Appendix D Scenarios

D.1 Scenario 1: Income Growth

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	966375.	12747429725.	275864795.
2	1445173.	17736910247.	573279900.
3	2238221.	27200373928.	1006023517.
4	6544108.	82346906747.	3181016799.
5	2909875.	37950781841.	1063605269.
6	597134.	7452164328.	332812331.
7	19947.	290622348.	4557589.
8	62392.	793572052.	15528567.
9	36688.	510554185.	13035600.
10	212872.	2698267484.	77768126.
11	48473.	609929430.	12779335.
12	111707.	1405764109.	44454149.
13	8029.	122249728.	27166606.
14	19741.	261494351.	14639479.
15	31075.	428469067.	26697699.
16	27862.	347382369.	13992307.
17	43696.	574204894.	25010729.
18	739485.	8987858900.	387210538.
19	1696816.	20490450443.	1156178778.
20	88304.	1034295022.	25880597.
21	74926.	906641519.	37094460.
22	8501.	118126866.	5111273.
23	451933.	6007326502.	356254034.
24	11361.	154029850.	3904139.
25	438161.	5651233414.	226748239.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	15323369.
TRUCKS:	3509486.
TOTAL:	18832856.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	37897255232.
2:SHORT-URBAN-NONWORK TRIP MILES:	108262532899.
3:OTHER WORK TRIP MILES:	35903085074.
4:OTHER NONWORK TRIP MILES:	11414203628.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	10142676611.
2:SHORT-URBAN-NONWORK TRIP MILES:	22844569226.
3:OTHER WORK TRIP MILES:	7856000816.
4:OTHER NONWORK TRIP MILES:	2506715865.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	48039931842.
2:SHORT-URBAN-NONWORK TRIP MILES:	131107102125.
3:OTHER WORK TRIP MILES:	43759085890.
4:OTHER NONWORK TRIP MILES:	13920919492.

PERSONAL VMT

CAR VMT:	193477076833.
TRUCK VMT:	43349962517.
TOTAL VMT:	236827039350.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	6432602611.	1904754623.	8337357234.
DIESEL (GALS):	168123367.	293627435.	461750802.
ELECTRICITY (KWH):	27166606.	0.	27166606.
METHANOL (GALS):	41337178.	0.	41337178.
LPG (GALS):	39003036.	0.	39003036.

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1461080.	19220381288.	331294224.
2	1702521.	21938497976.	526256622.
3	2582920.	33297855178.	917750297.
4	7674834.	102260151404.	2953039439.
5	3146662.	42753199885.	925371734.
6	792815.	10470364835.	324603811.
7	82596.	1067931500.	14382239.
8	91823.	1177726943.	18488561.
9	110154.	1416100961.	28023613.
10	292110.	3957094550.	81551055.
11	57246.	756858934.	12345191.
12	145351.	1923711811.	45030144.
13	64491.	841700589.	179609619.
14	51644.	644330550.	28844707.
15	73755.	943321364.	47486396.
16	44373.	560265073.	17560433.
17	70498.	931252374.	30571855.
18	841659.	10772323594.	369798529.
19	2072131.	26118968121.	1143086779.
20	101700.	1263103262.	25989206.
21	96853.	1213485647.	39596438.
22	13885.	188584281.	6713933.
23	546234.	7546735610.	345760120.
24	20963.	277591322.	5940127.
25	562991.	7508104726.	242185927.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	18444873.
TRUCKS:	4256417.
TOTAL:	22701290.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	50287116833.
2:SHORT-URBAN-NONWORK TRIP MILES:	148976175732.
3:OTHER WORK TRIP MILES:	34791498741.
4:OTHER NONWORK TRIP MILES:	10105953907.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	13071598582.
2:SHORT-URBAN-NONWORK TRIP MILES:	31853041713.
3:OTHER WORK TRIP MILES:	7773247842.
4:OTHER NONWORK TRIP MILES:	2191008425.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	63358715415.
2:SHORT-URBAN-NONWORK TRIP MILES:	180829217446.
3:OTHER WORK TRIP MILES:	42564746583.
4:OTHER NONWORK TRIP MILES:	12296962332.

PERSONAL VMT

CAR VMT:	244160745214.
TRUCK VMT:	54888896562.
TOTAL VMT:	299049641776.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5978316127.	1866359361.	7844675488.
DIESEL (GALS):	199820802.	313711698.	513532501.
ELECTRICITY (KWH):	179609619.	0.	179609619.
METHANOL (GALS):	76331104.	0.	76331104.
LPG (GALS):	48132288.	0.	48132288.

D.2 Scenario 2: Moderate Gas Price Increases

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1062837.	13408776637.	290089887.
2	1451636.	16844205249.	544439831.
3	2192114.	25100824445.	927138720.
4	6087157.	72005321994.	2777978178.
5	3066063.	37958219317.	1064901776.
6	538446.	6177258665.	276245716.
7	24151.	341889838.	5357389.
8	72258.	890669248.	17476505.
9	41293.	555269955.	14188536.
10	231374.	2827633046.	81761667.
11	56862.	695291197.	14597924.
12	118151.	1432214048.	45361565.
13	9520.	139936729.	31097051.
14	21080.	267964689.	15029142.
15	31813.	422348588.	26332001.
16	31039.	371092107.	14979879.
17	45237.	572248702.	24978573.
18	684874.	7860813208.	338651771.
19	1390345.	15815596071.	891979879.
20	99042.	1109464478.	27819478.
21	73741.	855301393.	35075864.
22	7713.	101195225.	4379574.
23	365308.	4609782731.	273132419.
24	12526.	162133489.	4115384.
25	462053.	5680810905.	228343282.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	15081033.
TRUCKS:	3095603.
TOTAL:	18176636.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	35090035568.
2:SHORT-URBAN-NONWORK TRIP MILES:	103034255325.
3:OTHER WORK TRIP MILES:	32127607041.
4:OTHER NONWORK TRIP MILES:	9759266518.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	8547999647.
2:SHORT-URBAN-NONWORK TRIP MILES:	19322291576.
3:OTHER WORK TRIP MILES:	6390103986.
4:OTHER NONWORK TRIP MILES:	1934702291.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	43638035215.
2:SHORT-URBAN-NONWORK TRIP MILES:	122356546901.
3:OTHER WORK TRIP MILES:	38517711028.
4:OTHER NONWORK TRIP MILES:	11693968809.

PERSONAL VMT

CAR VMT:	180011164453.
TRUCK VMT:	36195097500.
TOTAL VMT:	216206261953.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5880794107.	1508143643.	7388937749.
DIESEL (GALS):	178743588.	295354008.	474097596.
ELECTRICITY (KWH):	31097051.	0.	31097051.
METHANOL (GALS):	41361144.	0.	41361144.
LPG (GALS):	39958452.	0.	39958452.

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1670530.	19863666584.	342426697.
2	1664840.	18812404628.	451211917.
3	2364078.	26437806584.	728834393.
4	6599272.	75688019038.	2187648507.
5	3352551.	39890801630.	864181585.
6	685117.	7533986806.	233821535.
7	122315.	1508222453.	20323599.
8	127634.	1543263283.	24298512.
9	148915.	1790748864.	35500938.
10	362135.	4583802185.	94761978.
11	79718.	997204410.	16307679.
12	174493.	2157126669.	50631452.
13	89243.	1107535177.	236508419.
14	64430.	740193259.	33218505.
15	89179.	1049373865.	52921249.
16	56701.	660738197.	20748504.
17	84170.	1031753330.	33938368.
18	653118.	7392552389.	253791425.
19	1335507.	14717131973.	643878079.
20	131366.	1504525171.	30984035.
21	111215.	1293046733.	42222348.
22	10415.	124432169.	4430259.
23	345272.	4192377061.	192515129.
24	26580.	322068523.	6896828.
25	678535.	8276248223.	267167416.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	17735321.
TRUCKS:	3292007.
TOTAL:	21027328.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	41034506288.
2:SHORT-URBAN-NONWORK TRIP MILES:	134512120301.
3:OTHER WORK TRIP MILES:	23807022659.
4:OTHER NONWORK TRIP MILES:	6042997713.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	9145818834.
2:SHORT-URBAN-NONWORK TRIP MILES:	23251826859.
3:OTHER WORK TRIP MILES:	4346453671.
4:OTHER NONWORK TRIP MILES:	1078282878.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	50180325122.
2:SHORT-URBAN-NONWORK TRIP MILES:	157763947160.
3:OTHER WORK TRIP MILES:	28153476330.
4:OTHER NONWORK TRIP MILES:	7121280591.

PERSONAL VMT

CAR VMT:	205396646961.
TRUCK VMT:	37822382243.
TOTAL VMT:	243219029203.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	4808124635.	1094614892.	5902739526.
DIESEL (GALS):	241824159.	347270627.	589094786.
ELECTRICITY (KWH):	236508419.	0.	236508419.
METHANOL (GALS):	86139753.	0.	86139753.
LPG (GALS):	54686872.	0.	54686872.

D.3 Scenario 3: High Gas and Diesel Prices with No Electric, Methanol, and LPG Vehicles

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1220218.	14685452045.	317394684.
2	1452319.	15560153407.	497715542.
3	2057591.	21808187735.	795317029.
4	5720550.	61904095189.	2358866618.
5	3332865.	37706095453.	1052463410.
6	493598.	4842575908.	214299010.
7	29163.	398464319.	6238877.
8	79746.	948735814.	18475535.
9	42541.	536537107.	13680629.
10	226771.	2586188038.	73784730.
11	61768.	718785526.	15053959.
12	111287.	1258796577.	39745755.
13	0.	0.	0.
14	0.	0.	0.
15	0.	0.	0.
16	0.	0.	0.
17	0.	0.	0.
18	562018.	6185525916.	265249226.
19	976349.	10452341746.	584008469.
20	95623.	1044285835.	26108248.
21	57634.	637741454.	25925634.
22	6548.	81986519.	3540667.
23	258347.	3087297194.	180832684.
24	12664.	159183205.	4029451.
25	378476.	4444277681.	177239091.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	14828416.
TRUCKS:	2347659.
TOTAL:	17176075.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	32811034093.
2:SHORT-URBAN-NONWORK TRIP MILES:	101019321119.
3:OTHER WORK TRIP MILES:	22997379366.
4:OTHER NONWORK TRIP MILES:	6126332539.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	6374421543.
2:SHORT-URBAN-NONWORK TRIP MILES:	15136875476.
3:OTHER WORK TRIP MILES:	3625971307.
4:OTHER NONWORK TRIP MILES:	955371224.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	39185455636.
2:SHORT-URBAN-NONWORK TRIP MILES:	116156196595.
3:OTHER WORK TRIP MILES:	26623350673.
4:OTHER NONWORK TRIP MILES:	7081703762.

PERSONAL VMT

CAR VMT:	162954067117.
TRUCK VMT:	26092639550.
TOTAL VMT:	189046706667.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5236056294.	1033631045.	6269687339.
DIESEL (GALS):	166979485.	233302424.	400281909.
ELECTRICITY (KWH):	0.	0.	0.
METHANOL (GALS):	0.	0.	0.
LPG (GALS):	0.	0.	0.

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	2057423.	21695616240.	372712897.
2	1664475.	15564354914.	370120847.
3	2078081.	19317006835.	530155546.
4	5804533.	53944244000.	1554070068.
5	3807307.	36432613149.	784121363.
6	607503.	4896557285.	151196735.
7	144692.	1601919524.	21545144.
8	134596.	1451173653.	22742812.
9	134562.	1381291048.	27237186.
10	337661.	3584680063.	73651496.
11	84210.	914469789.	14872723.
12	140169.	1482147928.	34569622.
13	0.	0.	0.
14	0.	0.	0.
15	0.	0.	0.
16	0.	0.	0.
17	0.	0.	0.
18	402858.	4086299953.	139920663.
19	612522.	5744826374.	250463258.
20	100068.	1067576615.	21947860.
21	53793.	542311994.	17651719.
22	6559.	69910257.	2482439.
23	162040.	1681748003.	76988810.
24	21918.	246659883.	5275411.
25	359993.	3852275720.	124051895.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	16995212.
TRUCKS:	1719752.
TOTAL:	18714964.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	31078631752.
2:SHORT-URBAN-NONWORK TRIP MILES:	122068143704.
3:OTHER WORK TRIP MILES:	7667292738.
4:OTHER NONWORK TRIP MILES:	1452006234.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	3902307362.
2:SHORT-URBAN-NONWORK TRIP MILES:	12431720804.
3:OTHER WORK TRIP MILES:	813933005.
4:OTHER NONWORK TRIP MILES:	143647630.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	34980939114.
2:SHORT-URBAN-NONWORK TRIP MILES:	134499864507.
3:OTHER WORK TRIP MILES:	8481225743.
4:OTHER NONWORK TRIP MILES:	1595653864.

PERSONAL VMT

CAR VMT:	162266074428.
TRUCK VMT:	17291608800.
TOTAL VMT:	179557683228.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	3762377457.	469855170.	4232232627.
DIESEL (GALS):	194618982.	168926885.	363545868.
ELECTRICITY (KWH):	0.	0.	0.
METHANOL (GALS):	0.	0.	0.
LPG (GALS):	0.	0.	0.

D.4 Scenario 4: Reduced Employment

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1022666.	13004730200.	281447825.
2	1444605.	16976054844.	550618307.
3	2217440.	25757307387.	954477414.
4	6162595.	74133018217.	2870454904.
5	3011223.	37870422600.	1064402483.
6	546234.	6460611797.	289675706.
7	21297.	299244328.	4689482.
8	63916.	782438556.	15366818.
9	36240.	485632846.	12409041.
10	203497.	2476846082.	71649440.
11	50441.	612329069.	12862168.
12	103152.	1248579801.	39544994.
13	8194.	120372929.	26749540.
14	18458.	233242837.	13085490.
15	28002.	372600982.	23237982.
16	27328.	326071506.	13165327.
17	39694.	500022184.	21847433.
18	699510.	8086839592.	348811925.
19	1490112.	17194012847.	971930627.
20	87274.	972339342.	24393897.
21	63836.	739215848.	30315818.
22	7962.	105656786.	4575952.
23	397769.	5078354278.	302161829.
24	11028.	142525353.	3617468.
25	407769.	5020449699.	201782639.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	15004981.
TRUCKS:	3165261.
TOTAL:	18170242.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	32713153122.
2:SHORT-URBAN-NONWORK TRIP MILES:	105227255521.
3:OTHER WORK TRIP MILES:	32636450811.
4:OTHER NONWORK TRIP MILES:	11082666711.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	8202499926.
2:SHORT-URBAN-NONWORK TRIP MILES:	20142290279.
3:OTHER WORK TRIP MILES:	6744488524.
4:OTHER NONWORK TRIP MILES:	2250115015.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	40915653048.
2:SHORT-URBAN-NONWORK TRIP MILES:	125369545801.
3:OTHER WORK TRIP MILES:	39380939336.
4:OTHER NONWORK TRIP MILES:	13332781726.

PERSONAL VMT

CAR VMT:	181659526165.
TRUCK VMT:	37339393745.
TOTAL VMT:	218998919910.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	6011076639.	1627480333.	7638556972.
DIESEL (GALS):	156521944.	260109821.	416631765.
ELECTRICITY (KWH):	26749540.	0.	26749540.
METHANOL (GALS):	36323472.	0.	36323472.
LPG (GALS):	35012760.	0.	35012760.

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1568807.	19107421515.	329824068.
2	1679123.	19793901407.	476524892.
3	2490243.	29198781346.	806093114.
4	6953248.	84337647237.	2441025029.
5	3271700.	40998927331.	890866448.
6	706256.	8483215837.	263810779.
7	90635.	1092913028.	14732254.
8	94398.	1117952627.	17619431.
9	108613.	1285023920.	25483351.
10	260261.	3256101658.	67336040.
11	58784.	720330021.	11788036.
12	124133.	1524212049.	35775341.
13	65380.	797010626.	170240244.
14	46900.	531072860.	23864470.
15	63926.	750009236.	37822783.
16	41317.	476637983.	14969243.
17	60811.	736065204.	24235591.
18	736384.	8558877458.	294114649.
19	1673210.	19335521865.	846939129.
20	95388.	1075499200.	22157509.
21	76604.	884758566.	28893611.
22	12245.	151210359.	5388982.
23	452092.	5753929831.	264674700.
24	19441.	233441901.	4999265.
25	494611.	6021227133.	194411639.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	17684534.
TRUCKS:	3559974.
TOTAL:	21244509.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	37478150337.
2:SHORT-URBAN-NONWORK TRIP MILES:	138275235477.
3:OTHER WORK TRIP MILES:	29041551960.
4:OTHER NONWORK TRIP MILES:	9412286112.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	9051104316.
2:SHORT-URBAN-NONWORK TRIP MILES:	25353653534.
3:OTHER WORK TRIP MILES:	5809253012.
4:OTHER NONWORK TRIP MILES:	1800455450.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	46529254653.
2:SHORT-URBAN-NONWORK TRIP MILES:	163628889011.
3:OTHER WORK TRIP MILES:	34850804972.
4:OTHER NONWORK TRIP MILES:	11212741563.

PERSONAL VMT

CAR VMT:	214207223886.
TRUCK VMT:	42014466313.
TOTAL VMT:	256221690199.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5208144329.	1411117461.	6619261789.
DIESEL (GALS):	172734453.	250462025.	423196477.
ELECTRICITY (KWH):	170240244.	0.	170240244.
METHANOL (GALS):	61687253.	0.	61687253.
LPG (GALS):	39204834.	0.	39204834.

D.5 Scenario 5: No Alternative Fueled Vehicles

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1034642.	13204791949.	285744700.
2	1469184.	17372068628.	562918097.
3	2258761.	26355057599.	976443622.
4	6283334.	75952164401.	2939177754.
5	3038120.	38412632133.	1078965788.
6	556858.	6646689866.	297932193.
7	21680.	305556921.	4787911.
8	65180.	800954404.	15720104.
9	37261.	500241182.	12781525.
10	208350.	2543282365.	73518905.
11	51278.	624475742.	13110793.
12	106663.	1293433813.	40959674.
13	0.	0.	0.
14	0.	0.	0.
15	0.	0.	0.
16	0.	0.	0.
17	0.	0.	0.
18	722966.	8397165850.	362120270.
19	1526960.	17644131129.	997380814.
20	89292.	999965694.	25075339.
21	66235.	769082635.	31538368.
22	8171.	108578590.	4701532.
23	407203.	5212270951.	309741200.
24	11368.	147229088.	3736837.
25	417996.	5148401005.	206921536.

PERSONAL VEHICLES OWNED THIS YEAR
CARS: 15131310.
TRUCKS: 3250192.
TOTAL: 18381501.

CAR VMT BY USE CATEGORIES
1:SHORT-URBAN-WORK TRIP MILES: 35486169485.
2:SHORT-URBAN-NONWORK TRIP MILES: 103073684489.
3:OTHER WORK TRIP MILES: 34593600467.
4:OTHER NONWORK TRIP MILES: 10857894560.

TRUCK VMT BY USE CATEGORIES
1:SHORT-URBAN-WORK TRIP MILES: 8970646970.
2:SHORT-URBAN-NONWORK TRIP MILES: 20079609920.
3:OTHER WORK TRIP MILES: 7138818483.
4:OTHER NONWORK TRIP MILES: 2237749569.

TOTAL VMT BY USE CATEGORIES
1:SHORT-URBAN-WORK TRIP MILES: 44456816455.
2:SHORT-URBAN-NONWORK TRIP MILES: 123153294410.
3:OTHER WORK TRIP MILES: 41732418950.
4:OTHER NONWORK TRIP MILES: 13095644129.

PERSONAL VMT
CAR VMT: 184011349002.
TRUCK VMT: 38426824942.
TOTAL VMT: 222438173944.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	6141182154.	1673943816.	7815125970.
DIESEL (GALS):	160878913.	267272081.	428150993.
ELECTRICITY (KWH):	0.	0.	0.
METHANOL (GALS):	0.	0.	0.
LPG (GALS):	0.	0.	0.

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1591231.	19511829864.	336725102.
2	1726586.	20566630587.	494617013.
3	2571461.	30368743395.	838412471.
4	7197038.	87927498744.	2544207153.
5	3317967.	41969281417.	911094711.
6	733081.	8920719083.	277326206.
7	91963.	1115623189.	15035896.
8	96879.	1155054424.	18187855.
9	112397.	1337024376.	26509953.
10	271014.	3402866219.	70335754.
11	60179.	741553258.	12128342.
12	131256.	1615406586.	37908723.
13	0.	0.	0.
14	0.	0.	0.
15	0.	0.	0.
16	0.	0.	0.
17	0.	0.	0.
18	779399.	9120656427.	313396423.
19	1757208.	20312537140.	889782099.
20	98952.	1124288092.	23156734.
21	82428.	954819175.	31180420.
22	12794.	158423141.	5645441.
23	474031.	6038135475.	277584584.
24	20390.	245857573.	5265095.
25	515726.	6279435192.	202713803.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	17901053.
TRUCKS:	3740928.
TOTAL:	21641982.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	43202583143.
2:SHORT-URBAN-NONWORK TRIP MILES:	134094558724.
3:OTHER WORK TRIP MILES:	32213355448.
4:OTHER NONWORK TRIP MILES:	9121733828.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	10608630262.
2:SHORT-URBAN-NONWORK TRIP MILES:	25403270344.
3:OTHER WORK TRIP MILES:	6427507630.
4:OTHER NONWORK TRIP MILES:	1794743978.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	53811213406.
2:SHORT-URBAN-NONWORK TRIP MILES:	159497829067.
3:OTHER WORK TRIP MILES:	38640863078.
4:OTHER NONWORK TRIP MILES:	10916477807.

PERSONAL VMT

CAR VMT:	218632231143.
TRUCK VMT:	44234152214.
TOTAL VMT:	262866383357.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5402382655.	1486408548.	6888791203.
DIESEL (GALS):	180106523.	262316052.	442422575.
ELECTRICITY (KWH):	0.	0.	0.
METHANOL (GALS):	0.	0.	0.
LPG (GALS):	0.	0.	0.

D.6 Scenario 6: Reduced Price for Electric Vehicles

PERSONAL VEHICLE DATA FOR 1990

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1028802.	13116347221.	283833415.
2	1459303.	17237480128.	558590377.
3	2241940.	26133210323.	968314328.
4	6231753.	75259072001.	2912608177.
5	3018233.	38117183862.	1070721452.
6	552900.	6591248644.	295473672.
7	21547.	303392981.	4754044.
8	64752.	794631098.	15597160.
9	36960.	495659745.	12664838.
10	206639.	2519693218.	72844268.
11	50924.	619425456.	13005277.
12	105761.	1280907335.	40565222.
13	26703.	378742507.	84165002.
14	18862.	239659404.	13440994.
15	28556.	379120687.	23637578.
16	27785.	331779766.	13393231.
17	40622.	513565027.	22416931.
18	719715.	8350072619.	360111063.
19	1520097.	17548863013.	992043924.
20	88937.	994801636.	24946753.
21	65905.	764389193.	31348839.
22	8108.	107641694.	4661027.
23	404067.	5167420214.	307097795.
24	11278.	145928115.	3703907.
25	414866.	5105048026.	205189738.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	15162043.
TRUCKS:	3232972.
TOTAL:	18395015.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	35572363405.
2:SHORT-URBAN-NONWORK TRIP MILES:	103228087961.
3:OTHER WORK TRIP MILES:	34634910642.
4:OTHER NONWORK TRIP MILES:	10875757395.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	8910847547.
2:SHORT-URBAN-NONWORK TRIP MILES:	19959105549.
3:OTHER WORK TRIP MILES:	7090552348.
4:OTHER NONWORK TRIP MILES:	2223659064.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	44483210952.
2:SHORT-URBAN-NONWORK TRIP MILES:	123187193510.
3:OTHER WORK TRIP MILES:	41725462991.
4:OTHER NONWORK TRIP MILES:	13099416459.

PERSONAL VMT

CAR VMT:	184311119403.
TRUCK VMT:	38184164509.
TOTAL VMT:	222495283912.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	6089541420.	1663913810.	7753455230.
DIESEL (GALS):	159430808.	265189236.	424620044.
ELECTRICITY (KWH):	84165002.	0.	84165002.
METHANOL (GALS):	37078571.	0.	37078571.
LPG (GALS):	35810162.	0.	35810162.

Appendix D

PERSONAL VEHICLE DATA FOR 2000

CLASS	NO. VEHICLES	VMT	FUEL USE GALLONS OR KWH
1	1571129.	19252700335.	332252455.
2	1702095.	20262287691.	487305639.
3	2531322.	29879817743.	824919919.
4	7081851.	86495423826.	2502725722.
5	3271525.	41342439862.	897468009.
6	723012.	8792222571.	273329876.
7	90813.	1100209616.	14828164.
8	95504.	1137283901.	17908247.
9	110688.	1315337342.	26080530.
10	266807.	3347433124.	69189837.
11	59307.	729972801.	11939025.
12	129179.	1588443646.	37276510.
13	126834.	1559314785.	331602008.
14	48055.	548913634.	24640395.
15	66197.	776703220.	39170494.
16	42179.	487993798.	15325036.
17	62962.	767357609.	25242176.
18	771898.	9029649796.	310272166.
19	1740149.	20115732266.	881167806.
20	98055.	1113644708.	22937543.
21	81566.	944541050.	30845362.
22	12611.	156129268.	5563714.
23	467287.	5951566798.	273603809.
24	20100.	242270540.	5188299.
25	508485.	6190899313.	199855426.

PERSONAL VEHICLES OWNED THIS YEAR

CARS:	17979460.
TRUCKS:	3700151.
TOTAL:	21679611.

CAR VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	43406226554.
2:SHORT-URBAN-NONWORK TRIP MILES:	134539313263.
3:OTHER WORK TRIP MILES:	32287017491.
4:OTHER NONWORK TRIP MILES:	9151298195.

TRUCK VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	10486627479.
2:SHORT-URBAN-NONWORK TRIP MILES:	25131103687.
3:OTHER WORK TRIP MILES:	6351989865.
4:OTHER NONWORK TRIP MILES:	1774712709.

TOTAL VMT BY USE CATEGORIES

1:SHORT-URBAN-WORK TRIP MILES:	53892854033.
2:SHORT-URBAN-NONWORK TRIP MILES:	159670416950.
3:OTHER WORK TRIP MILES:	38639007355.
4:OTHER NONWORK TRIP MILES:	10926010904.

PERSONAL VMT

CAR VMT:	219383855503.
TRUCK VMT:	43744433739.
TOTAL VMT:	263128289243.

FUEL USE BY PERSONAL VEHICLES:	CARS	TRUCKS	TOTAL
GASOLINE (GALS):	5318001620.	1470607495.	6788609115.
DIESEL (GALS):	177222313.	258826629.	436048942.
ELECTRICITY (KWH):	331602008.	0.	331602008.
METHANOL (GALS):	63810889.	0.	63810889.
LPG (GALS):	40567213.	0.	40567213.