Light-Duty Automotive Technology and Fuel Economy Trends: 1975 Through 2008

Appendix O
MY2008 Fuel Economy by Vehicle Type, Weight and Marketing Group

Compliance and Innovative Strategies Division
and
Transportation and Climate Division

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

NOTICE

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.

EPA United States Environmental Protection Agency

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Table O-1

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Cars

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										49.5
2250										29.9
2500				42.4						42.4
2750	34.8	34.1		39.3	39.2		37.6		42.5	38.1
3000	32.7	34.8		46.8	39.0	37.0	35.9	30.2	36.6	37.2
3500	29.4	28.4	30.1	32.7	31.8	32.7	31.1	29.4	28.3	30.7
4000	26.3	25.0	26.2	31.1	27.8	26.0	27.3	27.1	25.7	26.9
4500	24.9	22.1	21.8	25.1		20.7		22.8	22.8	22.5
5000								19.1	19.7	19.8
5500				26.9				16.2	17.3	22.6
6000	18.9							15.7		16.9
6500								14.4		14.9
All	28.2	27.4	27.1	35.6	33.4	32.0	31.7	28.2	27.3	30.4

Table O-2

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Wagons

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										
2250										
2500										
2750					39.9					39.9
3000	36.9			36.3						35.7
3500	31.9	30.6	27.5	31.6			28.3	30.6		29.8
4000	25.4	24.7	27.0				27.2	28.3	26.6	26.7
4500		22.1	22.5					24.8	24.6	22.5
5000			21.6							21.6
5500										21.4
6000										
6500										
All	33.2	25.0	25.2	33.5	39.9		27.7	29.5	25.8	29.6

Table O-3

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Cars and Wagons

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										49.5
2250										29.9
2500				42.4						42.4
2750	34.8	34.1		39.3	39.9		37.6		42.5	38.3
3000	33.3	34.8		44.7	39.0	37.0	35.9	30.2	36.6	37.1
3500	30.1	28.5	29.1	32.6	31.8	32.7	30.8	29.5	28.3	30.5
4000	26.3	25.0	26.3	31.1	27.8	26.0	27.3	27.3	25.8	26.9
4500	24.9	22.1	22.2	25.1		20.7		23.0	22.9	22.5
5000			21.6					19.1	19.7	20.7
5500				26.9				16.2	17.3	21.7
6000	18.9							15.7		16.9
6500								14.4		14.9
All	28.7	27.3	26.5	35.5	33.8	32.0	31.5	28.3	27.2	30.3

Table O-4

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Vans

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										
2250										
2500										
2750										
3000										
3500										
4000				28.9						28.9
4500	24.0	24.1	24.5	26.0	25.3	24.5	23.8			24.8
5000	21.7		26.0							24.6
5500	19.4									19.4
6000	17.8									17.8
6500										
All	20.9	24.1	24.6	26.0	25.3	24.5	23.8			24.5

Table O-5

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for SUVs

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										
2250										
2500										
2750										
3000										
3500		27.8	30.3	30.9	29.7	31.8	28.3			29.3
4000	25.2	26.2	22.5	27.5	27.6	27.8	25.6		25.6	25.9
4500	22.1	23.4	22.0	24.5	22.3	21.8	23.6			23.1
5000	21.9	20.0	19.8	23.5		20.8		20.7	22.8	21.3
5500	20.5		19.1			18.3		20.1	20.1	19.5
6000	20.2	18.4		19.4		18.1		18.3		19.6
6500				18.7		17.5				18.2
All	22.0	23.4	22.9	24.7	25.7	22.5	24.8	19.8	23.0	23.3

Table O-6

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Pickups

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										
2250										
2500										
2750										
3000										
3500	25.8	26.6		28.6						26.9
4000	24.1	20.6		23.7		25.4				23.1
4500	21.9	21.1	21.5	21.9	21.4	21.0				21.5
5000	21.0	20.1	20.0	21.2		18.8				20.4
5500	20.5	19.0	19.1	19.7		18.3				19.9
6000	19.9	18.4	18.2	18.6		17.4				18.4
6500		16.0				17.1				17.1
All	21.0	19.7	19.4	20.8	21.4	18.6				20.2

Table O-7

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for Trucks

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										
2250										
2500										
2750										
3000										
3500	25.8	27.5	30.3	30.2	29.7	31.8	28.3			29.0
4000	24.9	24.9	22.5	26.1	27.6	27.6	25.6		25.6	25.4
4500	22.3	23.4	23.1	24.8	23.2	22.9	23.7			23.5
5000	21.7	20.1	20.6	22.9		20.8		20.7	22.8	21.2
5500	20.5	19.0	19.1	19.7		18.3		20.1	20.1	19.8
6000	20.1	18.4	18.2	18.9		17.7		18.3		19.0
6500		16.0		18.7		17.4				18.1
All	21.6	21.8	22.5	23.7	25.1	21.5	24.6	19.8	23.0	22.5

Table O-8

Model Year 2008 Laboratory 55/45 Fuel Economy by

Inertia Weight Class and Marketing Group for All Vehicles

Weight	GM	Ford	Chrysler	Toyota	Honda	Nissan	HK	VW	BMW	All
1750										
2000										49.5
2250										29.9
2500				42.4						42.4
2750	34.8	34.1		39.3	39.9		37.6		42.5	38.3
3000	33.3	34.8		44.7	39.0	37.0	35.9	30.2	36.6	37.1
3500	29.9	28.0	29.6	32.2	31.3	32.7	30.5	29.5	28.3	30.2
4000	25.9	25.0	24.8	29.3	27.7	26.6	26.5	27.3	25.7	26.4
4500	22.6	22.9	23.0	24.8	23.2	22.9	23.7	23.0	22.9	23.3
5000	21.7	20.1	20.7	22.9		20.8		20.0	22.8	21.2
5500	20.5	19.0	19.1	20.0		18.3		20.0	20.0	19.9
6000	20.1	18.4	18.2	18.9		17.7		17.5		19.0
6500		16.0		18.7		17.4		14.4		18.1
All	24.3	23.7	23.6	29.7	29.6	26.6	28.4	26.2	26.3	26.0