Title : North Central Coast Air Basin Avg Annual CY 2010
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2009/04/22 13:31:03
Scen Year: 2010 -- All model years in the range 1966 to 2010 selected
Season : Annual
Area : North Central Coast Air Basin Avera
I/M Stat : Enhanced Basic (2005) -- Using I/M schedule for area 16 Monterey (NCC)
Emissions: CO2e kilo-metric Tons/Yr

	LDA-NCA	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCA	LDT1-CAT	LDT1-DSL	LDT1-TOT	LDT2-NCA	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCA	MDV-CAT	MDV-DSL	MDV-TOT
Vehicles	4200	253730	1542	259472	2197	92031	4862	99090	1101	109395	474	110970	254	45673	270	46196
VMT/1000	73	9237	38	9348	51	3344	167	3561	26	4268	15	4310	6	1930	10	1945
Trips	16613	1587540	8538	1612690	8886	566849	29743	605477	4461	686802	2739	694002	1075	289550	1677	292302
Methane Emissions																
Run Exh	0.03	0.34	0	0.37	0.02	0.18	0	0.2	0.01	0.2	0	0.21	0	0.1	0	0.1
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0.01	0.07	0	0.08	0	0.03	0	0.04	0	0.04	0	0.04	0	0.02	0	0.02
Total Ex	0.04	0.41	0	0.45	0.02	0.22	0	0.24	0.01	0.23	0	0.25	0	0.11	0	0.12
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)	0.04	0.41	0	0.45	0.02	0.22	0	0.24	0.01	0.23	0	0.25	0	0.11	0	0.12
CH4 Total Ex (CO2e kilo-	0.28	2.85	0.00	3.13	0.14	1.53	0.00	1.67	0.07	1.60	0.00	1.74	0.00	0.76	0.00	0.83
Carbon Dioxide Emissions (000)																
Run Exh	0.04	3.72	0.02	3.77	0.03	1.66	0.06	1.75	0.01	2.13	0.01	2.15	0	1.32	0	1.33
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0.13	0	0.13	0	0.06	0	0.06	0	0.07	0	0.07	0	0.04	0	0.04
CO2 Total Ex (kilo TPD)	0.04	3.84	0.02	3.9	0.03	1.71	0.06	1.81	0.02	2.2	0.01	2.22	0	1.36	0	1.37
CO2 Total Ex (CO2e kilo-	13.24	1,271.29	6.62	1,291.16	9.93	566.12	19.86	599.23	6.62	728.34	3.31	734.97	0.00	450.25	0.00	453.56
N2O (~2.4% of CO2 above)																
CO2 to N20 Scalar by Vehi	0.0259	0.0259	0.0083		0.0263	0.0263	0.0104		0.0263	0.0263	0.0104		0.0263	0.0263	0.0104	
N2O Total Ex (CO2e kilo-	0.34	32.93	0.06	33.33	0.26	14.89	0.21	15.36	0.17	19.16	0.03	19.36	0.00	11.84	0.00	11.84
GRAND TOTAL (CO2	13.86	1,307.07	6.68	1,327.61	10.33	582.54	20.07	616.25	6.86	749.10	3.35	756.07	0.00	462.86	0.00	466.24
LBS CO2e per Vehicle pe	7,278	11,359	9,552	11,282	10,370	13,957	9,102	13,713	13,749	15,099	15,561	15,023	0	22,346	0	22,254
LBS CO2e per VMT	1.15	0.85	1.06	0.86	1.22	1.05	0.73	1.05	1.60	1.06	1.35	1.06	0.00	1.45	0.00	1.45
LBS CO2e per Trip	5.0	5.0	4.7	5.0	7.0	6.2	4.1	6.1	9.3	6.6	7.4	6.6	0.0	9.7	0.0	9.6
gm CO2e/mi	521	388	482	390	556	478	330	475	724	481	612	481	0	658	0	657
Fuel Consumption (000 gallons)																
Gasoline	5.78	401.52	0	407.3	3.96	180.54	0	184.5	2.04	229.67	0	231.71	0.59	141.13	0	141.72
Diesel	0	0	1.36	1.36	0	0	5.74	5.74	0	0	0.53	0.53	0	0	0.34	0.34

	LHDT1-NC	LHDT1-CA	LHDT1-DSL	LHDT1-TOT	LHDT2-NC	LHDT2-CA	LHDT2-DS	LHDT2-TOT	MHDT-NC	MHDT-CA	MHDT-DSL	MHDT-TOT	HHDT-NC	HHDT-CA	HHDT-DSL	HHDT-TOT
Vehicles	56	5445	2337	7838	44	2537	2318	4899	305	1319	4886	6510	21	273	3854	4147
VMT/1000	1	271	113	386	1	106	97	204	3	66	359	428	0	27	668	696
Trips	1852	180062	29395	211309	1452	83884	29156	114492	13942	60246	136999	211188	948	12471	19501	32920
Methane Emissions																
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01	0.01	0.01	0	0.01	0.04	0.05
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0.01	0	0	0	0.01	0.01	0.01	0	0.02	0	0	0	0.01
Total Ex	0	0.01	0	0.02	0	0.01	0	0.01	0.01	0.01	0.01	0.03	0	0.01	0.04	0.06
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	0.01	0	0.02	0	0.01	0	0.01	0.01	0.01	0.01	0.03	0	0.01	0.04	0.06
CH4 Total Ex (CO2e kilo-	0.00	0.07	0.00	0.14	0.00	0.07	0.00	0.07	0.07	0.07	0.07	0.21	0.00	0.07	0.28	0.42
Carbon Dioxide Emissions (000)																
Run Exh	0	0.29	0.07	0.36	0	0.11	0.06	0.17	0	0.05	0.6	0.65	0	0.02	1.35	1.37
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05
Start Ex	0	0.01	0	0.01	0	0	0	0	0	0	0	0.01	0	0	0	0
CO2 Total Ex (kilo TPD)	0	0.3	0.07	0.37	0	0.12	0.06	0.18	0.01	0.05	0.6	0.66	0	0.02	1.4	1.41
CO2 Total Ex (CO2e kilo-	0.00	99.32	23.17	122.49	0.00	39.73	19.86	59.59	3.31	16.55	198.64	218.50	0.00	6.62	463.49	466.80
N2O (~2.4% of CO2 above)																
CO2 to N20 Scalar by Vehi	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-	0.00	5.26	0.23	5.50	0.00	2.11	0.20	2.31	0.18	0.88	2.01	3.06	0.00	0.35	4.68	5.03
GRAND TOTAL (CO2	0.00	104.65	23.41	128.13	0.00	41.90	20.06	61.97	3.56	17.50	200.72	221.77	0.00	7.04	468.45	472.25
LBS CO2e per Vehicle pe	0	42,380	22,086	36,046	0	36,419	19,086	27,891	25,706	29,255	90,581	75,116	0	56,876	268,016	251,101
LBS CO2e per VMT	0.00	2.33	1.25	2.01	0.00	2.39	1.25	1.84	7.16	1.60	3.38	3.13	#DIV/0!	1.58	4.24	4.10
LBS CO2e per Trip	0.0	3.5	4.8	3.7	0.0	3.0	4.2	3.3	1.5	1.8	8.9	6.3	0.0	3.4	145.1	86.7
gm CO2e/mi	0	1059	568	910	0	1084	567	833	3251	727	1533	1421	#DIV/0!	715	1923	1861
Fuel Consumption (000 gallons)																
Gasoline	0.24	31.04	0	31.28	0.18	12.35	0	12.53	0.86	6.04	0	6.9	0.15	2.34	0	2.49
Diesel	0	0	5.89	5.89	0	0	5.2	5.2	0	0	53.78	53.78	0	0	125.56	125.56

	OBUS-NC	OBUS-CA	OBUS-DS	OBUS-TOT	SBUS-NC	SBUS-CA	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT	MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCA	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
Vehicles	16	304	412	732	12	115	542	670	2	85	212	299	310	5019	630	5958	16936	7906	0	24842	571623
VMT/1000	0	17	26	44	1	6	31	38	0	13	29	42	3	63	8	74	158	95	0	254	21330
Trips	738	13876	11548	26162	50	461	2167	2679	8	339	849	1196	31	502	63	596	33868	15811	0	49679	3854700
Methane Emissions																					
Run Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0.04	0.02	0	0.06	1.03
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01
Start Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0.01	0.22
Total Ex	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0.01	0.05	0.02	0	0.07	1.26
Diurnal	0	0	0	0	0	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	0	0	0	0	0
Running	0	0	0	0	0	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	0	0	0	0	0
CH4 Total (TPD)	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0.01	0.05	0.02	0	0.07	1.26
CH4 Total Ex (CO2e kilo-	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.35	0.14	0.00	0.49	8.76
Carbon Dioxide Emissions (000)																					
Run Exh	0	0.01	0.04	0.06	0	0.01	0.05	0.06	0	0.01	0.08	0.1	0	0.05	0.01	0.06	0.02	0.02	0	0.04	11.85
Idle Exh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05
Start Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.32
CO2 Total Ex (kilo TPD)	0	0.01	0.04	0.06	0	0.01	0.05	0.06	0	0.01	0.08	0.1	0	0.05	0.01	0.06	0.02	0.02	0	0.04	12.23
CO2 Total Ex (CO2e kilo-	0.00	3.31	13.24	19.86	0.00	3.31	16.55	19.86	0.00	3.31	26.49	33.11	0.00	16.55	3.31	19.86	6.62	6.62	0.00	13.24	4,048.93
N2O (~2.4% of CO2 above)																					
CO2 to N20 Scalar by Vehi	0.053	0.053	0.0101		0.053	0.053	0.0101		0.053	0.053	0.0101		0.053	0.053	0.0101		0.0817	0.0817	0		
N2O Total Ex (CO2e kilo-	0.00	0.18	0.13	0.31	0.00	0.18	0.17	0.34	0.00	0.18	0.27	0.44	0.00	0.88	0.03	0.91	0.54	0.54	0.00	1.08	98.87
GRAND TOTAL (CO2	0.00	3.49	13.38	20.24	0.00	3.49	16.72	20.21	0.00	3.49	26.75	33.55	0.00	17.43	3.34	20.84	7.51	7.30	0.00	14.81	4,156.57
LBS CO2e per Vehicle pe	0	25,286	71,590	60,977	0	66,843	68,023	66,501	0	90,434	278,254	247,414	0	7,658	11,704	7,714	978	2,036	#DIV/0!	1,315	16,034
LBS CO2e per VMT	0	1.24	3.11	2.78	0.00	3.51	3.26	3.21	0.00	1.62	5.57	4.83	0.00	1.67	2.53	1.70	0.29	0.46	0.00	0.35	1.18
LBS CO2e per Trip	0.0	1.5	7.0	4.7	0.0	45.7	46.6	45.6	0.0	62.1	190.4	169.5	0.0	209.8	320.7	211.3	1.3	2.8	0.0	1.8	6.5
gm CO2e/mi	0	562	1411	1262	0	1594	1479	1458	0	735	2530	2191	0	759	1146	773	130	211	0	160	534
Fuel Consumption (000 gallons)																					
Gasoline	0.05	1.58	0	1.63	0.08	0.6	0	0.69	0.03	1.17	0	1.2	0.33	5.03	0	5.36	3.85	2.16	0	6.01	1033.32
Diesel	0	0	3.94	3.94	0	0	4.74	4.74	0	0	7.61	7.61	0	0	1.23	1.23	0	0	0	0	215.93