

Existing Conditions: 2010

Contra Costa Co	Passanger Car	Light-Duty Truck1	Light-Duty Truck2	Medium Duty Truck	Light-Heavy-Duty Truck1	Light-Heavy-Duty Truck2	Medium-Heavy-Duty Truck	Heavy-Heavy-Duty Truck	Other Buses	Urban Buses	Motorcycle	School Bus	Motor homes	Total
VMT														
Gasoline	13,452,000	3,465,000	5,520,000	2,240,000	269,000	88,000	45,000	23,000	11,000	14,000	232,000	7,000	61,000	25,427,000
Diesel	31,000	116,000	11,000	7,000	98,000	75,000	220,000	408,000	7,000	37,000	-	105,000	8,000	1,123,000
Total	13,483,000	3,581,000	5,531,000	2,247,000	367,000	163,000	265,000	431,000	18,000	51,000	232,000	112,000	69,000	26,550,000
Gallons														
Gasoline	618,700	198,290	314,510	173,050	30,870	10,240	4,390	2,050	950	1,170	6,320	650	4,880	1,366,070
Diesel	1,090	4,000	390	230	5,100	3,990	33,050	77,020	1,030	9,190	-	16,250	1,240	152,580
Total	619,790	202,290	314,900	173,280	35,970	14,230	37,440	79,070	1,980	10,360	6,320	16,900	6,120	1,518,650

Source: ARB BURDEN2007 VMT and fuel consumption data for base year

Pinole	Passanger Car	Light-Duty Truck1	Light-Duty Truck2	Medium Duty Truck	Light-Heavy-Duty Truck1	Light-Heavy-Duty Truck2	Medium-Heavy-Duty Truck	Heavy-Heavy-Duty Truck	Other Buses	Urban Buses	Motorcycle	School Bus	Motor homes	Total
VMT														
Gasoline	314,133	80,915	128,904	52,309	6,282	2,055	1,051	537	257	327	5,418	163	1,424	593,776
Diesel	724	2,709	257	163	2,289	1,751	5,137	9,528	163	864	-	2,452	187	26,224
Total	314,857	83,624	129,161	52,472	8,570	3,806	6,188	10,065	420	1,191	5,418	2,615	1,611	620,000
Gallons														
Gasoline	14,448	4,631	7,344	4,041	721	239	103	48	22	27	148	15	114	31,901
Diesel	25	93	9	5	119	93	772	1,799	24	215	-	379	29	3,563
Total	14,473	4,724	7,354	4,046	840	332	874	1,846	46	242	668	395	143	35,464

Future Conditions: 2030

Contra Costa Co	Passanger Car	Light-Duty Truck1	Light-Duty Truck2	Medium Duty Truck	Light-Heavy-Duty Truck1	Light-Heavy-Duty Truck2	Medium-Heavy-Duty Truck	Heavy-Heavy-Duty Truck	Other Buses	Urban Buses	Motorcycle	School Bus	Motor homes	Total
VMT														
Gasoline	17,130,000	4,581,000	6,772,000	2,611,000	313,000	119,000	61,000	5,000	5,000	21,000	294,000	10,000	80,000	32,002,000
Diesel	1,000	14,000	1,000	1,000	77,000	89,000	284,000	418,000	19,000	41,000	-	126,000	9,000	1,080,000
Total	17,131,000	4,595,000	6,773,000	2,612,000	390,000	208,000	345,000	423,000	24,000	62,000	294,000	136,000	89,000	33,082,000
Gallons														
Gasoline	767,450	258,200	390,160	204,510	36,080	13,760	5,200	430	410	1,770	8,130	960	6,210	1,693,270
Diesel	40	500	30	40	4,020	4,630	42,560	78,700	2,830	9,700	-	19,450	1,310	163,810
Total	767,490	258,700	390,190	204,550	40,100	18,390	47,760	79,130	3,240	11,470	8,130	20,410	7,520	1,857,080

Source: ARB BURDEN2007 VMT and fuel consumption data for 2035 horizon year

Pinole	Passanger Car	Light-Duty Truck1	Light-Duty Truck2	Medium Duty Truck	Light-Heavy-Duty Truck1	Light-Heavy-Duty Truck2	Medium-Heavy-Duty Truck	Heavy-Heavy-Duty Truck	Other Buses	Urban Buses	Motorcycle	School Bus	Motor homes	Total
VMT														
Gasoline	429,778	114,933	169,904	65,508	7,853	2,986	1,530	125	125	527	7,376	251	2,007	802,904
Diesel	25	351	25	25	1,932	2,233	7,125	10,487	477	1,029	-	3,161	226	27,096
Total	429,803	115,285	169,929	65,533	9,785	5,219	8,656	10,613	602	1,556	7,376	3,412	2,233	830,000
Gallons														
Gasoline	19,255	6,478	9,789	5,131	905	345	130	11	10	44	204	24	156	42,483
Diesel	1	13	-	1	101	116	1,068	1,975	71	243	-	488	33	4,109
Total	19,256	6,491	9,789	5,132	1,006	461	1,198	1,985	81	288	204	512	189	46,592

Without Pavley

With Pavley, reduction in emission from LDA, LDT1, LDT2, and MDV

Post 2016 LDA and LDT1 fuel economy of 39.9; LDT2 and MDV fuel economy of 25.2

Pinole	Passanger Car	Light-Duty Truck1	Light-Duty Truck2	Medium Duty Truck	Light-Heavy-Duty Truck1	Light-Heavy-Duty Truck2	Medium-Heavy-Duty Truck	Heavy-Heavy-Duty Truck	Other Buses	Urban Buses	Motorcycle	School Bus	Motor homes	Total
Gallons														
Gasoline	10,771	2,881	6742.21727	2599.51703	905	345	130	11	10	44	204	24	156	24,824
Diesel	1	9	0.99560208	0.99560208	101	116	1,068	1,975	71	243	-	488	33	4,106
Total	10,772	2,889	6,743	2,601	1,006	461	1,198	1,985	81	288	204	512	189	28,930

Source: http://www.eia.doe.gov/oiaf/aeo/otheranalysis/aeo_2005analysispapers/pdf/tbl10.pdf