

Table 1 Regulated and related emissions and fuel economy in transit buses (in grams/mile).

Compound	Diesel	Diesel+Trap	CNG	CNG+Three-Way Catalyst
Carbon Monoxide	7.71 ± 1.91 ^a 21 ^b [2,3] ^c	0.62 ± 1.66 28 [1,3]	14.16 ± 1.63 29 [1,2,4]	4.93 ± 2.34 14 [3]
Total Hydrocarbons	1.11 ± 1.93 21 [3]	0.10 ± 1.84 23 [3]	18.95 ± 1.67 28 [1,2,4]	3.45 ± 2.36 14 [3]
Particulate Matter	0.63 ± 0.04 18 [2-4]	0.03 ± 0.04 28 [1]	0.05 ± 0.04 25 [1]	0.04 ± 0.06 11 [1]
Nitrogen Oxides	27.7 ± 3.1 24 [4]	26.2 ± 2.9 27 [4]	26.6 ± 2.8 29 [4]	7.7 ± 4.0 14 [1-3]
Nitrogen Dioxide	1.68 ± 2.13 6 [2]	11.61 ± 1.35 15 [1,2,4]	4.12 ± 1.74 9 [2]	0.10 ± 3.69 2 [2]
Carbon Dioxide	2384 ± 286 17	2836 ± 231 26	2703 ± 231 26	2291 ± 372 10
Nonmethane Hydrocarbons	0.85 ± 0.65 2	0.03 ± 0.32 8 [3]	1.64 ± 0.25 13 [2,4]	0.29 ± 0.46 4 [3]
Methane	0.03 ± 12.63 2	0.00 ± 6.31 8	9.97 ± 10.30 3	2.75 ± 8.92 4
Miles per Gallon	4.03 ± 0.29 11 [2,3]	3.22 ± 0.24 16 [1]	2.67 ± 0.29 11 [1]	3.43 ± 0.55 8

^aMean ± standard error. ^bNumber of data points. ^cSignificantly different at p < 0.05 from 1-diesel, 2-diesel+trap, CNG, 4-CNG+TWC (Developed from data from Hesterberg et al. 2008).