

**LPG Taxi, LPG Light Bus and Commercial Diesel Vehicle
Emission Data***

Year	LPG Taxi Emission Data							
	Emission (tonnes)				Percentage of Total Emission			
	RSP	NO _x	VOC	CO	RSP	NO _x	VOC	CO
2001	< 100	300	400	5,600	< 1%	< 1%	1%	6%
2002	< 100	700	800	11,100	< 1%	< 1%	2%	12%
2003	< 100	900	1,000	13,500	< 1%	< 1%	3%	15%
2004	< 100	1,000	1,300	15,600	< 1%	1%	3%	18%
2005	< 100	1,200	1,500	16,700	1%	1%	4%	21%
2006	< 100	1,300	1,700	16,700	1%	1%	5%	22%
2007	< 100	1,300	1,800	16,200	1%	1%	5%	23%
2008#	< 100	1,400	1,900	15,900	1%	2%	6%	24%
2009#	< 100	1,400	2,000	15,600	1%	2%	7%	24%

Year	LPG Light Bus Emission Data**							
	Emission (tonnes)				Percentage of Total Emission			
	RSP	NO _x	VOC	CO	RSP	NO _x	VOC	CO
2002	< 100	< 100	< 100	200	< 1%	< 1%	< 1%	< 1%
2003	< 100	< 100	< 100	600	< 1%	< 1%	< 1%	< 1%
2004	< 100	< 100	< 100	1,300	< 1%	< 1%	< 1%	2%
2005	< 100	< 100	< 100	2,400	< 1%	< 1%	< 1%	3%
2006	< 100	< 100	< 100	3,400	< 1%	< 1%	< 1%	5%
2007	< 100	< 100	< 100	3,900	< 1%	< 1%	< 1%	5%
2008#	< 100	< 100	< 100	3,900	< 1%	< 1%	< 1%	6%
2009#~	< 100	< 100	200	3,200	< 1%	< 1%	< 1%	5%

Vehicle Class	2009# Commercial Diesel Vehicle Emission Data							
	Emission (tonnes)				Percentage of Total Emission			
	RSP	NO _x	VOC	CO	RSP	NO _x	VOC	CO
Public Light Bus	< 100	200	< 100	100	2%	< 1%	< 1%	< 1%
Private Light Bus	< 100	< 100	< 100	< 100	< 1%	< 1%	< 1%	< 1%
Private car and Light Goods Vehicle	400	2,900	400	1,100	7%	4%	1%	2%
Medium and Heavy Goods Vehicle	700	9,700	700	2,600	15%	12%	2%	4%
Non Franchised Bus	100	1,300	100	300	2%	2%	< 1%	< 1%
Franchised Bus	< 100	2,100	< 100	300	2%	3%	< 1%	< 1%

* The above emission data have taken account of the emissions from vehicles under normal aging. Some of the vehicles could emit more due to poor maintenance. Making reference to the relevant international development, we are studying the use of roadside remote sensing emission data and portable emission measurement systems to estimate the excessive emissions.

** From August 2002, the Government started to accept the applications for the grant for replacing diesel light buses by LPG light buses

The 2008 and 2009 emission figures are preliminary estimates, and the 2010 figures are still under estimation.

~ From August 2004, Transport Department changed the gross vehicle weight limit of light buses from 4 tonnes to 5.5 tonnes. From 2009, we have updated the emission estimation for LPG light buses accordingly.

Note:

- RSP = Respirable Suspended Particulates
- NO_x = Nitrogen Oxides
- VOC = Volatile Organic Carbons
- CO = Carbon Monoxide