

Title : 2008
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : ##### 16:22:04
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 1:00 Running Exhaust Emissions (grams/mile)

Pollutant Name: Methane Temperature 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
35	0.039	0.044	0.043	0.052	0.087	0.205	0.044

Pollutant Name: Carbon Monoxide Temperature 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
35	5.142	5.942	5.167	11.82	10.326	26.313	6.103

Pollutant Name: Oxides of Nitrogen Temperature 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
-----	-----	-----	-----	-----	------	-----	-----

35 0.392 0.627 1.101 11.667 15.46 1.408 1.174

Pollutant Name: Carbon Dioxide Temperatur 62F Relative Humidity: 30%

Speed

MPH LDA LDT MDT HDT UBUS MCY ALL

35 317.352 384.295 522.812 1404.497 2379.282 114.818 436.933

Pollutant Name: Sulfur Dioxide Temperatur 62F Relative Humidity: 30%

Speed

MPH LDA LDT MDT HDT UBUS MCY ALL

35 0.003 0.004 0.005 0.014 0.023 0.002 0.004

Pollutant Name: PM10 Temperatur 62F Relative Humidity: 30%

Speed

MPH LDA LDT MDT HDT UBUS MCY ALL

35 0.011 0.018 0.02 0.342 0.196 0.03 0.032

Pollutant Name: PM10 - Tire Wear Temperatur 62F Relative Humidity: 30%

Speed

MPH LDA LDT MDT HDT UBUS MCY ALL

35 0.008 0.008 0.009 0.022 0.009 0.004 0.009

Pollutant Name: PM10 - Brake Wear Temperatu 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
35	0.013	0.013	0.013	0.02	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperatu 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
35	27.381	22.457	16.651	16.207	14.089	53.964	23.023

Pollutant Name: Diesel - mi/gal Temperatu 62F Relative Humidity: 30%

Speed

MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
35	28.246	29.022	19.734	6.04	3.77	0	14.375

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Lake Tahoe Basin Average Basin Average

Table 2:00 Starting Emissions (grams/trip)

Pollutant Name: Methane Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.016	0.011	0.017	0.095	0.008	0.124	0.02
10	0.022	0.017	0.026	0.113	0.016	0.127	0.027
20	0.033	0.029	0.042	0.147	0.031	0.135	0.041
30	0.043	0.039	0.057	0.18	0.044	0.147	0.054
40	0.053	0.049	0.07	0.212	0.056	0.162	0.066
50	0.061	0.057	0.082	0.243	0.065	0.181	0.076
60	0.068	0.064	0.092	0.265	0.073	0.191	0.085
120	0.075	0.072	0.1	0.235	0.047	0.159	0.09
180	0.066	0.063	0.095	0.251	0.05	0.17	0.084
240	0.07	0.067	0.1	0.268	0.053	0.183	0.089
300	0.074	0.071	0.106	0.284	0.056	0.196	0.094
360	0.078	0.074	0.112	0.299	0.059	0.209	0.099
420	0.082	0.078	0.117	0.315	0.061	0.222	0.103
480	0.086	0.081	0.122	0.33	0.063	0.234	0.108
540	0.089	0.085	0.127	0.345	0.066	0.247	0.113
600	0.093	0.088	0.132	0.359	0.068	0.26	0.117
660	0.096	0.091	0.137	0.374	0.07	0.273	0.122
720	0.1	0.094	0.142	0.387	0.072	0.285	0.126

Pollutant Name: Carbon Monoxide Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	1.918	1.747	2.821	16.728	2.616	5.81	2.99
10	2.973	3.072	4.72	20.927	5.125	5.654	4.537
20	4.968	5.571	8.306	28.93	9.825	5.429	7.465
30	6.812	7.871	11.61	36.405	14.101	5.319	10.17
40	8.506	9.972	14.631	43.352	17.95	5.325	12.652
50	10.05	11.874	17.371	49.771	21.375	5.445	14.911
60	11.442	13.577	19.827	55.661	24.375	5.68	16.947
120	14.512	16.668	21.509	52.905	15.975	7.716	19.36
180	11.836	13.572	19.296	58.931	16.442	9.486	17.167
240	12.594	14.279	20.388	64.5	16.925	11.621	18.285
300	13.299	14.946	21.412	69.613	17.422	13.518	19.326
360	13.95	15.571	22.367	74.268	17.936	15.176	20.289
420	14.548	16.157	23.254	78.467	18.464	16.595	21.175
480	15.093	16.702	24.072	82.209	19.008	17.775	21.984
540	15.584	17.206	24.822	85.494	19.568	18.717	22.715
600	16.022	17.67	25.504	88.323	20.142	19.42	23.369
660	16.407	18.093	26.117	90.695	20.732	19.885	23.945
720	16.738	18.476	26.661	92.609	21.338	20.111	24.444

Pollutant Name: Oxides of Nitrogen Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.289	0.395	0.817	1.219	0.159	0.237	0.509
10	0.353	0.478	0.993	1.767	0.239	0.263	0.636
20	0.465	0.624	1.304	2.732	0.381	0.311	0.859
30	0.557	0.745	1.561	3.519	0.496	0.352	1.043
40	0.63	0.839	1.762	4.129	0.585	0.385	1.186
50	0.682	0.908	1.907	4.562	0.648	0.412	1.29

60	0.715	0.951	1.998	4.817	0.684	0.432	1.353
120	0.74	0.99	2.08	4.885	0.694	0.44	1.4
180	0.756	1.012	2.094	4.861	0.692	0.431	1.416
240	0.75	1.005	2.08	4.826	0.688	0.419	1.405
300	0.741	0.995	2.059	4.781	0.683	0.403	1.391
360	0.729	0.981	2.032	4.724	0.676	0.385	1.372
420	0.716	0.964	1.998	4.656	0.668	0.363	1.349
480	0.699	0.944	1.958	4.577	0.659	0.339	1.322
540	0.68	0.921	1.911	4.487	0.648	0.311	1.29
600	0.659	0.894	1.857	4.385	0.636	0.281	1.254
660	0.635	0.864	1.797	4.273	0.623	0.247	1.214
720	0.608	0.831	1.731	4.15	0.608	0.21	1.17

Pollutant Name: Carbon Dioxide Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.978	12.117	17.379	16.782	1.29	27.356	13.659
10	15.157	15.627	22.415	21.672	2.573	30.008	17.492
20	21.728	22.936	32.873	31.322	5.118	35.171	25.419
30	28.585	30.629	43.844	40.801	7.634	40.144	33.694
40	35.727	38.708	55.328	50.109	10.121	44.928	42.319
50	43.156	47.17	67.326	59.245	12.58	49.523	51.291
60	50.87	56.017	79.838	68.21	15.011	53.929	60.613
120	97.046	110.287	155.746	107.693	25.531	74.411	116.322
180	110.957	126.861	179.017	121.381	30.163	75.738	133.356
240	124.411	142.917	201.539	134.263	34.521	76.989	149.824
300	137.409	158.454	223.313	146.338	38.607	78.165	165.726
360	149.951	173.472	244.338	157.606	42.418	79.267	181.062
420	162.037	187.972	264.614	168.069	45.957	80.292	195.832
480	173.666	201.953	284.141	177.725	49.222	81.243	210.036
540	184.839	215.415	302.92	186.574	52.213	82.119	223.675
600	195.556	228.358	320.95	194.617	54.932	82.919	236.747
660	205.816	240.783	338.231	201.854	57.376	83.644	249.254

720 215.62 252.689 354.764 208.284 59.548 84.294 261.195

Pollutant Name: Sulfur Dioxide Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0	0	0	0	0	0	0
10	0	0	0	0.001	0	0	0
20	0	0	0	0.001	0	0	0
30	0	0	0.001	0.001	0	0.001	0.001
40	0	0.001	0.001	0.001	0	0.001	0.001
50	0.001	0.001	0.001	0.001	0	0.001	0.001
60	0.001	0.001	0.001	0.002	0.001	0.001	0.001
120	0.001	0.001	0.002	0.002	0.001	0.001	0.001
180	0.001	0.001	0.002	0.002	0.001	0.001	0.002
240	0.001	0.002	0.002	0.002	0.001	0.001	0.002
300	0.002	0.002	0.003	0.003	0.001	0.001	0.002
360	0.002	0.002	0.003	0.003	0.001	0.001	0.002
420	0.002	0.002	0.003	0.003	0.001	0.001	0.002
480	0.002	0.002	0.003	0.003	0.001	0.001	0.002
540	0.002	0.002	0.003	0.003	0.001	0.001	0.003
600	0.002	0.003	0.004	0.003	0.001	0.001	0.003
660	0.002	0.003	0.004	0.003	0.001	0.001	0.003
720	0.002	0.003	0.004	0.004	0.001	0.001	0.003

Pollutant Name: PM10 Temperatu 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0	0.016	0.002
10	0.002	0.003	0.002	0.002	0	0.014	0.003

20	0.004	0.005	0.004	0.003	0.001	0.011	0.005
30	0.005	0.007	0.006	0.004	0.001	0.008	0.006
40	0.006	0.009	0.008	0.005	0.001	0.006	0.008
50	0.008	0.011	0.009	0.005	0.001	0.005	0.01
60	0.009	0.013	0.01	0.006	0.002	0.004	0.011
120	0.012	0.019	0.015	0.008	0.002	0.011	0.016
180	0.013	0.02	0.016	0.009	0.002	0.016	0.017
240	0.014	0.021	0.016	0.009	0.002	0.022	0.018
300	0.015	0.022	0.017	0.01	0.002	0.026	0.018
360	0.015	0.022	0.018	0.01	0.002	0.03	0.019
420	0.016	0.023	0.019	0.011	0.003	0.034	0.02
480	0.016	0.024	0.019	0.011	0.003	0.036	0.021
540	0.017	0.025	0.02	0.012	0.003	0.039	0.021
600	0.017	0.025	0.02	0.012	0.003	0.04	0.022
660	0.018	0.026	0.021	0.012	0.003	0.041	0.022
720	0.018	0.026	0.021	0.013	0.003	0.041	0.023

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Lake Tahoe Basin Average Basin Average
 Table 4:00 Hot Soak Emissions (grams/trip)

Pollutant Name: Methane Temperature 62F Relative Humidity: ALL

Time

min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0

Hot soak results are scaled to reflect zero emissions for trip lengths of less than

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Lake Tahoe Basin Average Basin Average

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Methane Temperature ALL Relative Humidity: ALL

Temp

degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
------	-----	-----	-----	-----	------	-----	-----

62 0 0 0 0 0 0 0

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Season : Annual
Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Methane Temperatu ALL Relative Humidity: ALL

Temp
degF LDA LDT MDT HDT UBUS MCY ALL

62 0 0 0 0 0 0 0

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 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Methane Temperatu ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
62	0	0	0	0	0	0	0

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 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
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Lake Tahoe Basin Average Basin Average

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Methane Temperature ALL Relative Humidity: ALL

Temp degF LDA LDT MDT HDT UBUS MCY ALL

62 0 0 0 0 0 0 0 0

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
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Lake Tahoe Basin Average Basin Average

Table 7:00 Estimated Travel Fractions

Pollutant Name: Temperature ALL Relative Humidity: ALL

LDA LDT MDT HDT UBUS MCY ALL

%VMT 0.232 0.55 0.161 0.046 0.001 0.01 1
%TRIP 0.218 0.498 0.209 0.062 0 0.012 1

%VEH 0.242 0.546 0.141 0.03 0 0.04 1

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Lake Tahoe Basin Average Basin Average

Table 8:00 Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Methane Temperature 62F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0

35	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0

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Lake Tahoe

Basin Average

Basin Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Methane

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL
35	0.359	0.034	0.007	0.039	0.353	0.044	0.003	0.047	0.352	0.039	0.004	0.04

Pollutant Name: Carbon Monoxide

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL
35	104.876	3.464	0.615	5.142	103.898	5.79	0.468	7.194	103.623	4.137	0.507	4.612

Pollutant Name: Oxides of Nitrogen

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL

35 2.935 0.344 1.203 0.392 2.829 0.538 1.229 0.605 2.834 0.635 1.224 0.65

Pollutant Name: Carbon Dioxide Temperature: 62F Relative Humidity: 30%

Speed LDA LDA LDA LDA LDT1 LDT1 LDT1 LDT1 LDT2 LDT2 LDT2 LDT2
MPH NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

35 427.432 315.235 356.855 317.352 428.865 384.613 347.047 383.767 429.001 384.871 349.162 384.855

Pollutant Name: Sulfur Dioxide Temperature: 62F Relative Humidity: 30%

Speed LDA LDA LDA LDA LDT1 LDT1 LDT1 LDT1 LDT2 LDT2 LDT2 LDT2
MPH NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

35 0.006 0.003 0.003 0.003 0.006 0.004 0.003 0.004 0.006 0.004 0.003 0.004

Pollutant Name: PM10 Temperature: 62F Relative Humidity: 30%

Speed LDA LDA LDA LDA LDT1 LDT1 LDT1 LDT1 LDT2 LDT2 LDT2 LDT2
MPH NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

35 0.027 0.01 0.109 0.011 0.026 0.012 0.046 0.014 0.027 0.021 0.062 0.022

Pollutant Name: PM10 - Tire Wear Temperature: 62F Relative Humidity: 30%

Speed LDA LDA LDA LDA LDT1 LDT1 LDT1 LDT1 LDT2 LDT2 LDT2 LDT2
MPH NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

35 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008

Pollutant Name: PM10 - Brake Wear

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL
35	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013

Pollutant Name: Gasoline - mi/gal

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2		
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL		
35	14.455	27.602		0	27.381	14.467	22.478		0	22.339	14.478	22.618	0	22.577

Pollutant Name: Diesel - mi/gal

Temperature: 62F

Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2			
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL			
35		0	0	28.246	28.246		0	0	29.044	29.044		0	0	28.868	28.868

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Lake Tahoe Basin Average Basin Average

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Methane Temperature: 62F Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	0.305	0.007	0	0.016	0.291	0.007	0	0.013	0.288	0.007	0	0.008
10	0.302	0.013	0	0.022	0.288	0.014	0	0.019	0.286	0.013	0	0.015
20	0.305	0.025	0	0.033	0.291	0.027	0	0.031	0.289	0.025	0	0.026
30	0.319	0.035	0	0.043	0.304	0.038	0	0.041	0.302	0.035	0	0.037
40	0.344	0.044	0	0.053	0.328	0.048	0	0.051	0.325	0.044	0	0.046
50	0.379	0.052	0	0.061	0.361	0.056	0	0.06	0.358	0.052	0	0.054
60	0.394	0.059	0	0.068	0.376	0.063	0	0.067	0.372	0.059	0	0.061
120	0.33	0.068	0	0.075	0.315	0.07	0	0.072	0.312	0.071	0	0.072
180	0.359	0.058	0	0.066	0.342	0.062	0	0.065	0.34	0.061	0	0.062
240	0.388	0.061	0	0.07	0.37	0.065	0	0.069	0.367	0.064	0	0.065
300	0.418	0.064	0	0.074	0.398	0.069	0	0.073	0.395	0.067	0	0.069
360	0.447	0.067	0	0.078	0.426	0.072	0	0.076	0.422	0.071	0	0.072
420	0.476	0.07	0	0.082	0.454	0.075	0	0.08	0.45	0.074	0	0.076
480	0.505	0.073	0	0.086	0.482	0.079	0	0.083	0.478	0.077	0	0.079
540	0.535	0.076	0	0.089	0.51	0.082	0	0.087	0.505	0.08	0	0.082
600	0.564	0.079	0	0.093	0.537	0.085	0	0.09	0.533	0.083	0	0.085
660	0.593	0.082	0	0.096	0.565	0.087	0	0.093	0.561	0.086	0	0.088
720	0.622	0.084	0	0.1	0.593	0.09	0	0.096	0.588	0.089	0	0.091

Pollutant Name: Carbon Monoxide

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	24.427	1.229	0	1.918	24.338	1.619	0	2.004	24.32	1.318	0	1.455
10	21.63	2.412	0	2.973	21.552	3.176	0	3.408	21.536	2.588	0	2.69
20	16.697	4.641	0	4.968	16.637	6.106	0	6.055	16.625	4.984	0	5.022
30	12.644	6.685	0	6.812	12.598	8.79	0	8.489	12.589	7.188	0	7.17
40	9.47	8.545	0	8.506	9.436	11.227	0	10.709	9.429	9.201	0	9.135
50	7.175	10.221	0	10.05	7.149	13.418	0	12.717	7.144	11.023	0	10.917
60	5.76	11.713	0	11.442	5.739	15.363	0	14.51	5.735	12.653	0	12.515
120	18.003	14.52	0	14.512	17.938	17.957	0	17.186	17.925	16.189	0	16.08
180	28.446	11.412	0	11.836	28.344	14.756	0	14.394	28.323	12.631	0	12.638
240	37.783	11.907	0	12.594	37.646	15.361	0	15.147	37.619	13.234	0	13.293
300	46.013	12.382	0	13.299	45.846	15.946	0	15.859	45.813	13.804	0	13.907
360	53.135	12.836	0	13.95	52.943	16.511	0	16.531	52.905	14.34	0	14.481
420	59.151	13.269	0	14.548	58.937	17.056	0	17.162	58.894	14.842	0	15.015
480	64.061	13.681	0	15.093	63.829	17.581	0	17.752	63.782	15.31	0	15.508
540	67.863	14.073	0	15.584	67.617	18.087	0	18.302	67.568	15.745	0	15.961
600	70.559	14.444	0	16.022	70.303	18.573	0	18.811	70.252	16.146	0	16.373
660	72.147	14.794	0	16.407	71.886	19.039	0	19.279	71.834	16.513	0	16.746
720	72.629	15.123	0	16.738	72.367	19.485	0	19.707	72.314	16.846	0	17.077

Pollutant Name: Oxides of Nitrogen

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	1.177	0.264	0	0.289	1.139	0.296	0	0.3	1.143	0.501	0	0.502
10	1.279	0.326	0	0.353	1.238	0.369	0	0.371	1.242	0.599	0	0.599
20	1.465	0.437	0	0.465	1.418	0.498	0	0.495	1.423	0.772	0	0.77

30	1.626	0.528	0	0.557	1.575	0.604	0	0.598	1.579	0.914	0	0.911
40	1.763	0.599	0	0.63	1.707	0.687	0	0.678	1.712	1.026	0	1.023
50	1.874	0.651	0	0.682	1.815	0.747	0	0.736	1.82	1.107	0	1.104
60	1.961	0.682	0	0.715	1.899	0.784	0	0.772	1.904	1.158	0	1.154
120	2.002	0.707	0	0.74	1.938	0.814	0	0.801	1.944	1.21	0	1.206
180	1.954	0.725	0	0.756	1.891	0.831	0	0.816	1.897	1.24	0	1.235
240	1.891	0.72	0	0.75	1.83	0.826	0	0.81	1.836	1.232	0	1.227
300	1.812	0.713	0	0.741	1.754	0.818	0	0.802	1.759	1.22	0	1.214
360	1.717	0.704	0	0.729	1.663	0.808	0	0.79	1.668	1.204	0	1.198
420	1.608	0.693	0	0.716	1.556	0.796	0	0.777	1.561	1.184	0	1.177
480	1.482	0.68	0	0.699	1.435	0.781	0	0.76	1.44	1.16	0	1.153
540	1.342	0.665	0	0.68	1.299	0.763	0	0.741	1.303	1.132	0	1.124
600	1.186	0.648	0	0.659	1.148	0.744	0	0.72	1.151	1.099	0	1.092
660	1.014	0.628	0	0.635	0.982	0.722	0	0.696	0.985	1.063	0	1.055
720	0.827	0.607	0	0.608	0.8	0.697	0	0.67	0.803	1.023	0	1.014

Pollutant Name: Carbon Dioxide

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	111.902	8.946	0	11.978	112.282	10.533	0	12.117	112.318	11.556	0	12.116
10	121.432	11.952	0	15.157	121.843	14.249	0	15.791	121.883	14.865	0	15.441
20	139.927	18.202	0	21.728	140.401	21.954	0	23.381	140.447	21.831	0	22.43
30	157.671	24.774	0	28.585	158.205	30.02	0	31.296	158.256	29.261	0	29.872
40	174.663	31.666	0	35.727	175.255	38.447	0	39.534	175.312	37.157	0	37.768
50	190.904	38.879	0	43.156	191.551	47.237	0	48.097	191.613	45.516	0	46.117
60	206.393	46.412	0	50.87	207.092	56.388	0	56.983	207.159	54.341	0	54.92
120	279.289	92.125	0	97.046	280.236	111.032	0	109.651	280.327	110.738	0	111.009
180	279.509	106.577	0	110.957	280.456	128.581	0	126.1	280.547	127.687	0	127.726
240	279.728	120.554	0	124.411	280.677	145.53	0	141.986	280.767	144.162	0	143.975
300	279.948	134.057	0	137.409	280.897	161.876	0	157.308	280.988	160.163	0	159.756
360	280.167	147.086	0	149.951	281.117	177.621	0	172.067	281.208	175.689	0	175.07

420	280.387	159.641	0	162.037	281.337	192.765	0	186.262	281.428	190.74	0	189.915
480	280.606	171.722	0	173.666	281.557	207.308	0	199.893	281.649	205.318	0	204.293
540	280.826	183.328	0	184.839	281.778	221.249	0	212.961	281.869	219.421	0	218.203
600	281.045	194.46	0	195.556	281.998	234.589	0	225.466	282.089	233.049	0	231.645
660	281.265	205.118	0	205.816	282.218	247.327	0	237.407	282.309	246.203	0	244.62
720	281.484	215.301	0	215.62	282.438	259.464	0	248.784	282.53	258.883	0	257.126

Pollutant Name: Sulfur Dioxide

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	
5	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0
10	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0
20	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0
30	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0
40	0.002	0	0	0	0	0.002	0.001	0	0.001	0.002	0.001	0	0.001
50	0.002	0.001	0	0	0.001	0.002	0.001	0	0.001	0.002	0.001	0	0.001
60	0.002	0.001	0	0	0.001	0.002	0.001	0	0.001	0.002	0.001	0	0.001
120	0.003	0.001	0	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001
180	0.003	0.001	0	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001
240	0.003	0.001	0	0	0.001	0.003	0.002	0	0.002	0.003	0.002	0	0.002
300	0.004	0.002	0	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002
360	0.004	0.002	0	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002
420	0.004	0.002	0	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002
480	0.004	0.002	0	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002
540	0.004	0.002	0	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002
600	0.004	0.002	0	0	0.002	0.004	0.003	0	0.002	0.004	0.003	0	0.003
660	0.004	0.002	0	0	0.002	0.004	0.003	0	0.003	0.004	0.003	0	0.003
720	0.004	0.002	0	0	0.002	0.004	0.003	0	0.003	0.004	0.003	0	0.003

Pollutant Name: PM10

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	0.011	0.001	0	0.001	0.011	0.001	0	0.001	0.011	0.002	0	0.002
10	0.01	0.002	0	0.002	0.01	0.002	0	0.002	0.01	0.003	0	0.004
20	0.008	0.004	0	0.004	0.007	0.004	0	0.004	0.008	0.007	0	0.007
30	0.006	0.005	0	0.005	0.006	0.006	0	0.005	0.006	0.01	0	0.01
40	0.004	0.006	0	0.006	0.004	0.007	0	0.007	0.004	0.012	0	0.012
50	0.003	0.008	0	0.008	0.003	0.009	0	0.008	0.003	0.015	0	0.015
60	0.003	0.009	0	0.009	0.003	0.01	0	0.009	0.003	0.017	0	0.017
120	0.007	0.013	0	0.012	0.007	0.014	0	0.013	0.007	0.025	0	0.024
180	0.011	0.013	0	0.013	0.011	0.015	0	0.014	0.012	0.026	0	0.026
240	0.015	0.014	0	0.014	0.015	0.015	0	0.015	0.015	0.027	0	0.027
300	0.018	0.015	0	0.015	0.018	0.016	0	0.015	0.019	0.029	0	0.028
360	0.021	0.015	0	0.015	0.02	0.017	0	0.016	0.022	0.03	0	0.03
420	0.023	0.016	0	0.016	0.023	0.017	0	0.017	0.024	0.031	0	0.031
480	0.025	0.016	0	0.016	0.025	0.018	0	0.017	0.026	0.032	0	0.032
540	0.027	0.017	0	0.017	0.026	0.018	0	0.018	0.027	0.033	0	0.033
600	0.028	0.017	0	0.017	0.027	0.019	0	0.018	0.029	0.034	0	0.033
660	0.029	0.017	0	0.018	0.028	0.019	0	0.019	0.029	0.034	0	0.034
720	0.029	0.018	0	0.018	0.028	0.02	0	0.019	0.029	0.035	0	0.035

Title : 2008

Version : Emfac2007 V2.3 Nov 1 2006

Run Date : 2009/11/11 16:22:04

Scen Year: 2008 -- All model years in the range 1965 to 2008 selected

Season : Annual

Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Methane Temperature: 62F Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
5	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : 2008
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:22:04
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe

Basin Average

Basin Average

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Methane

Temperature: ALL

Relative Humidity: ALL

Temp degF	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
62	0	0	0	0	0	0	0	0	0	0	0	0

Title : 2008

Version : Emfac2007 V2.3 Nov 1 2006

Run Date : 2009/11/11 16:22:04

Scen Year: 2008 -- All model years in the range 1965 to 2008 selected

Season : Annual

Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe

Basin Average

Basin Average

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Methane

Temperature: ALL

Relative Humidity: ALL

Title : 2008
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:22:04
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe

Basin Average

Basin Average

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Methane

Temperature: ALL

Relative Humidity: ALL

Temp degF	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
62	0	0	0	0	0	0	0	0	0	0	0	0

Title : 2008
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:22:04
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL
%VMT	0.004	0.227	0.001	0.232	0.005	0.267	0.012	0.284	0.001	0.264	0.002	0.267
%TRIP	0.007	0.21	0.002	0.218	0.005	0.248	0.011	0.265	0.001	0.23	0.002	0.233
%VEH	0.011	0.229	0.002	0.242	0.009	0.273	0.012	0.294	0.002	0.248	0.002	0.252

Title : 2008
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:22:04
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.407	0.047	0.004	0.05	0.271	0.019	0.006	0.016	0.264	0.062	0.008	0.038	0.351

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
158.233	4.042	0.54	5.499	147.505	2.29	0.628	2.878	143.684	10.326	0.692	7.139	220.839

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
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4.047 0.755 1.181 0.789 1.674 0.46 4.285 1.81 1.602 1.389 4.922 3.13 2.503

MDV MDV MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

491.331 528.641 346.354 527.094 497.421 497.421 521.466 505.842 497.421 497.421 532.118 514.492 497.421

MDV MDV MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

0.007 0.005 0.003 0.005 0.007 0.005 0.005 0.005 0.007 0.005 0.005 0.005 0.008

MDV MDV MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

0.027 0.02 0.057 0.021 0.015 0.004 0.038 0.016 0.015 0.007 0.047 0.027 0.015

MDV MDV MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

0.008 0.008 0.008 0.008 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
11.586	16.549	0	16.501	11.931	17.672	0	17.601	12.038	17.192	0	17.073	10.249

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0	0	29.103	29.103	0	0	19.33	19.33	0	0	18.943	18.943	0

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.35	0.008	0	0.012	0.523	0.01	0	0.019	0.5	0.023	0	0.032	0.778
0.347	0.015	0	0.019	0.519	0.019	0	0.026	0.495	0.045	0	0.048	0.771
0.35	0.029	0	0.033	0.524	0.036	0	0.04	0.5	0.086	0	0.077	0.779
0.366	0.042	0	0.045	0.547	0.051	0	0.053	0.523	0.122	0	0.104	0.814
0.394	0.053	0	0.057	0.589	0.065	0	0.065	0.563	0.154	0	0.128	0.876
0.434	0.063	0	0.067	0.65	0.077	0	0.076	0.621	0.181	0	0.149	0.966
0.452	0.071	0	0.075	0.676	0.088	0	0.085	0.645	0.203	0	0.166	1.005
0.378	0.087	0	0.089	0.566	0.098	0	0.092	0.54	0.19	0	0.154	0.841
0.412	0.074	0	0.077	0.616	0.097	0	0.092	0.588	0.199	0	0.162	0.916
0.445	0.078	0	0.082	0.666	0.103	0	0.098	0.636	0.211	0	0.172	0.991
0.479	0.082	0	0.086	0.716	0.109	0	0.103	0.684	0.221	0	0.181	1.065
0.512	0.086	0	0.091	0.766	0.114	0	0.109	0.732	0.232	0	0.19	1.14
0.546	0.09	0	0.095	0.817	0.12	0	0.114	0.78	0.242	0	0.199	1.214
0.579	0.094	0	0.099	0.867	0.125	0	0.12	0.828	0.252	0	0.207	1.289
0.613	0.098	0	0.103	0.917	0.13	0	0.125	0.875	0.262	0	0.216	1.363
0.646	0.102	0	0.107	0.967	0.135	0	0.13	0.923	0.271	0	0.224	1.438
0.68	0.105	0	0.111	1.017	0.14	0	0.135	0.971	0.279	0	0.232	1.512
0.713	0.109	0	0.115	1.067	0.144	0	0.14	1.019	0.288	0	0.239	1.587

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
38.205	1.479	0	1.886	45.419	2.397	0	2.919	44.227	6.18	0	5.805	67.781
33.831	2.903	0	3.234	40.219	4.707	0	4.676	39.164	12.114	0	9.949	60.021
26.116	5.586	0	5.78	31.047	9.07	0	8.006	30.232	23.241	0	17.738	46.333
19.776	8.052	0	8.127	23.51	13.09	0	11.093	22.893	33.383	0	24.861	35.085
14.811	10.299	0	10.276	17.608	16.765	0	13.938	17.146	42.539	0	31.319	26.278
11.223	12.327	0	12.225	13.342	20.097	0	16.54	12.992	50.709	0	37.11	19.911
9.009	14.137	0	13.976	10.711	23.084	0	18.899	10.43	57.893	0	42.235	15.984
28.158	18.03	0	18.015	33.475	23.995	0	20.128	32.597	49.599	0	36.895	49.957
44.492	13.977	0	14.223	52.893	21.969	0	18.909	51.505	49.939	0	37.71	78.935
59.095	14.61	0	15.011	70.253	23.077	0	20.18	68.41	51.593	0	39.416	104.843
71.967	15.213	0	15.749	85.556	24.115	0	21.35	83.31	53.257	0	41.069	127.679
83.107	15.785	0	16.437	98.8	25.083	0	22.419	96.207	54.93	0	42.668	147.444
92.517	16.326	0	17.076	109.986	25.981	0	23.387	107.099	56.613	0	44.214	164.138
100.195	16.837	0	17.665	119.114	26.808	0	24.253	115.988	58.307	0	45.708	177.76
106.142	17.317	0	18.203	126.184	27.565	0	25.018	122.873	60.009	0	47.148	188.311
110.358	17.767	0	18.693	131.196	28.252	0	25.682	127.753	61.722	0	48.535	195.791
112.843	18.186	0	19.132	134.151	28.869	0	26.244	130.63	63.445	0	49.868	200.2
113.597	18.574	0	19.522	135.047	29.415	0	26.706	131.503	65.177	0	51.149	201.537

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
1.634	0.543	0	0.551	0.672	1.346	0	1.103	0.643	1.405	0	1.037	1
1.776	0.653	0	0.661	0.731	1.572	0	1.287	0.699	1.937	0	1.424	1.087
2.034	0.847	0	0.854	0.837	1.974	0	1.614	0.801	2.872	0	2.103	1.245

2.258	1.007	0	1.014	0.929	2.305	0	1.884	0.889	3.635	0	2.659	1.383
2.447	1.132	0	1.139	1.007	2.567	0	2.098	0.964	4.227	0	3.09	1.499
2.602	1.223	0	1.23	1.071	2.759	0	2.255	1.025	4.648	0	3.397	1.593
2.723	1.28	0	1.288	1.121	2.882	0	2.355	1.072	4.898	0	3.579	1.667
2.779	1.337	0	1.343	1.144	3.029	0	2.474	1.095	5.007	0	3.659	1.701
2.713	1.369	0	1.374	1.117	3.031	0	2.475	1.068	4.994	0	3.649	1.661
2.625	1.36	0	1.365	1.08	3.011	0	2.458	1.034	4.965	0	3.626	1.607
2.515	1.347	0	1.35	1.035	2.98	0	2.432	0.991	4.924	0	3.595	1.54
2.384	1.329	0	1.332	0.981	2.939	0	2.398	0.939	4.872	0	3.556	1.46
2.232	1.307	0	1.308	0.919	2.888	0	2.355	0.879	4.808	0	3.508	1.367
2.058	1.281	0	1.281	0.847	2.826	0	2.303	0.811	4.732	0	3.451	1.26
1.863	1.25	0	1.248	0.767	2.753	0	2.243	0.734	4.645	0	3.386	1.141
1.646	1.216	0	1.212	0.678	2.671	0	2.174	0.648	4.547	0	3.312	1.008
1.408	1.176	0	1.17	0.579	2.578	0	2.097	0.554	4.437	0	3.229	0.862
1.148	1.133	0	1.125	0.472	2.474	0	2.011	0.452	4.315	0	3.138	0.703

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
128.903	15.493	0	16.672	170.667	19.422	0	19.394	170.667	13.527	0	14.926	170.667
139.88	20.206	0	21.423	185.2	25.161	0	24.35	185.2	21.507	0	21.141	185.2
161.185	30.082	0	31.358	213.408	37.214	0	34.706	213.408	37.603	0	33.645	213.408
181.625	40.557	0	41.87	240.47	50.032	0	45.657	240.47	53.883	0	46.247	240.47
201.198	51.629	0	52.959	266.386	63.616	0	57.201	266.386	70.344	0	58.946	266.386
219.906	63.301	0	64.626	291.155	77.964	0	69.339	291.155	86.988	0	71.742	291.155
237.749	75.571	0	76.871	314.778	93.077	0	82.072	314.778	103.814	0	84.636	314.778
321.72	152.464	0	153.29	425.955	188.689	0	161.794	425.955	188.815	0	149.529	425.955
321.973	176.02	0	176.409	426.29	217.711	0	185.271	426.29	220.97	0	172.823	426.29
322.226	198.872	0	198.84	426.625	245.892	0	208.068	426.625	251.579	0	194.997	426.625
322.479	221.022	0	220.58	426.96	273.233	0	230.185	426.96	280.641	0	216.052	426.96
322.731	242.469	0	241.63	427.294	299.733	0	251.623	427.294	308.158	0	235.987	427.294

322.984	263.213	0	261.991	427.629	325.393	0	272.381	427.629	334.128	0	254.803	427.629
323.237	283.254	0	281.662	427.964	350.213	0	292.46	427.964	358.553	0	272.499	427.964
323.49	302.592	0	300.642	428.299	374.193	0	311.859	428.299	381.431	0	289.076	428.299
323.743	321.227	0	318.934	428.633	397.332	0	330.578	428.633	402.763	0	304.533	428.633
323.996	339.159	0	336.535	428.968	419.631	0	348.618	428.968	422.549	0	318.87	428.968
324.248	356.388	0	353.446	429.303	441.09	0	365.979	429.303	440.789	0	332.088	429.303

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.002	0	0	0	0.003	0	0	0	0.003	0	0	0	0.003
0.002	0	0	0	0.003	0	0	0	0.003	0	0	0	0.003
0.002	0	0	0	0.003	0.001	0	0	0.003	0.001	0	0.001	0.003
0.002	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003
0.002	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003
0.002	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.002	0	0.001	0.004
0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.002	0	0.002	0.004
0.004	0.002	0	0.002	0.005	0.002	0	0.002	0.005	0.003	0	0.002	0.005
0.004	0.002	0	0.002	0.005	0.002	0	0.002	0.005	0.003	0	0.002	0.006
0.004	0.002	0	0.002	0.005	0.003	0	0.002	0.005	0.003	0	0.003	0.006
0.004	0.002	0	0.002	0.006	0.003	0	0.003	0.006	0.004	0	0.003	0.006
0.005	0.003	0	0.003	0.006	0.003	0	0.003	0.006	0.004	0	0.003	0.007
0.005	0.003	0	0.003	0.006	0.004	0	0.003	0.006	0.004	0	0.003	0.007
0.005	0.003	0	0.003	0.006	0.004	0	0.003	0.006	0.004	0	0.003	0.007
0.005	0.003	0	0.003	0.006	0.004	0	0.003	0.006	0.005	0	0.004	0.008
0.005	0.003	0	0.003	0.007	0.004	0	0.004	0.006	0.005	0	0.004	0.008
0.005	0.004	0	0.004	0.007	0.005	0	0.004	0.007	0.005	0	0.004	0.008
0.005	0.004	0	0.004	0.007	0.005	0	0.004	0.007	0.005	0	0.004	0.008

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.011	0.002	0	0.002	0.011	0.001	0	0.001	0.011	0.001	0	0.001	0.011
0.01	0.003	0	0.003	0.01	0.001	0	0.001	0.01	0.002	0	0.002	0.01
0.008	0.006	0	0.006	0.008	0.002	0	0.002	0.008	0.004	0	0.003	0.008
0.006	0.009	0	0.009	0.006	0.003	0	0.002	0.006	0.006	0	0.005	0.006
0.004	0.011	0	0.011	0.004	0.004	0	0.003	0.004	0.008	0	0.006	0.004
0.003	0.014	0	0.014	0.003	0.004	0	0.004	0.003	0.01	0	0.007	0.003
0.003	0.016	0	0.016	0.003	0.005	0	0.004	0.003	0.011	0	0.008	0.003
0.007	0.023	0	0.022	0.007	0.007	0	0.006	0.007	0.015	0	0.011	0.007
0.011	0.024	0	0.024	0.011	0.007	0	0.006	0.011	0.016	0	0.012	0.011
0.015	0.025	0	0.025	0.015	0.008	0	0.007	0.015	0.016	0	0.012	0.015
0.019	0.026	0	0.026	0.018	0.008	0	0.007	0.018	0.017	0	0.013	0.018
0.021	0.027	0	0.027	0.021	0.008	0	0.007	0.021	0.017	0	0.013	0.021
0.024	0.028	0	0.028	0.023	0.009	0	0.008	0.023	0.018	0	0.014	0.023
0.026	0.029	0	0.029	0.025	0.009	0	0.008	0.025	0.018	0	0.014	0.025
0.027	0.03	0	0.029	0.027	0.009	0	0.008	0.027	0.019	0	0.014	0.027
0.029	0.03	0	0.03	0.028	0.009	0	0.008	0.028	0.019	0	0.015	0.028
0.029	0.031	0	0.031	0.029	0.01	0	0.008	0.029	0.02	0	0.015	0.029
0.029	0.032	0	0.032	0.029	0.01	0	0.009	0.029	0.02	0	0.016	0.029

MDV NCAT	MDV CAT	MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT
0.001	0.122	0.001	0.124	0	0.017	0.009	0.027	0	0.005	0.005	0.01	0
0.001	0.103	0.001	0.105	0.002	0.06	0.013	0.074	0.001	0.022	0.007	0.03	0.003
0.002	0.111	0.001	0.113	0	0.012	0.007	0.019	0	0.005	0.004	0.009	0

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
0.1	0.009	0.028	0.865	0.199	0.042	0.06	0.362	0.103	0.012	0.059	0	0.474

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
13.663	1.651	5.326	947.525	32.178	4.857	11.791	226.369	11.072	2.131	7.664	0	62.219

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
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3.741 8.166 7.336 16.648 13.1 17.951 17.522 2.606 4.635 8.66 6.6 0 5.643

MHD MHD MHD HHD HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT

497.421 1505 1317.888 497.421 497.421 1827.808 1705.411 497.421 497.421 1505 991.706 0 497.421

MHD MHD MHD HHD HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT

0.005 0.014 0.013 0.02 0.005 0.017 0.016 0.008 0.005 0.014 0.01 0 0.006

MHD MHD MHD HHD HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT

0.009 0.254 0.209 0.015 0.015 0.585 0.533 0.015 0.01 0.339 0.171 0 0.011

MHD MHD MHD HHD HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT

0.012 0.012 0.012 0.012 0.012 0.036 0.034 0.012 0.012 0.012 0.012 0 0.012

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	
0.013	0.013	0.013	0.028	0.028	0.028	0.028	0.013	0.013	0.013	0.013		0	0.013

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT				
16.997		0	16.744	4.324	15.935		0	15.325	10.137	17.147		0	17.085		0	14.089

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT				
	0	6.698	6.698		0	0	5.515	5.515		0	0	6.698	6.698		0	0

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	
0.042		0	0.064	1.432	0.09	0	0.307	0.813	0.038	0	0.052	0	0.063
0.081		0	0.077	1.42	0.176	0	0.344	0.806	0.075	0	0.074	0	0.122
0.154		0	0.102	1.433	0.334	0	0.419	0.814	0.141	0	0.115	0	0.231
0.219		0	0.126	1.498	0.473	0	0.495	0.85	0.201	0	0.153	0	0.328
0.275		0	0.149	1.613	0.594	0	0.571	0.916	0.252	0	0.186	0	0.412
0.322		0	0.171	1.779	0.697	0	0.649	1.01	0.295	0	0.216	0	0.483
0.362		0	0.187	1.849	0.782	0	0.701	1.05	0.331	0	0.24	0	0.541
0.312		0	0.159	1.549	0.77	0	0.64	0.88	0.317	0	0.225	0	0.351
0.331		0	0.171	1.686	0.817	0	0.687	0.958	0.336	0	0.24	0	0.373
0.35		0	0.182	1.823	0.863	0	0.733	1.035	0.355	0	0.254	0	0.394
0.368		0	0.192	1.96	0.907	0	0.779	1.113	0.373	0	0.268	0	0.414
0.385		0	0.203	2.098	0.949	0	0.824	1.191	0.39	0	0.281	0	0.433
0.401		0	0.214	2.235	0.99	0	0.868	1.269	0.407	0	0.294	0	0.452
0.418		0	0.224	2.372	1.03	0	0.912	1.347	0.424	0	0.307	0	0.47
0.433		0	0.234	2.509	1.068	0	0.954	1.425	0.439	0	0.319	0	0.487
0.448		0	0.244	2.646	1.104	0	0.997	1.503	0.454	0	0.331	0	0.504
0.462		0	0.253	2.784	1.139	0	1.038	1.581	0.469	0	0.343	0	0.52
0.476		0	0.263	2.921	1.173	0	1.079	1.659	0.483	0	0.354	0	0.535

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	
13.213		0	8.832	302.123	22.181	0	66.172	69.562	12.041	0	9.822	0	19.354
25.889		0	12.586	267.537	43.461	0	69.511	61.599	23.592	0	16.618	0	37.921
49.63		0	19.672	206.523	83.316	0	76.463	47.551	45.227	0	29.378	0	72.697
71.224		0	26.195	156.387	119.567	0	83.779	36.007	64.905	0	41.026	0	104.328
90.67		0	32.155	117.128	152.213	0	91.46	26.968	82.626	0	51.564	0	132.812
107.969		0	37.552	88.748	181.253	0	99.506	20.434	98.39	0	60.991	0	158.152
123.12		0	42.386	71.246	206.689	0	107.917	16.404	112.198	0	69.307	0	180.346
98.952		0	36.472	222.674	186.662	0	126.812	51.269	98.72	0	62.277	0	118.199
101.844		0	39.322	351.842	192.118	0	153.258	81.01	101.606	0	65.091	0	121.654
104.832		0	42.005	467.321	197.755	0	177.249	107.598	104.587	0	67.853	0	125.223
107.916		0	44.521	569.11	203.571	0	198.784	131.034	107.663	0	70.561	0	128.906
111.094		0	46.87	657.21	209.567	0	217.863	151.319	110.834	0	73.217	0	132.703
114.368		0	49.051	731.62	215.743	0	234.488	168.451	114.1	0	75.821	0	136.614
117.738		0	51.066	792.34	222.099	0	248.657	182.431	117.462	0	78.372	0	140.639
121.202		0	52.914	839.37	228.635	0	260.37	193.26	120.919	0	80.87	0	144.778
124.762		0	54.594	872.711	235.351	0	269.628	200.936	124.47	0	83.316	0	149.03
128.418		0	56.108	892.362	242.246	0	276.431	205.461	128.117	0	85.709	0	153.397
132.168		0	57.454	898.323	249.322	0	280.778	206.834	131.859	0	88.049	0	157.877

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	
2.127		0	0.779	4.496	5.213	0	3.222	1.044	2.311	0	1.452	0	1.175
3.205		0	1.147	4.887	7.854	0	4.505	1.134	3.482	0	2.173	0	1.77
5.098		0	1.793	5.599	12.493	0	6.763	1.299	5.538	0	3.438	0	2.816

6.641	0	2.32	6.215	16.273	0	8.609	1.443	7.214	0	4.47	0	3.668
7.833	0	2.728	6.736	19.195	0	10.044	1.564	8.509	0	5.267	0	4.326
8.675	0	3.017	7.162	21.257	0	11.068	1.662	9.423	0	5.831	0	4.791
9.166	0	3.186	7.494	22.46	0	11.681	1.739	9.956	0	6.16	0	5.062
9.291	0	3.231	7.648	22.761	0	11.848	1.775	10.09	0	6.244	0	5.138
9.257	0	3.217	7.466	22.678	0	11.775	1.733	10.053	0	6.219	0	5.119
9.205	0	3.196	7.224	22.55	0	11.672	1.677	9.997	0	6.183	0	5.09
9.135	0	3.168	6.923	22.378	0	11.537	1.607	9.921	0	6.134	0	5.051
9.047	0	3.133	6.562	22.162	0	11.372	1.523	9.825	0	6.072	0	5.002
8.941	0	3.091	6.143	21.902	0	11.175	1.426	9.709	0	5.998	0	4.944
8.816	0	3.043	5.665	21.597	0	10.946	1.315	9.574	0	5.911	0	4.875
8.674	0	2.987	5.127	21.249	0	10.687	1.19	9.42	0	5.812	0	4.796
8.514	0	2.925	4.53	20.856	0	10.396	1.051	9.246	0	5.701	0	4.708
8.335	0	2.855	3.874	20.419	0	10.075	0.899	9.052	0	5.577	0	4.609
8.139	0	2.779	3.159	19.938	0	9.722	0.733	8.839	0	5.44	0	4.5

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
9.546	0	14.27	170.667	9.546	0	36.013	170.667	9.546	0	11.85	0	9.546
19.039	0	18.4	185.2	19.039	0	43.057	185.2	19.039	0	18.177	0	19.039
37.866	0	26.552	213.408	37.866	0	56.913	213.408	37.866	0	30.702	0	37.866
56.482	0	34.559	240.47	56.482	0	70.46	240.47	56.482	0	43.058	0	56.482
74.887	0	42.42	266.386	74.887	0	83.698	266.386	74.887	0	55.244	0	74.887
93.081	0	50.136	291.155	93.081	0	96.627	291.155	93.081	0	67.26	0	93.081
111.063	0	57.707	314.778	111.063	0	109.246	314.778	111.063	0	79.107	0	111.063
188.899	0	91.056	425.955	188.899	0	165.522	425.955	188.899	0	130.698	0	188.899
223.17	0	102.587	426.29	223.17	0	181.288	426.29	223.17	0	151.704	0	223.17
255.419	0	113.44	426.625	255.419	0	196.127	426.625	255.419	0	171.47	0	255.419
285.644	0	123.613	426.96	285.644	0	210.039	426.96	285.644	0	189.998	0	285.644
313.847	0	133.106	427.295	313.847	0	223.024	427.295	313.847	0	207.286	0	313.847

340.027	0	141.921	427.629	340.027	0	235.082	427.629	340.027	0	223.335	0	340.027
364.184	0	150.055	427.964	364.184	0	246.214	427.964	364.184	0	238.145	0	364.184
386.318	0	157.511	428.299	386.318	0	256.418	428.299	386.319	0	251.716	0	386.319
406.43	0	164.287	428.633	406.43	0	265.696	428.633	406.43	0	264.048	0	406.43
424.519	0	170.384	428.968	424.519	0	274.047	428.968	424.519	0	275.141	0	424.519
440.586	0	175.802	429.303	440.586	0	281.471	429.303	440.586	0	284.995	0	440.586

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
0	0	0	0.007	0	0	0.001	0.003	0	0	0	0.503	0
0.001	0	0	0.006	0.001	0	0.002	0.003	0.001	0	0	0.503	0.001
0.001	0	0.001	0.006	0.002	0	0.002	0.003	0.001	0	0.001	0.503	0.002
0.002	0	0.001	0.005	0.003	0	0.002	0.003	0.002	0	0.001	0.503	0.002
0.002	0	0.001	0.005	0.003	0	0.002	0.003	0.002	0	0.001	0.503	0.003
0.003	0	0.001	0.005	0.004	0	0.003	0.004	0.003	0	0.002	0.503	0.004
0.003	0	0.001	0.005	0.005	0	0.003	0.004	0.003	0	0.002	0.503	0.004
0.003	0	0.002	0.008	0.005	0	0.004	0.005	0.003	0	0.002	0.503	0.004
0.004	0	0.002	0.01	0.005	0	0.004	0.006	0.004	0	0.003	0.503	0.004
0.004	0	0.002	0.012	0.006	0	0.005	0.006	0.004	0	0.003	0.503	0.005
0.005	0	0.002	0.014	0.006	0	0.005	0.007	0.005	0	0.003	0.503	0.005
0.005	0	0.002	0.015	0.007	0	0.006	0.007	0.005	0	0.003	0.503	0.005
0.005	0	0.002	0.016	0.007	0	0.006	0.007	0.005	0	0.003	0.503	0.006
0.005	0	0.002	0.017	0.007	0	0.007	0.007	0.005	0	0.004	0.503	0.006
0.006	0	0.002	0.018	0.008	0	0.007	0.008	0.006	0	0.004	0.503	0.006
0.006	0	0.003	0.018	0.008	0	0.007	0.008	0.006	0	0.004	0.503	0.006
0.006	0	0.003	0.019	0.008	0	0.007	0.008	0.006	0	0.004	0.503	0.007
0.006	0	0.003	0.019	0.009	0	0.007	0.008	0.006	0	0.004	0.503	0.007

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	
0.002		0	0.001	0.011	0.002	0	0.003	0.011	0.001	0	0.001	0	0.001
0.003		0	0.002	0.01	0.004	0	0.003	0.01	0.003	0	0.002	0	0.002
0.006		0	0.002	0.008	0.007	0	0.005	0.008	0.005	0	0.004	0	0.005
0.008		0	0.003	0.006	0.01	0	0.006	0.006	0.008	0	0.005	0	0.007
0.01		0	0.004	0.004	0.012	0	0.006	0.004	0.01	0	0.006	0	0.009
0.012		0	0.004	0.003	0.015	0	0.007	0.003	0.012	0	0.007	0	0.01
0.014		0	0.005	0.003	0.017	0	0.008	0.003	0.014	0	0.008	0	0.012
0.019		0	0.007	0.007	0.023	0	0.012	0.007	0.019	0	0.012	0	0.016
0.02		0	0.007	0.011	0.024	0	0.013	0.011	0.019	0	0.012	0	0.017
0.021		0	0.008	0.015	0.024	0	0.014	0.015	0.02	0	0.013	0	0.017
0.021		0	0.008	0.018	0.025	0	0.015	0.018	0.02	0	0.013	0	0.018
0.022		0	0.009	0.021	0.026	0	0.016	0.021	0.021	0	0.014	0	0.018
0.023		0	0.009	0.023	0.027	0	0.017	0.023	0.022	0	0.014	0	0.019
0.023		0	0.009	0.025	0.027	0	0.017	0.025	0.022	0	0.015	0	0.019
0.024		0	0.01	0.027	0.028	0	0.018	0.027	0.023	0	0.015	0	0.02
0.025		0	0.01	0.028	0.029	0	0.019	0.028	0.024	0	0.015	0	0.02
0.025		0	0.01	0.029	0.03	0	0.019	0.029	0.024	0	0.016	0	0.021
0.026		0	0.011	0.029	0.031	0	0.019	0.029	0.025	0	0.016	0	0.022

MHD CAT	MHD DSL	MHD ALL	HHD NCAT	HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT
0.003	0.013	0.016	0	0.002	0.019	0.021	0	0.002	0.001	0.003	0	0
0.014	0.026	0.043	0.002	0.004	0.003	0.008	0	0.006	0.004	0.01	0	0
0.002	0.006	0.009	0	0.001	0.004	0.005	0	0.001	0.001	0.002	0	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0.026	0.087	0.22	0.159	0	0.205	0.33	0.089	0.015	0.036	0.347	0.079	0.004

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
2.216	10.326	30.482	13.343	0	26.313	209.685	19.958	2.697	11.709	218.766	25.605	0.775

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
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UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0.013	0.013	0.006	0.006	0	0.006	0.013	0.013	0.013	0.013	0.013	0.013	0.013

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	14.089	53.063	56.768	0	53.964	10.483	16.683	0	15.603	10.292	16.426	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
3.77	3.77	0	0	0	0	0	0	0	6.698	6.698	0	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	
	0	0.008	0.149	0.021	0	0.124	0.712	0.031	0	0.027	0.768	0.033	0
	0	0.016	0.148	0.042	0	0.127	0.706	0.06	0	0.031	0.761	0.065	0
	0	0.031	0.149	0.079	0	0.135	0.712	0.113	0	0.039	0.768	0.123	0
	0	0.044	0.156	0.112	0	0.147	0.744	0.161	0	0.047	0.803	0.174	0
	0	0.056	0.168	0.141	0	0.162	0.802	0.202	0	0.055	0.865	0.218	0
	0	0.065	0.185	0.166	0	0.181	0.884	0.237	0	0.063	0.954	0.256	0
	0	0.073	0.192	0.186	0	0.191	0.919	0.265	0	0.068	0.991	0.287	0
	0	0.047	0.161	0.151	0	0.159	0.77	0.261	0	0.063	0.83	0.22	0
	0	0.05	0.175	0.146	0	0.17	0.838	0.277	0	0.067	0.904	0.234	0
	0	0.053	0.19	0.154	0	0.183	0.906	0.293	0	0.072	0.977	0.247	0
	0	0.056	0.204	0.162	0	0.196	0.974	0.308	0	0.076	1.051	0.259	0
	0	0.059	0.218	0.17	0	0.209	1.043	0.322	0	0.08	1.124	0.271	0
	0	0.061	0.232	0.177	0	0.222	1.111	0.336	0	0.084	1.198	0.283	0
	0	0.063	0.247	0.184	0	0.234	1.179	0.35	0	0.088	1.271	0.295	0
	0	0.066	0.261	0.191	0	0.247	1.247	0.363	0	0.092	1.345	0.305	0
	0	0.068	0.275	0.197	0	0.26	1.315	0.375	0	0.096	1.419	0.316	0
	0	0.07	0.289	0.204	0	0.273	1.383	0.387	0	0.1	1.492	0.326	0
	0	0.072	0.304	0.21	0	0.285	1.452	0.398	0	0.104	1.566	0.336	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	2.616	6.629	2.431	0	5.81	64.435	8.864	0	3.32	67.258	11.376	0
0	5.125	5.87	4.763	0	5.654	57.059	17.367	0	4.345	59.558	22.29	0
0	9.825	4.531	9.131	0	5.429	44.046	33.294	0	6.289	45.975	42.731	0
0	14.101	3.431	13.103	0	5.319	33.353	47.781	0	8.094	34.814	61.323	0
0	17.95	2.57	16.681	0	5.325	24.981	60.826	0	9.758	26.075	78.066	0
0	21.375	1.947	19.864	0	5.445	18.928	72.431	0	11.282	19.757	92.961	0
0	24.375	1.563	22.651	0	5.68	15.195	82.596	0	12.666	15.861	106.006	0
0	15.975	4.886	19.385	0	7.716	47.491	74.616	0	12.496	49.571	77.93	0
0	16.442	7.72	16.766	0	9.486	75.039	76.797	0	13.678	78.326	80.208	0
0	16.925	10.254	17.258	0	11.621	99.668	79.05	0	14.78	104.034	82.561	0
0	17.422	12.487	17.766	0	13.518	121.377	81.375	0	15.8	126.694	84.989	0
0	17.936	14.42	18.289	0	15.176	140.166	83.772	0	16.741	146.306	87.492	0
0	18.464	16.053	18.828	0	16.595	156.036	86.241	0	17.601	162.871	90.071	0
0	19.008	17.385	19.383	0	17.775	168.986	88.782	0	18.38	176.388	92.724	0
0	19.568	18.417	19.953	0	18.717	179.016	91.394	0	19.079	186.858	95.453	0
0	20.142	19.149	20.539	0	19.42	186.127	94.079	0	19.697	194.28	98.257	0
0	20.732	19.58	21.141	0	19.885	190.318	96.835	0	20.234	198.655	101.136	0
0	21.338	19.711	21.758	0	20.111	191.59	99.664	0	20.692	199.982	104.09	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	0.159	0.277	0.072	0	0.237	0.919	1.283	0	0.218	0.987	1.311	0
0	0.239	0.301	0.108	0	0.263	0.999	1.933	0	0.316	1.073	1.976	0
0	0.381	0.345	0.172	0	0.311	1.144	3.074	0	0.49	1.23	3.143	0

0	0.496	0.383	0.224	0	0.352	1.27	4.005	0	0.631	1.365	4.094	0
0	0.585	0.415	0.264	0	0.385	1.376	4.723	0	0.74	1.479	4.828	0
0	0.648	0.441	0.293	0	0.412	1.464	5.231	0	0.818	1.573	5.347	0
0	0.684	0.461	0.309	0	0.432	1.531	5.527	0	0.864	1.646	5.65	0
0	0.694	0.471	0.312	0	0.44	1.563	5.601	0	0.876	1.68	5.73	0
0	0.692	0.46	0.312	0	0.431	1.526	5.581	0	0.871	1.64	5.709	0
0	0.688	0.445	0.311	0	0.419	1.476	5.549	0	0.865	1.587	5.677	0
0	0.683	0.426	0.308	0	0.403	1.415	5.507	0	0.857	1.52	5.634	0
0	0.676	0.404	0.305	0	0.385	1.341	5.454	0	0.847	1.441	5.579	0
0	0.668	0.378	0.302	0	0.363	1.255	5.39	0	0.835	1.349	5.514	0
0	0.659	0.349	0.297	0	0.339	1.157	5.315	0	0.821	1.244	5.437	0
0	0.648	0.316	0.293	0	0.311	1.048	5.229	0	0.805	1.126	5.35	0
0	0.636	0.279	0.287	0	0.281	0.926	5.132	0	0.786	0.995	5.251	0
0	0.623	0.239	0.281	0	0.247	0.792	5.025	0	0.766	0.851	5.141	0
0	0.608	0.194	0.275	0	0.21	0.646	4.906	0	0.744	0.694	5.02	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	1.29	33.551	1.817	0	27.356	170.667	9.546	0	6.736	170.667	9.546	0
0	2.573	36.408	3.625	0	30.008	185.2	19.039	0	8.591	185.2	19.039	0
0	5.118	41.953	7.209	0	35.171	213.408	37.866	0	12.251	213.408	37.866	0
0	7.634	47.273	10.753	0	40.144	240.47	56.482	0	15.844	240.47	56.482	0
0	10.121	52.368	14.257	0	44.928	266.386	74.887	0	19.369	266.386	74.887	0
0	12.58	57.237	17.721	0	49.523	291.155	93.081	0	22.828	291.155	93.081	0
0	15.011	61.881	21.145	0	53.929	314.778	111.063	0	26.22	314.778	111.063	0
0	25.531	83.737	35.963	0	74.411	425.955	188.899	0	41.179	425.955	188.899	0
0	30.163	83.803	42.488	0	75.738	426.29	223.17	0	46.248	426.29	223.17	0
0	34.521	83.868	48.627	0	76.989	426.625	255.419	0	51.019	426.625	255.419	0
0	38.607	83.934	54.382	0	78.165	426.96	285.644	0	55.491	426.96	285.644	0
0	42.418	84	59.751	0	79.267	427.294	313.847	0	59.664	427.294	313.847	0

0	45.957	84.066	64.736	0	80.292	427.629	340.027	0	63.539	427.629	340.027	0
0	49.222	84.132	69.335	0	81.243	427.964	364.184	0	67.116	427.964	364.184	0
0	52.213	84.197	73.549	0	82.119	428.299	386.319	0	70.393	428.299	386.319	0
0	54.932	84.263	77.378	0	82.919	428.633	406.43	0	73.372	428.633	406.43	0
0	57.376	84.329	80.822	0	83.644	428.968	424.519	0	76.053	428.968	424.519	0
0	59.548	84.395	83.88	0	84.294	429.303	440.586	0	78.435	429.303	440.585	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	0	0	0	0.052	0	0.003	0	0	0	0.003	0	0
0	0	0.001	0	0.052	0	0.003	0	0	0	0.003	0.001	0
0	0	0.001	0	0.052	0	0.003	0.001	0	0	0.003	0.001	0
0	0	0.001	0	0.052	0.001	0.003	0.001	0	0	0.003	0.002	0
0	0	0.001	0	0.052	0.001	0.003	0.002	0	0	0.003	0.002	0
0	0	0.001	0.001	0.052	0.001	0.003	0.002	0	0	0.004	0.002	0
0	0.001	0.001	0.001	0.052	0.001	0.004	0.002	0	0	0.004	0.003	0
0	0.001	0.001	0.001	0.052	0.001	0.005	0.003	0	0.001	0.005	0.003	0
0	0.001	0.001	0.001	0.052	0.001	0.006	0.003	0	0.001	0.006	0.003	0
0	0.001	0.001	0.001	0.052	0.001	0.006	0.004	0	0.001	0.006	0.004	0
0	0.001	0.001	0.001	0.052	0.001	0.006	0.004	0	0.001	0.006	0.004	0
0	0.001	0.001	0.001	0.052	0.001	0.007	0.004	0	0.001	0.007	0.004	0
0	0.001	0.001	0.001	0.052	0.001	0.007	0.005	0	0.001	0.007	0.005	0
0	0.001	0.001	0.001	0.052	0.001	0.007	0.005	0	0.001	0.007	0.005	0
0	0.001	0.001	0.001	0.052	0.001	0.007	0.005	0	0.001	0.008	0.005	0
0	0.001	0.001	0.001	0.052	0.001	0.008	0.006	0	0.001	0.008	0.006	0
0	0.001	0.001	0.001	0.052	0.001	0.008	0.006	0	0.001	0.008	0.006	0
0	0.001	0.001	0.001	0.052	0.001	0.008	0.006	0	0.001	0.008	0.006	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL
0	0	0.02	0	0	0.016	0.011	0.001	0	0	0.011	0	0
0	0	0.017	0	0	0.014	0.01	0.001	0	0.001	0.01	0.001	0
0	0.001	0.013	0.001	0	0.011	0.008	0.003	0	0.001	0.008	0.001	0
0	0.001	0.01	0.001	0	0.008	0.006	0.004	0	0.001	0.006	0.002	0
0	0.001	0.008	0.001	0	0.006	0.004	0.005	0	0.001	0.004	0.002	0
0	0.001	0.006	0.002	0	0.005	0.003	0.006	0	0.001	0.003	0.003	0
0	0.002	0.005	0.002	0	0.004	0.003	0.006	0	0.001	0.003	0.003	0
0	0.002	0.013	0.002	0	0.011	0.007	0.009	0	0.002	0.007	0.004	0
0	0.002	0.02	0.002	0	0.016	0.011	0.009	0	0.002	0.011	0.004	0
0	0.002	0.026	0.002	0	0.022	0.015	0.009	0	0.002	0.015	0.005	0
0	0.002	0.032	0.003	0	0.026	0.018	0.01	0	0.002	0.018	0.005	0
0	0.002	0.037	0.003	0	0.03	0.021	0.01	0	0.002	0.021	0.005	0
0	0.003	0.041	0.003	0	0.034	0.023	0.01	0	0.002	0.023	0.005	0
0	0.003	0.045	0.003	0	0.036	0.025	0.011	0	0.002	0.025	0.005	0
0	0.003	0.047	0.003	0	0.039	0.027	0.011	0	0.002	0.027	0.005	0
0	0.003	0.049	0.003	0	0.04	0.028	0.011	0	0.003	0.028	0.005	0
0	0.003	0.05	0.003	0	0.041	0.029	0.012	0	0.003	0.029	0.006	0
0	0.003	0.051	0.003	0	0.041	0.029	0.012	0	0.003	0.029	0.006	0

UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	
0.001	0.001	0.007	0.002	0	0.01	0	0	0	0.001	0.001	0	0.004	0
0	0	0.01	0.002	0	0.012	0	0	0	0	0	0	0	0
0	0	0.032	0.008	0	0.04	0	0	0	0.001	0.001	0.001	0.012	0.001

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
0.09	0.308	0.041	0.018	0.044

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
36.588	87.533	4.661	2.121	6.103

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL

2.825 2.442 0.602 8.77 1.174

MH ALL ALL ALL ALL
ALL NCAT CAT DSL ALL

605.239 314.332 390.064 1125.4 436.933

MH ALL ALL ALL ALL
ALL NCAT CAT DSL ALL

0.006 0.004 0.004 0.011 0.004

MH ALL ALL ALL ALL
ALL NCAT CAT DSL ALL

0.022 0.03 0.015 0.261 0.032

MH ALL ALL ALL ALL
ALL NCAT CAT DSL ALL

0.012 0.007 0.008 0.018 0.009

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
0.013	0.01	0.013	0.017	0.013

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
15.941	28.762	22.901	0	23.023

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
6.698	0	0	14.375	14.375

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
0.092	0.377	0.009	0	0.02
0.117	0.373	0.017	0	0.027
0.165	0.377	0.032	0	0.041
0.21	0.394	0.046	0	0.054
0.252	0.424	0.058	0	0.066
0.291	0.468	0.068	0	0.076
0.319	0.487	0.077	0	0.085
0.251	0.408	0.085	0	0.09
0.268	0.444	0.077	0	0.084
0.285	0.48	0.082	0	0.089
0.301	0.516	0.086	0	0.094
0.317	0.552	0.09	0	0.099
0.333	0.588	0.094	0	0.103
0.349	0.624	0.098	0	0.108
0.364	0.66	0.102	0	0.113
0.379	0.696	0.106	0	0.117
0.393	0.732	0.109	0	0.122
0.407	0.768	0.113	0	0.126

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
15.002	39.329	1.95	0	2.99
23.305	34.826	3.826	0	4.537
38.926	26.884	7.355	0	7.465
53.234	20.357	10.588	0	10.17
66.23	15.247	13.523	0	12.652
77.914	11.553	16.161	0	14.911
88.286	9.274	18.503	0	16.947
68.099	28.986	20.496	0	19.36
72.393	45.801	17.473	0	17.167
76.491	60.833	18.191	0	18.285
80.393	74.083	18.885	0	19.326
84.1	85.552	19.556	0	20.289
87.612	95.238	20.202	0	21.175
90.928	103.142	20.825	0	21.984
94.049	109.264	21.423	0	22.715
96.975	113.604	21.998	0	23.369
99.705	116.162	22.549	0	23.945
102.24	116.938	23.077	0	24.444

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
1.159	1.017	0.53	0	0.509
1.711	1.106	0.668	0	0.636
2.681	1.267	0.91	0	0.859

3.473	1.406	1.109	0	1.043
4.085	1.524	1.264	0	1.186
4.519	1.621	1.376	0	1.29
4.773	1.696	1.444	0	1.353
4.842	1.731	1.495	0	1.4
4.821	1.689	1.514	0	1.416
4.79	1.635	1.504	0	1.405
4.749	1.567	1.49	0	1.391
4.698	1.485	1.472	0	1.372
4.636	1.39	1.45	0	1.349
4.565	1.282	1.424	0	1.322
4.483	1.16	1.393	0	1.29
4.391	1.025	1.358	0	1.254
4.288	0.877	1.318	0	1.214
4.176	0.715	1.275	0	1.17

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
22.221	102.268	11.607	0	13.659
31.233	110.977	15.561	0	17.492
49.054	127.88	23.778	0	25.419
66.606	144.096	32.406	0	33.694
83.887	159.625	41.445	0	42.319
100.898	174.468	50.895	0	51.291
117.64	188.623	60.757	0	60.613
190.858	255.244	120.32	0	116.322
218.995	255.445	139.236	0	133.356
245.474	255.645	157.523	0	149.824
270.294	255.846	175.181	0	165.726
293.455	256.046	192.211	0	181.062

314.956	256.247	208.612	0	195.832
334.798	256.448	224.385	0	210.036
352.982	256.648	239.529	0	223.675
369.506	256.849	254.044	0	236.747
384.371	257.049	267.93	0	249.254
397.577	257.25	281.188	0	261.195

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
0	0.002	0	0	0
0.001	0.002	0	0	0
0.001	0.002	0	0	0
0.002	0.002	0	0	0.001
0.002	0.002	0.001	0	0.001
0.002	0.002	0.001	0	0.001
0.003	0.002	0.001	0	0.001
0.003	0.003	0.002	0	0.001
0.003	0.003	0.002	0	0.002
0.004	0.004	0.002	0	0.002
0.004	0.004	0.002	0	0.002
0.004	0.004	0.002	0	0.002
0.005	0.004	0.002	0	0.002
0.005	0.004	0.003	0	0.002
0.005	0.004	0.003	0	0.003
0.005	0.004	0.003	0	0.003
0.005	0.005	0.003	0	0.003
0.006	0.005	0.003	0	0.003

MH	ALL	ALL	ALL	ALL
ALL	NCAT	CAT	DSL	ALL
0.001	0.014	0.001	0	0.002
0.001	0.012	0.002	0	0.003
0.002	0.009	0.005	0	0.005
0.002	0.007	0.007	0	0.006
0.002	0.005	0.009	0	0.008
0.003	0.004	0.01	0	0.01
0.003	0.003	0.012	0	0.011
0.004	0.009	0.017	0	0.016
0.005	0.014	0.018	0	0.017
0.005	0.018	0.019	0	0.018
0.005	0.022	0.02	0	0.018
0.006	0.026	0.02	0	0.019
0.006	0.029	0.021	0	0.02
0.006	0.031	0.022	0	0.021
0.007	0.033	0.022	0	0.021
0.007	0.034	0.023	0	0.022
0.007	0.035	0.024	0	0.022
0.007	0.035	0.024	0	0.023

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
	0	0	0	0	0

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
	0	0	0	0	0

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
	0	0	0	0	0

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
	0	0	0	0	0

MH	ALL	ALL	ALL	ALL	
ALL	NCAT	CAT	DSL	ALL	
0.005	0.019	0.915	0.066		1
0	0.031	0.9	0.068		1
0.014	0.059	0.9	0.041		1

5 minutes (about 25% of in-use trips).

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Methane Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	0.227	0.008	0.004	0.008	0.201	0.015	0.003	0.015	0.215	0.015	0.003	0.015	0.477	0.019

Pollutant Name: Carbon Monoxide Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	45.428	0.828	0.521	0.831	65.512	1.849	0.451	1.854	74.817	1.49	0.457	1.495	215.749	1.795

Pollutant Name: Oxides of Nitrogen Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	1.791	0.073	1.21	0.074	1.567	0.168	1.237	0.181	1.932	0.178	1.237	0.18	5.291	0.23

Pollutant Name: Carbon Dioxide Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	427.432	302.767	349.657	302.81	439.365	380.961	346.689	380.582	440.022	386.797	346.715	386.75	600.497	527.235

Pollutant Name: Sulfur Dioxide Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	0.005	0.003	0.003	0.003	0.005	0.004	0.003	0.004	0.005	0.004	0.003	0.004	0.009	0.005

Pollutant Name: PM10 Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	0.027	0.009	0.064	0.009	0.02	0.011	0.041	0.011	0.031	0.021	0.043	0.021	0.028	0.022

Pollutant Name: PM10 - Tire Wear Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
35	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008

Pollutant Name: PM10 - Brake Wear Temperature: 62F Relative Humidity: 30%

Speed MPH	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
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35 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013

Pollutant Name: Gasoline - mi/gal Temperature: 62F Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2	MDV	MDV
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT

35 17.42 29.136 0 29.135 16.105 23.076 0 23.073 15.64 22.765 0 22.764 9.133 16.713

Pollutant Name: Diesel - mi/gal Temperature: 62F Relative Humidity: 30%

Speed	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2	MDV	MDV
MPH	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT

35 0 0 28.828 28.828 0 0 29.074 29.074 0 0 29.072 29.072 0 0

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average

Basin Average

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Methane

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT	
5	0.116	0.001		0	0.001	0.087	0.002	0	0.002	0.101	0.002	0	0.002	0.367	0.002
10	0.115	0.002		0	0.003	0.087	0.004	0	0.004	0.1	0.004	0	0.004	0.364	0.005
20	0.116	0.005		0	0.005	0.088	0.008	0	0.008	0.101	0.007	0	0.007	0.368	0.009
30	0.121	0.007		0	0.007	0.091	0.012	0	0.012	0.106	0.01	0	0.01	0.384	0.013
40	0.13	0.009		0	0.009	0.099	0.015	0	0.015	0.114	0.012	0	0.012	0.414	0.017
50	0.144	0.01		0	0.01	0.109	0.018	0	0.018	0.126	0.015	0	0.015	0.456	0.02
60	0.15	0.012		0	0.012	0.113	0.02	0	0.02	0.131	0.017	0	0.017	0.475	0.023
120	0.125	0.015		0	0.015	0.095	0.025	0	0.024	0.11	0.023	0	0.023	0.397	0.032
180	0.136	0.012		0	0.013	0.103	0.021	0	0.021	0.119	0.019	0	0.019	0.433	0.026
240	0.147	0.013		0	0.013	0.111	0.023	0	0.022	0.129	0.02	0	0.02	0.468	0.028
300	0.159	0.014		0	0.014	0.12	0.024	0	0.023	0.139	0.021	0	0.021	0.503	0.029
360	0.17	0.015		0	0.015	0.128	0.025	0	0.025	0.148	0.022	0	0.022	0.538	0.031
420	0.181	0.015		0	0.015	0.137	0.026	0	0.026	0.158	0.024	0	0.024	0.573	0.032
480	0.192	0.016		0	0.016	0.145	0.027	0	0.027	0.168	0.025	0	0.025	0.609	0.034
540	0.203	0.017		0	0.017	0.153	0.028	0	0.028	0.178	0.026	0	0.026	0.644	0.035
600	0.214	0.017		0	0.017	0.162	0.029	0	0.029	0.187	0.027	0	0.027	0.679	0.037
660	0.225	0.018		0	0.018	0.17	0.03	0	0.03	0.197	0.028	0	0.028	0.714	0.038
720	0.236	0.019		0	0.019	0.178	0.031	0	0.031	0.207	0.029	0	0.029	0.749	0.04

Pollutant Name: Carbon Monoxide

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT	
5	11.302	0.283		0	0.285	16.361	0.548	0	0.547	18.355	0.42	0	0.421	54.053	0.536
10	10.009	0.557		0	0.558	14.488	1.077	0	1.066	16.254	0.828	0	0.828	47.865	1.056
20	7.726	1.077		0	1.077	11.184	2.077	0	2.048	12.547	1.603	0	1.602	36.949	2.044
30	5.85	1.56		0	1.559	8.469	2.999	0	2.955	9.501	2.327	0	2.324	27.979	2.965
40	4.382	2.005		0	2.003	6.343	3.845	0	3.785	7.116	2.998	0	2.994	20.956	3.818
50	3.32	2.414		0	2.411	4.806	4.612	0	4.54	5.392	3.618	0	3.612	15.878	4.605

60	2.665	2.785	0	2.781	3.858	5.303	0	5.218	4.329	4.185	0	4.178	12.747	5.324
120	8.33	3.805	0	3.801	12.058	6.743	0	6.639	13.528	5.93	0	5.92	39.839	7.529
180	13.162	2.925	0	2.923	19.053	5.362	0	5.284	21.376	4.521	0	4.515	62.949	5.718
240	17.483	3.101	0	3.1	25.306	5.64	0	5.56	28.392	4.821	0	4.815	83.609	6.089
300	21.291	3.263	0	3.262	30.819	5.899	0	5.818	34.576	5.092	0	5.086	101.82	6.426
360	24.586	3.409	0	3.409	35.589	6.14	0	6.056	39.928	5.335	0	5.329	117.582	6.728
420	27.37	3.541	0	3.54	39.619	6.362	0	6.277	44.449	5.549	0	5.543	130.895	6.996
480	29.642	3.657	0	3.657	42.907	6.566	0	6.478	48.138	5.735	0	5.729	141.759	7.23
540	31.401	3.758	0	3.759	45.454	6.751	0	6.662	50.995	5.892	0	5.887	150.173	7.428
600	32.648	3.845	0	3.845	47.259	6.917	0	6.826	53.021	6.021	0	6.015	156.138	7.593
660	33.383	3.916	0	3.917	48.323	7.065	0	6.972	54.215	6.121	0	6.116	159.654	7.722
720	33.606	3.972	0	3.973	48.646	7.194	0	7.099	54.577	6.193	0	6.188	160.72	7.818

Pollutant Name: Oxides of Nitrogen

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
5	0.732	0.075	0	0.075	0.641	0.125	0	0.124	0.779	0.187	0	0.187	2.162	0.229
10	0.796	0.087	0	0.087	0.697	0.148	0	0.146	0.847	0.21	0	0.21	2.35	0.259
20	0.911	0.107	0	0.107	0.799	0.189	0	0.186	0.97	0.251	0	0.251	2.692	0.31
30	1.012	0.124	0	0.124	0.886	0.222	0	0.219	1.077	0.286	0	0.285	2.988	0.354
40	1.096	0.137	0	0.137	0.961	0.249	0	0.245	1.167	0.313	0	0.312	3.239	0.388
50	1.166	0.147	0	0.147	1.022	0.268	0	0.264	1.241	0.333	0	0.333	3.444	0.414
60	1.22	0.154	0	0.154	1.069	0.28	0	0.276	1.298	0.347	0	0.346	3.603	0.431
120	1.245	0.162	0	0.162	1.091	0.294	0	0.289	1.325	0.368	0	0.368	3.677	0.457
180	1.215	0.166	0	0.166	1.065	0.3	0	0.296	1.293	0.378	0	0.378	3.59	0.469
240	1.176	0.165	0	0.165	1.03	0.298	0	0.294	1.252	0.376	0	0.375	3.473	0.466
300	1.127	0.163	0	0.163	0.987	0.295	0	0.291	1.199	0.371	0	0.371	3.329	0.461
360	1.068	0.161	0	0.161	0.936	0.292	0	0.287	1.137	0.366	0	0.365	3.155	0.454
420	1	0.158	0	0.158	0.876	0.287	0	0.282	1.064	0.359	0	0.358	2.954	0.445
480	0.922	0.154	0	0.154	0.808	0.281	0	0.276	0.981	0.35	0	0.35	2.724	0.435
540	0.835	0.15	0	0.15	0.731	0.274	0	0.27	0.888	0.34	0	0.34	2.465	0.422
600	0.737	0.146	0	0.146	0.646	0.266	0	0.262	0.785	0.329	0	0.328	2.178	0.408
660	0.631	0.14	0	0.14	0.553	0.257	0	0.253	0.671	0.316	0	0.316	1.863	0.393
720	0.514	0.134	0	0.134	0.451	0.247	0	0.243	0.547	0.302	0	0.301	1.519	0.375

Pollutant Name: Carbon Dioxide Temperature: 62F Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT	
5	111.902	11.582		0	11.585	115.034	13.843	0	13.67	115.202	14.689	0	14.674	157.213	19.791
10	121.432	13.273		0	13.276	124.83	16.222	0	16.015	125.013	16.84	0	16.822	170.602	22.816
20	139.927	17.111		0	17.112	143.843	21.503	0	21.218	144.054	21.719	0	21.695	196.586	29.638
30	157.671	21.558		0	21.556	162.083	27.479	0	27.106	162.321	27.371	0	27.338	221.515	37.489
40	174.663	26.614		0	26.607	179.551	34.152	0	33.678	179.814	33.794	0	33.751	245.387	46.367
50	190.904	32.279		0	32.266	196.246	41.52	0	40.935	196.534	40.988	0	40.934	268.204	56.274
60	206.393	38.552		0	38.533	212.168	49.585	0	48.876	212.48	48.954	0	48.887	289.965	67.209
120	279.289	87.563		0	87.485	287.105	109.82	0	108.169	287.526	111.141	0	110.969	392.379	151.587
180	279.509	99.676		0	99.58	287.331	125.372	0	123.469	287.752	126.523	0	126.323	392.687	172.694
240	279.728	111.706		0	111.593	287.556	140.739	0	138.587	287.978	141.797	0	141.569	392.996	193.626
300	279.948	123.653		0	123.522	287.782	155.919	0	153.522	288.204	156.964	0	156.709	393.304	214.383
360	280.167	135.517		0	135.368	288.008	170.914	0	168.274	288.43	172.025	0	171.742	393.612	234.965
420	280.387	147.297		0	147.131	288.233	185.722	0	182.843	288.656	186.978	0	186.668	393.921	255.372
480	280.606	158.994		0	158.81	288.459	200.345	0	197.229	288.882	201.824	0	201.487	394.229	275.603
540	280.826	170.608		0	170.407	288.685	214.782	0	211.432	289.108	216.562	0	216.199	394.537	295.66
600	281.045	182.138		0	181.92	288.91	229.032	0	225.452	289.334	231.194	0	230.805	394.846	315.541
660	281.265	193.585		0	193.351	289.136	243.097	0	239.289	289.56	245.719	0	245.303	395.154	335.247
720	281.484	204.949		0	204.697	289.361	256.976	0	252.943	289.786	260.136	0	259.695	395.462	354.778

Pollutant Name: Sulfur Dioxide Temperature: 62F Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT	
5	0.001	0	0	0	0	0.001	0	0	0	0.001	0	0	0	0.002	0
10	0.001	0	0	0	0	0.001	0	0	0	0.001	0	0	0	0.003	0
20	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0	0.003	0
30	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0	0.003	0
40	0.002	0	0	0	0	0.002	0	0	0	0.002	0	0	0	0.003	0.001

50	0.002	0	0	0	0.002	0	0	0	0.002	0	0	0	0.003	0.001
60	0.002	0	0	0	0.002	0.001	0	0.001	0.002	0.001	0	0.001	0.003	0.001
120	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.005	0.002
180	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.005	0.002
240	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.003	0.001	0	0.001	0.005	0.002
300	0.003	0.001	0	0.001	0.003	0.002	0	0.002	0.003	0.002	0	0.002	0.006	0.002
360	0.003	0.001	0	0.001	0.003	0.002	0	0.002	0.003	0.002	0	0.002	0.006	0.002
420	0.003	0.001	0	0.001	0.003	0.002	0	0.002	0.004	0.002	0	0.002	0.006	0.003
480	0.003	0.002	0	0.002	0.003	0.002	0	0.002	0.004	0.002	0	0.002	0.006	0.003
540	0.003	0.002	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002	0.006	0.003
600	0.003	0.002	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002	0.006	0.003
660	0.003	0.002	0	0.002	0.004	0.002	0	0.002	0.004	0.002	0	0.002	0.007	0.003
720	0.003	0.002	0	0.002	0.004	0.003	0	0.003	0.004	0.003	0	0.003	0.007	0.004

Pollutant Name: PM10

Temperature: 62F

Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
5	0.011	0.001	0	0.001	0.008	0.001	0	0.001	0.013	0.001	0	0.001	0.012	0.001
10	0.01	0.001	0	0.001	0.007	0.001	0	0.001	0.011	0.003	0	0.003	0.011	0.003
20	0.008	0.002	0	0.002	0.006	0.003	0	0.003	0.009	0.005	0	0.005	0.008	0.005
30	0.006	0.003	0	0.003	0.004	0.004	0	0.004	0.007	0.008	0	0.007	0.006	0.008
40	0.004	0.004	0	0.004	0.003	0.005	0	0.005	0.005	0.01	0	0.01	0.005	0.01
50	0.003	0.005	0	0.005	0.002	0.006	0	0.006	0.004	0.012	0	0.012	0.004	0.012
60	0.003	0.006	0	0.006	0.002	0.007	0	0.007	0.003	0.014	0	0.014	0.003	0.014
120	0.007	0.009	0	0.009	0.005	0.011	0	0.011	0.008	0.022	0	0.022	0.008	0.023
180	0.011	0.01	0	0.01	0.008	0.012	0	0.012	0.013	0.024	0	0.024	0.012	0.025
240	0.015	0.011	0	0.011	0.011	0.013	0	0.013	0.017	0.026	0	0.026	0.016	0.027
300	0.018	0.012	0	0.012	0.014	0.014	0	0.014	0.021	0.028	0	0.028	0.019	0.029
360	0.021	0.013	0	0.013	0.016	0.015	0	0.015	0.024	0.03	0	0.03	0.022	0.03
420	0.023	0.013	0	0.013	0.017	0.016	0	0.015	0.027	0.031	0	0.031	0.025	0.032
480	0.025	0.014	0	0.014	0.019	0.016	0	0.016	0.029	0.032	0	0.032	0.027	0.033
540	0.027	0.014	0	0.014	0.02	0.017	0	0.016	0.031	0.033	0	0.033	0.029	0.034
600	0.028	0.014	0	0.014	0.021	0.017	0	0.017	0.032	0.033	0	0.033	0.03	0.034
660	0.029	0.015	0	0.015	0.021	0.017	0	0.017	0.033	0.034	0	0.034	0.031	0.035

720 0.029 0.015 0 0.015 0.021 0.017 0 0.017 0.033 0.034 0 0.034 0.031 0.035

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Methane Temperature: 62F Relative Humidity: ALL

Time min	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Methane Temperature: ALL Relative Humidity: ALL

Temp degF	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual
 Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Methane				Temperature: ALL				Relative Humidity: ALL						
Temp	LDA	LDA	LDA	LDA	LDT1	LDT1	LDT1	LDT1	LDT2	LDT2	LDT2	LDT2	MDV	MDV
degF	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Title : 2021
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2009/11/11 16:47:58
 Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
 Season : Annual

Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 7: Estimated Travel Fractions

Pollutant Name:	Temperature: ALL				Relative Humidity: ALL									
	LDA NCAT	LDA CAT	LDA DSL	LDA ALL	LDT1 NCAT	LDT1 CAT	LDT1 DSL	LDT1 ALL	LDT2 NCAT	LDT2 CAT	LDT2 DSL	LDT2 ALL	MDV NCAT	MDV CAT
%VMT	0	0.25	0	0.25	0	0.283	0.003	0.287	0	0.257	0	0.258	0	0.117
%TRIP	0	0.222	0	0.223	0	0.258	0.004	0.262	0	0.231	0	0.232	0	0.104
%VEH	0	0.242	0	0.242	0	0.289	0.005	0.294	0	0.252	0	0.253	0	0.113

Title : 2021
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2009/11/11 16:47:58
Scen Year: 2021 -- All model years in the range 1977 to 2021 selected
Season : Annual
Area : Lake Tahoe

Year: 2021 -- Model Years 1977 to 2021 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

Lake Tahoe Basin Average Basin Average

Table 8: Evaporative Running Loss Emissions (grams/minute)

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT	
0.003	0.019	0	0.007	0.005	0.007	0	0.01	0.005	0.007	0	0.018	0.005	0.008	0	

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT	
0.493	1.868	0	0.471	0.646	0.512	0	0.801	0.546	0.687	0	2.007	1.135	1.288	0	

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT	
1.209	0.234	0	0.19	2.241	0.668	0	0.26	1.772	0.935	0	0.671	2.002	1.768	0	

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
346.037	526.963	0	497.421	519.551	502.576	0	497.421	521.182	508.035	0	497.421	1505	1327.595	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0.003	0.005	0	0.005	0.005	0.005	0	0.005	0.005	0.005	0	0.005	0.014	0.013	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0.047	0.022	0	0.006	0.028	0.011	0	0.006	0.023	0.013	0	0.008	0.13	0.109	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0.008	0.008	0	0.012	0.012	0.012	0	0.012	0.012	0.012	0	0.012	0.012	0.012	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
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0.013 0.013 0 0.013 0.013 0.013 0 0.013 0.013 0.013 0 0.013 0.013 0.013 0

MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD MHD MHD MHD HHD
DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

0 16.71 0 17.785 0 17.785 0 17.764 0 17.764 0 17.689 0 17.689 0

MDV MDV LHD1 LHD1 LHD1 LHD1 LHD2 LHD2 LHD2 LHD2 MHD MHD MHD MHD HHD
DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT

29.129 29.129 0 0 19.401 19.401 0 0 19.34 19.34 0 0 6.698 6.698 0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0.003	0	0.004	0	0.004	0	0.006	0	0.004	0	0.018	0	0.005	0
0	0.005	0	0.009	0	0.008	0	0.011	0	0.008	0	0.035	0	0.011	0
0	0.009	0	0.017	0	0.015	0	0.021	0	0.016	0	0.065	0	0.02	0
0	0.013	0	0.024	0	0.022	0	0.031	0	0.023	0	0.093	0	0.029	0
0	0.017	0	0.031	0	0.028	0	0.04	0	0.03	0	0.116	0	0.036	0
0	0.02	0	0.038	0	0.034	0	0.047	0	0.036	0	0.137	0	0.042	0
0	0.023	0	0.044	0	0.039	0	0.054	0	0.041	0	0.153	0	0.047	0
0	0.032	0	0.066	0	0.059	0	0.073	0	0.055	0	0.141	0	0.044	0
0	0.026	0	0.06	0	0.054	0	0.069	0	0.052	0	0.15	0	0.046	0
0	0.028	0	0.064	0	0.057	0	0.073	0	0.055	0	0.158	0	0.049	0
0	0.03	0	0.068	0	0.06	0	0.077	0	0.059	0	0.166	0	0.051	0
0	0.031	0	0.071	0	0.064	0	0.081	0	0.062	0	0.174	0	0.054	0
0	0.033	0	0.075	0	0.067	0	0.085	0	0.065	0	0.182	0	0.056	0
0	0.034	0	0.079	0	0.07	0	0.089	0	0.068	0	0.189	0	0.058	0
0	0.036	0	0.082	0	0.073	0	0.093	0	0.071	0	0.196	0	0.06	0
0	0.037	0	0.086	0	0.076	0	0.097	0	0.074	0	0.203	0	0.063	0
0	0.038	0	0.089	0	0.08	0	0.101	0	0.076	0	0.209	0	0.065	0
0	0.04	0	0.093	0	0.083	0	0.104	0	0.079	0	0.215	0	0.066	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0.557	0	1.063	0	0.945	0	1.438	0	1.09	0	5.5	0	1.697	0
0	1.072	0	2.098	0	1.866	0	2.832	0	2.147	0	10.776	0	3.324	0
0	2.054	0	4.084	0	3.633	0	5.489	0	4.161	0	20.658	0	6.373	0
0	2.969	0	5.96	0	5.302	0	7.971	0	6.043	0	29.646	0	9.145	0
0	3.817	0	7.724	0	6.871	0	10.278	0	7.792	0	37.741	0	11.642	0
0	4.6	0	9.377	0	8.342	0	12.41	0	9.408	0	44.941	0	13.864	0

0	5.316	0	10.919	0	9.714	0	14.366	0	10.891	0	51.248	0	15.809	0
0	7.526	0	15.496	0	13.786	0	18.267	0	13.849	0	43.618	0	13.456	0
0	5.729	0	12.267	0	10.913	0	15.298	0	11.598	0	44.893	0	13.849	0
0	6.108	0	13.253	0	11.79	0	16.343	0	12.389	0	46.21	0	14.255	0
0	6.451	0	14.128	0	12.569	0	17.285	0	13.104	0	47.569	0	14.674	0
0	6.759	0	14.892	0	13.248	0	18.125	0	13.74	0	48.97	0	15.107	0
0	7.032	0	15.545	0	13.829	0	18.862	0	14.3	0	50.414	0	15.552	0
0	7.269	0	16.086	0	14.311	0	19.498	0	14.781	0	51.899	0	16.01	0
0	7.471	0	16.517	0	14.694	0	20.03	0	15.185	0	53.426	0	16.481	0
0	7.637	0	16.836	0	14.978	0	20.461	0	15.512	0	54.995	0	16.965	0
0	7.768	0	17.044	0	15.163	0	20.79	0	15.761	0	56.607	0	17.462	0
0	7.864	0	17.142	0	15.25	0	21.016	0	15.932	0	58.26	0	17.972	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0.23	0	1.286	0	1.144	0	1.2	0	0.91	0	0.973	0	0.3	0
0	0.259	0	1.36	0	1.21	0	1.321	0	1.001	0	1.466	0	0.452	0
0	0.311	0	1.495	0	1.33	0	1.536	0	1.165	0	2.332	0	0.719	0
0	0.354	0	1.611	0	1.433	0	1.717	0	1.301	0	3.038	0	0.937	0
0	0.388	0	1.707	0	1.519	0	1.862	0	1.412	0	3.583	0	1.105	0
0	0.414	0	1.784	0	1.587	0	1.973	0	1.496	0	3.968	0	1.224	0
0	0.431	0	1.843	0	1.639	0	2.048	0	1.553	0	4.193	0	1.293	0
0	0.457	0	2.004	0	1.783	0	2.191	0	1.661	0	4.249	0	1.311	0
0	0.469	0	2.014	0	1.792	0	2.198	0	1.666	0	4.234	0	1.306	0
0	0.466	0	1.998	0	1.778	0	2.182	0	1.654	0	4.21	0	1.299	0
0	0.461	0	1.973	0	1.756	0	2.157	0	1.635	0	4.178	0	1.289	0
0	0.454	0	1.939	0	1.725	0	2.123	0	1.61	0	4.137	0	1.276	0
0	0.445	0	1.895	0	1.685	0	2.08	0	1.577	0	4.089	0	1.261	0
0	0.435	0	1.841	0	1.638	0	2.028	0	1.537	0	4.032	0	1.244	0
0	0.422	0	1.777	0	1.581	0	1.967	0	1.491	0	3.967	0	1.224	0
0	0.408	0	1.704	0	1.516	0	1.896	0	1.437	0	3.894	0	1.201	0
0	0.392	0	1.621	0	1.442	0	1.817	0	1.377	0	3.812	0	1.176	0
0	0.375	0	1.529	0	1.36	0	1.728	0	1.31	0	3.722	0	1.148	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	19.806	0	24.856	0	22.113	0	23.989	0	18.187	0	9.546	0	2.945	0
0	22.829	0	28.53	0	25.381	0	27.993	0	21.222	0	19.039	0	5.873	0
0	29.645	0	36.856	0	32.788	0	36.913	0	27.984	0	37.866	0	11.681	0
0	37.486	0	46.483	0	41.353	0	47.049	0	35.669	0	56.482	0	17.424	0
0	46.352	0	57.414	0	51.076	0	58.403	0	44.276	0	74.887	0	23.102	0
0	56.244	0	69.646	0	61.959	0	70.973	0	53.805	0	93.081	0	28.714	0
0	67.16	0	83.181	0	74	0	84.76	0	64.257	0	111.063	0	34.261	0
0	151.371	0	188.574	0	167.76	0	188.592	0	142.974	0	188.899	0	58.273	0
0	172.426	0	214.707	0	191.008	0	215.186	0	163.135	0	223.17	0	68.845	0
0	193.306	0	240.65	0	214.088	0	241.486	0	183.073	0	255.419	0	78.793	0
0	214.012	0	266.404	0	236.999	0	267.493	0	202.789	0	285.644	0	88.117	0
0	234.543	0	291.968	0	259.741	0	293.206	0	222.283	0	313.847	0	96.818	0
0	254.899	0	317.342	0	282.315	0	318.626	0	241.554	0	340.027	0	104.894	0
0	275.081	0	342.526	0	304.719	0	343.752	0	260.602	0	364.184	0	112.346	0
0	295.088	0	367.521	0	326.955	0	368.585	0	279.428	0	386.319	0	119.174	0
0	314.92	0	392.326	0	349.022	0	393.125	0	298.032	0	406.43	0	125.378	0
0	334.577	0	416.942	0	370.921	0	417.371	0	316.413	0	424.519	0	130.958	0
0	354.06	0	441.368	0	392.651	0	441.323	0	334.572	0	440.586	0	135.915	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0	0.116	0	0	0	0.174	0	0	0	0.174	0	0	0	0.503
0	0	0.116	0	0	0	0.174	0	0	0	0.174	0	0	0	0.503
0	0	0.116	0	0	0	0.174	0	0	0	0.174	0.001	0	0	0.503
0	0	0.116	0.001	0	0	0.174	0.001	0	0	0.174	0.001	0	0	0.503
0	0.001	0.116	0.001	0	0.001	0.174	0.001	0	0.001	0.174	0.001	0	0	0.503

0	0.001	0.116	0.001	0	0.001	0.174	0.001	0	0.001	0.174	0.002	0	0.001	0.503
0	0.001	0.116	0.001	0	0.001	0.174	0.001	0	0.001	0.174	0.002	0	0.001	0.503
0	0.002	0.116	0.002	0	0.002	0.174	0.002	0	0.002	0.174	0.003	0	0.001	0.503
0	0.002	0.116	0.002	0	0.002	0.174	0.002	0	0.002	0.174	0.003	0	0.001	0.503
0	0.002	0.116	0.003	0	0.002	0.174	0.003	0	0.002	0.174	0.003	0	0.001	0.503
0	0.002	0.116	0.003	0	0.002	0.174	0.003	0	0.002	0.174	0.004	0	0.001	0.503
0	0.002	0.116	0.003	0	0.003	0.174	0.003	0	0.002	0.174	0.004	0	0.001	0.503
0	0.003	0.116	0.003	0	0.003	0.174	0.003	0	0.003	0.174	0.004	0	0.001	0.503
0	0.003	0.116	0.004	0	0.003	0.174	0.004	0	0.003	0.174	0.004	0	0.001	0.503
0	0.003	0.116	0.004	0	0.003	0.174	0.004	0	0.003	0.174	0.005	0	0.001	0.503
0	0.003	0.116	0.004	0	0.004	0.174	0.004	0	0.003	0.174	0.005	0	0.001	0.503
0	0.003	0.116	0.004	0	0.004	0.174	0.004	0	0.003	0.174	0.005	0	0.002	0.503
0	0.004	0.116	0.005	0	0.004	0.174	0.005	0	0.003	0.174	0.005	0	0.002	0.503

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0.001	0	0.001	0	0.001	0	0.001	0	0	0	0.001	0	0	0
0	0.003	0	0.001	0	0.001	0	0.001	0	0.001	0	0.003	0	0.001	0
0	0.005	0	0.003	0	0.002	0	0.002	0	0.002	0	0.005	0	0.001	0
0	0.008	0	0.004	0	0.003	0	0.004	0	0.003	0	0.007	0	0.002	0
0	0.01	0	0.005	0	0.004	0	0.005	0	0.003	0	0.009	0	0.003	0
0	0.012	0	0.006	0	0.005	0	0.006	0	0.004	0	0.011	0	0.003	0
0	0.014	0	0.007	0	0.006	0	0.006	0	0.005	0	0.012	0	0.004	0
0	0.023	0	0.011	0	0.01	0	0.01	0	0.008	0	0.016	0	0.005	0
0	0.025	0	0.012	0	0.011	0	0.011	0	0.008	0	0.017	0	0.005	0
0	0.027	0	0.013	0	0.011	0	0.012	0	0.009	0	0.017	0	0.005	0
0	0.029	0	0.014	0	0.012	0	0.012	0	0.009	0	0.018	0	0.006	0
0	0.03	0	0.014	0	0.013	0	0.013	0	0.01	0	0.018	0	0.006	0
0	0.032	0	0.015	0	0.013	0	0.014	0	0.01	0	0.019	0	0.006	0
0	0.033	0	0.016	0	0.014	0	0.014	0	0.011	0	0.02	0	0.006	0
0	0.034	0	0.016	0	0.014	0	0.014	0	0.011	0	0.02	0	0.006	0
0	0.034	0	0.016	0	0.015	0	0.015	0	0.011	0	0.021	0	0.006	0
0	0.035	0	0.017	0	0.015	0	0.015	0	0.011	0	0.021	0	0.007	0

MDV DSL	MDV ALL	LHD1 NCAT	LHD1 CAT	LHD1 DSL	LHD1 ALL	LHD2 NCAT	LHD2 CAT	LHD2 DSL	LHD2 ALL	MHD NCAT	MHD CAT	MHD DSL	MHD ALL	HHD NCAT
0	0.117	0	0.017	0.005	0.022	0	0.005	0.004	0.01	0	0.003	0.013	0.016	0
0	0.104	0	0.072	0.009	0.081	0	0.023	0.007	0.031	0	0.013	0.029	0.041	0
0	0.113	0	0.015	0.005	0.019	0	0.005	0.004	0.009	0	0.002	0.007	0.009	0

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	OBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	UBUS NCAT	MCY CAT	MCY DSL	MCY ALL
0.154	0.015	0.017	0	0.036	0.005	0.012	0	0.223	0.02	0.091	0.218	0.161	0	0.181

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	OBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	UBUS NCAT	MCY CAT	MCY DSL	MCY ALL
30.426	1.381	1.953	0	4.018	1.054	1.708	0	21.642	1.287	8.416	28.981	8.556	0	15.719

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	OBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	UBUS NCAT	MCY CAT	MCY DSL	MCY ALL
8.775	3.898	3.994	0	1.73	1.482	1.537	0	2.706	10.491	7.764	1.491	1.062	0	1.212

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
497.421	1827.808	1801.591	0	497.421	1505	1282.817	0	497.421	2432.115	1754.522	114.619	151.748	0	138.728

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0.005	0.017	0.017	0	0.005	0.014	0.012	0	0.005	0.023	0.017	0.002	0.002	0	0.002

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0.014	0.115	0.113	0	0.009	0.119	0.095	0	0.012	0.156	0.106	0.038	0.002	0	0.015

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0.012	0.036	0.036	0	0.012	0.012	0.012	0	0.012	0.008	0.009	0.004	0.004	0	0.004

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
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0.028 0.028 0.028 0 0.013 0.013 0.013 0 0.013 0.013 0.013 0.006 0.006 0 0.006

HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS UBUS UBUS MCY MCY MCY MCY
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

16.102 0 16.102 0 17.565 0 17.565 0 16.18 0 16.18 52.331 52.164 0 52.222

HHD HHD HHD OBUS OBUS OBUS OBUS UBUS UBUS UBUS UBUS MCY MCY MCY MCY
CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

0 5.515 5.515 0 0 6.698 6.698 0 0 4.144 4.144 0 0 0 0

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0.077	0	0.027	0	0.025	0	0.01	0	0.03	0	0.011	0.131	0.017	0	0.06
0.151	0	0.053	0	0.049	0	0.02	0	0.059	0	0.021	0.13	0.033	0	0.07
0.286	0	0.1	0	0.093	0	0.039	0	0.112	0	0.039	0.131	0.062	0	0.088
0.406	0	0.142	0	0.132	0	0.055	0	0.159	0	0.056	0.137	0.088	0	0.107
0.509	0	0.178	0	0.166	0	0.069	0	0.2	0	0.07	0.148	0.111	0	0.125
0.597	0	0.209	0	0.194	0	0.08	0	0.235	0	0.082	0.163	0.13	0	0.142
0.67	0	0.235	0	0.218	0	0.09	0	0.263	0	0.092	0.169	0.145	0	0.154
0.66	0	0.231	0	0.212	0	0.088	0	0.195	0	0.068	0.142	0.164	0	0.156
0.7	0	0.245	0	0.225	0	0.093	0	0.207	0	0.072	0.154	0.144	0	0.148
0.739	0	0.259	0	0.237	0	0.098	0	0.218	0	0.076	0.167	0.152	0	0.157
0.777	0	0.272	0	0.249	0	0.103	0	0.229	0	0.08	0.179	0.159	0	0.167
0.813	0	0.285	0	0.261	0	0.108	0	0.24	0	0.084	0.192	0.167	0	0.176
0.849	0	0.297	0	0.272	0	0.113	0	0.25	0	0.088	0.205	0.174	0	0.186
0.882	0	0.309	0	0.283	0	0.117	0	0.26	0	0.091	0.217	0.181	0	0.195
0.915	0	0.32	0	0.293	0	0.121	0	0.27	0	0.095	0.23	0.188	0	0.204
0.946	0	0.331	0	0.303	0	0.126	0	0.279	0	0.098	0.242	0.194	0	0.213
0.977	0	0.342	0	0.313	0	0.13	0	0.288	0	0.101	0.255	0.2	0	0.221
1.005	0	0.352	0	0.322	0	0.133	0	0.297	0	0.104	0.267	0.206	0	0.23

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
21.213	0	7.428	0	8.017	0	3.319	0	8.249	0	2.889	6.27	1.787	0	3.5
41.564	0	14.555	0	15.709	0	6.504	0	16.163	0	5.661	5.552	3.502	0	4.285
79.68	0	27.903	0	30.115	0	12.468	0	30.986	0	10.852	4.286	6.714	0	5.787
114.349	0	40.043	0	43.218	0	17.892	0	44.468	0	15.574	3.246	9.635	0	7.195
145.57	0	50.976	0	55.018	0	22.777	0	56.61	0	19.826	2.431	12.266	0	8.509
173.343	0	60.702	0	65.515	0	27.123	0	67.41	0	23.609	1.842	14.606	0	9.731

197.668	0	69.22	0	74.709	0	30.929	0	76.87	0	26.922	1.479	16.656	0	10.859
178.533	0	62.519	0	66.667	0	27.6	0	54.003	0	18.914	4.621	20.81	0	14.626
183.752	0	64.347	0	68.615	0	28.407	0	55.582	0	19.467	7.302	14.743	0	11.901
189.143	0	66.235	0	70.629	0	29.24	0	57.213	0	20.038	9.699	15.175	0	13.083
194.706	0	68.183	0	72.706	0	30.1	0	58.895	0	20.627	11.811	15.622	0	14.166
200.441	0	70.191	0	74.847	0	30.987	0	60.63	0	21.235	13.64	16.082	0	15.149
206.348	0	72.26	0	77.053	0	31.9	0	62.417	0	21.86	15.184	16.556	0	16.032
212.427	0	74.389	0	79.323	0	32.84	0	64.256	0	22.504	16.444	17.043	0	16.815
218.678	0	76.578	0	81.658	0	33.806	0	66.147	0	23.167	17.42	17.545	0	17.497
225.102	0	78.827	0	84.056	0	34.799	0	68.09	0	23.847	18.112	18.06	0	18.08
231.697	0	81.137	0	86.519	0	35.819	0	70.085	0	24.546	18.52	18.59	0	18.563
238.464	0	83.506	0	89.046	0	36.865	0	72.132	0	25.263	18.644	19.132	0	18.946

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
4.327	0	1.515	0	1.607	0	0.665	0	0.848	0	0.297	0.29	0.096	0	0.17
6.52	0	2.283	0	2.422	0	1.003	0	1.278	0	0.448	0.315	0.145	0	0.21
10.37	0	3.632	0	3.852	0	1.595	0	2.033	0	0.712	0.361	0.23	0	0.28
13.508	0	4.73	0	5.018	0	2.077	0	2.648	0	0.928	0.4	0.3	0	0.338
15.933	0	5.579	0	5.919	0	2.45	0	3.124	0	1.094	0.434	0.354	0	0.384
17.645	0	6.179	0	6.555	0	2.714	0	3.459	0	1.212	0.461	0.392	0	0.418
18.644	0	6.529	0	6.926	0	2.867	0	3.655	0	1.28	0.483	0.414	0	0.44
18.894	0	6.616	0	7.019	0	2.906	0	3.706	0	1.298	0.493	0.416	0	0.445
18.824	0	6.592	0	6.993	0	2.895	0	3.693	0	1.293	0.481	0.418	0	0.442
18.718	0	6.555	0	6.953	0	2.879	0	3.672	0	1.286	0.465	0.416	0	0.435
18.576	0	6.505	0	6.9	0	2.857	0	3.644	0	1.276	0.446	0.412	0	0.425
18.396	0	6.442	0	6.834	0	2.829	0	3.609	0	1.264	0.423	0.408	0	0.414
18.18	0	6.366	0	6.754	0	2.796	0	3.566	0	1.249	0.396	0.404	0	0.401
17.928	0	6.278	0	6.66	0	2.757	0	3.517	0	1.232	0.365	0.398	0	0.385
17.638	0	6.177	0	6.552	0	2.713	0	3.46	0	1.212	0.33	0.392	0	0.368
17.312	0	6.062	0	6.431	0	2.662	0	3.396	0	1.189	0.292	0.384	0	0.349
16.949	0	5.935	0	6.296	0	2.607	0	3.325	0	1.164	0.25	0.376	0	0.328
16.55	0	5.796	0	6.148	0	2.545	0	3.246	0	1.137	0.203	0.367	0	0.305

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
9.546	0	3.343	0	9.546	0	3.952	0	9.546	0	3.343	35.646	1.771	0	14.71
19.039	0	6.667	0	19.039	0	7.882	0	19.039	0	6.668	38.681	3.532	0	16.958
37.866	0	13.26	0	37.866	0	15.677	0	37.866	0	13.262	44.573	7.024	0	21.367
56.482	0	19.779	0	56.482	0	23.384	0	56.482	0	19.782	50.225	10.477	0	25.66
74.887	0	26.224	0	74.887	0	31.003	0	74.887	0	26.228	55.638	13.891	0	29.837
93.081	0	32.595	0	93.081	0	38.535	0	93.081	0	32.6	60.811	17.266	0	33.899
111.063	0	38.893	0	111.063	0	45.98	0	111.063	0	38.898	65.745	20.602	0	37.845
188.899	0	66.15	0	188.899	0	78.204	0	188.899	0	66.159	88.966	35.04	0	55.638
223.17	0	78.151	0	223.17	0	92.392	0	223.17	0	78.161	89.036	41.397	0	59.594
255.419	0	89.444	0	255.419	0	105.743	0	255.419	0	89.456	89.106	47.379	0	63.317
285.644	0	100.028	0	285.644	0	118.256	0	285.644	0	100.042	89.176	52.985	0	66.809
313.847	0	109.904	0	313.847	0	129.932	0	313.847	0	109.919	89.246	58.217	0	70.069
340.027	0	119.072	0	340.027	0	140.771	0	340.027	0	119.088	89.316	63.073	0	73.097
364.184	0	127.532	0	364.184	0	150.772	0	364.184	0	127.549	89.386	67.554	0	75.893
386.319	0	135.283	0	386.319	0	159.935	0	386.319	0	135.301	89.456	71.66	0	78.457
406.43	0	142.326	0	406.43	0	168.262	0	406.43	0	142.345	89.525	75.391	0	80.79
424.519	0	148.66	0	424.519	0	175.75	0	424.519	0	148.68	89.595	78.746	0	82.89
440.586	0	154.286	0	440.586	0	182.402	0	440.586	0	154.307	89.665	81.726	0	84.759

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL	
0	0	0	0.611	0	0	0	0	0.503	0	0	0	0	0	0.057	0
0.001	0	0	0.611	0	0	0	0	0.503	0	0	0	0.001	0	0.057	0
0.002	0	0.001	0.611	0.001	0	0	0	0.503	0.001	0	0	0.001	0	0.057	0
0.002	0	0.001	0.611	0.001	0	0.001	0	0.503	0.001	0	0	0.001	0	0.057	0
0.003	0	0.001	0.611	0.002	0	0.001	0	0.503	0.002	0	0.001	0.001	0	0.057	0

0.004	0	0.001	0.611	0.002	0	0.001	0.503	0.002	0	0.001	0.001	0	0.057	0.001
0.004	0	0.002	0.611	0.002	0	0.001	0.503	0.002	0	0.001	0.001	0.001	0.057	0.001
0.005	0	0.002	0.611	0.003	0	0.001	0.503	0.003	0	0.001	0.001	0.001	0.057	0.001
0.005	0	0.002	0.611	0.003	0	0.001	0.503	0.003	0	0.001	0.001	0.001	0.057	0.001
0.006	0	0.002	0.611	0.004	0	0.002	0.503	0.003	0	0.001	0.001	0.001	0.057	0.001
0.006	0	0.002	0.611	0.004	0	0.002	0.503	0.004	0	0.001	0.001	0.001	0.057	0.001
0.006	0	0.002	0.611	0.004	0	0.002	0.503	0.004	0	0.001	0.001	0.001	0.057	0.001
0.007	0	0.002	0.611	0.005	0	0.002	0.503	0.004	0	0.002	0.001	0.001	0.057	0.001
0.007	0	0.003	0.611	0.005	0	0.002	0.503	0.005	0	0.002	0.001	0.001	0.057	0.001
0.008	0	0.003	0.611	0.005	0	0.002	0.503	0.005	0	0.002	0.001	0.001	0.057	0.001
0.008	0	0.003	0.611	0.005	0	0.002	0.503	0.005	0	0.002	0.001	0.001	0.057	0.001
0.008	0	0.003	0.611	0.006	0	0.002	0.503	0.005	0	0.002	0.001	0.001	0.057	0.001
0.008	0	0.003	0.611	0.006	0	0.002	0.503	0.005	0	0.002	0.001	0.001	0.057	0.001

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0.002	0	0.001	0	0.001	0	0.001	0	0.001	0	0.001	0.02	0	0	0.008
0.003	0	0.001	0	0.003	0	0.001	0	0.003	0	0.001	0.017	0	0	0.007
0.007	0	0.002	0	0.005	0	0.002	0	0.006	0	0.002	0.013	0.001	0	0.006
0.01	0	0.003	0	0.008	0	0.003	0	0.008	0	0.003	0.01	0.001	0	0.005
0.012	0	0.004	0	0.01	0	0.004	0	0.01	0	0.004	0.008	0.001	0	0.004
0.015	0	0.005	0	0.012	0	0.005	0	0.012	0	0.004	0.006	0.002	0	0.003
0.017	0	0.006	0	0.014	0	0.006	0	0.014	0	0.005	0.005	0.002	0	0.003
0.023	0	0.008	0	0.019	0	0.008	0	0.019	0	0.007	0.013	0.002	0	0.006
0.023	0	0.008	0	0.019	0	0.008	0	0.02	0	0.007	0.02	0.002	0	0.009
0.024	0	0.008	0	0.02	0	0.008	0	0.02	0	0.007	0.026	0.002	0	0.012
0.025	0	0.009	0	0.02	0	0.008	0	0.021	0	0.007	0.032	0.003	0	0.014
0.026	0	0.009	0	0.021	0	0.009	0	0.021	0	0.007	0.037	0.003	0	0.016
0.026	0	0.009	0	0.021	0	0.009	0	0.022	0	0.008	0.041	0.003	0	0.017
0.027	0	0.009	0	0.022	0	0.009	0	0.023	0	0.008	0.045	0.003	0	0.019
0.028	0	0.01	0	0.023	0	0.009	0	0.023	0	0.008	0.047	0.003	0	0.02
0.029	0	0.01	0	0.023	0	0.01	0	0.024	0	0.008	0.049	0.003	0	0.021
0.029	0	0.01	0	0.024	0	0.01	0	0.025	0	0.009	0.05	0.003	0	0.021

HHD CAT	HHD DSL	HHD ALL	OBUS NCAT	OBUS CAT	OBUS DSL	OBUS ALL	UBUS NCAT	UBUS CAT	UBUS DSL	UBUS ALL	MCY NCAT	MCY CAT	MCY DSL	MCY ALL
0	0.021	0.021	0	0.001	0.003	0.003	0	0	0.001	0.001	0.004	0.007	0	0.011
0.002	0.003	0.005	0	0.004	0.005	0.009	0	0	0	0	0.005	0.007	0	0.012
0	0.004	0.004	0	0.001	0.001	0.002	0	0	0	0	0.015	0.025	0	0.04

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL	
0	0.058	0.012	0.019		0	0.029	0.004	0.026	0.22	0.015	0.009	0.015

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL	
0	9.825	2.154	3.282		0	4.455	0.684	3.994	32.167	1.528	1.09	1.625

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL	
0	2.001	7.758	6.911		0	0.817	5.148	1.346	1.536	0.171	2.898	0.317

SBUS	SBUS	SBUS	SBUS	MH	MH	MH	MH	ALL	ALL	ALL	ALL		
NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL		
	0	497.421	1505	1356.751		0	497.421	1505	620.596	131.038	381.955	1376.573	432.226

SBUS	SBUS	SBUS	SBUS	MH	MH	MH	MH	ALL	ALL	ALL	ALL		
NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL		
	0	0.005	0.014	0.013		0	0.005	0.014	0.006	0.002	0.004	0.013	0.004

SBUS	SBUS	SBUS	SBUS	MH	MH	MH	MH	ALL	ALL	ALL	ALL		
NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL		
	0	0.009	0.334	0.286		0	0.003	0.119	0.017	0.038	0.014	0.101	0.019

SBUS	SBUS	SBUS	SBUS	MH	MH	MH	MH	ALL	ALL	ALL	ALL		
NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL		
	0	0.012	0.012	0.012		0	0.012	0.012	0.012	0.004	0.008	0.021	0.009

SBUS	SBUS	SBUS	SBUS	MH	MH	MH	MH	ALL	ALL	ALL	ALL
NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL	NCAT	CAT	DSL	ALL

0 0.013 0.013 0.013 0 0.013 0.013 0.013 0.007 0.013 0.019 0.013

SBUS SBUS SBUS SBUS MH MH MH MH ALL ALL ALL ALL
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

0 17.227 0 17.227 0 17.551 0 17.551 50.613 23.851 0 23.962

SBUS SBUS SBUS SBUS MH MH MH MH ALL ALL ALL ALL
NCAT CAT DSL ALL NCAT CAT DSL ALL NCAT CAT DSL ALL

0 0 6.698 6.698 0 0 6.698 6.698 0 0 10.244 10.244

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL
0	0.023	0	0.003	0	0.013	0	0.012	0.132	0.003	0	0.003
0	0.045	0	0.007	0	0.026	0	0.023	0.131	0.005	0	0.006
0	0.086	0	0.013	0	0.049	0	0.043	0.132	0.01	0	0.01
0	0.121	0	0.018	0	0.07	0	0.061	0.138	0.015	0	0.014
0	0.152	0	0.022	0	0.088	0	0.077	0.148	0.019	0	0.018
0	0.179	0	0.026	0	0.103	0	0.09	0.164	0.022	0	0.022
0	0.2	0	0.029	0	0.115	0	0.101	0.17	0.025	0	0.024
0	0.197	0	0.029	0	0.104	0	0.091	0.143	0.032	0	0.03
0	0.209	0	0.031	0	0.111	0	0.097	0.155	0.028	0	0.027
0	0.221	0	0.033	0	0.117	0	0.102	0.168	0.03	0	0.029
0	0.232	0	0.034	0	0.123	0	0.107	0.18	0.031	0	0.03
0	0.243	0	0.036	0	0.129	0	0.112	0.193	0.033	0	0.032
0	0.254	0	0.037	0	0.134	0	0.117	0.206	0.035	0	0.033
0	0.264	0	0.039	0	0.139	0	0.122	0.218	0.036	0	0.035
0	0.274	0	0.04	0	0.145	0	0.126	0.231	0.038	0	0.036
0	0.283	0	0.042	0	0.15	0	0.131	0.244	0.039	0	0.038
0	0.292	0	0.043	0	0.154	0	0.135	0.256	0.041	0	0.039
0	0.301	0	0.044	0	0.159	0	0.139	0.269	0.042	0	0.041

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL
0	6.366	0	0.936	0	4.386	0	3.834	7.035	0.659	0	0.65
0	12.473	0	1.833	0	8.593	0	7.513	6.23	1.295	0	1.242
0	23.912	0	3.515	0	16.473	0	14.403	4.809	2.5	0	2.364
0	34.316	0	5.044	0	23.641	0	20.669	3.641	3.616	0	3.403
0	43.685	0	6.421	0	30.096	0	26.313	2.727	4.643	0	4.36
0	52.019	0	7.646	0	35.838	0	31.333	2.067	5.581	0	5.235

0	59.319	0	8.719	0	40.867	0	35.73	1.659	6.429	0	6.027
0	53.591	0	7.877	0	34.226	0	29.924	5.185	8.051	0	7.563
0	55.158	0	8.107	0	35.227	0	30.799	8.193	6.579	0	6.199
0	56.776	0	8.345	0	36.26	0	31.702	10.882	6.953	0	6.562
0	58.446	0	8.591	0	37.327	0	32.635	13.252	7.298	0	6.897
0	60.168	0	8.844	0	38.426	0	33.596	15.303	7.614	0	7.202
0	61.941	0	9.104	0	39.559	0	34.586	17.036	7.9	0	7.479
0	63.765	0	9.372	0	40.724	0	35.605	18.45	8.157	0	7.726
0	65.642	0	9.648	0	41.922	0	36.653	19.545	8.384	0	7.944
0	67.57	0	9.932	0	43.154	0	37.729	20.321	8.583	0	8.134
0	69.55	0	10.223	0	44.418	0	38.835	20.779	8.752	0	8.294
0	71.581	0	10.521	0	45.715	0	39.969	20.917	8.891	0	8.425

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL
0	1.151	0	0.169	0	0.684	0	0.598	0.321	0.281	0	0.264
0	1.735	0	0.255	0	1.031	0	0.902	0.349	0.322	0	0.303
0	2.759	0	0.406	0	1.64	0	1.434	0.399	0.394	0	0.371
0	3.594	0	0.528	0	2.136	0	1.868	0.443	0.455	0	0.428
0	4.24	0	0.623	0	2.52	0	2.203	0.48	0.502	0	0.473
0	4.695	0	0.69	0	2.791	0	2.44	0.511	0.538	0	0.506
0	4.961	0	0.729	0	2.949	0	2.578	0.534	0.561	0	0.528
0	5.027	0	0.739	0	2.989	0	2.613	0.545	0.592	0	0.557
0	5.009	0	0.736	0	2.978	0	2.604	0.532	0.599	0	0.564
0	4.981	0	0.732	0	2.961	0	2.589	0.515	0.595	0	0.56
0	4.943	0	0.726	0	2.939	0	2.569	0.494	0.589	0	0.554
0	4.895	0	0.719	0	2.91	0	2.544	0.468	0.581	0	0.546
0	4.837	0	0.711	0	2.876	0	2.514	0.438	0.57	0	0.536
0	4.77	0	0.701	0	2.836	0	2.48	0.404	0.557	0	0.524
0	4.693	0	0.69	0	2.79	0	2.44	0.366	0.542	0	0.509
0	4.607	0	0.677	0	2.739	0	2.394	0.323	0.525	0	0.493
0	4.51	0	0.663	0	2.681	0	2.344	0.276	0.506	0	0.475
0	4.404	0	0.647	0	2.618	0	2.289	0.225	0.484	0	0.454

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL	
0	9.546		0	1.403	0	9.546	0	8.346	39.667	15.09	0	14.32
0	19.039		0	2.798	0	19.039	0	16.645	43.045	17.597	0	16.683
0	37.866		0	5.566	0	37.866	0	33.106	49.601	23.184	0	21.946
0	56.482		0	8.302	0	56.482	0	49.382	55.891	29.538	0	27.925
0	74.887		0	11.007	0	74.887	0	65.474	61.914	36.658	0	34.621
0	93.081		0	13.681	0	93.081	0	81.38	67.671	44.545	0	42.033
0	111.063		0	16.324	0	111.063	0	97.102	73.161	53.198	0	50.162
0	188.899		0	27.765	0	188.899	0	165.154	99.002	118.457	0	111.388
0	223.17		0	32.802	0	223.17	0	195.117	99.08	135.149	0	127.018
0	255.419		0	37.542	0	255.419	0	223.311	99.157	151.66	0	142.477
0	285.644		0	41.985	0	285.644	0	249.737	99.235	167.988	0	157.766
0	313.847		0	46.13	0	313.847	0	274.395	99.313	184.135	0	172.885
0	340.027		0	49.978	0	340.027	0	297.284	99.391	200.101	0	187.834
0	364.184		0	53.529	0	364.184	0	318.404	99.469	215.884	0	202.613
0	386.319		0	56.782	0	386.319	0	337.757	99.546	231.486	0	217.221
0	406.43		0	59.738	0	406.43	0	355.34	99.624	246.907	0	231.66
0	424.519		0	62.397	0	424.519	0	371.155	99.702	262.146	0	245.929
0	440.586		0	64.759	0	440.586	0	385.202	99.78	277.203	0	260.027

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL	
0	0		0	0	0.503	0	0	0	0.001	0	0	0
0	0		0	0	0.503	0	0	0	0.001	0	0	0
0	0.001		0	0	0.503	0.001	0	0.001	0.001	0	0	0
0	0.001		0	0	0.503	0.001	0	0.001	0.001	0	0	0
0	0.001		0	0	0.503	0.001	0	0.001	0.001	0	0	0

0	0.002	0	0	0.503	0.001	0	0.001	0.001	0.001	0	0
0	0.002	0	0	0.503	0.002	0	0.002	0.001	0.001	0	0.001
0	0.003	0	0	0.503	0.002	0	0.002	0.001	0.001	0	0.001
0	0.003	0	0	0.503	0.003	0	0.002	0.001	0.001	0	0.001
0	0.003	0	0.001	0.503	0.003	0	0.003	0.001	0.002	0	0.001
0	0.004	0	0.001	0.503	0.003	0	0.003	0.001	0.002	0	0.002
0	0.004	0	0.001	0.503	0.004	0	0.003	0.001	0.002	0	0.002
0	0.004	0	0.001	0.503	0.004	0	0.003	0.001	0.002	0	0.002
0	0.005	0	0.001	0.503	0.004	0	0.004	0.001	0.002	0	0.002
0	0.005	0	0.001	0.503	0.004	0	0.004	0.001	0.002	0	0.002
0	0.005	0	0.001	0.503	0.005	0	0.004	0.001	0.003	0	0.002
0	0.005	0	0.001	0.503	0.005	0	0.004	0.001	0.003	0	0.003
0	0.005	0	0.001	0.503	0.005	0	0.004	0.001	0.003	0	0.003

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL
0	0.001	0	0	0	0	0	0	0.019	0.001	0	0.001
0	0.002	0	0	0	0.001	0	0.001	0.017	0.002	0	0.002
0	0.005	0	0.001	0	0.001	0	0.001	0.013	0.004	0	0.003
0	0.007	0	0.001	0	0.002	0	0.002	0.01	0.005	0	0.005
0	0.009	0	0.001	0	0.002	0	0.002	0.007	0.007	0	0.006
0	0.01	0	0.001	0	0.003	0	0.002	0.006	0.008	0	0.008
0	0.012	0	0.002	0	0.003	0	0.003	0.005	0.009	0	0.009
0	0.016	0	0.002	0	0.004	0	0.004	0.012	0.015	0	0.014
0	0.016	0	0.002	0	0.004	0	0.004	0.019	0.016	0	0.015
0	0.017	0	0.002	0	0.005	0	0.004	0.026	0.018	0	0.017
0	0.017	0	0.003	0	0.005	0	0.004	0.031	0.019	0	0.018
0	0.018	0	0.003	0	0.005	0	0.004	0.036	0.02	0	0.019
0	0.018	0	0.003	0	0.005	0	0.004	0.04	0.021	0	0.019
0	0.019	0	0.003	0	0.005	0	0.004	0.044	0.021	0	0.02
0	0.019	0	0.003	0	0.005	0	0.005	0.046	0.022	0	0.021
0	0.02	0	0.003	0	0.005	0	0.005	0.048	0.022	0	0.021
0	0.021	0	0.003	0	0.006	0	0.005	0.049	0.023	0	0.021

SBUS NCAT	SBUS CAT	SBUS DSL	SBUS ALL	MH NCAT	MH CAT	MH DSL	MH ALL	ALL NCAT	ALL CAT	ALL DSL	ALL ALL
0	0	0.001	0.001	0	0.004	0.001	0.005	0.004	0.945	0.052	1
0	0	0	0	0	0	0	0	0.005	0.936	0.059	1
0	0	0.001	0.001	0	0.012	0.002	0.014	0.016	0.955	0.029	1

