Title : Monterey County Subarea Annual CYr 2010
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2009/06/15 16:08:45
Scen Year: 2010 -- All model years in the range 1966 to 2010 selected
Season : Annual
Area : Monterey County
I/M Stat : Enhanced Basic (2005)
Emissions: CO2e kilo-metric Tons/Yr

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCA	LDT1-CAT	LDT1-DSL	LDT1-TOT	LDT2-NCA	LDT2-CAT	LDT2-DSL	LDT2-TOT
Vehicles	1972	132001	616	134589	918	43417	2298	46633	523	56215	239	56977
VMT/1000	40	5402	17	5459	28	1816	91	1934	16	2446	9	2470
Trips	7812	827145	3361	838318	3716	268027	14083	285826	2121	353024	1349	356494
Methane Emissions												
Run Exh	0.02	0.2	0	0.22	0.01	0.1	0	0.11	0.01	0.12	0	0.13
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0.04	0	0.04	0	0.02	0	0.02	0	0.02	0	0.02
Total Ex	0.02	0.24	0	0.26	0.01	0.12	0	0.13	0.01	0.14	0	0.15
Diurnal	0	0	0	0	0	0	0	0	0	0	0	0
Hot Soak	0	0	0	0	0	0	0	0	0	0	0	0
Running	0	0	0	0	0	0	0	0	0	0	0	0
Resting	0	0	0	0	0	0	0	0	0	0	0	0
CH4 Total (TPD)	0.02	0.24	0	0.26	0.01	0.12	0	0.13	0.01	0.14	0	0.15
CH4 Total Ex (CO2e kilo-metric Tons/Yr)	0.14	1.67	0.00	1.81	0.07	0.83	0.00	0.90	0.07	0.97	0.00	1.04
Carbon Dioxide Emissions (000)												
Run Exh	0.02	2.22	0.01	2.25	0.02	0.93	0.03	0.98	0.01	1.25	0	1.26
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0.07	0	0.07	0	0.03	0	0.03	0	0.04	0	0.04
CO2 Total Ex (kilo TPD)	0.02	2.29	0.01	2.32	0.02	0.95	0.03	1	0.01	1.29	0	1.3
CO2 Total Ex (CO2e kilo-metric Tons/Yr)	6.62	758.14	3.31	768.07	6.62	314.51	9.93	331.07	3.31	427.07	0.00	430.39
N2O (~2.4% of CO2 above)												
CO2 to N20 Scalar by Vehicle Class (CO2e	0.0259	0.0259	0.0083		0.0263	0.0263	0.0104		0.0263	0.0263	0.0104	
N2O Total Ex (CO2e kilo-metric Tons/Yr)	0.17	19.64	0.03	19.84	0.17	8.27	0.10	8.55	0.09	11.23	0.00	11.32
GRAND TOTAL (CO2e kilo-metric	6.93	779.45	3.34	789.72	6.86	323.62	10.04	340.52	3.47	439.28	0.00	442.75
LBS CO2e per Vehicle per Year	7,751	13,020	11,956	12,938	16,489	16,435	9,629	16,101	14,618	17,231	0	17,134
LBS CO2e per VMT	1.05	0.87	1.19	0.87	1.48	1.08	0.67	1.06	1.31	1.08	0.00	1.08
LBS CO2e per Trip	5.4	5.7	6.0	5.7	11.2	7.3	4.3	7.2	9.9	7.5	0.0	7.5
gm CO2e/mi	475	396	539	397	672	489	302	483	594	493	0	492
Fuel Consumption (000 gallons)												
Gasoline	3.19	239.12	0	242.31	2.18	100.17	0	102.35	1.24	134.44	0	135.68
Diesel	0	0	0.62	0.62	0	0	3.13	3.13	0	0	0.31	0.31

	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NC	LHDT1-CA	LHDT1-DSI	LHDT1-TO	LHDT2-NCA	LHDT2-CA	LHDT2-DSI	LHDT2-TO
Vehicles	110	26231	127	26468	20	2852	1223	4095	20	1296	1140	2456
VMT/1000	3	1215	5	1224	1	158	65	224	0	60	54	114
Trips	466	166494	791	167751	673	94315	15382	110369	656	42859	14343	57858
Methane Emissions												
Run Exh	0	0.06	0	0.06	0	0	0	0.01	0	0	0	0.01
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0	0	0	0	0	0	0
Total Ex	0	0.07	0	0.07	0	0.01	0	0.01	0	0.01	0	0.01
Diurnal	0	0	0	0	0	0	0	0	0	0	0	0
Hot Soak	0	0	0	0	0	0	0	0	0	0	0	0
Running	0	0	0	0	0	0	0	0	0	0	0	0
Resting	0	0	0	0	0	0	0	0	0	0	0	0
CH4 Total (TPD)	0	0.07	0	0.07	0	0.01	0	0.01	0	0.01	0	0.01
CH4 Total Ex (CO2e kilo-metric Tons/Yr)	0.00	0.49	0.00	0.49	0.00	0.07	0.00	0.07	0.00	0.07	0.00	0.07
Carbon Dioxide Emissions (000)												
Run Exh	0	0.85	0	0.85	0	0.17	0.04	0.21	0	0.06	0.03	0.1
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0	0	0	0	0	0	0
CO2 Total Ex (kilo TPD)	0	0.87	0	0.88	0	0.17	0.04	0.21	0	0.07	0.03	0.1
CO2 Total Ex (CO2e kilo-metric Tons/Yr)	0.00	288.03	0.00	291.34	0.00	56.28	13.24	69.52	0.00	23.17	9.93	33.11
N2O (~2.4% of CO2 above)												
CO2 to N20 Scalar by Vehicle Class (CO2e	0.0263	0.0263	0.0104		0.053	0.053	0.0101		0.053	0.053	0.0101	
N2O Total Ex (CO2e kilo-metric Tons/Yr)	0.00	7.58	0.00	7.58	0.00	2.98	0.13	3.12	0.00	1.23	0.10	1.33
GRAND TOTAL (CO2e kilo-metric	0.00	296.09	0.00	299.40	0.00	59.33	13.38	72.71	0.00	24.47	10.03	34.50
LBS CO2e per Vehicle per Year	0	24,889	0	24,942	0	45,873	24,117	39,152	0	41,637	19,405	30,978
LBS CO2e per VMT	0.00	1.47	0.00	1.48	0.00	2.27	1.24	1.96	#DIV/0!	2.46	1.12	1.83
LBS CO2e per Trip	0.0	10.7	0.0	10.8	0.0	3.8	5.3	4.0	0.0	3.4	4.2	3.6
gm CO2e/mi	0	668	0	671	0	1030	564	890	#DIV/0!	1119	510	830
Fuel Consumption (000 gallons)												
Gasoline	0.29	90.55	0	90.84	0.1	17.99	0	18.08	0.09	6.96	0	7.05
Diesel	0	0	0.18	0.18	0	0	3.4	3.4	0	0	2.85	2.85

	MHDT-NC	MHDT-CA	MHDT-DSL	MHDT-TOT	HHDT-NC	HHDT-CAT	HHDT-DSL	HHDT-TOT	OBUS-NC	OBUS-CAT	OBUS-DSL	OBUS-TOT	SBUS-NC	SBUS-CAT	SBUS-DSL	SBUS-TOT
Vehicles	139	706	2742	3587	12	153	1350	1515	14	208	367	588	5	60	337	402
VMT/1000	2	44	245	291	0	18	263	282	0	13	24	38	0	4	23	27
Trips	6369	32221	76891	115481	547	6990	6829	14366	625	9478	10282	20385	18	240	1350	1607
Methane Emissions																
Run Exh	0	0	0	0.01	0	0.01	0.02	0.02	0	0	0	0	0	0	0	0
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0.01	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0
Total Ex	0.01	0.01	0	0.02	0	0.01	0.02	0.03	0	0	0	0	0	0	0	0
Diurnal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hot Soak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Running	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Resting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 Total (TPD)	0.01	0.01	0	0.02	0	0.01	0.02	0.03	0	0	0	0	0	0	0	0
CH4 Total Ex (CO2e kilo-metric Tons/Yr)	0.07	0.07	0.00	0.14	0.00	0.07	0.14	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carbon Dioxide Emissions (000)																
Run Exh	0	0.03	0.41	0.44	0	0.01	0.53	0.54	0	0.01	0.04	0.05	0	0	0.04	0.04
Idle Exh	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 Total Ex (kilo TPD)	0	0.04	0.41	0.44	0	0.01	0.55	0.56	0	0.01	0.04	0.05	0	0	0.04	0.04
CO2 Total Ex (CO2e kilo-metric Tons/Yr)	0.00	13.24	135.74	145.67	0.00	3.31	182.09	185.40	0.00	3.31	13.24	16.55	0.00	0.00	13.24	13.24
N2O (~2.4% of CO2 above)																
CO2 to N20 Scalar by Vehicle Class (CO2e	0.053	0.053	0.0101		0.053	0.053	0.0101		0.053	0.053	0.0101		0.053	0.053	0.0101	
N2O Total Ex (CO2e kilo-metric Tons/Yr)	0.00	0.70	1.37	2.07	0.00	0.18	1.84	2.01	0.00	0.18	0.13	0.31	0.00	0.00	0.13	0.13
GRAND TOTAL (CO2e kilo-metric	0.07	14.01	137.11	147.88	0.00	3.56	184.06	187.62	0.00	3.49	13.38	16.86	0.00	0.00	13.38	13.38
LBS CO2e per Vehicle per Year	1,103	43,769	110,256	90,905	0	51,243	300,638	273,071	0	36,956	80,368	63,234	0	0	87,522	73,370
LBS CO2e per VMT	0.21	1.92	3.38	3.07	#DIV/0!	1.19	4.23	4.02	0	1.62	3.37	2.68	#DIV/0!	0.00	3.51	2.99
LBS CO2e per Trip	0.1	2.6	10.8	7.7	0.0	3.1	162.8	78.9	0.0	2.2	7.9	5.0	0.0	0.0	59.9	50.3
gm CO2e/mi	95	874	1535	1394	#DIV/0!	542	1919	1825	0	735	1529	1217	#DIV/0!	0	1595	1359
Fuel Consumption (000 gallons)																
Gasoline	0.43	3.95	0	4.38	0.1	1.6	0	1.71	0.04	1.22	0	1.26	0.04	0.38	0	0.42
Diesel	0	0	36.64	36.64	0	0	49.25	49.25	0	0	3.59	3.59	0	0	3.43	3.43

	UB-NCAT	UB-CAT	UB-DSL	UB-TOT	MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TO
Vehicles	0	37	49	86	118	2073	258	2449	6691	3122	0	9813
VMT/1000	0	7	10	17	1	29	4	35	83	49	0	132
Trips	0	149	197	346	12	207	26	245	13380	6244	0	19624
Methane Emissions												
Run Exh	0	0	0	0	0	0	0	0	0.02	0.01	0	0.03
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0	0	0	0	0
Total Ex	0	0	0	0	0	0	0	0	0.03	0.01	0	0.04
Diurnal	0	0	0	0	0	0	0	0	0	0	0	0
Hot Soak	0	0	0	0	0	0	0	0	0	0	0	0
Running	0	0	0	0	0	0	0	0	0	0	0	0
Resting	0	0	0	0	0	0	0	0	0	0	0	0
CH4 Total (TPD)	0	0	0	0	0	0	0	0	0.03	0.01	0	0.04
CH4 Total Ex (CO2e kilo-metric Tons/Yr)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.07	0.00	0.28
Carbon Dioxide Emissions (000)												
Run Exh	0	0.01	0.03	0.03	0	0.02	0.01	0.03	0.01	0.01	0	0.02
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0	0	0	0	0
CO2 Total Ex (kilo TPD)	0	0.01	0.03	0.03	0	0.02	0.01	0.03	0.01	0.01	0	0.02
CO2 Total Ex (CO2e kilo-metric Tons/Yr)	0.00	3.31	9.93	9.93	0.00	6.62	3.31	9.93	3.31	3.31	0.00	6.62
N2O (~2.4% of CO2 above)												
CO2 to N20 Scalar by Vehicle Class (CO2e	0.053	0.053	0.0101		0.053	0.053	0.0101		0.0817	0.0817	0	
N2O Total Ex (CO2e kilo-metric Tons/Yr)	0.00	0.18	0.10	0.28	0.00	0.35	0.03	0.38	0.27	0.27	0.00	0.54
GRAND TOTAL (CO2e kilo-metric	0.00	3.49	10.03	10.21	0.00	6.97	3.34	10.32	3.79	3.65	0.00	7.44
LBS CO2e per Vehicle per Year	#DIV/0!	207,754	451,453	261,722	0	7,416	28,580	9,288	1,249	2,578	#DIV/0!	1,672
LBS CO2e per VMT	0.00	3.01	6.06	3.63	0.00	1.45	5.05	1.78	0.28	0.45	0.00	0.34
LBS CO2e per Trip	0.0	141.3	307.6	178.2	0.0	203.5	777.0	254.4	1.7	3.5	0.0	2.3
gm CO2e/mi	0	1366	2752	1647	0	659	2293	808	125	204	0	155
Fuel Consumption (000 gallons)												
Gasoline	0	0.67	0	0.67	0.14	2.36	0	2.51	2.03	1.12	0	3.15
Diesel	0	0	2.52	2.52	0	0	0.57	0.57	0	0	0	0

ALL-TOT

	289637
	12245
	1589670
	0.61
	0
	0.11
	0.73
	0
	0
	0
	0
	0.73
	0.65
	0.61
	0.02
	0.17
	0.89
	2,314.16
	57.46
	2,376.68
	18,092
	1.57
	7.2
	532
	610.29
	106.5