

# Light-Duty Automotive Technology and Fuel Economy Trends: 1975 through 2007

## Appendix L: Data Stratified by Vehicle Type and Marketing Group

Compliance and Innovative Strategies Division  
and  
Transportation and Climate Division

Office of Transportation and Air Quality  
U.S. Environmental Protection Agency

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*This technical report does not necessarily represent final EPA decisions or positions. It is intended to present technical analysis of issues using data that are currently available. The purpose in the release of such reports is to facilitate the exchange of technical information and to inform the public of technical developments.*



Table L-1 MY1975 to MY2007 Cars Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.9	12.1	13.2	18.1	26.7	21.5		22.5	19.0	13.4
1976	14.2	14.4	14.2	21.4	28.0	22.8		23.4	19.8	14.9
1977	15.2	14.4	14.0	24.6	30.8	23.1		24.6	20.9	15.6
1978	16.3	16.1	16.3	23.0	28.8	23.0		23.2	20.9	17.0
1979	16.4	16.5	18.0	20.4	24.6	22.7		24.4	21.2	17.3
1980	18.7	19.3	19.5	23.3	24.6	26.4		26.3	23.8	20.0
1981	19.9	20.2	22.3	26.4	26.0	25.8		29.1	24.6	21.4
1982	20.9	21.2	22.9	26.0	28.2	26.0		28.1	25.0	22.3
1983	20.1	20.6	24.0	26.9	29.9	27.7		25.6	24.6	22.0
1984	20.9	21.8	24.0	27.9	29.9	26.9		24.3	24.4	22.4
1985	21.9	22.3	23.7	27.3	28.7	25.1		25.2	24.4	23.0
1986	23.1	22.7	23.7	27.4	28.4	25.7	29.5	24.7	24.5	23.8
1987	23.2	22.7	23.0	27.8	27.7	24.9	29.0	24.0	23.9	23.9
1988	23.9	22.9	23.4	27.5	26.7	25.8	28.7	25.0	23.9	24.2
1989	23.2	22.9	23.0	26.7	26.2	25.3	27.7	24.8	23.6	23.8
1990	23.0	22.5	22.5	25.4	25.3	23.7	27.6	23.8	23.6	23.4
1991	22.9	22.9	22.5	25.4	25.2	24.2	27.2	24.3	23.3	23.4
1992	22.4	22.5	22.5	24.0	25.8	24.9	25.8	24.0	22.9	23.1
1993	22.8	23.0	22.8	23.9	26.6	24.2	25.6	22.3	24.0	23.4
1994	22.9	22.5	21.6	23.9	26.4	24.6	26.9	23.1	23.4	23.2
1995	22.7	22.9	23.0	24.6	26.9	24.1	25.4	23.3	23.3	23.4
1996	23.1	22.0	22.4	24.1	26.0	24.8	26.0	22.9	26.0	23.3
1997	23.2	22.3	22.2	24.3	26.1	24.2	25.3	23.2	23.3	23.4
1998	22.6	22.6	23.1	24.6	25.9	24.6	24.9	23.3	22.8	23.4
1999	22.5	22.4	22.1	24.6	25.0	24.1	24.9	22.9	22.7	23.0
2000	22.6	22.1	22.2	24.7	25.0	22.7	24.3	23.0	22.1	22.9
2001	22.9	21.9	22.0	25.1	25.8	22.8	24.8	22.8	21.6	23.1
2002	23.1	22.0	21.6	24.6	25.5	23.2	24.4	23.2	22.0	23.2
2003	23.0	21.6	21.5	25.7	26.1	22.3	24.1	23.4	22.1	23.2
2004	23.3	21.1	22.2	25.7	26.0	22.5	23.3	22.7	21.8	23.2
2005	23.1	21.8	21.9	27.1	26.0	23.3	23.8	22.7	21.8	23.6
2006	22.8	21.7	20.3	26.9	26.5	23.0	24.4	23.6	21.9	23.4
2007	22.4	21.8	20.3	26.9	26.2	24.6	25.6	22.6	22.0	23.4

Table L-2 MY1975 to MY2007 Wagons Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.5	12.0	13.6	19.4		17.8		23.3	20.2	13.8
1976	13.2	14.1	14.5	21.0	25.1	23.4		23.8	21.9	14.7
1977	14.4	14.0	14.1	23.7	27.1	23.0		24.5	24.2	15.3
1978	15.2	15.9	15.1	21.7	26.7	21.7		22.0	21.2	16.4
1979	15.1	17.0	15.6	21.2	25.3	23.7		21.3	23.6	16.7
1980	17.2	19.6	16.6	23.3	27.6	27.3		34.1	22.8	20.1
1981	18.0	21.6	21.4	24.7	28.6	26.7		34.5	25.1	21.8
1982	18.6	21.6	23.3	24.9	31.2	27.2		25.4	25.9	21.6
1983	19.5	22.0	23.3	29.5	31.2	29.5		26.1	25.6	23.2
1984	20.6	22.3	23.9	28.8	30.7	29.9		21.2	25.0	22.6
1985	20.9	22.9	22.9	29.9	29.5	25.6		22.1	24.8	23.4
1986	21.6	23.2	22.6	27.2	29.2	24.0		19.4	24.5	23.0
1987	21.8	22.6	22.6	27.5	28.8	23.6		22.5	23.6	23.0
1988	22.5	22.4	24.1	26.5	28.6	23.6		26.0	24.6	23.3
1989	22.0	21.7	24.0	25.6	28.9	27.0		24.6	24.1	22.6
1990	22.2	21.3	20.7	25.0	29.1	27.9		23.8	22.8	22.4
1991	21.5	24.0	17.7	25.6	23.9			22.6	22.8	23.4
1992	21.1	23.7	17.7	23.9	22.6			22.4	23.2	23.0
1993	22.4	25.7	22.2	24.6	22.8			19.8	23.0	24.6
1994	22.7	25.5	20.5	24.3	23.9			19.6	22.0	24.4
1995	22.9	25.4	21.1	25.3	23.8			19.6	22.8	24.4
1996	23.2	22.7		25.1	23.3		24.9	22.6	22.3	22.8
1997	27.4	24.0			22.0		24.9	20.2	22.7	23.7
1998	27.6	22.5	22.3				24.1	21.3	22.8	23.1
1999	26.3	22.2	21.8				23.6	21.8	22.4	22.6
2000	23.4	22.4	21.8				23.5	20.5	22.5	22.4
2001	23.4	21.7	21.8					19.7	22.3	21.7
2002	22.5	22.3	20.5					22.4	22.0	21.5
2003	26.7	22.3	20.5	27.5				22.8	22.1	23.2
2004	27.0	21.1	19.7	28.0				22.2	22.1	22.1
2005	26.3	22.2	19.3	28.4				23.3	22.1	22.2
2006	24.8	23.9	19.8	28.1				23.5	22.2	22.7
2007	24.8	22.6	19.7	28.2	30.7		22.0	23.2	22.4	24.0

Table L-3 MY1975 to MY2007 Cars and Wagons Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.9	12.1	13.2	18.8	26.7	21.4		22.6	19.2	13.5
1976	14.1	14.3	14.2	21.3	27.8	22.9		23.4	20.0	14.9
1977	15.1	14.3	14.1	24.5	30.2	23.1		24.6	21.5	15.6
1978	16.2	16.1	16.1	22.8	28.6	22.8		23.2	21.0	16.9
1979	16.3	16.6	17.7	20.5	24.7	22.8		24.4	21.8	17.2
1980	18.7	19.4	19.3	23.3	24.8	26.6		26.6	23.6	20.0
1981	19.8	20.4	22.2	26.3	26.2	25.9		29.2	24.7	21.4
1982	20.7	21.3	22.9	25.9	28.4	26.1		28.0	25.3	22.2
1983	20.1	20.8	23.9	27.7	30.0	27.9		25.6	24.9	22.1
1984	20.9	21.8	24.0	28.0	29.9	27.2		24.2	24.6	22.4
1985	21.8	22.3	23.6	28.0	28.8	25.1		25.1	24.5	23.0
1986	23.0	22.8	23.6	27.3	28.5	25.4	29.5	24.6	24.5	23.7
1987	23.1	22.7	23.0	27.8	27.7	24.8	29.0	24.0	23.8	23.8
1988	23.8	22.9	23.5	27.5	26.7	25.7	28.7	25.0	24.0	24.1
1989	23.2	22.8	23.0	26.6	26.2	25.3	27.7	24.8	23.7	23.7
1990	23.0	22.4	22.5	25.4	25.4	23.8	27.6	23.8	23.5	23.3
1991	22.8	23.0	22.4	25.4	25.2	24.2	27.2	24.3	23.2	23.4
1992	22.4	22.6	22.4	24.0	25.7	24.9	25.8	23.9	23.0	23.1
1993	22.8	23.3	22.8	24.0	26.5	24.2	25.6	22.2	23.8	23.5
1994	22.9	22.8	21.6	24.0	26.4	24.6	26.9	23.0	23.3	23.3
1995	22.7	23.1	23.0	24.7	26.8	24.1	25.4	23.2	23.2	23.4
1996	23.1	22.1	22.4	24.2	26.0	24.8	25.9	22.9	25.2	23.3
1997	23.2	22.4	22.2	24.3	26.1	24.2	25.3	23.1	23.2	23.4
1998	22.7	22.6	23.1	24.6	25.9	24.6	24.9	23.3	22.8	23.4
1999	22.5	22.4	22.0	24.6	25.0	24.1	24.8	22.8	22.7	23.0
2000	22.6	22.1	22.2	24.7	25.0	22.7	24.3	22.9	22.2	22.9
2001	22.9	21.8	22.0	25.1	25.8	22.8	24.8	22.5	21.7	23.0
2002	23.1	22.0	21.4	24.6	25.5	23.2	24.4	23.1	22.0	23.1
2003	23.1	21.7	21.3	25.8	26.1	22.3	24.1	23.3	22.1	23.2
2004	23.4	21.1	21.5	25.9	26.0	22.5	23.3	22.6	21.8	23.1
2005	23.3	21.9	21.0	27.2	26.0	23.3	23.8	22.7	21.9	23.5
2006	23.0	21.9	20.1	27.0	26.5	23.0	24.4	23.6	21.9	23.3
2007	22.6	21.8	20.1	27.2	26.4	24.6	25.6	22.6	22.1	23.4

Table L-4 MY1975 to MY2007 Vans Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.2	10.7	10.7	17.5				17.6		11.1
1976	11.9	11.4	12.1					17.0		11.8
1977	12.7	13.2	11.7					18.9		12.5
1978	11.9	12.8	11.4					17.0		12.1
1979	12.4	10.3	11.7					16.0		11.5
1980	14.2	13.8	14.1					16.2		14.1
1981	15.3	14.3	14.8					15.8		14.8
1982	15.2	13.8	15.0					18.4		14.7
1983	16.0	13.8	15.3					16.4	17.1	15.1
1984	15.5	14.1	17.2	22.9				17.6	23.6	16.1
1985	15.9	13.8	17.8	22.6				18.1	20.7	16.5
1986	16.4	16.7	18.6	22.2				16.2	18.1	17.5
1987	16.8	16.6	18.9	21.5		18.9		15.9	19.5	17.7
1988	17.1	16.4	19.4	21.6		18.8		16.7	19.1	17.9
1989	17.0	16.9	19.0	21.5		18.6		17.4	19.5	17.8
1990	17.4	16.4	19.3			21.3		17.2	19.1	17.8
1991	17.4	16.7	19.0	19.1		21.7		17.3	21.7	17.9
1992	17.4	16.6	18.9	18.6		21.3			22.4	17.9
1993	17.3	17.4	19.6	18.1		18.1		17.4	23.9	18.2
1994	17.5	16.7	18.5	18.2		18.8		16.6	21.8	17.8
1995	17.1	18.0	19.0	18.6	20.9	19.0		16.1		18.1
1996	17.7	17.7	18.8	18.4	23.3	18.9			21.5	18.3
1997	18.0	17.1	18.7	18.2	20.2	18.6		15.3		18.2
1998	18.2	18.3	19.2	19.8	21.9	18.6				18.7
1999	18.0	17.2	18.8	19.7	19.8	19.0		15.7		18.3
2000	18.0	17.8	19.1	19.6	19.6	18.7		15.6		18.6
2001	18.7	15.2	19.0	20.0	19.6	18.4		16.7		18.0
2002	18.2	17.9	19.3	19.9	19.7	18.4	16.2	16.8		18.7
2003	18.8	18.1	19.7	19.9	19.7		16.2	16.7		19.0
2004	18.6	17.6	19.8	20.5	19.6	19.9	17.3			19.2
2005	18.2	18.8	19.6	19.9	21.0	19.9	17.3			19.3
2006	18.4	18.5	19.8	20.0	21.0	20.1	19.2			19.6
2007	18.4	19.7	19.8	20.6	20.0	19.7	19.2			19.8

Table L-5 MY1975 to MY2007 SUVs Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	10.0	9.0	12.5	10.2						11.0
1976	11.1	11.6	12.7	9.3						11.7
1977	12.5	12.3	13.5	11.6						12.8
1978	11.9	11.2	13.3	10.9						12.3
1979	9.5	9.3	13.1	11.7					11.4	10.6
1980	12.4	11.8	14.3	11.7					15.7	13.2
1981	13.7	12.8	15.7	12.2					21.4	14.3
1982	16.4	12.5	15.8	12.1					21.1	15.0
1983	17.7	13.0	15.6	12.0					20.4	16.2
1984	17.5	15.6	15.5	14.7					21.3	16.4
1985	17.7	16.0	15.6	18.0					21.8	16.9
1986	16.8	16.8	16.4	19.8					26.2	17.2
1987	16.9	17.3	16.8	19.1		15.7			25.5	17.5
1988	16.8	16.9	16.3	17.0		15.6			26.2	17.2
1989	17.2	16.1	16.2	16.5		15.9			22.1	16.8
1990	16.7	15.7	16.7	16.3		16.3			20.4	16.6
1991	17.5	16.8	16.3	15.4		16.3			18.6	17.0
1992	16.6	16.7	16.6	14.2		16.3			18.0	16.6
1993	16.8	16.8	16.3	14.4		16.1			17.9	16.5
1994	16.6	16.6	16.0	14.4	16.6	15.4			20.6	16.4
1995	16.4	16.1	16.0	15.3		15.7	20.0		18.5	16.2
1996	16.7	16.2	16.0	18.5	16.0	16.3	19.1		19.9	16.5
1997	16.2	15.4	16.4	18.6	20.0	16.1	19.3		19.4	16.5
1998	17.0	15.4	15.8	18.6	20.5	15.9	19.7		20.5	16.5
1999	16.5	15.4	15.7	18.3	20.6	15.9	19.7		19.5	16.4
2000	16.2	15.4	15.8	18.0	20.8	15.9	18.8		18.4	16.3
2001	15.9	17.3	15.8	18.1	20.2	16.0	19.2		18.4	16.9
2002	16.2	16.3	15.8	18.1	21.0	16.0	19.3		18.8	16.7
2003	16.0	15.9	16.5	17.9	20.0	17.5	18.2	14.7	18.8	16.8
2004	16.2	15.9	16.4	18.3	19.7	16.4	18.3	15.2	18.8	16.9
2005	16.7	17.1	16.0	18.6	19.5	17.2	18.8	15.5	19.0	17.3
2006	17.4	17.1	16.4	19.6	19.8	17.2	18.9	15.6	19.2	17.8
2007	17.5	17.4	17.0	19.8	20.3	17.4	19.7	15.9	19.7	18.1

Table L-6 MY1975 to MY2007 Pickups Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.2	10.7	11.1	18.2		20.1				11.9
1976	12.4	11.8	11.9	18.9		20.9				12.4
1977	12.9	13.6	12.3	23.1		21.3				13.6
1978	12.5	13.6	12.3	20.9		21.7			23.2	13.3
1979	12.9	12.7	12.7	16.6		19.7			23.4	13.2
1980	15.7	15.4	16.8	18.3		21.3		26.7	21.5	16.5
1981	17.0	16.7	16.9	22.5		23.6		31.4	24.1	17.9
1982	18.6	16.0	18.1	21.8		23.6		33.3	25.3	18.5
1983	18.2	17.9	19.9	21.7		23.3		27.9	24.8	18.9
1984	17.6	17.8	16.5	21.4		22.3			23.5	18.3
1985	17.4	17.3	15.8	23.0		21.8			24.3	18.2
1986	17.7	18.4	17.1	22.4		20.9			24.1	18.9
1987	18.1	18.6	17.9	22.4		21.2			23.5	19.0
1988	17.2	18.2	17.5	21.1		20.8			23.6	18.1
1989	17.3	17.7	16.8	19.6		20.8			22.8	17.8
1990	16.1	17.8	16.1	19.3		22.6			19.8	17.4
1991	17.9	17.9	15.8	19.7		22.4			19.6	18.2
1992	17.0	17.4	16.1	19.6		22.2			20.4	17.5
1993	16.8	17.7	15.8	19.6		21.8			20.3	17.6
1994	16.6	18.0	15.6	20.0		21.0			20.8	17.4
1995	16.7	17.0	14.7	19.1		20.4			21.3	16.9
1996	17.6	17.6	14.4	19.2		20.5			20.5	17.1
1997	16.9	17.4	14.7	16.6		20.2				16.8
1998	17.3	17.2	14.9	19.2		20.6				17.0
1999	16.2	16.7	14.6	18.7		18.8				16.3
2000	16.9	16.8	15.1	16.7		17.6				16.6
2001	16.5	16.1	14.3	17.0		17.9				15.9
2002	15.4	16.3	14.6	16.7		17.6				15.7
2003	16.2	16.2	14.7	16.8		17.9			21.0	16.1
2004	16.1	15.6	14.5	16.5		18.5			20.3	15.7
2005	16.4	15.4	14.7	17.2		15.7			20.5	15.8
2006	16.6	15.4	15.6	17.2	17.2	15.9			18.1	16.2
2007	16.6	15.5	15.5	17.3	17.2	15.8			16.2	16.2

Table L-7 MY1975 to MY2007 Trucks Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.0	10.7	11.2	16.1		20.1		17.6		11.6
1976	12.2	11.7	12.2	16.0		20.9		17.0		12.2
1977	12.8	13.5	12.3	19.5		21.3		18.9		13.3
1978	12.3	13.2	12.3	18.1		21.7		17.0	23.2	12.9
1979	12.3	12.0	12.5	16.4		19.7		16.0	16.8	12.5
1980	15.2	14.9	15.4	18.2		21.3		21.5	18.5	15.8
1981	16.5	16.0	16.0	22.3		23.6		25.1	24.0	17.1
1982	17.9	15.2	16.6	21.4		23.6		23.6	24.0	17.4
1983	17.6	16.8	17.6	21.2		23.3		17.3	23.4	17.8
1984	17.2	16.9	16.5	21.2		22.3		17.6	22.9	17.4
1985	17.2	16.4	16.7	22.5		21.8		18.1	23.6	17.5
1986	17.1	17.8	17.6	22.1		20.9		16.2	24.9	18.2
1987	17.4	17.9	18.0	21.8		19.9		15.9	24.3	18.3
1988	17.1	17.6	18.0	20.5		19.1		16.7	24.8	17.9
1989	17.2	17.2	17.7	19.4		19.9		17.4	22.2	17.6
1990	16.6	17.2	18.0	18.2		21.1		17.2	20.1	17.4
1991	17.7	17.3	17.6	18.6		20.6		17.3	18.9	17.8
1992	17.0	17.0	17.8	18.1		19.9			19.5	17.4
1993	16.9	17.4	17.7	18.3		19.6		17.4	18.6	17.5
1994	16.8	17.4	17.0	18.1	16.6	18.9		16.6	20.7	17.2
1995	16.7	17.1	16.6	17.4	20.9	18.4	20.0	16.1	18.8	17.0
1996	17.2	17.2	16.7	18.9	18.5	18.7	19.1		20.0	17.2
1997	16.8	16.6	16.7	18.4	20.0	18.2	19.3	15.3	19.4	17.0
1998	17.4	16.7	16.5	19.0	20.6	18.2	19.7		20.5	17.1
1999	16.6	16.3	16.3	18.6	20.4	17.3	19.7	15.7	19.5	16.7
2000	16.9	16.4	16.7	17.8	20.2	16.9	18.8	15.6	18.4	16.9
2001	16.5	16.4	16.0	17.9	20.0	16.7	19.2	16.7	18.4	16.7
2002	16.1	16.5	16.2	17.8	20.4	16.6	18.3	16.8	18.8	16.7
2003	16.4	16.2	16.8	17.6	19.9	17.6	17.6	16.2	18.9	16.9
2004	16.3	15.9	16.0	18.2	19.7	17.1	18.1	15.2	18.8	16.7
2005	16.7	16.5	16.8	18.4	19.9	16.9	18.4	15.5	19.1	17.2
2006	17.1	16.5	17.1	18.8	19.8	16.9	18.9	15.6	19.1	17.6
2007	17.2	16.6	17.3	19.1	20.0	17.0	19.5	15.9	19.7	17.7



Table L-8 MY1975 to MY2007 All Adjusted Composite Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	12.7	11.7	12.8	18.4	26.7	21.1		22.6	19.2	13.1
1976	13.7	13.5	13.7	20.5	27.8	22.4		23.4	20.0	14.2
1977	14.6	14.1	13.7	23.6	30.2	22.7		24.6	21.5	15.1
1978	15.2	15.2	14.9	21.9	28.6	22.6		23.1	21.2	15.8
1979	15.3	15.0	15.9	19.5	24.7	22.3		23.9	20.6	15.9
1980	18.1	18.0	18.3	22.1	24.8	25.4		26.0	22.9	19.2
1981	19.3	18.9	20.9	25.4	26.2	25.5		28.6	24.7	20.5
1982	20.1	19.4	21.0	24.8	28.4	25.5		27.4	25.2	21.1
1983	19.6	19.2	22.0	26.0	30.0	27.0		24.5	24.8	21.0
1984	20.0	19.9	21.1	25.2	29.9	26.0		23.6	24.4	21.0
1985	20.5	20.3	20.7	25.6	28.8	24.1		24.5	24.4	21.3
1986	21.4	20.7	20.9	24.9	28.5	23.3	29.5	24.2	24.6	21.8
1987	21.5	20.7	20.7	25.3	27.7	23.5	29.0	23.5	23.9	22.0
1988	21.3	20.8	20.7	24.9	26.7	23.6	28.7	24.8	24.2	21.9
1989	20.9	20.6	20.1	24.2	26.2	23.8	27.7	24.6	23.4	21.4
1990	20.6	20.2	20.0	23.2	25.4	23.0	27.6	23.4	22.9	21.2
1991	20.8	20.5	20.0	22.9	25.2	23.0	27.2	23.9	22.1	21.2
1992	20.3	19.9	19.6	22.2	25.7	23.5	25.8	23.9	22.2	20.8
1993	20.3	20.6	19.6	22.1	26.5	22.5	25.6	21.3	22.7	20.9
1994	20.0	20.0	18.4	21.7	25.9	22.5	26.9	23.0	22.8	20.4
1995	19.8	20.2	19.0	22.2	26.5	21.5	24.9	23.1	22.5	20.5
1996	20.4	19.5	18.4	22.4	25.4	22.7	25.3	22.9	24.6	20.4
1997	20.1	19.0	18.4	22.1	25.2	21.7	24.2	23.0	22.7	20.1
1998	20.1	18.9	18.2	22.3	25.0	22.1	23.9	23.3	22.4	20.1
1999	19.5	18.8	17.8	22.0	23.9	21.6	23.8	22.7	21.8	19.7
2000	19.5	18.8	18.3	21.2	23.8	19.7	23.2	22.8	21.2	19.8
2001	19.4	18.5	17.7	21.3	24.0	19.4	23.4	22.4	20.7	19.6
2002	18.8	18.4	17.7	20.9	23.9	20.1	22.3	23.0	21.3	19.4
2003	18.7	18.1	18.0	21.6	23.3	20.4	21.7	23.2	21.1	19.6
2004	18.9	17.5	17.8	21.2	23.1	19.4	21.3	21.0	20.8	19.3
2005	19.2	18.5	18.3	22.7	23.1	20.1	21.2	21.2	20.9	19.9
2006	19.7	18.8	18.3	22.4	23.0	20.0	22.3	22.9	21.0	20.2
2007	19.4	18.7	18.3	22.8	22.9	20.6	22.7	21.4	21.4	20.2

Table L-9 MY1975 to MY2007 Cars Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	15.1	14.2	15.5	21.2	31.4	25.2		26.4	22.4	15.8
1976	16.7	16.9	16.6	25.0	32.9	26.8		27.5	23.2	17.5
1977	17.8	16.9	16.5	28.8	36.2	27.2		28.8	24.5	18.4
1978	19.1	18.9	19.2	27.0	34.0	27.0		27.2	24.5	20.0
1979	19.3	19.4	21.1	23.9	29.0	26.6		28.6	24.9	20.3
1980	22.0	22.7	22.9	27.4	28.9	31.1		30.8	27.9	23.5
1981	23.3	23.7	26.2	31.1	30.6	30.4		34.1	28.9	25.1
1982	24.4	24.9	26.9	30.5	33.2	30.5		32.9	29.4	26.1
1983	23.6	24.1	28.2	31.7	35.2	32.5		30.0	28.9	25.7
1984	24.4	25.5	28.2	32.8	35.1	31.6		28.5	28.7	26.3
1985	25.6	26.1	27.8	32.1	33.7	29.4		29.6	28.7	26.9
1986	27.1	26.7	27.9	32.3	33.5	30.2	34.9	29.1	28.9	28.0
1987	27.3	26.7	27.2	33.0	32.8	29.4	34.5	28.4	28.3	28.2
1988	28.2	27.1	27.8	32.7	31.8	30.7	34.3	29.6	28.4	28.6
1989	27.5	27.1	27.4	31.9	31.2	30.2	33.1	29.6	28.2	28.2
1990	27.3	26.7	26.8	30.4	30.3	28.3	33.1	28.4	28.2	27.8
1991	27.2	27.4	26.9	30.6	30.4	29.0	32.7	29.1	27.9	28.0
1992	26.7	27.0	27.0	28.9	31.0	29.9	31.2	28.8	27.5	27.6
1993	27.3	27.7	27.4	28.9	32.2	29.1	31.1	26.7	28.9	28.1
1994	27.5	27.1	26.0	29.0	32.1	29.8	32.7	27.9	28.3	28.0
1995	27.3	27.6	27.8	30.0	32.9	29.2	30.9	28.3	28.2	28.3
1996	27.8	26.6	27.1	29.5	31.9	30.2	31.8	27.9	31.8	28.3
1997	28.1	27.0	26.9	29.8	32.2	29.6	31.0	28.3	28.4	28.4
1998	27.5	27.5	28.1	30.2	32.0	30.2	30.7	28.5	27.9	28.5
1999	27.4	27.4	26.9	30.4	30.9	29.6	30.6	28.0	27.9	28.2
2000	27.6	27.1	27.2	30.5	31.0	28.0	30.0	28.5	27.1	28.2
2001	28.1	26.9	27.1	31.3	32.2	28.3	30.7	28.2	26.6	28.5
2002	28.5	27.2	26.8	30.7	32.0	28.9	30.3	28.8	27.3	28.8
2003	28.4	26.8	26.8	32.2	32.7	27.9	30.1	29.2	27.6	28.9
2004	28.9	26.2	27.7	32.4	32.7	28.2	29.1	28.4	27.1	29.0
2005	28.8	27.4	27.4	34.5	32.9	29.4	29.9	28.3	27.3	29.7
2006	28.4	27.0	25.3	34.2	33.5	29.1	30.6	29.6	27.3	29.3
2007	27.8	27.2	25.2	34.3	33.1	31.2	32.4	28.2	27.4	29.3

Table L-10 MY1975 to MY2007 Wagons Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	14.6	14.1	15.9	22.8		20.9		27.2	23.7	16.1
1976	15.6	16.5	17.0	24.6	29.4	27.4		27.9	25.7	17.3
1977	16.9	16.4	16.6	27.8	31.9	27.1		28.7	28.5	18.0
1978	17.9	18.6	17.7	25.5	31.5	25.5		25.7	24.9	19.2
1979	17.8	19.9	18.4	24.9	29.9	27.9		25.0	27.8	19.7
1980	20.2	23.0	19.5	27.4	32.5	32.2		40.1	26.7	23.6
1981	21.1	25.4	25.1	29.1	33.7	31.4		40.6	29.5	25.6
1982	21.7	25.4	27.3	29.3	36.7	32.0		29.8	30.5	25.3
1983	22.8	25.8	27.4	34.8	36.7	34.6		30.6	30.1	27.2
1984	24.2	26.1	28.1	33.9	36.1	35.1		24.8	29.4	26.4
1985	24.4	26.8	27.0	35.1	34.8	30.0		25.9	29.2	27.5
1986	25.4	27.3	26.7	32.1	34.6	28.2		22.8	29.0	27.1
1987	25.7	26.7	26.8	32.6	34.2	27.8		26.7	28.0	27.2
1988	26.5	26.5	28.6	31.5	34.2	28.0		31.0	29.3	27.6
1989	26.0	25.8	28.8	30.6	34.7	32.3		29.3	28.9	26.9
1990	26.3	25.3	24.8	29.9	35.2	33.5		28.3	27.3	26.7
1991	25.5	28.6	21.2	30.8	28.7			26.9	27.4	28.0
1992	25.1	28.3	21.3	28.9	27.1			26.7	28.0	27.5
1993	26.7	31.0	26.8	29.7	27.6			23.7	27.8	29.6
1994	27.2	30.8	24.7	29.5	29.0			23.6	26.7	29.4
1995	27.6	30.8	25.6	30.8	29.0			23.7	27.7	29.6
1996	28.0	27.5		30.6	28.5		30.2	27.6	27.2	27.7
1997	33.5	29.2			27.2		30.4	24.6	27.8	28.9
1998	33.9	27.5	27.2				29.5	25.9	28.0	28.3
1999	32.4	27.2	26.7				28.9	26.5	27.6	27.7
2000	28.8	27.6	26.7				28.9	25.0	28.0	27.7
2001	28.9	26.9	27.0					24.2	27.7	26.9
2002	27.8	27.8	25.4					27.7	27.5	26.7
2003	34.0	27.9	25.6	35.2				28.4	27.7	29.1
2004	34.6	26.3	24.5	36.1				27.6	27.7	27.8
2005	33.7	27.9	24.1	37.0				29.2	27.8	28.0
2006	31.5	30.3	24.7	36.5				29.6	28.0	28.7
2007	31.5	28.4	24.6	36.4	40.0		27.6	29.0	28.3	30.4

Table L-11 MY1975 to MY2007 Cars and Wagons Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	15.1	14.2	15.5	22.0	31.4	25.0		26.5	22.5	15.8
1976	16.6	16.8	16.7	25.0	32.6	26.9		27.5	23.5	17.5
1977	17.7	16.8	16.5	28.7	35.5	27.2		28.8	25.2	18.3
1978	19.0	18.9	18.9	26.8	33.7	26.8		27.2	24.6	19.9
1979	19.1	19.5	20.8	24.0	29.0	26.8		28.6	25.5	20.3
1980	21.9	22.7	22.6	27.4	29.2	31.2		31.2	27.7	23.5
1981	23.2	23.9	26.0	30.9	30.8	30.5		34.2	29.1	25.1
1982	24.2	24.9	26.9	30.4	33.4	30.7		32.8	29.7	26.0
1983	23.5	24.3	28.1	32.6	35.3	32.7		30.1	29.3	25.9
1984	24.4	25.6	28.2	32.9	35.2	31.9		28.4	28.9	26.3
1985	25.5	26.2	27.7	32.8	33.8	29.5		29.5	28.8	27.0
1986	27.0	26.8	27.9	32.3	33.6	29.9	34.9	29.0	28.9	27.9
1987	27.2	26.7	27.1	32.9	32.8	29.3	34.5	28.4	28.2	28.1
1988	28.1	27.0	27.8	32.7	31.8	30.6	34.3	29.7	28.6	28.6
1989	27.4	27.0	27.4	31.8	31.3	30.2	33.1	29.6	28.2	28.1
1990	27.3	26.6	26.8	30.4	30.4	28.4	33.1	28.4	28.1	27.8
1991	27.1	27.5	26.9	30.6	30.3	29.0	32.7	29.1	27.8	28.0
1992	26.6	27.1	27.0	28.9	30.9	29.9	31.2	28.7	27.6	27.6
1993	27.3	28.0	27.4	29.0	32.2	29.1	31.1	26.6	28.7	28.2
1994	27.5	27.4	26.0	29.1	32.1	29.8	32.7	27.8	28.1	28.0
1995	27.3	27.9	27.8	30.0	32.8	29.2	30.9	28.2	28.1	28.3
1996	27.8	26.7	27.1	29.5	31.8	30.2	31.7	27.9	30.8	28.3
1997	28.1	27.2	26.9	29.8	32.1	29.6	30.9	28.2	28.3	28.4
1998	27.6	27.5	28.1	30.2	32.0	30.2	30.6	28.4	27.9	28.5
1999	27.4	27.4	26.9	30.4	30.9	29.6	30.5	27.9	27.8	28.2
2000	27.6	27.1	27.2	30.5	31.0	28.0	29.9	28.2	27.3	28.2
2001	28.1	26.9	27.1	31.3	32.2	28.3	30.7	27.8	26.8	28.4
2002	28.5	27.2	26.5	30.7	32.0	28.9	30.3	28.7	27.3	28.6
2003	28.6	26.9	26.5	32.4	32.7	27.9	30.1	29.1	27.6	28.9
2004	29.1	26.2	26.9	32.7	32.7	28.2	29.1	28.3	27.2	28.9
2005	29.0	27.4	26.3	34.7	32.9	29.4	29.9	28.4	27.5	29.5
2006	28.7	27.4	25.1	34.5	33.5	29.1	30.6	29.6	27.4	29.2
2007	28.1	27.2	25.1	34.8	33.4	31.2	32.3	28.3	27.6	29.4

Table L-12 MY1975 to MY2007 Vans Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	14.4	12.6	12.6	20.5				20.7		13.1
1976	14.0	13.4	14.2					19.9		13.9
1977	15.0	15.5	13.8					22.2		14.7
1978	14.1	15.0	13.4					20.0		14.2
1979	14.7	12.1	13.8					18.7		13.5
1980	16.7	16.2	16.6					19.0		16.6
1981	18.0	16.8	17.4					18.5		17.5
1982	17.9	16.2	17.7					21.7		17.3
1983	18.9	16.3	18.0					19.3	20.2	17.7
1984	18.2	16.6	20.2	27.0				20.7	27.9	18.9
1985	18.7	16.2	21.0	26.6				21.3	24.2	19.5
1986	19.4	19.7	22.0	26.3				19.2	21.5	20.6
1987	19.8	19.6	22.3	25.5		22.4		18.9	23.1	20.9
1988	20.2	19.4	23.0	25.8		22.3		19.9	22.7	21.2
1989	20.2	20.0	22.6	25.9		22.2		20.8	23.3	21.1
1990	20.7	19.5	23.0			25.4		20.8	22.9	21.2
1991	20.8	19.9	22.8	22.9		26.0		20.9	26.3	21.4
1992	20.8	19.9	22.7	22.3		25.6			27.0	21.5
1993	20.7	20.9	23.6	21.9		21.8		21.0	28.9	21.9
1994	21.0	20.0	22.4	22.0		22.7		20.1	26.4	21.5
1995	20.6	21.6	23.0	22.6	25.5	23.0		19.6		21.8
1996	21.5	21.4	22.8	22.4	28.5	22.9			26.1	22.2
1997	21.9	20.7	22.7	22.3	24.9	22.6		18.5		22.1
1998	22.2	22.3	23.3	24.2	27.0	22.7				22.7
1999	22.0	20.9	23.0	24.1	24.1	23.1		19.1		22.3
2000	22.1	21.8	23.4	24.1	23.9	22.8		19.0		22.8
2001	22.9	18.5	23.4	24.7	24.0	22.6		20.7		22.1
2002	22.3	22.1	23.8	24.7	24.2	22.6	20.0	20.9		23.0
2003	23.2	22.4	24.5	24.7	24.2		20.0	20.9		23.5
2004	23.1	21.8	24.5	25.4	24.2	24.6	21.1			23.7
2005	22.6	23.5	24.3	24.7	26.0	24.7	21.3			24.0
2006	22.9	23.1	24.5	24.8	26.1	24.9	23.8			24.4
2007	22.9	24.6	24.6	25.9	24.7	24.4	23.8			24.6

Table L-13 MY1975 to MY2007 SUVs Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	11.8	10.6	14.6	12.0						13.0
1976	13.1	13.7	15.0	10.9						13.8
1977	14.7	14.5	15.8	13.6						15.1
1978	14.0	13.2	15.6	12.7						14.4
1979	11.3	11.0	15.4	13.8					13.4	12.6
1980	14.5	14.0	16.8	13.8					18.5	15.5
1981	16.2	15.1	18.4	14.3					25.2	16.8
1982	19.3	14.8	18.5	14.2					25.0	17.6
1983	20.7	15.3	18.4	14.1					24.0	19.1
1984	20.5	18.3	18.3	17.3					25.2	19.3
1985	20.7	18.8	18.3	21.1					25.8	19.8
1986	19.7	19.8	19.3	23.3					31.0	20.2
1987	19.9	20.4	19.9	22.7		18.7			30.3	20.6
1988	19.9	20.1	19.3	20.3		18.5			31.4	20.4
1989	20.4	19.2	19.3	19.7		19.0			26.6	20.0
1990	19.9	18.6	19.9	19.5		19.5			24.5	19.8
1991	21.0	20.1	19.5	18.5		19.5			22.6	20.3
1992	19.9	20.0	19.9	17.0		19.6			21.9	19.9
1993	20.1	20.1	19.5	17.4		19.4			21.9	19.9
1994	20.0	20.0	19.3	17.4	20.2	18.6			25.2	19.7
1995	19.8	19.4	19.3	18.5		19.1	24.3		22.6	19.6
1996	20.2	19.5	19.3	22.7	19.4	19.8	23.4		24.5	20.0
1997	19.7	18.7	19.9	22.9	24.7	19.6	23.7		23.9	20.1
1998	20.7	18.7	19.2	22.9	25.4	19.5	24.4		25.4	20.1
1999	20.2	18.7	19.2	22.7	25.7	19.5	24.4		24.2	20.1
2000	19.9	18.8	19.3	22.4	26.0	19.6	23.5		22.9	20.1
2001	19.7	21.2	19.3	22.5	25.3	19.8	23.8		22.9	20.8
2002	19.9	20.1	19.5	22.6	26.3	19.9	24.0		23.5	20.6
2003	19.7	19.5	20.6	22.4	25.0	21.8	22.6	18.0	23.5	20.8
2004	20.0	19.6	20.3	22.9	24.7	20.3	22.9	18.7	23.5	20.9
2005	20.7	21.3	19.9	23.4	24.5	21.3	23.4	19.1	23.7	21.6
2006	21.5	21.3	20.4	24.9	24.9	21.4	23.6	19.3	24.0	22.3
2007	21.6	21.5	21.2	25.2	25.5	21.7	24.7	19.7	24.7	22.6

Table L-14 MY1975 to MY2007 Pickups Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	14.3	12.6	13.0	21.3		23.6				14.0
1976	14.6	13.9	14.0	22.1		24.5				14.6
1977	15.2	16.0	14.5	27.2		25.0				16.0
1978	14.7	15.9	14.5	24.6		25.6			27.2	15.7
1979	15.2	14.8	15.0	19.5		23.2			27.5	15.5
1980	18.5	18.2	19.8	21.5		25.1		31.3	25.2	19.4
1981	20.0	19.6	19.9	26.5		27.7		36.9	28.4	21.0
1982	21.9	18.9	21.2	25.6		27.8		39.2	29.7	21.7
1983	21.3	21.1	23.4	25.5		27.4		32.8	29.2	22.2
1984	20.7	21.0	19.4	25.1		26.2			27.7	21.5
1985	20.4	20.3	18.6	27.0		25.7			28.6	21.4
1986	20.8	21.7	20.2	26.4		24.7			28.5	22.2
1987	21.3	22.1	21.2	26.6		25.1			27.8	22.5
1988	20.4	21.6	20.8	25.1		24.7			28.1	21.5
1989	20.5	21.1	19.9	23.5		24.8			27.2	21.2
1990	19.2	21.3	19.1	23.1		27.1			23.8	20.7
1991	21.4	21.4	18.8	23.8		26.9			23.5	21.7
1992	20.3	20.8	19.2	23.7		26.7			24.6	20.9
1993	20.2	21.3	18.9	23.8		26.4			24.5	21.1
1994	20.0	21.7	18.8	24.3		25.6			25.2	21.0
1995	20.2	20.5	17.8	23.3		24.9			26.0	20.4
1996	21.3	21.4	17.4	23.6		25.2			25.1	20.8
1997	20.5	21.2	17.7	20.4		24.9				20.4
1998	21.1	21.0	18.0	23.7		25.5				20.7
1999	19.8	20.5	17.7	23.2		23.3				19.9
2000	20.8	20.6	18.4	20.8		21.8				20.5
2001	20.4	19.9	17.3	21.2		22.2				19.6
2002	19.1	20.1	17.9	20.9		22.0				19.5
2003	20.1	20.1	18.2	21.0		22.4			26.3	19.9
2004	20.0	19.4	17.9	20.6		23.2			25.4	19.6
2005	20.4	19.2	18.2	21.6		19.4			25.8	19.7
2006	20.7	19.1	19.2	21.7	21.4	19.8			22.6	20.2
2007	20.6	19.3	19.2	21.7	21.4	19.6			20.1	20.1

Table L-15 MY1975 to MY2007 Trucks Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	14.1	12.6	13.2	18.9		23.6		20.7		13.7
1976	14.3	13.8	14.3	18.8		24.5		19.9		14.4
1977	15.1	15.8	14.5	22.9		25.0		22.2		15.6
1978	14.5	15.6	14.4	21.3		25.6		20.0	27.2	15.2
1979	14.5	14.0	14.7	19.2		23.2		18.7	19.8	14.7
1980	17.9	17.5	18.2	21.4		25.1		25.2	21.8	18.6
1981	19.4	18.9	18.8	26.2		27.7		29.5	28.2	20.1
1982	21.0	17.9	19.5	25.2		27.8		27.8	28.2	20.5
1983	20.7	19.7	20.7	25.0		27.4		20.3	27.6	20.9
1984	20.2	19.8	19.4	24.9		26.2		20.7	27.0	20.5
1985	20.2	19.3	19.6	26.5		25.7		21.3	27.8	20.6
1986	20.2	21.0	20.7	26.1		24.7		19.2	29.5	21.4
1987	20.5	21.2	21.3	25.9		23.5		18.9	28.8	21.6
1988	20.2	20.9	21.4	24.4		22.7		19.9	29.6	21.2
1989	20.4	20.5	21.0	23.2		23.7		20.8	26.6	20.9
1990	19.7	20.4	21.4	21.8		25.3		20.8	24.1	20.7
1991	21.2	20.7	21.1	22.4		24.8		20.9	22.9	21.3
1992	20.3	20.4	21.3	21.9		24.0			23.6	20.8
1993	20.3	20.9	21.2	22.1		23.7		21.0	22.6	21.0
1994	20.2	20.9	20.5	22.0	20.2	22.9		20.1	25.3	20.8
1995	20.1	20.7	20.1	21.2	25.5	22.4	24.3	19.6	23.0	20.5
1996	20.8	20.8	20.2	23.1	22.5	22.9	23.4		24.5	20.8
1997	20.4	20.2	20.2	22.6	24.7	22.3	23.7	18.5	23.9	20.6
1998	21.2	20.3	20.0	23.4	25.5	22.3	24.4		25.4	20.9
1999	20.3	19.9	19.9	23.0	25.2	21.2	24.4	19.1	24.2	20.5
2000	20.7	20.1	20.4	22.0	25.0	20.8	23.5	19.0	22.9	20.8
2001	20.4	20.2	19.5	22.3	24.7	20.7	23.8	20.7	22.9	20.6
2002	19.8	20.3	20.0	22.2	25.3	20.7	22.8	20.9	23.5	20.6
2003	20.2	20.1	20.8	22.0	24.8	21.9	21.9	20.2	23.6	20.9
2004	20.2	19.7	19.8	22.7	24.6	21.2	22.5	18.7	23.5	20.8
2005	20.8	20.6	20.9	23.1	24.9	20.9	22.8	19.1	23.8	21.4
2006	21.3	20.5	21.3	23.7	24.8	21.0	23.6	19.3	23.9	21.9
2007	21.3	20.6	21.5	24.1	25.0	21.2	24.5	19.7	24.7	22.1



Table L-16 MY1975 to MY2007 All Laboratory 55/45 Fuel Economy by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	14.9	13.8	15.0	21.6	31.4	24.7		26.5	22.5	15.3
1976	16.1	15.9	16.1	24.0	32.6	26.3		27.4	23.5	16.7
1977	17.2	16.5	16.1	27.7	35.5	26.7		28.8	25.2	17.7
1978	17.9	17.8	17.5	25.7	33.7	26.5		27.1	24.8	18.6
1979	18.0	17.6	18.6	22.9	29.0	26.2		28.0	24.1	18.7
1980	21.3	21.1	21.5	25.9	29.2	29.8		30.5	26.9	22.5
1981	22.6	22.2	24.5	29.9	30.8	30.0		33.5	29.0	24.1
1982	23.5	22.7	24.6	29.1	33.4	30.0		32.2	29.7	24.7
1983	22.9	22.5	25.8	30.5	35.3	31.7		28.7	29.1	24.6
1984	23.5	23.4	24.8	29.7	35.2	30.5		27.7	28.7	24.6
1985	24.0	23.8	24.4	30.0	33.8	28.4		28.8	28.7	25.0
1986	25.2	24.4	24.6	29.4	33.6	27.5	34.9	28.5	29.0	25.7
1987	25.3	24.4	24.5	30.0	32.8	27.8	34.5	27.8	28.3	25.9
1988	25.2	24.7	24.5	29.6	31.8	28.1	34.3	29.5	28.9	25.9
1989	24.8	24.5	23.9	28.9	31.3	28.4	33.1	29.3	27.9	25.4
1990	24.5	24.1	23.8	27.8	30.4	27.5	33.1	28.0	27.4	25.2
1991	24.8	24.5	24.0	27.5	30.3	27.6	32.7	28.6	26.5	25.4
1992	24.2	23.9	23.6	26.8	30.9	28.2	31.2	28.7	26.7	24.9
1993	24.3	24.8	23.5	26.7	32.2	27.1	31.1	25.6	27.5	25.1
1994	24.1	24.1	22.2	26.4	31.5	27.3	32.7	27.8	27.6	24.6
1995	23.9	24.3	23.0	27.0	32.4	26.1	30.4	28.0	27.3	24.7
1996	24.7	23.6	22.2	27.4	31.1	27.7	30.9	27.9	30.1	24.8
1997	24.4	23.1	22.3	27.1	31.0	26.6	29.7	28.0	27.7	24.5
1998	24.5	23.0	22.1	27.4	30.9	27.1	29.4	28.4	27.4	24.5
1999	23.8	22.9	21.7	27.1	29.6	26.5	29.3	27.8	26.9	24.1
2000	24.0	23.0	22.4	26.2	29.4	24.3	28.7	28.1	26.2	24.3
2001	23.9	22.7	21.8	26.5	29.9	24.1	29.0	27.7	25.6	24.2
2002	23.2	22.7	21.9	26.0	29.8	25.0	27.8	28.5	26.5	24.1
2003	23.2	22.4	22.4	27.1	29.1	25.4	27.0	28.9	26.4	24.3
2004	23.4	21.7	22.1	26.6	28.9	24.1	26.5	26.1	25.9	24.0
2005	23.9	23.1	22.7	28.8	29.1	25.1	26.6	26.5	26.2	24.8
2006	24.5	23.5	22.7	28.4	28.9	25.0	28.0	28.6	26.3	25.3
2007	24.0	23.3	22.7	29.0	28.7	25.8	28.6	26.7	26.7	25.3

Table L-17 MY1975 to MY2007 Cars Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4486	4087	4134	2746	2000	2589		2353	2680	4071
1976	4375	4147	4033	2742	2001	2547		2336	2692	4044
1977	4158	4248	4124	2623	2058	2537		2348	2596	3936
1978	3758	3818	3664	2611	2113	2510		2406	2550	3572
1979	3726	3553	3416	2708	2313	2502		2388	2665	3468
1980	3355	3110	3084	2622	2337	2469		2379	2567	3092
1981	3417	3030	2875	2555	2351	2535		2400	2629	3079
1982	3327	3005	3021	2576	2363	2575		2470	2628	3039
1983	3425	3151	2925	2744	2389	2523		2521	2713	3121
1984	3326	3146	2859	2712	2387	2653		2621	2753	3091
1985	3299	3150	2927	2778	2440	2749		2674	2821	3091
1986	3144	3171	2930	2769	2576	2777	2500	2681	2744	3026
1987	3162	3177	2948	2822	2639	2875	2500	2726	2772	3013
1988	3137	3211	3003	2778	2772	2776	2500	2701	2775	3035
1989	3173	3249	3124	2829	2805	2837	2580	2744	2868	3088
1990	3244	3334	3255	2959	2889	3026	2636	2912	2957	3167
1991	3236	3245	3243	2920	2899	3081	2628	2921	3020	3147
1992	3301	3380	3246	3096	3004	3026	2768	2960	3166	3234
1993	3265	3290	3248	3144	2969	3097	2786	3101	3060	3210
1994	3276	3382	3414	3144	3047	3035	2672	3088	3178	3251
1995	3339	3367	3286	3175	2986	3143	2805	3107	3222	3266
1996	3337	3441	3381	3204	3041	3121	2710	3135	2832	3276
1997	3308	3400	3431	3232	3013	3122	2791	3128	3225	3274
1998	3369	3338	3320	3313	3173	3283	2798	3185	3247	3304
1999	3409	3371	3577	3304	3220	3341	2883	3227	3313	3361
2000	3441	3433	3484	3260	3195	3381	2942	3227	3400	3366
2001	3445	3454	3543	3242	3189	3305	2965	3276	3488	3366
2002	3406	3447	3559	3352	3218	3368	3066	3366	3475	3379
2003	3490	3584	3624	3217	3283	3430	3114	3401	3461	3421
2004	3428	3651	3538	3330	3295	3528	3251	3498	3483	3444
2005	3482	3601	3594	3263	3308	3521	3198	3582	3448	3444
2006	3553	3655	3966	3288	3335	3525	3394	3621	3490	3524
2007	3648	3644	4080	3506	3356	3514	3327	3675	3637	3605

Table L-18 MY1975 to MY2007 Wagons Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4594	4201	4250	2693		3000		2500	2689	3957
1976	4723	4469	4129	2703	2250	2693		2500	2626	4182
1977	4490	4339	4151	2661	2250	2646		2500	2558	4005
1978	4122	3819	4031	2701	2250	2668		2500	2604	3723
1979	4099	3537	3903	2622	2250	2457		2500	2557	3637
1980	4038	3190	3779	2605	2250	2415		2500	2506	3231
1981	4125	2926	2960	2584	2250	2497		2500	2548	3040
1982	3814	3071	2960	2562	2250	2511		2750	2624	3188
1983	3669	3115	2932	2498	2250	2466		2806	2658	3047
1984	3531	3188	2841	2573	2250	2458		3122	2745	3175
1985	3611	3149	3054	2515	2317	2626		3066	2763	3112
1986	3584	3190	3105	2618	2374	2935		3245	2767	3215
1987	3615	3272	3123	2902	2390	2999		2847	2862	3248
1988	3645	3294	2987	2919	2599	2977		2553	2852	3242
1989	3643	3376	2976	2941	2536	2767		2766	2894	3327
1990	3617	3457	3445	2995	2666	2692		3176	3249	3367
1991	3784	3221	4000	2937	3238			3386	3270	3305
1992	3825	3295	4000	3073	3500			3359	3284	3391
1993	3500	3034	3187	3096	3500			3634	3336	3154
1994	3432	3079	4000	3205	3500			3790	3464	3217
1995	3431	3044	4000	3230	3500			3702	3347	3189
1996	3428	3526		3227	3500		3000	3711	3399	3453
1997	2749	3306			3500		3000	3793	3368	3283
1998	2749	3477	4000				3000	3739	3348	3359
1999	2983	3582	4000				3000	3675	3392	3460
2000	3307	3571	4000				3000	3612	3439	3468
2001	3488	3623	3516					3882	3782	3631
2002	3607	3602	3522					3695	3725	3610
2003	3069	3553	3514	3000				3757	3714	3425
2004	3061	3772	4119	2927				3822	3719	3683
2005	3093	3567	4207	2880				3882	3590	3652
2006	3368	3260	4082	2848				3753	3555	3547
2007	3365	3518	4152	3000	2750		3695	3914	3559	3459

Table L-19 MY1975 to MY2007 Cars and Wagons Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4494	4103	4148	2718	2000	2606		2371	2682	4058
1976	4398	4187	4050	2735	2021	2568		2343	2682	4059
1977	4183	4256	4130	2628	2085	2555		2358	2589	3944
1978	3786	3818	3721	2622	2126	2534		2410	2566	3588
1979	3759	3551	3466	2701	2308	2494		2389	2639	3485
1980	3383	3118	3131	2620	2330	2461		2385	2554	3101
1981	3444	3011	2885	2557	2343	2530		2403	2605	3076
1982	3368	3014	3015	2575	2354	2568		2478	2627	3054
1983	3445	3146	2926	2663	2380	2516		2526	2698	3112
1984	3345	3150	2857	2697	2380	2633		2630	2751	3099
1985	3322	3150	2934	2708	2432	2738		2684	2804	3093
1986	3173	3173	2940	2761	2565	2801	2500	2689	2748	3041
1987	3191	3188	2955	2831	2633	2882	2500	2730	2790	3031
1988	3158	3218	3002	2786	2770	2786	2500	2689	2788	3047
1989	3191	3259	3122	2836	2800	2836	2580	2744	2871	3099
1990	3255	3343	3256	2961	2884	3025	2636	2922	3006	3176
1991	3248	3243	3245	2921	2913	3081	2628	2935	3057	3154
1992	3310	3373	3248	3096	3015	3026	2768	2974	3183	3240
1993	3271	3258	3247	3142	2977	3097	2786	3122	3111	3207
1994	3279	3351	3416	3145	3055	3035	2672	3103	3212	3250
1995	3340	3335	3289	3177	2995	3143	2805	3124	3240	3263
1996	3339	3447	3381	3204	3046	3121	2728	3155	2941	3282
1997	3302	3393	3431	3232	3019	3122	2800	3146	3255	3274
1998	3362	3347	3324	3313	3173	3283	2803	3203	3271	3306
1999	3405	3383	3580	3304	3220	3341	2888	3253	3331	3365
2000	3439	3441	3486	3260	3195	3381	2946	3252	3407	3369
2001	3445	3465	3537	3242	3189	3305	2965	3324	3539	3380
2002	3407	3457	3551	3352	3218	3368	3066	3395	3522	3391
2003	3473	3582	3602	3200	3283	3430	3114	3442	3497	3421
2004	3415	3660	3680	3295	3295	3528	3251	3534	3519	3462
2005	3463	3600	3774	3223	3308	3521	3198	3607	3486	3463
2006	3535	3613	4008	3236	3335	3525	3394	3626	3501	3527
2007	3627	3639	4099	3383	3326	3514	3334	3695	3623	3588

Table L-20 MY1975 to MY2007 Vans Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4183	4135	4263	3500				3497		4196
1976	4225	4081	4326					3500		4200
1977	4276	4110	4404					3500		4252
1978	4313	4088	4387					3500		4250
1979	4553	4665	4450					3500		4541
1980	4338	4625	4137					3619		4353
1981	4374	4509	4050					3644		4324
1982	4447	4544	4031					3668		4342
1983	4551	4516	4099					3625	3818	4414
1984	4523	4389	3679	3396				3627	2916	4075
1985	4287	4464	3645	3274				3656	3454	3975
1986	4240	4218	3674	3435				3764	5139	3998
1987	4214	4247	3707	3285		3500		3818	3306	3972
1988	4210	4358	3798	3515		3611		3868	3418	4053
1989	4215	4250	3825	3552		3738		4042	3282	4057
1990	4265	4269	3876			3452		4020	3329	4095
1991	4289	4234	3972	4000		3382		4021	3000	4133
1992	4304	4376	3970	4000		3500			3291	4151
1993	4364	4266	3823	4000		4000		4157	3016	4105
1994	4316	4406	3971	4025		4000		4260	3472	4156
1995	4337	4179	3837	4104	3500	4000		5000		4110
1996	4419	4211	4156	4065	3500	4000			3500	4195
1997	4354	4398	4152	4137	3500	4000		5490		4241
1998	4291	4208	4141	4000	3500	4000				4183
1999	4327	4578	4170	4000	4500	4000		4897		4307
2000	4323	4470	4157	4000	4500	4000		5116		4276
2001	4275	5155	4430	4000	4500	4000		4850		4519
2002	4307	4508	4374	4000	4500	4000	5000	4638		4394
2003	4347	4519	4286	4000	4500		5000	4564		4393
2004	4360	4527	4382	4500	4500	4500	5000			4487
2005	4532	4419	4285	4500	4500	4500	5000			4430
2006	4715	4433	4297	4500	4500	4500	4500			4448
2007	4788	4309	4283	4500	4500	4500	4500			4435

Table L-21 MY1975 to MY2007 SUVs Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4867	5000	3561	4000						4202
1976	4906	5000	3600	4082						4312
1977	4692	5000	3637	4030						4232
1978	4702	5000	3611	4078						4270
1979	5169	5000	3589	4039					4288	4509
1980	5071	4738	3509	4001					3857	4236
1981	5013	4686	3504	4239					2000	4208
1982	5203	4677	3528	4342					2157	4349
1983	4376	4673	3489	4463					2453	4137
1984	4266	3989	3637	3939					2767	3999
1985	4169	3978	3805	3727					2719	4018
1986	4181	3975	3721	4029					2414	3921
1987	4228	3908	3677	3730		4000			2451	3840
1988	4315	3921	3651	4018		4000			2367	3859
1989	4264	4319	3637	4103		4000			2900	4018
1990	4336	4404	3560	4276		4000			3275	4045
1991	4063	4371	3564	4492		4000			3388	4070
1992	4160	4360	3456	4515		4000			3497	4085
1993	4414	4373	3746	4499		4304			3499	4157
1994	4481	4371	3726	4484	4000	4352			3245	4209
1995	4569	4543	3681	4379		4204	3500		3708	4255
1996	4627	4522	3795	3735	4329	4000	3500		3391	4283
1997	4796	4729	3811	3633	3689	4399	3500		3671	4329
1998	4463	4751	4126	3861	3617	4398	3500		3597	4340
1999	4523	4821	4322	4112	3605	4338	3500		3740	4400
2000	4786	4812	4280	4174	3617	4293	3500		3910	4458
2001	4889	4238	4320	4197	3809	4306	3734		4057	4378
2002	5003	4409	4408	4215	3778	4296	3819		3965	4508
2003	5122	4769	4352	4302	4020	4234	4152	5500	3992	4611
2004	5127	4804	4308	4379	4033	4731	4133	5472	4025	4634
2005	5027	4519	4529	4351	4049	4714	4086	5382	4060	4575
2006	4740	4681	4541	4426	4041	4734	4098	5422	4072	4513
2007	5130	4776	4513	4340	4106	4763	4145	5544	4153	4623

Table L-22 MY1975 to MY2007 Pickups Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4073	4171	4345	2750		2750				4012
1976	4193	4218	4338	2819		2750				4122
1977	4214	4180	4335	2780		2750				4092
1978	4248	4209	4226	2866		2786			2500	4104
1979	4495	4136	4041	2814		2781			2499	4142
1980	4157	4007	3430	2865		2830		2265	2652	3740
1981	4012	3853	3564	2888		2893		2318	2499	3679
1982	3850	3893	3470	3013		2894		2310	2495	3629
1983	3931	3508	3311	3033		3041		2516	2867	3544
1984	3962	3584	3638	3036		3156			2690	3619
1985	3926	3688	3798	3107		3137			2766	3642
1986	3893	3638	3626	3129		3229			2754	3574
1987	3751	3584	3611	3114		3169			2957	3526
1988	4013	3712	3652	3181		3239			2895	3737
1989	3976	3890	3681	3377		3239			2931	3803
1990	4250	3904	3991	3396		3167			3152	3928
1991	3845	3896	4035	3413		3203			3144	3779
1992	4088	4107	4046	3366		3229			3025	3976
1993	4189	4068	4111	3394		3257			3041	3996
1994	4256	4042	4346	3382		3333			3037	4056
1995	4270	4292	4516	3533		3365			3001	4182
1996	4304	4065	4697	3508		3355			3000	4190
1997	4597	4294	4765	4086		3350				4415
1998	4311	4243	4783	3432		3604				4282
1999	4763	4251	4795	3549		3788				4487
2000	4401	4285	4662	4110		3918				4340
2001	4592	4533	4905	4046		3880				4552
2002	4988	4497	5011	4140		3944				4690
2003	4713	4571	5108	4148		3945			3859	4642
2004	4951	5124	5140	4296		3870			4000	4939
2005	4891	5274	5093	4476		4895			4000	4988
2006	4863	5329	5013	4485	4500	4811			4379	4925
2007	5163	5263	5047	4733	4500	4912			4823	5070

Table L-23 MY1975 to MY2007 Trucks Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4159	4174	4080	2966		2750		3497		4072
1976	4265	4199	4151	3037		2750		3500		4155
1977	4266	4191	4178	3018		2750		3500		4135
1978	4301	4234	4090	3066		2786		3500	2500	4151
1979	4585	4275	4028	2862		2781		3500	3164	4252
1980	4252	4149	3592	2880		2830		2770	3182	3869
1981	4118	3989	3663	2906		2893		2652	2478	3806
1982	4028	4083	3633	3042		2894		3002	2402	3806
1983	4128	3735	3528	3069		3041		3488	2822	3763
1984	4131	3756	3655	3133		3156		3627	2735	3782
1985	4063	3863	3724	3175		3137		3656	2769	3795
1986	4049	3804	3672	3248		3229		3764	2641	3738
1987	4004	3784	3668	3208		3338		3818	2676	3713
1988	4118	3882	3723	3303		3444		3868	2598	3841
1989	4096	4056	3743	3457		3352		4042	2929	3921
1990	4270	4058	3819	3675		3335		4020	3221	4005
1991	3985	4111	3885	3759		3383		4021	3319	3948
1992	4158	4234	3878	3685		3476			3356	4056
1993	4289	4195	3836	3657		3603		4157	3400	4073
1994	4335	4188	3983	3686	4000	3718		4260	3216	4125
1995	4388	4298	3936	3895	3500	3741	3500	5000	3613	4184
1996	4455	4251	4172	3618	3969	3694	3500		3387	4225
1997	4624	4456	4211	3676	3653	3841	3500	5490	3671	4344
1998	4357	4431	4310	3713	3605	3985	3500		3597	4283
1999	4608	4518	4381	3925	3843	4112	3500	4897	3740	4412
2000	4521	4521	4309	4117	4036	4104	3500	5116	3910	4375
2001	4685	4496	4549	4123	4095	4157	3734	4850	4057	4463
2002	4922	4455	4562	4168	4092	4163	4147	4638	3965	4546
2003	4869	4660	4562	4230	4162	4164	4378	4766	3984	4586
2004	5002	4932	4590	4383	4148	4567	4333	5472	4025	4710
2005	4926	4833	4567	4413	4179	4752	4325	5382	4058	4668
2006	4788	4926	4566	4459	4227	4746	4186	5422	4090	4628
2007	5124	4962	4568	4477	4224	4790	4242	5544	4155	4723



Table L-24 MY1975 to MY2007 All Inertia Weight by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	4427	4120	4136	2748	2000	2640		2374	2682	4060
1976	4370	4190	4071	2773	2021	2610		2350	2682	4079
1977	4199	4238	4140	2685	2085	2595		2366	2589	3982
1978	3896	3937	3818	2694	2126	2580		2420	2560	3715
1979	3926	3749	3623	2733	2308	2541		2433	2744	3655
1980	3493	3374	3231	2672	2330	2531		2420	2618	3228
1981	3537	3297	3013	2621	2343	2596		2437	2597	3202
1982	3488	3277	3167	2677	2354	2637		2539	2618	3202
1983	3579	3346	3074	2754	2380	2603		2617	2710	3257
1984	3495	3347	3102	2845	2380	2748		2702	2750	3262
1985	3494	3348	3198	2889	2432	2845		2747	2801	3271
1986	3363	3401	3223	2959	2565	2981	2500	2723	2732	3238
1987	3383	3401	3242	2966	2633	2984	2500	2777	2765	3221
1988	3442	3435	3325	2942	2770	2955	2500	2709	2735	3283
1989	3474	3518	3418	3004	2800	2956	2580	2774	2882	3351
1990	3559	3595	3539	3132	2884	3109	2636	2972	3039	3426
1991	3498	3569	3528	3173	2913	3170	2628	2978	3116	3410
1992	3587	3725	3593	3242	3015	3132	2768	2974	3216	3512
1993	3632	3620	3585	3285	2977	3261	2786	3271	3158	3519
1994	3698	3725	3777	3317	3084	3249	2672	3106	3212	3603
1995	3758	3737	3639	3369	3016	3381	2847	3147	3290	3613
1996	3765	3821	3886	3322	3099	3280	2783	3155	2980	3659
1997	3839	3944	3918	3371	3096	3375	2896	3168	3303	3727
1998	3778	3935	3993	3455	3231	3510	2917	3203	3332	3744
1999	3927	3969	4124	3536	3345	3570	2992	3265	3427	3835
2000	3934	3988	4015	3623	3381	3701	3034	3265	3520	3821
2001	4017	4037	4178	3639	3427	3710	3120	3335	3683	3879
2002	4202	4033	4206	3732	3461	3680	3366	3410	3613	3951
2003	4265	4218	4245	3624	3626	3694	3494	3459	3631	3999
2004	4282	4457	4228	3862	3633	4058	3612	3845	3683	4111
2005	4257	4297	4259	3711	3659	4034	3654	3867	3666	4060
2006	4149	4259	4332	3811	3735	4037	3649	3740	3670	4034
2007	4419	4338	4385	3882	3757	4071	3702	3936	3766	4144

Table L-25 MY1975 to MY2007 Cars UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	34.1	29.6	32.5	29.2	31.5	33.4		31.1	30.3	32.4
1976	36.5	35.1	34.0	34.4	33.2	34.8		32.2	31.7	35.4
1977	37.2	36.0	34.5	38.3	38.2	35.4		34.6	32.3	36.4
1978	36.2	36.1	35.7	35.9	36.3	34.6		34.0	32.1	35.9
1979	36.2	34.4	36.3	32.7	33.6	33.7		35.8	33.8	35.4
1980	37.0	35.3	35.6	36.2	34.0	38.7		38.6	36.2	36.5
1981	39.9	36.1	37.9	40.0	36.2	38.9		43.1	38.3	38.9
1982	40.9	37.7	40.9	39.5	39.5	40.0		42.9	39.1	40.1
1983	40.5	38.3	41.8	43.6	42.4	41.6		39.1	39.6	40.5
1984	40.9	40.5	40.7	44.7	42.3	42.5		38.6	39.9	41.0
1985	42.4	41.5	40.9	44.8	41.4	40.8		40.8	41.0	41.9
1986	42.9	42.6	41.3	44.8	43.4	42.2	43.7	39.8	40.0	42.6
1987	43.4	42.6	40.2	46.7	43.5	42.4	43.2	39.1	39.5	42.7
1988	44.4	43.6	42.0	45.5	44.4	42.9	43.0	40.3	40.0	43.7
1989	43.8	44.1	43.0	45.2	44.1	42.9	42.9	41.0	41.0	43.7
1990	44.4	44.6	43.8	45.1	44.2	43.0	43.8	41.7	42.1	44.2
1991	44.1	44.6	43.8	44.7	44.4	45.0	43.2	43.1	42.3	44.2
1992	44.1	45.6	44.0	44.6	47.3	45.7	43.2	42.8	43.6	44.8
1993	44.6	45.6	44.6	45.4	48.3	45.3	43.4	41.5	44.4	45.3
1994	45.1	45.9	44.4	45.6	49.3	45.5	43.9	43.2	45.1	45.7
1995	45.6	46.7	45.6	47.6	49.4	46.1	43.6	44.2	45.5	46.3
1996	46.5	45.9	45.7	47.2	48.8	47.4	43.3	44.2	45.4	46.5
1997	46.5	46.0	46.1	48.2	48.9	46.4	43.4	44.8	46.0	46.6
1998	46.4	45.9	46.7	50.3	50.9	49.6	43.0	46.4	45.5	47.3
1999	46.7	46.3	48.1	50.3	50.0	49.5	44.1	45.8	46.3	47.5
2000	47.5	46.6	47.3	49.9	49.8	47.3	44.1	46.8	46.2	47.6
2001	48.4	46.6	48.1	51.5	51.9	46.8	45.5	47.0	46.5	48.3
2002	48.6	47.0	47.7	52.1	51.8	49.1	46.6	49.5	47.5	48.9
2003	49.5	48.1	48.9	52.3	54.4	48.2	46.9	50.4	47.8	49.8
2004	49.5	47.8	49.2	55.3	54.6	50.1	47.4	50.3	47.4	50.4
2005	50.2	49.4	49.3	58.5	55.0	51.8	47.8	51.7	47.4	51.8
2006	50.6	49.7	50.4	58.1	56.9	51.5	51.9	55.0	47.9	52.4
2007	50.9	49.8	51.9	63.3	56.6	55.4	53.9	52.1	50.3	53.9

Table L-26 MY1975 to MY2007 Wagons UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	33.7	30.3	33.7	30.8		31.5		34.1	32.0	32.2
1976	36.6	37.0	35.7	33.4	33.1	37.0		34.9	34.1	36.2
1977	38.1	35.9	34.7	37.2	36.1	36.2		36.4	37.0	36.3
1978	37.0	35.5	35.9	34.9	35.6	34.6		32.4	32.9	35.8
1979	36.6	35.4	35.9	32.9	33.7	34.3		31.3	35.6	35.8
1980	41.4	36.8	37.0	35.9	36.9	39.0		50.5	33.6	38.4
1981	44.1	37.4	37.3	37.7	38.0	39.5		50.7	37.7	39.1
1982	41.6	39.2	40.5	37.5	41.6	40.6		41.8	40.1	40.4
1983	41.8	40.1	40.5	43.5	41.5	42.7		45.2	40.2	41.6
1984	42.6	42.0	40.0	43.8	40.7	43.4		40.4	40.5	42.1
1985	43.9	42.5	41.3	44.2	40.5	39.9		39.9	40.5	42.7
1986	45.2	43.6	41.6	42.2	41.1	41.6		37.1	40.2	43.4
1987	46.2	43.7	41.9	47.3	41.0	41.9		38.4	40.2	44.1
1988	48.1	43.8	43.0	46.1	44.6	41.8		39.6	41.9	44.6
1989	47.1	43.5	43.0	45.1	44.2	44.7		40.4	42.0	44.6
1990	47.4	43.7	43.0	45.0	47.0	45.1		44.7	44.3	45.0
1991	48.0	46.3	42.4	45.4	46.6			45.5	44.9	46.3
1992	47.8	46.8	42.5	44.5	47.5			44.7	46.0	46.7
1993	46.4	47.2	42.7	46.3	48.3			43.1	46.2	46.8
1994	46.5	47.8	49.5	47.2	50.8			44.7	46.2	47.5
1995	47.1	47.2	51.2	49.6	50.9			43.9	46.3	47.3
1996	47.7	48.4		49.3	50.0		45.3	55.0	46.2	47.9
1997	46.1	48.2			47.8		45.6	47.0	46.8	47.5
1998	46.7	47.7	54.4				44.3	48.5	46.9	47.4
1999	48.1	48.6	53.4				43.4	48.9	46.9	47.9
2000	47.7	49.3	53.5				43.4	45.4	48.1	48.0
2001	50.4	48.9	47.5					47.2	52.4	49.0
2002	50.1	49.9	44.8					52.1	51.2	48.4
2003	52.3	49.5	45.0	52.9				55.6	51.5	50.4
2004	53.0	49.7	50.3	52.9				54.2	51.5	51.4
2005	52.6	49.8	50.5	53.3				59.1	50.1	51.5
2006	53.1	49.4	50.2	51.9				55.8	49.8	51.0
2007	53.1	50.2	50.8	54.7	55.1		50.9	57.1	50.3	52.8

Table L-27 MY1975 to MY2007 Cars and Wagons UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	34.0	29.7	32.7	30.0	31.5	33.3		31.5	30.6	32.3
1976	36.5	35.4	34.3	34.3	33.2	35.1		32.3	32.0	35.5
1977	37.2	36.0	34.6	38.2	37.9	35.5		34.7	33.2	36.4
1978	36.2	36.1	35.7	35.8	36.3	34.6		33.9	32.3	35.9
1979	36.3	34.5	36.2	32.7	33.6	33.8		35.8	34.3	35.4
1980	37.1	35.4	35.7	36.2	34.2	38.7		39.2	35.6	36.6
1981	40.0	36.3	37.8	39.8	36.3	38.9		43.4	38.1	38.9
1982	41.0	37.9	40.9	39.3	39.7	40.1		42.9	39.4	40.1
1983	40.7	38.5	41.7	43.6	42.3	41.7		39.2	39.7	40.7
1984	41.1	40.7	40.6	44.6	42.2	42.6		38.6	40.0	41.1
1985	42.5	41.6	40.9	44.6	41.4	40.7		40.7	40.9	42.0
1986	43.0	42.7	41.3	44.7	43.3	42.1	43.7	39.8	40.0	42.6
1987	43.6	42.7	40.3	46.7	43.4	42.4	43.2	39.1	39.6	42.8
1988	44.6	43.6	42.0	45.6	44.4	42.8	43.0	40.2	40.3	43.7
1989	43.9	44.0	43.0	45.2	44.1	42.9	42.9	41.0	41.1	43.8
1990	44.5	44.5	43.8	45.1	44.2	43.0	43.8	41.8	42.4	44.2
1991	44.2	44.7	43.8	44.7	44.5	45.0	43.2	43.2	42.7	44.3
1992	44.2	45.7	44.0	44.6	47.3	45.7	43.2	42.9	44.0	44.9
1993	44.7	45.8	44.6	45.5	48.3	45.3	43.4	41.6	44.8	45.4
1994	45.1	46.1	44.4	45.6	49.3	45.5	43.9	43.3	45.3	45.7
1995	45.7	46.7	45.6	47.7	49.5	46.1	43.6	44.2	45.6	46.4
1996	46.5	46.1	45.7	47.3	48.8	47.4	43.4	44.6	45.5	46.5
1997	46.4	46.2	46.1	48.2	48.8	46.4	43.5	44.9	46.2	46.7
1998	46.4	46.1	46.8	50.3	50.9	49.6	43.0	46.4	45.8	47.3
1999	46.7	46.4	48.1	50.3	50.0	49.5	44.1	46.0	46.4	47.5
2000	47.5	46.8	47.4	49.9	49.8	47.3	44.1	46.7	46.6	47.6
2001	48.4	46.8	48.0	51.5	51.9	46.8	45.5	47.0	47.5	48.4
2002	48.6	47.1	47.1	52.1	51.8	49.1	46.6	49.7	48.2	48.9
2003	49.7	48.2	48.1	52.3	54.4	48.2	46.9	51.0	48.3	49.9
2004	49.7	47.9	49.5	55.1	54.6	50.1	47.4	50.8	48.0	50.5
2005	50.3	49.4	49.7	57.9	55.0	51.8	47.8	52.3	48.1	51.8
2006	50.8	49.6	50.4	57.3	56.9	51.5	51.9	55.0	48.3	52.3
2007	51.0	49.9	51.6	61.2	56.5	55.4	53.8	52.6	50.3	53.8

Table L-28 MY1975 to MY2007 Vans UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	30.9	26.4	27.4	35.9				36.2		28.1
1976	30.6	28.0	30.8					34.9		29.7
1977	32.4	32.2	30.5					38.9		31.7
1978	31.1	31.2	29.7					35.0		30.8
1979	33.9	28.6	31.0					32.9		31.3
1980	36.4	37.9	34.6					34.4		36.4
1981	39.5	38.3	35.6					33.8		38.0
1982	39.8	37.1	35.9					42.1		38.0
1983	43.4	37.1	37.3					35.3	40.5	39.7
1984	41.3	36.8	38.4	45.9				37.5	42.3	39.3
1985	40.5	36.4	38.9	43.6				39.0	41.7	39.3
1986	41.4	41.8	40.8	45.2				36.2	54.7	41.5
1987	42.0	42.0	41.8	41.8		39.1		36.2	38.1	41.7
1988	42.8	42.5	43.9	45.4		40.3		38.6	38.8	43.2
1989	42.9	42.8	43.7	45.9		41.4		42.2	38.2	43.2
1990	44.3	41.8	44.8			43.9		41.9	38.1	43.8
1991	44.9	42.3	45.6	45.7		44.0		42.1	39.5	44.5
1992	45.1	43.6	45.4	44.6		44.8			44.5	44.8
1993	45.3	44.6	45.3	43.8		43.5		43.7	43.6	45.0
1994	45.5	44.2	44.8	44.3		45.4		42.8	45.8	44.9
1995	44.9	45.3	44.5	46.3	44.7	46.0		48.9		45.0
1996	47.5	45.2	47.6	45.5	49.8	45.8			45.7	46.8
1997	47.7	45.5	47.3	46.0	43.6	45.2		50.8		46.9
1998	47.6	46.8	48.4	48.4	47.2	45.4				47.7
1999	47.7	48.1	48.0	48.2	54.2	46.1		46.7		48.1
2000	48.0	48.8	48.9	48.2	53.8	45.7		48.5		48.9
2001	49.3	47.8	52.0	49.5	54.0	45.1		50.0		50.3
2002	48.6	49.8	52.4	49.5	54.5	45.1	50.0	48.3		50.9
2003	50.5	50.7	52.6	49.5	54.5		50.0	47.6		51.7
2004	50.4	49.3	53.6	57.3	54.5	55.3	52.9			53.4
2005	51.5	52.1	52.0	55.6	58.6	55.5	53.3			53.2
2006	54.0	51.4	52.6	55.8	58.7	56.1	53.5			54.3
2007	54.8	53.1	52.6	58.4	55.6	55.0	53.5			54.5

Table L-29 MY1975 to MY2007 SUVs UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	29.0	26.5	25.8	24.0						27.1
1976	32.2	34.5	26.8	22.3						29.6
1977	34.7	36.3	28.5	28.3						31.8
1978	33.2	33.1	27.9	26.4						30.6
1979	29.2	27.5	27.6	27.8					29.1	28.3
1980	36.9	33.2	29.8	27.6					36.3	32.9
1981	40.7	35.8	32.4	30.3					25.2	35.4
1982	51.4	34.9	32.6	30.9					26.9	39.2
1983	45.7	36.2	31.9	31.6					29.2	40.1
1984	43.9	36.8	33.7	35.1					34.5	39.1
1985	43.3	37.8	35.3	41.2					34.6	40.3
1986	41.4	39.4	36.6	47.8					37.4	39.9
1987	41.8	40.0	37.1	43.4		37.4			37.2	39.7
1988	42.8	39.4	35.4	41.4		37.1			37.2	39.5
1989	43.3	41.7	35.3	41.1		37.9			38.7	40.3
1990	42.7	41.3	35.5	41.8		39.0			40.3	40.0
1991	42.5	43.9	34.9	41.8		39.0			38.5	41.4
1992	41.2	43.7	34.5	38.7		39.2			38.7	40.6
1993	44.1	44.1	36.6	39.1		41.8			38.7	41.3
1994	44.6	43.8	35.9	39.0	40.4	40.4			40.7	41.6
1995	45.1	44.2	35.5	40.8		40.0	42.7		41.8	41.7
1996	46.5	44.3	36.8	42.5	42.1	39.7	41.0		41.3	42.9
1997	47.1	44.2	38.0	41.7	45.8	43.1	41.6		43.7	43.5
1998	46.1	44.4	39.7	44.4	46.1	42.9	42.7		45.6	43.7
1999	45.6	44.9	41.5	46.6	46.5	42.4	42.7		45.4	44.3
2000	47.4	45.1	41.4	46.6	47.1	42.0	41.1		44.9	44.7
2001	47.9	45.1	41.8	47.3	48.1	42.7	44.8		46.6	45.6
2002	49.6	44.2	43.1	47.6	49.6	42.7	46.0		46.8	46.4
2003	50.2	46.3	44.8	48.1	50.2	46.5	47.4	49.5	46.8	48.0
2004	51.2	47.0	43.7	50.2	49.8	48.2	47.7	51.3	47.2	48.5
2005	51.8	48.2	45.3	51.0	49.7	50.3	48.1	51.7	48.3	49.4
2006	51.0	49.9	46.4	56.5	50.3	50.8	48.6	52.6	48.9	50.6
2007	55.3	51.5	47.9	55.7	52.6	51.7	51.3	54.7	51.2	52.6

Table L-30 MY1975 to MY2007 Pickups UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	29.6	26.9	28.5	29.3		32.5				28.8
1976	31.1	30.2	30.7	31.1		33.8				30.9
1977	32.5	34.6	31.5	37.8		34.4				33.4
1978	31.9	34.6	30.9	35.3		35.7			34.2	33.1
1979	35.0	31.6	31.2	27.5		32.4			34.5	32.9
1980	38.9	37.1	34.2	30.9		35.8		37.6	33.4	36.7
1981	40.5	38.4	35.6	38.7		40.9		43.6	35.4	39.3
1982	42.3	37.6	37.2	39.0		40.9		46.2	37.1	40.1
1983	42.2	38.0	39.5	38.8		42.0		42.6	42.7	40.0
1984	41.3	38.5	36.2	38.3		41.7			37.9	39.4
1985	40.4	38.2	36.1	42.2		40.3			39.7	39.6
1986	40.8	39.9	37.4	41.6		39.9			39.2	40.1
1987	40.2	39.9	38.9	41.6		39.9			41.1	40.1
1988	41.2	40.4	38.5	40.1		40.1			40.7	40.5
1989	41.0	41.2	37.2	40.0		40.2			40.2	40.5
1990	41.0	41.8	38.7	39.6		43.1			37.5	41.1
1991	41.2	42.1	38.4	40.8		43.1			37.1	41.4
1992	41.6	43.2	39.0	40.3		43.3			37.2	41.8
1993	42.2	43.6	39.0	40.8		43.2			37.2	42.4
1994	42.9	44.1	41.0	41.4		42.7			38.3	43.0
1995	43.6	44.3	40.5	41.2		42.0			39.1	43.1
1996	46.2	44.0	40.8	41.3		42.2			37.8	43.9
1997	47.2	45.7	42.2	41.7		41.7				45.3
1998	45.9	44.6	43.1	40.8		46.1				44.6
1999	47.1	43.6	42.5	41.2		44.3				44.7
2000	45.9	44.1	43.0	42.5		43.1				44.4
2001	46.7	45.0	42.6	42.9		43.5				44.7
2002	47.5	45.2	44.9	43.3		43.6				45.6
2003	47.2	46.0	46.5	43.6		44.3			50.9	46.3
2004	49.5	49.5	46.1	44.2		45.1			51.3	48.2
2005	49.9	50.3	46.4	48.3		47.5			52.0	49.1
2006	50.3	50.7	48.4	48.6	48.1	47.6			49.7	49.6
2007	53.2	50.7	48.5	51.1	48.1	48.1			48.4	51.0

Table L-31 MY1975 to MY2007 Trucks UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	29.8	26.8	27.2	28.5		32.5		36.2		28.4
1976	31.1	29.8	29.8	29.6		33.8		34.9		30.5
1977	32.7	34.2	30.4	36.0		34.4		38.9		33.0
1978	31.9	33.8	29.6	33.8		35.7		35.0	34.2	32.4
1979	34.1	30.9	30.1	27.5		32.4		32.9	32.5	32.1
1980	38.4	37.0	33.0	30.9		35.8		36.4	34.7	36.3
1981	40.4	38.2	34.7	38.6		40.9		41.2	35.0	38.8
1982	42.5	37.3	35.8	38.8		40.9		44.1	34.3	39.7
1983	43.1	37.7	37.3	38.7		42.0		36.2	39.9	39.9
1984	41.9	38.0	36.4	39.4		41.7		37.5	37.3	39.3
1985	41.3	37.9	37.3	42.4		40.3		39.0	38.5	39.6
1986	41.1	40.2	38.8	42.6		39.9		36.2	38.7	40.4
1987	41.1	40.4	39.7	41.8		39.4		36.2	38.5	40.5
1988	41.9	40.7	40.4	40.5		39.4		38.6	38.4	40.9
1989	41.9	41.8	40.0	40.4		39.8		42.2	39.2	41.2
1990	42.3	41.7	41.5	40.3		42.5		41.9	38.9	41.8
1991	42.2	42.7	41.7	42.3		42.2		42.1	38.1	42.2
1992	42.3	43.4	41.9	40.7		42.0			40.0	42.4
1993	43.4	44.0	41.2	40.9		42.9		43.7	38.9	42.9
1994	43.9	44.0	41.3	40.9	40.4	42.8		42.8	40.6	43.0
1995	44.4	44.7	40.0	41.4	44.7	42.2	42.7	48.9	41.4	43.2
1996	46.5	44.4	42.7	41.9	45.5	42.4	41.0		41.3	44.3
1997	47.2	45.2	42.9	41.7	45.4	42.8	41.6	50.8	43.7	44.9
1998	46.3	45.0	43.5	43.6	46.2	44.6	42.7		45.6	44.9
1999	46.8	44.8	43.9	45.1	48.6	43.8	42.7	46.7	45.4	45.3
2000	46.8	45.4	44.3	45.3	50.3	42.9	41.1	48.5	44.9	45.6
2001	47.7	45.4	44.9	46.0	50.6	43.1	44.8	50.0	46.6	46.1
2002	48.8	45.2	46.1	46.3	51.7	43.1	47.1	48.3	46.8	46.9
2003	49.1	46.7	47.8	46.6	51.5	46.0	48.1	48.0	47.0	48.0
2004	50.5	48.4	45.5	50.2	51.0	48.6	48.9	51.3	47.2	49.0
2005	51.0	49.6	48.1	51.1	52.2	49.8	49.5	51.7	48.4	50.1
2006	51.0	50.4	48.8	53.8	52.5	50.0	49.7	52.6	49.0	50.9
2007	54.5	51.2	49.2	54.8	53.0	50.8	51.9	54.7	51.2	52.4



Table L-32 MY1975 to MY2007 All UNADJUSTED TON MPG by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	33.2	29.0	31.6	29.8	31.5	33.1		31.5	30.6	31.6
1976	35.4	33.8	33.4	33.7	33.2	34.8		32.4	32.0	34.4
1977	36.4	35.5	33.7	37.9	37.9	35.3		34.7	33.2	35.7
1978	35.3	35.4	34.1	35.4	36.3	34.8		33.9	32.5	35.1
1979	35.8	33.5	34.5	31.7	33.6	33.6		35.7	33.9	34.7
1980	37.3	35.8	35.1	35.1	34.2	38.2		38.9	35.5	36.6
1981	40.1	36.9	37.3	39.6	36.3	39.3		43.1	37.9	38.9
1982	41.3	37.7	39.6	39.2	39.7	40.2		43.0	39.2	40.0
1983	41.1	38.2	40.6	42.5	42.3	41.8		38.9	39.8	40.5
1984	41.2	39.8	39.3	42.8	42.2	42.4		38.5	39.8	40.7
1985	42.2	40.5	39.7	43.8	41.4	40.6		40.6	40.6	41.4
1986	42.6	41.8	40.3	43.8	43.3	41.1	43.7	39.7	39.8	42.0
1987	43.0	41.9	40.0	45.0	43.4	41.7	43.2	39.0	39.4	42.1
1988	43.8	42.7	41.3	44.0	44.4	41.9	43.0	40.2	39.8	42.9
1989	43.3	43.3	41.6	43.9	44.1	42.2	42.9	41.0	40.7	43.0
1990	43.8	43.5	42.7	44.0	44.2	42.9	43.8	41.8	41.9	43.5
1991	43.5	44.0	42.8	44.0	44.5	44.2	43.2	43.1	41.7	43.6
1992	43.6	44.8	42.9	43.6	47.3	44.8	43.2	42.9	43.2	44.1
1993	44.2	45.1	42.7	44.2	48.3	44.5	43.4	41.9	43.8	44.5
1994	44.7	45.2	42.4	44.1	49.0	44.7	43.9	43.3	44.4	44.6
1995	45.2	45.9	42.6	46.0	49.3	44.6	43.6	44.3	45.0	45.2
1996	46.5	45.3	43.8	45.7	48.6	46.0	43.2	44.6	45.2	45.6
1997	46.8	45.7	44.1	46.2	48.4	45.2	43.2	44.9	45.9	45.9
1998	46.4	45.5	44.6	47.9	50.3	48.0	43.0	46.4	45.8	46.3
1999	46.7	45.6	45.2	48.4	49.7	47.8	43.8	46.0	46.2	46.5
2000	47.2	46.1	45.4	48.0	49.9	45.4	43.6	46.7	46.2	46.7
2001	48.1	46.0	46.1	49.0	51.5	45.1	45.4	47.0	47.2	47.3
2002	48.7	46.0	46.5	49.4	51.8	46.7	46.7	49.7	47.9	47.9
2003	49.4	47.3	47.9	50.0	53.3	47.4	47.3	50.9	48.0	49.0
2004	50.1	48.2	47.1	52.5	53.1	49.3	47.9	50.8	47.8	49.7
2005	50.7	49.5	48.7	55.1	53.9	51.0	48.5	52.2	48.2	50.9
2006	50.9	50.0	49.5	55.7	54.9	50.9	51.2	54.8	48.5	51.6
2007	52.9	50.6	50.2	58.3	54.8	53.4	53.0	52.9	50.5	53.1

Table L-33 MY1975 to 2007 Cars Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	343	295	295	129	83	117		96	106	293
1976	329	295	287	116	83	112		100	111	288
1977	314	310	296	108	88	111		99	112	281
1978	288	272	250	112	90	110		98	110	252
1979	283	240	221	113	98	112		98	118	239
1980	222	193	183	115	100	106		100	110	188
1981	224	182	159	114	100	114		106	117	184
1982	209	172	170	118	101	118		109	115	175
1983	221	195	157	124	102	118		118	120	185
1984	210	191	147	118	105	125		119	126	180
1985	207	190	154	122	105	128		121	129	179
1986	189	184	153	116	108	129	90	121	124	168
1987	190	181	158	115	110	125	90	121	123	162
1988	179	183	158	111	115	117	90	118	121	160
1989	186	180	157	115	113	124	99	118	123	162
1990	182	185	164	122	120	144	103	121	123	163
1991	187	175	165	121	123	143	102	120	125	163
1992	192	192	167	129	125	137	101	124	133	170
1993	189	181	172	132	119	138	105	144	129	167
1994	185	191	182	131	121	135	98	133	136	168
1995	191	185	161	135	117	148	109	137	140	168
1996	188	188	160	134	124	145	104	137	122	166
1997	183	187	165	137	122	146	109	136	145	164
1998	191	177	150	143	128	146	109	133	150	164
1999	188	179	169	142	135	148	115	134	148	166
2000	189	184	164	141	134	158	116	134	157	166
2001	190	185	173	141	134	150	118	134	163	165
2002	194	179	172	154	136	165	122	131	155	166
2003	192	191	186	143	141	177	126	131	155	168
2004	192	197	170	147	139	177	138	137	160	170
2005	193	185	182	141	141	166	135	147	157	167
2006	197	190	224	144	139	166	151	150	168	174
2007	202	188	239	155	141	168	146	158	178	180

Table L-34 MY1975 to 2007 Wagons Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	327	284	294	113		119		89	94	256
1976	336	297	279	114	91	109		97	93	276
1977	325	299	281	109	91	110		96	98	266
1978	299	254	269	114	91	115		97	101	243
1979	292	220	259	107	91	96		97	100	234
1980	284	190	237	114	91	98		90	99	189
1981	287	144	170	116	91	105		97	109	165
1982	248	162	157	115	91	105		105	109	178
1983	230	167	151	97	91	107		108	109	161
1984	195	179	141	95	91	106		125	111	166
1985	202	176	143	98	91	123		121	110	158
1986	197	166	158	98	91	120		136	110	162
1987	205	165	157	116	91	128		124	109	162
1988	209	172	141	113	93	122		111	109	163
1989	208	181	115	115	92	98		116	110	171
1990	206	182	143	115	92	98		118	127	165
1991	228	160	181	111	119			123	126	158
1992	250	170	181	122	132			129	126	171
1993	210	144	137	130	132			170	131	150
1994	198	146	195	130	132			169	138	154
1995	197	141	195	131	132			166	136	147
1996	197	155		131	132		110	156	141	155
1997	116	147			132		109	168	144	142
1998	116	149	195				110	150	142	143
1999	122	159	195				121	131	145	148
2000	144	148	195				121	154	148	147
2001	168	146	149					150	153	150
2002	165	146	150					138	150	149
2003	115	145	149	110				135	150	135
2004	113	157	181	104				137	152	151
2005	118	146	202	101				135	153	158
2006	131	134	196	98				136	154	152
2007	131	145	207	110	91		151	146	155	145

Table L-35 MY1975 to 2007 Cars and Wagons Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	342	293	295	121	83	117		95	104	288
1976	329	295	286	115	84	112		100	109	287
1977	314	309	292	108	88	111		99	109	279
1978	289	270	253	113	90	111		98	108	251
1979	284	238	225	113	97	109		98	113	238
1980	225	193	186	115	100	105		99	108	188
1981	226	176	160	114	100	113		106	114	182
1982	212	170	169	118	100	117		109	114	175
1983	222	192	156	115	101	116		118	117	182
1984	208	190	146	116	104	123		119	122	179
1985	207	189	153	116	104	128		121	123	177
1986	190	182	153	115	107	128	90	121	121	167
1987	191	179	158	115	109	125	90	121	120	162
1988	180	182	157	111	115	118	90	118	119	160
1989	186	180	156	115	112	124	99	118	122	163
1990	183	185	164	122	119	144	103	121	124	163
1991	188	173	165	120	122	143	102	120	125	163
1992	193	190	167	129	125	137	101	124	132	170
1993	189	176	171	132	119	138	105	145	129	166
1994	185	186	182	131	121	135	98	134	137	168
1995	191	180	161	135	117	148	109	138	140	167
1996	188	186	160	134	124	145	104	137	126	165
1997	182	184	165	137	122	146	109	137	145	164
1998	190	175	151	143	128	146	109	133	148	164
1999	187	178	169	142	135	148	115	134	147	166
2000	189	182	164	141	134	158	117	135	155	165
2001	190	183	168	141	134	150	118	135	161	165
2002	194	177	168	154	136	165	122	132	154	166
2003	189	189	179	140	141	177	126	131	154	166
2004	189	194	173	143	139	177	138	137	159	168
2005	189	183	188	137	141	166	135	146	156	166
2006	191	184	214	138	139	166	151	149	165	171
2007	197	186	230	144	139	168	146	157	174	176

Table L-36 MY1975 to 2007 Vans Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	306	334	313	133				109		318
1976	321	336	314					120		324
1977	325	343	327					120		332
1978	328	335	327					120		329
1979	319	336	321					120		322
1980	297	314	278					120		288
1981	285	310	271					120		284
1982	291	314	276					111		287
1983	306	313	270					119	219	294
1984	301	313	201	122				117	147	249
1985	286	311	189	122				117	181	236
1986	279	242	186	137				129	145	228
1987	284	236	193	137		146		129	142	226
1988	286	240	189	137		146		129	142	229
1989	290	225	187	137		146		129	141	225
1990	258	230	200			146		129	143	225
1991	262	226	199	149		146		129	122	220
1992	266	230	198	149		146			130	222
1993	269	218	194	148		181		150	115	218
1994	265	232	208	149		181		150	141	226
1995	269	237	201	149	132	181		150		231
1996	257	233	208	149	132	181			143	220
1997	248	227	208	149	132	181		170		220
1998	240	226	203	183	138	181				217
1999	243	238	208	183	212	200		170		223
2000	241	225	204	183	212	200		170		217
2001	234	276	213	183	212	200		170		229
2002	235	232	210	183	212	200	213	170		218
2003	228	232	213	183	212		213	170		219
2004	232	243	211	202	212	214	213			219
2005	231	219	214	202	212	214	213			216
2006	231	222	213	202	212	214	231			215
2007	255	200	212	211	212	213	231			217

Table L-37 MY1975 to 2007 SUVs Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	350	302	317	257						328
1976	359	302	320	258						335
1977	357	302	324	258						332
1978	355	362	323	258						339
1979	371	351	285	258					291	331
1980	341	321	266	258					206	295
1981	317	321	261	258					49	290
1982	329	319	261	258					59	294
1983	237	318	266	258					80	254
1984	226	226	237	194					99	227
1985	214	226	223	170					97	216
1986	215	226	213	151					91	207
1987	220	215	242	157		175			93	209
1988	242	217	251	175		181			88	219
1989	262	235	246	180		181			119	242
1990	253	250	243	178		181			132	232
1991	246	237	235	190		181			139	230
1992	244	238	231	179		181			144	229
1993	261	240	250	195		181			142	242
1994	251	239	251	196	190	181			121	238
1995	262	254	241	187		181	122		143	241
1996	271	260	256	185	191	200	122		130	252
1997	284	277	242	178	137	200	122		154	246
1998	262	278	259	180	136	200	122		152	246
1999	267	277	266	188	135	200	122		162	246
2000	272	277	262	193	131	199	122		171	245
2001	273	230	258	190	149	207	139		173	229
2002	273	241	244	194	163	204	146		166	236
2003	275	253	249	212	175	210	182	275	170	238
2004	279	251	256	219	177	262	185	238	184	244
2005	268	224	257	215	178	248	178	231	181	233
2006	247	233	253	213	178	248	174	232	180	226
2007	276	235	245	211	174	247	180	233	186	232

Table L-38 MY1975 to 2007 Pickups Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	321	323	338	133		119				306
1976	329	330	335	133		119				316
1977	325	333	341	134		119				313
1978	322	325	326	134		119			97	306
1979	304	317	272	134		119			97	287
1980	269	283	206	134		119		94	107	236
1981	259	275	218	143		133		99	109	237
1982	244	279	217	143		133		99	108	228
1983	244	221	189	144		141		103	131	212
1984	243	224	224	144		145			105	215
1985	241	251	250	144		146			125	221
1986	238	224	218	144		151			124	206
1987	231	209	221	144		151			133	202
1988	270	222	226	147		151			131	229
1989	275	232	234	154		152			140	236
1990	302	235	255	156		149			147	247
1991	257	234	264	154		149			159	232
1992	276	243	257	154		150			145	245
1993	281	242	263	155		150			145	244
1994	287	234	283	152		152			146	248
1995	278	260	296	171		153			143	257
1996	273	230	305	174		146			143	251
1997	289	246	309	203		146				264
1998	267	241	299	170		146				252
1999	293	243	307	175		166				267
2000	272	245	292	219		177				255
2001	279	265	306	210		178				269
2002	302	260	290	218		179				271
2003	277	260	294	219		182			150	264
2004	302	280	301	221		177			150	282
2005	289	285	298	246		290			150	284
2006	286	292	295	245	212	280			208	278
2007	300	288	300	261	212	285			256	287

Table L-39 MY1975 to 2007 Trucks Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	321	325	319	153		119		109		311
1976	331	330	323	155		119		120		319
1977	328	334	331	158		119		120		318
1978	326	330	325	154		119		120	97	314
1979	314	322	290	139		119		120	169	298
1980	278	291	237	136		119		104	151	248
1981	266	282	244	144		133		104	106	247
1982	257	289	242	145		133		105	95	243
1983	254	242	225	147		141		117	124	231
1984	249	238	218	143		145		117	108	224
1985	242	257	214	143		146		117	119	224
1986	242	228	202	144		151		129	107	211
1987	242	216	214	145		154		129	110	210
1988	267	225	214	150		158		129	105	227
1989	275	230	213	156		156		129	127	234
1990	279	235	220	163		154		129	139	237
1991	255	233	220	159		156		129	144	228
1992	266	239	216	157		160			140	234
1993	273	234	224	161		161		150	140	235
1994	272	235	238	163	190	165		150	128	239
1995	270	250	239	175	132	167	122	150	143	244
1996	270	241	246	178	166	170	122		131	243
1997	279	254	247	180	136	172	122	170	154	248
1998	260	252	251	177	136	173	122		152	242
1999	276	255	257	183	155	191	122	170	162	249
2000	266	253	247	201	170	191	122	170	171	242
2001	269	252	262	196	175	198	139	170	173	243
2002	279	247	247	201	184	196	165	170	166	244
2003	269	254	251	213	186	204	190	193	169	243
2004	284	264	266	216	186	242	191	238	184	252
2005	272	250	250	221	188	258	187	231	180	245
2006	262	257	249	222	192	257	187	232	182	240
2007	284	256	248	225	185	256	194	233	186	245



Table L-40 MY1975 to 2007 All Engine Size (CID) by Marketing Group

YEAR	GM	Ford	DC	Toyota	Honda	Nissan	HK	VW	Others	All
1975	338	301	299	125	83	118		95	104	293
1976	330	305	293	120	84	114		100	109	294
1977	317	316	300	115	88	112		99	109	287
1978	297	287	272	119	90	112		98	107	266
1979	290	261	243	118	97	111		99	125	252
1980	232	217	197	119	100	107		100	112	198
1981	232	207	174	119	100	116		106	114	193
1982	220	200	187	124	100	120		109	113	188
1983	228	209	173	122	101	120		118	118	193
1984	216	205	168	125	104	128		119	121	190
1985	215	208	173	126	104	133		121	123	189
1986	201	199	172	127	107	137	90	121	119	180
1987	203	192	181	125	109	131	90	121	118	175
1988	206	196	182	123	115	128	90	118	115	180
1989	214	196	183	126	112	132	99	118	123	185
1990	212	202	192	132	119	147	103	122	126	185
1991	211	196	189	132	122	147	102	121	130	184
1992	217	210	194	136	125	142	101	124	134	191
1993	219	199	202	140	119	146	105	145	131	191
1994	220	208	217	141	123	144	98	134	135	197
1995	223	210	203	146	118	156	110	138	140	196
1996	219	211	215	147	126	152	106	137	126	197
1997	222	220	216	150	124	155	111	137	146	199
1998	219	217	219	155	129	155	111	133	149	199
1999	226	217	229	157	139	161	116	134	150	203
2000	224	218	218	166	142	172	117	135	159	200
2001	226	221	227	165	145	173	122	135	165	201
2002	238	218	219	176	149	177	134	132	156	203
2003	235	227	227	170	159	187	146	132	158	204
2004	241	238	229	181	158	210	156	153	167	212
2005	234	221	226	172	160	204	156	158	163	205
2006	225	220	234	177	163	204	163	154	170	203
2007	243	223	241	181	161	206	166	167	177	210