

**Table D-1:
Winter Seasonal Average¹ Total Organic Gases (TOG)
Tons per day**

STATIONARY SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
FUEL COMBUSTION					
ELECTRIC UTILITIES	3.2	3.7	4.1	4.4	4.7
COGENERATION	8.3	8.8	9.7	10.1	10.1
OIL AND GAS PRODUCTION (COMBUSTION)	35.3	37.7	41.6	41.7	41.4
PETROLEUM REFINING (COMBUSTION)	0.3	0.3	0.3	0.3	0.3
MANUFACTURING AND INDUSTRIAL	0.5	0.5	0.6	0.6	0.6
FOOD AND AGRICULTURAL PROCESSING	2.8	2.8	2.7	2.7	2.7
SERVICE AND COMMERCIAL	9.9	10.5	10.8	11.0	11.1
OTHER (FUEL COMBUSTION)	0.8	0.7	0.7	0.6	0.5
* TOTAL FUEL COMBUSTION	61.0	65.0	70.4	71.4	71.4
WASTE DISPOSAL					
SEWAGE TREATMENT	0.0	0.0	0.0	0.0	0.0
LANDFILLS	211.0	226.1	240.2	253.8	262.9
INCINERATORS	0.0	0.0	0.0	0.0	0.0
SOIL REMEDIATION	0.0	0.0	0.0	0.0	0.0
OTHER (WASTE DISPOSAL)	1.6	1.8	1.9	2.0	2.1
* TOTAL WASTE DISPOSAL	212.7	227.9	242.1	255.9	265.0
CLEANING AND SURFACE COATINGS					
LAUNDERING	0.7	0.7	0.8	0.8	0.9
DEGREASING	14.7	11.2	2.5	2.6	2.7
COATINGS AND RELATED PROCESS SOLVENTS	14.0	15.0	15.7	17.0	18.0
PRINTING	1.4	1.5	1.5	1.6	1.7
ADHESIVES AND SEALANTS	0.8	0.8	0.8	0.7	0.7
OTHER (CLEANING AND SURFACE COATINGS)	3.9	4.3	4.9	5.4	5.7
* TOTAL CLEANING AND SURFACE COATINGS	35.5	33.5	26.2	28.2	29.7
PETROLEUM PRODUCTION AND MARKETING					
OIL AND GAS PRODUCTION	54.8	53.4	55.1	55.3	54.2
PETROLEUM REFINING	1.8	1.8	1.8	1.8	1.8
PETROLEUM MARKETING	13.4	14.4	15.6	16.0	16.2
* TOTAL PETROLEUM PRODUCTION AND MARKETING	70.0	69.6	72.5	73.0	72.1
INDUSTRIAL PROCESSES					
CHEMICAL	2.5	2.7	3.0	3.2	3.4
FOOD AND AGRICULTURE	9.9	10.3	10.3	10.5	10.8
MINERAL PROCESSES	0.3	0.3	0.3	0.3	0.3
METAL PROCESSES	0.2	0.2	0.2	0.2	0.2
WOOD AND PAPER	0.0	0.0	0.0	0.0	0.0

¹ This inventory represents a typical mid-week day in the wintertime, November through April. This inventory, shown in five tables for the reader's convenience, is intended to comply with EPA's requirement to include a 24-hour inventory for use in modeling the PM10 24-hour standard.

GLASS AND RELATED PRODUCTS	0.2	0.2	0.2	0.2	0.2
ELECTRONICS	0.0	0.0	0.0	0.1	0.1
OTHER (INDUSTRIAL PROCESSES)	0.2	0.2	0.2	0.2	0.2
* TOTAL INDUSTRIAL PROCESSES	13.3	13.9	14.2	14.7	15.2
** TOTAL STATIONARY SOURCES	392.6	409.9	425.4	443.3	453.4
AREA-WIDE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
SOLVENT EVAPORATION					
CONSUMER PRODUCTS	30.8	30.9	28.7	30.6	31.8
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	9.9	10.3	9.0	9.2	9.4
PESTICIDES/FERTILIZERS	30.0	27.1	26.0	24.9	24.2
ASPHALT PAVING / ROOFING	1.9	2.0	2.0	2.0	2.0
* TOTAL SOLVENT EVAPORATION	72.6	70.3	65.7	66.7	67.3
MISCELLANEOUS PROCESSES					
RESIDENTIAL FUEL COMBUSTION	27.5	28.0	28.5	28.9	29.1
FARMING OPERATIONS	713.0	761.8	804.6	861.7	899.7
CONSTRUCTION AND DEMOLITION	0.0	0.0	0.0	0.0	0.0
PAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
UNPAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
FUGITIVE WINDBLOWN DUST	0.0	0.0	0.0	0.0	0.0
FIRES	0.1	0.1	0.1	0.1	0.1
WASTE BURNING AND DISPOSAL	35.1	34.8	34.4	34.2	34.0
COOKING	0.6	0.6	0.6	0.7	0.7
OTHER (MISCELLANEOUS PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL MISCELLANEOUS PROCESSES	776.3	825.3	868.3	925.5	963.6
** TOTAL AREA-WIDE SOURCES	848.9	895.6	934.0	992.2	1031.0
MOBILE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
ON-ROAD MOTOR VEHICLES					
LIGHT DUTY PASSENGER (LDA)	60.3	46.0	35.1	26.4	21.8
LIGHT DUTY TRUCKS - 1 (LDT1)	30.1	24.6	20.6	16.8	14.5
LIGHT DUTY TRUCKS - 2 (LDT2)	19.8	16.6	14.2	12.2	11.0
MEDIUM DUTY TRUCKS (MDV)	8.6	7.1	6.1	5.4	4.9
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	9.1	4.0	2.5	1.9	1.8
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.7	0.7	0.7	0.7	0.6
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	6.9	5.6	4.6	3.6	3.1
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	4.4	3.0	2.6	2.1	1.8
LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.1	0.2	0.2	0.2	0.2
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.2	0.2	0.2	0.2	0.2
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.6	0.7	0.7	0.7	0.6
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	4.7	4.8	4.6	4.1	3.8
MOTORCYCLES (MCY)	2.7	2.6	2.5	2.3	2.1
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.2	0.2	0.2	0.2	0.2
HEAVY DUTY GAS URBAN BUSES (UB)	1.3	1.2	1.2	1.2	1.2
SCHOOL BUSES (SB)	0.5	0.4	0.3	0.3	0.3
MOTOR HOMES (MH)	1.0	1.0	1.0	0.8	0.7
* TOTAL ON-ROAD MOTOR VEHICLES	151.1	118.6	97.2	79.1	68.8

OTHER MOBILE SOURCES					
AIRCRAFT	12.3	13.2	13.9	14.4	14.7
TRAINS	0.9	0.9	0.9	0.8	0.8
SHIPS AND COMMERCIAL BOATS	0.1	0.1	0.1	0.1	0.1
RECREATIONAL BOATS	5.4	4.5	4.1	3.9	3.0
OFF-ROAD RECREATIONAL VEHICLES	8.5	8.5	8.8	9.3	9.5
OFF-ROAD EQUIPMENT	14.2	12.3	10.7	10.2	8.5
FARM EQUIPMENT	8.1	7.4	6.8	5.7	5.3
FUEL STORAGE AND HANDLING	7.6	7.1	2.7	2.3	2.4
* TOTAL OTHER MOBILE SOURCES	57.0	54.0	48.0	46.6	44.4
** TOTAL MOBILE SOURCES	208.1	172.6	145.2	125.7	113.2
GRAND TOTAL FOR SAN JOAQUIN VALLEY	1449.6	1478.1	1504.6	1561.2	1597.5

**Table D-2:
Winter Seasonal Average Volatile Organic Compounds (VOC)
Tons per day**

STATIONARY SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
FUEL COMBUSTION					
ELECTRIC UTILITIES	0.3	0.4	0.4	0.4	0.5
COGENERATION	0.8	0.8	0.9	0.9	0.9
OIL AND GAS PRODUCTION (COMBUSTION)	2.7	2.9	3.2	3.2	3.2
PETROLEUM REFINING (COMBUSTION)	0.1	0.1	0.1	0.1	0.1
MANUFACTURING AND INDUSTRIAL	0.2	0.2	0.2	0.2	0.3
FOOD AND AGRICULTURAL PROCESSING	2.2	2.2	2.2	2.2	2.2
SERVICE AND COMMERCIAL	3.6	3.8	4.0	4.1	4.1
OTHER (FUEL COMBUSTION)	0.6	0.5	0.4	0.4	0.3
* TOTAL FUEL COMBUSTION	10.5	10.9	11.4	11.5	11.5
WASTE DISPOSAL					
SEWAGE TREATMENT	0.0	0.0	0.0	0.0	0.0
LANDFILLS	2.7	2.9	3.1	3.3	3.4
INCINERATORS	0.0	0.0	0.0	0.0	0.0
SOIL REMEDIATION	0.0	0.0	0.0	0.0	0.0
OTHER (WASTE DISPOSAL)	0.5	0.5	0.5	0.6	0.6
* TOTAL WASTE DISPOSAL	3.2	3.4	3.7	3.9	4.0
CLEANING AND SURFACE COATINGS					
LAUNDERING	0.1	0.1	0.1	0.1	0.1
DEGREASING	12.3	8.7	1.5	1.5	1.5
COATINGS AND RELATED PROCESS SOLVENTS	13.4	14.4	15.1	16.4	17.4
PRINTING	1.4	1.5	1.5	1.6	1.7
ADHESIVES AND SEALANTS	0.7	0.7	0.7	0.6	0.6
OTHER (CLEANING AND SURFACE COATINGS)	2.7	3.0	3.4	3.8	4.0
* TOTAL CLEANING AND SURFACE COATINGS	30.6	28.4	22.2	23.9	25.2
PETROLEUM PRODUCTION AND MARKETING					

OIL AND GAS PRODUCTION	32.5	31.6	32.3	32.3	31.5
PETROLEUM REFINING	1.4	1.4	1.4	1.4	1.4
PETROLEUM MARKETING	6.5	6.9	7.4	7.7	8.0
* TOTAL PETROLEUM PRODUCTION AND MARKETING	40.3	39.9	41.0	41.3	40.8
INDUSTRIAL PROCESSES					
CHEMICAL	1.8	2.0	2.2	2.3	2.4
FOOD AND AGRICULTURE	9.2	9.5	9.5	9.8	10.1
MINERAL PROCESSES	0.2	0.2	0.2	0.3	0.3
METAL PROCESSES	0.2	0.2	0.2	0.2	0.2
WOOD AND PAPER	0.0	0.0	0.0	0.0	0.0
GLASS AND RELATED PRODUCTS	0.1	0.1	0.1	0.1	0.1
ELECTRONICS	0.0	0.0	0.0	0.0	0.0
OTHER (INDUSTRIAL PROCESSES)	0.1	0.1	0.1	0.1	0.1
* TOTAL INDUSTRIAL PROCESSES	11.7	12.2	12.4	12.9	13.3
** TOTAL STATIONARY SOURCES	96.3	94.9	90.7	93.5	94.9
AREA-WIDE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
SOLVENT EVAPORATION					
CONSUMER PRODUCTS	25.9	25.7	24.2	25.7	26.7
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	9.7	10.1	8.8	9.0	9.2
PESTICIDES/FERTILIZERS	30.0	27.1	26.0	24.9	24.2
ASPHALT PAVING / ROOFING	1.6	1.7	1.7	1.7	1.8
* TOTAL SOLVENT EVAPORATION	67.2	64.6	60.6	61.4	61.8
MISCELLANEOUS PROCESSES					
RESIDENTIAL FUEL COMBUSTION	12.1	12.3	12.5	12.7	12.8
FARMING OPERATIONS	57.0	60.9	64.4	68.9	72.0
CONSTRUCTION AND DEMOLITION	0.0	0.0	0.0	0.0	0.0
PAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
UNPAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
FUGITIVE WINDBLOWN DUST	0.0	0.0	0.0	0.0	0.0
FIRES	0.1	0.1	0.1	0.1	0.1
WASTE BURNING AND DISPOSAL	19.4	19.2	19.0	18.9	18.8
COOKING	0.4	0.5	0.4	0.5	0.5
OTHER (MISCELLANEOUS PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL MISCELLANEOUS PROCESSES	89.0	93.0	96.4	101.0	104.1
** TOTAL AREA-WIDE SOURCES	156.2	157.6	157.1	162.4	165.9
MOBILE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
ON-ROAD MOTOR VEHICLES					
LIGHT DUTY PASSENGER (LDA)	56.0	42.6	32.6	24.5	20.2
LIGHT DUTY TRUCKS - 1 (LDT1)	27.9	22.8	19.1	15.6	13.4
LIGHT DUTY TRUCKS - 2 (LDT2)	18.2	15.2	13.1	11.3	10.2
MEDIUM DUTY TRUCKS (MDV)	7.9	6.5	5.6	4.9	4.5
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	8.5	3.7	2.4	1.8	1.6
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.7	0.6	0.6	0.6	0.6
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	6.5	5.2	4.3	3.4	2.9
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	4.0	2.7	2.3	1.9	1.6

LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.1	0.1	0.2	0.2	0.2
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.1	0.2	0.2	0.2	0.2
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.5	0.6	0.6	0.6	0.6
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	4.1	4.2	4.0	3.6	3.3
MOTORCYCLES (MCY)	2.6	2.4	2.3	2.1	1.9
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.2	0.2	0.2	0.2	0.2
HEAVY DUTY GAS URBAN BUSES (UB)	1.1	1.0	1.0	1.0	0.9
SCHOOL BUSES (SB)	0.5	0.3	0.3	0.3	0.3
MOTOR HOMES (MH)	0.9	0.9	0.8	0.7	0.6
* TOTAL ON-ROAD MOTOR VEHICLES	139.7	109.3	89.6	72.8	63.2
OTHER MOBILE SOURCES					
AIRCRAFT	10.9	11.8	12.4	12.9	13.1
TRAINS	0.8	0.8	0.8	0.7	0.7
SHIPS AND COMMERCIAL BOATS	0.1	0.1	0.1	0.1	0.1
RECREATIONAL BOATS	5.0	4.2	3.8	3.6	2.9
OFF-ROAD RECREATIONAL VEHICLES	7.8	7.8	8.2	8.5	8.8
OFF-ROAD EQUIPMENT	12.7	10.8	9.5	9.2	7.6
FARM EQUIPMENT	7.1	6.5	6.0	5.1	4.7
FUEL STORAGE AND HANDLING	7.6	7.1	2.7	2.3	2.4
* TOTAL OTHER MOBILE SOURCES	52.1	49.2	43.4	42.3	40.3
** TOTAL MOBILE SOURCES	191.9	158.5	133.0	115.1	103.5
GRAND TOTAL FOR SAN JOAQUIN VALLEY	444.4	410.9	380.8	371.0	364.2

**Table D-3:
Winter Seasonal Average Oxides of Nitrogen (NOx)
Tons per day**

STATIONARY SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
FUEL COMBUSTION					
ELECTRIC UTILITIES	2.8	2.7	2.7	2.7	2.9
COGENERATION	11.0	10.5	9.7	6.2	6.3
OIL AND GAS PRODUCTION (COMBUSTION)	40.7	25.1	26.5	26.1	25.6
PETROLEUM REFINING (COMBUSTION)	1.5	1.4	1.4	1.4	1.4
MANUFACTURING AND INDUSTRIAL	26.6	25.0	26.2	27.3	28.0
FOOD AND AGRICULTURAL PROCESSING	13.2	13.0	12.8	12.7	12.7
SERVICE AND COMMERCIAL	44.0	45.0	46.9	47.9	48.4
OTHER (FUEL COMBUSTION)	7.9	7.5	6.8	6.1	5.6
* TOTAL FUEL COMBUSTION	147.8	130.1	133.2	130.5	131.0
WASTE DISPOSAL					
SEWAGE TREATMENT	0.0	0.0	0.0	0.0	0.0
LANDFILLS	0.0	0.0	0.0	0.0	0.0
INCINERATORS	0.0	0.0	0.0	0.1	0.1
SOIL REMEDIATION	0.0	0.0	0.0	0.0	0.0
OTHER (WASTE DISPOSAL)	0.0	0.0	0.0	0.0	0.0

* TOTAL WASTE DISPOSAL	0.0	0.0	0.0	0.1	0.1
CLEANING AND SURFACE COATINGS					
LAUNDERING	0.0	0.0	0.0	0.0	0.0
DEGREASING	0.0	0.0	0.0	0.0	0.0
COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PRINTING	0.0	0.0	0.0	0.0	0.0
ADHESIVES AND SEALANTS	0.0	0.0	0.0	0.0	0.0
OTHER (CLEANING AND SURFACE COATINGS)	0.0	0.0	0.0	0.0	0.0
* TOTAL CLEANING AND SURFACE COATINGS	0.0	0.0	0.0	0.0	0.0
PETROLEUM PRODUCTION AND MARKETING					
OIL AND GAS PRODUCTION	0.2	0.2	0.2	0.2	0.2
PETROLEUM REFINING	0.1	0.1	0.1	0.1	0.1
PETROLEUM MARKETING	0.0	0.0	0.0	0.0	0.0
* TOTAL PETROLEUM PRODUCTION AND MARKETING	0.3	0.3	0.3	0.3	0.3
INDUSTRIAL PROCESSES					
CHEMICAL	0.1	0.1	0.1	0.1	0.2
FOOD AND AGRICULTURE	9.2	9.2	9.1	9.0	8.9
MINERAL PROCESSES	1.4	1.4	1.4	1.5	1.6
METAL PROCESSES	0.0	0.0	0.0	0.0	0.0
WOOD AND PAPER	0.0	0.0	0.0	0.0	0.0
GLASS AND RELATED PRODUCTS	12.6	12.5	12.1	10.1	10.6
ELECTRONICS	0.0	0.0	0.0	0.0	0.0
OTHER (INDUSTRIAL PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL INDUSTRIAL PROCESSES	23.4	23.2	22.8	20.8	21.3
** TOTAL STATIONARY SOURCES	171.5	153.7	156.4	151.7	152.7
AREA-WIDE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
SOLVENT EVAPORATION					
CONSUMER PRODUCTS	0.0	0.0	0.0	0.0	0.0
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PESTICIDES/FERTILIZERS	0.0	0.0	0.0	0.0	0.0
ASPHALT PAVING / ROOFING	0.0	0.0	0.0	0.0	0.0
* TOTAL SOLVENT EVAPORATION	0.0	0.0	0.0	0.0	0.0
MISCELLANEOUS PROCESSES					
RESIDENTIAL FUEL COMBUSTION	10.2	10.0	9.8	9.6	9.6
FARMING OPERATIONS	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION AND DEMOLITION	0.0	0.0	0.0	0.0	0.0
PAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
UNPAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
FUGITIVE WINDBLOWN DUST	0.0	0.0	0.0	0.0	0.0
FIRES	0.0	0.0	0.0	0.0	0.0
WASTE BURNING AND DISPOSAL	6.3	6.2	6.2	6.1	6.1
COOKING	0.0	0.0	0.0	0.0	0.0
OTHER (MISCELLANEOUS PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL MISCELLANEOUS PROCESSES	16.5	16.3	16.0	15.8	15.7
** TOTAL AREA-WIDE SOURCES	16.5	16.3	16.0	15.8	15.7
MOBILE SOURCES					

<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
ON-ROAD MOTOR VEHICLES					
LIGHT DUTY PASSENGER (LDA)	51.1	40.8	30.5	23.0	18.9
LIGHT DUTY TRUCKS - 1 (LDT1)	31.4	25.8	20.0	15.6	13.1
LIGHT DUTY TRUCKS - 2 (LDT2)	26.9	22.6	18.3	15.0	13.0
MEDIUM DUTY TRUCKS (MDV)	12.8	11.1	9.1	7.6	6.6
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	3.0	2.2	2.2	2.6	2.7
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.9	0.8	0.7	0.7	0.7
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	3.2	3.1	2.7	2.4	2.1
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	5.9	5.1	4.2	3.2	2.7
LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	1.3	2.7	2.9	2.5	2.2
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	2.2	2.3	2.2	1.9	1.7
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	18.6	19.9	18.9	16.7	14.8
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	88.7	90.6	83.9	73.0	63.8
MOTORCYCLES (MCY)	0.4	0.5	0.6	0.6	0.6
HEAVY DUTY DIESEL URBAN BUSES (UB)	3.7	3.9	3.8	3.7	3.7
HEAVY DUTY GAS URBAN BUSES (UB)	1.1	1.1	1.1	1.1	1.1
SCHOOL BUSES (SB)	2.0	2.3	2.4	2.5	2.6
MOTOR HOMES (MH)	2.3	2.3	2.2	2.1	2.0
* TOTAL ON-ROAD MOTOR VEHICLES	255.4	237.0	205.9	174.4	152.4
OTHER MOBILE SOURCES					
AIRCRAFT	3.3	3.5	3.7	3.8	3.9
TRAINS	19.9	17.5	13.6	11.5	10.8
SHIPS AND COMMERCIAL BOATS	0.3	0.3	0.3	0.3	0.3
RECREATIONAL BOATS	0.8	0.9	1.1	1.2	1.2
OFF-ROAD RECREATIONAL VEHICLES	0.6	0.6	0.7	0.7	0.7
OFF-ROAD EQUIPMENT	51.8	49.0	44.5	39.0	34.4
FARM EQUIPMENT	51.7	47.0	42.0	37.3	34.1
FUEL STORAGE AND HANDLING	0.0	0.0	0.0	0.0	0.0
* TOTAL OTHER MOBILE SOURCES	128.3	118.8	105.8	93.8	85.4
** TOTAL MOBILE SOURCES	383.7	355.9	311.7	268.2	237.9
GRAND TOTAL FOR SAN JOAQUIN VALLEY	571.7	525.8	484.1	435.7	406.3

**Table 3-4:
Winter Seasonal Average Oxides of Sulfur (SO_x)
Tons per day**

STATIONARY SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
FUEL COMBUSTION					
ELECTRIC UTILITIES	0.9	0.9	0.9	0.9	0.9
COGENERATION	0.7	0.7	0.7	0.8	0.8
OIL AND GAS PRODUCTION (COMBUSTION)	7.4	7.9	8.7	8.7	8.6
PETROLEUM REFINING (COMBUSTION)	1.1	1.1	1.1	1.1	1.1
MANUFACTURING AND INDUSTRIAL	5.5	6.1	6.6	6.9	7.1

FOOD AND AGRICULTURAL PROCESSING	1.6	1.6	1.6	1.6	1.6
SERVICE AND COMMERCIAL	1.2	1.3	1.4	1.4	1.4
OTHER (FUEL COMBUSTION)	1.0	1.0	1.0	1.0	1.0
* TOTAL FUEL COMBUSTION	19.5	20.6	22.0	22.3	22.5
WASTE DISPOSAL					
SEWAGE TREATMENT	0.0	0.0	0.0	0.0	0.0
LANDFILLS	0.0	0.0	0.0	0.0	0.0
INCINERATORS	0.0	0.0	0.0	0.0	0.0
SOIL REMEDIATION	0.0	0.0	0.0	0.0	0.0
OTHER (WASTE DISPOSAL)	0.0	0.0	0.0	0.0	0.0
* TOTAL WASTE DISPOSAL	0.0	0.0	0.0	0.0	0.0
CLEANING AND SURFACE COATINGS					
LAUNDERING	0.0	0.0	0.0	0.0	0.0
DEGREASING	0.0	0.0	0.0	0.0	0.0
COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PRINTING	0.0	0.0	0.0	0.0	0.0
ADHESIVES AND SEALANTS	0.0	0.0	0.0	0.0	0.0
OTHER (CLEANING AND SURFACE COATINGS)	0.0	0.0	0.0	0.0	0.0
* TOTAL CLEANING AND SURFACE COATINGS	0.0	0.0	0.0	0.0	0.0
PETROLEUM PRODUCTION AND MARKETING					
OIL AND GAS PRODUCTION	0.1	0.1	0.1	0.1	0.1
PETROLEUM REFINING	0.2	0.2	0.2	0.2	0.2
PETROLEUM MARKETING	0.0	0.0	0.0	0.0	0.0
* TOTAL PETROLEUM PRODUCTION AND MARKETING	0.3	0.3	0.3	0.3	0.3
INDUSTRIAL PROCESSES					
CHEMICAL	0.3	0.3	0.3	0.3	0.3
FOOD AND AGRICULTURE	0.7	0.7	0.7	0.7	0.8
MINERAL PROCESSES	1.1	1.1	1.1	1.2	1.2
METAL PROCESSES	0.1	0.1	0.1	0.1	0.1
WOOD AND PAPER	0.0	0.0	0.0	0.0	0.0
GLASS AND RELATED PRODUCTS	4.1	4.2	4.3	4.5	4.7
ELECTRONICS	0.0	0.0	0.0	0.0	0.0
OTHER (INDUSTRIAL PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL INDUSTRIAL PROCESSES	6.2	6.4	6.5	6.8	7.1
** TOTAL STATIONARY SOURCES	25.9	27.3	28.8	29.4	29.9
AREA-WIDE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
SOLVENT EVAPORATION					
CONSUMER PRODUCTS	0.0	0.0	0.0	0.0	0.0
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PESTICIDES/FERTILIZERS	0.0	0.0	0.0	0.0	0.0
ASPHALT PAVING / ROOFING	0.0	0.0	0.0	0.0	0.0
* TOTAL SOLVENT EVAPORATION	0.0	0.0	0.0	0.0	0.0
MISCELLANEOUS PROCESSES					
RESIDENTIAL FUEL COMBUSTION	0.5	0.5	0.5	0.5	0.5
FARMING OPERATIONS	0.0	0.0	0.0	0.0	0.0

CONSTRUCTION AND DEMOLITION	0.0	0.0	0.0	0.0	0.0
PAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
UNPAVED ROAD DUST	0.0	0.0	0.0	0.0	0.0
FUGITIVE WINDBLOWN DUST	0.0	0.0	0.0	0.0	0.0
FIRES	0.0	0.0	0.0	0.0	0.0
WASTE BURNING AND DISPOSAL	0.1	0.1	0.1	0.1	0.1
COOKING	0.0	0.0	0.0	0.0	0.0
OTHER (MISCELLANEOUS PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL MISCELLANEOUS PROCESSES	0.6	0.6	0.6	0.6	0.6
** TOTAL AREA-WIDE SOURCES	0.6	0.6	0.6	0.6	0.6
MOBILE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
ON-ROAD MOTOR VEHICLES					
LIGHT DUTY PASSENGER (LDA)	0.2	0.2	0.2	0.2	0.2
LIGHT DUTY TRUCKS - 1 (LDT1)	0.1	0.1	0.1	0.1	0.1
LIGHT DUTY TRUCKS - 2 (LDT2)	0.1	0.1	0.1	0.1	0.1
MEDIUM DUTY TRUCKS (MDV)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.0	0.0	0.0	0.0	0.0
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.0	0.0	0.0	0.0	0.0
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.0	0.0	0.0	0.0	0.0
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.2	0.2	0.2	0.0	0.0
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	0.8	0.9	1.0	0.1	0.1
MOTORCYCLES (MCY)	0.0	0.0	0.0	0.0	0.0
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.0	0.0	0.0	0.0	0.0
HEAVY DUTY GAS URBAN BUSES (UB)	0.0	0.0	0.0	0.0	0.0
SCHOOL BUSES (SB)	0.0	0.0	0.0	0.0	0.0
MOTOR HOMES (MH)	0.0	0.0	0.0	0.0	0.0
* TOTAL ON-ROAD MOTOR VEHICLES	1.6	1.8	1.7	0.6	0.6
OTHER MOBILE SOURCES					
AIRCRAFT	0.3	0.3	0.4	0.4	0.4
TRAINS	0.2	0.2	0.2	0.2	0.2
SHIPS AND COMMERCIAL BOATS	0.4	0.4	0.4	0.4	0.4
RECREATIONAL BOATS	0.0	0.0	0.0	0.0	0.0
OFF-ROAD RECREATIONAL VEHICLES	0.0	0.0	0.0	0.0	0.0
OFF-ROAD EQUIPMENT	0.1	0.1	0.1	0.1	0.1
FARM EQUIPMENT	0.0	0.0	0.0	0.0	0.0
FUEL STORAGE AND HANDLING	0.0	0.0	0.0	0.0	0.0
* TOTAL OTHER MOBILE SOURCES	1.1	1.1	1.1	1.1	1.1
** TOTAL MOBILE SOURCES	2.7	2.9	2.8	1.7	1.7
GRAND TOTAL FOR SAN JOAQUIN VALLEY	29.2	30.8	32.3	31.8	32.2

Table D-5

Winter Seasonal Average Particulate Matter < 10 Microns (PM10)
Tons per day

STATIONARY SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
FUEL COMBUSTION					
ELECTRIC UTILITIES	0.3	0.3	0.3	0.3	0.4
COGENERATION	0.7	0.8	0.9	1.0	1.0
OIL AND GAS PRODUCTION (COMBUSTION)	1.8	1.9	2.1	2.1	2.1
PETROLEUM REFINING (COMBUSTION)	0.2	0.2	0.2	0.2	0.2
MANUFACTURING AND INDUSTRIAL	0.6	0.6	0.7	0.7	0.7
FOOD AND AGRICULTURAL PROCESSING	1.0	1.0	1.0	1.0	1.0
SERVICE AND COMMERCIAL	1.7	1.8	1.8	1.9	1.9
OTHER (FUEL COMBUSTION)	0.3	0.2	0.2	0.2	0.2
* TOTAL FUEL COMBUSTION	6.6	6.9	7.3	7.4	7.4
WASTE DISPOSAL					
SEWAGE TREATMENT	0.0	0.0	0.0	0.0	0.0
LANDFILLS	0.0	0.0	0.0	0.0	0.0
INCINERATORS	0.0	0.0	0.0	0.0	0.0
SOIL REMEDIATION	0.0	0.0	0.0	0.0	0.0
OTHER (WASTE DISPOSAL)	0.0	0.0	0.0	0.0	0.0
* TOTAL WASTE DISPOSAL	0.0	0.0	0.0	0.0	0.0
CLEANING AND SURFACE COATINGS					
LAUNDERING	0.0	0.0	0.0	0.0	0.0
DEGREASING	0.0	0.0	0.0	0.0	0.0
COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PRINTING	0.1	0.1	0.1	0.1	0.1
ADHESIVES AND SEALANTS	0.0	0.0	0.0	0.0	0.0
OTHER (CLEANING AND SURFACE COATINGS)	0.0	0.0	0.0	0.0	0.0
* TOTAL CLEANING AND SURFACE COATINGS	0.1	0.1	0.1	0.1	0.1
PETROLEUM PRODUCTION AND MARKETING					
OIL AND GAS PRODUCTION	0.0	0.0	0.0	0.0	0.0
PETROLEUM REFINING	0.1	0.1	0.1	0.1	0.1
PETROLEUM MARKETING	0.0	0.0	0.0	0.0	0.0
* TOTAL PETROLEUM PRODUCTION AND MARKETING	0.1	0.1	0.1	0.1	0.1
INDUSTRIAL PROCESSES					
CHEMICAL	1.7	1.9	2.2	2.4	2.6
FOOD AND AGRICULTURE	10.6	10.8	10.9	11.2	11.4
MINERAL PROCESSES	5.1	5.3	5.5	5.7	5.8
METAL PROCESSES	0.2	0.2	0.2	0.2	0.2
WOOD AND PAPER	0.4	0.4	0.4	0.4	0.4
GLASS AND RELATED PRODUCTS	0.6	0.6	0.6	0.6	0.6
ELECTRONICS	0.0	0.0	0.0	0.0	0.0
OTHER (INDUSTRIAL PROCESSES)	0.1	0.1	0.1	0.1	0.1
* TOTAL INDUSTRIAL PROCESSES	18.5	19.2	19.8	20.6	21.2
** TOTAL STATIONARY SOURCES	25.3	26.4	27.3	28.2	28.8

AREA-WIDE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
SOLVENT EVAPORATION					
CONSUMER PRODUCTS	0.0	0.0	0.0	0.0	0.0
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	0.0	0.0	0.0	0.0	0.0
PESTICIDES/FERTILIZERS	0.0	0.0	0.0	0.0	0.0
ASPHALT PAVING / ROOFING	0.0	0.0	0.0	0.0	0.0
* TOTAL SOLVENT EVAPORATION	0.0	0.0	0.0	0.0	0.0
MISCELLANEOUS PROCESSES					
RESIDENTIAL FUEL COMBUSTION	22.7	23.2	23.6	24.0	24.2
FARMING OPERATIONS	72.2	71.6	71.0	70.4	70.1
CONSTRUCTION AND DEMOLITION	10.6	11.1	13.0	13.8	19.8
PAVED ROAD DUST	44.8	49.1	53.4	58.0	61.3
UNPAVED ROAD DUST	34.7	35.0	35.3	35.5	35.7
FUGITIVE WINDBLOWN DUST	32.8	32.5	32.2	31.9	31.7
FIRES	0.2	0.2	0.2	0.2	0.2
WASTE BURNING AND DISPOSAL	26.1	25.8	25.5	25.3	25.2
COOKING	1.9	2.0	2.1	2.2	2.2
OTHER (MISCELLANEOUS PROCESSES)	0.0	0.0	0.0	0.0	0.0
* TOTAL MISCELLANEOUS PROCESSES	245.9	250.5	256.4	261.3	270.4
** TOTAL AREA-WIDE SOURCES	245.9	250.5	256.4	261.3	270.4
MOBILE SOURCES					
<i>SUMMARY CATEGORY NAME</i>	1999	2002	2005	2008	2010
ON-ROAD MOTOR VEHICLES					
LIGHT DUTY PASSENGER (LDA)	1.4	1.5	1.6	1.8	1.8
LIGHT DUTY TRUCKS - 1 (LDT1)	0.6	0.7	0.7	0.8	0.8
LIGHT DUTY TRUCKS - 2 (LDT2)	0.6	0.6	0.7	0.8	0.8
MEDIUM DUTY TRUCKS (MDV)	0.2	0.2	0.3	0.3	0.3
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.1	0.1	0.1	0.1	0.1
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.0	0.0	0.0	0.0	0.0
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.0	0.0	0.0	0.0	0.0
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.0	0.0	0.0	0.0	0.0
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.0	0.0	0.0	0.0	0.0
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.6	0.6	0.6	0.6	0.5
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	2.3	2.1	1.9	1.6	1.5
MOTORCYCLES (MCY)	0.0	0.0	0.0	0.0	0.0
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.1	0.1	0.1	0.1	0.1
HEAVY DUTY GAS URBAN BUSES (UB)	0.0	0.0	0.0	0.0	0.0
SCHOOL BUSES (SB)	0.1	0.1	0.1	0.1	0.1
MOTOR HOMES (MH)	0.0	0.0	0.0	0.0	0.0
* TOTAL ON-ROAD MOTOR VEHICLES	6.0	6.1	6.2	6.2	6.2
OTHER MOBILE SOURCES					
AIRCRAFT	0.4	0.4	0.4	0.4	0.4
TRAINS	0.4	0.4	0.4	0.3	0.3
SHIPS AND COMMERCIAL BOATS	0.0	0.0	0.0	0.0	0.0
RECREATIONAL BOATS	0.2	0.2	0.3	0.3	0.3

OFF-ROAD RECREATIONAL VEHICLES	0.0	0.0	0.0	0.0	0.0
OFF-ROAD EQUIPMENT	3.2	3.1	2.9	2.6	2.4
FARM EQUIPMENT	3.3	3.1	2.8	2.5	2.3
FUEL STORAGE AND HANDLING	0.0	0.0	0.0	0.0	0.0
* TOTAL OTHER MOBILE SOURCES	7.6	7.3	6.9	6.3	5.9
** TOTAL MOBILE SOURCES	13.6	13.4	13.1	12.5	12.1
GRAND TOTAL FOR SAN JOAQUIN VALLEY	284.8	290.3	296.8	302.0	311.2