

H-237  
 TABLE 6.1.1  
 NONTAMPED EXHAUST EMISSION RATES FOR  
 LOW ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 \* BER = ZML + (DR \* M)

Pol	Model Years	Zero Mile Emission Level	Deterioration Rate	50,000 Mile Emission Level	100,000 Mile Emission Level
HC	Pre-1978	0.860	0.080	1.260	1.660
	1978-1980	0.860	0.080	1.260	1.660
	1981+	0.430	0.040	0.630	0.830
CO	Pre-1978	1.970	0.100	2.470	2.970
	1978-1980	1.970	0.100	2.470	2.970
	1981+	1.330	0.040	1.530	1.730
NOx	Pre-1978	1.830	0.080	2.230	2.630
	1978-1980	1.830	0.080	2.230	2.630
	1981-1987	1.480	0.030	1.630	1.780
	1988-1989	1.070	0.030	1.220	1.370
	1990+	1.030	0.030	1.180	1.330

\* WHERE : BER = Nontampered basic exhaust emission rates in grams/mile,  
 ZML = Zero mile level in grams/mile,  
 DR = Deterioration rate in grams/mile/10K miles,  
 M = Cumulative mileage / 10,000 miles.  
 DATE : JUNE 30, 1995

H-238  
 TABLE 6.1.2  
 NONTAMPED EXHAUST EMISSION RATES FOR  
 HIGH ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 \* BER = ZML + (DR \* M)

Pol	Model Years	Zero Mile Emission Level	Deterioration Rate	50,000 Mile Emission Level	100,000 Mile Emission Level
HC	Pre-1978	1.980	0.080	2.380	2.780
	1978	1.980	0.080	2.380	2.780
	1979-1980	1.980	0.080	2.380	2.780
	1981-1983	0.990	0.040	1.190	1.390
	1984+	0.540	0.040	0.740	0.940
CO	Pre-1978	3.450	0.100	3.950	4.450
	1978	3.450	0.100	3.950	4.450
	1979-1980	3.450	0.100	3.950	4.450
	1981-1983	3.450	0.100	3.950	4.450
	1984+	2.330	0.040	2.530	2.730
NOx	Pre-1978	1.830	0.060	2.130	2.430
	1978	1.830	0.060	2.130	2.430
	1979	1.830	0.060	2.130	2.430
	1980	1.830	0.060	2.130	2.430
	1981-1984	1.480	0.030	1.630	1.780
	1985-1987	1.480	0.030	1.630	1.780
	1988-1989	1.070	0.030	1.220	1.370
	1990+	1.030	0.030	1.180	1.330

\* WHERE : BER = Nontampered basic exhaust emission rates in grams/mile,  
 ZML = Zero mile level in grams/mile,  
 DR = Deterioration rate in grams/mile/10K miles,  
 M = Cumulative mileage / 10,000 miles.  
 DATE : JUNE 30, 1995

TABLE 6.4A

REGISTRATION MIX AND  
MILEAGE ACCUMULATION RATES FOR  
LIGHT DUTY DIESEL POWERED TRUCKS

Model Year Index**	July 1 Registration Mix*	Mileage Accumulation Rate (per truck *)	Jan 1 Registration Mix	Jan 1 Mileage Accumulation Rate*** (fleet)	Jan 1 Mileage Accumulation (fleet)
1	0.063	21004.	0.025	21004.	2626.
2	0.084	19125.	0.066	20534.	15694.
3	0.084	17415.	0.066	18698.	35294.
4	0.084	15858.	0.044	17026.	53142.
5	0.084	14440.	0.044	15504.	69393.
6	0.069	13149.	0.018	14117.	84192.
7	0.059	11973.	0.015	12855.	97667.
8	0.044	10902.	0.012	11705.	109937.
9	0.036	9927.	0.009	10658.	121110.
10	0.031	9040.	0.008	9705.	131284.
11	0.030	8231.	0.008	8838.	140548.
12	0.053	7495.	0.014	8047.	148983.
13	0.047	6825.	0.012	7328.	156664.
14	0.046	6215.	0.018	6673.	163659.
15	0.036	5659.	0.033	6076.	170028.
16	0.028	5153.	0.040	5533.	175827.
17	0.017	4692.	0.051	5038.	181108.
18	0.022	4272.	0.136	4587.	185917.
19	0.017	3890.	0.208	4177.	190295.
20	0.014	3543.	0.103	3803.	194282.
21	0.009	3226.	0.041	3464.	197912.
22	0.008	2937.	0.019	3154.	201218.
23	0.008	2675.	0.008	2872.	204229.
24	0.005	2435.	0.000	2615.	206970.
25+	0.025	2218.	0.000	2381.	209465.

\* Default information that may be altered by the MOBILE5a user with information about the local area.

\*\* The indices refer to the most recent model year vehicles in any given calendar year. Index 1 references the newest model year vehicles and index 25+ references the oldest model year vehicles.

\*\*\* Sales weighted fleet mileage accumulation adjusted to January 1, where:  $JANMAR(1) = MAR(1)$  and,  
 $JANMAR(MYI) = .25 * MAR(MYI) + .75 * MAR(MYI-1)$ ,  $MYI = 2, \dots, 25+$ .

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TABLE 6.4B

DIESEL SALES FRACTION FOR  
LIGHT DUTY DIESEL POWERED TRUCKS

Model Years	Diesel Sales Fraction
Pre-1978	0.000
1978	0.008
1979	0.018
1980	0.035
1981	0.056
1982	0.093
1983	0.047
1984	0.023
1985	0.011
1986	0.007
1987	0.003
1988-1995	0.002
1996-1997	0.004
1998-1999	0.006
2000-2001	0.009
2002-2003	0.011
2004-2005	0.013
2006-2007	0.014
2008-2009	0.016
2010-2011	0.018
2012-2013	0.020
2014+	0.023

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TABLE 6.5

EXAMPLE TRAVEL WEIGHTING FRACTION CALCULATION FOR  
LIGHT DUTY DIESEL POWERED TRUCKS  
JANUARY 1, 1995

Model Years	(A) LDT1 Fleet Registration	(B) Sales Fraction	(C=A*B/DAF) LDDT Registration	(D) Annual Mileage Accrual Rate	(C*D/TFNORM) Travel Fractions		
1995	0.063	0.002	0.000	0.025	21004.	521.1	0.061
1994	0.084	0.002	0.000	0.066	20534.	1358.5	0.160
1993	0.084	0.002	0.000	0.066	18698.	1237.0	0.145
1992	0.084	0.002	0.000	0.044	17026.	750.9	0.088
1991	0.084	0.002	0.000	0.044	15504.	683.8	0.080
1990	0.069	0.002	0.000	0.018	14117.	255.7	0.030
1989	0.059	0.002	0.000	0.015	12855.	199.1	0.023
1988	0.044	0.002	0.000	0.012	11705.	135.2	0.016
1987	0.036	0.003	0.000	0.009	10658.	100.7	0.012
1986	0.031	0.007	0.000	0.008	9705.	79.0	0.009
1985	0.030	0.011	0.000	0.008	8838.	69.6	0.008
1984	0.053	0.023	0.001	0.014	8047.	112.0	0.013
1983	0.047	0.047	0.002	0.012	7328.	90.4	0.011
1982	0.046	0.093	0.004	0.018	6673.	120.9	0.014
1981	0.036	0.056	0.002	0.033	6076.	201.0	0.024
1980	0.028	0.035	0.001	0.040	5533.	223.7	0.026
1979	0.017	0.018	0.000	0.051	5038.	258.6	0.030
1978	0.022	0.008	0.000	0.136	4587.	622.6	0.073
1977	0.017	0.000	0.000	0.208	4177.	866.8	0.102
1976	0.014	0.000	0.000	0.103	3803.	391.4	0.046
1975	0.009	0.000	0.000	0.041	3464.	143.2	0.017
1974	0.008	0.000	0.000	0.019	3154.	59.6	0.007
1973	0.008	0.000	0.000	0.008	2872.	24.1	0.003
1972	0.005	0.000	0.000	0.000	2615.	0.0	0.000
1971-	0.025	0.000	0.000	0.000	2381.	0.0	0.000

DAF:  $\overline{0.013}$ TFNORM:  $\overline{8505.0}$ 

## WHERE :

- A = July 1 registration mix from Table 1.6.4A,  
B = Diesel fleet sales fractions,  
D = Sales weighted fleet mileage accumulation rate from Table 1.6.4A.

NOTE : In general, the travel weighting fractions will change for every calendar year since the sales fraction (column B) changes for almost every model year.

For the first model year (A\*B) must be divided by 3 in order to properly adjust registration from July 1 to January 1.

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TABLE 6.6

SPEED CORRECTION FACTOR COEFFICIENTS FOR  
LIGHT DUTY DIESEL POWERED TRUCKS

$$* SCF(s,sadj) = EXP(B*(s-sadj) + C*(s**2-sadj**2))$$

Pol	Model Years	Coefficients		
		A	B	C
HC	All	0.00000	-0.05500	0.00044
CO	All	0.00000	-0.08800	0.00091
NOx	All	0.00000	-0.04800	0.00071

\* WHERE :

s = average speed (mph),  
sadj = basic test procedure speed; adjusted for  
fraction of cold start operation x and  
fraction of hot start operation w,  
 $[1/sadj = (w+x)/26 + (1-w-x)/16]$ .

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TABLE 6.7

NORMALIZED BAG FRACTIONS FOR  
LIGHT DUTY DIESEL POWERED TRUCKS

Pol	Model Years	Normalized Fractions							
		Test Segment 1		Test Segment 2		Test Segment 3		Total	Test
		B1	D1	B2	D2	B3	D3	B0	D0
HC	Pre-1979	1.2090	0.1120	1.0730	0.0910	0.7030	0.0930	1.0000	0.0959
	1979	1.2090	0.1100	1.0730	0.0890	0.7030	0.0920	1.0000	0.0941
	1980-1982	1.2090	0.1100	1.0730	0.0890	0.7030	0.0920	1.0000	0.0941
	1983+	1.2090	0.1150	1.0730	0.0930	0.7030	0.0950	1.0000	0.0981
CO	Pre-1979	1.1990	0.0620	0.9350	0.0440	0.9740	0.0530	1.0000	0.0502
	1979	1.1990	0.0600	0.9350	0.0430	0.9740	0.0510	1.0000	0.0487
	1980-1982	1.1990	0.0570	0.9350	0.0400	0.9740	0.0480	1.0000	0.0457
	1983+	1.1990	0.0570	0.9350	0.0400	0.9740	0.0480	1.0000	0.0457
NOx	Pre-1979	1.0680	0.0330	0.9810	0.0360	0.9850	0.0320	1.0000	0.0343
	1979	1.0680	0.0330	0.9810	0.0350	0.9850	0.0320	1.0000	0.0338
	1980-1984	1.0680	0.0360	0.9810	0.0380	0.9850	0.0350	1.0000	0.0368
	1985+	1.0680	0.0710	0.9810	0.0720	0.9850	0.0680	1.0000	0.0707

NOTE : The fractions given in this table are used in the calculation of the operating-mode/temperature correction factor (OMTCF).

WHERE :

- OMTCF = [(TERM1 + TERM2 + TERM3)/DENOM],
- TERM1 = W\*TCF(1)\*(B1+D1\*M),
- TERM2 = (1-W-X)\*TCF(2)\*(B2+D2\*M),
- TERM3 = X\*TCF(3)\*(B3+D3\*M),
- DENOM = B0 + D0\*M,
- W = Fraction of VMT in the cold start mode,
- X = Fraction of VMT in the hot start mode,
- TCF(b) = Temperature correction factor for pollutant, model year, for test segment b from Table 6.7A,
- M = Cumulative mileage / 10,000 miles.

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TABLE 6.10A.1

METHANE OFFSETS\*  
FOR LOW ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS

Model Years	Methane Offsets (Grams/Mile)
Pre-1978	0.034
1978-1980	0.034
1981+	0.017

\* Methane offsets are used to estimate nonmethane hydrocarbon emissions (NMHC), i.e.,  $NMHC = \text{Total HC} - \text{Methane Offset}$ .

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TABLE 6.10A.2

METHANE OFFSETS\*  
FOR HIGH ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS

Model Years	Methane Offsets (Grams/Mile)
Pre-1979	0.079
1979-1980	0.079
1981-1983	0.040
1984+	0.022

\* Methane offsets are used to estimate nonmethane hydrocarbon emissions (NMHC), i.e.,  $NMHC = \text{Total HC} - \text{Methane Offset}$ .

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TABLE 6.11A.1  
BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
TOTAL NONMETHANE HC

	January 1 of Calendar Year																																																																						
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996																																																											
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**																																																									
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.3	1979	2.3	1980	2.3	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.2	1979	2.2	1980	2.2	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4		
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.2	1979	2.2	1980	2.2	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4				
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4						
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4								
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4										
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4												
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.2	1979	2.2	1980	2.2	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4														
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.2	1979	2.2	1980	2.2	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.2	1979	2.2	1980	2.2	1981	1.1	1982	1.1	1983	1.1	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																		
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																				
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																						
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.1	1979	2.1	1980	2.1	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																								
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.0	1979	2.0	1980	2.0	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																										
1975	0.0	1976	0.0	1977	0.0	1978	2.0	1979	2.0	1980	2.0	1981	1.0	1982	1.0	1983	1.0	1984	1.0	1985	1.0	1986	1.0	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																												
1976	0.0	1977	0.0	1978	1.9	1979	1.9	1980	1.9	1981	0.9	1982	0.9	1983	0.9	1984	0.9	1985	0.9	1986	0.9	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																														
1977	0.0	1978	1.8	1979	1.8	1980	1.8	1981	0.9	1982	0.9	1983	0.9	1984	0.9	1985	0.9	1986	0.9	1987	0.9	1988	0.9	1989	0.9	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																
1978	1.7	1979	1.7	1980	1.7	1981	0.8	1982	0.8	1983	0.8	1984	0.8	1985	0.8	1986	0.8	1987	0.8	1988	0.8	1989	0.8	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																		
1979	1.6	1980	1.6	1981	0.8	1982	0.8	1983	0.8	1984	0.8	1985	0.8	1986	0.8	1987	0.8	1988	0.8	1989	0.8	1990	0.8	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																				
1980	1.5	1981	0.7	1982	0.7	1983	0.7	1984	0.7	1985	0.7	1986	0.7	1987	0.7	1988	0.7	1989	0.7	1990	0.7	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																						
1981	0.7	1982	0.7	1983	0.7	1984	0.7	1985	0.7	1986	0.7	1987	0.7	1988	0.7	1989	0.7	1990	0.7	1991	0.7	1992	0.7	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																								
1982	0.6	1983	0.6	1984	0.6	1985	0.6	1986	0.6	1987	0.6	1988	0.6	1989	0.6	1990	0.6	1991	0.6	1992	0.6	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																										
1983	0.6	1984	0.6	1985	0.6	1986	0.6	1987	0.6	1988	0.6	1989	0.6	1990	0.6	1991	0.6	1992	0.6	1993	0.6	1994	0.6	1995	0.5	1996	0.4																																												
1984	0.5	1985	0.5	1986	0.5	1987	0.5	1988	0.5	1989	0.5	1990	0.5	1991	0.5	1992	0.5	1993	0.5	1994	0.5	1995	0.5	1996	0.4																																														
1985	0.4	1986	0.4	1987	0.4	1988	0.4	1989	0.4	1990	0.4	1991	0.4	1992	0.4	1993	0.4	1994	0.4	1995	0.4	1996	0.4																																																

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

Continued on the next page.

TABLE 6.11A.1 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 TOTAL NONMETHANE HC

	January 1 of Calendar Year																						
	1997	1998	1999	2000	2003	2005	2008	2010	2012	2015	2018	2020											
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**									
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	2.5	1981	1.3	1986	1.3	1988	1.3	1991	1.3	1994	1.3	1996	1.3	1997	1.3
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	2.5	1982	1.2	1987	1.2	1989	1.2	1992	1.2	1995	1.2	1998	1.2	2000	1.2
1975	0.0	1976	0.0	1977	0.0	1978	2.5	1979	1.2	1983	1.2	1988	1.2	1990	1.2	1993	1.2	1996	1.2	1999	1.2	2001	1.2
1976	0.0	1977	0.0	1978	2.4	1979	2.4	1980	1.2	1984	1.2	1989	1.2	1991	1.2	1994	1.2	1997	1.2	2000	1.2	2002	1.2
1977	0.0	1978	2.4	1979	2.4	1980	2.4	1981	1.2	1985	1.2	1990	1.2	1992	1.2	1995	1.2	1998	1.2	2001	1.2	2003	1.2
1978	2.4	1979	2.4	1980	2.4	1981	1.2	1982	1.2	1986	1.2	1991	1.2	1993	1.2	1996	1.2	1999	1.2	2002	1.2	2004	1.2
1979	2.3	1980	2.3	1981	1.2	1982	1.2	1983	1.2	1987	1.2	1992	1.2	1994	1.2	1997	1.2	2000	1.2	2003	1.2	2005	1.2
1980	2.3	1981	1.2	1982	1.1	1983	1.1	1984	1.1	1988	1.1	1993	1.1	1995	1.1	1998	1.1	2001	1.1	2004	1.1	2006	1.1
1981	1.1	1982	1.1	1983	1.1	1984	1.1	1985	1.1	1989	1.1	1994	1.1	1996	1.1	1999	1.1	2002	1.1	2005	1.1	2007	1.1
1982	1.1	1983	1.1	1984	1.1	1985	1.1	1986	1.1	1990	1.1	1995	1.1	1997	1.1	2000	1.1	2003	1.1	2006	1.1	2008	1.1
1983	1.1	1984	1.1	1985	1.1	1986	1.1	1987	1.1	1991	1.1	1996	1.1	1998	1.1	2001	1.1	2004	1.1	2007	1.1	2009	1.1
1984	1.1	1985	1.1	1986	1.1	1987	1.1	1988	1.1	1992	1.1	1997	1.1	1999	1.1	2002	1.1	2005	1.1	2008	1.1	2010	1.1
1985	1.0	1986	1.0	1987	1.0	1988	1.0	1989	1.0	1993	1.0	1998	1.0	2000	1.0	2003	1.0	2006	1.0	2009	1.0	2011	1.0
1986	1.0	1987	1.0	1988	1.0	1989	1.0	1990	1.0	1994	1.0	1999	1.0	2001	1.0	2004	1.0	2007	1.0	2010	1.0	2012	1.0
1987	1.0	1988	1.0	1989	1.0	1990	1.0	1991	1.0	1995	1.0	2000	1.0	2002	1.0	2005	1.0	2008	1.0	2011	1.0	2013	1.0
1988	0.9	1989	0.9	1990	0.9	1991	0.9	1992	0.9	1996	0.9	2001	0.9	2003	0.9	2006	0.9	2009	0.9	2012	0.9	2014	0.9
1989	0.9	1990	0.9	1991	0.9	1992	0.9	1993	0.9	1997	0.9	2002	0.9	2004	0.9	2007	0.9	2010	0.9	2013	0.9	2015	0.9
1990	0.9	1991	0.9	1992	0.9	1993	0.9	1994	0.9	1998	0.9	2003	0.9	2005	0.9	2008	0.9	2011	0.9	2014	0.9	2016	0.9
1991	0.8	1992	0.8	1993	0.8	1994	0.8	1995	0.8	1999	0.8	2004	0.8	2006	0.8	2009	0.8	2012	0.8	2015	0.8	2017	0.8
1992	0.7	1993	0.7	1994	0.7	1995	0.7	1996	0.7	2000	0.7	2005	0.7	2007	0.7	2010	0.7	2013	0.7	2016	0.7	2018	0.7
1993	0.7	1994	0.7	1995	0.7	1996	0.7	1997	0.7	2001	0.7	2006	0.7	2008	0.7	2011	0.7	2014	0.7	2017	0.7	2019	0.7
1994	0.6	1995	0.6	1996	0.6	1997	0.6	1998	0.6	2002	0.6	2007	0.6	2009	0.6	2012	0.6	2015	0.6	2018	0.6	2020	0.6
1995	0.6	1996	0.6	1997	0.6	1998	0.6	1999	0.6	2003	0.6	2008	0.6	2010	0.6	2013	0.6	2016	0.6	2019	0.6		
1996	0.5	1997	0.5	1998	0.5	1999	0.5	2000	0.5	2004	0.5	2009	0.5	2011	0.5	2014	0.5	2017	0.5	2020	0.5		
1997	0.4	1998	0.4	1999	0.4	2000	0.4	2001	0.4	2005	0.4	2010	0.4	2012	0.4	2015	0.4	2018	0.4	2020	0.4		

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

DATE : JUNE 30, 1995

TABLE 6.11B.1  
BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
CO

	January 1 of Calendar Year																																																																						
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996																																																											
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**																																																									
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0		
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0				
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0						
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0								
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0										
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0												
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0														
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																		
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																				
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																						
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																								
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																										
1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																												
1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																														
1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																																
1978	3.1	1979	3.2	1980	3.1	1981	1.7	1982	1.7	1983	1.8	1984	1.8	1985	1.8	1986	1.8	1987	1.8	1988	1.8	1989	1.8	1990	1.8	1991	1.8	1992	1.8	1993	1.8	1994	1.8	1995	1.8	1996	1.8																																		
1979	2.9	1980	2.9	1981	1.7	1982	1.7	1983	1.7	1984	1.7	1985	1.7	1986	1.7	1987	1.7	1988	1.7	1989	1.7	1990	1.7	1991	1.7	1992	1.7	1993	1.7	1994	1.7	1995	1.7	1996	1.7																																				
1980	2.8	1981	1.7	1982	1.7	1983	1.7	1984	1.7	1985	1.7	1986	1.7	1987	1.7	1988	1.7	1989	1.7	1990	1.7	1991	1.7	1992	1.7	1993	1.7	1994	1.7	1995	1.7	1996	1.7																																						
1981	1.6	1982	1.6	1983	1.6	1984	1.6	1985	1.6	1986	1.6	1987	1.6	1988	1.6	1989	1.6	1990	1.6	1991	1.6	1992	1.6	1993	1.6	1994	1.6	1995	1.6	1996	1.6																																								
1982	1.5	1983	1.5	1984	1.5	1985	1.5	1986	1.5	1987	1.5	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5																																										
1983	1.5	1984	1.5	1985	1.5	1986	1.5	1987	1.5	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5																																												
1984	1.4	1985	1.4	1986	1.4	1987	1.4	1988	1.4	1989	1.4	1990	1.4	1991	1.4	1992	1.4	1993	1.4	1994	1.4	1995	1.4	1996	1.4																																														
1985	1.3	1986	1.3	1987	1.3	1988	1.3	1989	1.3	1990	1.3	1991	1.3	1992	1.3	1993	1.3	1994	1.3	1995	1.3	1996	1.3																																																

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

Continued on the next page.

TABLE 6.11B.1 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 CO

1997	1998		1999		2000		2003		2005		2008		2010		2012		2015		2018		2020		
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1979	4.1	1981	2.2	1984	2.2	1986	2.2	1988	2.2	1991	2.2	1994	2.2	1996	2.2
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1980	4.0	1982	2.2	1985	2.2	1987	2.2	1989	2.2	1992	2.2	1995	2.2	1997	2.2
1975	0.0	1976	0.0	1977	0.0	1978	4.0	1981	2.1	1983	2.1	1986	2.1	1988	2.1	1990	2.1	1993	2.1	1996	2.1	1998	2.1
1976	0.0	1977	0.0	1978	4.0	1979	4.0	1982	2.1	1984	2.1	1987	2.1	1989	2.1	1991	2.1	1994	2.1	1997	2.1	1999	2.1
1977	0.0	1978	3.9	1979	3.9	1980	3.9	1983	2.1	1985	2.1	1988	2.1	1990	2.1	1992	2.1	1995	2.1	1998	2.1	2000	2.1
1978	3.9	1979	3.9	1980	3.9	1981	2.1	1984	2.1	1986	2.1	1989	2.1	1991	2.1	1993	2.1	1996	2.1	1999	2.1	2001	2.1
1979	3.9	1980	3.9	1981	2.1	1982	2.1	1985	2.1	1987	2.1	1990	2.1	1992	2.1	1994	2.1	1997	2.1	1999	2.1	2002	2.1
1980	3.8	1981	2.1	1982	2.1	1983	2.1	1986	2.1	1988	2.1	1991	2.1	1993	2.1	1995	2.1	1998	2.1	2000	2.1	2002	2.1
1981	2.1	1982	2.1	1983	2.1	1984	2.0	1987	2.1	1989	2.1	1992	2.1	1994	2.1	1996	2.1	1999	2.1	2001	2.1	2003	2.1
1982	2.0	1983	2.0	1984	2.0	1985	2.0	1988	2.0	1990	2.0	1993	2.0	1995	2.0	1997	2.0	2000	2.0	2002	2.0	2004	2.0
1983	2.0	1984	2.0	1985	2.0	1986	2.0	1989	2.0	1991	2.0	1994	2.0	1996	2.0	1998	2.0	2001	2.0	2003	2.0	2005	2.0
1984	2.0	1985	2.0	1986	2.0	1987	2.0	1990	2.0	1992	2.0	1995	2.0	1997	2.0	1999	2.0	2002	2.0	2004	2.0	2006	2.0
1985	2.0	1986	2.0	1987	2.0	1988	2.0	1991	2.0	1993	2.0	1996	2.0	1998	2.0	2000	2.0	2003	2.0	2005	2.0	2007	2.0
1986	1.9	1987	1.9	1988	1.9	1989	1.9	1992	1.9	1994	1.9	1997	1.9	1999	1.9	2001	1.9	2004	1.9	2006	1.9	2008	1.9
1987	1.9	1988	1.9	1989	1.9	1990	1.9	1993	1.9	1995	1.9	1998	1.9	2000	1.9	2002	1.9	2005	1.9	2007	1.9	2009	1.9
1988	1.9	1989	1.9	1990	1.9	1991	1.9	1994	1.9	1996	1.9	1999	1.9	2001	1.9	2003	1.9	2006	1.9	2008	1.9	2010	1.9
1989	1.8	1990	1.8	1991	1.8	1992	1.8	1995	1.8	1997	1.8	2000	1.8	2002	1.8	2004	1.8	2007	1.8	2009	1.8	2011	1.8
1990	1.8	1991	1.8	1992	1.8	1993	1.8	1996	1.8	1998	1.8	2001	1.8	2003	1.8	2005	1.8	2008	1.8	2010	1.8	2012	1.8
1991	1.7	1992	1.7	1993	1.7	1994	1.7	1997	1.7	1999	1.7	2002	1.7	2004	1.7	2006	1.7	2009	1.7	2011	1.7	2013	1.7
1992	1.7	1993	1.7	1994	1.7	1995	1.7	1998	1.7	2000	1.7	2003	1.7	2005	1.7	2007	1.7	2010	1.7	2012	1.7	2014	1.7
1993	1.6	1994	1.6	1995	1.6	1996	1.6	1999	1.6	2001	1.6	2004	1.6	2006	1.6	2008	1.6	2011	1.6	2013	1.6	2015	1.6
1994	1.5	1995	1.5	1996	1.5	1997	1.5	2000	1.5	2002	1.5	2005	1.5	2007	1.5	2009	1.5	2012	1.5	2014	1.5	2016	1.5
1995	1.5	1996	1.5	1997	1.5	1998	1.5	2001	1.5	2003	1.5	2006	1.5	2008	1.5	2010	1.5	2013	1.5	2015	1.5	2017	1.5
1996	1.4	1997	1.4	1998	1.4	1999	1.4	2002	1.4	2004	1.4	2007	1.4	2009	1.4	2011	1.4	2014	1.4	2016	1.4	2018	1.4
1997	1.3	1998	1.3	1999	1.3	2000	1.3	2003	1.3	2005	1.3	2008	1.3	2010	1.3	2012	1.3	2015	1.3	2017	1.3	2019	1.3

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

DATE : JUNE 30, 1995

TABLE 6.11C.1  
BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
NOx

	January 1 of Calendar Year																																																																						
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996																																																											
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**																																																									
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0		
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0				
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0						
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0								
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0										
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0												
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0														
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																		
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																				
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																						
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																								
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																										
1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																												
1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																														
1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																																
1978	2.7	1979	2.7	1980	2.7	1981	2.8	1982	2.8	1983	2.8	1984	2.8	1985	2.8	1986	2.8	1987	2.8	1988	2.8	1989	2.8	1990	2.8	1991	2.8	1992	2.8	1993	2.8	1994	2.8	1995	2.8	1996	2.8																																		
1979	2.6	1980	2.6	1981	2.6	1982	2.6	1983	2.6	1984	2.6	1985	2.6	1986	2.6	1987	2.6	1988	2.6	1989	2.6	1990	2.6	1991	2.6	1992	2.6	1993	2.6	1994	2.6	1995	2.6	1996	2.6																																				
1980	2.5	1981	2.5	1982	2.5	1983	2.5	1984	2.5	1985	2.5	1986	2.5	1987	2.5	1988	2.5	1989	2.5	1990	2.5	1991	2.5	1992	2.5	1993	2.5	1994	2.5	1995	2.5	1996	2.5																																						
1981	1.7	1982	1.7	1983	1.7	1984	1.7	1985	1.7	1986	1.7	1987	1.7	1988	1.7	1989	1.7	1990	1.7	1991	1.7	1992	1.7	1993	1.7	1994	1.7	1995	1.7	1996	1.7																																								
1982	1.6	1983	1.6	1984	1.6	1985	1.6	1986	1.6	1987	1.6	1988	1.6	1989	1.6	1990	1.6	1991	1.6	1992	1.6	1993	1.6	1994	1.6	1995	1.6	1996	1.6																																										
1983	1.6	1984	1.6	1985	1.6	1986	1.6	1987	1.6	1988	1.6	1989	1.6	1990	1.6	1991	1.6	1992	1.6	1993	1.6	1994	1.6	1995	1.6	1996	1.6																																												
1984	1.5	1985	1.5	1986	1.5	1987	1.5	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5																																														
1985	1.5	1986	1.5	1987	1.5	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5																																																

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

Continued on the next page.

TABLE 6.11C.1 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR LOW ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 NOx

	January 1 of Calendar Year																								
	1997	1998	1999	2000	2003	2005	2008	2010	2012	2015	2018	2020													
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**											
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1979	0.0	1981	2.1	1984	2.1	1986	2.1	1988	1.7	1991	1.7	1994	1.7	1996	1.7
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1980	0.0	1982	2.1	1985	2.1	1987	2.1	1989	1.7	1992	1.7	1995	1.7	1997	1.7
1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	3.4	1981	3.4	1983	2.1	1986	2.1	1988	2.1	1990	1.7	1993	1.6	1996	1.6	1998	1.6
1976	0.0	1977	0.0	1978	3.4	1979	3.4	1980	3.4	1982	3.4	1984	2.1	1987	2.1	1989	1.7	1991	1.6	1994	1.6	1997	1.6	1999	1.6
1977	0.0	1978	3.4	1979	3.4	1980	3.4	1981	3.4	1983	3.4	1985	2.1	1988	2.1	1990	1.7	1992	1.6	1995	1.6	1998	1.6	2000	1.6
1978	3.4	1979	3.4	1980	3.4	1981	3.4	1982	3.4	1984	3.4	1986	2.1	1989	2.1	1991	1.6	1993	1.6	1996	1.6	1999	1.6	2001	1.6
1979	3.4	1980	3.4	1981	3.4	1982	2.1	1983	2.1	1985	2.1	1987	2.1	1989	2.1	1991	1.6	1992	1.6	1994	1.6	1997	1.6	2002	1.6
1980	3.3	1981	2.0	1982	2.0	1983	2.0	1984	2.0	1986	2.0	1988	2.0	1990	2.0	1992	1.6	1993	1.6	1995	1.6	1998	1.6	2003	1.6
1981	2.0	1982	2.0	1983	2.0	1984	2.0	1985	2.0	1987	2.0	1989	1.6	1991	1.6	1992	1.6	1994	1.6	1996	1.6	1999	1.6	2004	1.6
1982	2.0	1983	2.0	1984	2.0	1985	2.0	1986	2.0	1988	2.0	1990	1.6	1992	1.6	1994	1.6	1996	1.6	1997	1.6	2003	1.6	2005	1.6
1983	2.0	1984	2.0	1985	2.0	1986	2.0	1987	2.0	1989	1.6	1991	1.6	1993	1.6	1994	1.6	1995	1.6	1997	1.6	2004	1.6	2006	1.6
1984	2.0	1985	2.0	1986	2.0	1987	2.0	1988	2.0	1990	1.6	1992	1.6	1994	1.6	1995	1.6	1996	1.6	1997	1.6	2003	1.6	2005	1.6
1985	2.0	1986	2.0	1987	2.0	1988	2.0	1989	2.0	1991	1.6	1993	1.6	1995	1.6	1996	1.6	1997	1.6	1998	1.5	2001	1.5	2006	1.5
1986	1.9	1987	1.9	1988	1.5	1989	1.5	1990	1.5	1992	1.5	1994	1.5	1996	1.5	1997	1.5	1998	1.5	1999	1.5	2002	1.5	2007	1.5
1987	1.9	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1993	1.5	1995	1.5	1997	1.5	1998	1.5	1999	1.5	2000	1.5	2003	1.5	2008	1.5
1988	1.5	1989	1.5	1990	1.4	1991	1.4	1992	1.4	1994	1.4	1996	1.4	1998	1.4	1999	1.4	2001	1.4	2002	1.4	2003	1.4	2009	1.4
1989	1.4	1990	1.4	1991	1.4	1992	1.4	1993	1.4	1995	1.4	1997	1.4	1999	1.4	2001	1.4	2002	1.4	2003	1.4	2004	1.4	2011	1.4
1990	1.4	1991	1.4	1992	1.4	1993	1.4	1994	1.4	1995	1.4	1996	1.4	1997	1.4	1998	1.4	1999	1.4	2000	1.4	2004	1.4	2010	1.4
1991	1.3	1992	1.3	1993	1.3	1994	1.3	1995	1.3	1997	1.3	1999	1.3	2001	1.3	2002	1.3	2004	1.3	2005	1.3	2006	1.3	2012	1.3
1992	1.3	1993	1.3	1994	1.3	1995	1.3	1996	1.3	1998	1.3	1999	1.3	2000	1.3	2003	1.3	2004	1.3	2005	1.3	2007	1.3	2013	1.3
1993	1.2	1994	1.2	1995	1.2	1996	1.2	1997	1.2	1999	1.2	2001	1.2	2003	1.2	2004	1.2	2006	1.2	2008	1.2	2008	1.2	2014	1.2
1994	1.2	1995	1.2	1996	1.2	1997	1.2	1998	1.2	2000	1.2	2002	1.2	2004	1.2	2005	1.2	2006	1.2	2007	1.2	2009	1.2	2015	1.2
1995	1.1	1996	1.1	1997	1.1	1998	1.1	1999	1.1	2001	1.1	2003	1.1	2005	1.1	2006	1.1	2007	1.1	2008	1.1	2010	1.1	2016	1.1
1996	1.1	1997	1.1	1998	1.1	1999	1.1	2000	1.1	2002	1.1	2004	1.1	2006	1.1	2007	1.1	2008	1.1	2009	1.1	2011	1.1	2017	1.1
1997	1.0	1998	1.0	1999	1.0	2000	1.0	2003	1.0	2005	1.0	2005	1.0	2008	1.0	2008	1.0	2010	1.0	2010	1.0	2012	1.0	2018	1.0

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 1.4A.6

DATE : JUNE 30, 1995

TABLE 6.11A.2  
BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
TOTAL NONMETHANE HC

	January 1 of Calendar Year																																																																						
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996																																																											
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**																																																									
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0		
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0				
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0						
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0								
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0										
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0												
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0														
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																		
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																				
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																						
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																								
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																										
1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																												
1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0																														
1977	0.0	1978	2.8	1979	2.8	1980	2.8	1981	2.8	1982	2.8	1983	2.8	1984	2.8	1985	2.8	1986	2.8	1987	2.8	1988	2.8	1989	2.8	1990	2.8	1991	2.8	1992	2.8	1993	2.8	1994	2.8	1995	2.8	1996	2.8																																
1978	2.8	1979	2.8	1980	2.8	1981	2.8	1982	2.8	1983	2.8	1984	2.8	1985	2.8	1986	2.8	1987	2.8	1988	2.8	1989	2.8	1990	2.8	1991	2.8	1992	2.8	1993	2.8	1994	2.8	1995	2.8	1996	2.8																																		
1979	2.7	1980	2.7	1981	2.7	1982	2.7	1983	2.7	1984	2.7	1985	2.7	1986	2.7	1987	2.7	1988	2.7	1989	2.7	1990	2.7	1991	2.7	1992	2.7	1993	2.7	1994	2.7	1995	2.7	1996	2.7																																				
1980	2.6	1981	2.6	1982	2.6	1983	2.6	1984	2.6	1985	2.6	1986	2.6	1987	2.6	1988	2.6	1989	2.6	1990	2.6	1991	2.6	1992	2.6	1993	2.6	1994	2.6	1995	2.6	1996	2.6																																						
1981	1.2	1982	1.2	1983	1.2	1984	1.2	1985	1.2	1986	1.2	1987	1.2	1988	1.2	1989	1.2	1990	1.2	1991	1.2	1992	1.2	1993	1.2	1994	1.2	1995	1.2	1996	1.2																																								
1982	1.2	1983	1.2	1984	1.2	1985	1.2	1986	1.2	1987	1.2	1988	1.2	1989	1.2	1990	1.2	1991	1.2	1992	1.2	1993	1.2	1994	1.2	1995	1.2	1996	1.2																																										
1983	1.1	1984	1.1	1985	1.1	1986	1.1	1987	1.1	1988	1.1	1989	1.1	1990	1.1	1991	1.1	1992	1.1	1993	1.1	1994	1.1	1995	1.1	1996	1.1																																												
1984	0.6	1985	0.6	1986	0.6	1987	0.6	1988	0.6	1989	0.6	1990	0.6	1991	0.6	1992	0.6	1993	0.6	1994	0.6	1995	0.6	1996	0.6																																														
1985	0.5	1986	0.5	1987	0.5	1988	0.5	1989	0.5	1990	0.5	1991	0.5	1992	0.5	1993	0.5	1994	0.5	1995	0.5	1996	0.5																																																

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6

Continued on the next page.



TABLE 6.11A.2 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 TOTAL NONMETHANE HC

	1997		1998		1999		2000		2003		2008		2010		2012		2015		2018		2020		
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	3.6	1981	1.8	1984	1.4	1986	1.4	1988	1.4	1991	1.4	1994	1.4	1996	1.4
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	3.6	1982	1.8	1985	1.3	1987	1.3	1989	1.3	1992	1.3	1995	1.3	1997	1.3
1975	0.0	1976	0.0	1977	0.0	1978	3.5	1979	1.8	1983	1.8	1986	1.3	1988	1.3	1990	1.3	1993	1.3	1996	1.3	1998	1.3
1976	0.0	1977	0.0	1978	3.5	1979	3.5	1980	1.8	1984	1.3	1987	1.3	1989	1.3	1991	1.3	1994	1.3	1997	1.3	1999	1.3
1977	0.0	1978	3.5	1979	3.5	1980	3.5	1981	1.7	1985	1.3	1988	1.3	1990	1.3	1992	1.3	1995	1.3	1998	1.3	2000	1.3
1978	3.5	1979	3.5	1980	3.5	1981	3.5	1982	1.3	1986	1.3	1989	1.3	1991	1.3	1993	1.3	1996	1.3	1999	1.3	2001	1.3
1979	3.4	1980	3.4	1981	1.7	1982	1.7	1983	1.3	1987	1.3	1990	1.3	1992	1.3	1994	1.3	1997	1.3	2000	1.3	2002	1.3
1980	3.4	1981	1.7	1982	1.7	1983	1.7	1984	1.3	1988	1.3	1991	1.3	1993	1.3	1995	1.3	1998	1.3	2001	1.3	2003	1.3
1981	1.7	1982	1.7	1983	1.7	1984	1.7	1985	1.2	1989	1.2	1992	1.2	1994	1.2	1996	1.2	1999	1.2	2002	1.2	2004	1.2
1982	1.7	1983	1.7	1984	1.2	1985	1.2	1986	1.2	1990	1.2	1993	1.2	1995	1.2	1997	1.2	2000	1.2	2003	1.2	2005	1.2
1983	1.6	1984	1.2	1985	1.2	1986	1.2	1987	1.2	1991	1.2	1994	1.2	1996	1.2	1998	1.2	2001	1.2	2004	1.2	2006	1.2
1984	1.2	1985	1.2	1986	1.2	1987	1.2	1988	1.2	1992	1.2	1995	1.2	1997	1.2	1999	1.2	2002	1.2	2005	1.2	2007	1.2
1985	1.1	1986	1.1	1987	1.1	1988	1.1	1989	1.1	1993	1.1	1996	1.1	1998	1.1	2001	1.1	2003	1.1	2006	1.1	2008	1.1
1986	1.1	1987	1.1	1988	1.1	1989	1.1	1990	1.1	1994	1.1	1997	1.1	1999	1.1	2002	1.1	2004	1.1	2007	1.1	2009	1.1
1987	1.1	1988	1.1	1989	1.1	1990	1.1	1991	1.1	1995	1.1	1998	1.1	2001	1.1	2003	1.1	2006	1.1	2008	1.1	2010	1.1
1988	1.0	1989	1.0	1990	1.0	1991	1.0	1992	1.0	1996	1.0	1999	1.0	2001	1.0	2003	1.0	2006	1.0	2009	1.0	2011	1.0
1989	1.0	1990	1.0	1991	1.0	1992	1.0	1993	1.0	1997	1.0	2000	1.0	2002	1.0	2004	1.0	2007	1.0	2010	1.0	2012	1.0
1990	1.0	1991	1.0	1992	1.0	1993	1.0	1994	1.0	1998	1.0	2001	1.0	2003	1.0	2005	1.0	2008	1.0	2011	1.0	2013	1.0
1991	0.9	1992	0.9	1993	0.9	1994	0.9	1995	0.9	1999	0.9	2002	0.9	2004	0.9	2006	0.9	2009	0.9	2012	0.9	2014	0.9
1992	0.9	1993	0.9	1994	0.9	1995	0.9	1996	0.9	2000	0.9	2003	0.9	2005	0.9	2007	0.9	2010	0.9	2013	0.9	2015	0.9
1993	0.8	1994	0.8	1995	0.8	1996	0.8	1997	0.8	2001	0.8	2004	0.8	2006	0.8	2008	0.8	2011	0.8	2014	0.8	2016	0.8
1994	0.7	1995	0.7	1996	0.7	1997	0.7	1998	0.7	2002	0.7	2005	0.7	2007	0.7	2009	0.7	2012	0.7	2015	0.7	2017	0.7
1995	0.7	1996	0.7	1997	0.7	1998	0.7	1999	0.7	2003	0.7	2006	0.7	2008	0.7	2010	0.7	2013	0.7	2016	0.7	2018	0.7
1996	0.6	1997	0.6	1998	0.6	1999	0.6	2000	0.6	2004	0.6	2007	0.6	2009	0.6	2011	0.6	2014	0.6	2017	0.6	2019	0.6
1997	0.5	1998	0.5	1999	0.5	2000	0.5	2001	0.5	2005	0.5	2008	0.5	2010	0.5	2012	0.5	2015	0.5	2018	0.5	2020	0.5

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6

DATE : JUNE 30, 1995

TABLE 6.11B.2  
BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
CO

1985	1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.4
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	5.3
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.3	1979	5.3	1980	5.3
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.2	1979	5.2	1980	5.2	1981	5.2
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.1	1979	5.1	1980	5.1	1981	5.1	1982	5.1
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.1	1979	5.1	1980	5.1	1981	5.1	1982	5.1	1983	5.1
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	5.0	1979	5.0	1980	5.0	1981	5.0	1982	5.0	1983	5.0	1984	3.0
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	4.9	1979	4.9	1980	4.9	1981	4.9	1982	4.9	1983	4.9	1984	4.9	1985	2.9
1975	0.0	1976	0.0	1977	0.0	1978	4.8	1979	4.8	1980	4.8	1981	4.8	1982	4.8	1983	4.8	1984	4.8	1985	4.8	1986	2.9
1976	0.0	1977	0.0	1978	4.8	1979	4.7	1980	4.7	1981	4.7	1982	4.7	1983	4.7	1984	4.7	1985	4.7	1986	4.7	1987	2.9
1977	0.0	1978	4.7	1979	4.7	1980	4.7	1981	4.7	1982	4.7	1983	4.7	1984	4.7	1985	4.7	1986	4.7	1987	4.7	1988	2.8
1978	4.5	1979	4.5	1980	4.5	1981	4.5	1982	4.5	1983	4.5	1984	4.5	1985	4.5	1986	4.5	1987	4.5	1988	4.5	1989	2.8
1979	4.4	1980	4.4	1981	4.4	1982	4.4	1983	4.4	1984	4.4	1985	4.4	1986	4.4	1987	4.4	1988	4.4	1989	4.4	1990	2.7
1980	4.3	1981	4.3	1982	4.3	1983	4.3	1984	4.3	1985	4.3	1986	4.3	1987	4.3	1988	4.3	1989	4.3	1990	4.3	1991	2.7
1981	4.1	1982	4.1	1983	4.1	1984	4.1	1985	4.1	1986	4.1	1987	4.1	1988	4.1	1989	4.1	1990	4.1	1991	4.1	1992	2.6
1982	4.0	1983	4.0	1984	4.0	1985	4.0	1986	4.0	1987	4.0	1988	4.0	1989	4.0	1990	4.0	1991	4.0	1992	4.0	1993	2.6
1983	3.8	1984	3.8	1985	3.8	1986	3.8	1987	3.8	1988	3.8	1989	3.8	1990	3.8	1991	3.8	1992	3.8	1993	3.8	1994	2.5
1984	2.4	1985	2.4	1986	2.4	1987	2.4	1988	2.4	1989	2.4	1990	2.4	1991	2.4	1992	2.4	1993	2.4	1994	2.4	1995	2.5
1985	2.3	1986	2.3	1987	2.3	1988	2.3	1989	2.3	1990	2.3	1991	2.3	1992	2.3	1993	2.3	1994	2.3	1995	2.3	1996	2.4

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6

Continued on the next page.

TABLE 6.11B.2 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 CO

1997	1998		1999		2000		2003		2005		2008		2010		2012		2015		2018		2020		
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1979	5.5	1981	5.5	1984	3.2	1986	3.2	1988	3.2	1991	3.2	1994	3.2	1996	3.2
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1980	5.5	1982	5.5	1985	3.2	1987	3.2	1989	3.2	1992	3.2	1995	3.2	1997	3.2
1975	0.0	1976	0.0	1977	0.0	1978	5.5	1981	5.5	1983	5.5	1986	3.1	1988	3.1	1990	3.1	1993	3.1	1996	3.1	1998	3.1
1976	0.0	1977	0.0	1978	5.5	1979	5.5	1982	5.5	1984	3.1	1987	3.1	1989	3.1	1991	3.1	1994	3.1	1997	3.1	1999	3.1
1977	0.0	1978	5.4	1979	5.4	1980	5.4	1983	5.4	1985	3.1	1988	3.1	1990	3.1	1992	3.1	1995	3.1	1998	3.1	2000	3.1
1978	5.4	1979	5.4	1980	5.4	1981	5.4	1984	3.1	1986	3.1	1989	3.1	1991	3.1	1993	3.1	1996	3.1	1999	3.1	2001	3.1
1979	5.4	1980	5.4	1981	5.4	1982	5.4	1985	3.1	1987	3.1	1990	3.1	1992	3.1	1994	3.1	1997	3.1	1999	3.1	2002	3.1
1980	5.3	1981	5.3	1982	5.3	1983	5.3	1986	3.1	1988	3.1	1991	3.1	1993	3.1	1995	3.1	1998	3.1	2000	3.1	2002	3.1
1981	5.3	1982	5.3	1983	5.3	1984	3.0	1987	3.1	1989	3.1	1992	3.1	1994	3.1	1996	3.1	1999	3.1	2001	3.1	2003	3.1
1982	5.2	1983	5.2	1984	3.0	1985	3.0	1988	3.0	1990	3.0	1993	3.0	1995	3.0	1997	3.0	2000	3.0	2002	3.0	2004	3.0
1983	5.1	1984	3.0	1985	3.0	1986	3.0	1989	3.0	1991	3.0	1994	3.0	1996	3.0	1998	3.0	2001	3.0	2003	3.0	2005	3.0
1984	3.0	1985	3.0	1986	3.0	1987	3.0	1990	3.0	1992	3.0	1995	3.0	1997	3.0	1999	3.0	2002	3.0	2004	3.0	2006	3.0
1985	3.0	1986	3.0	1987	3.0	1988	3.0	1991	3.0	1993	3.0	1996	3.0	1998	3.0	2001	3.0	2003	3.0	2005	3.0	2007	3.0
1986	2.9	1987	2.9	1988	2.9	1989	2.9	1992	2.9	1994	2.9	1997	2.9	1999	2.9	2001	2.9	2004	2.9	2006	2.9	2008	2.9
1987	2.9	1988	2.9	1989	2.9	1990	2.9	1993	2.9	1995	2.9	1998	2.9	2000	2.9	2002	2.9	2005	2.9	2007	2.9	2009	2.9
1988	2.9	1989	2.9	1990	2.9	1991	2.9	1994	2.9	1996	2.9	1999	2.9	2001	2.9	2003	2.9	2006	2.9	2008	2.9	2010	2.9
1989	2.8	1990	2.8	1991	2.8	1992	2.8	1995	2.8	1997	2.8	2000	2.8	2002	2.8	2004	2.8	2007	2.8	2009	2.8	2011	2.8
1990	2.8	1991	2.8	1992	2.8	1993	2.8	1996	2.8	1998	2.8	2001	2.8	2003	2.8	2005	2.8	2008	2.8	2010	2.8	2012	2.8
1991	2.7	1992	2.7	1993	2.7	1994	2.7	1997	2.7	1999	2.7	2002	2.7	2004	2.7	2006	2.7	2009	2.7	2011	2.7	2013	2.7
1992	2.7	1993	2.7	1994	2.7	1995	2.7	1998	2.7	2000	2.7	2003	2.7	2005	2.7	2007	2.7	2010	2.7	2012	2.7	2014	2.7
1993	2.6	1994	2.6	1995	2.6	1996	2.6	1999	2.6	2001	2.6	2004	2.6	2006	2.6	2008	2.6	2011	2.6	2013	2.6	2015	2.6
1994	2.5	1995	2.5	1996	2.5	1997	2.5	2000	2.5	2002	2.5	2005	2.5	2007	2.5	2009	2.5	2012	2.5	2014	2.5	2016	2.5
1995	2.5	1996	2.5	1997	2.5	1998	2.5	2001	2.5	2003	2.5	2006	2.5	2008	2.5	2010	2.5	2013	2.5	2015	2.5	2017	2.5
1996	2.4	1997	2.4	1998	2.4	1999	2.4	2002	2.4	2004	2.4	2007	2.4	2009	2.4	2011	2.4	2014	2.4	2016	2.4	2018	2.4
1997	2.3	1998	2.3	1999	2.3	2000	2.3	2003	2.3	2005	2.3	2008	2.3	2010	2.3	2012	2.3	2015	2.3	2017	2.3	2019	2.3

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
- 20.6% of VMT traveled in cold start,
- 52.1% of VMT in stabilized,
- 27.3% of VMT in hot start.

Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6

DATE : JUNE 30, 1995

TABLE 6.11C.2  
BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
LIGHT DUTY DIESEL POWERED TRUCKS  
NOx

		January 1 of Calendar Year											
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**
1961	0.0	1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0
1962	0.0	1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0
1963	0.0	1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0
1964	0.0	1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0
1965	0.0	1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0
1966	0.0	1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0
1967	0.0	1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0
1968	0.0	1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0
1969	0.0	1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0
1970	0.0	1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0
1971	0.0	1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0
1972	0.0	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0
1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0
1976	0.0	1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0
1977	0.0	1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0
1978	0.0	1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0
1979	0.0	1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0
1980	0.0	1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0
1981	0.0	1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0
1982	0.0	1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0
1983	0.0	1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0
1984	0.0	1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0
1985	0.0	1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0
1986	0.0	1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0
1987	0.0	1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0
1988	0.0	1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0
1989	0.0	1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0
1990	0.0	1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0
1991	0.0	1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0	1997	0.0
1992	0.0	1993	0.0	1994	0.0	1995	0.0	1996	0.0	1997	0.0	1998	0.0
1993	0.0	1994	0.0	1995	0.0	1996	0.0	1997	0.0	1998	0.0	1999	0.0
1994	0.0	1995	0.0	1996	0.0	1997	0.0	1998	0.0	1999	0.0	2000	0.0
1995	0.0	1996	0.0	1997	0.0	1998	0.0	1999	0.0	2000	0.0	2001	0.0
1996	0.0	1997	0.0	1998	0.0	1999	0.0	2000	0.0	2001	0.0	2002	0.0

\*MY -- Indicates the model year.  
 \*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:  
 19.6 MPH, TEMP=75 Degrees F,  
 20.6% of VMT traveled in cold start,  
 52.1% of VMT in stabilized,  
 27.3% of VMT in hot start.  
 Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6

Continued on the next page.

TABLE 6.11C.2 (continued)  
 BY-MODEL-YEAR EMISSION LEVELS FOR HIGH ALTITUDE  
 LIGHT DUTY DIESEL POWERED TRUCKS  
 NOx

	January 1 of Calendar Year																										
	1997	1998	1999	2000	2003	2005	2008	2010	2012	2015	2018	2020															
	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**	MY*	E**													
1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	3.1	1981	2.1	1986	2.1	1988	1.7	1991	1.7	1994	1.7	1996	1.7	1997	1.7
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	0.0	1979	3.1	1981	2.1	1982	2.1	1987	2.1	1989	1.7	1992	1.7	1995	1.7	1998	1.7	1999	1.7
1975	0.0	1976	0.0	1977	0.0	1978	3.0	1979	3.0	1980	3.0	1981	2.1	1982	2.1	1987	2.1	1989	1.7	1992	1.7	1995	1.7	1998	1.7	1999	1.7
1976	0.0	1977	0.0	1978	3.0	1979	3.0	1980	3.0	1981	2.1	1982	2.1	1983	2.1	1988	1.7	1991	1.7	1994	1.7	1997	1.7	2000	1.7	2001	1.7
1977	0.0	1978	3.0	1979	3.0	1980	3.0	1981	3.0	1982	2.1	1983	2.1	1984	2.1	1989	1.7	1992	1.7	1995	1.7	1998	1.7	2001	1.7	2002	1.7
1978	3.0	1979	3.0	1980	3.0	1981	3.0	1982	2.1	1983	2.1	1984	2.1	1985	2.1	1990	1.7	1993	1.7	1996	1.7	1999	1.7	2002	1.7	2003	1.7
1979	3.0	1980	3.0	1981	2.1	1982	2.1	1983	2.1	1984	2.1	1985	2.1	1986	2.1	1991	1.7	1994	1.7	1997	1.7	2000	1.7	2003	1.7	2004	1.7
1980	2.9	1981	2.0	1982	2.0	1983	2.0	1984	2.0	1985	2.0	1986	2.0	1987	2.0	1992	1.7	1995	1.7	1998	1.7	2001	1.7	2004	1.7	2005	1.7
1981	2.0	1982	2.0	1983	2.0	1984	2.0	1985	2.0	1986	2.0	1987	2.0	1988	2.0	1993	1.7	1996	1.7	1999	1.7	2002	1.7	2005	1.7	2006	1.7
1982	2.0	1983	2.0	1984	2.0	1985	2.0	1986	2.0	1987	2.0	1988	1.6	1991	1.6	1994	1.6	1997	1.6	2000	1.6	2003	1.6	2006	1.6	2007	1.6
1983	2.0	1984	2.0	1985	2.0	1986	2.0	1987	2.0	1988	1.6	1991	1.6	1994	1.6	1997	1.6	2000	1.6	2003	1.6	2006	1.6	2009	1.6	2010	1.6
1984	2.0	1985	2.0	1986	2.0	1987	2.0	1988	2.0	1989	1.6	1992	1.6	1995	1.6	1998	1.6	2001	1.6	2004	1.6	2007	1.6	2010	1.6	2011	1.6
1985	2.0	1986	2.0	1987	2.0	1988	2.0	1989	2.0	1990	1.6	1993	1.6	1996	1.6	1999	1.6	2002	1.6	2005	1.6	2008	1.6	2011	1.6	2012	1.6
1986	1.9	1987	1.9	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5	1997	1.5	1998	1.5	1999	1.5
1987	1.9	1988	1.5	1989	1.5	1990	1.5	1991	1.5	1992	1.5	1993	1.5	1994	1.5	1995	1.5	1996	1.5	1997	1.5	1998	1.5	1999	1.5	2000	1.5
1988	1.5	1989	1.5	1990	1.4	1991	1.4	1992	1.4	1993	1.4	1994	1.4	1995	1.4	1996	1.4	1997	1.4	1998	1.4	1999	1.4	2000	1.4	2001	1.4
1989	1.4	1990	1.4	1991	1.4	1992	1.4	1993	1.4	1994	1.4	1995	1.4	1996	1.4	1997	1.4	1998	1.4	1999	1.4	2000	1.4	2001	1.4	2002	1.4
1990	1.4	1991	1.4	1992	1.4	1993	1.4	1994	1.4	1995	1.4	1996	1.4	1997	1.4	1998	1.4	1999	1.4	2000	1.4	2001	1.4	2002	1.4	2003	1.4
1991	1.3	1992	1.3	1993	1.3	1994	1.3	1995	1.3	1996	1.3	1997	1.3	1998	1.3	1999	1.3	2000	1.3	2001	1.3	2002	1.3	2003	1.3	2004	1.3
1992	1.3	1993	1.3	1994	1.3	1995	1.3	1996	1.3	1997	1.3	1998	1.3	1999	1.3	2000	1.3	2001	1.3	2002	1.3	2003	1.3	2004	1.3	2005	1.3
1993	1.2	1994	1.2	1995	1.2	1996	1.2	1997	1.2	1998	1.2	1999	1.2	2000	1.2	2001	1.2	2002	1.2	2003	1.2	2004	1.2	2005	1.2	2006	1.2
1994	1.2	1995	1.2	1996	1.2	1997	1.2	1998	1.2	1999	1.2	2000	1.2	2001	1.2	2002	1.2	2003	1.2	2004	1.2	2005	1.2	2006	1.2	2007	1.2
1995	1.1	1996	1.1	1997	1.1	1998	1.1	1999	1.1	2000	1.1	2001	1.1	2002	1.1	2003	1.1	2004	1.1	2005	1.1	2006	1.1	2007	1.1	2008	1.1
1996	1.1	1997	1.1	1998	1.1	1999	1.1	2000	1.1	2001	1.1	2002	1.1	2003	1.1	2004	1.1	2005	1.1	2006	1.1	2007	1.1	2008	1.1	2009	1.1
1997	1.0	1998	1.0	1999	1.0	2000	1.0	2001	1.0	2002	1.0	2003	1.0	2004	1.0	2005	1.0	2006	1.0	2007	1.0	2008	1.0	2009	1.0	2010	1.0

\*MY -- Indicates the model year.

\*\*E -- Indicates the average grams/mile emission level for model year "MY" on January 1 of the given calendar year. These emission levels are calculated for the FTP test conditions:

- 19.6 MPH, TEMP=75 Degrees F,
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Emissions are based on January 1 mileage accumulation figures given in Table 2.4A.6