

US EPA ARCHIVE DOCUMENT

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TABLE 6.1.1
NONTAMPERED 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.

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TABLE 6.1.2
NONTAMPERED 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.
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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,

$$\text{JANMAR}(\text{MYI}) = .25 * \text{MAR}(\text{MYI}) + .75 * \text{MAR}(\text{MYI}-1), \text{ MYI} = 2, \dots, 25+.$$

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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 (C*D) Fractions
1995	0.063	0.002	0.000	21004.	521.1
1994	0.084	0.002	0.000	20534.	1358.5
1993	0.084	0.002	0.000	18698.	1237.0
1992	0.084	0.002	0.000	17026.	750.9
1991	0.084	0.002	0.000	15504.	683.8
1990	0.069	0.002	0.000	14117.	255.7
1989	0.059	0.002	0.000	12855.	199.1
1988	0.044	0.002	0.000	11705.	135.2
1987	0.036	0.003	0.000	10658.	100.7
1986	0.031	0.007	0.000	9705.	79.0
1985	0.030	0.011	0.000	8838.	69.6
1984	0.053	0.023	0.001	8047.	112.0
1983	0.047	0.047	0.002	7328.	90.4
1982	0.046	0.093	0.004	6673.	120.9
1981	0.036	0.056	0.002	6076.	201.0
1980	0.028	0.035	0.001	5533.	223.7
1979	0.017	0.018	0.000	5038.	258.6
1978	0.022	0.008	0.000	4587.	622.6
1977	0.017	0.000	0.000	4177.	866.8
1976	0.014	0.000	0.000	3803.	391.4
1975	0.009	0.000	0.000	3464.	143.2
1974	0.008	0.000	0.000	3154.	59.6
1973	0.008	0.000	0.000	2872.	24.1
1972	0.005	0.000	0.000	2615.	0.0
1971-	0.025	0.000	0.000	2381.	0.0

DAF: 0.013

TFNORM: 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

$$* SCF(s, s_{adj}) = EXP(B*(s - s_{adj}) + C*(s^2 - s_{adj}^2))$$

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),
s_{adj} = basic test procedure speed; adjusted for
fraction of cold start operation x and
fraction of hot start operation w,
[1/s_{adj} = (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 B0	Test D0
		B1	D1	B2	D2	B3	D3		
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 :

$$\text{OMTCF} = [(\text{TERM1} + \text{TERM2} + \text{TERM3}) / \text{DENOM}],$$

$$\text{TERM1} = W * \text{TCF}(1) * (B1 + D1 * M),$$

$$\text{TERM2} = (1 - W - X) * \text{TCF}(2) * (B2 + D2 * M),$$

$$\text{TERM3} = X * \text{TCF}(3) * (B3 + D3 * M),$$

$$\text{DENOM} = B0 + D0 * M,$$

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 = Total HC - 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., $\text{NMHC} = \text{Total HC} - \text{Methane Offset}$.

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

1985		1986		1987		1988		1989		January 1 of Calendar Year		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**																																																			
+	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	2.3	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	0.5	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	0.5	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	2.2	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	0.5	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	1.1	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	0.5	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	0.5	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	0.5	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	0.5	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	0.5	1995	0.5	1996	0.4																														
	1977	0.0	1978	1.8	1979	1.8	1980	1.8	1981	1.8	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	0.5	1995	0.5	1996	0.4																																
	1978	1.7	1979	1.7	1980	1.7	1981	1.7	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	0.5	1995	0.5	1996	0.4																																		
	1979	1.6	1980	1.6	1981	1.6	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	0.5	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	0.5	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	0.5	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	0.5	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	0.5	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
27.3% of VMI in 1992 start.

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

[illegible]

*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, VMT=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.6.27.3% of which are not stated.

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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																		
		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**	
+	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

*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

	January 1 of Calendar Year						2010		2012		2015		2018		2020	
	1997		1998		1999		2000		2003		2005		2008		Year	
	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
	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1980	4.0	1982	2.2	1985	2.2	1987	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
	1976	0.0	1977	0.0	1978	4.0	1979	4.0	1982	2.1	1984	2.1	1987	2.1	1989	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
	1978	3.9	1979	3.9	1980	3.9	1981	2.1	1984	2.1	1986	2.1	1989	2.1	1991	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
	1980	3.8	1981	2.1	1982	2.1	1983	2.1	1986	2.1	1988	2.1	1991	2.1	1993	2.1
	1981	2.1	1982	2.1	1983	2.1	1984	2.1	1987	2.1	1989	2.1	1992	2.1	1994	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
	1983	2.0	1984	2.0	1985	2.0	1986	2.0	1989	2.0	1991	2.0	1994	2.0	1996	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
	1985	2.0	1986	2.0	1987	2.0	1988	2.0	1991	2.0	1993	2.0	1996	2.0	1998	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
	1987	1.9	1988	1.9	1989	1.9	1990	1.9	1993	1.9	1995	1.9	1998	1.9	2000	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
	1989	1.8	1990	1.8	1991	1.8	1992	1.8	1995	1.8	1997	1.8	2000	1.8	2002	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
	1991	1.7	1992	1.7	1993	1.7	1994	1.7	1997	1.7	1999	1.7	2002	1.7	2004	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
	1993	1.6	1994	1.6	1995	1.6	1996	1.6	1999	1.6	2001	1.6	2004	1.6	2006	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
	1995	1.5	1996	1.5	1997	1.5	1998	1.5	2001	1.5	2003	1.5	2006	1.5	2008	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
	1997	1.3	1998	1.3	1999	1.3	2000	1.3	2003	1.3	2005	1.3	2008	1.3	2010	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, VMT=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
27.3% of which are not stated.

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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																				
		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**	
+																						
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

*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
NO_x

1997	1998		1999		2000		2003		January 1 of Calendar Year 2010		2012		2015		2018		2020				
	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	3.5	1981	2.1	1984	2.1	1986	2.1	1988	1.7	1991	1.7	1996	1.7
1974	0.0	1975	0.0	1976	0.0	1977	0.0	1980	3.5	1982	2.1	1985	2.1	1987	2.1	1989	1.7	1992	1.7	1997	1.7
1975	0.0	1976	0.0	1977	0.0	1978	3.5	1981	3.5	1983	2.1	1986	2.1	1988	2.1	1990	1.6	1993	1.6	1998	1.6
1976	0.0	1977	0.0	1978	3.4	1979	3.4	1982	2.1	1984	2.1	1987	2.1	1989	1.7	1991	1.6	1994	1.6	1999	1.6
1977	0.0	1978	3.4	1979	3.4	1980	3.4	1983	2.1	1985	2.1	1988	1.7	1990	1.6	1992	1.6	1995	1.6	2000	1.6
1978	3.4	1979	3.4	1980	3.4	1981	2.1	1984	2.1	1986	1.7	1989	1.7	1991	1.6	1993	1.6	1996	1.6	2001	1.6
1979	3.4	1980	3.4	1981	2.1	1982	2.1	1985	2.1	1987	1.6	1990	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	1986	2.0	1988	1.6	1991	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	1987	2.0	1989	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	1988	1.6	1990	1.6	1993	1.6	1995	1.6	1997	1.6	2000	1.6	2005	1.6
1983	2.0	1984	2.0	1985	2.0	1986	2.0	1989	1.6	1991	1.5	1994	1.5	1996	1.5	1998	1.5	2001	1.5	2006	1.5
1984	2.0	1985	2.0	1986	2.0	1987	2.0	1990	1.5	1992	1.5	1995	1.5	1997	1.5	1999	1.5	2002	1.5	2007	1.5
1985	2.0	1986	2.0	1987	2.0	1988	1.5	1991	1.5	1993	1.5	1996	1.5	1998	1.5	2000	1.5	2003	1.5	2008	1.5
1986	1.9	1987	1.9	1988	1.5	1989	1.5	1992	1.5	1994	1.5	1997	1.5	1999	1.5	2001	1.5	2004	1.5	2009	1.5
1987	1.9	1988	1.5	1989	1.5	1990	1.5	1993	1.5	1995	1.5	1998	1.5	2000	1.5	2002	1.5	2005	1.5	2010	1.5
1988	1.5	1989	1.5	1990	1.5	1991	1.4	1994	1.4	1996	1.4	1999	1.4	2001	1.4	2003	1.4	2006	1.4	2011	1.4
1989	1.4	1990	1.4	1991	1.4	1992	1.4	1995	1.4	1997	1.4	2000	1.4	2002	1.4	2004	1.4	2007	1.4	2012	1.4
1990	1.4	1991	1.4	1992	1.4	1993	1.4	1996	1.4	1998	1.4	2001	1.4	2003	1.4	2005	1.4	2008	1.4	2013	1.4
1991	1.3	1992	1.3	1993	1.3	1994	1.3	1997	1.3	1999	1.3	2002	1.3	2004	1.3	2006	1.3	2009	1.3	2014	1.3
1992	1.3	1993	1.3	1994	1.3	1995	1.3	1998	1.3	2000	1.3	2003	1.3	2005	1.3	2007	1.3	2010	1.3	2015	1.3
1993	1.2	1994	1.2	1995	1.2	1996	1.2	1999	1.2	2001	1.2	2004	1.2	2006	1.2	2008	1.2	2011	1.2	2016	1.2
1994	1.2	1995	1.2	1996	1.2	1997	1.2	2000	1.2	2002	1.2	2005	1.2	2007	1.2	2009	1.2	2012	1.2	2017	1.2
1995	1.1	1996	1.1	1997	1.1	1998	1.1	2001	1.1	2003	1.1	2006	1.1	2008	1.1	2010	1.1	2013	1.1	2018	1.1
1996	1.1	1997	1.1	1998	1.1	1999	1.1	2002	1.1	2004	1.1	2007	1.1	2009	1.1	2011	1.1	2014	1.1	2019	1.1
1997	1.0	1998	1.0	1999	1.0	2000	1.0	2003	1.0	2005	1.0	2008	1.0	2010	1.0	2012	1.0	2015	1.0	2020	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:
 HT -- Indicates the model year.

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
27.3% of which are not stated.

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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**	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	1973	0.0	1974	0.0	1975	0.0	1976	0.0	1977	0.0	1978	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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	1997	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	1997	1.2	1998	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	1997	1.2	1998	1.2	1999	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	1997	1.1	1998	1.1	1999	1.1	2000	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	1997	0.6	1998	0.6	1999	0.6	2000	0.6	2001	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	1997	0.5	1998	0.5	1999	0.5	2000	0.5	2001	0.5	2002	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		January 1 of Calendar Year				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	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	1980	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	1981	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	1982	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	1983	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	1.7	1984	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	1985	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	1986	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	1.2	1987	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	1988	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	1989	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	1990	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	1991	1.1	1993	1.1	1996	1.1	1998	1.1	2000	1.1	2003	1.1	2006	1.1	2008	1.1
1986	1.1	1987	1.1	1988	1.1	1989	1.1	1992	1.1	1994	1.1	1997	1.1	1999	1.1	2001	1.1	2004	1.1	2007	1.1	2009	1.1
1987	1.1	1988	1.1	1989	1.1	1990	1.1	1993	1.1	1995	1.1	1998	1.1	2000	1.1	2002	1.1	2005	1.1	2008	1.1	2010	1.1
1988	1.0	1989	1.0	1990	1.0	1991	1.0	1994	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	1995	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	1996	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	1997	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	1998	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	1999	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	2000	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	2001	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	2002	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	2003	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.

-- 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:
 **E -- Indicates the model year.

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

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

1985	1986		1987		1988		1989		January 1 of Calendar Year		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**	
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

*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
27.3% of VMT in 1990 started.

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		January 1 of Calendar Year 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	0.0	1984	5.5	1986	3.2	1987	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	1985	5.5	1987	3.2	1988	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	1986	5.5	1988	3.1	1989	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	1987	3.1	1989	3.1	1990	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	1988	3.1	1990	3.1	1991	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	5.4	1989	3.1	1991	3.1	1992	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	5.4	1990	3.1	1992	3.1	1993	3.1	1994	3.1	1997	3.1	2000	3.1	2002	3.1
1980	5.3	1981	5.3	1982	5.3	1983	5.3	1986	3.1	1991	3.1	1993	3.1	1994	3.1	1995	3.1	1998	3.1	2001	3.1	2003	3.1
1981	5.3	1982	5.3	1983	5.3	1984	3.1	1987	3.1	1992	3.1	1994	3.1	1995	3.1	1996	3.1	1999	3.1	2002	3.1	2004	3.1
1982	5.2	1983	5.2	1984	3.0	1985	3.0	1988	3.0	1993	3.0	1995	3.0	1996	3.0	1997	3.0	2000	3.0	2003	3.0	2005	3.0
1983	5.1	1984	3.0	1985	3.0	1986	3.0	1989	3.0	1994	3.0	1996	3.0	1997	3.0	1998	3.0	2001	3.0	2004	3.0	2006	3.0
1984	3.0	1985	3.0	1986	3.0	1987	3.0	1990	3.0	1995	3.0	1997	3.0	1998	3.0	1999	3.0	2002	3.0	2005	3.0	2007	3.0
1985	3.0	1986	3.0	1987	3.0	1988	2.9	1991	3.0	1996	3.0	1998	3.0	1999	3.0	2000	3.0	2003	3.0	2006	3.0	2008	3.0
1986	2.9	1987	2.9	1988	2.9	1989	2.9	1992	2.9	1997	2.9	1999	2.9	2000	2.9	2001	2.9	2004	2.9	2007	2.9	2009	2.9
1987	2.9	1988	2.9	1989	2.9	1990	2.9	1993	2.9	1998	2.9	2000	2.9	2001	2.9	2002	2.9	2005	2.9	2008	2.9	2010	2.9
1988	2.9	1989	2.9	1990	2.9	1991	2.9	1994	2.9	1999	2.9	2001	2.9	2002	2.9	2003	2.9	2006	2.9	2009	2.9	2011	2.9
1989	2.8	1990	2.8	1991	2.8	1992	2.8	1995	2.8	2000	2.8	2002	2.8	2003	2.8	2004	2.8	2007	2.8	2010	2.8	2012	2.8
1990	2.8	1991	2.8	1992	2.8	1993	2.8	1996	2.8	2001	2.8	2003	2.8	2004	2.8	2005	2.8	2008	2.8	2011	2.8	2013	2.8
1991	2.7	1992	2.7	1993	2.7	1994	2.7	1997	2.7	2002	2.7	2004	2.7	2005	2.7	2006	2.7	2009	2.7	2012	2.7	2014	2.7
1992	2.7	1993	2.7	1994	2.7	1995	2.7	1998	2.7	2003	2.7	2005	2.7	2006	2.7	2007	2.7	2010	2.7	2013	2.7	2015	2.7
1993	2.6	1994	2.6	1995	2.6	1996	2.6	1999	2.6	2004	2.6	2006	2.6	2007	2.6	2008	2.6	2011	2.6	2014	2.6	2016	2.6
1994	2.5	1995	2.5	1996	2.5	1997	2.5	2000	2.5	2005	2.5	2007	2.5	2008	2.5	2009	2.5	2012	2.5	2015	2.5	2017	2.5
1995	2.5	1996	2.5	1997	2.5	1998	2.5	2001	2.5	2006	2.5	2008	2.5	2009	2.5	2010	2.5	2013	2.5	2016	2.5	2018	2.5
1996	2.4	1997	2.4	1998	2.4	1999	2.4	2002	2.4	2007	2.4	2009	2.4	2010	2.4	2011	2.4	2014	2.4	2017	2.4	2019	2.4
1997	2.3	1998	2.3	1999	2.3	2000	2.3	2003	2.3	2008	2.3	2010	2.3	2011	2.3	2012	2.3	2015	2.3	2018	2.3	2020	2.3

*MY -- Indicates the model year.

emission levels are calculated for the FTP test conditions:

19.6 MPH, VMT=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

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

DATE : JUNE 30, 1995

	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**	MY* E**	MY* E**	MY* E**	MY* E**	MY* E**
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

[illegible]

*MY -- Indicates the model year.

-- 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:
 **E -- Indicates the model year.

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