

Appendix 3. MOVES2010b Local Input Data and RunSpecs

In order to calculate the 2008 annual and CO season-day onroad source emissions, MOVES2010b was executed using local input data for each month of the year and each geographical area (the CO maintenance area and Maricopa County).

A portion of the MOVES2010b RunSpec Summary, RunSpec, and local input data for Maricopa County are provided in this appendix as an example.

MOVES2010b RunSpec Summary (Maricopa County, December 2008)

* Output Database Server Name: [using default]

* Scale:

Domain/Scale: County
Calculation Type: Inventory

* Time Spans:

Time Aggregation Level: Hour
Years: 2008
Months: December
Days: Weekend & Weekdays
Hours: Start Hour 00:00 - 00:59 | End Hour 23:00 - 23:59

* Geographic Bounds:

Region: County
Selections: ARIZONA - Maricopa County
Domain Input Database: mag_MC_2008PEL_in

* Vehicles/Equipment

On Road Vehicle Equipment:
Diesel Fuel - Combination Long-haul Truck
Diesel Fuel - Combination Short-haul Truck
Diesel Fuel - Intercity Bus
Diesel Fuel - Light Commercial Truck
Diesel Fuel - Motor Home
Diesel Fuel - Motorcycle
Diesel Fuel - Passenger Car
Diesel Fuel - Passenger Truck
Diesel Fuel - Refuse Truck
Diesel Fuel - School Bus
Diesel Fuel - Single Unit Long-haul Truck
Diesel Fuel - Single Unit Short-haul Truck
Diesel Fuel - Transit Bus
Gasoline - Combination Long-haul Truck
Gasoline - Combination Short-haul Truck
Gasoline - Intercity Bus
Gasoline - Light Commercial Truck
Gasoline - Motor Home
Gasoline - Motorcycle
Gasoline - Passenger Car
Gasoline - Passenger Truck
Gasoline - Refuse Truck
Gasoline - School Bus
Gasoline - Single Unit Long-haul Truck
Gasoline - Single Unit Short-haul Truck
Gasoline - Transit Bus
Compressed natural Gas (CNG) - Combination Long-haul

Truck

Compressed natural Gas (CNG) - Combination Short-haul Truck
Compressed natural Gas (CNG) - Intercity Bus
Compressed natural Gas (CNG) - Light Commercial Truck
Compressed natural Gas (CNG) - Motor Home
Compressed natural Gas (CNG) - Motorcycle
Compressed natural Gas (CNG) - Passenger Car
Compressed natural Gas (CNG) - Passenger Truck
Compressed natural Gas (CNG) - Refuse Truck
Compressed natural Gas (CNG) - School Bus
Compressed natural Gas (CNG) - Single Unit Long-haul Truck
Compressed natural Gas (CNG) - Single Unit Short-haul Truck
Compressed natural Gas (CNG) - Transit Bus

* Road Type

Off-Network
Rural Restricted Access
Rural Unrestricted Access
Urban Restricted Access
Urban Unrestricted Access

* Pollutants and Processes

Carbon Monoxide (CO) - Running Exhaust
Carbon Monoxide (CO) - Start Exhaust
Carbon Monoxide (CO) - Crankcase Running Exhaust
Carbon Monoxide (CO) - Crankcase Start Exhaust
Carbon Monoxide (CO) - Crankcase Extended Idle Exhaust
Carbon Monoxide (CO) - Extended Idle Exhaust

* Manage Input Data Sets

Selections: / StageII_Input / Stage II Refueling Input

* Output

General Output:
Output Database: mag_MC_2008PEL_out
Units: Mass Units (Grams) | Energy Units (Joules) | Distance Units (Miles)
Activity: Distance Traveled | Source Hours | Source Hours Idling | Source Hours Operating | Source Hours Parked | Population | Starts
Output Emissions Detail:
Always: Time (Month) | Location (NATION) | Pollutant
For All Vehicle/Equipment Categories: Fuel Type | Emission Process
On Road: SCC

MOVES2010b RunSpec (Maricopa County, December 2008)

```
<runspec>
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  <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access"/>
  <roadtype roadtypeid="4" roadtypename="Urban Restricted Access"/>
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Exhaust"/>
  <pollutantprocessassociation pollutantkey="2" pollutantname="Carbon Monoxide (CO)" processkey="17" processname="Crankcase
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useParameters          No
]]></internalcontrolstrategy>
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</runspec>

```

MOVES2010b Local Input Data (Maricopa County, December 2008)

[FuelFormulation]

Fuel Formulation ID	Fuel Subtype ID	RVP	Sulfur Level	ETOH Volume	MTBE Volume	ETBE Volume	TAME Volume	Aromatic Content	Olefin Content	Benzene Content	e200	e300	voToWt PercentOxy	BioDiesel Ester Volume	Cetane Index	PAH Content	T50	T90
10801	12	8.76	35.00	9.5	0	0	0	14.4	4.9	1.0	53.0	91.0	3.4933	0	0	0	190.333	292.333
10802	12	8.42	23.14	9.2	0	0	0	12.8	3.9	0.9	50.3	91.1	3.4229	0	0	0	196.286	291.286
10803	12	8.40	49.00	9.2	0	0	0	12.0	4.0	0.8	50.3	92.0	3.4075	0	0	0	197.250	285.500
10804	14	7.77	23.00	5.6	0	0	0	17.7	6.0	1.0	45.5	88.5	2.0567	0	0	0	205.833	304.833
10805	14	6.95	26.04	1.3	0	0	0	16.8	7.6	0.8	40.2	88.4	0.5086	0	0	0	213.954	307.884
10806	11	6.64	25.20	0.0	0	0	0	16.3	7.0	0.7	38.4	86.4	0.0000	0	0	0	217.000	321.400
10807	14	7.07	18.83	0.7	0	0	0	16.6	7.3	0.8	37.9	89.0	0.3367	0	0	0	216.917	304.667
10808	14	6.81	28.59	0.4	0	0	0	15.0	7.4	0.8	38.9	89.2	0.1495	0	0	0	215.518	302.768
10809	11	6.48	34.56	0.0	0	0	0	18.2	10.1	0.9	40.3	88.8	0.0000	0	0	0	214.500	305.750
10810	13	7.91	24.95	6.8	0	0	0	17.1	8.0	0.9	46.5	89.5	2.5173	0	0	0	204.600	302.467
10811	12	8.41	15.17	9.5	0	0	0	16.1	5.9	1.1	53.3	90.9	3.5425	0	0	0	185.500	294.333
10812	13	8.38	29.45	8.8	0	0	0	14.5	5.3	0.9	50.7	90.9	3.2767	0	0	0	194.794	293.184
30801	20	0	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30802	20	0	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30803	20	0	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30804	20	0	6.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30805	20	0	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30806	20	0	5.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30807	20	0	4.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30808	20	0	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30809	20	0	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30810	20	0	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30811	20	0	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30812	20	0	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[FuelSupply]

countyID	fuelYearID	monthGroupID	fuelFormulationID	marketShare	marketShareCV
4013	2008	1	10801	1	0.5
4013	2008	2	10802	1	0.5
4013	2008	3	10803	1	0.5
4013	2008	4	10804	1	0.5
4013	2008	5	10805	1	0.5
4013	2008	6	10806	1	0.5
4013	2008	7	10807	1	0.5
4013	2008	8	10808	1	0.5
4013	2008	9	10809	1	0.5
4013	2008	10	10810	1	0.5
4013	2008	11	10811	1	0.5
4013	2008	12	10812	1	0.5
4013	2008	1	30801	1	0.5
4013	2008	2	30802	1	0.5
4013	2008	3	30803	1	0.5
4013	2008	4	30804	1	0.5
4013	2008	5	30805	1	0.5
4013	2008	6	30806	1	0.5
4013	2008	7	30807	1	0.5
4013	2008	8	30808	1	0.5
4013	2008	9	30809	1	0.5
4013	2008	10	30810	1	0.5
4013	2008	11	30811	1	0.5
4013	2008	12	30812	1	0.5
4013	2008	1	30	1	0.5
4013	2008	2	30	1	0.5
4013	2008	3	30	1	0.5
4013	2008	4	30	1	0.5
4013	2008	5	30	1	0.5
4013	2008	6	30	1	0.5
4013	2008	7	30	1	0.5
4013	2008	8	30	1	0.5
4013	2008	9	30	1	0.5
4013	2008	10	30	1	0.5
4013	2008	11	30	1	0.5
4013	2008	12	30	1	0.5

[SourceTypeYear]

yearID	sourceTypeID	sourceTypePopulation
2008	11	72,411
2008	21	2,056,832
2008	31	475,013
2008	32	183,701
2008	41	1,147
2008	42	703
2008	43	7,041
2008	51	828
2008	52	27,030
2008	53	1,745
2008	54	3,531
2008	61	13,884
2008	62	11,439

[ZoneMonthHour]

monthID	zoneID	HourID	temperature	relHumidity
12	40130	1	51.0	65.0
12	40130	2	51.0	66.0
12	40130	3	50.0	68.0
12	40130	4	49.0	69.0
12	40130	5	49.0	68.0
12	40130	6	48.0	67.0
12	40130	7	48.0	68.0
12	40130	8	48.0	67.0
12	40130	9	51.0	60.0
12	40130	10	54.0	52.0
12	40130	11	57.0	45.0
12	40130	12	60.0	39.0
12	40130	13	61.0	38.0
12	40130	14	63.0	36.0
12	40130	15	64.0	35.0
12	40130	16	64.0	33.0
12	40130	17	63.0	35.0
12	40130	18	61.0	41.0
12	40130	19	59.0	47.0
12	40130	20	57.0	51.0
12	40130	21	55.0	54.0
12	40130	22	54.0	56.0
12	40130	23	54.0	59.0
12	40130	24	52.0	61.0
7	40130	24	91.0	38.0

[HPMSvTypeYear]

HPMSvTypeID	yearID	VMTGrowthFactor	HPMSBaseYearVMT	baseYearOffNetVMT
10	2008	0	137,684,495	0
20	2008	0	17,967,179,969	0
30	2008	0	11,891,041,958	0
40	2008	0	79,229,536	0
50	2008	0	1,602,088,402	0
60	2008	0	1,722,837,641	0

Source TypeID	YearID	AgeID	AgeFraction
51	2008	23	0 0017
51	2008	24	0 00107
51	2008	25	0 000674
51	2008	26	0 000424
51	2008	27	0 000267
51	2008	28	0 000168
51	2008	29	0 000106
51	2008	30	0 007586
52	2008	0	0 082905
52	2008	1	0 133171
52	2008	2	0 140432
52	2008	3	0 091977
52	2008	4	0 061324
52	2008	5	0 040558
52	2008	6	0 029326
52	2008	7	0 03528
52	2008	8	0 066813
52	2008	9	0 043674
52	2008	10	0 036113
52	2008	11	0 04492
52	2008	12	0 032191
52	2008	13	0 031518
52	2008	14	0 036333
52	2008	15	0 022117
52	2008	16	0 006913
52	2008	17	0 006552
52	2008	18	0 007429
52	2008	19	0 00972
52	2008	20	0 007356
52	2008	21	0 003264
52	2008	22	0 004084
52	2008	23	0 002855
52	2008	24	0 002131
52	2008	25	0 001652
52	2008	26	0 001562
52	2008	27	0 001023
52	2008	28	0 000676
52	2008	29	0 000468
52	2008	30	0 015661
53	2008	0	0 090873
53	2008	1	0 146351
53	2008	2	0 155089
53	2008	3	0 097122
53	2008	4	0 056197
53	2008	5	0 033312
53	2008	6	0 020196
53	2008	7	0 025496
53	2008	8	0 068212
53	2008	9	0 042125
53	2008	10	0 034022
53	2008	11	0 04548
53	2008	12	0 032373
53	2008	13	0 033217
53	2008	14	0 040496
53	2008	15	0 025464
53	2008	16	0 00539
53	2008	17	0 005435

Source TypeID	YearID	AgeID	AgeFraction
53	2008	18	0 006778
53	2008	19	0 009212
53	2008	20	0 006638
53	2008	21	0 002389
53	2008	22	0 00301
53	2008	23	0 001941
53	2008	24	0 0014
53	2008	25	0 001053
53	2008	26	0 001075
53	2008	27	0 000559
53	2008	28	0 00031
53	2008	29	0 000179
53	2008	30	0 008605
54	2008	0	0 092048
54	2008	1	0 149226
54	2008	2	0 158572
54	2008	3	0 099082
54	2008	4	0 056977
54	2008	5	0 033563
54	2008	6	0 020198
54	2008	7	0 025524
54	2008	8	0 069639
54	2008	9	0 042909
54	2008	10	0 034669
54	2008	11	0 046526
54	2008	12	0 033061
54	2008	13	0 030138
54	2008	14	0 036854
54	2008	15	0 020274
54	2008	16	0 004587
54	2008	17	0 004591
54	2008	18	0 006362
54	2008	19	0 009049
54	2008	20	0 007043
54	2008	21	0 002525
54	2008	22	0 002703
54	2008	23	0 001719
54	2008	24	0 001069
54	2008	25	0 000675
54	2008	26	0 000432
54	2008	27	0 000338
54	2008	28	0 000212
54	2008	29	0 000131
54	2008	30	0 009302
61	2008	0	0 092019
61	2008	1	0 14918
61	2008	2	0 158522
61	2008	3	0 099051
61	2008	4	0 056959
61	2008	5	0 033553
61	2008	6	0 020192
61	2008	7	0 025516
61	2008	8	0 069617
61	2008	9	0 042895
61	2008	10	0 034658
61	2008	11	0 046512
61	2008	12	0 033051

Source TypeID	YearID	AgeID	AgeFraction
61	2008	13	0 031559
61	2008	14	0 037665
61	2008	15	0 022381
61	2008	16	0 004788
61	2008	17	0 004864
61	2008	18	0 006421
61	2008	19	0 008694
61	2008	20	0 006439
61	2008	21	0 002319
61	2008	22	0 00261
61	2008	23	0 001634
61	2008	24	0 001022
61	2008	25	0 000627
61	2008	26	0 000397
61	2008	27	0 000256
61	2008	28	0 000154
61	2008	29	9 03E-05
61	2008	30	0 006355
62	2008	0	0 091775
62	2008	1	0 148783
62	2008	2	0 158101
62	2008	3	0 098788
62	2008	4	0 056808
62	2008	5	0 033464
62	2008	6	0 020138
62	2008	7	0 025448
62	2008	8	0 069432
62	2008	9	0 042781
62	2008	10	0 034566
62	2008	11	0 046388
62	2008	12	0 032963
62	2008	13	0 031586
62	2008	14	0 03824
62	2008	15	0 022517
62	2008	16	0 004855
62	2008	17	0 004882
62	2008	18	0 006464
62	2008	19	0 00894
62	2008	20	0 006652
62	2008	21	0 002363
62	2008	22	0 002658
62	2008	23	0 00167
62	2008	24	0 001049
62	2008	25	0 000654
62	2008	26	0 000412
62	2008	27	0 000262
62	2008	28	0 000162
62	2008	29	9 96E-05
62	2008	30	0 007099

polProcess ID	State ID	County ID	yearID	sourceTypeID	fuelTypeID	IMProgramID	Beg ModelYearID	End ModelYearID	inspectFreq	Test StandardsID	uselMyn	Compliance Factor
102	4	4013	2008	21	1	110	1996	2004	2	51	Y	90 04
102	4	4013	2008	31	1	103	1967	1980	1	13	Y	57 62
102	4	4013	2008	31	1	106	1981	1995	2	31	Y	64 12
102	4	4013	2008	31	1	110	1996	2004	2	51	Y	90 04
102	4	4013	2008	32	1	103	1967	1980	1	13	Y	57 62
102	4	4013	2008	32	1	106	1981	1995	2	31	Y	64 12
102	4	4013	2008	32	1	110	1996	2004	2	51	Y	90 04
102	4	4013	2008	52	1	103	1967	2004	1	13	Y	87 20
112	4	4013	2008	21	1	108	1996	2004	2	43	Y	83 81
112	4	4013	2008	21	1	109	1981	1995	2	44	Y	64 12
112	4	4013	2008	31	1	108	1996	2004	2	43	Y	83 81
112	4	4013	2008	31	1	109	1981	1995	2	44	Y	64 12
112	4	4013	2008	32	1	108	1996	2004	2	43	Y	83 81
112	4	4013	2008	32	1	109	1981	1995	2	44	Y	64 12
112	4	4013	2008	52	1	107	1981	2004	1	41	Y	86 29
113	4	4013	2008	21	1	108	1996	2004	2	43	Y	83 81
113	4	4013	2008	21	1	109	1981	1995	2	44	Y	64 12
113	4	4013	2008	31	1	108	1996	2004	2	43	Y	83 81
113	4	4013	2008	31	1	109	1981	1995	2	44	Y	64 12
113	4	4013	2008	32	1	108	1996	2004	2	43	Y	83 81
113	4	4013	2008	32	1	109	1981	1995	2	44	Y	64 12
113	4	4013	2008	52	1	107	1981	2004	1	41	Y	86 29
201	4	4013	2008	21	1	103	1967	1980	1	13	Y	57 62
201	4	4013	2008	21	1	106	1981	1995	2	31	Y	64 12
201	4	4013	2008	21	1	110	1996	2004	2	51	Y	90 04
201	4	4013	2008	31	1	103	1967	1980	1	13	Y	57 62
201	4	4013	2008	31	1	106	1981	1995	2	31	Y	64 12
201	4	4013	2008	31	1	110	1996	2004	2	51	Y	90 04
201	4	4013	2008	32	1	103	1967	1980	1	13	Y	57 62
201	4	4013	2008	32	1	106	1981	1995	2	31	Y	64 12
201	4	4013	2008	32	1	110	1996	2004	2	51	Y	90 04
201	4	4013	2008	52	1	103	1967	2004	1	13	Y	87 20
202	4	4013	2008	21	1	103	1967	1980	1	13	Y	57 62
202	4	4013	2008	21	1	106	1981	1995	2	31	Y	64 12
202	4	4013	2008	21	1	110	1996	2004	2	51	Y	90 04
202	4	4013	2008	31	1	103	1967	1980	1	13	Y	57 62
202	4	4013	2008	31	1	106	1981	1995	2	31	Y	64 12
202	4	4013	2008	31	1	110	1996	2004	2	51	Y	90 04
202	4	4013	2008	32	1	103	1967	1980	1	13	Y	57 62
202	4	4013	2008	32	1	106	1981	1995	2	31	Y	64 12
202	4	4013	2008	32	1	110	1996	2004	2	51	Y	90 04
202	4	4013	2008	52	1	103	1967	2004	1	13	Y	87 20
301	4	4013	2008	21	1	103	1967	1980	1	13	Y	57 62
301	4	4013	2008	21	1	106	1981	1995	2	31	Y	64 12
301	4	4013	2008	21	1	110	1996	2004	2	51	Y	90 04
301	4	4013	2008	31	1	103	1967	1980	1	13	Y	57 62
301	4	4013	2008	31	1	106	1981	1995	2	31	Y	64 12
301	4	4013	2008	31	1	110	1996	2004	2	51	Y	90 04
301	4	4013	2008	32	1	103	1967	1980	1	13	Y	57 62
301	4	4013	2008	32	1	106	1981	1995	2	31	Y	64 12
301	4	4013	2008	32	1	110	1996	2004	2	51	Y	90 04
301	4	4013	2008	52	1	103	1967	2004	1	13	Y	87 20
302	4	4013	2008	21	1	103	1967	1980	1	13	Y	57 62
302	4	4013	2008	21	1	106	1981	1995	2	31	Y	64 12
302	4	4013	2008	21	1	110	1996	2004	2	51	Y	90 04
302	4	4013	2008	31	1	103	1967	1980	1	13	Y	57 62
302	4	4013	2008	31	1	106	1981	1995	2	31	Y	64 12
302	4	4013	2008	31	1	110	1996	2004	2	51	Y	90 04
302	4	4013	2008	32	1	103	1967	1980	1	13	Y	57 62
302	4	4013	2008	32	1	106	1981	1995	2	31	Y	64 12
302	4	4013	2008	32	1	110	1996	2004	2	51	Y	90 04
302	4	4013	2008	52	1	103	1967	2004	1	13	Y	87 20

[RoadType]

roadTypeID	rampFraction
2	0.045682
4	0.083288

[RoadTypeDistribution]

sourceTypeID	roadTypeID	roadTypeVMTFraction
11	1	0.00000
11	2	0.02735
11	3	0.05584
11	4	0.32284
11	5	0.59397
21	1	0.00000
21	2	0.03230
21	3	0.05044
21	4	0.31932
21	5	0.59794
31	1	0.00000
31	2	0.03350
31	3	0.05453
31	4	0.31647
31	5	0.59550
32	1	0.00000
32	2	0.03350
32	3	0.05453
32	4	0.31647
32	5	0.59550
41	1	0.00000
41	2	0.03009
41	3	0.06747
41	4	0.34506
41	5	0.55738
42	1	0.00000
42	2	0.03009
42	3	0.06747
42	4	0.34506
42	5	0.55738
43	1	0.00000
43	2	0.03009
43	3	0.06747
43	4	0.34506
43	5	0.55738
51	1	0.00000
51	2	0.04027
51	3	0.03530
51	4	0.49257
51	5	0.43186
52	1	0.00000
52	2	0.04027
52	3	0.03530
52	4	0.49257
52	5	0.43186
53	1	0.00000
53	2	0.04027
53	3	0.03530
53	4	0.49257
53	5	0.43186
54	1	0.00000
54	2	0.04027
54	3	0.03530
54	4	0.49257
54	5	0.43186
61	1	0.00000
61	2	0.07566
61	3	0.04041
61	4	0.50755
61	5	0.37638
62	1	0.00000
62	2	0.07566
62	3	0.04041
62	4	0.50755
62	5	0.37638

[MonthVMTFraction]

sourceTypeID	isLeapYear	monthID	monthVMTFraction
11	Y	12	0 083229
21	Y	12	0 083229
31	Y	12	0 083229
32	Y	12	0 083229
41	Y	12	0 083229
42	Y	12	0 083229
43	Y	12	0 083229
51	Y	12	0 083229
52	Y	12	0 083229
53	Y	12	0 083229
54	Y	12	0 083229
61	Y	12	0 083229
62	Y	12	0 083229

[DayVMTFraction]

Source TypeID	Month ID	Road TypeID	dayID	Day VMTFraction
11	12	1	5	0 767488
21	12	1	5	0 767488
31	12	1	5	0 767488
32	12	1	5	0 767488
41	12	1	5	0 767488
42	12	1	5	0 767488
43	12	1	5	0 767488
51	12	1	5	0 767488
52	12	1	5	0 767488
53	12	1	5	0 767488
54	12	1	5	0 767488
61	12	1	5	0 767488
62	12	1	5	0 767488
11	12	2	5	0 768458
21	12	2	5	0 768458
31	12	2	5	0 768458
32	12	2	5	0 768458
41	12	2	5	0 768458
42	12	2	5	0 768458
43	12	2	5	0 768458
51	12	2	5	0 768458
52	12	2	5	0 768458
53	12	2	5	0 768458
54	12	2	5	0 768458
61	12	2	5	0 768458
62	12	2	5	0 768458
11	12	3	5	0 766507
21	12	3	5	0 766507
31	12	3	5	0 766507
32	12	3	5	0 766507
41	12	3	5	0 766507
42	12	3	5	0 766507
43	12	3	5	0 766507
51	12	3	5	0 766507
52	12	3	5	0 766507
53	12	3	5	0 766507
54	12	3	5	0 766507
61	12	3	5	0 766507
62	12	3	5	0 766507
11	12	4	5	0 768458
21	12	4	5	0 768458
31	12	4	5	0 768458
32	12	4	5	0 768458
41	12	4	5	0 768458
42	12	4	5	0 768458
43	12	4	5	0 768458

Source TypeID	Month ID	Road TypeID	dayID	Day VMTFraction
51	12	4	5	0 768458
52	12	4	5	0 768458
53	12	4	5	0 768458
54	12	4	5	0 768458
61	12	4	5	0 768458
62	12	4	5	0 768458
11	12	5	5	0 766507
21	12	5	5	0 766507
31	12	5	5	0 766507
32	12	5	5	0 766507
41	12	5	5	0 766507
42	12	5	5	0 766507
43	12	5	5	0 766507
51	12	5	5	0 766507
52	12	5	5	0 766507
53	12	5	5	0 766507
54	12	5	5	0 766507
61	12	5	5	0 766507
62	12	5	5	0 766507
11	12	1	2	0 232512
21	12	1	2	0 232512
31	12	1	2	0 232512
32	12	1	2	0 232512
41	12	1	2	0 232512
42	12	1	2	0 232512
43	12	1	2	0 232512
51	12	1	2	0 232512
52	12	1	2	0 232512
53	12	1	2	0 232512
54	12	1	2	0 232512
61	12	1	2	0 232512
62	12	1	2	0 232512
11	12	2	2	0 231542
21	12	2	2	0 231542
31	12	2	2	0 231542
32	12	2	2	0 231542
41	12	2	2	0 231542
42	12	2	2	0 231542
43	12	2	2	0 231542
51	12	2	2	0 231542
52	12	2	2	0 231542
53	12	2	2	0 231542
54	12	2	2	0 231542
61	12	2	2	0 231542
62	12	2	2	0 231542
11	12	3	2	0 233493

Source TypeID	Month ID	Road TypeID	dayID	Day VMTFraction
21	12	3	2	0 233493
31	12	3	2	0 233493
32	12	3	2	0 233493
41	12	3	2	0 233493
42	12	3	2	0 233493
43	12	3	2	0 233493
51	12	3	2	0 233493
52	12	3	2	0 233493
53	12	3	2	0 233493
54	12	3	2	0 233493
61	12	3	2	0 233493
62	12	3	2	0 233493
11	12	4	2	0 231542
21	12	4	2	0 231542
31	12	4	2	0 231542
32	12	4	2	0 231542
41	12	4	2	0 231542
42	12	4	2	0 231542
43	12	4	2	0 231542
51	12	4	2	0 231542
52	12	4	2	0 231542
53	12	4	2	0 231542
54	12	4	2	0 231542
61	12	4	2	0 231542
62	12	4	2	0 231542
11	12	5	2	0 233493
21	12	5	2	0 233493
31	12	5	2	0 233493
32	12	5	2	0 233493
41	12	5	2	0 233493
42	12	5	2	0 233493
43	12	5	2	0 233493
51	12	5	2	0 233493
52	12	5	2	0 233493
53	12	5	2	0 233493
54	12	5	2	0 233493
61	12	5	2	0 233493
62	12	5	2	0 233493

Source TypeID	Road TypeID	Hour DayID	avgSpeed BinID	avgSpeed Fraction
21	2	222	13	0.057688
21	2	222	14	0.062161
21	2	222	15	0.062758
21	2	222	16	0.082091
21	2	232	1	0
21	2	232	2	0
21	2	232	3	0
21	2	232	4	0
21	2	232	5	0
21	2	232	6	0.01422
21	2	232	7	0.053944
21	2	232	8	0.132021

Source TypeID	Road TypeID	Hour DayID	avgSpeed BinID	avgSpeed Fraction
21	2	232	9	0.214344
21	2	232	10	0.212627
21	2	232	11	0.017683
21	2	232	12	0.090462
21	2	232	13	0.057688
21	2	232	14	0.062161
21	2	232	15	0.062758
21	2	232	16	0.082091
21	2	242	1	0
21	2	242	2	0
21	2	242	3	0
21	2	242	4	0

Source TypeID	Road TypeID	Hour DayID	avgSpeed BinID	avgSpeed Fraction
21	2	242	5	0
21	2	242	6	0.01422
21	2	242	7	0.053944
21	2	242	8	0.132021
21	2	242	9	0.214344
21	2	242	10	0.212627
21	2	242	11	0.017683
21	2	242	12	0.090462
21	2	242	13	0.057688
21	2	242	14	0.062161
21	2	242	15	0.062758
21	2	242	16	0.082091

[AVFT] (SourceTypeID 42: Transit Bus)

Source TypeID	Model YearID	Fuel TypeID	Eng TechID	fuelEng Fraction
42	1960	2	1	1
42	1961	2	1	1
42	1962	2	1	1
42	1963	2	1	1
42	1964	2	1	1
42	1965	2	1	1
42	1966	2	1	1
42	1967	2	1	1
42	1968	2	1	1
42	1969	2	1	1
42	1970	2	1	1
42	1971	2	1	1
42	1972	2	1	1
42	1973	2	1	1
42	1974	2	1	1
42	1975	2	1	1
42	1976	2	1	1
42	1977	2	1	1
42	1978	2	1	1
42	1979	2	1	1
42	1980	2	1	1
42	1981	2	1	1
42	1982	2	1	1
42	1983	2	1	1
42	1984	2	1	1
42	1985	2	1	1
42	1986	2	1	1
42	1987	2	1	1
42	1988	2	1	1
42	1989	2	1	1
42	1990	2	1	0.993
42	1990	3	1	0.007
42	1991	2	1	0.982
42	1991	3	1	0.018
42	1992	1	1	0.01
42	1992	2	1	0.944
42	1992	3	1	0.046
42	1993	1	1	0.01
42	1993	2	1	0.914
42	1993	3	1	0.076
42	1994	1	1	0.01
42	1994	2	1	0.905
42	1994	3	1	0.085
42	1995	1	1	0.01
42	1995	2	1	0.837
42	1995	3	1	0.153
42	1996	1	1	0.01
42	1996	2	1	0.892
42	1996	3	1	0.098
42	1997	1	1	0
42	1997	2	1	1
42	1997	3	1	0
42	1998	1	1	0
42	1998	2	1	0
42	1998	3	1	1
42	1999	1	1	0
42	1999	2	1	0
42	1999	3	1	1
42	2000	1	1	0
42	2000	2	1	0
42	2000	3	1	1
42	2001	1	1	0
42	2001	2	1	0
42	2001	3	1	1
42	2002	1	1	0
42	2002	2	1	0
42	2002	3	1	1
42	2003	1	1	0
42	2003	2	1	0.08
42	2003	3	1	0.92
42	2004	1	1	0
42	2004	2	1	0.397059
42	2004	3	1	0.602941
42	2005	1	1	0
42	2005	2	1	1

Source TypeID	Model YearID	Fuel TypeID	Eng TechID	fuelEng Fraction
42	2005	3	1	0
42	2006	1	1	0.089744
42	2006	2	1	0.128205
42	2006	3	1	0.782051
42	2007	1	1	0.149533
42	2007	2	1	0.850467
42	2007	3	1	0
42	2008	1	1	0
42	2008	2	1	0.479592
42	2008	3	1	0.520408
42	2009	1	1	0.121212
42	2009	2	1	0.030303
42	2009	3	1	0.848485
42	2010	1	1	0
42	2010	2	1	1
42	2010	3	1	0
42	2011	1	1	0
42	2011	2	1	1
42	2011	3	1	0
42	2012	1	1	0
42	2012	2	1	1
42	2012	3	1	0
42	2013	1	1	0
42	2013	2	1	1
42	2013	3	1	0
42	2014	1	1	0
42	2014	2	1	1
42	2014	3	1	0
42	2015	1	1	0
42	2015	2	1	1
42	2015	3	1	0
42	2016	1	1	0
42	2016	2	1	1
42	2016	3	1	0
42	2017	1	1	0
42	2017	2	1	1
42	2017	3	1	0
42	2018	1	1	0
42	2018	2	1	1
42	2018	3	1	0
42	2019	1	1	0
42	2019	2	1	1
42	2019	3	1	0
42	2020	1	1	0
42	2020	2	1	1
42	2020	3	1	0
42	2021	1	1	0
42	2021	2	1	1
42	2021	3	1	0
42	2022	1	1	0
42	2022	2	1	1
42	2022	3	1	0
42	2023	1	1	0
42	2023	2	1	1
42	2023	3	1	0
42	2024	1	1	0
42	2024	2	1	1
42	2024	3	1	0
42	2025	1	1	0
42	2025	2	1	1
42	2025	3	1	0
42	2026	1	1	0
42	2026	2	1	1
42	2026	3	1	0
42	2027	1	1	0
42	2027	2	1	1
42	2027	3	1	0
42	2028	1	1	0
42	2028	2	1	1
42	2028	3	1	0
42	2029	1	1	0
42	2029	2	1	1
42	2029	3	1	0
42	2030	1	1	0
42	2030	2	1	1

Source TypeID	Model YearID	Fuel TypeID	Eng TechID	fuelEng Fraction
42	2030	3	1	0
42	2031	1	1	0
42	2031	2	1	1
42	2031	3	1	0
42	2032	1	1	0
42	2032	2	1	1
42	2032	3	1	0
42	2033	1	1	0
42	2033	2	1	1
42	2033	3	1	0
42	2034	1	1	0
42	2034	2	1	1
42	2034	3	1	0
42	2035	1	1	0
42	2035	2	1	1
42	2035	3	1	0
42	2036	1	1	0
42	2036	2	1	1
42	2036	3	1	0
42	2037	1	1	0
42	2037	2	1	1
42	2037	3	1	0
42	2038	1	1	0
42	2038	2	1	1
42	2038	3	1	0
42	2039	1	1	0
42	2039	2	1	1
42	2039	3	1	0
42	2040	1	1	0
42	2040	2	1	1
42	2040	3	1	0
42	2041	1	1	0
42	2041	2	1	1
42	2041	3	1	0
42	2042	1	1	0
42	2042	2	1	1
42	2042	3	1	0
42	2043	1	1	0
42	2043	2	1	1
42	2043	3	1	0
42	2044	1	1	0
42	2044	2	1	1
42	2044	3	1	0
42	2045	1	1	0
42	2045	2	1	1
42	2045	3	1	0
42	2046	1	1	0
42	2046	2	1	1
42	2046	3	1	0
42	2047	1	1	0
42	2047	2	1	1
42	2047	3	1	0
42	2048	1	1	0
42	2048	2	1	1
42	2048	3	1	0
42	2049	1	1	0
42	2049	2	1	1
42	2049	3	1	0
42	2050	1	1	0
42	2050	2	1	1
42	2050	3	1	0