

Title : Statewide totals Subarea Winter CY: 2009
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/02/26 12:23:35
 Scan Year: 2009 -- All model years in the range 1965 to 2009 selected
 Season : Winter
 Area : Statewide totals Grand Total
 I/M Stat : See county detail
 Emissions: Tons Per Day

	Light Duty Passenger Cars						Light Duty Trucks						Medium Duty Trucks						Heavy Duty Trucks						Total HD Trucks	Urban Buses	Motorcycles	All Vehicles
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat										
Vehicles	205436	1303210	45267	1328280	145209	809864	168203	841205	29829	2784520	186869	3001210	26299	284035	310334	470939	781274	14487	883451	26375300								
VMT/1000	3259	447499	1040	451798	2886	297458	5315	305659	658	110826	8343	119827	259	6297	6566	50830	57386	1742	7642	944054								
Trips	819673	8219490	250503	8326490	592263	5103160	1035230	5265910	270260	2833610	2283090	3088950	533808	3136470	3670270	6937980	10608300	57946	1766730	179246000								
Total Organic Gas Emissions																												
Run Exh	24.41	46.36	0.22	70.99	21.90	41.90	0.51	64.32	5.95	22.69	2.04	30.68	2.20	6.82	9.01	59.30	68.31	2.27	32.30	268.88								
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.40	0.02	0.63	0.03	0.18	0.21	6.69	6.90	0.00	0.00	7.53								
Start Ex	5.58	54.24	0.00	59.82	4.06	39.68	0.00	43.75	2.26	24.44	0.00	26.71	8.08	7.29	15.36	0.00	15.36	0.08	5.45	151.16								
Total Ex	29.99	100.60	0.22	130.80	25.97	81.58	0.51	108.07	8.22	47.74	2.06	58.02	10.30	14.29	24.59	65.99	90.58	2.35	37.75	427.58								
Diurnal	1.31	10.72	0.00	12.04	0.88	6.52	0.00	7.39	0.06	1.72	0.00	1.79	0.02	0.07	0.08	0.00	0.08	0.00	1.80	23.10								
Hot Soak	3.99	20.13	0.00	24.12	2.91	12.48	0.00	15.39	0.39	3.89	0.00	4.29	0.41	0.18	0.59	0.00	0.59	0.01	1.26	45.66								
Running	19.40	54.75	0.00	73.15	8.28	62.83	0.00	71.11	1.24	25.43	0.00	26.67	2.82	2.49	5.31	0.00	5.31	0.05	5.58	181.88								
Resting	0.66	5.03	0.00	5.69	0.43	3.08	0.00	3.51	0.04	0.86	0.00	0.90	0.01	0.02	0.02	0.00	0.02	0.00	0.68	10.80								
Total	54.36	191.23	0.22	245.81	38.46	166.49	0.51	205.47	9.95	79.65	2.06	91.66	13.55	17.04	30.60	65.99	96.59	2.42	47.08	689.02								
Carbon Monoxide Emissions																												
Run Exh	285.68	1119.39	0.89	1405.96	252.77	1087.16	3.37	1382.31	93.66	408.83	9.21	517.99	57.70	115.43	173.13	226.19	399.31	15.19	379.20	4060.96								
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	3.42	0.18	3.63	0.17	1.05	1.22	28.32	29.55	0.00	0.00	33.18								
Start Ex	28.07	589.66	0.00	617.73	20.55	485.31	0.00	505.86	14.28	281.33	0.00	295.61	56.66	119.09	175.75	0.00	175.75	1.04	19.85	1615.84								
Total Ex	313.75	1709.05	0.89	2023.69	273.32	1572.47	3.37	1849.17	114.17	693.67	9.39	817.23	114.53	235.57	350.10	254.51	604.62	16.23	399.05	5709.98								
Oxides of Nitrogen Emissions																												
Run Exh	17.86	127.75	1.76	147.37	15.60	158.87	8.99	183.46	5.03	77.93	50.20	133.16	1.68	29.08	30.76	866.90	897.66	32.24	11.88	1405.78								
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.50	0.54	0.00	0.01	0.01	44.07	44.09	0.00	0.00	44.63								
Start Ex	1.32	37.45	0.00	38.77	0.95	36.71	0.00	37.66	0.40	40.53	0.00	40.93	0.93	12.69	13.62	0.00	13.62	0.11	0.63	131.72								
Total Ex	19.19	165.20	1.76	186.15	16.56	195.57	8.99	221.12	5.43	118.50	50.71	174.64	2.62	41.78	44.39	910.98	955.37	32.35	12.51	1582.13								
Carbon Dioxide Emissions (000)																												
Run Exh	1.83	183.43	0.41	185.67	1.60	150.57	2.03	154.21	0.48	80.77	4.76	86.02	0.19	4.61	4.80	97.36	102.16	4.32	1.12	533.50								
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.03	0.14	0.01	0.04	0.04	2.60	2.64	0.00	0.00	2.78								
Start Ex	0.18	6.60	0.00	6.78	0.13	5.07	0.00	5.20	0.07	2.64	0.00	2.70	0.12	0.13	0.24	0.00	0.24	0.00	0.10	15.04								
Total Ex	2.00	190.04	0.41	192.46	1.73	155.64	2.03	159.40	0.55	83.53	4.79	88.86	0.32	4.77	5.09	99.95	105.04	4.33	1.22	551.31								
PM10 Emissions																												
Run Exh	0.12	5.49	0.14	5.75	0.10	7.01	0.30	7.41	0.02	2.66	0.47	3.16	0.01	0.06	0.07	33.03	33.10	0.50	0.33	50.24								
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	1.02	1.02	0.00	0.00	1.02								
Start Ex	0.01	0.56	0.00	0.57	0.01	0.60	0.00	0.67	0.00	0.25	0.00	0.25	0.01	0.01	0.02	0.00	0.02	0.00	0.01	1.55								
Total Ex	0.13	6.05	0.14	6.33	0.11	7.67	0.30	8.07	0.03	2.91	0.48	3.41	0.01	0.07	0.09	34.05	34.13	0.50	0.36	52.81								
TireWear	0.03	3.95	0.01	3.98	0.03	2.62	0.05	2.70	0.01	1.06	0.11	1.17	0.00	0.08	0.09	1.65	1.73	0.02	0.03	9.64								
BrakeWear	0.05	6.19	0.01	6.25	0.04	4.11	0.07	4.23	0.01	1.53	0.12	1.66	0.00	0.10	0.11	1.34	1.45	0.02	0.05	13.65								
Total	0.20	16.19	0.17	16.56	0.18	14.40	0.42	15.00	0.04	5.50	0.70	6.24	0.02	0.26	0.28	37.03	37.31	0.54	0.44	76.09								
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
Sox	0.02	1.85	0.00	1.88	0.02	1.52	0.02	1.56	0.01	0.81	0.05	0.87	0.01	0.05	0.05	0.95	1.01	0.04	0.02	5.38								
Fuel Consumption (000 gallons)																												
Gasoline	264.88	19760.43	0.00	20025.31	229.10	16211.26	0.00	16440.36	77.17	8676.95	0.00	8754.11	53.95	530.74	584.69	0.00	584.69	35.85	201.08	46041.41								
Diesel	0.00	0.00	37.18	37.18	0.00	0.00	183.09	183.09	0.00	0.00	430.98	430.98	0.00	0.00	0.00	8995.72	8995.72	359.70	0.00	10006.67								