table

Attribute Name	Source or Methodology	Description
Community Plan Area	SANDAG	Community Planning Areas (CPA) represent the boundaries of the county's jurisdictions. The collected data was organized to represent the attributes of the CPAs in San Diego County.
CPA Population	SANDAG-recoded American Community Survey Estimates (ACS)	This attribute gives the ATP the ability to analyze the population the population in each CPA. The population of each the CPAs was obtained from SANDAG. SANDAG recoded 2010 American Community Survey (ACS) population data to align with the CPA boundaries.
Total Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that utilize active transportation. The total number of commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) commuter data to align with the CPA boundaries.
Total Public Transportation Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze the utilization of public transportation in each CPA. The total number of public transportation commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) public transportation commuter data to align with the CPA boundaries.
Bicycle Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze the number of residents who commute with bicycles. The total number of bicycle commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) bicycle commuter data to align with the CPA boundaries.
Bus Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze the utilization of buses in each CPA. The total number of bus commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) bus commuter data to align with the CPA boundaries.
Car, Truck, Van Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that drive. The total number of car, truck, and van commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) car, truck, and van commuter data to align with the CPA boundaries.
Carpool Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that carpool. The total number of carpool commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) carpool commuter data to align with the CPA boundaries.
Drove Alone Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that drive alone. The total number of drove alone commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) drove alone commuter data to align with the CPA boundaries.
Motorcycle Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that utilize motorcycles. The total number of motorcycle commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) motorcycle commuter data to align with the CPA boundaries.
Other Means Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that use other means to travel to work. The total number of other means commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) other means commuter data to align with the CPA boundaries.
Other Means - Public Transportation Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that use other means of public transportation to travel to work. The total number of other means of public transportation commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) other means of public transportation commuter data to align with the CPA boundaries.
Railroad Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that use trains to travel to work. The total number of railroad commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) railroad commuter data to align with the CPA boundaries.
Trolley Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that use the trolley to travel to work. The total number of trolley commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) streetcar or trolley commuter data to align with the CPA boundaries.
Walking Commuters	Taken from ACS	This attribute gives the ATP the ability to analyze commuters that walk to work. The total number of walking commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) walking commuter data to align with the CPA boundaries.

Work from Home Commuters Total	Taken from ACS	This attribute gives the ATP the ability to analyze commuters who work at home. The total number of work from home commuters in each of the CPAs was obtained from the 2010 ACS. SANDAG recoded 2010 American Community Survey (ACS) work from home commuter data to align with the CPA boundaries.
Walk Commute Percentage	Calculated by Walking Commuters/Total All Commuters	This percentage indicates to what degree commuters are walking to work. The mode share or percentage of commuters that walk was generated by dividing the number of walking commuters by the total number of commuters in each CPA.
Bike Commute Percentage	Calculated by Bicycle Commuters/Total All Commuters	This percentage indicates to what degree commuters are bicycling to work. The mode share or percentage of commuters that bike was generated by dividing the number of bicycle commuters by the total number of commuters in each CPA.
Total Non-motorized Commuters	Calculated by Walking Commuters+ Bicycle Commuters	This total indicates to how many commuters are not using a motorized means of commuting to work. The total number of non-motorized commuters in each of the CPAs was generated by combining the total number of bicycle and walking commuters in each CPA.
Percent Non-Motorized Commuters	Calculated by Non-motorized Commuters/Total All Commuters	This percentage indicates to what degree commuters are walking and biking to work. The mode share or percentage of commuters that utilize non-motorized means of transportation was generated by dividing the number of non-motorized commuters by the total number of commuters in each CPA.
Estimated Work-at-Home Bicycle "commuters"	Calculated by assuming 15% of work at home commuters make at least one biking trip	This attribute gives the ATP the ability to analyze an estimated number of bicyclists because those commuters that work at home do not record commute information in the census. The estimated work-at-home bicycle commuters was generated by assuming that 15 percent of at home commuters make at least one biking trip per day and multiplying .15 with the total number of work-at-home commuters.
Estimated Work-at-Home Walking Trips	Calculated by assuming 50% of work at home commuters make at least one walking trip	This attribute gives the ATP the ability to analyze an estimated number of residents that walk because those commuters that work at home do not record commute information in the census. The estimated work-at-home walking commuters was generated by assuming that 50 percent of at home commuters make at least one biking trip per day and multiplying .5 with the total number of work-at-home commuters.
Transit to Work Mode Share	Calculated by Total Public Transportation Commuters/ Total All Commuters	This percentage indicates to what degree commuters are taking transit to work. The mode share or percentage of commuters that utilize transit to work was generated by dividing the total number of public transportation commuters by the total number of commuters in each CPA.
Estimated Transit Bicycle Commuters	Calculated by assuming 10% of transit users bike to transit (rail, trolley, bus)	This attribute gives the ATP the ability to analyze an estimated number of transit users that bike because transit commuters that do not record travel to transit information in the census. The estimated number of transit bicycle commuters was produced by assuming that 10 percent of transit commuters bike to or from transit. The estimate was generated by multiplying .1 with the total number of public transportation commuters.
Estimated Transit Walking Commuters	Calculated by assuming 85% of transit users bike to transit (rail, trolley, bus)	This attribute gives the ATP the ability to analyze an estimated number of transit users that walk because transit commuters do not record travel to transit information in the census. The estimated number of transit walking commuters was produced by assuming that 85 percent of transit commuters walk to or from transit. The estimate was generated by multiplying .85 with the total number of public transportation commuters.
School Children (Grades K-8)	Taken from SANDAG Data Surfer 2010, Census, CPA level[1]	Gathering information on school aged children is important to the ATP because students commute to school and that information is not recorded in the census. The total number of school aged children (K-8) in each of the CPAs was produced using 2010 ACS data that was recoded to the CPA level by SANDAG on SANDAG's Data Surfer website. The total number was generated by adding the total number of children aged 5-9 and aged 10-14.
Estimated Bicycle Mode Share for School Children	Taken from National Safe Routes to School Survey, 2010[2]	This percentage is important to the ATP because it can provide an estimated total number of students that bike to school. The estimated bicycle mode share for school age children was taken from a 2010 National Safe Routes to School study.

Estimated Walking Mode Share for School Children	Taken from National Safe Routes to School Survey, 2010 [3]	This percentage is important to the ATP because it can provide an estimated total number of students that walk to school. The estimated walking mode share for school age children was taken from a 2010 National Safe Routes to School study.
Estimated School Bicycle Commuters	Calculated by Estimated Bicycle Mode Share for School Children x School Children	This attribute gives the ATP the ability to analyze an estimated number of students that bike because student bicycle commuters are not included in the census. The estimated number of school children biking to school was generated by multiplying the estimated bicycle mode share for school children by the total number of school children in each CPA.
Estimated School Walking Commuters	Calculated by Estimated Walking Mode Share for School Children x School Children	This attribute gives the ATP the ability to analyze an estimated number of students that walk because student walking commuters are not included in the census. The estimated number of school children walking to school was generated by multiplying the estimated walking mode share for school children by the total number of school children in each CPA.
Adjusted Current Estimated Total Number of Daily Bicycle Commuters	Calculated by Bicycle Commuters + Estimated School Bicycle Commuters + Estimated Transit Bicycle Commuters + Estimated Work at Home Bicycle Commuter	This attribute gives the ATP the ability to analyze an estimated total number of bicycle commuters because some bicycle commuters are not included in the census. The adjusted current estimated total number of daily bicycle commuters was generated by summing the number of bicycle commuters, the estimated number of school children bicycle commuters, the estimated number of transit bicycle commuters, and the estimated number of work at home bicycle commuters in each CPA.
Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Calculated by assuming Total Bicycle Commuters x2 (for round trips)	This attribute gives the ATP the ability to analyze an estimated total number of bicycle trips instead of just the number of commuters. The adjusted current estimated total daily bicycle trips (weekday) was produced by assuming that the number of adjusted current estimated total number of daily bicycle commuters is doubled to represent the round trip to and from work.
Adjusted Current Estimated Total Number of Daily Walking Commuters	Calculated by Walking Commuters + Estimated School Walking Commuters + Estimated Transit Walking Commuters + Estimated Work at Home Walking Commuters	This attribute gives the ATP the ability to analyze an estimated total number of walking commuters because some walking commuters are not included in the census. The adjusted current estimated total number of daily walking commuters was generated by summing the number of walking commuters, the estimated number of school children walking commuters, the estimated number of transit walking commuters, and the estimated number of work at home walking commuters in each CPA.
Adjusted Current Estimated Total Daily Walking Trips (weekday)	Calculated by assuming Total Walking Commuters x2 (for round trips)	This attribute gives the ATP the ability to analyze an estimated total number of walking trips instead of just the number of commuters. The adjusted current estimated total daily walking trips (weekday) was produced by assuming that the number of adjusted current estimated total number of daily walking commuters is doubled to represent the round trip to and from work.

[1] SANDAG Data Surfer, <http://datasurfer.sandag.org/>

[2] National Safe Routes to School Survey, 2010, http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf

[3] National Safe Routes to School Survey, et al.

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Current Estimated Total Daily Bicycle Trips (weekday)	Current Estimated Total Daily Walking Trips (weekday)	Combined Daily Bicycle Trips and Daily Walking Trips (weekday)	Total Commuters	Total Public Transportation Commuters	Bicycle Commuters	Bus Commuters	Car, Truck, Van Commuters	Carpool Commuters	Drove Alone Commuters	Motorcycle Commuters	Other Means Commuters
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	See detail at right	See detail at right	See detail at right	ACS Report	ACS (Bus+Trolley+Railroad Commuters)	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report
Alpine	17,734	2,149	324	1,825	2,149	16,176	128	0	128	7,549	948	6,601	11	0
Barona*	546	53	8	45	53	405	0	0	0	191	18	173	0	5
Bonsall	16,249	1,425	223	1,203	1,425	8,768	23	0	4	3,998	309	3,689	7	25
Central Mountain	4,858	347	55	293	347	4,393	0	0	0	2,132	348	1,784	0	1
County Islands	2,178	347	64	283	347	1,514	58	15	58	659	122	537	0	16
Crest-Dehesa	10,048	976	139	837	976	9,168	1	0	1	4,382	416	3,966	6	1
Desert	5,251	567	141	426	567	3,663	0	36	0	1,687	229	1,458	0	11
Fallbrook	43,148	4,981	807	4,173	4,981	36,402	198	62	103	16,989	2,774	14,215	54	92
Jamul-Dulzura	10,943	959	157	802	959	8,481	0	15	0	4,045	522	3,523	11	0
Julian	3,194	561	81	480	561	2,397	0	0	0	1,041	71	970	0	0
Lakeside	78,057	7,345	1,066	6,279	7,345	67,278	808	43	714	31,771	3,451	28,320	162	165
Mountain Empire	7,530	999	81	919	999	6,651	77	0	75	3,050	343	2,707	40	45
North County Metro	49,660	4,141	708	3,433	4,141	37,235	239	28	192	17,511	1,898	15,613	73	153
North Mountain	3,270	309	28	281	309	1,848	0	0	0	831	99	732	2	53
Otay	7,448	141	17	124	141	3,208	0	0	0	1,604	0	1,604	0	0
Pala-Pauma	6,676	976	125	851	976	4,974	6	0	0	2,270	221	2,049	0	0
Pendleton-De Luz**	36,739	18,900	1,049	17,851	18,900	39,560	101	56	101	14,618	3,505	11,113	255	276
Rainbow	2,230	186	24	162	186	1,464	0	0	0	687	90	597	1	4
Ramona*	40,261	4,207	811	3,395	4,207	32,054	47	125	47	15,093	2,007	13,086	73	54
San Dieguito	23,210	3,829	695	3,134	3,829	24,952	135	30	48	11,537	784	10,753	1	132
Spring Valley	62,958	6,626	832	5,794	6,626	54,814	760	1	723	25,768	2,688	23,080	176	195
Sweetwater	13,979	939	127	812	939	11,863	97	2	94	5,696	615	5,081	33	56
Valley Center	20,757	2,201	127	812	939	11,863	97	2	94	5,696	615	5,081	33	56
Valle De Oro	43,851	3,836	661	3,175	3,836	38,784	141	33	129	18,471	2,036	16,435	46	108
TOTALS	510,775	67,001	125,454	75,345	65,393	427,915	2,916	448	2,511	197,276	24,109	173,167	984	1,448

* Note: Barona buildout estimates have been combined with Ramona buildout estimates at direction of County Staff

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was excluded except for the Pendleton segment because that was a Priority Project.

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Other Means - Public Transportation Commuters	Railroad Commuters	Trolley Commuters	Walking Commuters	Work from Home Commuters Total	Total All Commuters	Total Non-motorized Commuters	Estimated Work-at-Home Bicycle "commuters"	Estimated Work-at-Home Walking Trips	Estimated Transit Bicycle Commuters	Estimated Transit Walking Commuters	School Children (Grades K-8)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	Walking Commuters+ Bicycle Commuters	Assumes 15% of work at home commuters make at least one biking trip	Assumes 50% of work at home commuters make at least one walking trip	Assumes 10% of transit users bike to transit (rail, trolley, bus)	Assumes 85% of transit users walk to transit (rail, trolley, bus)	SANDAG DataSurfer 2010, Census, CPA level (http://datasurfer.sandag.org/)
Alpine	17,734	2,149	0	0	0	124	687	16,176	124	103	344	13	109	2,318
Barona*	546	53	0	0	0	3	15	405	3	2	8	0	0	83
Bonsall	16,249	1,425	0	19	0	134	560	8,745	134	84	280	4	20	1,157
Central Mountain	4,858	347	0	0	0	15	113	4,393	15	17	57	0	0	516
County Islands	2,178	347	0	0	0	26	23	1,456	41	3	12	6	49	378
Crest-Dehesa	10,048	976	0	0	0	93	302	9,167	93	45	151	0	1	1,199
Desert	5,251	567	0	0	0	66	176	3,663	102	26	88	0	0	407
Fallbrook	43,148	4,981	10	66	19	456	1,364	36,204	518	205	682	28	160	5,441
Jamul-Dulzura	10,943	959	0	0	0	97	268	8,481	112	40	134	0	0	1,173
Julian	3,194	561	0	0	0	84	231	2,397	84	35	116	0	0	281
Lakeside	78,057	7,345	0	69	25	367	1,383	66,470	410	207	692	90	687	9,616
Mountain Empire	7,530	999	0	0	2	215	97	6,574	215	15	49	8	65	899
North County Metro	49,660	4,141	9	38	0	145	1,336	36,996	173	200	668	28	196	4,883
North Mountain	3,270	309	0	0	0	73	58	1,848	73	9	29	0	0	265
Otay	7,448	141	0	0	0	0	0	3,208	0	0	0	0	0	426
Pala-Pauma	6,676	976	0	6	0	140	282	4,968	140	42	141	1	5	960
Pendleton-De Luz**	36,739	18,900	0	0	0	7,003	2,532	39,459	7,059	380	1,266	10	86	3,935
Rainbow	2,230	186	0	0	0	28	57	1,464	28	9	29	0	0	169
Ramona*	40,261	4,207	0	0	0	347	1,175	32,007	472	176	588	5	40	4,988
San Dieguito	23,210	3,829	38	49	0	105	1,340	24,817	135	201	670	18	82	4,895
Spring Valley	62,958	6,626	7	0	30	401	985	54,054	402	148	493	79	640	9,404
Sweetwater	13,979	939	0	0	3	37	149	11,766	39	22	75	10	82	1,463
Valley Center	20,757	2,201	0	0	3	37	149	11,766	39	22	75	10	82	1,463
Valle De Oro	43,851	3,836	0	0	12	143	1,230	38,643	176	185	615	15	120	4,893
TOTALS	510,775	67,001	64	247	94	10,139	14,512	425,127	10,587	2,177	7,256	326	2,424	61,212

* Note: Barona buildout estimates have been combined with Ramona buildout estimate

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Estimated Bicycle Mode Share for School Children	Estimated Walking Mode Share for School Children	Estimated School Bicycle Commuters	Estimated School Walking Commuters	Adjusted Current Estimated Total Number of Daily Bicycle Commuters	Adjusted Current Estimated Total Daily Bicycle Trips (weekday)	Adjusted Current Estimated Total Number of Daily Walking Commuters	Adjusted Current Estimated Total Daily Walking Trips (weekday)	2020 Population Estimate (97.60% of 2010 ACS Estimates)	Combined 2020 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	2030 Population Estimate (110.58% of 2010 ACS Estimates)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)	National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)	Estimated Bicycle Mode Share for School Children (2%) x School Children	Estimated Walking Mode Share for School Children (14.5%) x School Children	Bicycle Commuters + Estimated School Bicycle Commuters + Estimated Transit Bicycle Commuters+ Estimated Work at Home Bicycle Commuter	Assumes Total Bicycle Commuters x2 (for round trips)	Walking Commuters + Estimated School Walking Commuters + Estimated Transit Walking Commuters+ Estimated Work at Home Walking Commuters	Assumes Total Walking Commuters x2 (for round trips)	County of San Diego Estimate/Share of Population by CPA	2020 Combined Daily Walking and Biking Trips	County of San Diego Estimate/Share of Population by CPA
Alpine	17,734	2,149	2.0%	14.5%	46	336	162	324	912	1,825	17,309	2,098	19,611
Barona*	546	53	2.0%	14.5%	2	12	4	8	23	45	533	52	604
Bonsall	16,249	1,425	2.0%	14.5%	23	168	111	223	601	1,203	15,859	1,391	17,969
Central Mountain	4,858	347	2.0%	14.5%	10	75	27	55	146	293	4,742	339	5,372
County Islands	2,178	347	2.0%	14.5%	8	55	32	64	142	283	2,126	339	2,409
Crest-Dehesa	10,048	976	2.0%	14.5%	24	174	69	139	419	837	9,807	953	11,112
Desert	5,251	567	2.0%	14.5%	8	59	71	141	213	426	5,125	553	5,807
Fallbrook	43,148	4,981	2.0%	14.5%	109	789	404	807	2,087	4,173	42,114	4,861	47,716
Jamul-Dulzura	10,943	959	2.0%	14.5%	23	170	79	157	401	802	10,681	936	12,101
Julian	3,194	561	2.0%	14.5%	6	41	40	81	240	480	3,117	548	3,532
Lakeside	78,057	7,345	2.0%	14.5%	192	1,394	533	1,066	3,140	6,279	76,186	7,169	86,320
Mountain Empire	7,530	999	2.0%	14.5%	18	130	40	81	459	919	7,349	975	8,327
North County Metro	49,660	4,141	2.0%	14.5%	98	708	354	708	1,717	3,433	48,469	4,041	54,917
North Mountain	3,270	309	2.0%	14.5%	5	38	14	28	140	281	3,192	301	3,616
Otay	7,448	141	2.0%	14.5%	9	62	9	17	62	124	7,269	137	8,236
Pala-Pauma	6,676	976	2.0%	14.5%	19	139	63	125	425	851	6,516	953	7,383
Pendleton-De Luz**	36,739	18,900	2.0%	14.5%	79	571	525	1,049	8,925	17,851	35,858	18,446	40,628
Rainbow	2,230	186	2.0%	14.5%	3	25	12	24	81	162	2,177	181	2,466
Ramona*	40,261	4,207	2.0%	14.5%	100	723	406	811	1,698	3,395	39,296	4,106	44,523
San Dieguito	23,210	3,829	2.0%	14.5%	98	710	347	695	1,567	3,134	22,654	3,737	25,667
Spring Valley	62,958	6,626	2.0%	14.5%	188	1,364	416	832	2,897	5,794	61,449	6,467	69,623
Sweetwater	13,979	939	2.0%	14.5%	29	212	64	127	406	812	13,644	917	15,459
Valley Center	20,757	2,201	2.0%	14.5%	29	212	64	127	406	812	20,259	2,149	22,954
Valle De Oro	43,851	3,836	2.0%	14.5%	98	709	331	661	1,587	3,175	42,800	3,744	48,493
TOTALS	510,775	67,001	0	3	1,224	8,876	4,175	8,349	28,695	57,390	498,529	65,393	564,845

* Note: Barona buildout estimates have been combined with Ramona buildout estimate

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Combined 2030 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	2040 Population Estimate (117.62% of 2010 ACS Estimates)	Combined 2040 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	2050 Population Estimate (123.36% of 2010 ACS Estimates)	Combined 2050 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	Curent Estimated Total Daily Bicycle Trips (Weekday)	Curent Estimated Total Daily Walking Trips (Weekday)	Combined Current Daily Bicycle Trips and Daily Walking Trips - (Weekday, Current Estimate)	2020 Estimated Total Daily Bicycle Trips (weekday, no-build)	2020 Estimated Total Daily Walking Trips (weekday, no-build)	Combined 2020 Daily Bicycle Trips and Daily Walking Trips - (Weekday, Current Estimate)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	2030 Combined Daily Walking and Biking Trips	County of San Diego Estimate/Share of Population by CPA	2040 Combined Daily Walking and Biking Trips	County of San Diego Estimate/Share of Population by CPA	Daily Bicycle Trips + Daily Walking Trips	See detail at right	See detail at right	Daily Bicycle Trips + Daily Walking Trips	2010 Estimated Daily Bicycle Trips * 2020 Growth Factor (0.9760)	2010 Estimated Daily Walking Trips * 2020 Growth Factor (0.9760)	Daily Bicycle Trips + Daily Walking Trips
Alpine	17,734	2,149	2,377	20,858	2,528	21,877	2,651	324	1,825	2,149	317	1,781	2,098
Barona*	546	53	58	642	62	674	65	8	45	53	8	44	52
Bonsall	16,249	1,425	1,576	19,111	1,676	20,045	1,758	223	1,203	1,425	217	1,174	1,391
Central Mountain	4,858	347	384	5,714	408	5,993	428	55	293	347	53	286	339
County Islands	2,178	347	384	2,562	408	2,687	428	64	283	347	62	276	339
Crest-Dehesa	10,048	976	1,079	11,818	1,148	12,396	1,204	139	837	976	135	817	953
Desert	5,251	567	627	6,176	667	6,478	700	141	426	567	138	416	553
Fallbrook	43,148	4,981	5,508	50,749	5,859	53,229	6,144	807	4,173	4,981	788	4,073	4,861
Jamul-Dulzura	10,943	959	1,061	12,871	1,129	13,500	1,184	157	802	959	154	783	936
Julian	3,194	561	620	3,757	660	3,940	692	81	480	561	79	469	548
Lakeside	78,057	7,345	8,122	91,808	8,639	96,294	9,061	1,066	6,279	7,345	1,040	6,129	7,169
Mountain Empire	7,530	999	1,105	8,856	1,176	9,289	1,233	81	919	999	79	897	975
North County Metro	49,660	4,141	4,579	58,408	4,870	61,262	5,108	708	3,433	4,141	691	3,351	4,041
North Mountain	3,270	309	342	3,846	363	4,034	381	28	281	309	27	274	301
Otay	7,448	141	155	8,760	165	9,188	173	17	124	141	17	121	137
Pala-Pauma	6,676	976	1,079	7,852	1,148	8,236	1,204	125	851	976	122	830	953
Pendleton-De Luz**	36,739	18,900	20,900	43,211	22,230	45,323	23,315	1,049	17,851	18,900	1,024	17,422	18,446
Rainbow	2,230	186	206	2,623	219	2,751	229	24	162	186	23	158	181
Ramona*	40,261	4,207	4,652	47,353	4,948	49,667	5,190	811	3,395	4,207	792	3,314	4,106
San Dieguito	23,210	3,829	4,234	27,299	4,504	28,633	4,724	695	3,134	3,829	678	3,059	3,737
Spring Valley	62,958	6,626	7,327	74,049	7,793	77,667	8,174	832	5,794	6,626	812	5,655	6,467
Sweetwater	13,979	939	1,039	16,442	1,105	17,245	1,159	127	812	939	124	793	917
Valley Center	20,757	2,201	2,434	24,414	2,589	25,607	2,716	326	1,875	2,201	318	1,830	2,149
Valle De Oro	43,851	3,836	4,242	51,576	4,512	54,096	4,732	661	3,175	3,836	645	3,098	3,744
TOTALS	510,775	67,001	74,090	600,753	78,807	630,110	82,653	8,548	58,453	67,001	8,343	57,050	65,393

* Note: Barona buildout estimtates have been combined with Ramona buildout estimate

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	2030 Estimated Total Daily Bicycle Trips (weekday, no-build)	2030 Estimated Total Daily Walking Trips (weekday, no-build)	Combined 2030 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	2040 Estimated Total Daily Bicycle Trips (weekday, no-build)	2040 Estimated Total Daily Walking Trips (weekday, no-build)	Combined 2040 Daily Bicycle Trips and Daily Walking Trips - (Weekday, no-build)	2050 Estimated Total Daily Bicycle Trips (weekday, no-build)	2050 Estimated Total Daily Walking Trips (Weekday, no-build)	Walking and Biking Trips as a percent of the population (current)	Total Public Transportation Commuters	Bicycle Commuters	Bus Commuters
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	2010 Estimated Daily Bicycle Trips * 2030 Growth Factor (1.1058)	2010 Estimated Daily Walking Trips * 2030 Growth Factor (1.1058)	Daily Bicycle Trips + Daily Walking Trips	2010 Estimated Daily Bicycle Trips * 2040 Growth Factor (1.1762)	2010 Estimated Daily Walking Trips * 2040 Growth Factor (1.1762)	Daily Bicycle Trips + Daily Walking Trips	2010 Estimated Daily Bicycle Trips * 2050 Growth Factor (1.2336)	2010 Estimated Daily Walking Trips * 2050 Growth Factor (1.2336)	Combined Trips/Population	ACS (Bus+Trolley+Railroad Commuters)	ACS Report	ACS Report
Alpine	17,734	2,149	359	2,018	2,377	382	2,146	2,528	400	2,251	12.1%	128	0	128
Barona*	546	53	9	50	58	9	53	62	10	56	9.7%	0	0	0
Bonsall	16,249	1,425	246	1,330	1,576	262	1,415	1,676	275	1,484	8.8%	23	0	4
Central Mountain	4,858	347	60	324	384	64	344	408	67	361	7.1%	0	0	0
County Islands	2,178	347	70	313	384	75	333	408	78	349	15.9%	58	15	58
Crest-Dehesa	10,048	976	153	926	1,079	163	985	1,148	171	1,033	9.7%	1	0	1
Desert	5,251	567	156	471	627	166	501	667	174	526	10.8%	0	36	0
Fallbrook	43,148	4,981	893	4,615	5,508	950	4,909	5,859	996	5,148	11.5%	198	62	103
Jamul-Dulzura	10,943	959	174	887	1,061	185	944	1,129	194	990	8.8%	0	15	0
Julian	3,194	561	89	531	620	95	565	660	99	593	17.6%	0	0	0
Lakeside	78,057	7,345	1,179	6,944	8,122	1,254	7,386	8,639	1,315	7,746	9.4%	808	43	714
Mountain Empire	7,530	999	89	1,016	1,105	95	1,080	1,176	100	1,133	13.3%	77	0	75
North County Metro	49,660	4,141	782	3,796	4,579	832	4,038	4,870	873	4,235	8.3%	239	28	192
North Mountain	3,270	309	31	311	342	33	330	363	35	346	9.4%	0	0	0
Otay	7,448	141	19	137	155	20	145	165	21	152	1.9%	0	0	0
Pala-Pauma	6,676	976	139	941	1,079	147	1,000	1,148	155	1,049	14.6%	6	0	0
Pendleton-De Luz**	36,739	18,900	1,160	19,739	20,900	1,234	20,996	22,230	1,294	22,021	51.4%	101	56	101
Rainbow	2,230	186	26	179	206	28	191	219	29	200	8.3%	0	0	0
Ramona*	40,261	4,207	897	3,755	4,652	954	3,994	4,948	1,001	4,189	10.4%	47	125	47
San Dieguito	23,210	3,829	768	3,466	4,234	817	3,687	4,504	857	3,867	16.5%	135	30	48
Spring Valley	62,958	6,626	920	6,407	7,327	978	6,815	7,793	1,026	7,148	10.5%	760	1	723
Sweetwater	13,979	939	141	898	1,039	150	955	1,105	157	1,002	6.7%	97	2	94
Valley Center	20,757	2,201	361	2,074	2,434	384	2,206	2,589	402	2,313	10.6%	54	0	29
Valle De Oro	43,851	3,836	731	3,511	4,242	778	3,734	4,512	816	3,916	8.7%	141	33	129
TOTALS	510,775	67,001	9,453	64,637	74,090	10,055	68,752	78,807	10,545	72,108	3	2,873	446	2,446

* Note: Barona buildout estimates have been combined with Ramona buildout estimate

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Car, Truck, Van Commuters	Carpool Commuters	Drove Alone Commuters	Motorcycle Commuters	Other Means Commuters	Other Means - Public Transportation Commuters	Railroad Commuters	Trolley Commuters	Walking Commuters	Work from Home Commuters Total	Total All Commuters	Walk Commute Percentage
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	ACS Report	Total ACS Population -Work From Home	Walking Commuters/Total All Commuters
Alpine	17,734	2,149	7,549	948	6,601	11	0	0	0	0	124	687	16,176	0.8%
Barona*	546	53	191	18	173	0	5	0	0	0	3	15	405	0.7%
Bonsall	16,249	1,425	3,998	309	3,689	7	25	0	19	0	134	560	8,745	1.5%
Central Mountain	4,858	347	2,132	348	1,784	0	1	0	0	0	15	113	4,393	0.3%
County Islands	2,178	347	659	122	537	0	16	0	0	0	26	23	1,456	1.8%
Crest-Dehesa	10,048	976	4,382	416	3,966	6	1	0	0	0	93	302	9,167	1.0%
Desert	5,251	567	1,687	229	1,458	0	11	0	0	0	66	176	3,663	1.8%
Fallbrook	43,148	4,981	16,989	2,774	14,215	54	92	10	66	19	456	1,364	36,204	1.3%
Jamul-Dulzura	10,943	959	4,045	522	3,523	11	0	0	0	0	97	268	8,481	1.1%
Julian	3,194	561	1,041	71	970	0	0	0	0	0	84	231	2,397	3.5%
Lakeside	78,057	7,345	31,771	3,451	28,320	162	165	0	69	25	367	1,383	66,470	0.6%
Mountain Empire	7,530	999	3,050	343	2,707	40	45	0	0	2	215	97	6,574	3.3%
North County Metro	49,660	4,141	17,511	1,898	15,613	73	153	9	38	0	145	1,336	36,996	0.4%
North Mountain	3,270	309	831	99	732	2	53	0	0	0	73	58	1,848	4.0%
Otay	7,448	141	1,604	0	1,604	0	0	0	0	0	0	0	3,208	0.0%
Pala-Pauma	6,676	976	2,270	221	2,049	0	0	0	6	0	140	282	4,968	2.8%
Pendleton-De Luz**	36,739	18,900	14,618	3,505	11,113	255	276	0	0	0	7,003	2,532	39,459	17.7%
Rainbow	2,230	186	687	90	597	1	4	0	0	0	28	57	1,464	1.9%
Ramona*	40,261	4,207	15,093	2,007	13,086	73	54	0	0	0	347	1,175	32,007	1.1%
San Dieguito	23,210	3,829	11,537	784	10,753	1	132	38	49	0	105	1,340	24,817	0.4%
Spring Valley	62,958	6,626	25,768	2,688	23,080	176	195	7	0	30	401	985	54,054	0.7%
Sweetwater	13,979	939	5,696	615	5,081	33	56	0	0	3	37	149	11,766	0.3%
Valley Center	20,757	2,201	7,664	823	6,841	36	0	0	25	0	189	719	16,326	1.2%
Valle De Oro	43,851	3,836	18,471	2,036	16,435	46	108	0	0	12	143	1,230	38,643	0.4%
TOTALS	510,775	67,001	199,244	24,317	174,927	987	1,392	64	272	91	10,291	15,082	429,687	2.4%

* Note: Barona buildout estimates have been combined with Ramona buildout estimate
 ** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Bike Commute Percentatge	Total Non-motorized Commuters	Percent Non-Motorized Commuters	Estimated Work-at-Home Bicycle "commuters"	Estimated Work-at-Home Walking Trips	Transit to Work Mode Share	Estimated Transit Bicycle Commuters	Estimated Transit Walking Commuters	School Children (Grades K-8)	Estimated Bicycle Mode Share for School Children	Estimated Walking Mode Share for School Children	Estimated School Bicycle Commuters
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	Bicycle Commuters/Total All Commuters	Walking Commuters+ Bicycle Commuters	Non-motorized Commuters/Total All Commuters	Assumes 15% of work at home commuters make at least one biking trip	Assumes 50% of work at home commuters make at least one walking trip	Total Public Transportation Commuters/ Total All Commuters	Assumes 10% of transit users bike to transit (rail, trolley, bus)	Assumes 85% of transit users walk to transit (rail, trolley, bus)	SANDAG DataSurfer 2010, Census, CPA level (http://datasurfer.sandag.org/)	National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)	National Safe Routes to School Survey, 2010 (http://www.saferoutesinfo.org/sites/default/files/SRTS_baseline_data_report.pdf)	Estimated Bicycle Mode Share for School Children x School Children
Alpine	17,734	2,149	0.0%	124	0.8%	103	344	0.8%	13	109	2,318	2.0%	14.5%	46
Barona*	546	53	0.0%	3	0.7%	2	8	0.0%	0	0	83	2.0%	14.5%	2
Bonsall	16,249	1,425	0.0%	134	1.5%	84	280	0.3%	4	20	1,157	2.0%	14.5%	23
Central Mountain	4,858	347	0.0%	15	0.3%	17	57	0.0%	0	0	516	2.0%	14.5%	10
County Islands	2,178	347	1.0%	41	2.8%	3	12	4.0%	6	49	378	2.0%	14.5%	8
Crest-Dehesa	10,048	976	0.0%	93	1.0%	45	151	0.0%	0	1	1,199	2.0%	14.5%	24
Desert	5,251	567	1.0%	102	2.8%	26	88	0.0%	0	0	407	2.0%	14.5%	8
Fallbrook	43,148	4,981	0.2%	518	1.4%	205	682	0.5%	28	160	5,441	2.0%	14.5%	109
Jamul-Dulzura	10,943	959	0.2%	112	1.3%	40	134	0.0%	0	0	1,173	2.0%	14.5%	23
Julian	3,194	561	0.0%	84	3.5%	35	116	0.0%	0	0	281	2.0%	14.5%	6
Lakeside	78,057	7,345	0.1%	410	0.6%	207	692	1.2%	90	687	9,616	2.0%	14.5%	192
Mountain Empire	7,530	999	0.0%	215	3.3%	15	49	1.2%	8	65	899	2.0%	14.5%	18
North County Metro	49,660	4,141	0.1%	173	0.5%	200	668	0.6%	28	196	4,883	2.0%	14.5%	98
North Mountain	3,270	309	0.0%	73	4.0%	9	29	0.0%	0	0	265	2.0%	14.5%	5
Otay	7,448	141	0.0%	0	0.0%	0	0	0.0%	0	0	426	2.0%	14.5%	9
Pala-Pauma	6,676	976	0.0%	140	2.8%	42	141	0.1%	1	5	960	2.0%	14.5%	19
Pendleton-De Luz**	36,739	18,900	0.1%	7,059	17.9%	380	1,266	0.3%	10	86	3,935	2.0%	14.5%	79
Rainbow	2,230	186	0.0%	28	1.9%	9	29	0.0%	0	0	169	2.0%	14.5%	3
Ramona*	40,261	4,207	0.4%	472	1.5%	176	588	0.1%	5	40	4,988	2.0%	14.5%	100
San Dieguito	23,210	3,829	0.1%	135	0.5%	201	670	0.5%	18	82	4,895	2.0%	14.5%	98
Spring Valley	62,958	6,626	0.0%	402	0.7%	148	493	1.4%	79	640	9,404	2.0%	14.5%	188
Sweetwater	13,979	939	0.0%	39	0.3%	22	75	0.8%	10	82	1,463	2.0%	14.5%	29
Valley Center	20,757	2,201	0.0%	189	1.2%	108	360	0.3%	8	46	2,367	2.0%	14.5%	47
Valle De Oro	43,851	3,836	0.1%	176	0.5%	185	615	0.4%	15	120	4,893	2.0%	14.5%	98
TOTALS	510,775	67,001	0.1%	10,737	2.5%	2,262	7,541	0.7%	324	2,388	62,116	-	-	1,242

* Note: Barona buildout estimtates have been combined with Ramona buildout estimate

** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e

Community Plan Area (CPA)	CPA Population 2010 Estimates	Combined 2010 Daily Bicycle Trips and Daily Walking Trips	Estimated School Walking Commuters	Current Estimated Total Number of Daily Bicycle Users	Current Estimated Total Daily Bicycle User Trips (weekday)	Current Estimated Total Number of Daily Walking Users	Current Estimated Total Daily Walking User Trips (weekday)	Percent of Total by CPA	Combined 2020 Daily Bicycle Trips and Daily Walking Trips - (Weekday, with project)	Combined 2030 Daily Bicycle Trips and Daily Walking Trips - (Weekday, with priority project)	Combined 2040 Daily Bicycle Trips and Daily Walking Trips - (Weekday, with percent of network completed)	Combined 2050 Daily Bicycle Trips and Daily Walking Trips - (Weekday, network completion)
Source and Methodology	SANDAG-recoded American Community Survey Estimates (ACS)	2010 Combined Daily Walking and Biking Trips	Estimated Walking Mode Share for School Children x School Children	Bicycle Commuters + Estimated School Bicycle Commuters + Estimated Transit Bicycle Commuters+ Estimated Work at Home Bicycle Commuter	Assumes Total Bicycle User x2 (for round trips)	Walking Commuters + Estimated School Walking Commuters + Estimated Transit Walking Commuters+ Estimated Work at Home Walking Commuters	Assumes Total Walking Users x2 (for round trips)	CPA Population/Total Population	No growth percentage applied due to none of the priority projects likely to be completed Note: 2020 estimates are lower than 2010 estimates due to forecasted decrease in County CPA populations used in baseline estimates	Assumes ONLY priority project is completed	Assumes half of remaining build-out network is completed	2050 no-build estimate added to 1.3% network-growth enhancement of fully-completed network
Alpine	17,734	2,149	336	162	324	912	1,825	3.5%	2,098	2,384	2,590	2,655
Barona*	546	53	12	4	8	23	45	0.1%	*	*	*	*
Bonsall	16,249	1,425	168	111	223	601	1,203	3.2%	1,391	1,589	1,715	1,761
Central Mountain	4,858	347	75	27	55	146	293	1.0%	339	388	418	429
County Islands	2,178	347	55	32	64	142	283	0.4%	339	410	412	428
Crest-Dehesa	10,048	976	174	69	139	419	837	2.0%	953	1,102	1,172	1,206
Desert	5,251	567	59	71	141	213	426	1.0%	553	630	683	700
Fallbrook	43,148	4,981	789	404	807	2,087	4,173	8.4%	4,861	5,531	6,000	6,152
Jamul-Dulzura	10,943	959	170	79	157	401	802	2.1%	936	1,067	1,156	1,185
Julian	3,194	561	41	40	81	240	480	0.6%	548	633	673	693
Lakeside	78,057	7,345	1394	533	1,066	3,140	6,279	15.3%	7,169	8,131	8,854	9,073
Mountain Empire	7,530	999	130	40	81	459	919	1.5%	975	1,116	1,203	1,235
North County Metro	49,660	4,141	708	354	708	1,717	3,433	9.7%	4,041	4,603	4,987	5,114
North Mountain	3,270	309	38	14	28	140	281	0.6%	301	344	372	381
Otay	7,448	141	62	9	17	62	124	1.5%	137	159	169	174
Pala-Pauma	6,676	976	139	63	125	425	851	1.3%	953	1,088	1,175	1,206
Pendleton-De Luz**	36,739	18,900	571	525	1,049	8,925	17,851	7.2%	18,446	22,212	22,747	23,345
Rainbow	2,230	186	25	12	24	81	162	0.4%	181	213	222	230
Ramona*	40,261	4,207	723	406	811	1,698	3,395	7.9%	4,157	4,736	5,160	5,262
San Dieguito	23,210	3,829	710	347	695	1,567	3,134	4.5%	3,737	4,255	4,612	4,730
Spring Valley	62,958	6,626	1364	416	832	2,897	5,794	12.3%	6,467	7,419	7,968	8,184
Sweetwater	13,979	939	212	64	127	406	812	2.7%	917	1,053	1,129	1,160
Valley Center	20,757	2,201	343	163	326	938	1,875	4.1%	2,149	2,454	2,650	2,719
Valle De Oro	43,851	3,836	709	331	661	1,587	3,175	8.6%	3,744	4,264	4,620	4,738
TOTALS	510,775	67,001	9,007	4,274	8,548	29,226	58,453	100.0%	65,393	75,780	80,687	82,760

* Note: Barona buildout estimates have been combined with Ramona buildout estimate
 ** Note: Where the facilities are along a freeway/non-ME designation, the mileage was e