

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

## Appendix G: Data Stratified by Vehicle Type and Weight Class

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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.*



Table G-1

Characteristics of 1975 to 2007 1750 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | VOL CU-FT | ENGINE |    | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|-----------|--------|----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP |           |         |        |       |         |           |               |
| 1985       | 37          | .003 | 57.4                     | 46.7     | 51.5    | 48.8     | 1750    | 82.6      | 61     | 48 | 15.7      | 96      | .787   | .0274 | 42.8    | 4037      | 3533          |
| 1986       | 81          | .005 | 55.9                     | 45.4     | 49.4    | 47.1     | 1750    | 84.6      | 61     | 46 | 16.3      | 95      | .759   | .0264 | 42.0    | 4052      | 3546          |
| 1987       | 38          | .003 | 56.8                     | 45.4     | 50.5    | 47.6     | 1750    | 84.4      | 61     | 46 | 16.2      | 95      | .756   | .0264 | 41.9    | 4043      | 3537          |
| 1988       | 55          | .004 | 51.6                     | 41.2     | 45.1    | 42.9     | 1750    | 84.6      | 61     | 47 | 16.3      | 95      | .766   | .0267 | 38.3    | 3695      | 3234          |
| 1989       | 25          | .002 | 59.4                     | 46.9     | 51.4    | 49.0     | 1750    | 90.9      | 61     | 49 | 15.4      | 96      | .806   | .0281 | 42.8    | 4453      | 3896          |
| 1990       | 4           | .000 | 65.3                     | 50.7     | 56.7    | 53.4     | 1750    | 89.1      | 61     | 49 | 15.5      | 96      | .803   | .0280 | 46.7    | 4755      | 4161          |
| 1991       | 4           | .000 | 65.3                     | 50.2     | 56.3    | 53.0     | 1750    | 89.1      | 61     | 55 | 14.1      | 100     | .902   | .0314 | 46.3    | 4719      | 4129          |
| 1992       | 8           | .001 | 65.3                     | 49.6     | 56.0    | 52.6     | 1750    | 89.1      | 61     | 55 | 14.1      | 100     | .902   | .0314 | 46.0    | 4684      | 4098          |
| 1993       | 10          | .001 | 65.3                     | 49.1     | 55.6    | 52.2     | 1750    | 89.1      | 61     | 55 | 14.1      | 100     | .902   | .0314 | 45.7    | 4649      | 4068          |
| 1994       | 8           | .001 | 65.8                     | 49.3     | 55.3    | 52.1     | 1750    | 89.1      | 61     | 55 | 14.1      | 100     | .902   | .0314 | 45.6    | 4645      | 4065          |

Percent of 1750 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |       |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|------------|------------|-----|--------------|------|-----|---------------|-------|-----|------------------|-------|------|------|--|-----|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI   | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1985       | 100.0      |     | 90.1         |      |     |               |       |     |                  |       |      |      |  |     |        |
| 1986       | 100.0      |     | 64.7         |      |     |               |       |     |                  | 100.0 |      |      |  |     |        |
| 1987       | 100.0      |     | 100.0        |      |     |               |       |     |                  | 100.0 |      |      |  |     |        |
| 1988       | 100.0      |     | 59.5         |      |     |               | 2.8   |     |                  | 100.0 |      |      |  |     |        |
| 1989       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |
| 1990       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |
| 1991       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |
| 1992       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |
| 1993       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |
| 1994       | 100.0      |     | 100.0        |      |     |               | 100.0 |     |                  | 100.0 |      |      |  |     |        |

Table G-2

Characteristics of 1975 to 2007 2000 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | VOL CU-FT | ENGINE |    | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|-----------|--------|----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP |           |         |        |       |         |           |               |
| 1975       | 105         | .010 | 31.4                     | 24.5     | 30.1    | 26.7     | 2000    |           | 83     | 54 | 15.9      | 97      | .655   | .0272 | 26.9    |           |               |
| 1976       | 154         | .012 | 32.6                     | 25.5     | 31.0    | 27.8     | 2000    |           | 83     | 56 | 15.6      | 97      | .670   | .0279 | 28.0    |           |               |
| 1977       | 157         | .011 | 36.0                     | 28.2     | 34.3    | 30.7     | 2000    | 73.7      | 84     | 61 | 14.4      | 100     | .739   | .0307 | 31.4    | 2307      | 2307          |
| 1978       | 270         | .019 | 34.9                     | 27.8     | 32.5    | 29.7     | 2000    | 80.3      | 90     | 62 | 14.3      | 101     | .695   | .0312 | 30.0    | 2423      | 2423          |
| 1979       | 234         | .017 | 32.0                     | 25.4     | 29.9    | 27.2     | 2000    | 80.1      | 88     | 62 | 14.3      | 101     | .712   | .0312 | 27.5    | 2208      | 2208          |
| 1980       | 280         | .025 | 33.0                     | 26.1     | 30.9    | 28.0     | 2000    | 85.7      | 90     | 63 | 14.3      | 101     | .696   | .0314 | 28.4    | 2434      | 2434          |
| 1981       | 209         | .020 | 38.4                     | 30.8     | 35.0    | 32.6     | 2000    | 86.7      | 86     | 64 | 14.0      | 102     | .744   | .0321 | 33.0    | 2857      | 2857          |
| 1982       | 157         | .016 | 40.3                     | 32.3     | 36.9    | 34.2     | 2000    | 87.3      | 86     | 61 | 14.5      | 100     | .715   | .0308 | 34.6    | 3022      | 3022          |
| 1983       | 94          | .009 | 43.6                     | 34.9     | 40.2    | 37.1     | 2000    | 86.0      | 84     | 61 | 14.4      | 100     | .728   | .0308 | 37.4    | 3216      | 3216          |
| 1984       | 92          | .007 | 44.3                     | 35.4     | 40.8    | 37.7     | 2000    | 73.5      | 86     | 67 | 13.5      | 103     | .776   | .0335 | 38.2    | 2802      | 2802          |
| 1985       | 62          | .004 | 44.4                     | 35.5     | 40.9    | 37.7     | 2000    | 60.2      | 89     | 69 | 13.3      | 105     | .782   | .0348 | 38.7    | 2343      | 2343          |
| 1986       | 58          | .004 | 36.6                     | 28.4     | 34.9    | 31.0     | 2000    | 72.3      | 76     | 56 | 15.4      | 98      | .750   | .0281 | 33.0    | 2253      | 2253          |
| 1987       | 106         | .007 | 40.0                     | 31.7     | 36.2    | 33.6     | 2000    | 79.9      | 70     | 55 | 15.9      | 97      | .799   | .0276 | 35.0    | 2735      | 2735          |
| 1988       | 186         | .012 | 43.6                     | 34.8     | 38.3    | 36.4     | 2000    | 91.0      | 77     | 59 | 15.0      | 99      | .770   | .0293 | 37.0    | 3341      | 3341          |
| 1989       | 135         | .009 | 43.5                     | 34.7     | 37.6    | 36.0     | 2000    | 92.4      | 76     | 59 | 15.2      | 99      | .782   | .0294 | 36.8    | 3357      | 3357          |
| 1990       | 71          | .006 | 47.5                     | 36.8     | 42.2    | 39.2     | 2000    | 92.7      | 72     | 58 | 15.2      | 99      | .813   | .0290 | 39.6    | 3667      | 3667          |
| 1991       | 142         | .011 | 47.1                     | 36.2     | 41.4    | 38.6     | 2000    | 88.8      | 67     | 58 | 15.3      | 98      | .866   | .0288 | 39.1    | 3475      | 3475          |
| 1992       | 120         | .010 | 47.3                     | 36.2     | 41.2    | 38.5     | 2000    | 88.8      | 64     | 56 | 15.6      | 98      | .886   | .0282 | 38.9    | 3461      | 3461          |
| 1993       | 111         | .008 | 48.6                     | 36.7     | 42.3    | 39.3     | 2000    | 91.1      | 67     | 58 | 15.2      | 99      | .870   | .0291 | 39.8    | 3625      | 3625          |
| 1994       | 97          | .007 | 48.9                     | 36.9     | 41.9    | 39.3     | 2000    | 91.9      | 62     | 56 | 15.7      | 98      | .902   | .0281 | 39.8    | 3656      | 3656          |
| 1995       | 33          | .002 | 53.7                     | 39.7     | 46.0    | 42.7     | 2000    | 99.9      | 63     | 57 | 15.4      | 98      | .900   | .0284 | 42.8    | 4272      | 4272          |
| 1996       | 37          | .003 | 52.3                     | 38.6     | 44.4    | 41.4     | 2000    | 99.9      | 72     | 60 | 14.8      | 99      | .846   | .0298 | 41.5    | 4151      | 4151          |
| 1997       | 13          | .001 | 54.4                     | 39.5     | 46.1    | 42.7     | 2000    | 90.5      | 61     | 55 | 15.7      | 97      | .902   | .0275 | 42.7    | 3866      | 3866          |
| 1998       | 11          | .001 | 53.6                     | 38.1     | 46.1    | 41.9     | 2000    | 89.7      | 60     | 55 | 15.7      | 97      | .917   | .0275 | 41.9    | 3761      | 3761          |
| 1999       | 8           | .001 | 50.3                     | 35.4     | 43.5    | 39.3     | 2000    | 88.0      | 61     | 55 | 15.7      | 97      | .902   | .0275 | 39.3    | 3458      | 3458          |
| 2000       | 11          | .001 | 61.6                     | 42.7     | 51.6    | 47.1     | 2000    | 68.1      | 61     | 61 | 13.2      | 100     | 1.005  | .0306 | 48.8    | 3150      | 3150          |
| 2001       | 2           | .000 | 75.6                     | 50.8     | 61.8    | 56.3     | 2000    | 50.0      | 61     | 67 | 11.0      | 103     | 1.098  | .0335 | 56.3    | 2814      | 2814          |
| 2002       | 1           | .000 | 75.3                     | 50.2     | 60.7    | 55.5     | 2000    | 50.0      | 61     | 67 | 11.0      | 103     | 1.098  | .0335 | 55.5    | 2776      | 2776          |
| 2003       | 0           | .000 | 75.1                     | 49.4     | 60.3    | 54.9     | 2000    | 50.0      | 61     | 67 | 11.0      | 103     | 1.098  | .0335 | 54.9    | 2747      | 2747          |
| 2004       | 0           | .000 | 73.8                     | 48.6     | 57.9    | 53.4     | 2000    | 50.0      | 61     | 67 | 11.0      | 103     | 1.098  | .0335 | 53.4    | 2672      | 2672          |
| 2005       | 0           | .000 | 74.3                     | 48.3     | 57.7    | 53.3     | 2000    | 50.0      | 61     | 73 | 11.2      | 107     | 1.197  | .0365 | 53.3    | 2663      | 2663          |
| 2006       | 0           | .000 | 73.8                     | 47.9     | 57.6    | 53.0     | 2000    | 50.0      | 61     | 73 | 11.0      | 107     | 1.197  | .0365 | 53.0    | 2649      | 2649          |

Percent of 2000 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |      |     | NUMBER OF VALVES |       |       |      |       | VVT   | HYBRID |
|------------|------------|-----|--------------|------|-----|---------------|------|-----|------------------|-------|-------|------|-------|-------|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR  | FIVE |       |       |        |
| 1975       | 100.0      |     | 100.0        |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1976       | 92.5       |     | 89.7         |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1977       | 100.0      |     | 87.0         |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1978       | 100.0      |     | 100.0        |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1979       | 100.0      |     | 100.0        |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1980       | 100.0      |     | 83.9         |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1981       | 82.7       |     | 90.6         |      |     |               |      |     |                  |       |       |      |       |       |        |
| 1982       | 85.1       |     | 93.0         | 2.5  |     |               |      |     |                  |       |       |      |       |       |        |
| 1983       | 91.9       |     | 100.0        |      |     | 8.1           |      |     |                  |       |       |      |       |       |        |
| 1984       | 98.7       |     | 96.7         | 3.1  |     | 1.3           |      |     |                  |       |       |      |       |       |        |
| 1985       | 100.0      |     | 94.7         | 5.3  |     | 11.9          |      |     |                  |       |       |      |       |       |        |
| 1986       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 1987       | 100.0      |     | 80.5         |      |     | 6.3           |      |     | 73.6             | 26.4  |       |      |       |       |        |
| 1988       | 93.9       | 6.1 | 99.0         |      |     | 14.0          |      |     | 82.5             | 17.5  |       |      |       |       |        |
| 1989       | 100.0      |     | 65.0         |      |     | 37.9          | 19.3 |     | 91.7             | 6.1   | 2.1   |      |       |       |        |
| 1990       | 100.0      |     | 89.8         |      |     | 50.5          | 46.9 |     | 97.0             | 2.6   |       |      |       |       |        |
| 1991       | 100.0      |     | 68.4         |      |     | 29.1          | 69.2 |     | 98.7             | 1.3   |       |      |       |       |        |
| 1992       | 100.0      |     | 53.4         |      |     | 13.0          | 86.6 |     | 99.6             |       |       |      |       |       |        |
| 1993       | 100.0      |     | 76.2         |      |     | 28.7          | 71.3 |     | 98.2             | 1.8   |       |      |       |       |        |
| 1994       | 100.0      |     | 52.3         |      |     | 1.5           | 98.5 |     | 98.5             | 1.5   |       |      |       |       |        |
| 1995       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 1996       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 1997       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 1998       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 1999       | 100.0      |     | 100.0        |      |     |               |      |     | 100.0            |       |       |      |       |       |        |
| 2000       | 52.4       |     | 100.0        |      |     | 52.4          | 47.6 |     | 47.6             |       | 52.4  |      | 52.4  | 52.4  |        |
| 2001       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |
| 2002       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |
| 2003       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |
| 2004       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |
| 2005       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |
| 2006       | 100.0      |     | 100.0        |      |     | 100.0         |      |     | 100.0            |       | 100.0 |      | 100.0 | 100.0 |        |

Table G-3

Characteristics of 1975 to 2007 2250 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY   |      |      |      | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|----------------|------|------|------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB            | ADJ  | ADJ  | ADJ  |         |           | CID    | HP  |           |         |        |       |         |           |               |
|            |             |      | 55/45 CITY HWY |      | COMP |      |         |           |        |     |           |         |        |       |         |           |               |
| 1975       | 375         | .037 | 28.3           | 21.6 | 28.4 | 24.2 | 2250    |           | 89     | 66  | 15.3      | 100     | .749   | .0294 | 27.4    |           |               |
| 1976       | 570         | .046 | 29.6           | 23.2 | 28.2 | 25.2 | 2250    |           | 91     | 66  | 15.3      | 100     | .736   | .0296 | 28.6    |           |               |
| 1977       | 851         | .060 | 32.1           | 25.0 | 30.8 | 27.3 | 2250    | 85.5      | 90     | 68  | 14.8      | 101     | .762   | .0303 | 31.3    | 2385      | 2683          |
| 1978       | 886         | .061 | 31.9           | 25.2 | 29.9 | 27.1 | 2250    | 85.6      | 89     | 67  | 15.0      | 100     | .758   | .0298 | 31.3    | 2394      | 2694          |
| 1979       | 699         | .050 | 31.4           | 24.7 | 29.6 | 26.7 | 2250    | 88.0      | 88     | 65  | 15.2      | 100     | .745   | .0291 | 30.5    | 2394      | 2694          |
| 1980       | 1162        | .103 | 32.4           | 25.6 | 30.4 | 27.5 | 2250    | 89.6      | 92     | 67  | 15.0      | 100     | .722   | .0296 | 31.6    | 2515      | 2830          |
| 1981       | 1191        | .113 | 34.4           | 27.2 | 32.4 | 29.3 | 2250    | 91.3      | 96     | 68  | 14.8      | 101     | .710   | .0302 | 33.5    | 2713      | 3052          |
| 1982       | 884         | .091 | 35.6           | 28.2 | 33.3 | 30.3 | 2250    | 92.5      | 94     | 66  | 15.0      | 100     | .703   | .0294 | 34.5    | 2833      | 3187          |
| 1983       | 985         | .096 | 36.2           | 28.6 | 34.1 | 30.8 | 2250    | 96.4      | 94     | 67  | 14.9      | 101     | .709   | .0298 | 35.1    | 3003      | 3379          |
| 1984       | 899         | .064 | 37.1           | 29.3 | 34.8 | 31.5 | 2250    | 97.2      | 94     | 68  | 14.8      | 101     | .721   | .0303 | 36.0    | 3113      | 3502          |
| 1985       | 840         | .058 | 37.5           | 29.8 | 34.9 | 31.9 | 2250    | 96.9      | 94     | 70  | 14.4      | 102     | .748   | .0312 | 36.3    | 3130      | 3521          |
| 1986       | 745         | .048 | 38.5           | 30.6 | 35.2 | 32.5 | 2250    | 93.1      | 93     | 68  | 14.8      | 101     | .737   | .0304 | 37.0    | 3068      | 3451          |
| 1987       | 461         | .031 | 39.0           | 30.9 | 35.3 | 32.8 | 2250    | 89.7      | 90     | 69  | 14.6      | 102     | .766   | .0308 | 37.2    | 2971      | 3343          |
| 1988       | 401         | .026 | 38.9           | 30.6 | 35.1 | 32.6 | 2250    | 91.7      | 90     | 73  | 14.0      | 104     | .808   | .0325 | 36.9    | 3013      | 3390          |
| 1989       | 280         | .019 | 38.7           | 30.2 | 34.8 | 32.2 | 2250    | 93.4      | 89     | 78  | 13.3      | 106     | .876   | .0347 | 36.6    | 3041      | 3422          |
| 1990       | 97          | .008 | 39.6           | 30.9 | 35.0 | 32.7 | 2250    | 87.6      | 86     | 77  | 13.5      | 105     | .891   | .0341 | 37.3    | 2856      | 3213          |
| 1991       | 129         | .010 | 38.1           | 29.3 | 33.9 | 31.3 | 2250    | 90.3      | 88     | 81  | 12.9      | 107     | .921   | .0360 | 35.9    | 2836      | 3190          |
| 1992       | 146         | .012 | 39.7           | 30.1 | 35.4 | 32.5 | 2250    | 93.2      | 89     | 82  | 12.8      | 108     | .924   | .0365 | 37.5    | 3107      | 3495          |
| 1993       | 136         | .010 | 38.7           | 29.2 | 34.3 | 31.5 | 2250    | 94.4      | 88     | 81  | 12.8      | 108     | .921   | .0362 | 36.0    | 3023      | 3401          |
| 1994       | 117         | .008 | 39.6           | 29.4 | 35.3 | 32.1 | 2250    | 95.5      | 86     | 76  | 13.6      | 105     | .885   | .0340 | 36.5    | 3104      | 3492          |
| 1995       | 161         | .011 | 40.4           | 30.0 | 35.6 | 32.6 | 2250    | 95.8      | 84     | 76  | 13.7      | 105     | .903   | .0339 | 37.0    | 3149      | 3543          |
| 1996       | 135         | .010 | 38.9           | 28.7 | 34.1 | 31.2 | 2250    | 95.7      | 90     | 78  | 13.5      | 106     | .869   | .0349 | 35.3    | 2998      | 3373          |
| 1997       | 87          | .006 | 39.3           | 28.7 | 34.4 | 31.4 | 2250    | 92.1      | 81     | 72  | 14.2      | 103     | .891   | .0322 | 35.5    | 2913      | 3278          |
| 1998       | 26          | .002 | 39.0           | 28.4 | 33.7 | 31.0 | 2250    | 89.8      | 80     | 80  | 13.0      | 107     | 1.002  | .0356 | 35.1    | 2799      | 3149          |
| 1999       | 23          | .002 | 38.6           | 27.8 | 33.4 | 30.6 | 2250    | 88.1      | 80     | 81  | 13.0      | 107     | 1.003  | .0359 | 34.5    | 2704      | 3042          |
| 2000       | 43          | .003 | 39.6           | 28.2 | 34.3 | 31.2 | 2250    | 92.3      | 83     | 89  | 12.2      | 111     | 1.063  | .0395 | 35.2    | 2905      | 3268          |
| 2001       | 24          | .002 | 39.3           | 27.9 | 33.6 | 30.7 | 2250    | 86.6      | 80     | 81  | 12.8      | 107     | 1.015  | .0361 | 35.2    | 2671      | 3005          |
| 2002       | 3           | .000 | 51.5           | 35.9 | 42.4 | 39.2 | 2250    | 77.9      | 78     | 88  | 10.6      | 111     | 1.125  | .0393 | 45.6    | 2967      | 3338          |
| 2003       | 2           | .000 | 50.8           | 35.0 | 41.8 | 38.5 | 2250    | 82.9      | 81     | 93  | 10.5      | 113     | 1.136  | .0414 | 44.4    | 3113      | 3502          |
| 2004       | 0           | .000 | 64.5           | 44.5 | 48.8 | 46.8 | 2250    | 53.2      | 63     | 68  | 11.1      | 101     | 1.073  | .0301 | 53.0    | 2467      | 2775          |
| 2005       | 5           | .000 | 34.1           | 23.6 | 29.0 | 26.4 | 2250    | 65.4      | 101    | 157 | 8.0       | 145     | 1.520  | .0698 | 31.4    | 1924      | 2165          |
| 2006       | 3           | .000 | 32.4           | 22.2 | 28.3 | 25.3 | 2250    | 50.0      | 105    | 177 | 7.1       | 155     | 1.668  | .0788 | 29.8    | 1323      | 1488          |
| 2007       | 2           | .000 | 30.4           | 20.8 | 26.8 | 23.9 | 2250    | 50.0      | 110    | 199 | 6.4       | 165     | 1.810  | .0885 | 26.8    | 1193      | 1342          |

Percent of 2250 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |      | FUEL METERING |      |     | NUMBER OF VALVES |       |       |      |       | VVT  | HYBRID |
|------------|------------|-----|--------------|------|------|---------------|------|-----|------------------|-------|-------|------|-------|------|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT  | PORT          | TBI  | DSL | TWO              | THREE | FOUR  | FIVE |       |      |        |
| 1975       | 46.1       |     | 90.3         |      |      | 22.6          |      |     |                  |       |       |      |       |      |        |
| 1976       | 37.5       |     | 72.2         |      |      | 5.7           |      |     |                  |       |       |      |       |      |        |
| 1977       | 43.0       |     | 78.9         |      |      | 14.4          |      | 1.9 |                  |       |       |      |       |      |        |
| 1978       | 41.6       |     | 80.6         |      |      | 16.7          |      | 4.1 |                  |       |       |      |       |      |        |
| 1979       | 44.8       |     | 87.0         |      |      | 15.6          |      | 5.5 |                  |       |       |      |       |      |        |
| 1980       | 57.9       |     | 80.7         |      |      | 14.9          |      | 9.3 |                  |       |       |      |       |      |        |
| 1981       | 69.8       |     | 82.7         | 5.0  |      | 6.5           |      | 9.2 |                  |       |       |      |       |      |        |
| 1982       | 79.8       |     | 74.9         | 6.8  |      | 5.7           |      | 4.7 |                  |       |       |      |       |      |        |
| 1983       | 93.2       | 1.6 | 72.6         | 10.2 |      | 8.0           | 12.1 | 1.4 |                  |       |       |      |       |      |        |
| 1984       | 91.1       |     | 71.8         | 13.5 |      | 6.8           | 16.5 | 2.6 |                  |       |       |      |       |      |        |
| 1985       | 97.1       | .3  | 65.3         | 21.6 |      | 1.6           | 8.6  |     |                  |       |       |      |       |      |        |
| 1986       | 96.3       |     | 65.5         | 20.1 |      | 7.7           | 6.3  |     | 94.4             | 5.6   |       |      |       |      |        |
| 1987       | 96.3       |     | 70.5         | 14.1 |      | 9.9           | 3.4  |     | 50.5             | 47.9  | 1.6   |      |       |      |        |
| 1988       | 100.0      |     | 69.9         | 18.0 |      | 9.4           | 28.1 |     | 51.6             | 20.4  | 28.0  |      |       |      |        |
| 1989       | 100.0      |     | 63.5         | 15.0 | 4.5  | 5.1           | 28.0 |     | 36.5             | 40.4  | 23.1  |      |       |      |        |
| 1990       | 95.4       | 4.6 | 70.3         | 3.6  | 2.5  | 39.4          | 20.3 |     | 33.7             | 46.9  | 19.3  |      |       |      |        |
| 1991       | 95.7       | 4.3 | 69.6         | 22.3 | 2.4  | 80.3          | 18.8 |     | 13.1             | 68.8  | 18.1  |      |       |      |        |
| 1992       | 99.8       | .2  | 80.0         | 12.5 | .2   | 97.8          | 2.0  |     | 22.1             | 57.3  | 20.6  |      |       |      |        |
| 1993       | 98.6       | 1.4 | 76.0         | 13.3 | .5   | 98.2          | 1.8  |     | 12.2             | 71.8  | 16.1  |      |       |      |        |
| 1994       | 100.0      |     | 79.9         | 16.6 |      | 96.5          | 3.5  |     | 37.7             | 54.8  | 7.5   |      |       |      |        |
| 1995       | 100.0      |     | 48.7         | 27.7 |      | 69.9          | 30.1 |     | 62.1             | 6.2   | 31.6  |      |       |      |        |
| 1996       | 100.0      |     | 29.5         | 32.8 |      | 63.1          | 36.9 |     | 56.8             | 4.8   | 38.4  |      |       |      |        |
| 1997       | 100.0      |     | 39.1         | 4.4  |      | 38.2          | 61.8 |     | 82.7             |       | 17.3  |      |       |      |        |
| 1998       | 100.0      |     | 22.8         |      |      | 100.0         |      |     |                  |       | 100.0 |      |       |      |        |
| 1999       | 100.0      |     | 23.5         |      |      | 100.0         |      |     |                  |       | 100.0 |      |       |      |        |
| 2000       | 40.6       |     | 39.3         |      |      | 100.0         |      |     |                  |       | 100.0 |      | 33.9  |      |        |
| 2001       | 100.0      |     | 15.3         |      | 6.2  | 100.0         |      |     | 65.6             |       | 34.4  |      | 16.5  | 6.2  |        |
| 2002       | 100.0      |     | 54.4         |      | 45.6 | 100.0         |      |     |                  |       | 100.0 |      | 100.0 | 45.6 |        |
| 2003       | 100.0      |     | 65.3         |      | 34.7 | 100.0         |      |     |                  |       | 100.0 |      | 100.0 | 34.7 |        |
| 2004       | 100.0      |     | 6.4          |      | 93.6 | 100.0         |      |     |                  |       | 100.0 |      | 100.0 | 93.6 |        |
| 2005       | 37.0       |     | 93.7         |      | 6.3  | 100.0         |      |     |                  |       | 100.0 |      | 100.0 | 6.3  |        |
| 2006       | 10.6       |     | 89.4         |      | 10.6 | 100.0         |      |     |                  |       | 100.0 |      | 100.0 | 10.6 |        |
| 2007       |            |     | 100.0        |      |      | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |      |        |

Table G-4

Characteristics of 1975 to 2007 2500 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1975       | 406         | .040 | 24.4                     | 18.8     | 23.8    | 20.8     | 2500    |           | 95     | 73  | 15.2      | 101     | .774   | .0292 | 26.1    |           |               |
| 1976       | 349         | .028 | 26.2                     | 20.2     | 25.8    | 22.4     | 2500    |           | 97     | 73  | 15.1      | 101     | .755   | .0294 | 28.3    |           |               |
| 1977       | 465         | .033 | 29.3                     | 23.0     | 27.9    | 24.9     | 2500    | 90.3      | 98     | 75  | 14.9      | 102     | .764   | .0299 | 31.5    | 2278      | 2847          |
| 1978       | 782         | .054 | 27.9                     | 22.1     | 26.2    | 23.8     | 2500    | 91.6      | 101    | 74  | 15.1      | 101     | .734   | .0297 | 30.0    | 2197      | 2746          |
| 1979       | 1078        | .078 | 27.9                     | 22.2     | 25.8    | 23.7     | 2500    | 90.6      | 101    | 72  | 15.4      | 100     | .710   | .0287 | 29.8    | 2163      | 2703          |
| 1980       | 1172        | .104 | 28.0                     | 22.3     | 26.0    | 23.8     | 2500    | 92.3      | 104    | 71  | 15.6      | 100     | .680   | .0283 | 30.0    | 2218      | 2772          |
| 1981       | 1531        | .145 | 29.4                     | 23.2     | 27.6    | 25.0     | 2500    | 94.8      | 108    | 76  | 14.8      | 102     | .711   | .0305 | 31.5    | 2398      | 2997          |
| 1982       | 1442        | .148 | 31.2                     | 24.4     | 29.7    | 26.6     | 2500    | 91.5      | 106    | 72  | 15.4      | 101     | .683   | .0289 | 33.6    | 2469      | 3086          |
| 1983       | 1240        | .120 | 32.2                     | 25.3     | 30.5    | 27.4     | 2500    | 94.8      | 106    | 75  | 15.0      | 102     | .705   | .0300 | 34.6    | 2643      | 3303          |
| 1984       | 1529        | .109 | 32.7                     | 25.6     | 31.2    | 27.8     | 2500    | 96.3      | 107    | 78  | 14.7      | 103     | .726   | .0312 | 35.2    | 2721      | 3401          |
| 1985       | 1699        | .118 | 32.8                     | 25.6     | 31.5    | 28.0     | 2500    | 98.0      | 109    | 82  | 14.0      | 105     | .760   | .0330 | 35.4    | 2789      | 3486          |
| 1986       | 1622        | .106 | 33.7                     | 26.3     | 31.8    | 28.6     | 2500    | 100.0     | 106    | 80  | 14.3      | 104     | .759   | .0321 | 36.0    | 2881      | 3602          |
| 1987       | 1975        | .133 | 33.4                     | 26.0     | 31.3    | 28.2     | 2500    | 98.9      | 104    | 78  | 14.6      | 103     | .749   | .0311 | 35.5    | 2809      | 3512          |
| 1988       | 1802        | .118 | 34.1                     | 26.5     | 31.5    | 28.6     | 2500    | 99.5      | 100    | 78  | 14.5      | 103     | .785   | .0314 | 36.0    | 2868      | 3585          |
| 1989       | 1335        | .092 | 34.4                     | 26.4     | 31.8    | 28.7     | 2500    | 98.0      | 98     | 85  | 13.6      | 106     | .865   | .0339 | 36.1    | 2829      | 3536          |
| 1990       | 942         | .075 | 35.1                     | 26.9     | 32.1    | 29.2     | 2500    | 94.0      | 97     | 89  | 13.0      | 108     | .920   | .0356 | 36.7    | 2767      | 3458          |
| 1991       | 748         | .059 | 35.8                     | 27.2     | 32.7    | 29.6     | 2500    | 94.2      | 96     | 91  | 12.8      | 109     | .957   | .0365 | 37.2    | 2818      | 3522          |
| 1992       | 525         | .043 | 35.9                     | 26.8     | 33.1    | 29.6     | 2500    | 94.1      | 97     | 94  | 12.5      | 110     | .980   | .0376 | 37.3    | 2816      | 3520          |
| 1993       | 517         | .039 | 36.5                     | 26.9     | 33.9    | 30.0     | 2500    | 93.9      | 99     | 93  | 12.5      | 110     | .956   | .0374 | 37.8    | 2844      | 3555          |
| 1994       | 424         | .030 | 36.0                     | 26.3     | 33.5    | 29.5     | 2500    | 94.4      | 100    | 91  | 12.8      | 109     | .930   | .0366 | 37.3    | 2826      | 3532          |
| 1995       | 484         | .032 | 37.5                     | 27.0     | 35.1    | 30.6     | 2500    | 94.1      | 100    | 99  | 12.0      | 113     | .991   | .0396 | 38.5    | 2907      | 3634          |
| 1996       | 329         | .025 | 37.4                     | 26.6     | 34.9    | 30.3     | 2500    | 95.3      | 103    | 102 | 11.8      | 114     | .999   | .0407 | 38.2    | 2931      | 3664          |
| 1997       | 329         | .023 | 37.0                     | 26.2     | 34.2    | 29.9     | 2500    | 94.8      | 101    | 98  | 12.2      | 112     | .976   | .0393 | 37.6    | 2872      | 3590          |
| 1998       | 207         | .014 | 37.3                     | 26.0     | 34.9    | 30.0     | 2500    | 99.6      | 104    | 97  | 12.1      | 112     | .948   | .0390 | 37.6    | 3001      | 3752          |
| 1999       | 253         | .017 | 35.9                     | 24.9     | 33.3    | 28.8     | 2500    | 93.1      | 105    | 103 | 11.7      | 114     | .983   | .0411 | 36.2    | 2721      | 3401          |
| 2000       | 166         | .010 | 36.7                     | 25.4     | 33.7    | 29.3     | 2500    | 95.2      | 103    | 107 | 11.3      | 116     | 1.049  | .0428 | 36.8    | 2834      | 3543          |
| 2001       | 214         | .014 | 36.2                     | 25.0     | 32.6    | 28.7     | 2500    | 99.8      | 100    | 102 | 11.7      | 114     | 1.032  | .0408 | 36.1    | 2889      | 3611          |
| 2002       | 149         | .009 | 37.3                     | 25.3     | 34.2    | 29.5     | 2500    | 100.1     | 106    | 101 | 11.7      | 114     | .968   | .0406 | 37.1    | 2975      | 3718          |
| 2003       | 39          | .002 | 40.8                     | 28.0     | 35.3    | 31.6     | 2500    | 93.6      | 94     | 112 | 10.9      | 119     | 1.185  | .0448 | 39.8    | 3017      | 3771          |
| 2004       | 7           | .000 | 40.8                     | 27.8     | 35.1    | 31.5     | 2500    | 92.6      | 94     | 112 | 10.8      | 119     | 1.197  | .0450 | 39.6    | 2975      | 3718          |
| 2005       | 10          | .001 | 41.1                     | 27.8     | 35.1    | 31.5     | 2500    | 95.7      | 93     | 111 | 11.0      | 118     | 1.193  | .0443 | 39.5    | 3052      | 3815          |
| 2006       | 2           | .000 | 41.6                     | 28.6     | 34.3    | 31.6     | 2500    | 97.4      | 91     | 106 | 11.3      | 116     | 1.165  | .0424 | 39.5    | 3079      | 3849          |
| 2007       | 81          | .005 | 42.4                     | 28.9     | 35.3    | 32.3     | 2500    | 99.1      | 91     | 106 | 11.3      | 116     | 1.165  | .0424 | 40.3    | 3197      | 3996          |

Percent of 2500 lb. Cars:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |      |     | NUMBER OF VALVES |       |       |      |       | VVT | HYBRID |
|------------|------------|------|--------------|------|-----|---------------|------|-----|------------------|-------|-------|------|-------|-----|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR  | FIVE |       |     |        |
| 1975       | 36.0       |      | 75.3         |      |     | 20.4          |      |     |                  |       |       |      |       |     |        |
| 1976       | 18.3       |      | 67.5         |      |     | 12.9          |      |     |                  |       |       |      |       |     |        |
| 1977       | 20.7       |      | 69.3         |      |     | 12.5          |      | 1.2 |                  |       |       |      |       |     |        |
| 1978       | 34.3       |      | 53.2         |      |     | 8.0           |      |     |                  |       |       |      |       |     |        |
| 1979       | 43.7       | 3.5  | 56.8         |      |     | 2.3           |      |     |                  |       |       |      |       |     |        |
| 1980       | 47.9       | 3.9  | 52.5         |      |     | 3.8           |      | 2.8 |                  |       |       |      |       |     |        |
| 1981       | 53.6       | 2.7  | 52.4         | .9   |     | 4.1           |      | 2.5 |                  |       |       |      |       |     |        |
| 1982       | 69.3       | .6   | 57.3         | 8.6  |     | 4.6           |      | 3.0 |                  |       |       |      |       |     |        |
| 1983       | 68.9       | 13.1 | 51.3         | 20.7 |     | 3.2           |      |     |                  |       |       |      |       |     |        |
| 1984       | 75.4       | 2.4  | 47.3         | 26.4 |     | 11.9          | 1.6  | 2.2 |                  |       |       |      |       |     |        |
| 1985       | 77.1       | 9.2  | 53.7         | 19.8 |     | 15.7          | 4.2  | 1.7 |                  |       |       |      |       |     |        |
| 1986       | 94.3       | .9   | 49.5         | 22.1 |     | 16.9          | 5.3  |     | 97.3             | 1.9   |       |      |       |     |        |
| 1987       | 97.7       | .8   | 47.7         | 32.6 |     | 13.6          | 19.5 |     | 79.3             | 18.1  | 2.7   |      |       |     |        |
| 1988       | 99.7       | .3   | 48.3         | 41.8 |     | 11.9          | 51.5 |     | 68.2             | 18.2  | 13.6  |      |       |     |        |
| 1989       | 97.8       | 2.2  | 52.0         | 37.6 |     | 24.7          | 47.3 |     | 55.3             | 20.2  | 24.5  |      |       |     |        |
| 1990       | 94.4       | .1   | 56.7         | 34.2 | .1  | 44.5          | 51.0 |     | 41.3             | 11.5  | 47.2  |      |       |     |        |
| 1991       | 94.7       | .1   | 62.7         | 36.6 | .1  | 64.0          | 36.0 |     | 33.9             | 23.0  | 43.1  |      | 5.1   |     |        |
| 1992       | 94.7       |      | 53.6         | 46.3 |     | 82.6          | 17.4 |     | 35.7             | 13.7  | 50.6  |      | 8.9   |     |        |
| 1993       | 95.8       | .0   | 61.9         | 32.8 | .0  | 76.7          | 23.3 |     | 44.9             | 19.3  | 35.8  |      | 4.6   |     |        |
| 1994       | 95.2       |      | 50.7         | 41.6 |     | 75.4          | 24.6 |     | 31.6             | 21.0  | 47.3  |      | 3.1   |     |        |
| 1995       | 95.9       |      | 48.4         | 45.6 |     | 100.0         |      |     | 33.6             | 19.0  | 47.4  |      | 1.4   |     |        |
| 1996       | 94.2       |      | 50.1         | 43.7 |     | 100.0         |      |     | 34.9             | 20.5  | 44.6  |      | 8.8   |     |        |
| 1997       | 94.4       |      | 47.0         | 53.0 |     | 100.0         |      |     | 39.6             | 21.6  | 38.8  |      | 1.8   |     |        |
| 1998       | 100.0      |      | 38.9         | 61.1 |     | 100.0         |      |     | 46.0             | 31.7  | 22.2  |      | 2.8   |     |        |
| 1999       | 100.0      |      | 41.9         | 58.1 |     | 100.0         |      |     | 40.1             | 32.5  | 27.4  |      |       |     |        |
| 2000       | 88.4       |      | 45.3         | 54.7 |     | 100.0         |      |     | 29.0             | 19.2  | 51.8  |      | 29.3  |     |        |
| 2001       | 96.8       |      | 36.1         | 63.9 |     | 100.0         |      |     | 26.6             | 12.8  | 60.6  |      | 26.6  |     |        |
| 2002       | 96.4       |      | 38.0         | 62.0 |     | 100.0         |      |     | 56.6             | 17.0  | 26.5  |      | 24.2  |     |        |
| 2003       | 86.7       |      | 23.9         | 76.1 |     | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |     |        |
| 2004       | 84.7       |      | 32.3         | 67.7 |     | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |     |        |
| 2005       | 90.7       |      | 15.0         | 85.0 |     | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |     |        |
| 2006       | 100.0      |      | 29.5         | 70.5 |     | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |     |        |
| 2007       | 100.0      |      | 21.9         | 78.1 |     | 100.0         |      |     |                  |       | 100.0 |      | 100.0 |     |        |

Table G-5

Characteristics of 1975 to 2007 2750 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1975       | 281         | .027 | 21.7                     | 16.6     | 21.6    | 18.5     | 2750    |           | 127    | 100 | 12.8      | 110     | .799   | .0365 | 25.9    |           |               |
| 1976       | 203         | .016 | 24.5                     | 19.0     | 23.7    | 20.9     | 2750    |           | 121    | 95  | 13.4      | 108     | .794   | .0348 | 29.1    |           |               |
| 1977       | 349         | .025 | 24.8                     | 19.2     | 24.1    | 21.1     | 2750    | 80.3      | 126    | 96  | 13.3      | 109     | .765   | .0350 | 29.4    | 1728      | 2375          |
| 1978       | 498         | .034 | 24.8                     | 19.3     | 24.1    | 21.2     | 2750    | 88.6      | 129    | 94  | 13.4      | 108     | .740   | .0344 | 29.4    | 1892      | 2602          |
| 1979       | 459         | .033 | 24.0                     | 18.5     | 23.7    | 20.5     | 2750    | 82.2      | 132    | 94  | 13.6      | 108     | .710   | .0341 | 28.4    | 1720      | 2365          |
| 1980       | 973         | .086 | 26.1                     | 19.9     | 26.0    | 22.2     | 2750    | 96.0      | 141    | 93  | 13.6      | 107     | .665   | .0339 | 30.9    | 2176      | 2992          |
| 1981       | 714         | .068 | 27.7                     | 21.6     | 26.7    | 23.6     | 2750    | 107.2     | 136    | 92  | 13.8      | 107     | .678   | .0333 | 32.7    | 2533      | 3482          |
| 1982       | 961         | .099 | 28.8                     | 22.0     | 28.5    | 24.5     | 2750    | 104.3     | 124    | 87  | 14.4      | 105     | .707   | .0316 | 33.8    | 2566      | 3528          |
| 1983       | 863         | .084 | 30.2                     | 23.6     | 28.9    | 25.7     | 2750    | 106.3     | 124    | 88  | 14.2      | 105     | .712   | .0320 | 35.6    | 2756      | 3790          |
| 1984       | 2050        | .146 | 30.1                     | 23.3     | 29.3    | 25.7     | 2750    | 102.7     | 127    | 89  | 14.1      | 106     | .705   | .0324 | 35.5    | 2653      | 3648          |
| 1985       | 1878        | .130 | 30.6                     | 23.7     | 29.6    | 26.0     | 2750    | 103.3     | 128    | 93  | 13.6      | 108     | .735   | .0340 | 36.0    | 2707      | 3722          |
| 1986       | 1899        | .124 | 30.6                     | 23.6     | 29.7    | 26.0     | 2750    | 102.0     | 125    | 95  | 13.4      | 108     | .769   | .0347 | 36.0    | 2667      | 3667          |
| 1987       | 1896        | .128 | 30.8                     | 23.6     | 29.7    | 26.1     | 2750    | 101.7     | 124    | 96  | 13.3      | 109     | .790   | .0350 | 36.0    | 2658      | 3655          |
| 1988       | 1519        | .099 | 31.5                     | 23.9     | 30.3    | 26.5     | 2750    | 102.1     | 123    | 97  | 13.1      | 109     | .804   | .0354 | 36.6    | 2717      | 3735          |
| 1989       | 1204        | .083 | 31.8                     | 24.0     | 30.4    | 26.6     | 2750    | 101.7     | 118    | 96  | 13.3      | 109     | .820   | .0349 | 36.8    | 2718      | 3737          |
| 1990       | 1081        | .086 | 31.9                     | 24.1     | 30.1    | 26.6     | 2750    | 98.7      | 111    | 100 | 12.9      | 110     | .919   | .0364 | 36.7    | 2635      | 3624          |
| 1991       | 1462        | .116 | 32.5                     | 24.1     | 31.0    | 27.0     | 2750    | 100.3     | 112    | 100 | 12.9      | 110     | .913   | .0364 | 37.3    | 2723      | 3744          |
| 1992       | 1280        | .105 | 32.6                     | 24.0     | 31.1    | 27.0     | 2750    | 98.5      | 110    | 106 | 12.3      | 113     | .972   | .0386 | 37.4    | 2680      | 3685          |
| 1993       | 1651        | .125 | 33.0                     | 24.0     | 31.4    | 27.2     | 2750    | 101.9     | 112    | 106 | 12.4      | 113     | .955   | .0384 | 37.6    | 2788      | 3833          |
| 1994       | 1521        | .108 | 33.6                     | 24.3     | 32.1    | 27.7     | 2750    | 101.2     | 109    | 108 | 12.1      | 114     | 1.001  | .0394 | 38.2    | 2815      | 3870          |
| 1995       | 1747        | .115 | 33.9                     | 24.4     | 32.1    | 27.8     | 2750    | 102.6     | 109    | 111 | 12.0      | 115     | 1.017  | .0403 | 38.4    | 2864      | 3938          |
| 1996       | 1240        | .094 | 33.9                     | 24.2     | 31.7    | 27.6     | 2750    | 101.5     | 108    | 117 | 11.5      | 118     | 1.086  | .0427 | 38.2    | 2815      | 3870          |
| 1997       | 1637        | .113 | 34.0                     | 24.1     | 31.8    | 27.6     | 2750    | 100.5     | 109    | 112 | 11.7      | 116     | 1.039  | .0409 | 38.1    | 2786      | 3831          |
| 1998       | 1622        | .112 | 34.5                     | 24.2     | 32.4    | 27.9     | 2750    | 100.5     | 110    | 117 | 11.3      | 118     | 1.071  | .0427 | 38.6    | 2818      | 3875          |
| 1999       | 1348        | .089 | 34.6                     | 24.2     | 32.0    | 27.8     | 2750    | 100.5     | 110    | 118 | 11.3      | 118     | 1.078  | .0428 | 38.4    | 2806      | 3858          |
| 2000       | 1318        | .080 | 34.3                     | 23.8     | 31.5    | 27.4     | 2750    | 100.5     | 108    | 120 | 11.2      | 119     | 1.118  | .0437 | 37.9    | 2767      | 3805          |
| 2001       | 1184        | .076 | 35.9                     | 24.7     | 33.0    | 28.6     | 2750    | 99.6      | 108    | 121 | 11.0      | 119     | 1.122  | .0440 | 39.6    | 2873      | 3950          |
| 2002       | 913         | .057 | 36.3                     | 24.8     | 33.0    | 28.7     | 2750    | 99.6      | 107    | 119 | 11.2      | 119     | 1.121  | .0434 | 39.8    | 2883      | 3964          |
| 2003       | 691         | .044 | 37.1                     | 25.1     | 33.5    | 29.2     | 2750    | 100.8     | 106    | 123 | 10.9      | 120     | 1.154  | .0447 | 40.3    | 2963      | 4075          |
| 2004       | 729         | .046 | 36.9                     | 24.8     | 33.2    | 28.9     | 2750    | 101.6     | 105    | 120 | 11.1      | 119     | 1.144  | .0436 | 39.9    | 2954      | 4062          |
| 2005       | 941         | .059 | 37.3                     | 25.0     | 33.1    | 29.0     | 2750    | 102.1     | 106    | 121 | 11.1      | 119     | 1.144  | .0439 | 40.1    | 2976      | 4092          |
| 2006       | 680         | .045 | 37.4                     | 24.9     | 33.2    | 29.1     | 2750    | 101.1     | 103    | 117 | 11.4      | 118     | 1.133  | .0427 | 40.1    | 2959      | 4069          |
| 2007       | 223         | .015 | 36.9                     | 24.7     | 32.9    | 28.8     | 2750    | 99.2      | 101    | 116 | 11.5      | 117     | 1.145  | .0421 | 39.8    | 2889      | 3972          |

Percent of 2750 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |      |     | NUMBER OF VALVES |       |       |      |      | VVT | HYBRID |
|------------|------------|-----|--------------|------|-----|---------------|------|-----|------------------|-------|-------|------|------|-----|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR  | FIVE |      |     |        |
| 1975       | .4         |     | 70.7         |      |     | 3.9           |      |     |                  |       |       |      |      |     |        |
| 1976       | .9         |     | 63.5         |      |     | 3.6           |      |     |                  |       |       |      |      |     |        |
| 1977       | 2.0        |     | 67.5         |      |     | 9.4           |      |     |                  |       |       |      |      |     |        |
| 1978       | .9         |     | 66.7         |      |     | 5.5           |      |     |                  |       |       |      |      |     |        |
| 1979       | 5.4        |     | 59.6         |      |     | 6.1           |      |     |                  |       |       |      |      |     |        |
| 1980       | 47.9       |     | 53.6         |      |     | 13.8          |      |     |                  |       |       |      |      |     |        |
| 1981       | 70.0       |     | 36.0         |      |     | 18.3          |      |     |                  |       |       |      |      |     |        |
| 1982       | 77.9       | 3.1 | 33.7         | 30.2 |     | 6.4           | 5.8  |     |                  |       |       |      |      |     |        |
| 1983       | 89.4       | 4.0 | 31.2         | 33.0 |     | 12.3          | 40.6 |     |                  |       |       |      |      |     |        |
| 1984       | 87.7       | 2.2 | 30.5         | 36.3 |     | 12.2          | 42.4 |     |                  |       |       |      |      |     |        |
| 1985       | 93.3       | 2.8 | 21.8         | 45.1 |     | 14.5          | 59.5 |     |                  |       |       |      |      |     |        |
| 1986       | 92.7       | 2.9 | 34.7         | 47.5 |     | 32.1          | 52.6 |     | 82.5             | 14.6  | 3.0   |      |      |     |        |
| 1987       | 95.7       | 1.9 | 31.5         | 44.0 |     | 24.7          | 58.4 |     | 73.6             | 19.5  | 6.9   |      |      |     |        |
| 1988       | 97.4       | 1.8 | 31.0         | 58.1 |     | 18.9          | 59.8 |     | 72.8             | 19.3  | 7.9   |      |      |     |        |
| 1989       | 97.5       | 1.1 | 29.6         | 59.2 |     | 21.8          | 63.8 |     | 77.4             | 9.4   | 13.1  |      |      |     |        |
| 1990       | 99.0       | .9  | 25.7         | 65.5 |     | 56.5          | 43.0 |     | 53.1             |       | 46.5  |      |      |     |        |
| 1991       | 99.3       | .2  | 28.1         | 68.0 |     | 63.5          | 36.1 |     | 53.0             | 2.7   | 44.2  |      | 6.6  |     |        |
| 1992       | 99.5       | .5  | 30.1         | 64.4 |     | 85.9          | 14.0 |     | 41.2             | 5.2   | 53.6  |      | 11.0 |     |        |
| 1993       | 98.4       | 1.6 | 27.3         | 69.4 |     | 93.8          | 6.2  |     | 47.1             | 1.7   | 51.2  |      | 12.1 |     |        |
| 1994       | 98.7       | .1  | 32.1         | 66.4 |     | 99.7          |      |     | 32.6             |       | 67.4  |      | 20.1 |     |        |
| 1995       | 99.9       | .0  | 27.6         | 72.4 |     | 100.0         |      |     | 25.3             |       | 74.7  |      | 13.3 |     |        |
| 1996       | 100.0      |     | 25.1         | 74.8 | .1  | 100.0         |      |     | 12.0             |       | 88.0  |      | 17.3 |     |        |
| 1997       | 100.0      |     | 22.1         | 77.5 | .4  | 100.0         |      |     | 24.3             |       | 75.7  |      | 16.8 |     |        |
| 1998       | 100.0      |     | 22.3         | 77.1 | .3  | 100.0         |      |     | 16.8             |       | 83.2  |      | 22.1 |     |        |
| 1999       | 100.0      |     | 19.1         | 80.3 | .2  | 100.0         |      |     | 16.7             |       | 83.3  |      | 20.8 |     |        |
| 2000       | 96.9       |     | 21.1         | 77.2 | .1  | 100.0         |      |     | 7.8              | 3.1   | 89.1  |      | 42.0 |     |        |
| 2001       | 94.2       |     | 20.1         | 78.4 | .1  | 100.0         |      |     | 6.9              |       | 93.1  |      | 65.9 |     |        |
| 2002       | 98.5       |     | 22.1         | 77.0 | .4  | 100.0         |      |     | 6.2              |       | 93.8  |      | 63.4 |     |        |
| 2003       | 98.2       |     | 21.3         | 77.4 | 1.3 | 100.0         |      |     |                  |       | 100.0 |      | 80.0 |     |        |
| 2004       | 98.8       |     | 23.0         | 75.7 | 1.3 | 100.0         |      |     |                  |       | 99.6  |      | 78.4 |     |        |
| 2005       | 99.6       |     | 16.8         | 82.2 | 1.0 | 100.0         |      |     | 6.8              |       | 93.2  |      | 75.4 |     |        |
| 2006       | 97.4       |     | 15.8         | 81.2 | 1.1 | 100.0         |      |     | 7.5              |       | 92.5  |      | 79.0 |     |        |
| 2007       | 92.6       |     | 27.4         | 53.1 |     | 100.0         |      |     |                  |       | 100.0 |      | 60.3 |     |        |

Table G-6

Characteristics of 1975 to 2007 3000 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1975       | 828         | .081 | 21.4                     | 16.6     | 20.9    | 18.3     | 3000    |           | 147    | 98  | 14.4      | 107     | .674   | .0329 | 27.8    |           |               |
| 1976       | 884         | .072 | 23.5                     | 18.1     | 23.1    | 20.1     | 3000    |           | 147    | 95  | 14.6      | 106     | .657   | .0317 | 30.4    |           |               |
| 1977       | 584         | .041 | 23.2                     | 18.1     | 22.3    | 19.8     | 3000    | 87.6      | 146    | 104 | 13.7      | 109     | .715   | .0347 | 30.1    | 1771      | 2656          |
| 1978       | 903         | .062 | 22.5                     | 17.7     | 21.3    | 19.2     | 3000    | 97.3      | 164    | 102 | 13.9      | 108     | .637   | .0339 | 29.1    | 1885      | 2828          |
| 1979       | 1286        | .093 | 22.1                     | 17.2     | 21.3    | 18.9     | 3000    | 96.3      | 162    | 100 | 13.9      | 108     | .634   | .0333 | 28.6    | 1834      | 2751          |
| 1980       | 2026        | .179 | 23.6                     | 18.3     | 23.0    | 20.1     | 3000    | 100.9     | 164    | 100 | 13.8      | 108     | .624   | .0334 | 30.3    | 2040      | 3060          |
| 1981       | 1626        | .154 | 24.4                     | 19.0     | 23.4    | 20.8     | 3000    | 103.8     | 165    | 101 | 13.9      | 108     | .619   | .0335 | 31.4    | 2168      | 3252          |
| 1982       | 1554        | .160 | 25.7                     | 19.7     | 25.4    | 21.9     | 3000    | 104.2     | 163    | 103 | 13.6      | 109     | .640   | .0343 | 33.3    | 2319      | 3479          |
| 1983       | 1515        | .147 | 25.8                     | 19.8     | 25.6    | 22.0     | 3000    | 105.4     | 161    | 104 | 13.4      | 110     | .658   | .0349 | 33.4    | 2346      | 3520          |
| 1984       | 1994        | .142 | 26.4                     | 20.2     | 26.2    | 22.5     | 3000    | 104.9     | 157    | 107 | 13.3      | 111     | .689   | .0357 | 34.1    | 2381      | 3571          |
| 1985       | 2037        | .141 | 27.1                     | 20.7     | 26.9    | 23.1     | 3000    | 106.7     | 153    | 110 | 13.0      | 112     | .727   | .0366 | 35.0    | 2489      | 3734          |
| 1986       | 2829        | .184 | 27.5                     | 21.0     | 27.1    | 23.4     | 3000    | 106.6     | 151    | 108 | 13.2      | 111     | .723   | .0359 | 35.3    | 2513      | 3770          |
| 1987       | 2743        | .185 | 27.9                     | 21.2     | 27.4    | 23.6     | 3000    | 106.3     | 147    | 111 | 12.9      | 112     | .767   | .0371 | 35.8    | 2539      | 3808          |
| 1988       | 3146        | .206 | 28.4                     | 21.4     | 27.8    | 24.0     | 3000    | 105.3     | 145    | 114 | 12.6      | 113     | .797   | .0380 | 36.3    | 2547      | 3820          |
| 1989       | 3402        | .235 | 28.4                     | 21.2     | 27.7    | 23.9     | 3000    | 105.2     | 146    | 118 | 12.3      | 115     | .815   | .0393 | 36.0    | 2525      | 3787          |
| 1990       | 2856        | .226 | 28.6                     | 21.3     | 27.7    | 23.9     | 3000    | 103.9     | 142    | 121 | 12.0      | 116     | .867   | .0405 | 36.0    | 2496      | 3745          |
| 1991       | 2714        | .216 | 28.1                     | 20.8     | 27.3    | 23.5     | 3000    | 104.0     | 145    | 124 | 11.8      | 118     | .868   | .0414 | 35.4    | 2457      | 3686          |
| 1992       | 1918        | .158 | 28.4                     | 20.8     | 27.6    | 23.6     | 3000    | 102.7     | 146    | 127 | 11.6      | 119     | .885   | .0423 | 35.6    | 2437      | 3656          |
| 1993       | 2021        | .153 | 28.7                     | 20.8     | 27.8    | 23.8     | 3000    | 102.6     | 147    | 125 | 11.8      | 118     | .863   | .0417 | 35.8    | 2454      | 3681          |
| 1994       | 2033        | .144 | 29.1                     | 21.0     | 28.0    | 24.0     | 3000    | 102.9     | 143    | 124 | 11.8      | 117     | .881   | .0413 | 36.2    | 2480      | 3720          |
| 1995       | 1933        | .128 | 29.7                     | 21.2     | 28.8    | 24.5     | 3000    | 103.6     | 139    | 135 | 10.9      | 122     | .988   | .0452 | 36.9    | 2545      | 3818          |
| 1996       | 1796        | .137 | 29.9                     | 21.1     | 29.2    | 24.6     | 3000    | 103.1     | 137    | 133 | 11.0      | 121     | .980   | .0444 | 37.0    | 2543      | 3815          |
| 1997       | 1765        | .122 | 30.0                     | 21.0     | 29.0    | 24.5     | 3000    | 102.5     | 136    | 134 | 11.0      | 121     | .993   | .0447 | 36.9    | 2520      | 3780          |
| 1998       | 1153        | .080 | 30.1                     | 21.0     | 28.8    | 24.5     | 3000    | 101.1     | 132    | 131 | 11.2      | 120     | .997   | .0436 | 37.0    | 2493      | 3740          |
| 1999       | 923         | .061 | 30.1                     | 20.9     | 28.4    | 24.4     | 3000    | 99.9      | 128    | 128 | 11.4      | 119     | 1.001  | .0426 | 36.8    | 2454      | 3680          |
| 2000       | 1470        | .089 | 30.6                     | 21.3     | 28.6    | 24.7     | 3000    | 102.0     | 126    | 127 | 11.6      | 119     | 1.007  | .0423 | 37.3    | 2543      | 3815          |
| 2001       | 1256        | .080 | 31.6                     | 21.8     | 29.1    | 25.3     | 3000    | 102.5     | 125    | 129 | 11.4      | 119     | 1.031  | .0429 | 38.3    | 2627      | 3940          |
| 2002       | 1588        | .099 | 31.4                     | 21.6     | 28.9    | 25.1     | 3000    | 104.2     | 124    | 132 | 11.2      | 121     | 1.064  | .0439 | 38.0    | 2641      | 3962          |
| 2003       | 1776        | .113 | 32.8                     | 22.4     | 29.8    | 26.0     | 3000    | 104.4     | 121    | 133 | 11.0      | 121     | 1.098  | .0443 | 39.5    | 2747      | 4120          |
| 2004       | 1577        | .100 | 33.5                     | 22.6     | 30.4    | 26.4     | 3000    | 105.5     | 123    | 135 | 10.7      | 122     | 1.103  | .0452 | 40.3    | 2841      | 4262          |
| 2005       | 1736        | .109 | 34.2                     | 23.0     | 30.6    | 26.8     | 3000    | 106.1     | 121    | 134 | 10.6      | 122     | 1.109  | .0448 | 41.3    | 2935      | 4403          |
| 2006       | 1768        | .118 | 34.8                     | 23.2     | 31.2    | 27.2     | 3000    | 104.9     | 120    | 138 | 10.4      | 123     | 1.150  | .0461 | 41.9    | 2935      | 4403          |
| 2007       | 1828        | .123 | 36.1                     | 24.2     | 32.0    | 28.1     | 3000    | 106.7     | 118    | 135 | 10.6      | 122     | 1.141  | .0450 | 43.5    | 3106      | 4659          |

Percent of 3000 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |      | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |      |        |
|------------|------------|-----|--------------|------|------|---------------|------|-----|------------------|-------|------|------|------|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT  | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE | VVT  | HYBRID |
| 1975       | 3.5        |     | 48.6         |      |      | 17.1          |      |     |                  |       |      |      |      |        |
| 1976       | 2.5        |     | 50.4         |      |      | 9.8           |      |     |                  |       |      |      |      |        |
| 1977       | 3.6        |     | 51.3         |      |      | 22.4          |      |     |                  |       |      |      |      |        |
| 1978       | 4.4        |     | 35.2         |      |      | 18.0          |      |     |                  |       |      |      |      |        |
| 1979       | 2.6        |     | 39.7         |      |      | 14.1          |      |     |                  |       |      |      |      |        |
| 1980       | 32.0       |     | 30.9         | 1.0  |      | 7.5           |      |     |                  |       |      |      |      |        |
| 1981       | 45.4       |     | 21.6         | .7   |      | 11.9          |      |     |                  |       |      |      |      |        |
| 1982       | 53.2       |     | 17.0         | 65.1 |      | 18.6          | 26.9 |     |                  |       |      |      |      |        |
| 1983       | 63.0       |     | 17.2         | 62.7 |      | 22.7          | 26.5 |     |                  |       |      |      |      |        |
| 1984       | 73.9       | .2  | 16.2         | 58.2 |      | 27.6          | 29.6 |     |                  |       |      |      |      |        |
| 1985       | 77.9       | .5  | 14.4         | 53.5 |      | 37.5          | 34.7 |     |                  |       |      |      |      |        |
| 1986       | 82.2       | 1.0 | 15.1         | 56.4 |      | 35.7          | 49.0 |     | 97.7             |       | 2.3  |      |      |        |
| 1987       | 84.1       | 1.9 | 15.7         | 63.5 |      | 49.6          | 49.5 |     | 89.4             |       | 10.6 |      |      |        |
| 1988       | 90.6       | 1.2 | 17.2         | 66.8 |      | 69.9          | 30.1 |     | 77.4             | 8.1   | 14.6 |      |      |        |
| 1989       | 91.3       | 1.4 | 16.4         | 71.5 |      | 73.4          | 24.0 |     | 66.4             | 18.7  | 15.0 |      |      |        |
| 1990       | 95.0       | .7  | 20.8         | 68.8 |      | 74.9          | 25.0 |     | 53.3             | 10.7  | 36.0 |      |      |        |
| 1991       | 93.3       | 1.5 | 18.4         | 72.4 |      | 75.7          | 24.3 |     | 58.2             | 8.0   | 33.8 |      |      |        |
| 1992       | 94.2       | .7  | 20.3         | 66.3 |      | 87.2          | 12.8 |     | 63.5             | 7.1   | 29.4 |      |      |        |
| 1993       | 94.6       | .9  | 19.7         | 68.9 |      | 86.8          | 13.2 |     | 61.8             | 1.2   | 37.0 |      |      |        |
| 1994       | 99.1       | .3  | 16.4         | 75.6 |      | 89.5          | 10.5 |     | 62.8             |       | 37.2 |      |      |        |
| 1995       | 95.4       | 2.6 | 22.1         | 77.9 |      | 98.6          | 1.4  |     | 34.5             |       | 65.5 |      | 9.9  |        |
| 1996       | 96.7       | 1.8 | 20.7         | 79.3 |      | 100.0         |      |     | 38.1             |       | 61.9 |      | 12.4 |        |
| 1997       | 95.5       | 2.3 | 19.8         | 80.1 |      | 99.9          |      |     | 30.9             |       | 68.9 |      | 7.6  |        |
| 1998       | 94.6       | 2.7 | 24.2         | 75.5 |      | 99.0          |      | 1.0 | 42.6             |       | 57.2 |      | 21.0 |        |
| 1999       | 94.4       | 2.5 | 26.9         | 72.0 |      | 99.0          |      |     | 50.1             |       | 49.4 |      | 24.9 |        |
| 2000       | 95.7       | 1.2 | 21.2         | 77.1 |      | 98.6          |      | 1.4 | 51.8             |       | 45.2 | 2.9  | 17.3 |        |
| 2001       | 95.9       | .7  | 22.8         | 74.8 | 1.3  | 98.6          |      | 1.4 | 43.5             |       | 51.1 | 5.5  | 26.4 |        |
| 2002       | 98.2       | .2  | 19.2         | 78.9 | 1.5  | 98.9          |      | 1.1 | 35.6             |       | 63.0 | 1.4  | 27.7 | 1.4    |
| 2003       | 97.0       | 1.4 | 19.4         | 77.9 | 2.7  | 99.0          |      |     | 14.4             |       | 84.2 | 1.4  | 40.1 | 2.6    |
| 2004       | 97.6       | 1.2 | 15.2         | 79.7 | 5.1  | 99.4          |      |     | 7.3              |       | 92.1 |      | 46.5 | 4.5    |
| 2005       | 98.0       | .8  | 15.8         | 75.7 | 8.5  | 99.7          |      |     | 8.1              |       | 91.6 |      | 62.7 | 8.5    |
| 2006       | 97.4       | 1.1 | 17.5         | 74.9 | 6.8  | 99.9          |      |     | 5.0              |       | 95.0 |      | 74.2 | 6.7    |
| 2007       | 98.1       | .6  | 18.2         | 64.6 | 15.1 | 100.0         |      |     | 1.6              |       | 98.4 |      | 75.4 | 9.4    |

Table G-7

Characteristics of 1975 to 2007 3500 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45    | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1975       | 1029        | .101 | 18.2         | 14.3     | 17.1    | 15.5     | 3500    |           | 227    | 102 | 15.6      | 104     | .463   | .0292 | 27.6    |           |               |
| 1976       | 933         | .076 | 19.4         | 15.5     | 18.0    | 16.5     | 3500    |           | 231    | 100 | 15.8      | 104     | .447   | .0286 | 29.2    |           |               |
| 1977       | 724         | .051 | 20.2         | 16.1     | 18.8    | 17.2     | 3500    | 102.4     | 232    | 104 | 15.3      | 105     | .458   | .0297 | 30.5    | 1789      | 3132          |
| 1978       | 2991        | .207 | 20.2         | 15.8     | 19.2    | 17.2     | 3500    | 111.1     | 257    | 119 | 13.8      | 111     | .468   | .0342 | 30.2    | 1919      | 3358          |
| 1979       | 2684        | .193 | 20.2         | 16.0     | 18.8    | 17.2     | 3500    | 112.3     | 252    | 120 | 13.7      | 111     | .477   | .0342 | 30.1    | 1934      | 3385          |
| 1980       | 2147        | .190 | 20.7         | 16.3     | 19.8    | 17.7     | 3500    | 111.3     | 244    | 115 | 14.1      | 109     | .477   | .0329 | 31.1    | 1980      | 3465          |
| 1981       | 1829        | .173 | 22.2         | 17.3     | 21.4    | 18.9     | 3500    | 113.3     | 234    | 113 | 14.3      | 108     | .487   | .0322 | 33.3    | 2160      | 3780          |
| 1982       | 1421        | .146 | 22.4         | 17.3     | 21.8    | 19.1     | 3500    | 112.0     | 237    | 118 | 14.0      | 110     | .505   | .0338 | 33.8    | 2170      | 3798          |
| 1983       | 1669        | .162 | 22.8         | 17.5     | 22.6    | 19.5     | 3500    | 111.8     | 238    | 122 | 13.6      | 112     | .524   | .0348 | 34.3    | 2199      | 3848          |
| 1984       | 2220        | .158 | 22.9         | 17.5     | 22.8    | 19.5     | 3500    | 109.6     | 236    | 127 | 13.2      | 113     | .556   | .0363 | 34.5    | 2167      | 3792          |
| 1985       | 2461        | .170 | 23.4         | 17.7     | 23.7    | 20.0     | 3500    | 111.9     | 228    | 133 | 12.7      | 116     | .603   | .0379 | 35.1    | 2246      | 3930          |
| 1986       | 2760        | .180 | 24.4         | 18.2     | 25.1    | 20.8     | 3500    | 113.5     | 225    | 141 | 12.0      | 119     | .654   | .0404 | 36.5    | 2377      | 4160          |
| 1987       | 2520        | .170 | 24.6         | 18.0     | 25.7    | 20.9     | 3500    | 114.0     | 217    | 147 | 11.6      | 121     | .703   | .0421 | 36.7    | 2399      | 4199          |
| 1988       | 2693        | .176 | 25.4         | 18.5     | 26.5    | 21.5     | 3500    | 113.5     | 212    | 151 | 11.4      | 122     | .732   | .0431 | 37.9    | 2464      | 4311          |
| 1989       | 2688        | .186 | 25.1         | 18.2     | 26.2    | 21.3     | 3500    | 114.2     | 207    | 151 | 11.4      | 122     | .751   | .0431 | 37.4    | 2444      | 4277          |
| 1990       | 2704        | .214 | 25.5         | 18.3     | 26.4    | 21.5     | 3500    | 113.0     | 194    | 150 | 11.4      | 122     | .795   | .0429 | 37.7    | 2442      | 4274          |
| 1991       | 2137        | .170 | 25.4         | 18.2     | 26.0    | 21.3     | 3500    | 111.2     | 195    | 156 | 11.1      | 124     | .822   | .0446 | 37.4    | 2386      | 4175          |
| 1992       | 2822        | .232 | 25.6         | 18.2     | 26.2    | 21.4     | 3500    | 113.6     | 192    | 155 | 11.2      | 123     | .829   | .0442 | 37.6    | 2447      | 4282          |
| 1993       | 2848        | .216 | 26.0         | 18.5     | 26.5    | 21.7     | 3500    | 114.2     | 194    | 156 | 11.1      | 124     | .825   | .0447 | 38.1    | 2494      | 4364          |
| 1994       | 2770        | .196 | 26.1         | 18.4     | 26.5    | 21.7     | 3500    | 111.7     | 191    | 156 | 11.1      | 124     | .837   | .0445 | 38.1    | 2437      | 4265          |
| 1995       | 3628        | .240 | 26.4         | 18.5     | 26.9    | 22.0     | 3500    | 111.9     | 188    | 166 | 10.6      | 127     | .906   | .0473 | 38.5    | 2465      | 4314          |
| 1996       | 3154        | .240 | 26.5         | 18.5     | 26.6    | 21.9     | 3500    | 111.5     | 181    | 164 | 10.7      | 127     | .925   | .0470 | 38.5    | 2455      | 4296          |
| 1997       | 3196        | .221 | 26.7         | 18.5     | 26.8    | 22.0     | 3500    | 112.4     | 181    | 170 | 10.4      | 129     | .957   | .0486 | 38.7    | 2487      | 4352          |
| 1998       | 3995        | .276 | 27.1         | 18.6     | 27.0    | 22.3     | 3500    | 111.5     | 178    | 170 | 10.4      | 129     | .969   | .0485 | 39.1    | 2494      | 4364          |
| 1999       | 4610        | .303 | 27.2         | 18.6     | 26.8    | 22.3     | 3500    | 110.8     | 174    | 170 | 10.4      | 129     | .993   | .0486 | 39.1    | 2475      | 4332          |
| 2000       | 4666        | .282 | 27.1         | 18.5     | 26.7    | 22.2     | 3500    | 111.5     | 175    | 174 | 10.2      | 131     | 1.013  | .0498 | 38.9    | 2479      | 4338          |
| 2001       | 4315        | .276 | 27.2         | 18.5     | 26.5    | 22.1     | 3500    | 110.6     | 174    | 177 | 10.1      | 131     | 1.029  | .0505 | 38.9    | 2461      | 4306          |
| 2002       | 4295        | .266 | 27.7         | 18.7     | 26.6    | 22.4     | 3500    | 111.7     | 176    | 183 | 9.8       | 134     | 1.063  | .0524 | 39.4    | 2516      | 4402          |
| 2003       | 4119        | .261 | 28.0         | 18.7     | 26.9    | 22.6     | 3500    | 111.1     | 175    | 185 | 9.8       | 134     | 1.076  | .0528 | 39.7    | 2529      | 4425          |
| 2004       | 3561        | .227 | 28.1         | 18.7     | 26.9    | 22.6     | 3500    | 110.4     | 176    | 188 | 9.6       | 136     | 1.097  | .0538 | 39.8    | 2516      | 4403          |
| 2005       | 3264        | .205 | 28.9         | 19.2     | 27.3    | 23.1     | 3500    | 111.8     | 170    | 185 | 9.8       | 134     | 1.111  | .0528 | 40.7    | 2608      | 4563          |
| 2006       | 2998        | .199 | 29.1         | 19.3     | 27.4    | 23.2     | 3500    | 111.4     | 167    | 189 | 9.6       | 136     | 1.144  | .0539 | 41.0    | 2618      | 4581          |
| 2007       | 2542        | .171 | 29.7         | 19.7     | 27.9    | 23.7     | 3500    | 109.6     | 163    | 191 | 9.6       | 136     | 1.185  | .0545 | 41.7    | 2627      | 4597          |

Percent of 3500 lb. Cars:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |      | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |      | VVT | HYBRID |
|------------|------------|-----|--------------|------|------|---------------|------|-----|------------------|-------|------|------|------|-----|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT  | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE |      |     |        |
| 1975       |            |     | 19.3         |      |      | 6.5           |      | 1.9 |                  |       |      |      |      |     |        |
| 1976       |            |     | 17.2         |      |      | 5.7           |      | 1.4 |                  |       |      |      |      |     |        |
| 1977       |            |     | 16.2         |      |      | 6.1           |      | 2.7 |                  |       |      |      |      |     |        |
| 1978       |            |     | 4.7          | 6.4  |      | 1.4           |      |     |                  |       |      |      |      |     |        |
| 1979       |            |     | 4.0          | 16.9 |      | 1.3           |      |     |                  |       |      |      |      |     |        |
| 1980       | .2         | .4  | 3.1          | 37.9 |      | 2.2           |      | 1.7 |                  |       |      |      |      |     |        |
| 1981       |            | .5  | 3.4          | 84.4 |      | 3.0           |      | 2.5 |                  |       |      |      |      |     |        |
| 1982       | .5         | .6  | 6.9          | 88.4 |      | 5.1           | 4.4  | 4.9 |                  |       |      |      |      |     |        |
| 1983       | .9         | .8  | 8.7          | 83.4 |      | 9.1           | 5.3  | 2.6 |                  |       |      |      |      |     |        |
| 1984       | 8.2        | .2  | 7.7          | 88.9 |      | 23.5          | 12.1 | 1.4 |                  |       |      |      |      |     |        |
| 1985       | 35.2       |     | 8.3          | 88.8 |      | 37.6          | 32.3 |     |                  |       |      |      |      |     |        |
| 1986       | 49.2       | .5  | 8.6          | 88.5 |      | 59.4          | 20.7 |     | 98.9             |       | 1.1  |      |      |     |        |
| 1987       | 64.1       | .4  | 8.8          | 87.8 |      | 77.1          | 15.0 |     | 96.9             |       | 3.1  |      |      |     |        |
| 1988       | 72.8       | .2  | 7.9          | 89.7 |      | 88.2          | 11.4 |     | 93.9             | 1.1   | 5.0  |      |      |     |        |
| 1989       | 80.6       | .2  | 6.8          | 88.2 |      | 87.8          | 12.2 |     | 92.3             |       | 6.9  |      |      |     |        |
| 1990       | 84.5       | 1.9 | 6.3          | 89.6 |      | 97.2          | 2.8  |     | 87.4             |       | 12.3 |      |      |     |        |
| 1991       | 79.7       | 2.7 | 7.4          | 88.2 |      | 96.0          | 3.9  |     | 83.6             |       | 16.1 |      |      |     |        |
| 1992       | 78.6       | 1.7 | 5.2          | 92.2 |      | 98.0          | 1.9  |     | 76.0             |       | 24.0 |      | 2.4  |     |        |
| 1993       | 87.5       | 1.6 | 4.6          | 93.7 |      | 99.6          |      |     | 75.6             |       | 24.4 |      | 2.6  |     |        |
| 1994       | 84.8       | .9  | 7.4          | 91.5 |      | 100.0         |      |     | 73.8             |       | 26.2 |      | 9.0  |     |        |
| 1995       | 79.4       | 1.4 | 7.1          | 91.8 |      | 100.0         |      |     | 62.6             |       | 37.4 |      | 10.5 |     |        |
| 1996       | 89.0       | 2.5 | 7.3          | 91.8 |      | 99.8          |      |     | 53.0             |       | 47.0 |      | 12.3 |     |        |
| 1997       | 88.8       | 2.9 | 6.2          | 93.8 |      | 99.9          |      |     | 51.3             |       | 48.2 |      | 12.5 |     |        |
| 1998       | 88.0       | 2.7 | 5.7          | 94.2 |      | 100.0         |      |     | 44.9             |       | 53.5 | 1.3  | 17.8 |     |        |
| 1999       | 90.0       | 2.6 | 5.9          | 93.7 |      | 100.0         |      |     | 36.6             |       | 60.4 | 2.4  | 16.5 |     |        |
| 2000       | 88.4       | 2.5 | 6.4          | 93.0 |      | 100.0         |      |     | 34.3             |       | 63.6 | 1.8  | 22.5 |     |        |
| 2001       | 88.8       | 1.9 | 7.1          | 92.3 |      | 99.9          |      |     | 35.2             | 1.2   | 60.8 | 2.8  | 21.3 |     |        |
| 2002       | 88.3       | 2.6 | 7.7          | 92.0 | .1   | 99.7          |      |     | 32.3             | 1.1   | 63.2 | 3.4  | 33.6 |     |        |
| 2003       | 87.1       | 1.7 | 8.4          | 91.3 | .2   | 99.7          |      |     | 33.4             |       | 62.3 | 3.4  | 40.7 |     |        |
| 2004       | 84.1       | 2.6 | 8.6          | 90.7 | .2   | 99.6          |      |     | 33.4             |       | 63.3 | 2.8  | 37.6 |     |        |
| 2005       | 85.9       | 4.4 | 7.2          | 92.4 | .1   | 99.4          |      |     | 29.4             |       | 68.8 | 1.3  | 47.3 | .6  |        |
| 2006       | 86.3       | 3.9 | 9.4          | 90.8 |      | 98.6          |      | 1.4 | 21.8             |       | 78.1 |      | 57.7 |     |        |
| 2007       | 84.4       | 4.7 | 14.3         | 71.4 | 14.2 | 100.0         |      |     | 12.3             | 1.5   | 86.3 |      | 70.8 | .1  |        |



Table G-8

Characteristics of 1975 to 2007 4000 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | <---- LAB 55/45 | FUEL ECONOMY ADJ CITY | ----> ADJ HWY | ----> ADJ COMP | WGHT LB | VOL CU-FT | ENGINE CID | HP  | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|-----------------|-----------------------|---------------|----------------|---------|-----------|------------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
| 1975       | 1089        | .106 | 15.6            | 12.4                  | 14.5          | 13.3           | 4000    |           | 292        | 130 | 14.5      | 110     | .443   | .0325 | 27.0    |           |               |
| 1976       | 1977        | .160 | 17.7            | 14.0                  | 16.5          | 15.0           | 4000    |           | 280        | 122 | 15.4      | 108     | .433   | .0305 | 30.4    |           |               |
| 1977       | 3323        | .235 | 17.9            | 14.2                  | 16.7          | 15.2           | 4000    | 113.5     | 293        | 133 | 14.2      | 111     | .453   | .0333 | 30.6    | 1739      | 3477          |
| 1978       | 2235        | .155 | 18.0            | 14.1                  | 17.1          | 15.3           | 4000    | 114.9     | 305        | 145 | 13.1      | 115     | .474   | .0362 | 30.9    | 1782      | 3563          |
| 1979       | 2643        | .190 | 17.8            | 14.0                  | 16.7          | 15.1           | 4000    | 119.6     | 311        | 147 | 13.0      | 116     | .472   | .0367 | 30.5    | 1830      | 3660          |
| 1980       | 1316        | .116 | 18.8            | 14.6                  | 18.3          | 16.1           | 4000    | 122.4     | 302        | 136 | 13.9      | 112     | .453   | .0339 | 32.6    | 2003      | 4007          |
| 1981       | 1312        | .124 | 20.3            | 15.5                  | 20.3          | 17.3           | 4000    | 123.2     | 295        | 133 | 14.0      | 112     | .458   | .0334 | 35.2    | 2171      | 4343          |
| 1982       | 1215        | .125 | 20.6            | 15.6                  | 20.9          | 17.6           | 4000    | 126.4     | 287        | 135 | 13.8      | 112     | .479   | .0339 | 35.6    | 2244      | 4487          |
| 1983       | 1445        | .140 | 20.3            | 15.4                  | 20.6          | 17.4           | 4000    | 126.7     | 287        | 139 | 13.4      | 113     | .490   | .0348 | 35.0    | 2211      | 4422          |
| 1984       | 1702        | .121 | 20.6            | 15.5                  | 20.9          | 17.6           | 4000    | 126.3     | 289        | 139 | 13.4      | 113     | .485   | .0347 | 35.3    | 2225      | 4449          |
| 1985       | 1671        | .116 | 21.7            | 16.4                  | 22.3          | 18.6           | 4000    | 125.3     | 294        | 148 | 12.8      | 116     | .508   | .0371 | 37.3    | 2337      | 4674          |
| 1986       | 918         | .060 | 22.1            | 16.5                  | 22.6          | 18.8           | 4000    | 124.9     | 299        | 154 | 12.4      | 118     | .520   | .0384 | 37.8    | 2366      | 4732          |
| 1987       | 912         | .061 | 21.7            | 16.3                  | 22.0          | 18.5           | 4000    | 122.2     | 294        | 157 | 12.3      | 119     | .551   | .0392 | 37.1    | 2275      | 4549          |
| 1988       | 829         | .054 | 22.2            | 16.4                  | 22.7          | 18.8           | 4000    | 125.8     | 289        | 160 | 12.1      | 120     | .569   | .0400 | 37.9    | 2391      | 4782          |
| 1989       | 860         | .060 | 23.0            | 16.8                  | 23.5          | 19.4           | 4000    | 125.1     | 275        | 154 | 12.5      | 118     | .576   | .0386 | 39.1    | 2447      | 4894          |
| 1990       | 986         | .078 | 23.0            | 16.7                  | 23.7          | 19.4           | 4000    | 123.1     | 263        | 165 | 12.0      | 122     | .643   | .0412 | 39.0    | 2400      | 4799          |
| 1991       | 1114        | .089 | 23.3            | 16.7                  | 24.1          | 19.6           | 4000    | 124.9     | 265        | 186 | 10.7      | 129     | .718   | .0466 | 39.4    | 2459      | 4917          |
| 1992       | 1166        | .096 | 23.4            | 16.7                  | 24.1          | 19.7           | 4000    | 123.4     | 258        | 198 | 10.2      | 133     | .788   | .0495 | 39.5    | 2440      | 4880          |
| 1993       | 1059        | .080 | 23.6            | 16.7                  | 24.1          | 19.7           | 4000    | 121.9     | 253        | 198 | 10.3      | 133     | .806   | .0494 | 39.6    | 2414      | 4828          |
| 1994       | 1342        | .095 | 23.5            | 16.6                  | 24.0          | 19.6           | 4000    | 121.5     | 248        | 204 | 10.0      | 135     | .842   | .0510 | 39.3    | 2389      | 4779          |
| 1995       | 1281        | .085 | 23.5            | 16.4                  | 24.2          | 19.6           | 4000    | 121.3     | 253        | 219 | 9.4       | 140     | .885   | .0547 | 39.3    | 2386      | 4772          |
| 1996       | 1092        | .083 | 23.9            | 16.6                  | 24.6          | 19.9           | 4000    | 124.1     | 249        | 218 | 9.5       | 139     | .885   | .0546 | 39.9    | 2476      | 4952          |
| 1997       | 1259        | .087 | 23.8            | 16.4                  | 24.3          | 19.8           | 4000    | 123.1     | 248        | 225 | 9.3       | 142     | .913   | .0562 | 39.6    | 2439      | 4878          |
| 1998       | 918         | .063 | 23.8            | 16.4                  | 24.0          | 19.7           | 4000    | 123.0     | 247        | 234 | 8.9       | 145     | .963   | .0585 | 39.5    | 2426      | 4853          |
| 1999       | 1179        | .077 | 24.2            | 16.4                  | 24.5          | 19.9           | 4000    | 123.5     | 238        | 233 | 9.0       | 144     | 1.003  | .0582 | 40.0    | 2468      | 4937          |
| 2000       | 1382        | .083 | 24.4            | 16.5                  | 24.5          | 20.0           | 4000    | 122.3     | 234        | 240 | 8.8       | 147     | 1.036  | .0600 | 40.2    | 2459      | 4917          |
| 2001       | 1331        | .085 | 24.6            | 16.6                  | 24.5          | 20.2           | 4000    | 121.2     | 227        | 226 | 9.2       | 142     | 1.021  | .0565 | 40.5    | 2455      | 4909          |
| 2002       | 1256        | .078 | 24.8            | 16.7                  | 24.3          | 20.2           | 4000    | 116.6     | 223        | 230 | 9.1       | 143     | 1.052  | .0574 | 40.5    | 2369      | 4737          |
| 2003       | 1013        | .064 | 25.1            | 16.8                  | 24.5          | 20.4           | 4000    | 114.0     | 215        | 233 | 9.0       | 144     | 1.106  | .0584 | 40.9    | 2343      | 4685          |
| 2004       | 1286        | .082 | 25.4            | 16.8                  | 24.9          | 20.6           | 4000    | 113.7     | 211        | 238 | 8.8       | 146     | 1.147  | .0596 | 41.4    | 2359      | 4718          |
| 2005       | 1636        | .103 | 25.7            | 16.9                  | 25.0          | 20.7           | 4000    | 115.1     | 214        | 241 | 8.7       | 147     | 1.144  | .0603 | 41.7    | 2406      | 4812          |
| 2006       | 2161        | .144 | 26.1            | 17.2                  | 25.2          | 21.0           | 4000    | 115.7     | 213        | 244 | 8.6       | 148     | 1.163  | .0610 | 42.3    | 2452      | 4904          |
| 2007       | 2226        | .150 | 26.7            | 17.6                  | 25.8          | 21.5           | 4000    | 114.4     | 211        | 245 | 8.6       | 148     | 1.179  | .0612 | 43.5    | 2490      | 4981          |

Percent of 4000 lb. Cars:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |      |      | NUMBER OF VALVES |       |      |      |      |        |
|------------|------------|------|--------------|------|-----|---------------|------|------|------------------|-------|------|------|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL  | TWO              | THREE | FOUR | FIVE | VVT  | HYBRID |
| 1975       |            |      | 7.6          |      |     |               |      |      |                  |       |      |      |      |        |
| 1976       |            |      | 6.9          |      |     |               |      |      |                  |       |      |      |      |        |
| 1977       |            |      | 3.3          |      |     |               |      |      |                  |       |      |      |      |        |
| 1978       |            |      | 3.0          | 10.4 |     |               |      |      |                  |       |      |      |      |        |
| 1979       | 5.3        |      | 2.2          | 10.4 |     | 2.8           |      | 2.3  |                  |       |      |      |      |        |
| 1980       | 10.9       | 2.3  | .9           | 40.1 |     | 2.5           | 4.9  | 9.6  |                  |       |      |      |      |        |
| 1981       | 11.1       | .9   | .9           | 82.8 |     | 1.2           | 10.3 | 13.2 |                  |       |      |      |      |        |
| 1982       | 11.1       | 1.3  |              | 89.6 |     | 1.8           | 18.7 | 9.4  |                  |       |      |      |      |        |
| 1983       | 12.5       | 1.3  |              | 94.6 |     | 2.0           | 38.0 | 4.4  |                  |       |      |      |      |        |
| 1984       | 12.8       | 1.1  |              | 95.8 |     | 2.1           | 41.1 | 2.8  |                  |       |      |      |      |        |
| 1985       | 13.0       | .0   | .1           | 94.8 |     | 3.8           | 41.4 | 2.0  |                  |       |      |      |      |        |
| 1986       | .2         | .7   | .2           | 92.5 |     | 48.3          | 4.4  |      | 98.9             |       | 1.1  |      |      |        |
| 1987       | 1.1        | .4   | 4.0          | 87.9 |     | 50.9          | 3.2  | 1.2  | 95.5             |       | 4.5  |      |      |        |
| 1988       | 6.3        | .3   | 1.6          | 92.7 |     | 75.0          | 2.2  |      | 94.5             |       | 5.5  |      |      |        |
| 1989       | 8.9        | .0   | 2.5          | 92.5 |     | 84.4          | 13.6 |      | 96.0             |       | 4.0  |      |      |        |
| 1990       | 33.2       | .1   | 1.8          | 95.5 |     | 95.3          | 4.6  |      | 89.5             |       | 10.5 |      | 5.5  |        |
| 1991       | 38.6       | .9   | 1.9          | 95.4 |     | 86.8          | 12.9 |      | 89.6             |       | 10.4 |      | 6.1  |        |
| 1992       | 41.3       | 1.9  | 1.6          | 97.3 |     | 94.8          | 5.2  |      | 79.5             |       | 20.5 |      | 8.5  |        |
| 1993       | 39.2       | .7   | .9           | 97.1 |     | 95.7          | 4.3  |      | 68.6             |       | 31.4 |      | 8.1  |        |
| 1994       | 45.6       | .2   | .8           | 97.3 |     | 100.0         |      |      | 58.3             |       | 41.7 |      | 6.0  |        |
| 1995       | 44.7       | .6   | 1.1          | 96.4 |     | 99.6          |      |      | 58.1             |       | 41.9 |      | 6.8  |        |
| 1996       | 51.6       | .7   | 1.1          | 97.1 |     | 99.8          |      |      | 51.7             |       | 48.3 |      | 4.2  |        |
| 1997       | 50.7       | .9   | 1.0          | 99.0 |     | 99.8          |      |      | 51.8             |       | 48.2 |      | 7.0  |        |
| 1998       | 50.5       | 4.4  | 1.2          | 98.8 |     | 99.6          |      |      | 45.1             | 4.3   | 48.9 | 1.7  | 12.2 |        |
| 1999       | 55.1       | 3.8  | 1.5          | 98.5 |     | 99.6          |      |      | 40.5             | 4.8   | 52.5 | 2.2  | 11.4 |        |
| 2000       | 55.7       | 4.0  | 2.1          | 97.9 |     | 100.0         |      |      | 47.8             | 4.0   | 45.3 | 2.9  | 13.4 |        |
| 2001       | 51.4       | 12.9 | 3.3          | 96.7 |     | 100.0         |      |      | 39.7             | 4.3   | 51.7 | 4.4  | 19.4 |        |
| 2002       | 51.9       | 15.7 | 2.5          | 97.3 | .2  | 100.0         |      |      | 29.5             | 4.8   | 60.6 | 5.1  | 23.1 |        |
| 2003       | 46.2       | 16.8 | 3.1          | 96.0 | .9  | 100.0         |      |      | 22.5             | 12.0  | 57.6 | 8.0  | 26.4 |        |
| 2004       | 61.0       | 17.1 | 3.7          | 95.8 | .5  | 99.9          |      |      | 17.8             | 6.3   | 70.3 | 5.5  | 47.9 |        |
| 2005       | 53.4       | 13.3 | 4.1          | 93.0 | 2.9 | 99.4          |      |      | 21.3             | 7.5   | 69.3 | 1.9  | 44.2 |        |
| 2006       | 55.2       | 11.2 | 4.2          | 92.6 | 3.2 | 99.7          |      |      | 22.6             | 5.1   | 71.8 |      | 59.4 | .2     |
| 2007       | 64.5       | 13.7 | 4.3          | 89.3 | 6.4 | 99.9          |      |      | 27.2             | 2.3   | 70.5 |      | 72.7 | 2.3    |

Table G-9

## Characteristics of 1975 to 2007 4500 lb. Cars

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | VOL<br>CU-FT | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG | CU-FT<br>-MPG | CU-FT-<br>TON-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------------|--------|-----|--------------|------------|------------|-----------|-------------|---------------|-------------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            |              | CID    | HP  |              |            |            |           |             |               |                   |
| 1975          | 1791           | .175 | 14.3                     | 11.1        | 13.7       | 12.2        | 4500       |              | 347    | 158 | 13.6         | 116        | .455       | .0351     | 27.7        |               |                   |
| 1976          | 2223           | .180 | 15.7                     | 12.3        | 15.1       | 13.4        | 4500       |              | 346    | 157 | 13.5         | 115        | .454       | .0349     | 30.4        |               |                   |
| 1977          | 3496           | .248 | 16.5                     | 13.0        | 15.6       | 14.1        | 4500       | 118.7        | 346    | 157 | 13.4         | 115        | .454       | .0349     | 31.9        | 1680          | 3780              |
| 1978          | 1997           | .138 | 16.3                     | 12.6        | 16.1       | 13.9        | 4500       | 123.8        | 356    | 161 | 13.1         | 117        | .453       | .0358     | 31.6        | 1739          | 3912              |
| 1979          | 1527           | .110 | 16.5                     | 12.8        | 15.9       | 14.0        | 4500       | 127.6        | 353    | 157 | 13.4         | 115        | .445       | .0349     | 31.9        | 1808          | 4068              |
| 1980          | 363            | .032 | 19.0                     | 14.4        | 19.0       | 16.2        | 4500       | 137.3        | 350    | 137 | 15.1         | 109        | .394       | .0305     | 37.3        | 2273          | 5115              |
| 1981          | 318            | .030 | 20.4                     | 15.4        | 20.9       | 17.5        | 4500       | 137.1        | 343    | 127 | 16.1         | 106        | .374       | .0282     | 40.4        | 2459          | 5532              |
| 1982          | 183            | .019 | 21.0                     | 15.8        | 21.6       | 17.9        | 4500       | 148.3        | 323    | 127 | 16.1         | 106        | .401       | .0283     | 41.5        | 2696          | 6067              |
| 1983          | 188            | .018 | 19.9                     | 14.8        | 20.8       | 17.0        | 4500       | 146.6        | 311    | 143 | 14.4         | 111        | .463       | .0318     | 38.7        | 2512          | 5651              |
| 1984          | 185            | .013 | 20.2                     | 15.1        | 21.0       | 17.3        | 4500       | 152.0        | 308    | 148 | 14.0         | 113        | .482       | .0329     | 39.0        | 2630          | 5918              |
| 1985          | 104            | .007 | 21.0                     | 15.6        | 22.1       | 18.0        | 4500       | 160.2        | 306    | 150 | 13.8         | 113        | .490       | .0333     | 40.5        | 2884          | 6490              |
| 1986          | 101            | .007 | 21.5                     | 15.9        | 22.5       | 18.3        | 4500       | 156.5        | 308    | 150 | 14.0         | 113        | .485       | .0333     | 41.5        | 2903          | 6532              |
| 1987          | 78             | .005 | 22.3                     | 16.3        | 23.5       | 19.0        | 4500       | 160.2        | 306    | 140 | 14.6         | 110        | .458       | .0311     | 42.7        | 3043          | 6846              |
| 1988          | 105            | .007 | 22.6                     | 16.6        | 23.3       | 19.2        | 4500       | 144.8        | 305    | 144 | 14.4         | 111        | .474       | .0321     | 43.4        | 2796          | 6292              |
| 1989          | 87             | .006 | 21.8                     | 16.0        | 22.2       | 18.4        | 4500       | 141.1        | 306    | 151 | 14.1         | 114        | .494       | .0336     | 41.7        | 2638          | 5935              |
| 1990          | 67             | .005 | 20.3                     | 14.8        | 20.9       | 17.2        | 4500       | 130.1        | 322    | 178 | 12.6         | 122        | .555       | .0397     | 39.2        | 2306          | 5188              |
| 1991          | 72             | .006 | 20.9                     | 15.0        | 21.7       | 17.6        | 4500       | 133.6        | 312    | 201 | 11.3         | 129        | .648       | .0448     | 40.2        | 2444          | 5499              |
| 1992          | 113            | .009 | 22.1                     | 15.5        | 23.3       | 18.6        | 4500       | 137.2        | 334    | 191 | 11.6         | 126        | .587       | .0424     | 42.1        | 2590          | 5827              |
| 1993          | 84             | .006 | 22.1                     | 15.4        | 23.8       | 18.7        | 4500       | 141.4        | 339    | 187 | 11.8         | 124        | .567       | .0416     | 42.1        | 2658          | 5980              |
| 1994          | 88             | .006 | 22.4                     | 15.6        | 23.4       | 18.8        | 4500       | 136.8        | 344    | 255 | 9.0          | 145        | .747       | .0567     | 42.4        | 2601          | 5853              |
| 1995          | 110            | .007 | 22.4                     | 15.6        | 23.2       | 18.7        | 4500       | 127.7        | 310    | 257 | 9.0          | 146        | .867       | .0572     | 42.3        | 2413          | 5428              |
| 1996          | 96             | .007 | 22.9                     | 15.8        | 23.8       | 19.1        | 4500       | 131.5        | 323    | 260 | 8.9          | 147        | .826       | .0578     | 43.1        | 2525          | 5680              |
| 1997          | 37             | .003 | 22.2                     | 15.5        | 22.1       | 18.4        | 4500       | 109.2        | 257    | 271 | 8.7          | 150        | 1.057      | .0602     | 41.5        | 2028          | 4563              |
| 1998          | 31             | .002 | 22.0                     | 15.3        | 21.9       | 18.2        | 4500       | 100.4        | 272    | 287 | 8.3          | 155        | 1.059      | .0637     | 41.0        | 1846          | 4153              |
| 1999          | 25             | .002 | 22.1                     | 15.3        | 21.8       | 18.2        | 4500       | 93.9         | 264    | 276 | 8.6          | 152        | 1.058      | .0614     | 41.1        | 1728          | 3889              |
| 2000          | 67             | .004 | 21.9                     | 15.1        | 21.5       | 18.0        | 4500       | 114.9        | 281    | 287 | 8.2          | 155        | 1.023      | .0638     | 40.6        | 2080          | 4681              |
| 2001          | 78             | .005 | 22.0                     | 15.0        | 21.6       | 18.0        | 4500       | 117.4        | 270    | 283 | 8.3          | 154        | 1.067      | .0630     | 40.6        | 2122          | 4775              |
| 2002          | 96             | .006 | 22.3                     | 15.2        | 21.6       | 18.2        | 4500       | 116.5        | 274    | 266 | 8.9          | 149        | .988       | .0592     | 41.0        | 2135          | 4804              |
| 2003          | 307            | .019 | 22.8                     | 15.3        | 22.5       | 18.6        | 4500       | 116.6        | 280    | 256 | 9.1          | 145        | .920       | .0570     | 42.1        | 2213          | 4979              |
| 2004          | 318            | .020 | 22.9                     | 15.2        | 22.7       | 18.7        | 4500       | 132.6        | 267    | 252 | 9.3          | 144        | .956       | .0560     | 42.0        | 2477          | 5573              |
| 2005          | 355            | .022 | 23.1                     | 15.4        | 22.4       | 18.7        | 4500       | 132.1        | 283    | 272 | 8.8          | 150        | .967       | .0605     | 42.2        | 2481          | 5582              |
| 2006          | 445            | .030 | 22.6                     | 14.9        | 22.3       | 18.4        | 4500       | 131.8        | 289    | 284 | 8.5          | 154        | .990       | .0631     | 41.4        | 2425          | 5457              |
| 2007          | 619            | .042 | 22.5                     | 14.8        | 22.4       | 18.4        | 4500       | 125.0        | 302    | 304 | 8.1          | 160        | 1.007      | .0675     | 41.4        | 2305          | 5186              |

## Percent of 4500 lb. Cars:

| MODEL<br>YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |      | VVT  | HYBRID |
|---------------|------------|------|--------------|-------|-----|---------------|-------|------|------------------|-------|------|------|------|------|--------|
|               | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |      |      |        |
| 1975          | .9         |      | .6           |       |     | 1.6           |       |      |                  |       |      |      |      |      |        |
| 1976          | 2.0        |      | .1           |       |     | 2.3           |       |      |                  |       |      |      |      |      |        |
| 1977          | 1.3        |      | .1           |       |     | 1.6           |       |      |                  |       |      |      |      |      |        |
| 1978          | 2.7        |      |              | 12.9  |     | 3.1           |       | 1.5  |                  |       |      |      |      |      |        |
| 1979          | 4.4        |      |              | 9.3   |     | 3.4           |       | 5.5  |                  |       |      |      |      |      |        |
| 1980          | 7.5        |      |              | 54.2  |     |               |       | 28.7 |                  |       |      |      |      |      |        |
| 1981          | 8.6        |      |              | 61.7  |     |               | 29.7  | 44.2 |                  |       |      |      |      |      |        |
| 1982          | 6.3        |      |              | 99.8  |     |               |       | 45.3 |                  |       |      |      |      |      |        |
| 1983          | 1.4        |      |              | 100.0 |     |               |       | 12.3 |                  |       |      |      |      |      |        |
| 1984          | .6         |      |              | 100.0 |     |               |       | 4.2  |                  |       |      |      |      |      |        |
| 1985          | .1         |      |              | 100.0 |     |               |       | 1.1  |                  |       |      |      |      |      |        |
| 1986          |            |      | .0           | 91.2  |     |               | 8.7   |      |                  | 100.0 |      |      |      |      |        |
| 1987          |            |      | .0           | 100.0 |     |               |       |      |                  | 100.0 |      |      |      |      |        |
| 1988          |            |      |              | 100.0 |     |               | 2.9   |      |                  | 100.0 |      |      |      |      |        |
| 1989          |            |      | .0           | 96.2  |     |               | 8.0   |      |                  | 100.0 |      |      |      |      |        |
| 1990          |            |      |              | 84.4  |     |               | 20.5  | 30.5 |                  | 95.8  |      | 4.2  |      |      |        |
| 1991          |            |      | .7           | 82.1  |     |               | 26.2  | 73.8 |                  | 88.4  |      | 11.6 |      | 3.2  |        |
| 1992          |            |      | .2           | 89.6  |     |               | 12.2  | 87.8 |                  | 95.0  |      | 5.0  |      | 5.5  |        |
| 1993          |            |      | .2           | 96.0  |     |               | 10.6  | 89.4 |                  | 90.7  |      | 9.3  |      | 3.1  |        |
| 1994          |            |      | .2           | 93.6  |     |               | 100.0 |      |                  | 91.1  |      | 8.9  |      | 7.0  |        |
| 1995          |            | .5   | .5           | 82.4  |     |               | 100.0 |      |                  | 64.7  |      | 35.3 |      | 6.0  |        |
| 1996          |            | .4   | .4           | 90.7  |     |               | 100.0 |      |                  | 76.5  |      | 23.5 |      | 14.9 |        |
| 1997          |            |      | .1           | 99.9  |     |               | 100.0 |      |                  | 3.2   |      | 96.8 |      | 79.2 |        |
| 1998          |            |      | .2           | 99.8  |     |               | 100.0 |      |                  | 5.6   |      | 94.4 |      | 97.9 |        |
| 1999          |            |      | .1           | 99.9  |     |               | 100.0 |      |                  | 1.9   | 36.9 | 61.2 |      | 60.8 |        |
| 2000          |            | 1.0  | .3           | 99.7  |     |               | 100.0 |      |                  | 4.1   | 29.2 | 65.7 |      | 25.9 |        |
| 2001          |            | 11.3 | 1.1          | 98.9  |     |               | 100.0 |      |                  | 6.0   | 50.0 | 32.6 | 11.3 | 34.6 |        |
| 2002          |            | 6.9  | .7           | 99.3  |     |               | 100.0 |      |                  | 38.8  | 34.6 | 19.7 | 6.9  | 20.7 |        |
| 2003          |            | 12.6 | .2           | 99.8  |     |               | 100.0 |      |                  | 79.5  | 8.8  | 9.3  | 2.4  | 7.5  |        |
| 2004          | 14.3       | 7.2  | .4           | 99.6  |     |               | 100.0 |      |                  | 55.8  | 8.4  | 31.3 | 4.4  | 18.9 |        |
| 2005          | 13.9       | 9.6  | .4           | 99.3  |     |               | 100.0 |      |                  | 66.8  | 5.2  | 24.4 | 3.5  | 16.6 |        |
| 2006          | 12.7       | 8.5  | .1           | 99.5  |     |               | 100.0 |      |                  | 66.7  | 4.5  | 26.9 | 1.8  | 14.6 |        |
| 2007          | 8.5        | 14.1 | .1           | 99.7  |     |               | 100.0 |      |                  | 66.1  |      | 33.6 |      | 17.5 | .1     |

Table G-10

## Characteristics of 1975 to 2007 5000 lb. Cars

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | VOL<br>CU-FT | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG | CU-FT<br>-MPG | CU-FT-<br>TON-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------------|--------|-----|--------------|------------|------------|-----------|-------------|---------------|-------------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            |              | CID    | HP  |              |            |            |           |             |               |                   |
| 1975          | 1505           | .147 | 12.9                     | 10.0        | 12.5       | 11.0        | 5000       |              | 388    | 166 | 14.0         | 115        | .429       | .0333     | 27.8        |               |                   |
| 1976          | 1494           | .121 | 14.6                     | 11.5        | 13.9       | 12.5        | 5000       |              | 378    | 166 | 13.9         | 115        | .440       | .0333     | 31.2        |               |                   |
| 1977          | 1051           | .074 | 14.1                     | 10.9        | 13.8       | 12.1        | 5000       | 129.7        | 387    | 175 | 13.3         | 117        | .453       | .0351     | 30.3        | 1571          | 3927              |
| 1978          | 477            | .033 | 14.6                     | 11.1        | 14.5       | 12.4        | 5000       | 132.3        | 403    | 179 | 13.1         | 118        | .445       | .0358     | 31.3        | 1663          | 4157              |
| 1979          | 182            | .013 | 14.4                     | 11.1        | 14.2       | 12.3        | 5000       | 126.5        | 396    | 169 | 13.7         | 115        | .426       | .0339     | 31.3        | 1587          | 3968              |
| 1980          | 2              | .000 | 12.5                     | 9.9         | 11.9       | 10.7        | 5000       | 121.9        | 382    | 156 | 14.6         | 112        | .409       | .0312     | 26.8        | 1320          | 3299              |
| 1981          | 2              | .000 | 11.7                     | 9.3         | 11.1       | 10.0        | 5000       | 122.2        | 387    | 156 | 14.6         | 112        | .402       | .0311     | 25.1        | 1231          | 3078              |
| 1982          | 2              | .000 | 11.2                     | 8.8         | 10.6       | 9.5         | 5000       | 121.4        | 378    | 176 | 13.7         | 117        | .482       | .0353     | 23.8        | 1160          | 2900              |
| 1983          | 1              | .000 | 11.5                     | 9.1         | 10.9       | 9.8         | 5000       | 126.4        | 373    | 157 | 14.7         | 112        | .426       | .0314     | 24.6        | 1246          | 3115              |
| 1984          | 2              | .000 | 11.2                     | 8.8         | 10.6       | 9.5         | 5000       | 122.1        | 374    | 176 | 13.7         | 117        | .485       | .0351     | 23.9        | 1171          | 2928              |
| 1985          | 1              | .000 | 10.9                     | 8.5         | 10.3       | 9.2         | 5000       | 113.5        | 394    | 187 | 12.9         | 121        | .494       | .0375     | 23.1        | 1050          | 2626              |
| 1986          | 1              | .000 | 10.7                     | 8.3         | 10.2       | 9.1         | 5000       | 114.2        | 378    | 205 | 12.2         | 125        | .574       | .0409     | 22.8        | 1039          | 2598              |
| 1987          | 1              | .000 | 11.4                     | 9.0         | 10.6       | 9.7         | 5000       | 113.0        | 410    | 191 | 12.4         | 122        | .466       | .0382     | 24.2        | 1095          | 2738              |
| 1988          | 1              | .000 | 12.3                     | 9.5         | 11.7       | 10.4        | 5000       | 112.0        | 408    | 207 | 11.6         | 126        | .509       | .0413     | 26.1        | 1170          | 2924              |
| 1989          | 1              | .000 | 12.4                     | 9.5         | 11.7       | 10.4        | 5000       | 112.9        | 410    | 206 | 11.6         | 126        | .502       | .0411     | 26.1        | 1180          | 2949              |
| 1990          | 0              | .000 | 10.9                     | 8.2         | 10.7       | 9.2         | 5000       | 95.9         | 326    | 240 | 10.3         | 135        | .736       | .0480     | 23.1        | 885           | 2212              |
| 1992          | 10             | .001 | 17.3                     | 12.8        | 16.7       | 14.5        | 5000       | 126.0        | 283    | 297 | 9.1          | 152        | 1.041      | .0594     | 36.8        | 1851          | 4627              |
| 1993          | 16             | .001 | 18.9                     | 13.9        | 18.3       | 15.8        | 5000       | 125.8        | 247    | 263 | 9.8          | 142        | 1.072      | .0526     | 39.7        | 1995          | 4987              |
| 1994          | 11             | .001 | 20.4                     | 14.6        | 20.2       | 17.0        | 5000       | 124.5        | 254    | 266 | 9.8          | 143        | 1.051      | .0532     | 43.0        | 2141          | 5352              |
| 1995          | 16             | .001 | 19.6                     | 14.1        | 19.0       | 16.3        | 5000       | 119.6        | 284    | 298 | 8.8          | 152        | 1.048      | .0595     | 40.9        | 1961          | 4902              |
| 1996          | 7              | .001 | 19.9                     | 13.9        | 20.3       | 16.6        | 5000       | 125.5        | 286    | 303 | 8.6          | 153        | 1.058      | .0605     | 41.6        | 2092          | 5231              |
| 1997          | 9              | .001 | 20.2                     | 14.0        | 20.5       | 16.8        | 5000       | 125.1        | 288    | 304 | 8.6          | 154        | 1.057      | .0608     | 42.1        | 2107          | 5268              |
| 1998          | 6              | .000 | 20.2                     | 14.0        | 20.2       | 16.7        | 5000       | 126.1        | 283    | 299 | 8.7          | 152        | 1.059      | .0598     | 41.9        | 2114          | 5284              |
| 1999          | 8              | .001 | 19.7                     | 13.6        | 19.5       | 16.3        | 5000       | 124.0        | 290    | 306 | 8.5          | 154        | 1.060      | .0613     | 40.8        | 2030          | 5074              |
| 2000          | 1              | .000 | 18.3                     | 12.4        | 18.8       | 15.2        | 5000       | 120.1        | 325    | 324 | 8.1          | 159        | .996       | .0648     | 38.0        | 1826          | 4566              |
| 2001          | 1              | .000 | 18.2                     | 12.3        | 18.7       | 15.1        | 5000       | 120.1        | 327    | 325 | 8.0          | 160        | .995       | .0650     | 37.7        | 1813          | 4534              |
| 2002          | 0              | .000 | 19.1                     | 13.5        | 17.7       | 15.5        | 5000       | 121.2        | 303    | 302 | 8.5          | 153        | .997       | .0604     | 38.8        | 1880          | 4699              |
| 2003          | 1              | .000 | 19.6                     | 13.0        | 20.1       | 16.2        | 5000       | 124.6        | 346    | 373 | 7.9          | 173        | 1.057      | .0747     | 40.6        | 2017          | 5043              |
| 2004          | 54             | .003 | 21.7                     | 14.9        | 20.3       | 17.5        | 5000       | 164.2        | 217    | 253 | 9.9          | 139        | 1.161      | .0506     | 43.8        | 2880          | 7199              |
| 2005          | 70             | .004 | 21.7                     | 14.7        | 20.6       | 17.5        | 5000       | 164.1        | 218    | 254 | 9.9          | 139        | 1.163      | .0508     | 43.9        | 2883          | 7207              |
| 2006          | 24             | .002 | 21.6                     | 14.7        | 20.2       | 17.4        | 5000       | 162.7        | 222    | 263 | 9.8          | 142        | 1.172      | .0526     | 43.5        | 2836          | 7090              |
| 2007          | 35             | .002 | 21.1                     | 13.9        | 21.2       | 17.3        | 5000       | 148.5        | 268    | 296 | 9.0          | 151        | 1.093      | .0593     | 43.3        | 2581          | 6452              |

## Percent of 5000 lb. Cars:

| MODEL<br>YEAR | DRIVETRAIN |      | TRANSMISSION |      |      | FUEL METERING |       |      | NUMBER OF VALVES |       |      |       |  | VVT   | HYBRID |
|---------------|------------|------|--------------|------|------|---------------|-------|------|------------------|-------|------|-------|--|-------|--------|
|               | FRONT      | 4WD  | MANUAL       | LOCK | CVT  | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE  |  |       |        |
| 1975          |            |      |              |      |      |               |       |      |                  |       |      |       |  |       |        |
| 1976          | .3         |      |              |      |      |               |       |      |                  |       |      |       |  |       |        |
| 1977          | 3.3        |      |              |      |      |               |       |      |                  |       |      |       |  |       |        |
| 1978          | 4.9        |      |              |      | 14.1 |               |       |      |                  |       |      |       |  |       |        |
| 1979          |            |      |              |      |      |               |       | 9.1  |                  |       |      |       |  |       |        |
| 1980          |            |      |              |      |      |               | 6.7   |      |                  |       |      |       |  |       |        |
| 1981          |            |      |              |      |      |               | 42.6  | 57.4 |                  |       |      |       |  |       |        |
| 1982          |            |      |              |      |      | 14.2          | 44.2  | 41.5 |                  |       |      |       |  |       |        |
| 1983          |            |      |              |      |      | 6.5           | 19.3  | 74.2 |                  |       |      |       |  |       |        |
| 1984          |            |      |              |      |      | 15.8          | 37.4  | 46.8 |                  |       |      |       |  |       |        |
| 1985          |            |      |              |      |      | 16.3          | 83.7  |      |                  |       |      |       |  |       |        |
| 1986          |            |      |              |      |      | 30.6          | 69.4  |      |                  | 100.0 |      |       |  |       |        |
| 1987          |            |      |              |      |      | 1.8           | 100.0 |      |                  | 100.0 |      |       |  |       |        |
| 1988          |            |      |              |      |      | 4.9           | 100.0 |      |                  | 100.0 |      |       |  |       |        |
| 1989          |            |      |              |      |      |               | 100.0 |      |                  | 100.0 |      |       |  |       |        |
| 1990          |            |      |              |      |      | 100.0         | 100.0 |      |                  | 100.0 |      |       |  |       |        |
| 1992          |            |      |              |      |      |               | 89.1  |      | 10.9             | 10.9  |      | 89.1  |  | 89.1  |        |
| 1993          |            |      |              |      |      |               | 100.0 |      |                  | 6.5   |      | 93.5  |  | 59.7  |        |
| 1994          |            |      |              |      |      |               | 94.0  |      | 6.0              | 6.0   |      | 94.0  |  | 65.1  |        |
| 1995          |            |      |              |      |      |               | 97.3  |      | 2.7              | 2.7   |      | 97.3  |  | 97.3  |        |
| 1996          |            |      |              |      |      | 100.0         | 100.0 |      |                  |       |      | 100.0 |  | 100.0 |        |
| 1997          |            |      |              |      |      | 100.0         | 100.0 |      |                  |       |      | 100.0 |  | 100.0 |        |
| 1998          |            |      |              |      |      | 100.0         | 100.0 |      |                  |       |      | 100.0 |  | 100.0 |        |
| 1999          |            |      |              |      |      | 100.0         | 100.0 |      |                  | 8.0   |      | 92.0  |  | 93.0  |        |
| 2000          |            |      |              |      |      | 100.0         | 100.0 |      |                  |       |      | 100.0 |  | 100.0 |        |
| 2001          |            |      |              |      |      | 100.0         | 100.0 |      |                  | 97.7  | 1.2  | 1.1   |  | 98.8  |        |
| 2002          |            |      |              |      |      | 100.0         | 100.0 |      |                  |       |      | 100.0 |  |       |        |
| 2003          |            |      |              |      |      | 100.0         | 100.0 |      |                  | 21.9  |      | 78.1  |  | 78.1  |        |
| 2004          |            |      |              |      |      | 98.1          | 100.0 |      |                  |       |      | 99.1  |  |       |        |
| 2005          | 30.8       | 67.6 |              |      |      | 100.0         | 100.0 |      |                  |       | 1.2  | 98.5  |  | 1.9   |        |
| 2006          |            |      |              |      |      | 95.5          | 100.0 |      |                  |       | 2.8  | 96.5  |  | 5.2   |        |
| 2007          | 2.6        | 90.9 |              |      |      | 100.0         | 100.0 |      |                  |       | 4.1  | 95.9  |  | 20.2  |        |

Table G-11

Characteristics of 1975 to 2007 5500 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45    | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1975       | 828         | .081 | 12.2         | 9.4      | 11.8    | 10.4     | 5500    |           | 458    | 208 | 12.6      | 123     | .454   | .0378 | 28.6    |           |               |
| 1976       | 934         | .076 | 13.3         | 10.4     | 12.7    | 11.3     | 5500    |           | 460    | 203 | 12.7      | 121     | .443   | .0370 | 31.2    |           |               |
| 1977       | 298         | .021 | 12.6         | 9.6      | 12.6    | 10.8     | 5500    | 131.8     | 447    | 194 | 13.2      | 119     | .435   | .0353 | 29.7    | 1421      | 3908          |
| 1978       | 134         | .009 | 12.8         | 9.7      | 12.9    | 10.9     | 5500    | 130.7     | 445    | 191 | 13.3      | 118     | .429   | .0348 | 30.1    | 1437      | 3951          |
| 1979       | 2           | .000 | 11.0         | 8.8      | 10.1    | 9.4      | 5500    | 112.7     | 417    | 174 | 14.4      | 114     | .417   | .0317 | 25.8    | 1060      | 2916          |
| 1980       | 0           | .000 | 10.7         | 8.6      | 9.8     | 9.1      | 5500    | 100.7     | 412    | 170 | 14.7      | 113     | .413   | .0309 | 25.2    | 922       | 2534          |
| 1981       | 0           | .000 | 10.5         | 8.3      | 9.9     | 8.9      | 5500    | 98.8      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 24.6    | 888       | 2442          |
| 1982       | 0           | .000 | 10.1         | 8.0      | 9.5     | 8.6      | 5500    | 92.5      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 23.7    | 798       | 2194          |
| 1983       | 0           | .000 | 10.9         | 8.5      | 10.7    | 9.3      | 5500    | 92.3      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 25.7    | 862       | 2370          |
| 1984       | 0           | .000 | 11.0         | 8.5      | 10.7    | 9.3      | 5500    | 92.6      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 25.7    | 866       | 2382          |
| 1985       | 0           | .000 | 11.0         | 8.5      | 10.8    | 9.4      | 5500    | 92.5      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 25.7    | 866       | 2382          |
| 1986       | 0           | .000 | 11.0         | 8.4      | 10.7    | 9.3      | 5500    | 92.4      | 412    | 170 | 14.7      | 113     | .413   | .0309 | 25.6    | 861       | 2369          |
| 1987       | 0           | .000 | 10.9         | 8.5      | 10.3    | 9.2      | 5500    | 92.0      | 412    | 187 | 13.7      | 117     | .454   | .0340 | 25.5    | 854       | 2348          |
| 1988       | 0           | .000 | 12.2         | 9.4      | 11.4    | 10.3     | 5500    | 91.3      | 412    | 205 | 12.6      | 122     | .498   | .0373 | 28.2    | 937       | 2577          |
| 1989       | 0           | .000 | 12.5         | 9.6      | 11.9    | 10.5     | 5500    | 103.8     | 412    | 259 | 10.7      | 136     | .630   | .0472 | 29.0    | 1097      | 3018          |
| 1990       | 1           | .000 | 13.1         | 10.0     | 12.5    | 11.0     | 5500    | 107.2     | 412    | 250 | 11.0      | 134     | .607   | .0455 | 30.3    | 1182      | 3250          |
| 1991       | 1           | .000 | 13.2         | 10.0     | 12.4    | 11.0     | 5500    | 107.5     | 412    | 237 | 11.4      | 131     | .577   | .0432 | 30.4    | 1186      | 3263          |
| 1992       | 0           | .000 | 14.1         | 10.2     | 14.4    | 11.9     | 5500    | 107.2     | 412    | 258 | 10.7      | 136     | .625   | .0468 | 32.8    | 1279      | 3518          |
| 1993       | 1           | .000 | 15.6         | 11.5     | 15.1    | 13.0     | 5500    | 126.5     | 374    | 290 | 10.4      | 144     | .777   | .0527 | 36.1    | 1677      | 4612          |
| 1994       | 3           | .000 | 17.7         | 12.8     | 17.3    | 14.7     | 5500    | 141.3     | 356    | 262 | 10.5      | 137     | .735   | .0476 | 40.7    | 2106      | 5790          |
| 1995       | 3           | .000 | 18.2         | 13.2     | 17.6    | 15.1     | 5500    | 143.1     | 354    | 252 | 10.7      | 134     | .712   | .0459 | 41.8    | 2185      | 6009          |
| 1996       | 3           | .000 | 17.8         | 13.1     | 16.7    | 14.7     | 5500    | 155.8     | 357    | 261 | 10.4      | 137     | .734   | .0475 | 40.6    | 2310      | 6354          |
| 1997       | 1           | .000 | 18.1         | 12.6     | 18.4    | 15.1     | 5500    | 149.9     | 315    | 312 | 9.0       | 150     | 1.011  | .0567 | 42.0    | 2328      | 6401          |
| 1998       | 2           | .000 | 17.0         | 11.4     | 18.9    | 14.4     | 5500    | 142.7     | 287    | 303 | 9.2       | 148     | 1.062  | .0551 | 39.6    | 2060      | 5665          |
| 1999       | 0           | .000 | 14.9         | 10.4     | 14.9    | 12.4     | 5500    | 98.1      | 412    | 349 | 8.2       | 160     | .847   | .0635 | 34.1    | 1216      | 3344          |
| 2000       | 2           | .000 | 18.1         | 12.6     | 17.5    | 14.9     | 5500    | 160.0     | 284    | 279 | 9.8       | 141     | .984   | .0507 | 41.0    | 2390      | 6572          |
| 2001       | 0           | .000 | 16.1         | 11.3     | 15.3    | 13.2     | 5500    | 123.3     | 328    | 322 | 8.8       | 153     | .982   | .0585 | 36.4    | 1630      | 4481          |
| 2002       | 0           | .000 | 16.1         | 11.3     | 15.3    | 13.2     | 5500    | 120.5     | 328    | 322 | 8.8       | 153     | .982   | .0585 | 36.3    | 1589      | 4370          |
| 2004       | 4           | .000 | 18.8         | 12.5     | 18.9    | 15.4     | 5500    | 123.8     | 309    | 391 | 7.8       | 171     | 1.268  | .0711 | 43.0    | 1952      | 5368          |
| 2005       | 5           | .000 | 16.7         | 11.0     | 17.3    | 13.9     | 5500    | 107.8     | 347    | 491 | 6.5       | 198     | 1.409  | .0893 | 38.6    | 1529      | 4205          |
| 2006       | 20          | .001 | 19.7         | 13.4     | 18.5    | 15.9     | 5500    | 158.2     | 250    | 298 | 9.6       | 146     | 1.202  | .0541 | 44.1    | 2548      | 7008          |
| 2007       | 17          | .001 | 20.9         | 14.2     | 19.6    | 16.9     | 5500    | 155.7     | 236    | 299 | 9.8       | 147     | 1.258  | .0544 | 47.1    | 2686      | 7388          |

Percent of 5500 lb. Cars:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |       |       | FUEL METERING |      |      | NUMBER OF VALVES |       |      |      |      | VVT  | HYBRID |
|------------|------------|------|--------------|-------|-------|---------------|------|------|------------------|-------|------|------|------|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK  | CVT   | PORT          | TBI  | DSL  | TWO              | THREE | FOUR | FIVE |      |      |        |
| 1975       | 8.2        |      |              |       |       |               |      |      |                  |       |      |      |      |      |        |
| 1976       | 7.4        |      |              |       |       | 2.9           |      |      |                  |       |      |      |      |      |        |
| 1977       | 15.9       |      |              |       |       | 3.1           |      |      |                  |       |      |      |      |      |        |
| 1978       | 33.7       |      |              |       |       | 30.0          |      |      |                  |       |      |      |      |      |        |
| 1979       |            |      |              |       |       |               |      |      |                  |       |      |      |      |      |        |
| 1980       |            |      |              |       |       | 5.0           |      |      |                  |       |      |      |      |      |        |
| 1981       |            |      |              |       |       | 100.0         |      |      |                  |       |      |      |      |      |        |
| 1982       |            |      |              |       |       | 100.0         |      |      |                  |       |      |      |      |      |        |
| 1983       |            |      |              |       |       | 100.0         |      |      |                  |       |      |      |      |      |        |
| 1984       |            |      |              |       |       | 100.0         |      |      |                  |       |      |      |      |      |        |
| 1985       |            |      |              |       |       | 100.0         |      |      |                  |       |      |      |      |      |        |
| 1986       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1987       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1988       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1989       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1990       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1991       |            |      |              |       |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1992       |            |      |              |       | 100.0 | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1993       |            |      |              | 56.9  |       | 71.8          | 28.2 |      | 56.9             |       | 43.1 |      | 43.1 |      |        |
| 1994       |            |      |              | 92.4  |       | 100.0         |      |      | 92.4             |       | 7.6  |      | 7.6  |      |        |
| 1995       |            |      |              | 100.0 |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1996       |            |      |              | 100.0 |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 1997       | 73.2       |      |              | 100.0 |       | 100.0         |      |      | 26.8             |       | 73.2 |      |      |      |        |
| 1998       | 94.1       |      |              | 100.0 |       | 100.0         |      |      | 5.9              |       | 94.1 |      |      |      |        |
| 1999       |            |      |              | 100.0 |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 2000       | 92.1       |      |              | 100.0 |       | 100.0         |      |      | 7.8              |       | 92.2 |      |      |      |        |
| 2001       |            |      |              | 100.0 |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 2002       |            |      |              | 100.0 |       | 100.0         |      |      | 100.0            |       |      |      |      |      |        |
| 2004       | 11.6       | 76.2 |              | 100.0 |       | 100.0         |      |      |                  |       | 52.7 | 47.3 | 88.4 |      |        |
| 2005       | 5.9        | 85.4 |              | 100.0 |       | 100.0         |      |      |                  |       | 84.0 | 16.0 | 94.1 |      |        |
| 2006       |            | 97.6 |              | 100.0 |       | 100.0         |      |      |                  |       | 90.8 | 8.1  | 1.1  | 74.6 |        |
| 2007       |            | 93.8 |              | 100.0 |       | 88.4          |      | 11.6 |                  |       | 9.3  | 90.7 | 90.7 |      |        |

Table G-12

Characteristics of 1975 to 2007 6000 lb. Cars

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY |          |         |          | WGHT LB | VOL CU-FT | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON-MPG | CU-FT-MPG | CU-FT-TON-MPG |
|------------|-------------|------|--------------|----------|---------|----------|---------|-----------|--------|-----|-----------|---------|--------|-------|---------|-----------|---------------|
|            |             |      | LAB 55/45    | ADJ CITY | ADJ HWY | ADJ COMP |         |           | CID    | HP  |           |         |        |       |         |           |               |
| 1985       | 0           | .000 | 10.1         | 8.0      | 9.5     | 8.6      | 6000    | 157.5     | 412    | 170 | 15.7      | 110     | .413   | .0283 | 25.9    | 1358      | 4075          |
| 1986       | 0           | .000 | 10.1         | 8.0      | 9.5     | 8.6      | 6000    | 157.5     | 412    | 170 | 15.7      | 110     | .413   | .0283 | 25.8    | 1355      | 4064          |
| 1987       | 0           | .000 | 10.4         | 8.3      | 9.5     | 8.8      | 6000    | 157.5     | 412    | 173 | 15.5      | 111     | .420   | .0288 | 26.5    | 1391      | 4173          |
| 1988       | 0           | .000 | 11.8         | 9.3      | 10.8    | 10.0     | 6000    | 157.5     | 412    | 205 | 13.5      | 119     | .498   | .0341 | 29.9    | 1571      | 4712          |
| 1993       | 1           | .000 | 17.6         | 13.0     | 16.8    | 14.7     | 6000    | 145.5     | 350    | 175 | 15.3      | 111     | .500   | .0292 | 44.0    | 2134      | 6402          |
| 1994       | 0           | .000 | 13.9         | 9.9      | 14.2    | 11.7     | 6000    | 90.6      | 412    | 241 | 11.9      | 128     | .585   | .0402 | 35.1    | 1060      | 3179          |
| 1995       | 0           | .000 | 13.9         | 9.9      | 14.2    | 11.7     | 6000    | 90.6      | 412    | 280 | 10.7      | 137     | .679   | .0466 | 35.0    | 1058      | 3175          |
| 1996       | 0           | .000 | 14.9         | 10.5     | 15.0    | 12.4     | 6000    | 88.9      | 412    | 350 | 8.8       | 155     | .850   | .0583 | 37.3    | 1106      | 3318          |
| 1997       | 0           | .000 | 14.9         | 10.5     | 15.0    | 12.4     | 6000    | 88.9      | 412    | 350 | 8.8       | 155     | .850   | .0583 | 37.3    | 1104      | 3311          |
| 1998       | 0           | .000 | 14.9         | 10.4     | 14.9    | 12.4     | 6000    | 88.9      | 412    | 350 | 8.8       | 155     | .850   | .0583 | 37.2    | 1102      | 3305          |
| 1999       | 2           | .000 | 19.3         | 13.3     | 19.2    | 15.9     | 6000    | 145.8     | 279    | 300 | 10.0      | 142     | 1.075  | .0500 | 47.8    | 2325      | 6974          |
| 2000       | 0           | .000 | 15.0         | 10.4     | 14.8    | 12.4     | 6000    | 112.8     | 412    | 350 | 8.8       | 155     | .850   | .0583 | 37.2    | 1399      | 4197          |
| 2001       | 3           | .000 | 17.6         | 12.2     | 17.1    | 14.4     | 6000    | 168.6     | 303    | 289 | 10.3      | 140     | .961   | .0481 | 43.6    | 2474      | 7421          |
| 2002       | 2           | .000 | 17.6         | 12.1     | 17.1    | 14.4     | 6000    | 15.4      | 296    | 294 | 10.3      | 141     | .990   | .0490 | 43.6    | 185       | 554           |
| 2003       | 2           | .000 | 18.2         | 12.3     | 18.1    | 15.0     | 6000    | 157.3     | 287    | 285 | 10.5      | 139     | .992   | .0476 | 45.2    | 2379      | 7138          |
| 2004       | 1           | .000 | 18.5         | 12.3     | 18.5    | 15.2     | 6000    | 149.9     | 294    | 295 | 10.3      | 141     | .998   | .0492 | 46.1    | 2318      | 6955          |
| 2005       | 1           | .000 | 17.3         | 11.7     | 16.9    | 14.2     | 6000    | 138.4     | 313    | 320 | 9.8       | 147     | 1.013  | .0533 | 43.3    | 2019      | 6058          |
| 2006       | 3           | .000 | 15.4         | 10.0     | 16.3    | 12.8     | 6000    | 114.9     | 369    | 545 | 6.2       | 204     | 1.478  | .0908 | 38.6    | 1477      | 4431          |
| 2007       | 6           | .000 | 17.0         | 11.2     | 17.4    | 14.1     | 6000    | 123.2     | 329    | 449 | 8.0       | 180     | 1.326  | .0749 | 42.4    | 1765      | 5294          |

Percent of 6000 lb. Cars:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |     |      | NUMBER OF VALVES |       |      |       |      | VVT  | HYBRID |
|------------|------------|------|--------------|-------|-----|---------------|-----|------|------------------|-------|------|-------|------|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI | DSL  | TWO              | THREE | FOUR | FIVE  |      |      |        |
| 1985       |            |      |              |       |     | 100.0         |     |      |                  |       |      |       |      |      |        |
| 1986       |            |      |              |       |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1987       |            |      |              |       |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1988       |            |      |              |       |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1993       |            |      |              | 100.0 |     |               |     | 99.5 |                  |       |      | 100.0 |      |      |        |
| 1994       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1995       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1996       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1997       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1998       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 1999       | 100.0      |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 2000       |            |      |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      |      |        |
| 2001       | 81.6       |      |              | 100.0 |     | 100.0         |     |      |                  |       | 18.4 |       | 81.6 |      |        |
| 2002       | 86.8       |      |              | 100.0 |     | 100.0         |     |      |                  |       | 13.2 |       | 86.8 |      |        |
| 2003       | 93.9       |      |              | 100.0 |     | 100.0         |     |      |                  |       | 6.1  |       | 93.9 |      |        |
| 2004       | 88.6       |      |              | 100.0 |     | 100.0         |     |      |                  |       | 11.4 |       | 88.6 |      |        |
| 2005       | 74.5       |      |              | 100.0 |     | 100.0         |     |      |                  |       | 25.5 |       | 74.5 |      |        |
| 2006       |            | 92.9 |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      | 92.9 |        |
| 2007       | 45.1       | 50.6 |              | 100.0 |     | 100.0         |     |      |                  |       |      | 100.0 |      | 50.6 |        |

Table G-13

## Characteristics of 1975 to 2007 6500 lb. Cars

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | VOL<br>CU-FT | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG | CU-FT<br>-MPG | CU-FT-<br>TON-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------------|--------|-----|--------------|------------|------------|-----------|-------------|---------------|-------------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            |              | CID    | HP  |              |            |            |           |             |               |                   |
| 1994          | 0              | .000 | 13.6                     | 9.8         | 13.7       | 11.4        | 6500       | 140.2        | 412    | 241 | 12.7         | 125        | .585       | .0371     | 37.1        | 1602          | 5205              |
| 1998          | 0              | .000 | 13.8                     | 9.7         | 13.9       | 11.5        | 6500       | 140.1        | 412    | 300 | 10.6         | 139        | .728       | .0461     | 37.4        | 1615          | 5247              |
| 2000          | 0              | .000 | 15.2                     | 10.6        | 15.1       | 12.6        | 6500       | 88.9         | 412    | 325 | 10.0         | 144        | .789       | .0500     | 41.0        | 1121          | 3643              |
| 2001          | 0              | .000 | 15.2                     | 10.5        | 15.1       | 12.6        | 6500       | 88.9         | 412    | 377 | 8.9          | 157        | .914       | .0580     | 40.9        | 1119          | 3636              |
| 2002          | 0              | .000 | 15.2                     | 10.5        | 15.0       | 12.6        | 6500       | 88.9         | 412    | 325 | 10.0         | 144        | .789       | .0500     | 40.8        | 1116          | 3628              |
| 2003          | 0              | .000 | 15.2                     | 10.4        | 14.9       | 12.5        | 6500       | 88.9         | 412    | 325 | 10.0         | 144        | .789       | .0500     | 40.7        | 1114          | 3620              |
| 2004          | 0              | .000 | 18.9                     | 12.7        | 18.9       | 15.5        | 6500       | 133.2        | 281    | 234 | 13.0         | 123        | .833       | .0360     | 50.5        | 2072          | 6734              |
| 2006          | 2              | .000 | 17.7                     | 11.9        | 17.3       | 14.4        | 6500       | 142.4        | 286    | 308 | 10.8         | 141        | 1.063      | .0475     | 47.0        | 2061          | 6697              |
| 2007          | 0              | .000 | 15.4                     | 10.2        | 15.6       | 12.7        | 6500       | 127.1        | 355    | 574 | 6.3          | 203        | 1.617      | .0883     | 41.3        | 1617          | 5256              |

## Percent of 6500 lb. Cars:

| MODEL<br>YEAR | DRIVETRAIN |     | TRANSMISSION |      |       | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |  |
|---------------|------------|-----|--------------|------|-------|---------------|-----|-----|------------------|-------|------|------|--|------|--------|--|
|               | FRONT      | 4WD | MANUAL       | LOCK | CVT   | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |      |        |  |
| 1994          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 1998          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2000          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2001          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2002          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2003          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2004          |            |     |              |      | 100.0 |               |     |     |                  |       |      |      |  |      |        |  |
| 2006          | 87.9       |     |              |      | 100.0 |               |     |     |                  |       | 12.1 | 87.9 |  | 10.4 |        |  |
| 2007          |            |     |              |      | 100.0 |               |     |     |                  |       | 95.5 | 4.5  |  | 95.5 |        |  |

Table G-14

## Characteristics of 1975 to 2007 2250 lb. Vans

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1983          | 0              | .000 | 39.0                     | 33.5        | 32.3       | 32.9        | 2250       | 97     | 52 | 18.3         | 93         | .536       | .0231     | 37.2        |
| 1984          | 2              | .000 | 38.6                     | 33.5        | 31.7       | 32.6        | 2250       | 97     | 52 | 18.3         | 93         | .536       | .0231     | 36.9        |

## Percent of 2250 lb. Vans:

| MODEL<br>YEAR | DRIVETRAIN |     | TRANSMISSION |      |      | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |  |
|---------------|------------|-----|--------------|------|------|---------------|-----|-----|------------------|-------|------|------|--|-----|--------|--|
|               | FRONT      | 4WD | MANUAL       | LOCK | CVT  | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |  |
| 1983          | 100.0      |     |              |      | 33.3 |               |     |     |                  |       |      |      |  |     |        |  |
| 1984          | 100.0      |     |              |      | 40.0 |               |     |     |                  |       |      |      |  |     |        |  |

Table G-15

## Characteristics of 1975 to 2007 2750 lb. Vans

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1984          | 14             | .001 | 29.8                     | 24.0        | 26.9       | 25.3        | 2750       | 122    | 88 | 14.1         | 105        | .721       | .0320     | 34.8        |
| 1985          | 8              | .001 | 29.8                     | 23.5        | 28.2       | 25.4        | 2750       | 122    | 88 | 14.0         | 105        | .721       | .0320     | 35.0        |
| 1986          | 5              | .000 | 29.4                     | 23.6        | 26.7       | 24.9        | 2750       | 122    | 88 | 14.1         | 105        | .721       | .0320     | 34.3        |
| 1987          | 4              | .000 | 29.3                     | 23.3        | 26.4       | 24.7        | 2750       | 122    | 88 | 14.1         | 105        | .721       | .0320     | 34.0        |

## Percent of 2750 lb. Vans:

| MODEL<br>YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-----|--------------|------|-----|---------------|-----|-----|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1984          | 100.0      |     | 42.3         | 57.7 |     |               |     |     |                  |       |      |      |  |     |        |
| 1985          | 100.0      |     | 77.4         | 22.6 |     |               |     |     |                  |       |      |      |  |     |        |
| 1986          | 100.0      |     | 52.5         | 47.5 |     |               |     |     |                  |       |      |      |  |     |        |
| 1987          | 100.0      |     | 47.8         | 52.2 |     |               |     |     |                  |       |      |      |  |     |        |



Table G-16

Characteristics of 1975 to 2007 3000 lb. Vans

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 0           | .000 | 21.2                     | 16.1     | 21.6    | 18.2     | 3000    | 109    | 67  | 18.6      | 95      | .615    | .0223  | 27.2     |
| 1984       | 31          | .002 | 25.7                     | 20.4     | 23.8    | 21.8     | 3000    | 134    | 92  | 14.6      | 105     | .691    | .0307  | 33.0     |
| 1985       | 56          | .004 | 26.1                     | 21.1     | 23.7    | 22.2     | 3000    | 128    | 94  | 14.5      | 105     | .733    | .0313  | 33.4     |
| 1986       | 50          | .003 | 26.9                     | 21.3     | 24.9    | 22.8     | 3000    | 128    | 92  | 14.6      | 104     | .717    | .0306  | 34.3     |
| 1987       | 59          | .004 | 26.6                     | 21.2     | 23.9    | 22.4     | 3000    | 130    | 96  | 14.2      | 106     | .742    | .0320  | 33.6     |
| 1988       | 17          | .001 | 27.4                     | 21.5     | 24.9    | 23.0     | 3000    | 124    | 97  | 14.0      | 107     | .782    | .0323  | 34.5     |
| 1989       | 13          | .001 | 26.3                     | 20.6     | 23.8    | 22.0     | 3000    | 124    | 97  | 14.0      | 107     | .783    | .0323  | 33.0     |
| 1990       | 5           | .000 | 26.4                     | 20.3     | 24.3    | 22.0     | 3000    | 137    | 116 | 12.4      | 114     | .842    | .0387  | 33.1     |
| 1991       | 8           | .001 | 26.2                     | 20.3     | 23.5    | 21.7     | 3000    | 122    | 96  | 14.1      | 106     | .789    | .0321  | 32.6     |
| 1992       | 23          | .002 | 28.3                     | 21.2     | 26.4    | 23.4     | 3000    | 119    | 114 | 12.4      | 113     | .963    | .0379  | 35.3     |
| 1993       | 11          | .001 | 28.5                     | 21.1     | 26.6    | 23.5     | 3000    | 120    | 119 | 12.0      | 115     | .994    | .0397  | 35.4     |
| 1994       | 5           | .000 | 28.4                     | 20.8     | 26.7    | 23.4     | 3000    | 127    | 124 | 11.6      | 118     | .981    | .0414  | 35.3     |
| 1995       | 4           | .000 | 27.7                     | 20.1     | 26.1    | 22.8     | 3000    | 130    | 127 | 11.4      | 118     | .974    | .0422  | 34.3     |
| 1996       | 0           | .000 | 27.7                     | 19.9     | 26.0    | 22.6     | 3000    | 134    | 127 | 11.4      | 119     | .954    | .0424  | 34.1     |

Percent of 3000 lb. Vans:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |       |       | NUMBER OF VALVES |       |      |       |  | VVT | HYBRID |
|------------|------------|------|--------------|------|-----|---------------|-------|-------|------------------|-------|------|-------|--|-----|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI   | DSL   | TWO              | THREE | FOUR | FIVE  |  |     |        |
| 1975       |            |      | 71.4         |      |     |               |       | 100.0 |                  |       |      |       |  |     |        |
| 1984       | 69.4       |      | 32.4         | 23.6 |     |               | 30.6  |       |                  |       |      |       |  |     |        |
| 1985       | 51.2       | 5.3  | 22.2         | 50.3 |     |               | 43.5  |       |                  |       |      |       |  |     |        |
| 1986       | 43.5       | 26.9 | 62.2         | 32.2 |     |               | 29.6  |       |                  |       |      |       |  |     |        |
| 1987       | 38.2       | 14.4 | 31.7         | 68.3 |     |               | 69.3  |       |                  |       |      |       |  |     |        |
| 1988       | 68.9       | 19.5 | 41.5         | 58.5 |     |               | 100.0 |       |                  |       |      |       |  |     |        |
| 1989       | 73.5       | 18.0 | 35.0         | 65.0 |     |               | 99.3  |       |                  |       |      |       |  |     |        |
| 1990       | 71.5       | 8.5  | 57.2         | 42.8 |     |               | 97.2  | 2.8   |                  |       |      |       |  |     |        |
| 1991       | 78.8       | 21.2 | 32.2         | 67.8 |     |               | 100.0 |       |                  |       |      |       |  |     |        |
| 1992       | 99.5       | .5   | 35.3         | 64.7 |     |               | 100.0 |       |                  |       |      |       |  |     |        |
| 1993       | 100.0      |      | 13.3         | 86.7 |     |               | 100.0 |       |                  |       |      |       |  |     |        |
| 1994       | 51.0       | 49.0 | 21.4         | 78.6 |     |               | 100.0 |       | 4.8              | 49.0  | 46.2 |       |  |     |        |
| 1995       | 40.5       | 59.5 | 16.4         | 83.6 |     |               | 100.0 |       |                  |       |      | 100.0 |  |     |        |
| 1996       | 100.0      |      | 13.2         | 86.8 |     |               | 100.0 |       |                  |       |      | 100.0 |  |     |        |

Table G-17

Characteristics of 1975 to 2007 3500 lb. Vans

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 17          | .002 | 19.0                     | 14.5     | 18.9    | 16.2     | 3500    | 214    | 98  | 15.9      | 103     | .466    | .0280  | 28.4     |
| 1976       | 12          | .001 | 19.5                     | 15.4     | 18.3    | 16.6     | 3500    | 211    | 96  | 16.3      | 102     | .460    | .0273  | 29.1     |
| 1977       | 9           | .001 | 20.2                     | 16.4     | 18.2    | 17.1     | 3500    | 201    | 92  | 16.8      | 101     | .471    | .0264  | 30.1     |
| 1978       | 11          | .001 | 19.4                     | 15.6     | 17.7    | 16.5     | 3500    | 200    | 101 | 15.8      | 104     | .509    | .0288  | 28.9     |
| 1979       | 8           | .001 | 18.7                     | 14.8     | 17.6    | 16.0     | 3500    | 120    | 67  | 20.9      | 92      | .558    | .0191  | 28.0     |
| 1980       | 17          | .002 | 19.0                     | 14.9     | 17.9    | 16.1     | 3500    | 151    | 77  | 19.3      | 95      | .524    | .0219  | 28.3     |
| 1981       | 16          | .001 | 19.3                     | 15.5     | 17.7    | 16.4     | 3500    | 172    | 81  | 18.6      | 97      | .490    | .0230  | 28.8     |
| 1982       | 25          | .003 | 20.9                     | 16.9     | 18.9    | 17.8     | 3500    | 179    | 81  | 18.7      | 97      | .473    | .0233  | 31.9     |
| 1983       | 10          | .001 | 19.5                     | 15.5     | 18.2    | 16.6     | 3500    | 119    | 69  | 20.5      | 93      | .582    | .0198  | 29.4     |
| 1984       | 164         | .012 | 24.2                     | 19.3     | 22.4    | 20.6     | 3500    | 139    | 96  | 16.1      | 102     | .694    | .0275  | 36.3     |
| 1985       | 292         | .020 | 23.5                     | 18.7     | 21.9    | 20.0     | 3500    | 154    | 102 | 15.4      | 105     | .673    | .0293  | 35.2     |
| 1986       | 320         | .021 | 24.3                     | 19.1     | 22.7    | 20.6     | 3500    | 152    | 102 | 15.3      | 105     | .674    | .0292  | 36.2     |
| 1987       | 329         | .022 | 24.1                     | 18.7     | 22.7    | 20.4     | 3500    | 162    | 120 | 13.8      | 111     | .735    | .0343  | 35.8     |
| 1988       | 262         | .017 | 24.5                     | 18.8     | 23.2    | 20.6     | 3500    | 166    | 123 | 13.5      | 112     | .736    | .0353  | 36.2     |
| 1989       | 263         | .018 | 24.3                     | 18.7     | 22.5    | 20.3     | 3500    | 159    | 120 | 13.9      | 111     | .753    | .0343  | 35.7     |
| 1990       | 213         | .017 | 25.2                     | 19.0     | 23.9    | 21.1     | 3500    | 170    | 129 | 13.0      | 114     | .758    | .0368  | 36.9     |
| 1991       | 63          | .005 | 25.3                     | 19.2     | 23.5    | 21.0     | 3500    | 161    | 109 | 14.9      | 107     | .674    | .0312  | 36.9     |
| 1992       | 84          | .007 | 25.7                     | 19.4     | 23.7    | 21.3     | 3500    | 156    | 110 | 14.6      | 107     | .707    | .0314  | 37.3     |
| 1993       | 220         | .017 | 25.3                     | 18.6     | 24.0    | 21.0     | 3500    | 176    | 133 | 12.6      | 116     | .755    | .0380  | 36.7     |
| 1994       | 144         | .010 | 24.7                     | 18.3     | 22.9    | 20.4     | 3500    | 173    | 131 | 12.8      | 115     | .755    | .0374  | 35.6     |
| 1995       | 237         | .016 | 25.1                     | 18.4     | 23.4    | 20.6     | 3500    | 171    | 137 | 12.2      | 117     | .807    | .0391  | 36.1     |
| 1996       | 32          | .002 | 27.0                     | 19.4     | 25.6    | 22.1     | 3500    | 145    | 144 | 11.6      | 120     | 1.013   | .0411  | 39.0     |
| 1997       | 33          | .002 | 24.2                     | 17.6     | 22.2    | 19.7     | 3500    | 145    | 133 | 12.4      | 115     | .927    | .0379  | 34.6     |
| 1998       | 16          | .001 | 27.0                     | 19.3     | 24.9    | 21.9     | 3500    | 138    | 150 | 11.3      | 122     | 1.087   | .0429  | 38.4     |
| 1999       | 1           | .000 | 26.9                     | 19.3     | 24.3    | 21.7     | 3500    | 138    | 150 | 11.3      | 122     | 1.087   | .0429  | 37.9     |

Percent of 3500 lb. Vans:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |       |     | FUEL METERING |       |      | NUMBER OF VALVES |       |       |      |  | VVT | HYBRID |
|------------|------------|-----|--------------|-------|-----|---------------|-------|------|------------------|-------|-------|------|--|-----|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR  | FIVE |  |     |        |
| 1975       |            |     | 18.7         |       |     |               | 6.1   |      |                  |       |       |      |  |     |        |
| 1976       |            |     | 24.4         |       |     |               | 13.3  |      |                  |       |       |      |  |     |        |
| 1977       |            |     | 28.8         |       |     |               | 23.2  |      |                  |       |       |      |  |     |        |
| 1978       |            |     | 28.4         |       |     |               | 23.4  |      |                  |       |       |      |  |     |        |
| 1979       |            |     | 81.2         |       |     |               | 100.0 |      |                  |       |       |      |  |     |        |
| 1980       |            |     | 62.8         | 25.0  |     |               | 70.1  |      |                  |       |       |      |  |     |        |
| 1981       |            |     | 55.9         | 34.3  |     |               | 50.6  |      |                  |       |       |      |  |     |        |
| 1982       |            |     | 62.9         | 32.5  |     |               | 25.1  | 15.0 |                  |       |       |      |  |     |        |
| 1983       |            |     | 79.6         |       |     |               | 96.9  | 3.1  |                  |       |       |      |  |     |        |
| 1984       | 68.8       |     | 27.1         | 15.7  |     | 21.6          | 9.6   |      |                  |       |       |      |  |     |        |
| 1985       | 76.3       |     | 15.2         | 14.6  |     | 10.1          | 6.6   |      |                  |       |       |      |  |     |        |
| 1986       | 71.0       |     | 9.6          | 23.5  |     | 22.0          | 2.7   |      |                  |       |       |      |  |     |        |
| 1987       | 75.9       | 1.8 | 9.6          | 52.8  |     | 50.5          | 8.5   |      |                  |       |       |      |  |     |        |
| 1988       | 80.7       | 1.7 | 7.3          | 63.9  |     | 63.5          | 36.5  |      |                  |       |       |      |  |     |        |
| 1989       | 84.5       | 1.3 | 5.6          | 30.6  |     | 53.6          | 46.4  |      |                  |       |       |      |  |     |        |
| 1990       | 92.4       | 1.3 | 5.0          | 90.9  |     | 72.1          | 27.9  |      |                  |       |       |      |  |     |        |
| 1991       | 81.4       | 3.6 | 4.1          | 95.9  |     | 28.9          | 71.1  |      |                  |       |       |      |  |     |        |
| 1992       | 85.5       | 7.3 | 8.6          | 91.4  |     | 35.5          | 64.5  |      |                  |       |       |      |  |     |        |
| 1993       | 96.5       | .1  | 2.9          | 97.1  |     | 80.2          | 19.8  |      |                  |       |       |      |  |     |        |
| 1994       | 96.5       | .7  | 2.8          | 97.2  |     | 73.4          | 26.6  |      | 99.3             |       |       |      |  |     |        |
| 1995       | 95.4       | .8  | .2           | 99.8  |     | 87.5          | 12.5  |      |                  | 85.7  | 14.3  |      |  |     |        |
| 1996       | 76.3       | .4  | .1           | 99.9  |     | 100.0         |       |      |                  | 24.5  | 75.5  |      |  |     |        |
| 1997       | 73.1       |     |              | 100.0 |     | 100.0         |       |      |                  | 26.9  | 73.1  |      |  |     |        |
| 1998       | 100.0      |     |              | 100.0 |     | 100.0         |       |      |                  |       | 100.0 |      |  |     |        |
| 1999       | 100.0      |     |              | 100.0 |     | 100.0         |       |      |                  |       | 100.0 |      |  |     |        |

Table G-18

## Characteristics of 1975 to 2007 4000 lb. Vans

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1975          | 262            | .026 | 14.0                     | 11.2        | 12.9       | 11.9        | 4000       | 310    | 136 | 14.0         | 112        | .434       | .0340     | 24.5        |
| 1976          | 293            | .024 | 14.1                     | 11.2        | 13.1       | 12.0        | 4000       | 323    | 142 | 13.5         | 114        | .437       | .0356     | 24.7        |
| 1977          | 262            | .019 | 16.1                     | 13.0        | 14.6       | 13.7        | 4000       | 323    | 148 | 12.9         | 116        | .457       | .0371     | 27.7        |
| 1978          | 310            | .021 | 15.6                     | 12.7        | 14.1       | 13.3        | 4000       | 321    | 142 | 13.2         | 115        | .444       | .0356     | 27.0        |
| 1979          | 83             | .006 | 16.5                     | 13.5        | 14.8       | 14.0        | 4000       | 275    | 128 | 14.3         | 110        | .468       | .0320     | 28.4        |
| 1980          | 90             | .008 | 18.4                     | 14.6        | 17.0       | 15.6        | 4000       | 263    | 121 | 15.0         | 108        | .466       | .0304     | 31.4        |
| 1981          | 81             | .008 | 18.7                     | 14.9        | 17.4       | 15.9        | 4000       | 262    | 120 | 15.2         | 107        | .463       | .0300     | 32.1        |
| 1982          | 85             | .009 | 18.8                     | 15.0        | 17.4       | 16.0        | 4000       | 264    | 117 | 15.8         | 106        | .445       | .0292     | 32.4        |
| 1983          | 102            | .010 | 18.8                     | 15.0        | 17.5       | 16.0        | 4000       | 261    | 112 | 16.1         | 105        | .433       | .0281     | 32.4        |
| 1984          | 160            | .011 | 18.0                     | 14.3        | 16.8       | 15.3        | 4000       | 276    | 116 | 15.5         | 106        | .427       | .0290     | 31.0        |
| 1985          | 184            | .013 | 19.8                     | 15.6        | 18.6       | 16.8        | 4000       | 272    | 137 | 13.7         | 113        | .510       | .0342     | 34.1        |
| 1986          | 316            | .021 | 21.1                     | 16.3        | 20.5       | 18.0        | 4000       | 232    | 134 | 13.9         | 112        | .590       | .0335     | 36.0        |
| 1987          | 401            | .027 | 21.7                     | 16.6        | 21.0       | 18.4        | 4000       | 222    | 148 | 12.8         | 117        | .689       | .0371     | 36.8        |
| 1988          | 559            | .037 | 22.2                     | 16.8        | 21.7       | 18.8        | 4000       | 214    | 149 | 12.6         | 117        | .717       | .0374     | 37.6        |
| 1989          | 674            | .047 | 22.5                     | 16.9        | 21.9       | 18.9        | 4000       | 207    | 145 | 12.9         | 115        | .722       | .0364     | 37.9        |
| 1990          | 684            | .054 | 22.2                     | 16.6        | 21.5       | 18.7        | 4000       | 199    | 143 | 13.2         | 115        | .722       | .0357     | 37.5        |
| 1991          | 686            | .055 | 22.5                     | 16.8        | 21.5       | 18.8        | 4000       | 194    | 144 | 13.0         | 115        | .756       | .0361     | 37.8        |
| 1992          | 758            | .062 | 22.6                     | 16.7        | 21.7       | 18.9        | 4000       | 198    | 146 | 12.9         | 116        | .745       | .0365     | 37.8        |
| 1993          | 826            | .063 | 22.6                     | 16.5        | 22.0       | 18.9        | 4000       | 196    | 149 | 12.6         | 117        | .768       | .0373     | 37.8        |
| 1994          | 849            | .060 | 22.7                     | 16.5        | 21.9       | 18.8        | 4000       | 203    | 151 | 12.5         | 117        | .752       | .0378     | 37.8        |
| 1995          | 990            | .065 | 22.9                     | 16.4        | 22.4       | 19.0        | 4000       | 217    | 152 | 12.5         | 118        | .713       | .0380     | 38.0        |
| 1996          | 956            | .073 | 23.5                     | 16.8        | 22.6       | 19.4        | 4000       | 201    | 166 | 11.7         | 122        | .828       | .0415     | 38.8        |
| 1997          | 792            | .055 | 23.4                     | 16.6        | 22.5       | 19.2        | 4000       | 196    | 164 | 11.8         | 121        | .835       | .0409     | 38.6        |
| 1998          | 1116           | .077 | 23.8                     | 16.7        | 23.0       | 19.5        | 4000       | 202    | 174 | 11.2         | 125        | .863       | .0435     | 39.1        |
| 1999          | 822            | .054 | 23.9                     | 16.6        | 23.2       | 19.6        | 4000       | 198    | 168 | 11.5         | 123        | .857       | .0420     | 39.2        |
| 2000          | 947            | .057 | 24.2                     | 16.7        | 23.3       | 19.7        | 4000       | 194    | 171 | 11.3         | 124        | .892       | .0427     | 39.5        |
| 2001          | 462            | .030 | 24.6                     | 16.9        | 23.4       | 20.0        | 4000       | 194    | 183 | 10.7         | 128        | .953       | .0457     | 40.0        |
| 2002          | 451            | .028 | 24.9                     | 17.0        | 23.8       | 20.2        | 4000       | 196    | 186 | 10.6         | 129        | .956       | .0464     | 40.4        |
| 2003          | 493            | .031 | 25.4                     | 17.2        | 24.2       | 20.5        | 4000       | 199    | 185 | 10.6         | 128        | .934       | .0462     | 41.1        |
| 2004          | 186            | .012 | 25.1                     | 16.8        | 24.2       | 20.3        | 4000       | 203    | 185 | 10.6         | 129        | .917       | .0463     | 40.6        |
| 2005          | 380            | .024 | 25.5                     | 17.0        | 24.0       | 20.4        | 4000       | 198    | 182 | 10.8         | 128        | .926       | .0456     | 40.9        |
| 2006          | 204            | .014 | 25.7                     | 17.2        | 24.2       | 20.6        | 4000       | 192    | 183 | 10.7         | 128        | .956       | .0457     | 41.2        |
| 2007          | 180            | .012 | 25.8                     | 17.2        | 24.3       | 20.7        | 4000       | 196    | 181 | 10.8         | 127        | .929       | .0453     | 41.3        |

## Percent of 4000 lb. Vans:

| MODEL<br>YEAR | DRIVETRAIN |      | TRANSMISSION |       |      | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|---------------|------------|------|--------------|-------|------|---------------|------|-----|------------------|-------|------|------|--|------|--------|
|               | FRONT      | 4WD  | MANUAL       | LOCK  | CVT  | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975          |            |      | 34.8         |       |      |               |      |     |                  |       |      |      |  |      |        |
| 1976          |            |      | 30.9         |       |      |               |      |     |                  |       |      |      |  |      |        |
| 1977          |            |      | 23.4         |       |      |               |      |     |                  |       |      |      |  |      |        |
| 1978          |            |      | 22.6         |       |      |               |      |     |                  |       |      |      |  |      |        |
| 1979          |            |      | 34.8         | 29.1  |      |               |      |     |                  |       |      |      |  |      |        |
| 1980          |            |      | 41.3         | 43.7  |      |               | 4.1  |     |                  |       |      |      |  |      |        |
| 1981          | .8         |      | 33.7         | 50.9  |      |               | 4.0  |     |                  |       |      |      |  |      |        |
| 1982          |            |      | 23.9         | 55.3  |      |               | 3.5  | 2.3 |                  |       |      |      |  |      |        |
| 1983          |            |      | 28.5         | 40.0  |      |               | 3.3  |     |                  |       |      |      |  |      |        |
| 1984          |            |      | 21.2         | 29.8  |      |               | 3.4  |     |                  |       |      |      |  |      |        |
| 1985          | .2         |      | 10.2         | 58.0  |      |               | 3.2  |     |                  |       |      |      |  |      |        |
| 1986          | .1         |      | 6.5          | 86.3  |      | 21.1          | 51.1 |     |                  |       |      |      |  |      |        |
| 1987          | 7.6        | 1.7  | 4.7          | 90.3  |      | 48.9          | 46.1 |     |                  |       |      |      |  |      |        |
| 1988          | 33.5       | .2   | 2.6          | 93.8  |      | 60.7          | 39.3 |     |                  |       |      |      |  |      |        |
| 1989          | 30.6       | .4   | 2.4          | 96.5  |      | 67.7          | 32.3 |     |                  |       |      |      |  |      |        |
| 1990          | 57.0       | 10.0 | .9           | 97.1  |      | 69.4          | 30.6 |     |                  |       |      |      |  |      |        |
| 1991          | 49.2       | 12.6 | 1.2          | 98.4  |      | 79.7          | 20.3 |     |                  |       |      |      |  |      |        |
| 1992          | 60.7       | 1.8  | .6           | 99.4  |      | 85.2          | 14.8 |     |                  |       |      |      |  |      |        |
| 1993          | 59.4       | 1.1  | 1.1          | 98.9  |      | 90.4          | 9.6  |     |                  |       |      |      |  |      |        |
| 1994          | 70.6       | 3.1  | .2           | 99.8  |      | 90.2          | 9.8  |     | 95.4             | 2.7   | 1.9  |      |  |      |        |
| 1995          | 79.7       | 10.1 |              | 100.0 |      | 96.0          | 4.0  |     | 97.0             | 1.4   | 1.7  |      |  |      |        |
| 1996          | 90.3       |      |              | 100.0 |      | 100.0         |      |     | 94.7             | 1.1   | 4.2  |      |  |      |        |
| 1997          | 87.9       |      |              | 100.0 |      | 100.0         |      |     | 93.7             | 1.1   | 5.2  |      |  |      |        |
| 1998          | 96.2       |      |              | 100.0 |      | 100.0         |      |     | 88.4             |       | 11.6 |      |  |      |        |
| 1999          | 95.7       |      |              | 100.0 |      | 100.0         |      |     | 84.1             |       | 15.9 |      |  | 8.5  |        |
| 2000          | 95.9       |      |              | 100.0 |      | 100.0         |      |     | 74.3             |       | 25.7 |      |  | 13.9 |        |
| 2001          | 95.8       |      |              | 100.0 |      | 100.0         |      |     | 67.4             |       | 32.6 |      |  | 18.6 |        |
| 2002          | 95.7       |      |              | 100.0 |      | 100.0         |      |     | 67.0             |       | 33.0 |      |  | 24.5 |        |
| 2003          | 96.9       |      |              | 100.0 |      | 100.0         |      |     | 80.4             |       | 19.6 |      |  | 15.5 |        |
| 2004          | 92.6       |      |              | 100.0 |      | 100.0         |      |     | 84.7             |       | 15.3 |      |  | 12.0 |        |
| 2005          | 95.4       |      |              | 89.6  | 10.4 | 100.0         |      |     | 79.3             |       | 20.7 |      |  |      |        |
| 2006          | 100.0      |      |              | 83.2  | 16.8 | 100.0         |      |     | 68.3             |       | 31.7 |      |  | 6.9  |        |
| 2007          | 100.0      |      |              | 87.5  | 12.5 | 100.0         |      |     | 82.1             |       | 17.9 |      |  |      |        |

Table G-19

Characteristics of 1975 to 2007 4500 lb. Vans

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 165         | .016 | 11.6                     | 9.5      | 10.3    | 9.8      | 4500    | 333    | 155 | 13.6      | 115     | .464    | .0345  | 22.2     |
| 1976       | 188         | .015 | 13.3                     | 10.7     | 12.3    | 11.3     | 4500    | 330    | 153 | 13.8      | 114     | .463    | .0340  | 25.7     |
| 1977       | 222         | .016 | 13.5                     | 11.0     | 12.0    | 11.4     | 4500    | 342    | 157 | 13.5      | 115     | .458    | .0348  | 25.9     |
| 1978       | 289         | .020 | 13.0                     | 10.7     | 11.4    | 11.0     | 4500    | 341    | 157 | 13.4      | 115     | .460    | .0348  | 24.9     |
| 1979       | 273         | .020 | 13.6                     | 11.1     | 12.0    | 11.5     | 4500    | 329    | 145 | 14.3      | 112     | .443    | .0322  | 26.3     |
| 1980       | 91          | .008 | 16.3                     | 13.1     | 15.1    | 13.9     | 4500    | 313    | 141 | 14.6      | 110     | .449    | .0313  | 31.5     |
| 1981       | 121         | .011 | 17.1                     | 13.7     | 15.7    | 14.6     | 4500    | 305    | 138 | 14.8      | 109     | .453    | .0306  | 33.0     |
| 1982       | 164         | .017 | 16.8                     | 13.5     | 15.3    | 14.2     | 4500    | 307    | 145 | 14.3      | 112     | .474    | .0323  | 32.3     |
| 1983       | 215         | .021 | 17.3                     | 13.7     | 16.1    | 14.7     | 4500    | 308    | 149 | 14.0      | 113     | .485    | .0332  | 33.3     |
| 1984       | 245         | .017 | 17.0                     | 13.4     | 16.0    | 14.4     | 4500    | 309    | 152 | 13.8      | 114     | .493    | .0339  | 32.8     |
| 1985       | 258         | .018 | 16.1                     | 12.8     | 14.9    | 13.7     | 4500    | 309    | 156 | 13.5      | 115     | .503    | .0346  | 30.9     |
| 1986       | 284         | .019 | 17.5                     | 13.8     | 16.2    | 14.8     | 4500    | 304    | 148 | 14.1      | 112     | .485    | .0328  | 33.4     |
| 1987       | 252         | .017 | 17.3                     | 13.5     | 16.2    | 14.7     | 4500    | 313    | 163 | 13.0      | 117     | .521    | .0363  | 33.1     |
| 1988       | 184         | .012 | 17.9                     | 13.9     | 16.8    | 15.1     | 4500    | 320    | 169 | 12.6      | 119     | .528    | .0376  | 34.0     |
| 1989       | 223         | .015 | 17.5                     | 13.5     | 16.5    | 14.8     | 4500    | 322    | 175 | 12.4      | 121     | .541    | .0389  | 33.3     |
| 1990       | 268         | .021 | 18.7                     | 14.1     | 17.9    | 15.7     | 4500    | 305    | 174 | 12.4      | 121     | .569    | .0387  | 35.6     |
| 1991       | 211         | .017 | 19.1                     | 14.3     | 18.4    | 16.0     | 4500    | 294    | 170 | 12.7      | 119     | .580    | .0377  | 36.3     |
| 1992       | 242         | .020 | 19.2                     | 14.3     | 18.3    | 16.0     | 4500    | 288    | 179 | 12.2      | 122     | .626    | .0398  | 36.5     |
| 1993       | 251         | .019 | 19.8                     | 14.6     | 19.0    | 16.5     | 4500    | 281    | 180 | 12.1      | 122     | .646    | .0400  | 37.3     |
| 1994       | 278         | .020 | 19.3                     | 14.2     | 18.3    | 16.1     | 4500    | 283    | 186 | 11.7      | 124     | .664    | .0414  | 36.4     |
| 1995       | 291         | .019 | 19.1                     | 14.0     | 18.1    | 15.8     | 4500    | 292    | 189 | 11.5      | 125     | .662    | .0421  | 35.9     |
| 1996       | 291         | .022 | 20.6                     | 14.8     | 20.0    | 17.1     | 4500    | 248    | 177 | 12.2      | 121     | .716    | .0393  | 38.8     |
| 1997       | 275         | .019 | 20.7                     | 14.8     | 19.9    | 17.1     | 4500    | 252    | 182 | 11.9      | 123     | .727    | .0405  | 38.8     |
| 1998       | 188         | .013 | 21.5                     | 15.3     | 20.6    | 17.7     | 4500    | 242    | 186 | 11.6      | 124     | .770    | .0413  | 39.9     |
| 1999       | 426         | .028 | 22.1                     | 15.5     | 21.2    | 18.1     | 4500    | 234    | 192 | 11.3      | 126     | .826    | .0428  | 40.8     |
| 2000       | 578         | .035 | 22.3                     | 15.5     | 21.4    | 18.2     | 4500    | 232    | 192 | 11.4      | 126     | .832    | .0426  | 41.2     |
| 2001       | 462         | .030 | 23.5                     | 16.2     | 22.5    | 19.1     | 4500    | 216    | 196 | 11.2      | 127     | .908    | .0436  | 43.2     |
| 2002       | 623         | .039 | 23.3                     | 16.0     | 22.2    | 18.9     | 4500    | 220    | 206 | 10.8      | 130     | .941    | .0458  | 42.8     |
| 2003       | 564         | .036 | 23.6                     | 16.1     | 22.4    | 19.1     | 4500    | 222    | 211 | 10.6      | 132     | .955    | .0468  | 43.1     |
| 2004       | 644         | .041 | 24.2                     | 16.2     | 23.1    | 19.5     | 4500    | 216    | 221 | 10.1      | 135     | 1.033   | .0492  | 44.1     |
| 2005       | 955         | .060 | 24.1                     | 16.1     | 22.9    | 19.4     | 4500    | 218    | 219 | 10.2      | 134     | 1.012   | .0487  | 43.7     |
| 2006       | 879         | .058 | 24.5                     | 16.3     | 23.5    | 19.7     | 4500    | 216    | 217 | 10.3      | 133     | 1.008   | .0482  | 44.5     |
| 2007       | 747         | .050 | 24.5                     | 16.4     | 23.4    | 19.7     | 4500    | 219    | 233 | 9.8       | 139     | 1.070   | .0519  | 44.5     |

Percent of 4500 lb. Vans:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|------|--------------|-------|-----|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            |      | 6.2          |       |     |               |       |      |                  |       |      |      |  |      |        |
| 1976       |            |      | 5.0          |       |     |               |       |      |                  |       |      |      |  |      |        |
| 1977       |            |      | 3.8          |       |     |               |       |      |                  |       |      |      |  |      |        |
| 1978       |            |      | 2.6          |       |     |               |       |      |                  |       |      |      |  |      |        |
| 1979       |            |      | 11.3         | .9    |     |               |       |      |                  |       |      |      |  |      |        |
| 1980       |            |      | 14.5         | 47.9  |     |               |       |      |                  |       |      |      |  |      |        |
| 1981       | .2         |      | 13.3         | 48.8  |     |               |       |      |                  |       |      |      |  |      |        |
| 1982       |            |      | 6.8          | 46.6  |     |               |       |      |                  |       |      |      |  |      |        |
| 1983       |            |      | 3.4          | 68.7  |     |               |       |      |                  |       |      |      |  |      |        |
| 1984       |            |      | 2.9          | 76.7  |     |               |       |      |                  |       |      |      |  |      |        |
| 1985       |            |      | 1.0          | 73.3  |     |               |       |      |                  |       |      |      |  |      |        |
| 1986       |            |      | .6           | 78.0  |     |               | 21.6  |      |                  |       |      |      |  |      |        |
| 1987       |            |      | 1.0          | 56.3  |     |               | 32.2  | 45.0 |                  |       |      |      |  |      |        |
| 1988       |            |      | .9           | 60.4  |     |               | 16.5  | 82.8 |                  |       |      |      |  |      |        |
| 1989       |            | .1   | .8           | 71.9  |     |               | 20.8  | 79.1 |                  |       |      |      |  |      |        |
| 1990       |            | 4.2  | .0           | 89.1  |     |               | 9.2   | 90.8 |                  |       |      |      |  |      |        |
| 1991       |            | 10.8 | .1           | 94.3  |     |               | 12.7  | 87.2 |                  |       |      |      |  |      |        |
| 1992       |            | 13.6 |              | 97.4  |     |               | 31.2  | 68.8 |                  |       |      |      |  |      |        |
| 1993       | 1.3        | 14.9 |              | 98.7  |     |               | 32.3  | 67.7 |                  |       |      |      |  |      |        |
| 1994       | .0         | 14.8 |              | 96.6  |     |               | 49.7  | 50.3 | 98.4             | 1.3   |      |      |  |      |        |
| 1995       |            | 7.5  |              | 97.8  |     |               | 56.0  | 44.0 | 97.5             | 1.0   | 1.5  |      |  |      |        |
| 1996       | 52.1       | 6.1  |              | 97.8  |     |               | 100.0 |      | 98.3             | 1.3   |      |      |  |      |        |
| 1997       | 35.5       | 13.3 |              | 98.0  |     |               | 100.0 |      | 97.8             | 1.7   |      |      |  |      |        |
| 1998       | 40.3       | 14.7 |              | 100.0 |     |               | 100.0 |      | 95.4             |       | 4.6  |      |  |      |        |
| 1999       | 76.0       | 4.8  |              | 100.0 |     |               | 100.0 |      | 88.2             |       | 11.8 |      |  | 11.8 |        |
| 2000       | 78.4       | 3.7  |              | 100.0 |     |               | 100.0 |      | 78.9             |       | 21.1 |      |  | 21.1 |        |
| 2001       | 88.5       | 1.9  |              | 100.0 |     |               | 100.0 |      | 72.8             |       | 27.2 |      |  | 26.7 |        |
| 2002       | 90.9       | 2.8  |              | 100.0 |     |               | 100.0 |      | 75.3             |       | 24.7 |      |  | 23.9 |        |
| 2003       | 88.6       | 6.0  |              | 100.0 |     |               | 100.0 |      | 69.9             |       | 30.1 |      |  | 29.3 |        |
| 2004       | 93.2       | 5.0  |              | 100.0 |     |               | 100.0 |      | 35.2             |       | 64.8 |      |  | 64.8 |        |
| 2005       | 92.3       | 6.6  |              | 96.2  | 3.8 |               | 100.0 |      | 57.4             |       | 42.6 |      |  | 38.8 |        |
| 2006       | 94.0       | 6.0  |              | 96.4  | 3.6 |               | 100.0 |      | 43.8             |       | 56.2 |      |  | 47.1 |        |
| 2007       | 94.0       | 6.0  |              | 97.2  | 2.8 |               | 100.0 |      | 39.0             |       | 61.0 |      |  | 59.2 |        |

Table G-20

Characteristics of 1975 to 2007 5000 lb. Vans

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 12          | .001 | 12.0                     | 9.7      | 10.7    | 10.2     | 5000    | 398    | 200 | 12.3      | 124     | .497    | .0401  | 25.5     |
| 1976       | 8           | .001 | 12.4                     | 10.1     | 10.9    | 10.5     | 5000    | 369    | 169 | 13.9      | 115     | .455    | .0338  | 26.3     |
| 1977       | 18          | .001 | 12.4                     | 10.0     | 11.2    | 10.5     | 5000    | 404    | 187 | 12.6      | 121     | .464    | .0375  | 26.3     |
| 1978       | 12          | .001 | 12.5                     | 10.3     | 11.0    | 10.6     | 5000    | 389    | 183 | 12.9      | 119     | .470    | .0365  | 26.5     |
| 1979       | 96          | .007 | 11.8                     | 9.6      | 10.6    | 10.0     | 5000    | 347    | 155 | 14.9      | 111     | .446    | .0309  | 25.4     |
| 1980       | 35          | .003 | 14.2                     | 11.4     | 13.1    | 12.1     | 5000    | 334    | 148 | 15.3      | 109     | .441    | .0295  | 30.3     |
| 1981       | 26          | .002 | 14.8                     | 11.9     | 13.6    | 12.6     | 5000    | 325    | 145 | 15.5      | 109     | .448    | .0290  | 31.8     |
| 1982       | 36          | .004 | 15.1                     | 12.1     | 13.8    | 12.8     | 5000    | 320    | 144 | 15.6      | 108     | .450    | .0288  | 32.3     |
| 1983       | 49          | .005 | 17.1                     | 13.5     | 16.0    | 14.5     | 5000    | 336    | 143 | 15.7      | 108     | .431    | .0286  | 38.0     |
| 1984       | 54          | .004 | 15.6                     | 12.3     | 14.7    | 13.3     | 5000    | 329    | 155 | 14.9      | 111     | .472    | .0310  | 34.1     |
| 1985       | 52          | .004 | 15.4                     | 12.2     | 14.4    | 13.1     | 5000    | 323    | 157 | 14.6      | 112     | .486    | .0315  | 33.3     |
| 1986       | 61          | .004 | 16.0                     | 12.5     | 15.0    | 13.5     | 5000    | 326    | 162 | 14.4      | 113     | .495    | .0324  | 34.2     |
| 1987       | 64          | .004 | 15.9                     | 12.3     | 15.0    | 13.4     | 5000    | 322    | 167 | 14.0      | 115     | .516    | .0334  | 33.8     |
| 1988       | 100         | .007 | 16.7                     | 12.8     | 16.1    | 14.2     | 5000    | 312    | 156 | 14.7      | 112     | .500    | .0313  | 35.6     |
| 1989       | 99          | .007 | 16.5                     | 12.5     | 15.8    | 13.9     | 5000    | 315    | 159 | 14.5      | 113     | .503    | .0318  | 34.9     |
| 1990       | 83          | .007 | 16.5                     | 12.5     | 15.7    | 13.9     | 5000    | 317    | 165 | 14.1      | 114     | .519    | .0331  | 34.8     |
| 1991       | 55          | .004 | 16.6                     | 12.5     | 15.8    | 13.9     | 5000    | 315    | 165 | 14.1      | 114     | .522    | .0330  | 34.9     |
| 1992       | 92          | .008 | 17.5                     | 13.1     | 16.7    | 14.7     | 5000    | 305    | 169 | 13.8      | 115     | .557    | .0339  | 36.9     |
| 1993       | 101         | .008 | 17.7                     | 13.1     | 16.9    | 14.8     | 5000    | 306    | 184 | 12.8      | 120     | .607    | .0369  | 37.1     |
| 1994       | 108         | .008 | 17.6                     | 12.9     | 17.0    | 14.7     | 5000    | 308    | 190 | 12.5      | 121     | .623    | .0381  | 36.8     |
| 1995       | 106         | .007 | 17.8                     | 13.0     | 16.9    | 14.7     | 5000    | 302    | 184 | 12.9      | 120     | .613    | .0367  | 36.9     |
| 1996       | 100         | .008 | 17.8                     | 12.9     | 17.0    | 14.8     | 5000    | 317    | 203 | 12.0      | 125     | .644    | .0407  | 37.0     |
| 1997       | 135         | .009 | 19.0                     | 13.7     | 18.1    | 15.7     | 5000    | 296    | 219 | 11.1      | 129     | .743    | .0438  | 39.3     |
| 1998       | 135         | .009 | 18.6                     | 13.3     | 17.8    | 15.4     | 5000    | 295    | 217 | 11.2      | 129     | .738    | .0433  | 38.5     |
| 1999       | 176         | .012 | 18.2                     | 13.0     | 17.3    | 15.0     | 5000    | 296    | 218 | 11.2      | 129     | .741    | .0437  | 37.4     |
| 2000       | 145         | .009 | 18.4                     | 13.1     | 17.1    | 15.0     | 5000    | 292    | 219 | 11.2      | 129     | .751    | .0437  | 37.6     |
| 2001       | 174         | .011 | 19.1                     | 13.4     | 17.9    | 15.5     | 5000    | 284    | 226 | 10.8      | 131     | .800    | .0452  | 39.0     |
| 2002       | 155         | .010 | 18.7                     | 13.2     | 17.3    | 15.2     | 5000    | 262    | 210 | 11.5      | 127     | .813    | .0420  | 38.1     |
| 2003       | 137         | .009 | 19.3                     | 13.5     | 17.7    | 15.6     | 5000    | 252    | 204 | 11.8      | 125     | .820    | .0409  | 39.1     |
| 2004       | 101         | .006 | 20.4                     | 13.9     | 19.4    | 16.5     | 5000    | 241    | 205 | 11.7      | 126     | .857    | .0410  | 41.4     |
| 2005       | 130         | .008 | 20.7                     | 14.0     | 19.6    | 16.7     | 5000    | 234    | 202 | 11.9      | 125     | .869    | .0404  | 41.9     |
| 2006       | 52          | .003 | 19.9                     | 13.8     | 18.2    | 16.0     | 5000    | 266    | 212 | 11.5      | 128     | .800    | .0424  | 40.1     |
| 2007       | 14          | .001 | 21.2                     | 14.7     | 19.2    | 17.0     | 5000    | 272    | 210 | 11.6      | 127     | .769    | .0421  | 42.4     |

Percent of 5000 lb. Vans:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |     |        |
|------------|------------|------|--------------|-------|-----|---------------|-------|------|------------------|-------|------|------|-----|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE | VVT | HYBRID |
| 1975       |            |      | 13.1         |       |     |               |       |      |                  |       |      |      |     |        |
| 1976       |            |      | 1.9          |       |     |               |       |      |                  |       |      |      |     |        |
| 1977       |            |      | 2.7          |       |     |               |       |      |                  |       |      |      |     |        |
| 1978       |            |      | 1.0          |       |     |               |       |      |                  |       |      |      |     |        |
| 1979       |            |      | 4.3          | 6.5   |     |               |       |      |                  |       |      |      |     |        |
| 1980       |            |      | 5.0          | 19.9  |     |               |       |      |                  |       |      |      |     |        |
| 1981       |            |      | 4.8          | 31.7  |     |               |       |      |                  |       |      |      |     |        |
| 1982       |            |      | 4.7          | 29.4  |     |               |       |      |                  |       |      |      |     |        |
| 1983       |            |      | 2.6          | 69.4  |     |               |       | 26.9 |                  |       |      |      |     |        |
| 1984       |            |      | 3.5          | 51.9  |     |               |       | 8.4  |                  |       |      |      |     |        |
| 1985       |            |      | 1.5          | 65.2  |     |               |       | 2.8  |                  |       |      |      |     |        |
| 1986       |            |      | .7           | 58.7  |     |               | 23.5  | 1.4  |                  |       |      |      |     |        |
| 1987       |            |      | .4           | 48.1  |     |               | 40.0  | 13.6 |                  |       |      |      |     |        |
| 1988       |            |      | .0           | 74.2  |     |               | 84.0  | 14.3 |                  |       |      |      |     |        |
| 1989       |            |      | .0           | 76.6  |     |               | 83.0  | 16.5 |                  |       |      |      |     |        |
| 1990       |            | .3   |              | 86.9  |     |               | 81.8  | 17.5 |                  |       |      |      |     |        |
| 1991       |            |      |              | 86.4  |     |               | 82.8  | 16.3 |                  |       |      |      |     |        |
| 1992       |            | 15.4 |              | 81.4  |     |               | 90.0  | 9.5  |                  |       |      |      |     |        |
| 1993       |            | 18.3 |              | 86.4  |     |               | 94.3  | 5.7  |                  |       |      |      |     |        |
| 1994       |            | 18.3 |              | 88.0  |     |               | 98.0  | 2.0  | 100.0            |       |      |      |     |        |
| 1995       | 1.7        | 22.7 | .7           | 87.0  |     |               | 90.2  | 9.8  | 100.0            |       |      |      |     |        |
| 1996       |            | 15.2 |              | 93.1  |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 1997       |            | 16.9 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 1998       |            | 15.3 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 1999       | .1         | 11.3 |              | 100.0 |     |               | 100.0 |      | 99.9             |       |      |      |     |        |
| 2000       |            | 16.7 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 2001       |            | 12.7 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 2002       | 32.1       | 13.3 |              | 100.0 |     |               | 100.0 |      | 67.9             |       | 32.1 |      |     |        |
| 2003       | 37.7       | 15.3 |              | 100.0 |     |               | 100.0 |      | 62.3             |       | 37.7 |      |     |        |
| 2004       | 52.5       | 10.0 |              | 100.0 |     |               | 100.0 |      | 47.5             |       | 52.5 |      |     |        |
| 2005       | 58.9       | 10.5 |              | 100.0 |     |               | 100.0 |      | 41.1             |       | 58.9 |      |     |        |
| 2006       |            | 15.7 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |
| 2007       |            |      |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |     |        |

Table G-21

## Characteristics of 1975 to 2007 5500 lb. Vans

| MODEL<br>YEAR | SALES<br>(000) | FRAC | FUEL ECONOMY          |             |            |                      | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|-----------------------|-------------|------------|----------------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | <----<br>LAB<br>55/45 | ADJ<br>CITY | ADJ<br>HWY | ----><br>ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1979          | 16             | .001 | 11.4                  | 9.5         | 9.9        | 9.7                  | 5500       | 377    | 168 | 15.6         | 112        | .438       | .0305     | 26.9        |
| 1980          | 8              | .001 | 12.4                  | 10.0        | 11.2       | 10.5                 | 5500       | 356    | 154 | 16.0         | 108        | .431       | .0279     | 28.9        |
| 1981          | 0              | .000 | 12.3                  | 9.9         | 11.2       | 10.5                 | 5500       | 346    | 154 | 15.9         | 109        | .447       | .0281     | 29.0        |
| 1982          | 0              | .000 | 13.4                  | 10.9        | 12.1       | 11.4                 | 5500       | 337    | 143 | 16.8         | 106        | .427       | .0260     | 31.4        |
| 1983          | 5              | .000 | 18.2                  | 14.2        | 17.5       | 15.5                 | 5500       | 369    | 140 | 17.2         | 105        | .383       | .0255     | 46.3        |
| 1984          | 6              | .000 | 14.5                  | 11.4        | 13.9       | 12.4                 | 5500       | 362    | 158 | 15.8         | 109        | .438       | .0287     | 37.1        |
| 1985          | 5              | .000 | 12.9                  | 10.3        | 12.0       | 11.0                 | 5500       | 351    | 180 | 14.1         | 115        | .512       | .0327     | 30.4        |
| 1986          | 6              | .000 | 15.0                  | 12.0        | 13.7       | 12.7                 | 5500       | 286    | 158 | 15.9         | 110        | .594       | .0288     | 36.6        |
| 1987          | 4              | .000 | 14.6                  | 11.3        | 13.8       | 12.4                 | 5500       | 346    | 195 | 13.2         | 119        | .564       | .0356     | 34.6        |
| 1988          | 10             | .001 | 14.2                  | 11.0        | 13.3       | 12.0                 | 5500       | 346    | 195 | 13.2         | 119        | .562       | .0355     | 33.4        |
| 1989          | 5              | .000 | 14.4                  | 11.2        | 13.4       | 12.1                 | 5500       | 343    | 192 | 13.5         | 118        | .559       | .0349     | 34.0        |
| 1990          | 9              | .001 | 14.4                  | 10.7        | 14.3       | 12.2                 | 5500       | 347    | 199 | 13.0         | 120        | .574       | .0363     | 33.7        |
| 1991          | 10             | .001 | 15.2                  | 11.3        | 14.9       | 12.8                 | 5500       | 334    | 187 | 13.8         | 117        | .556       | .0340     | 35.3        |
| 1992          | 18             | .002 | 15.9                  | 11.8        | 15.3       | 13.3                 | 5500       | 323    | 178 | 14.4         | 115        | .548       | .0323     | 36.8        |
| 1993          | 31             | .002 | 16.1                  | 12.1        | 15.2       | 13.4                 | 5500       | 321    | 178 | 14.3         | 115        | .553       | .0324     | 37.1        |
| 1994          | 27             | .002 | 16.2                  | 12.1        | 15.1       | 13.5                 | 5500       | 316    | 174 | 14.6         | 114        | .550       | .0316     | 37.2        |
| 1995          | 27             | .002 | 16.2                  | 12.0        | 15.1       | 13.4                 | 5500       | 314    | 172 | 14.8         | 113        | .545       | .0312     | 37.1        |
| 1996          | 25             | .002 | 15.8                  | 11.6        | 14.8       | 13.1                 | 5500       | 314    | 169 | 15.0         | 112        | .536       | .0308     | 36.0        |
| 1997          | 27             | .002 | 17.3                  | 12.4        | 16.7       | 14.3                 | 5500       | 288    | 212 | 12.4         | 124        | .743       | .0385     | 39.6        |
| 1998          | 31             | .002 | 17.4                  | 12.4        | 16.9       | 14.4                 | 5500       | 296    | 217 | 12.1         | 125        | .738       | .0395     | 39.7        |
| 1999          | 36             | .002 | 17.5                  | 12.3        | 16.9       | 14.4                 | 5500       | 294    | 226 | 11.8         | 127        | .772       | .0410     | 39.7        |
| 2000          | 17             | .001 | 17.2                  | 12.2        | 16.3       | 14.1                 | 5500       | 296    | 221 | 12.1         | 126        | .752       | .0402     | 39.0        |
| 2001          | 66             | .004 | 17.4                  | 12.1        | 16.9       | 14.3                 | 5500       | 314    | 249 | 10.8         | 133        | .798       | .0452     | 39.3        |
| 2002          | 11             | .001 | 17.5                  | 12.3        | 16.4       | 14.2                 | 5500       | 298    | 228 | 11.6         | 128        | .780       | .0415     | 39.4        |
| 2003          | 21             | .001 | 18.2                  | 12.9        | 16.6       | 14.7                 | 5500       | 312    | 263 | 10.4         | 137        | .844       | .0479     | 40.6        |
| 2004          | 6              | .000 | 19.1                  | 13.3        | 17.5       | 15.4                 | 5500       | 298    | 251 | 10.8         | 134        | .842       | .0457     | 42.4        |
| 2005          | 4              | .000 | 19.3                  | 13.3        | 17.8       | 15.5                 | 5500       | 301    | 260 | 10.6         | 136        | .859       | .0472     | 42.8        |
| 2006          | 5              | .000 | 19.1                  | 13.2        | 17.4       | 15.3                 | 5500       | 298    | 254 | 10.8         | 135        | .847       | .0462     | 42.2        |
| 2007          | 1              | .000 | 19.5                  | 13.3        | 18.3       | 15.8                 | 5500       | 325    | 295 | 9.4          | 146        | .908       | .0536     | 43.4        |

## Percent of 5500 lb. Vans:

| MODEL<br>YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|------|--------------|-------|-----|---------------|-------|------|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1979          |            |      | 3.1          |       |     |               |       |      |                  |       |      |      |  |     |        |
| 1980          |            |      |              | .8    |     |               |       |      |                  |       |      |      |  |     |        |
| 1981          |            |      | 4.4          |       |     |               |       |      |                  |       |      |      |  |     |        |
| 1982          |            |      | 2.3          | 2.5   |     |               |       |      |                  |       |      |      |  |     |        |
| 1983          |            |      | .6           | 83.2  |     |               |       | 61.2 |                  |       |      |      |  |     |        |
| 1984          |            |      | 1.0          | 59.3  |     |               |       | 32.8 |                  |       |      |      |  |     |        |
| 1985          |            |      |              | 44.9  |     |               |       |      |                  |       |      |      |  |     |        |
| 1986          |            |      | 32.4         | 35.0  |     |               |       | 32.4 |                  |       |      |      |  |     |        |
| 1987          |            |      |              | 50.7  |     |               | 11.6  | 39.1 |                  |       |      |      |  |     |        |
| 1988          |            |      |              | 29.0  |     |               | 71.4  | 24.3 | 1.1              |       |      |      |  |     |        |
| 1989          |            |      |              | 45.0  |     |               | 66.2  | 33.5 |                  |       |      |      |  |     |        |
| 1990          |            |      |              | 95.1  |     |               | 82.5  | 17.5 |                  |       |      |      |  |     |        |
| 1991          |            |      |              | 100.0 |     |               | 89.0  | 10.9 |                  |       |      |      |  |     |        |
| 1992          |            |      |              | 93.7  |     |               | 92.9  | 7.1  |                  |       |      |      |  |     |        |
| 1993          |            | .6   |              | 78.0  |     |               | 89.5  | 10.5 |                  |       |      |      |  |     |        |
| 1994          |            |      |              | 74.1  |     |               | 90.9  | 9.1  | 100.0            |       |      |      |  |     |        |
| 1995          |            |      |              | 70.8  |     |               | 94.9  | 5.1  | 100.0            |       |      |      |  |     |        |
| 1996          |            |      |              | 61.5  |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 1997          | 5.9        |      |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 1998          |            |      |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 1999          | 2.8        |      |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 2000          | 9.9        |      |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 2001          | 1.9        | 17.8 |              | 100.0 |     |               | 100.0 |      | 98.1             |       | 1.9  |      |  |     |        |
| 2002          | 7.1        |      |              | 100.0 |     |               | 100.0 |      | 92.9             |       | 7.1  |      |  |     |        |
| 2003          | 1.4        | 1.9  |              | 100.0 |     |               | 100.0 |      | 98.6             |       | 1.4  |      |  |     |        |
| 2004          |            | 24.9 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 2005          |            | 39.2 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 2006          |            | 46.1 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |
| 2007          |            | 83.6 |              | 100.0 |     |               | 100.0 |      | 100.0            |       |      |      |  |     |        |

Table G-22

Characteristics of 1975 to 2007 6000 lb. Vans

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 0           | .000 | 11.1                     | 9.1      | 9.7     | 9.4      | 6000    | 317    | 148 | 17.1      | 105     | .470    | .0248  | 28.5     |
| 1976       | 0           | .000 | 11.9                     | 9.7      | 10.6    | 10.1     | 6000    | 325    | 144 | 17.5      | 103     | .445    | .0240  | 30.5     |
| 1977       | 1           | .000 | 13.0                     | 10.9     | 11.2    | 11.0     | 6000    | 318    | 148 | 17.3      | 105     | .468    | .0247  | 33.2     |
| 1978       | 1           | .000 | 12.5                     | 10.4     | 10.9    | 10.6     | 6000    | 324    | 154 | 16.8      | 106     | .475    | .0256  | 31.9     |
| 1979       | 3           | .000 | 10.6                     | 8.4      | 10.1    | 9.1      | 6000    | 460    | 270 | 10.8      | 135     | .587    | .0450  | 27.2     |
| 1980       | 1           | .000 | 10.9                     | 9.1      | 9.4     | 9.2      | 6000    | 400    | 187 | 14.6      | 114     | .467    | .0312  | 27.7     |
| 1982       | 0           | .000 | 11.9                     | 9.5      | 10.8    | 10.1     | 6000    | 350    | 165 | 16.1      | 109     | .471    | .0275  | 30.3     |
| 1983       | 0           | .000 | 12.6                     | 10.1     | 11.6    | 10.7     | 6000    | 366    | 150 | 17.4      | 105     | .410    | .0250  | 32.2     |
| 1984       | 0           | .000 | 12.9                     | 10.3     | 11.8    | 10.9     | 6000    | 366    | 150 | 17.4      | 105     | .410    | .0250  | 32.8     |
| 1985       | 1           | .000 | 21.3                     | 16.2     | 21.5    | 18.2     | 6000    | 376    | 133 | 19.2      | 101     | .354    | .0222  | 55.7     |
| 1986       | 1           | .000 | 23.1                     | 17.5     | 22.9    | 19.6     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 58.9     |
| 1987       | 0           | .000 | 22.9                     | 17.4     | 22.4    | 19.4     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 58.1     |
| 1988       | 0           | .000 | 21.7                     | 16.1     | 21.9    | 18.4     | 6000    | 379    | 126 | 20.0      | 99      | .332    | .0210  | 55.1     |
| 1989       | 0           | .000 | 21.3                     | 16.0     | 20.8    | 18.0     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 53.9     |
| 1990       | 0           | .000 | 21.5                     | 15.8     | 21.7    | 18.2     | 6000    | 379    | 135 | 18.9      | 101     | .356    | .0225  | 54.5     |
| 1991       | 0           | .000 | 20.4                     | 15.2     | 19.8    | 17.1     | 6000    | 379    | 140 | 18.4      | 103     | .369    | .0233  | 51.4     |
| 1992       | 4           | .000 | 15.0                     | 10.8     | 15.2    | 12.6     | 6000    | 352    | 202 | 13.7      | 118     | .574    | .0337  | 38.0     |
| 1993       | 0           | .000 | 21.3                     | 15.7     | 20.2    | 17.7     | 6000    | 379    | 145 | 17.9      | 104     | .383    | .0242  | 53.0     |
| 1994       | 6           | .000 | 15.5                     | 11.2     | 15.4    | 13.0     | 6000    | 351    | 204 | 13.6      | 119     | .582    | .0341  | 39.0     |
| 1995       | 6           | .000 | 16.1                     | 11.5     | 15.9    | 13.4     | 6000    | 344    | 197 | 14.1      | 117     | .570    | .0328  | 40.3     |
| 1996       | 5           | .000 | 16.1                     | 11.5     | 15.9    | 13.4     | 6000    | 350    | 205 | 13.5      | 119     | .587    | .0342  | 40.2     |
| 1997       | 3           | .000 | 16.3                     | 11.6     | 16.1    | 13.6     | 6000    | 331    | 226 | 12.5      | 124     | .683    | .0377  | 40.8     |
| 1998       | 2           | .000 | 16.4                     | 11.6     | 16.1    | 13.6     | 6000    | 330    | 226 | 12.5      | 124     | .684    | .0376  | 40.9     |
| 1999       | 3           | .000 | 16.0                     | 11.3     | 15.7    | 13.3     | 6000    | 329    | 234 | 12.2      | 126     | .709    | .0390  | 39.8     |
| 2000       | 3           | .000 | 16.2                     | 11.6     | 15.2    | 13.3     | 6000    | 330    | 250 | 11.5      | 130     | .759    | .0417  | 39.9     |
| 2001       | 67          | .004 | 16.0                     | 11.2     | 15.4    | 13.1     | 6000    | 330    | 260 | 11.2      | 132     | .787    | .0433  | 39.4     |
| 2002       | 4           | .000 | 17.1                     | 12.0     | 16.0    | 13.9     | 6000    | 330    | 254 | 11.4      | 131     | .771    | .0424  | 41.7     |
| 2003       | 17          | .001 | 18.5                     | 12.8     | 17.4    | 15.0     | 6000    | 322    | 281 | 10.5      | 138     | .871    | .0468  | 45.3     |
| 2004       | 16          | .001 | 18.7                     | 13.1     | 17.2    | 15.1     | 6000    | 324    | 278 | 10.6      | 137     | .857    | .0463  | 45.5     |
| 2005       | 11          | .001 | 18.2                     | 12.7     | 16.5    | 14.7     | 6000    | 325    | 278 | 10.6      | 137     | .856    | .0463  | 44.0     |
| 2006       | 7           | .000 | 18.4                     | 12.8     | 16.8    | 14.8     | 6000    | 325    | 287 | 10.3      | 139     | .882    | .0478  | 44.5     |
| 2007       | 13          | .001 | 18.4                     | 12.8     | 16.7    | 14.8     | 6000    | 325    | 295 | 10.1      | 141     | .908    | .0492  | 44.3     |

Percent of 6000 lb. Vans:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |       |     | FUEL METERING |       |       | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|------------|------------|------|--------------|-------|-----|---------------|-------|-------|------------------|-------|------|------|--|-----|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL   | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1975       |            |      | 85.3         |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1976       |            |      | 85.7         |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1977       |            |      | 65.6         |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1978       |            |      | 64.3         |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1979       |            |      |              |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1980       |            |      |              |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1982       |            |      |              | 100.0 |     |               |       |       |                  |       |      |      |  |     |        |
| 1983       |            |      |              |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1984       |            |      |              |       |     |               |       |       |                  |       |      |      |  |     |        |
| 1985       |            |      | 2.1          | 97.9  |     |               |       | 91.2  |                  |       |      |      |  |     |        |
| 1986       |            |      | 2.2          | 97.8  |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1987       |            |      | .6           | 99.4  |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1988       |            |      | .9           | 99.1  |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1989       |            |      | 1.4          | 98.6  |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1990       |            |      |              | 100.0 |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1991       |            |      |              | 100.0 |     |               |       | 100.0 |                  |       |      |      |  |     |        |
| 1992       |            |      |              | 100.0 |     |               | 95.4  | 4.6   |                  |       |      |      |  |     |        |
| 1993       |            |      |              | 100.0 |     |               | 100.0 |       |                  |       |      |      |  |     |        |
| 1994       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 1995       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 1996       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 1997       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 1998       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 1999       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2000       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2001       |            | 95.2 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2002       |            |      |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2003       |            | 39.1 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2004       |            | 17.8 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2005       |            | 18.6 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2006       |            | 21.8 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |
| 2007       |            | 14.8 |              | 100.0 |     |               | 100.0 |       | 100.0            |       |      |      |  |     |        |

Table G-23

Characteristics of 1975 to 2007 6500 lb. Vans

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1975          | 1              | .000 | 10.6                     | 8.9         | 9.0        | 9.0         | 6500       | 321    | 150 | 18.6         | 103        | .468       | .0231     | 29.2        |
| 1976          | 1              | .000 | 11.5                     | 9.4         | 10.4       | 9.8         | 6500       | 324    | 144 | 19.2         | 102        | .447       | .0222     | 31.9        |
| 1977          | 1              | .000 | 12.3                     | 10.3        | 10.6       | 10.4        | 6500       | 316    | 142 | 19.3         | 101        | .453       | .0219     | 34.0        |
| 1978          | 1              | .000 | 11.7                     | 9.7         | 10.3       | 9.9         | 6500       | 328    | 155 | 18.1         | 104        | .474       | .0239     | 32.3        |
| 2000          | 0              | .000 | 14.2                     | 10.1        | 13.5       | 11.7        | 6500       | 330    | 193 | 15.1         | 113        | .585       | .0297     | 37.9        |

Percent of 6500 lb. Vans:

| MODEL<br>YEAR | DRIVETRAIN |     | TRANSMISSION |       |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |     | HYBRID |
|---------------|------------|-----|--------------|-------|-----|---------------|-----|-----|------------------|-------|------|------|-----|--------|
|               | FRONT      | 4WD | MANUAL       | LOCK  | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE | VVT |        |
| 1975          |            |     |              |       |     |               |     |     |                  |       |      |      |     |        |
| 1976          |            |     |              | .2    |     |               |     |     |                  |       |      |      |     |        |
| 1977          |            |     |              |       |     |               |     |     |                  |       |      |      |     |        |
| 1978          |            |     |              |       |     |               |     |     |                  |       |      |      |     |        |
| 2000          |            |     |              | 100.0 |     | 100.0         |     |     | 100.0            |       |      |      |     |        |



Table G-24

## Characteristics of 1975 to 2007 2000 lb. SUVs

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1979          | 1              | .000 | 25.7                     | 20.9        | 23.0       | 21.8        | 2000       | 49     | 41 | 19.7         | 89         | .837       | .0205     | 21.8        |
| 1980          | 3              | .000 | 25.2                     | 20.3        | 22.9       | 21.4        | 2000       | 49     | 41 | 19.7         | 89         | .837       | .0205     | 21.4        |
| 1981          | 1              | .000 | 25.2                     | 20.3        | 22.9       | 21.4        | 2000       | 49     | 41 | 19.7         | 89         | .837       | .0205     | 21.4        |
| 1982          | 1              | .000 | 25.2                     | 21.3        | 21.3       | 21.3        | 2000       | 59     | 45 | 18.3         | 92         | .763       | .0225     | 21.3        |
| 1983          | 1              | .000 | 25.2                     | 21.3        | 21.3       | 21.3        | 2000       | 59     | 45 | 18.3         | 92         | .763       | .0225     | 21.3        |

## Percent of 2000 lb. SUVs:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-------|--------------|------|-----|---------------|-----|-----|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1979          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1980          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1981          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1982          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1983          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |  |     |        |

Table G-25

## Characteristics of 1975 to 2007 2250 lb. SUVs

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1982          | 2              | .000 | 24.8                     | 20.9        | 21.1       | 21.0        | 2250       | 59     | 45 | 20.1         | 90         | .763       | .0200     | 23.6        |
| 1983          | 3              | .000 | 24.8                     | 20.9        | 21.1       | 21.0        | 2250       | 59     | 45 | 20.0         | 90         | .763       | .0200     | 23.6        |
| 1984          | 5              | .000 | 28.8                     | 25.3        | 23.1       | 24.2        | 2250       | 59     | 45 | 20.0         | 90         | .763       | .0200     | 27.3        |
| 1985          | 6              | .000 | 28.8                     | 25.3        | 23.1       | 24.2        | 2250       | 61     | 45 | 20.0         | 90         | .738       | .0200     | 27.3        |
| 1986          | 37             | .002 | 33.1                     | 27.0        | 29.1       | 27.9        | 2250       | 81     | 64 | 15.3         | 99         | .790       | .0284     | 31.4        |
| 1987          | 63             | .004 | 33.1                     | 26.8        | 29.0       | 27.8        | 2250       | 81     | 64 | 15.3         | 99         | .790       | .0284     | 31.3        |
| 1988          | 83             | .005 | 33.3                     | 27.0        | 28.7       | 27.7        | 2250       | 81     | 64 | 15.3         | 99         | .790       | .0284     | 31.2        |
| 1989          | 5              | .000 | 33.4                     | 27.0        | 28.4       | 27.7        | 2250       | 80     | 64 | 15.3         | 99         | .797       | .0284     | 31.1        |

## Percent of 2250 lb. SUVs:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |       |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-------|--------------|-------|-----|---------------|-----|-----|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK  | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1982          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1983          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1984          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1985          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1986          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1987          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1988          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |
| 1989          |            | 100.0 |              | 100.0 |     |               |     |     |                  |       |      |      |  |     |        |

Table G-26

Characteristics of 1975 to 2007 2500 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |    | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP |           |         |         |        |          |
| 1982       | 11          | .001 | 23.6                     | 20.7     | 19.1    | 19.9     | 2500    | 151    | 84 | 13.7      | 106     | .556    | .0336  | 24.9     |
| 1983       | 13          | .001 | 23.2                     | 20.4     | 18.7    | 19.6     | 2500    | 151    | 87 | 13.3      | 107     | .580    | .0350  | 24.5     |
| 1984       | 3           | .000 | 22.6                     | 19.7     | 18.3    | 19.1     | 2500    | 150    | 93 | 12.6      | 110     | .620    | .0372  | 23.8     |
| 1989       | 39          | .003 | 31.3                     | 25.3     | 26.8    | 26.0     | 2500    | 97     | 80 | 14.1      | 104     | .825    | .0320  | 32.6     |
| 1990       | 34          | .003 | 31.9                     | 25.4     | 27.4    | 26.3     | 2500    | 94     | 78 | 14.3      | 103     | .827    | .0310  | 32.9     |
| 1991       | 15          | .001 | 31.2                     | 24.8     | 26.7    | 25.7     | 2500    | 91     | 75 | 14.7      | 102     | .829    | .0300  | 32.2     |
| 1992       | 19          | .002 | 30.0                     | 23.7     | 25.5    | 24.6     | 2500    | 94     | 77 | 14.4      | 103     | .827    | .0310  | 30.8     |
| 1993       | 19          | .001 | 29.4                     | 23.0     | 25.0    | 24.0     | 2500    | 96     | 79 | 14.2      | 104     | .825    | .0317  | 30.0     |
| 1994       | 30          | .002 | 29.4                     | 23.0     | 24.9    | 23.9     | 2500    | 95     | 79 | 14.3      | 104     | .829    | .0315  | 30.0     |
| 1995       | 20          | .001 | 29.7                     | 22.8     | 25.4    | 24.0     | 2500    | 97     | 81 | 13.9      | 105     | .840    | .0325  | 30.1     |
| 1996       | 3           | .000 | 29.3                     | 22.3     | 25.1    | 23.6     | 2500    | 97     | 95 | 12.3      | 111     | .979    | .0380  | 29.6     |
| 1997       | 4           | .000 | 28.4                     | 21.6     | 23.9    | 22.8     | 2500    | 97     | 95 | 12.4      | 111     | .979    | .0380  | 28.5     |
| 1998       | 6           | .000 | 28.5                     | 21.5     | 23.9    | 22.7     | 2500    | 97     | 95 | 12.3      | 111     | .979    | .0380  | 28.4     |

Percent of 2500 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |       |      | FUEL METERING |       |      | NUMBER OF VALVES |       |      |       |  | VVT | HYBRID |
|------------|------------|-------|--------------|-------|------|---------------|-------|------|------------------|-------|------|-------|--|-----|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK  | CVT  | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE  |  |     |        |
| 1982       |            |       |              |       |      |               |       |      |                  |       |      |       |  |     |        |
| 1983       |            |       |              |       |      |               |       |      |                  |       |      |       |  |     |        |
| 1984       |            |       |              |       |      |               |       |      |                  |       |      |       |  |     |        |
| 1989       |            | 100.0 |              | 56.2  | 43.8 |               |       |      |                  | 100.0 |      |       |  |     |        |
| 1990       |            | 95.5  |              | 100.0 |      |               |       |      |                  | 100.0 |      |       |  |     |        |
| 1991       |            | 20.6  |              | 100.0 |      |               |       |      |                  | 100.0 |      |       |  |     |        |
| 1992       |            | 11.5  |              | 75.8  | 24.2 |               |       |      |                  | 100.0 |      |       |  |     |        |
| 1993       |            | 2.4   |              | 67.2  | 32.8 |               | 6.5   | 93.5 |                  |       |      |       |  |     |        |
| 1994       |            | 11.0  |              | 60.4  | 39.6 |               | 7.4   | 92.6 |                  | 97.7  |      | 2.3   |  |     |        |
| 1995       |            | 5.9   |              | 60.8  | 39.2 |               | 10.0  | 90.0 |                  | 100.0 |      |       |  |     |        |
| 1996       |            |       |              | 66.6  | 33.4 |               | 100.0 |      |                  |       |      | 100.0 |  |     |        |
| 1997       |            |       |              | 27.2  | 72.8 |               | 100.0 |      |                  |       |      | 100.0 |  |     |        |
| 1998       |            |       |              | 52.5  | 47.5 |               | 100.0 |      |                  |       |      | 100.0 |  |     |        |

Table G-27

Characteristics of 1975 to 2007 2750 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 47          | .005 | 16.8                     | 13.5     | 15.5    | 14.3     | 2750    | 275    | 120 | 11.4      | 119     | .429    | .0435  | 19.8     |
| 1976       | 41          | .003 | 17.8                     | 14.7     | 15.5    | 15.1     | 2750    | 268    | 102 | 12.6      | 111     | .379    | .0371  | 20.8     |
| 1977       | 44          | .003 | 18.6                     | 15.2     | 16.6    | 15.8     | 2750    | 271    | 103 | 12.4      | 112     | .381    | .0377  | 21.8     |
| 1978       | 58          | .004 | 18.1                     | 14.8     | 16.2    | 15.4     | 2750    | 270    | 102 | 12.5      | 111     | .379    | .0373  | 21.2     |
| 1979       | 9           | .001 | 20.8                     | 17.5     | 17.7    | 17.6     | 2750    | 121    | 80  | 15.4      | 102     | .661    | .0291  | 24.2     |
| 1986       | 0           | .000 | 25.6                     | 20.0     | 24.2    | 21.7     | 2750    | 96     | 86  | 14.2      | 104     | .896    | .0313  | 29.8     |
| 1989       | 0           | .000 | 29.3                     | 23.9     | 24.9    | 24.3     | 2750    | 97     | 80  | 15.4      | 102     | .825    | .0291  | 33.5     |
| 1990       | 14          | .001 | 28.7                     | 23.2     | 24.4    | 23.7     | 2750    | 97     | 80  | 15.4      | 102     | .825    | .0291  | 32.6     |
| 1991       | 28          | .002 | 28.9                     | 23.0     | 24.8    | 23.8     | 2750    | 97     | 80  | 15.2      | 102     | .825    | .0291  | 32.8     |
| 1992       | 27          | .002 | 29.0                     | 22.8     | 24.8    | 23.8     | 2750    | 97     | 82  | 14.8      | 103     | .849    | .0300  | 32.7     |
| 1993       | 24          | .002 | 29.0                     | 22.7     | 24.7    | 23.6     | 2750    | 97     | 81  | 15.0      | 102     | .836    | .0295  | 32.6     |
| 1994       | 41          | .003 | 28.6                     | 22.3     | 24.3    | 23.3     | 2750    | 97     | 83  | 14.8      | 103     | .857    | .0302  | 32.0     |
| 1995       | 39          | .003 | 28.4                     | 21.8     | 24.2    | 23.0     | 2750    | 97     | 95  | 13.3      | 108     | .979    | .0345  | 31.6     |
| 1996       | 44          | .003 | 28.5                     | 21.6     | 24.5    | 23.0     | 2750    | 99     | 97  | 13.1      | 109     | .980    | .0353  | 31.7     |
| 1997       | 12          | .001 | 28.6                     | 21.6     | 24.4    | 22.9     | 2750    | 100    | 98  | 13.0      | 110     | .980    | .0358  | 31.6     |
| 1998       | 9           | .001 | 28.5                     | 21.5     | 23.9    | 22.7     | 2750    | 97     | 95  | 13.3      | 108     | .979    | .0345  | 31.2     |
| 1999       | 2           | .000 | 31.0                     | 22.9     | 26.3    | 24.6     | 2750    | 97     | 97  | 12.9      | 109     | 1.001   | .0354  | 33.8     |
| 2000       | 1           | .000 | 31.1                     | 22.8     | 26.3    | 24.6     | 2750    | 97     | 97  | 12.9      | 109     | 1.000   | .0353  | 33.8     |
| 2001       | 0           | .000 | 31.0                     | 22.7     | 26.0    | 24.4     | 2750    | 122    | 97  | 12.9      | 109     | .795    | .0353  | 33.6     |

Percent of 2750 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |       |     | FUEL METERING |       |     | NUMBER OF VALVES |       |       |      |     |        |
|------------|------------|-------|--------------|-------|-----|---------------|-------|-----|------------------|-------|-------|------|-----|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK  | CVT | PORT          | TBI   | DSL | TWO              | THREE | FOUR  | FIVE | VVT | HYBRID |
| 1975       |            | 100.0 | 100.0        |       |     |               |       |     |                  |       |       |      |     |        |
| 1976       |            | 100.0 | 89.1         |       |     |               |       |     |                  |       |       |      |     |        |
| 1977       |            | 100.0 | 92.5         |       |     |               |       |     |                  |       |       |      |     |        |
| 1978       |            | 100.0 | 89.7         |       |     |               |       |     |                  |       |       |      |     |        |
| 1979       |            |       |              |       |     |               |       |     |                  |       |       |      |     |        |
| 1986       |            | 100.0 | 100.0        |       |     |               |       |     |                  |       |       |      |     |        |
| 1989       |            | 100.0 |              | 100.0 |     |               | 100.0 |     |                  |       |       |      |     |        |
| 1990       |            | 100.0 |              | 100.0 |     |               | 100.0 |     |                  |       |       |      |     |        |
| 1991       |            | 100.0 | 56.7         | 43.3  |     |               | 100.0 |     |                  |       |       |      |     |        |
| 1992       |            | 84.1  | 63.7         | 36.3  |     | 15.9          | 84.1  |     |                  |       |       |      |     |        |
| 1993       |            | 92.9  | 60.6         | 39.4  |     | 21.8          | 78.2  |     |                  |       |       |      |     |        |
| 1994       |            | 92.4  | 49.8         | 50.2  |     | 20.8          | 79.2  |     | 79.2             |       | 20.8  |      |     |        |
| 1995       |            | 97.2  | 46.1         | 53.9  |     | 100.0         |       |     | 100.0            |       |       |      |     |        |
| 1996       | 8.5        | 59.5  | 51.5         | 48.5  |     | 100.0         |       |     |                  |       | 100.0 |      |     |        |
| 1997       | 13.6       | 81.0  | 48.4         | 51.6  |     | 100.0         |       |     |                  |       | 100.0 |      |     |        |
| 1998       |            | 99.4  | 45.8         | 54.2  |     | 100.0         |       |     |                  |       | 100.0 |      |     |        |
| 1999       | 1.4        |       | 100.0        |       |     | 100.0         |       |     | 95.9             |       | 4.1   |      |     |        |
| 2000       |            |       | 100.0        |       |     | 100.0         |       |     | 100.0            |       |       |      |     |        |
| 2001       |            |       | 100.0        |       |     | 100.0         |       |     | 100.0            |       |       |      |     |        |

Table G-28

Characteristics of 1975 to 2007 3000 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1976       | 10          | .001 | 15.4                     | 12.3     | 14.2    | 13.1     | 3000    | 304    | 120 | 11.8      | 116     | .395    | .0400  | 19.7     |
| 1977       | 13          | .001 | 16.8                     | 13.7     | 15.1    | 14.3     | 3000    | 304    | 120 | 11.8      | 116     | .395    | .0400  | 21.5     |
| 1978       | 20          | .001 | 16.8                     | 13.5     | 15.3    | 14.2     | 3000    | 304    | 120 | 11.8      | 116     | .395    | .0400  | 21.4     |
| 1979       | 52          | .004 | 17.2                     | 14.3     | 14.9    | 14.6     | 3000    | 258    | 120 | 11.7      | 116     | .465    | .0400  | 21.9     |
| 1980       | 43          | .004 | 19.7                     | 16.0     | 17.6    | 16.7     | 3000    | 222    | 92  | 14.4      | 105     | .440    | .0307  | 25.3     |
| 1981       | 38          | .004 | 20.9                     | 16.8     | 19.0    | 17.7     | 3000    | 223    | 101 | 13.5      | 108     | .469    | .0338  | 26.9     |
| 1982       | 26          | .003 | 20.3                     | 16.0     | 19.2    | 17.3     | 3000    | 239    | 104 | 13.2      | 110     | .447    | .0348  | 26.2     |
| 1983       | 37          | .004 | 20.5                     | 16.3     | 19.0    | 17.4     | 3000    | 250    | 110 | 12.6      | 112     | .444    | .0367  | 26.2     |
| 1984       | 70          | .005 | 22.7                     | 18.3     | 20.6    | 19.3     | 3000    | 202    | 102 | 13.5      | 108     | .528    | .0339  | 29.1     |
| 1985       | 20          | .001 | 24.2                     | 19.1     | 22.8    | 20.6     | 3000    | 152    | 97  | 14.0      | 107     | .639    | .0324  | 31.0     |
| 1986       | 5           | .000 | 24.0                     | 19.2     | 21.7    | 20.3     | 3000    | 150    | 111 | 12.5      | 112     | .735    | .0369  | 30.7     |
| 1987       | 12          | .001 | 22.8                     | 18.2     | 20.6    | 19.2     | 3000    | 150    | 117 | 12.0      | 115     | .780    | .0390  | 28.9     |
| 1988       | 8           | .001 | 22.8                     | 18.1     | 20.4    | 19.1     | 3000    | 150    | 117 | 12.0      | 115     | .780    | .0390  | 28.8     |
| 1989       | 20          | .001 | 22.2                     | 17.4     | 20.0    | 18.6     | 3000    | 150    | 117 | 12.0      | 115     | .780    | .0390  | 27.9     |
| 1990       | 29          | .002 | 23.4                     | 18.4     | 20.6    | 19.4     | 3000    | 136    | 111 | 12.5      | 112     | .830    | .0370  | 29.4     |
| 1991       | 11          | .001 | 27.0                     | 21.6     | 22.9    | 22.2     | 3000    | 99     | 87  | 15.3      | 102     | .876    | .0289  | 33.4     |
| 1992       | 29          | .002 | 23.7                     | 18.5     | 20.8    | 19.5     | 3000    | 139    | 123 | 11.7      | 117     | .890    | .0409  | 29.6     |
| 1993       | 42          | .003 | 24.1                     | 18.8     | 21.0    | 19.8     | 3000    | 135    | 120 | 11.9      | 116     | .899    | .0400  | 30.0     |
| 1994       | 58          | .004 | 23.8                     | 18.4     | 20.5    | 19.4     | 3000    | 135    | 116 | 12.3      | 114     | .865    | .0387  | 29.4     |
| 1995       | 110         | .007 | 23.5                     | 18.1     | 20.1    | 19.1     | 3000    | 138    | 116 | 12.4      | 114     | .847    | .0389  | 28.9     |
| 1996       | 78          | .006 | 28.2                     | 20.9     | 25.2    | 22.9     | 3000    | 114    | 113 | 12.6      | 113     | .986    | .0376  | 34.5     |
| 1997       | 153         | .011 | 27.9                     | 20.5     | 24.9    | 22.6     | 3000    | 127    | 124 | 11.7      | 117     | .980    | .0413  | 34.0     |
| 1998       | 53          | .004 | 28.9                     | 21.1     | 25.5    | 23.2     | 3000    | 114    | 116 | 12.2      | 114     | 1.024   | .0389  | 34.9     |
| 1999       | 55          | .004 | 29.4                     | 21.5     | 25.5    | 23.5     | 3000    | 122    | 125 | 11.5      | 118     | 1.024   | .0417  | 35.3     |
| 2000       | 46          | .003 | 29.3                     | 21.2     | 25.4    | 23.3     | 3000    | 121    | 126 | 11.4      | 118     | 1.044   | .0421  | 35.0     |
| 2001       | 74          | .005 | 29.5                     | 21.2     | 25.5    | 23.3     | 3000    | 122    | 138 | 10.6      | 123     | 1.135   | .0462  | 35.1     |
| 2002       | 69          | .004 | 30.3                     | 21.3     | 26.6    | 24.0     | 3000    | 121    | 144 | 10.3      | 125     | 1.191   | .0480  | 36.0     |
| 2003       | 60          | .004 | 29.6                     | 20.8     | 25.8    | 23.3     | 3000    | 122    | 141 | 10.5      | 124     | 1.158   | .0471  | 35.1     |
| 2004       | 40          | .003 | 30.7                     | 21.4     | 26.7    | 24.1     | 3000    | 144    | 161 | 9.4       | 132     | 1.117   | .0537  | 36.2     |
| 2005       | 41          | .003 | 30.8                     | 21.3     | 26.6    | 24.0     | 3000    | 144    | 161 | 9.4       | 132     | 1.117   | .0537  | 36.0     |

Percent of 3000 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |       |      | FUEL METERING |       |       | NUMBER OF VALVES |       |      |       |  | VVT  | HYBRID |
|------------|------------|-------|--------------|-------|------|---------------|-------|-------|------------------|-------|------|-------|--|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK  | CVT  | PORT          | TBI   | DSL   | TWO              | THREE | FOUR | FIVE  |  |      |        |
| 1976       |            | 100.0 |              | 54.6  |      |               |       |       |                  |       |      |       |  |      |        |
| 1977       |            | 100.0 |              | 70.2  |      |               |       |       |                  |       |      |       |  |      |        |
| 1978       |            | 100.0 |              | 70.0  |      |               |       |       |                  |       |      |       |  |      |        |
| 1979       |            | 100.0 |              | 88.6  |      |               |       |       |                  |       |      |       |  |      |        |
| 1980       |            | 100.0 |              | 100.0 |      |               |       |       |                  |       |      |       |  |      |        |
| 1981       |            | 100.0 |              | 90.6  | 8.7  |               |       |       |                  |       |      |       |  |      |        |
| 1982       |            | 96.6  |              | 87.8  | 12.2 |               |       |       |                  |       |      |       |  |      |        |
| 1983       |            | 100.0 |              | 90.1  | 9.9  |               |       |       |                  |       |      |       |  |      |        |
| 1984       |            | 98.6  |              | 76.6  | 23.4 |               |       |       |                  |       |      |       |  |      |        |
| 1985       |            | 73.2  |              | 62.9  | 37.1 |               |       |       |                  |       |      |       |  |      |        |
| 1986       |            | 54.7  |              | 83.3  | 16.7 |               |       | 44.8  |                  |       |      |       |  |      |        |
| 1987       |            | 87.3  |              | 98.4  | 1.6  |               |       | 100.0 |                  |       |      |       |  |      |        |
| 1988       |            | 85.5  |              | 98.3  | 1.7  |               |       | 100.0 |                  |       |      |       |  |      |        |
| 1989       |            | 97.0  |              | 99.6  | .4   |               |       | 100.0 |                  |       |      |       |  |      |        |
| 1990       |            | 97.5  |              | 99.7  | .3   |               | 26.2  | 73.8  |                  |       |      |       |  |      |        |
| 1991       |            | 96.5  |              | 71.5  | 28.5 |               | 38.3  | 61.7  |                  |       |      |       |  |      |        |
| 1992       |            | 98.3  |              | 97.8  | 2.2  |               | 100.0 |       |                  |       |      |       |  |      |        |
| 1993       |            | 92.3  |              | 86.7  | 13.3 |               | 100.0 |       |                  |       |      |       |  |      |        |
| 1994       |            | 88.3  |              | 79.8  | 20.2 |               | 86.1  | 13.9  |                  | 85.3  |      | 14.7  |  |      |        |
| 1995       |            | 95.1  |              | 80.7  | 19.3 |               | 80.1  | 19.9  |                  | 100.0 |      |       |  |      |        |
| 1996       | 18.2       | 67.7  |              | 35.5  | 64.5 |               | 100.0 |       |                  | 5.8   |      | 94.2  |  |      |        |
| 1997       | 18.7       | 36.7  |              | 39.9  | 45.8 |               | 100.0 |       |                  |       |      | 100.0 |  |      |        |
| 1998       | 52.0       | 35.3  |              | 26.8  | 73.2 |               | 100.0 |       |                  |       |      | 100.0 |  |      |        |
| 1999       | 50.1       | 31.2  |              | 32.5  | 67.5 |               | 100.0 |       |                  | 39.8  |      | 60.2  |  |      |        |
| 2000       | 46.1       | 24.1  |              | 24.5  | 75.5 |               | 100.0 |       |                  | 53.9  |      | 46.1  |  |      |        |
| 2001       | 54.6       | 10.5  |              | 21.4  | 78.6 |               | 100.0 |       |                  | 45.4  |      | 54.6  |  | 54.6 |        |
| 2002       | 90.1       | 9.9   |              | 14.7  | 85.3 |               | 100.0 |       |                  | 25.3  |      | 74.7  |  | 74.7 |        |
| 2003       | 89.4       | 10.6  |              | 12.6  | 87.4 |               | 100.0 |       |                  | 32.3  |      | 67.7  |  | 67.7 |        |
| 2004       | 98.7       |       |              | 6.7   | 93.3 |               | 100.0 |       |                  |       |      | 100.0 |  | 98.7 |        |
| 2005       | 99.2       |       |              | 6.1   | 93.9 |               | 100.0 |       |                  |       |      | 100.0 |  | 99.2 |        |

Table G-29

## Characteristics of 1975 to 2007 3500 lb. SUVs

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1976          | 0              | .000 | 14.3                     | 11.4        | 13.3       | 12.2        | 3500       | 350    | 161 | 10.6         | 126        | .459       | .0459     | 21.3        |
| 1979          | 38             | .003 | 15.6                     | 13.0        | 13.4       | 13.2        | 3500       | 304    | 122 | 13.1         | 112        | .402       | .0349     | 23.2        |
| 1980          | 12             | .001 | 16.3                     | 13.1        | 14.8       | 13.8        | 3500       | 285    | 115 | 14.1         | 109        | .401       | .0329     | 24.3        |
| 1981          | 2              | .000 | 17.2                     | 13.3        | 16.8       | 14.7        | 3500       | 304    | 130 | 12.5         | 115        | .428       | .0371     | 25.7        |
| 1982          | 0              | .000 | 16.6                     | 14.6        | 13.4       | 14.0        | 3500       | 173    | 110 | 14.5         | 107        | .636       | .0314     | 24.5        |
| 1983          | 34             | .003 | 24.4                     | 18.6        | 24.4       | 20.8        | 3500       | 169    | 108 | 14.5         | 107        | .643       | .0309     | 36.6        |
| 1984          | 218            | .016 | 21.7                     | 17.1        | 20.6       | 18.5        | 3500       | 168    | 104 | 15.1         | 105        | .619       | .0297     | 32.5        |
| 1985          | 319            | .022 | 22.2                     | 17.2        | 21.6       | 18.9        | 3500       | 167    | 104 | 15.0         | 105        | .630       | .0299     | 33.3        |
| 1986          | 373            | .024 | 21.9                     | 17.1        | 20.6       | 18.5        | 3500       | 171    | 119 | 13.5         | 111        | .706       | .0342     | 32.6        |
| 1987          | 429            | .029 | 22.3                     | 17.2        | 21.5       | 18.9        | 3500       | 191    | 134 | 12.5         | 116        | .710       | .0382     | 33.2        |
| 1988          | 413            | .027 | 21.4                     | 16.2        | 20.7       | 18.0        | 3500       | 210    | 147 | 11.6         | 121        | .712       | .0421     | 31.7        |
| 1989          | 296            | .021 | 21.1                     | 16.0        | 20.2       | 17.7        | 3500       | 236    | 157 | 11.0         | 124        | .673       | .0449     | 31.2        |
| 1990          | 216            | .017 | 21.0                     | 15.7        | 20.3       | 17.6        | 3500       | 235    | 160 | 10.9         | 125        | .687       | .0456     | 30.9        |
| 1991          | 221            | .018 | 20.5                     | 15.6        | 19.2       | 17.1        | 3500       | 219    | 156 | 11.3         | 124        | .714       | .0446     | 30.1        |
| 1992          | 195            | .016 | 20.0                     | 15.0        | 18.8       | 16.6        | 3500       | 227    | 174 | 10.3         | 131        | .764       | .0499     | 29.3        |
| 1993          | 186            | .014 | 19.9                     | 14.8        | 18.7       | 16.5        | 3500       | 228    | 177 | 10.2         | 131        | .772       | .0505     | 29.0        |
| 1994          | 180            | .013 | 20.2                     | 14.9        | 19.0       | 16.7        | 3500       | 224    | 177 | 10.0         | 132        | .797       | .0507     | 29.4        |
| 1995          | 153            | .010 | 19.8                     | 14.4        | 18.9       | 16.4        | 3500       | 233    | 184 | 9.7          | 134        | .793       | .0526     | 28.9        |
| 1996          | 210            | .016 | 20.4                     | 14.8        | 19.4       | 16.8        | 3500       | 232    | 185 | 9.5          | 134        | .807       | .0530     | 29.6        |
| 1997          | 330            | .023 | 22.6                     | 16.7        | 20.3       | 18.4        | 3500       | 176    | 150 | 11.5         | 122        | .881       | .0429     | 32.6        |
| 1998          | 364            | .025 | 24.0                     | 17.6        | 21.4       | 19.4        | 3500       | 161    | 148 | 11.6         | 121        | .951       | .0422     | 34.6        |
| 1999          | 342            | .022 | 25.3                     | 18.5        | 22.3       | 20.4        | 3500       | 142    | 147 | 11.5         | 121        | 1.058      | .0420     | 36.0        |
| 2000          | 421            | .025 | 24.0                     | 17.4        | 21.2       | 19.3        | 3500       | 157    | 152 | 11.3         | 123        | 1.019      | .0436     | 34.2        |
| 2001          | 652            | .042 | 24.7                     | 17.6        | 22.1       | 19.8        | 3500       | 155    | 164 | 10.6         | 127        | 1.080      | .0470     | 35.0        |
| 2002          | 578            | .036 | 25.8                     | 18.2        | 23.1       | 20.6        | 3500       | 155    | 169 | 10.4         | 128        | 1.094      | .0482     | 36.4        |
| 2003          | 634            | .040 | 26.2                     | 18.2        | 23.7       | 20.9        | 3500       | 156    | 168 | 10.4         | 128        | 1.082      | .0481     | 36.8        |
| 2004          | 497            | .032 | 26.5                     | 18.3        | 23.8       | 21.0        | 3500       | 156    | 171 | 10.2         | 129        | 1.098      | .0488     | 37.0        |
| 2005          | 520            | .033 | 27.0                     | 18.7        | 23.8       | 21.3        | 3500       | 154    | 166 | 10.4         | 128        | 1.092      | .0476     | 37.5        |
| 2006          | 499            | .033 | 27.2                     | 18.8        | 24.0       | 21.4        | 3500       | 154    | 164 | 10.6         | 127        | 1.071      | .0468     | 37.9        |
| 2007          | 446            | .030 | 28.7                     | 19.8        | 25.3       | 22.6        | 3500       | 148    | 164 | 10.6         | 127        | 1.109      | .0468     | 39.7        |

## Percent of 3500 lb. SUVs:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |       |      | FUEL METERING |      |     | NUMBER OF VALVES |       |       |      |  | VVT  | HYBRID |
|---------------|------------|-------|--------------|-------|------|---------------|------|-----|------------------|-------|-------|------|--|------|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK  | CVT  | PORT          | TBI  | DSL | TWO              | THREE | FOUR  | FIVE |  |      |        |
| 1976          |            |       | 15.6         |       |      |               |      |     |                  |       |       |      |  |      |        |
| 1979          |            | 100.0 | 78.6         |       |      |               |      |     |                  |       |       |      |  |      |        |
| 1980          |            | 100.0 | 44.2         |       |      |               |      |     |                  |       |       |      |  |      |        |
| 1981          |            | 100.0 | 76.8         | 23.2  |      |               |      |     |                  |       |       |      |  |      |        |
| 1982          |            |       |              | 100.0 |      |               |      |     |                  |       |       |      |  |      |        |
| 1983          |            | 38.3  | 57.3         | 42.7  |      |               |      |     |                  |       |       |      |  |      |        |
| 1984          |            | 79.1  | 33.2         | 31.9  |      |               |      |     |                  |       |       |      |  |      |        |
| 1985          |            | 74.2  | 42.4         | 57.2  |      | 6.0           | 3.5  |     |                  |       |       |      |  |      |        |
| 1986          |            | 84.8  | 49.6         | 49.3  |      | 29.5          | 22.3 |     |                  |       |       |      |  |      |        |
| 1987          |            | 78.3  | 46.0         | 48.4  |      | 57.0          | 19.7 |     |                  |       |       |      |  |      |        |
| 1988          |            | 73.8  | 33.9         | 62.3  |      | 74.2          | 13.9 |     |                  |       |       |      |  |      |        |
| 1989          |            | 63.8  | 26.9         | 69.6  |      | 66.6          | 19.8 |     |                  |       |       |      |  |      |        |
| 1990          |            | 73.6  | 27.6         | 69.1  |      | 77.2          | 9.0  |     |                  |       |       |      |  |      |        |
| 1991          |            | 62.7  | 28.9         | 68.0  |      | 71.7          | 27.5 |     |                  |       |       |      |  |      |        |
| 1992          |            | 61.0  | 24.4         | 72.4  |      | 84.4          | 14.1 |     |                  |       |       |      |  |      |        |
| 1993          |            | 58.3  | 25.4         | 70.4  |      | 85.9          | 12.4 |     |                  |       |       |      |  |      |        |
| 1994          |            | 58.5  | 26.9         | 59.1  |      | 99.3          |      |     | 100.0            |       |       |      |  |      |        |
| 1995          | .2         | 77.8  | 25.8         | 74.2  |      | 100.0         |      |     | 96.6             |       | 3.4   |      |  |      |        |
| 1996          |            | 70.1  | 12.7         | 87.3  |      | 100.0         |      |     | 87.3             |       | 12.7  |      |  |      |        |
| 1997          |            | 87.0  | 43.9         | 56.1  |      | 100.0         |      |     | 54.1             |       | 45.9  |      |  |      |        |
| 1998          | 5.3        | 76.0  | 37.5         | 62.5  |      | 100.0         |      |     | 35.7             |       | 64.3  |      |  |      |        |
| 1999          | 7.4        | 75.3  | 24.9         | 75.1  |      | 100.0         |      |     | 20.5             |       | 79.5  |      |  |      |        |
| 2000          | 6.2        | 79.2  | 14.5         | 85.5  |      | 100.0         |      |     | 36.0             |       | 64.0  |      |  |      |        |
| 2001          | 18.7       | 66.1  | 10.4         | 89.6  |      | 100.0         |      |     | 20.7             |       | 79.3  |      |  | 7.1  |        |
| 2002          | 25.1       | 68.0  | 10.7         | 88.8  | .5   | 100.0         |      |     | 8.0              |       | 92.0  |      |  | 31.5 |        |
| 2003          | 37.4       | 61.6  | 8.7          | 84.9  | 6.4  | 100.0         |      |     | 4.5              |       | 95.5  |      |  | 31.4 |        |
| 2004          | 31.8       | 66.4  | 10.6         | 85.8  | 3.5  | 100.0         |      |     |                  |       | 100.0 |      |  | 46.4 |        |
| 2005          | 49.5       | 49.7  | 13.3         | 86.3  | .3   | 100.0         |      |     | 4.1              |       | 95.9  |      |  | 39.4 |        |
| 2006          | 55.5       | 44.2  | 12.8         | 87.2  |      | 100.0         |      |     | 6.1              |       | 93.9  |      |  | 46.6 |        |
| 2007          | 76.7       | 23.1  | 7.6          | 80.8  | 11.7 | 100.0         |      |     |                  |       | 100.0 |      |  | 58.3 | 1.3    |

Table G-30

## Characteristics of 1975 to 2007 4000 lb. SUVs

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1975          | 26             | .003 | 13.2                     | 10.4        | 12.4       | 11.2        | 4000       | 315    | 132 | 14.1         | 111        | .419       | .0329     | 22.6        |
| 1976          | 35             | .003 | 13.3                     | 10.4        | 12.6       | 11.3        | 4000       | 324    | 137 | 13.6         | 113        | .426       | .0344     | 23.1        |
| 1977          | 48             | .003 | 14.5                     | 11.5        | 13.6       | 12.4        | 4000       | 321    | 139 | 13.5         | 113        | .435       | .0347     | 25.1        |
| 1978          | 56             | .004 | 14.2                     | 11.2        | 13.4       | 12.1        | 4000       | 332    | 139 | 13.3         | 113        | .423       | .0348     | 24.5        |
| 1979          | 13             | .001 | 14.4                     | 11.6        | 13.0       | 12.2        | 4000       | 248    | 110 | 16.2         | 104        | .440       | .0275     | 24.8        |
| 1980          | 7              | .001 | 16.0                     | 13.0        | 14.4       | 13.6        | 4000       | 250    | 100 | 17.3         | 101        | .402       | .0251     | 27.4        |
| 1981          | 7              | .001 | 16.9                     | 13.4        | 15.7       | 14.4        | 4000       | 260    | 113 | 15.7         | 105        | .434       | .0282     | 28.8        |
| 1982          | 8              | .001 | 19.4                     | 15.3        | 18.2       | 16.5        | 4000       | 257    | 111 | 15.9         | 104        | .431       | .0277     | 33.4        |
| 1983          | 67             | .007 | 21.9                     | 16.7        | 21.8       | 18.7        | 4000       | 175    | 110 | 16.0         | 104        | .631       | .0275     | 37.4        |
| 1984          | 122            | .009 | 21.8                     | 16.6        | 22.0       | 18.6        | 4000       | 177    | 110 | 16.0         | 104        | .626       | .0275     | 37.4        |
| 1985          | 173            | .012 | 22.0                     | 16.6        | 22.6       | 18.8        | 4000       | 173    | 110 | 16.0         | 104        | .636       | .0275     | 37.7        |
| 1986          | 154            | .010 | 21.1                     | 16.2        | 20.6       | 17.9        | 4000       | 165    | 121 | 14.8         | 108        | .738       | .0304     | 36.4        |
| 1987          | 184            | .012 | 20.4                     | 15.5        | 20.0       | 17.3        | 4000       | 172    | 127 | 14.3         | 109        | .737       | .0317     | 34.7        |
| 1988          | 259            | .017 | 20.8                     | 15.9        | 19.8       | 17.6        | 4000       | 190    | 135 | 13.7         | 112        | .723       | .0337     | 35.3        |
| 1989          | 348            | .024 | 21.2                     | 16.2        | 20.0       | 17.8        | 4000       | 213    | 146 | 12.8         | 116        | .703       | .0366     | 35.7        |
| 1990          | 202            | .016 | 20.5                     | 15.7        | 19.2       | 17.2        | 4000       | 196    | 141 | 13.1         | 114        | .738       | .0353     | 34.5        |
| 1991          | 463            | .037 | 20.9                     | 15.7        | 20.0       | 17.5        | 4000       | 231    | 155 | 12.3         | 119        | .681       | .0388     | 35.1        |
| 1992          | 371            | .030 | 20.4                     | 15.1        | 19.7       | 17.1        | 4000       | 232    | 165 | 11.8         | 122        | .713       | .0412     | 34.3        |
| 1993          | 576            | .044 | 20.5                     | 15.0        | 19.9       | 17.1        | 4000       | 250    | 189 | 10.5         | 130        | .761       | .0472     | 34.4        |
| 1994          | 565            | .040 | 19.7                     | 14.5        | 18.7       | 16.3        | 4000       | 241    | 184 | 10.7         | 128        | .774       | .0459     | 32.9        |
| 1995          | 575            | .038 | 19.5                     | 14.3        | 18.5       | 16.1        | 4000       | 237    | 183 | 10.8         | 128        | .784       | .0457     | 32.4        |
| 1996          | 537            | .041 | 19.9                     | 14.5        | 18.9       | 16.4        | 4000       | 249    | 187 | 10.5         | 129        | .765       | .0469     | 33.1        |
| 1997          | 617            | .043 | 20.2                     | 14.7        | 18.9       | 16.6        | 4000       | 239    | 188 | 10.5         | 129        | .799       | .0470     | 33.4        |
| 1998          | 841            | .058 | 20.7                     | 14.8        | 19.5       | 17.0        | 4000       | 238    | 185 | 10.7         | 129        | .790       | .0463     | 34.0        |
| 1999          | 964            | .063 | 21.2                     | 15.2        | 19.6       | 17.3        | 4000       | 226    | 188 | 10.5         | 130        | .850       | .0470     | 34.7        |
| 2000          | 944            | .057 | 21.1                     | 15.1        | 19.4       | 17.1        | 4000       | 226    | 186 | 10.6         | 129        | .841       | .0466     | 34.4        |
| 2001          | 936            | .060 | 21.7                     | 15.3        | 19.9       | 17.5        | 4000       | 217    | 194 | 10.3         | 132        | .917       | .0486     | 35.3        |
| 2002          | 884            | .055 | 21.9                     | 15.5        | 20.0       | 17.7        | 4000       | 204    | 193 | 10.3         | 131        | .965       | .0483     | 35.7        |
| 2003          | 875            | .055 | 22.9                     | 16.0        | 20.8       | 18.4        | 4000       | 201    | 198 | 10.2         | 133        | .997       | .0494     | 37.0        |
| 2004          | 1177           | .075 | 23.0                     | 15.7        | 21.3       | 18.5        | 4000       | 212    | 203 | 10.0         | 134        | .969       | .0508     | 37.2        |
| 2005          | 1059           | .067 | 23.9                     | 16.4        | 21.8       | 19.1        | 4000       | 197    | 199 | 10.1         | 133        | 1.017      | .0498     | 38.5        |
| 2006          | 932            | .062 | 24.5                     | 16.7        | 22.4       | 19.5        | 4000       | 195    | 198 | 10.1         | 133        | 1.026      | .0496     | 39.5        |
| 2007          | 1173           | .079 | 25.2                     | 17.3        | 22.8       | 20.0        | 4000       | 190    | 203 | 10.0         | 134        | 1.081      | .0507     | 40.5        |

## Percent of 4000 lb. SUVs:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |      | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|---------------|------------|-------|--------------|------|------|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT  | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975          |            | 60.2  |              | 43.9 |      |               |       |      |                  |       |      |      |  |      |        |
| 1976          |            | 68.4  |              | 41.6 |      |               |       |      |                  |       |      |      |  |      |        |
| 1977          |            | 61.1  |              | 48.1 |      |               |       |      |                  |       |      |      |  |      |        |
| 1978          |            | 71.0  |              | 45.1 |      |               |       |      |                  |       |      |      |  |      |        |
| 1979          |            | 50.4  |              | 94.0 | 4.7  |               |       |      |                  |       |      |      |  |      |        |
| 1980          |            | 94.9  |              | 66.3 | 4.4  |               |       |      |                  |       |      |      |  |      |        |
| 1981          |            | 97.1  |              | 32.7 | 67.3 |               |       |      |                  |       |      |      |  |      |        |
| 1982          |            | 90.9  |              | 30.7 | 69.3 |               |       |      |                  |       |      |      |  |      |        |
| 1983          |            | 100.0 |              | 28.9 | 71.1 |               |       |      |                  |       |      |      |  |      |        |
| 1984          |            | 95.4  |              | 21.9 | 73.5 |               |       |      |                  |       |      |      |  |      |        |
| 1985          |            | 100.0 |              | 17.9 | 82.1 |               |       |      |                  |       |      |      |  |      |        |
| 1986          |            | 100.0 |              | 31.9 | 68.1 |               | 23.4  | 73.4 | 3.2              |       |      |      |  |      |        |
| 1987          |            | 100.0 |              | 19.9 | 80.1 |               | 5.4   | 94.6 |                  |       |      |      |  |      |        |
| 1988          |            | 100.0 |              | 32.8 | 67.2 |               | 33.2  | 66.8 |                  |       |      |      |  |      |        |
| 1989          |            | 99.0  |              | 30.4 | 66.9 |               | 43.8  | 56.2 |                  |       |      |      |  |      |        |
| 1990          |            | 95.8  |              | 41.0 | 58.5 |               | 65.6  | 34.4 |                  |       |      |      |  |      |        |
| 1991          |            | 71.0  |              | 20.9 | 79.0 |               | 42.5  | 57.5 |                  |       |      |      |  |      |        |
| 1992          |            | 58.4  |              | 20.3 | 79.7 |               | 64.7  | 35.3 |                  |       |      |      |  |      |        |
| 1993          |            | 33.5  |              | 10.4 | 89.6 |               | 99.2  |      |                  |       |      |      |  |      |        |
| 1994          | 1.5        | 60.9  |              | 15.8 | 84.2 |               | 99.5  |      |                  | 80.2  | 3.0  | 16.9 |  |      |        |
| 1995          |            | 66.7  |              | 14.1 | 85.9 |               | 100.0 |      |                  | 77.2  |      | 22.8 |  |      |        |
| 1996          |            | 64.0  |              | 6.9  | 93.1 |               | 100.0 |      |                  | 86.0  |      | 14.0 |  |      |        |
| 1997          |            | 61.0  |              | 8.5  | 91.5 |               | 100.0 |      |                  | 69.6  |      | 30.4 |  |      |        |
| 1998          |            | 52.9  |              | 4.8  | 95.2 |               | 100.0 |      |                  | 74.9  |      | 25.1 |  |      |        |
| 1999          | 2.3        | 53.4  |              | 7.0  | 93.0 |               | 100.0 |      |                  | 67.1  |      | 32.9 |  | 9.5  |        |
| 2000          | 3.3        | 39.5  |              | 7.5  | 92.5 |               | 100.0 |      |                  | 69.5  |      | 30.5 |  | 9.5  |        |
| 2001          | 15.9       | 39.2  |              | 5.0  | 95.0 |               | 100.0 |      |                  | 60.9  |      | 39.1 |  | 20.5 |        |
| 2002          | 21.2       | 40.5  |              | 6.4  | 93.6 |               | 100.0 |      |                  | 42.0  |      | 58.0 |  | 22.6 |        |
| 2003          | 20.8       | 52.7  |              | 6.1  | 87.6 | 6.2           | 100.0 |      |                  | 41.4  |      | 58.6 |  | 36.1 |        |
| 2004          | 29.8       | 49.4  |              | 5.4  | 89.1 | 5.5           | 100.0 |      |                  | 51.0  |      | 49.0 |  | 29.2 |        |
| 2005          | 37.0       | 58.6  |              | 2.1  | 90.0 | 7.9           | 100.0 |      |                  | 41.7  |      | 58.3 |  | 26.7 | 1.0    |
| 2006          | 40.6       | 53.8  |              | 1.0  | 91.6 | 7.4           | 100.0 |      |                  | 27.5  |      | 72.5 |  | 33.7 | 2.3    |
| 2007          | 35.3       | 55.8  |              | 3.9  | 89.6 | 6.5           | 100.0 |      |                  | 34.6  |      | 65.4 |  | 45.1 | 1.7    |

Table G-31

Characteristics of 1975 to 2007 4500 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 41          | .004 | 13.5                     | 10.7     | 12.6    | 11.5     | 4500    | 351    | 157 | 13.4      | 115     | .446    | .0348  | 26.0     |
| 1976       | 47          | .004 | 13.9                     | 11.0     | 13.0    | 11.8     | 4500    | 349    | 150 | 14.0      | 113     | .430    | .0333  | 26.8     |
| 1977       | 101         | .007 | 15.4                     | 12.3     | 14.2    | 13.1     | 4500    | 345    | 150 | 13.8      | 113     | .436    | .0334  | 29.6     |
| 1978       | 119         | .008 | 14.7                     | 11.7     | 13.6    | 12.5     | 4500    | 343    | 157 | 13.3      | 115     | .459    | .0350  | 28.2     |
| 1979       | 56          | .004 | 12.9                     | 10.4     | 11.7    | 10.9     | 4500    | 334    | 140 | 14.6      | 110     | .420    | .0311  | 24.8     |
| 1980       | 50          | .004 | 14.5                     | 11.7     | 13.1    | 12.3     | 4500    | 313    | 138 | 14.8      | 110     | .446    | .0308  | 28.4     |
| 1981       | 42          | .004 | 15.8                     | 12.5     | 14.7    | 13.4     | 4500    | 317    | 137 | 14.8      | 109     | .435    | .0304  | 30.5     |
| 1982       | 50          | .005 | 15.7                     | 12.4     | 14.6    | 13.3     | 4500    | 316    | 139 | 14.6      | 110     | .443    | .0309  | 30.3     |
| 1983       | 55          | .005 | 15.7                     | 12.5     | 14.6    | 13.3     | 4500    | 317    | 135 | 14.9      | 109     | .430    | .0301  | 30.4     |
| 1984       | 61          | .004 | 14.8                     | 11.8     | 13.7    | 12.6     | 4500    | 320    | 134 | 15.0      | 108     | .420    | .0298  | 28.7     |
| 1985       | 60          | .004 | 15.0                     | 12.0     | 13.9    | 12.8     | 4500    | 321    | 145 | 14.1      | 112     | .456    | .0323  | 29.2     |
| 1986       | 46          | .003 | 15.6                     | 12.3     | 14.6    | 13.2     | 4500    | 325    | 142 | 14.4      | 111     | .438    | .0315  | 30.3     |
| 1987       | 32          | .002 | 14.6                     | 11.4     | 13.7    | 12.4     | 4500    | 325    | 144 | 14.2      | 111     | .450    | .0320  | 28.2     |
| 1988       | 34          | .002 | 15.0                     | 11.8     | 13.8    | 12.7     | 4500    | 311    | 147 | 14.0      | 112     | .494    | .0328  | 28.8     |
| 1989       | 31          | .002 | 14.9                     | 11.6     | 13.8    | 12.5     | 4500    | 311    | 151 | 13.8      | 113     | .505    | .0335  | 28.4     |
| 1990       | 58          | .005 | 17.5                     | 13.4     | 16.5    | 14.7     | 4500    | 221    | 153 | 13.6      | 114     | .740    | .0341  | 33.6     |
| 1991       | 262         | .021 | 19.8                     | 14.7     | 19.1    | 16.6     | 4500    | 227    | 167 | 12.6      | 118     | .742    | .0371  | 37.4     |
| 1992       | 260         | .021 | 19.4                     | 14.6     | 18.4    | 16.2     | 4500    | 220    | 167 | 12.6      | 118     | .764    | .0372  | 36.6     |
| 1993       | 298         | .023 | 19.7                     | 14.6     | 18.6    | 16.4     | 4500    | 217    | 167 | 12.6      | 118     | .778    | .0372  | 36.9     |
| 1994       | 546         | .039 | 19.9                     | 14.7     | 19.0    | 16.6     | 4500    | 229    | 177 | 12.1      | 121     | .776    | .0393  | 37.4     |
| 1995       | 645         | .043 | 19.9                     | 14.5     | 18.9    | 16.5     | 4500    | 233    | 174 | 12.3      | 120     | .754    | .0386  | 37.4     |
| 1996       | 736         | .056 | 20.2                     | 14.5     | 19.5    | 16.7     | 4500    | 251    | 176 | 12.2      | 121     | .708    | .0391  | 37.7     |
| 1997       | 832         | .058 | 19.8                     | 14.3     | 18.8    | 16.3     | 4500    | 252    | 181 | 11.9      | 123     | .724    | .0402  | 36.9     |
| 1998       | 719         | .050 | 20.1                     | 14.4     | 19.1    | 16.5     | 4500    | 251    | 184 | 11.8      | 124     | .745    | .0410  | 37.3     |
| 1999       | 746         | .049 | 19.7                     | 14.1     | 18.4    | 16.1     | 4500    | 259    | 199 | 11.1      | 128     | .777    | .0442  | 36.3     |
| 2000       | 904         | .055 | 19.9                     | 14.1     | 18.6    | 16.2     | 4500    | 254    | 196 | 11.2      | 127     | .783    | .0437  | 36.6     |
| 2001       | 1006        | .064 | 20.4                     | 14.4     | 19.0    | 16.6     | 4500    | 237    | 207 | 10.7      | 130     | .886    | .0460  | 37.5     |
| 2002       | 1525        | .095 | 19.9                     | 14.0     | 18.6    | 16.2     | 4500    | 243    | 225 | 10.1      | 136     | .931    | .0501  | 36.5     |
| 2003       | 939         | .060 | 20.7                     | 14.4     | 19.3    | 16.8     | 4500    | 237    | 227 | 10.0      | 137     | .969    | .0506  | 37.9     |
| 2004       | 1197        | .076 | 21.3                     | 14.7     | 19.8    | 17.2     | 4500    | 234    | 230 | 9.9       | 138     | .997    | .0512  | 38.8     |
| 2005       | 976         | .061 | 21.6                     | 14.7     | 20.0    | 17.3     | 4500    | 227    | 237 | 9.6       | 140     | 1.051   | .0527  | 39.2     |
| 2006       | 968         | .064 | 22.5                     | 15.5     | 20.6    | 18.0     | 4500    | 224    | 232 | 9.5       | 138     | 1.043   | .0517  | 41.1     |
| 2007       | 1079        | .073 | 22.9                     | 15.8     | 20.8    | 18.3     | 4500    | 224    | 243 | 9.2       | 142     | 1.094   | .0541  | 41.6     |

Percent of 4500 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |      |      | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|-------|--------------|------|------|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK | CVT  | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | 56.9  | 12.0         |      |      |               |       |      |                  |       |      |      |  |      |        |
| 1976       |            | 57.7  | 12.5         |      |      |               |       |      |                  |       |      |      |  |      |        |
| 1977       |            | 74.2  | 13.7         |      |      |               |       |      |                  |       |      |      |  |      |        |
| 1978       |            | 81.5  | 13.3         |      |      |               |       |      |                  |       |      |      |  |      |        |
| 1979       |            | 84.3  | 11.2         |      |      |               |       | 1.3  |                  |       |      |      |  |      |        |
| 1980       |            | 92.3  | 25.0         | 12.8 |      |               |       | 8.6  |                  |       |      |      |  |      |        |
| 1981       |            | 94.4  | 31.1         | 41.3 |      |               |       |      |                  |       |      |      |  |      |        |
| 1982       |            | 89.6  | 28.2         | 31.6 |      |               |       |      |                  |       |      |      |  |      |        |
| 1983       |            | 98.0  | 22.8         | 39.5 |      |               |       |      |                  |       |      |      |  |      |        |
| 1984       |            | 93.0  | 29.0         | 1.9  |      |               |       |      |                  |       |      |      |  |      |        |
| 1985       |            | 72.2  | 23.2         |      |      |               |       |      |                  |       |      |      |  |      |        |
| 1986       |            | 80.7  | 14.0         | 32.4 |      |               | 22.5  |      |                  |       |      |      |  |      |        |
| 1987       |            | 70.4  | 16.4         | 22.7 |      |               | 7.0   |      |                  |       |      |      |  |      |        |
| 1988       |            | 76.8  | 1.6          | 45.1 |      |               | 31.5  | 21.5 |                  |       |      |      |  |      |        |
| 1989       |            | 74.0  | 1.9          | 47.3 |      |               | 34.2  | 26.0 |                  |       |      |      |  |      |        |
| 1990       |            | 91.6  | 2.2          | 77.7 |      |               | 79.9  | 8.4  |                  |       |      |      |  |      |        |
| 1991       |            | 99.3  | 14.6         | 83.3 |      |               | 97.9  |      |                  |       |      |      |  |      |        |
| 1992       |            | 99.7  | 15.3         | 84.7 |      |               | 100.0 |      |                  |       |      |      |  |      |        |
| 1993       |            | 99.7  | 13.1         | 86.9 |      |               | 100.0 |      |                  |       |      |      |  |      |        |
| 1994       |            | 100.0 | 8.1          | 91.9 |      |               | 100.0 |      | 88.1             | 9.6   | 2.3  |      |  |      |        |
| 1995       |            | 90.4  | 5.7          | 94.3 |      |               | 100.0 |      | 78.5             |       | 21.5 |      |  |      |        |
| 1996       |            | 74.7  | 3.2          | 96.8 |      |               | 100.0 |      | 90.6             |       | 9.4  |      |  |      |        |
| 1997       |            | 79.0  | 2.5          | 97.5 |      |               | 100.0 |      | 92.5             |       | 7.5  |      |  |      |        |
| 1998       |            | 89.8  | 1.6          | 98.4 |      |               | 100.0 |      | 90.2             | 5.5   | 4.4  |      |  |      |        |
| 1999       |            | 91.2  | .9           | 99.1 |      |               | 100.0 |      | 90.1             |       | 9.9  |      |  |      |        |
| 2000       |            | 91.6  | 1.7          | 98.3 |      |               | 100.0 |      | 87.4             |       | 12.6 |      |  |      |        |
| 2001       | 16.4       | 71.8  | 1.6          | 98.4 |      |               | 100.0 |      | 71.2             |       | 28.8 |      |  | 15.1 |        |
| 2002       |            | 73.4  | .8           | 99.1 |      |               | 100.0 |      | 64.1             |       | 35.9 |      |  | 25.7 |        |
| 2003       | .0         | 67.6  | .4           | 99.6 |      |               | 100.0 |      | 47.9             |       | 52.1 |      |  | 40.2 |        |
| 2004       | 2.5        | 74.3  | .6           | 99.4 |      |               | 100.0 |      | 40.0             |       | 60.0 |      |  | 50.1 |        |
| 2005       | .9         | 67.3  | .9           | 99.1 |      |               | 99.1  |      | 28.6             |       | 71.4 |      |  | 63.7 |        |
| 2006       | 7.8        | 57.4  | 1.0          | 87.6 | 11.3 |               | 99.3  |      | 22.4             |       | 77.6 |      |  | 69.9 | 8.2    |
| 2007       | 11.3       | 69.2  | 3.5          | 86.2 | 10.3 |               | 99.7  |      | 15.0             |       | 85.0 |      |  | 66.7 | 6.8    |



Table G-32

Characteristics of 1975 to 2007 5000 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 67          | .007 | 11.1                     | 9.4      | 9.4     | 9.4      | 5000    | 347    | 157 | 14.4      | 112     | .453    | .0315  | 23.6     |
| 1976       | 101         | .008 | 12.8                     | 10.5     | 11.5    | 10.9     | 5000    | 357    | 151 | 15.0      | 110     | .421    | .0301  | 27.3     |
| 1977       | 66          | .005 | 13.6                     | 11.2     | 12.0    | 11.5     | 5000    | 350    | 160 | 14.4      | 113     | .457    | .0320  | 29.0     |
| 1978       | 114         | .008 | 13.0                     | 10.5     | 11.7    | 11.0     | 5000    | 370    | 168 | 13.7      | 115     | .454    | .0336  | 27.6     |
| 1979       | 172         | .012 | 11.4                     | 9.5      | 9.9     | 9.6      | 5000    | 351    | 152 | 15.2      | 110     | .433    | .0303  | 24.2     |
| 1980       | 60          | .005 | 14.0                     | 11.2     | 12.9    | 11.9     | 5000    | 343    | 159 | 14.3      | 112     | .463    | .0317  | 30.0     |
| 1981       | 43          | .004 | 15.3                     | 12.2     | 14.1    | 13.0     | 5000    | 328    | 154 | 14.7      | 111     | .473    | .0309  | 32.9     |
| 1982       | 37          | .004 | 15.1                     | 12.0     | 14.1    | 12.9     | 5000    | 330    | 156 | 14.6      | 112     | .476    | .0311  | 32.8     |
| 1983       | 54          | .005 | 15.7                     | 12.3     | 15.0    | 13.4     | 5000    | 328    | 157 | 14.5      | 112     | .482    | .0315  | 34.1     |
| 1984       | 121         | .009 | 15.3                     | 12.0     | 14.6    | 13.0     | 5000    | 330    | 163 | 14.1      | 114     | .497    | .0327  | 33.2     |
| 1985       | 133         | .009 | 15.7                     | 12.3     | 15.0    | 13.4     | 5000    | 330    | 168 | 13.7      | 115     | .510    | .0337  | 33.9     |
| 1986       | 135         | .009 | 16.4                     | 12.7     | 15.8    | 14.0     | 5000    | 324    | 163 | 14.1      | 114     | .503    | .0326  | 35.1     |
| 1987       | 97          | .007 | 15.7                     | 12.2     | 14.9    | 13.3     | 5000    | 326    | 175 | 13.5      | 117     | .535    | .0350  | 33.7     |
| 1988       | 101         | .007 | 16.1                     | 12.4     | 15.3    | 13.6     | 5000    | 330    | 181 | 13.2      | 119     | .545    | .0362  | 34.2     |
| 1989       | 112         | .008 | 15.9                     | 12.2     | 15.2    | 13.4     | 5000    | 328    | 178 | 13.3      | 118     | .540    | .0357  | 33.9     |
| 1990       | 83          | .007 | 16.0                     | 11.9     | 15.7    | 13.5     | 5000    | 331    | 184 | 12.9      | 120     | .553    | .0369  | 33.9     |
| 1991       | 51          | .004 | 15.8                     | 11.8     | 15.3    | 13.3     | 5000    | 312    | 188 | 12.7      | 121     | .604    | .0375  | 33.3     |
| 1992       | 36          | .003 | 15.7                     | 11.6     | 15.2    | 13.1     | 5000    | 292    | 174 | 13.5      | 117     | .622    | .0348  | 33.0     |
| 1993       | 46          | .003 | 16.1                     | 11.9     | 15.5    | 13.5     | 5000    | 313    | 200 | 11.9      | 124     | .646    | .0400  | 33.8     |
| 1994       | 51          | .004 | 16.5                     | 12.2     | 15.7    | 13.7     | 5000    | 310    | 202 | 11.8      | 125     | .659    | .0404  | 34.4     |
| 1995       | 70          | .005 | 17.0                     | 12.4     | 16.3    | 14.1     | 5000    | 322    | 199 | 12.0      | 124     | .625    | .0398  | 35.4     |
| 1996       | 82          | .006 | 17.0                     | 12.4     | 16.1    | 14.1     | 5000    | 318    | 216 | 11.3      | 129     | .685    | .0431  | 35.3     |
| 1997       | 119         | .008 | 18.0                     | 13.0     | 17.1    | 14.8     | 5000    | 308    | 226 | 10.8      | 132     | .738    | .0453  | 37.3     |
| 1998       | 265         | .018 | 17.3                     | 12.4     | 16.7    | 14.3     | 5000    | 317    | 223 | 10.9      | 131     | .705    | .0446  | 35.9     |
| 1999       | 356         | .023 | 17.4                     | 12.4     | 16.6    | 14.3     | 5000    | 307    | 234 | 10.6      | 134     | .779    | .0468  | 36.0     |
| 2000       | 254         | .015 | 17.6                     | 12.4     | 16.8    | 14.5     | 5000    | 295    | 229 | 10.7      | 132     | .784    | .0459  | 36.4     |
| 2001       | 160         | .010 | 17.1                     | 12.0     | 16.4    | 14.0     | 5000    | 282    | 233 | 10.6      | 134     | .847    | .0467  | 35.2     |
| 2002       | 404         | .025 | 18.9                     | 13.2     | 17.8    | 15.4     | 5000    | 255    | 244 | 10.2      | 137     | .976    | .0489  | 38.6     |
| 2003       | 638         | .040 | 19.3                     | 13.4     | 18.2    | 15.7     | 5000    | 259    | 256 | 9.8       | 140     | 1.002   | .0513  | 39.3     |
| 2004       | 683         | .044 | 19.6                     | 13.4     | 18.5    | 15.9     | 5000    | 263    | 264 | 9.6       | 142     | 1.025   | .0529  | 39.8     |
| 2005       | 634         | .040 | 19.5                     | 13.3     | 18.4    | 15.8     | 5000    | 259    | 261 | 9.7       | 141     | 1.028   | .0522  | 39.6     |
| 2006       | 793         | .053 | 20.0                     | 13.6     | 18.8    | 16.2     | 5000    | 255    | 258 | 9.8       | 140     | 1.018   | .0515  | 40.5     |
| 2007       | 748         | .050 | 20.2                     | 13.7     | 19.1    | 16.3     | 5000    | 256    | 259 | 9.8       | 141     | 1.027   | .0518  | 41.1     |

Percent of 5000 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |       |     | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|-------|--------------|-------|-----|---------------|------|-----|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK  | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | 98.7  | 19.5         |       |     |               |      |     |                  |       |      |      |  |      |        |
| 1976       |            | 97.9  | 18.9         |       |     |               |      |     |                  |       |      |      |  |      |        |
| 1977       |            | 96.4  | 21.0         |       |     |               |      |     |                  |       |      |      |  |      |        |
| 1978       |            | 97.3  | 19.7         |       |     |               |      |     |                  |       |      |      |  |      |        |
| 1979       |            | 68.1  | 14.7         | .9    |     |               |      |     |                  |       |      |      |  |      |        |
| 1980       |            | 78.4  | 18.9         | 55.3  |     |               |      |     |                  |       |      |      |  |      |        |
| 1981       |            | 75.3  | 7.8          | 62.7  |     |               |      |     |                  |       |      |      |  |      |        |
| 1982       |            | 79.2  | 8.9          | 51.5  |     |               |      |     |                  |       |      |      |  |      |        |
| 1983       |            | 72.6  | 5.7          | 66.6  |     |               |      |     |                  |       |      |      |  |      |        |
| 1984       |            | 76.2  | 6.5          | 55.5  |     |               |      |     |                  |       |      |      |  |      |        |
| 1985       |            | 73.0  | 4.6          | 64.6  |     | 6.7           |      |     |                  |       |      |      |  |      |        |
| 1986       |            | 72.8  | 4.9          | 76.8  |     | 21.1          |      |     |                  |       |      |      |  |      |        |
| 1987       |            | 97.3  | 7.1          | 62.0  |     | 32.4          | 43.2 |     |                  |       |      |      |  |      |        |
| 1988       |            | 99.1  | 6.3          | 59.4  |     | 54.9          | 42.9 |     |                  |       |      |      |  |      |        |
| 1989       |            | 99.4  | 6.6          | 63.0  |     | 59.4          | 40.6 |     |                  |       |      |      |  |      |        |
| 1990       |            | 100.0 | 4.8          | 86.4  |     | 63.3          | 36.7 |     |                  |       |      |      |  |      |        |
| 1991       |            | 100.0 | 3.1          | 91.6  |     | 70.6          | 29.4 |     |                  |       |      |      |  |      |        |
| 1992       |            | 99.9  | 4.7          | 94.1  |     | 97.4          | 2.6  |     |                  |       |      |      |  |      |        |
| 1993       |            | 100.0 | 4.4          | 95.6  |     | 98.6          | 1.4  |     |                  |       |      |      |  |      |        |
| 1994       |            | 100.0 | 3.4          | 96.6  |     | 98.5          | 1.5  |     | 68.5             |       | 31.5 |      |  |      |        |
| 1995       |            | 75.9  | 2.3          | 97.7  |     | 75.2          | 24.8 |     | 87.3             |       | 12.7 |      |  |      |        |
| 1996       |            | 72.0  | 2.6          | 97.4  |     | 100.0         |      |     | 77.5             |       | 22.5 |      |  |      |        |
| 1997       |            | 26.2  |              | 100.0 |     | 100.0         |      |     | 79.4             |       | 20.6 |      |  |      |        |
| 1998       |            | 58.8  |              | 100.0 |     | 100.0         |      |     | 100.0            |       |      |      |  |      |        |
| 1999       |            | 54.4  |              | 100.0 |     | 100.0         |      |     | 85.4             | 14.6  |      |      |  |      |        |
| 2000       |            | 68.0  |              | 100.0 |     | 100.0         |      |     | 97.8             |       | 2.2  |      |  | 2.2  |        |
| 2001       |            | 97.1  | .3           | 99.7  |     | 100.0         |      |     | 79.7             |       | 20.3 |      |  | 20.3 |        |
| 2002       |            | 88.4  | 4.5          | 95.5  |     | 100.0         |      |     | 37.5             | 10.8  | 51.7 |      |  | 45.2 |        |
| 2003       |            | 86.9  | .1           | 99.9  |     | 100.0         |      |     | 28.5             | 4.1   | 67.4 |      |  | 56.1 |        |
| 2004       |            | 79.3  | .2           | 99.8  |     | 100.0         |      |     | 26.5             |       | 73.5 |      |  | 58.7 |        |
| 2005       |            | 82.8  | .1           | 99.9  |     | 100.0         |      |     | 29.3             | 3.1   | 67.6 |      |  | 62.4 |        |
| 2006       | .6         | 82.8  | .5           | 99.5  |     | 100.0         |      |     | 34.7             | 9.9   | 55.4 |      |  | 64.0 |        |
| 2007       | 3.7        | 84.2  | 1.1          | 98.9  |     | 99.0          |      | 1.0 | 46.6             | 6.3   | 47.1 |      |  | 48.2 |        |

Table G-33

Characteristics of 1975 to 2007 5500 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 6           | .001 | 10.5                     | 8.5      | 9.6     | 8.9      | 5500    | 429    | 210 | 12.5      | 123     | .488    | .0381  | 24.7     |
| 1976       | 7           | .001 | 11.2                     | 9.1      | 10.2    | 9.6      | 5500    | 412    | 197 | 13.3      | 120     | .475    | .0359  | 26.4     |
| 1977       | 10          | .001 | 11.7                     | 9.4      | 10.7    | 10.0     | 5500    | 419    | 193 | 13.4      | 119     | .459    | .0351  | 27.6     |
| 1978       | 12          | .001 | 11.8                     | 9.6      | 10.6    | 10.1     | 5500    | 410    | 188 | 13.5      | 117     | .461    | .0343  | 27.7     |
| 1979       | 59          | .004 | 10.6                     | 8.9      | 9.1     | 9.0      | 5500    | 405    | 176 | 14.5      | 114     | .432    | .0320  | 24.9     |
| 1980       | 6           | .000 | 13.8                     | 11.0     | 12.9    | 11.7     | 5500    | 350    | 165 | 15.0      | 111     | .471    | .0300  | 32.3     |
| 1981       | 3           | .000 | 14.1                     | 11.4     | 12.9    | 12.0     | 5500    | 350    | 175 | 14.3      | 114     | .500    | .0318  | 33.0     |
| 1982       | 23          | .002 | 21.2                     | 16.5     | 20.4    | 18.0     | 5500    | 350    | 134 | 17.8      | 103     | .382    | .0243  | 50.5     |
| 1983       | 20          | .002 | 20.2                     | 15.6     | 19.8    | 17.3     | 5500    | 372    | 139 | 17.4      | 104     | .375    | .0252  | 48.9     |
| 1984       | 21          | .001 | 17.9                     | 13.9     | 17.4    | 15.3     | 5500    | 364    | 148 | 16.6      | 107     | .408    | .0269  | 43.6     |
| 1985       | 18          | .001 | 16.1                     | 12.3     | 16.0    | 13.7     | 5500    | 355    | 159 | 15.5      | 110     | .450    | .0289  | 38.3     |
| 1986       | 18          | .001 | 15.7                     | 11.9     | 15.6    | 13.4     | 5500    | 353    | 162 | 15.3      | 110     | .459    | .0294  | 37.1     |
| 1987       | 52          | .004 | 16.8                     | 12.8     | 16.4    | 14.3     | 5500    | 350    | 209 | 12.5      | 123     | .596    | .0379  | 39.3     |
| 1988       | 65          | .004 | 16.5                     | 12.5     | 16.1    | 14.0     | 5500    | 350    | 200 | 12.9      | 121     | .572    | .0364  | 38.6     |
| 1989       | 41          | .003 | 17.5                     | 12.9     | 17.8    | 14.8     | 5500    | 350    | 209 | 12.4      | 123     | .596    | .0380  | 40.9     |
| 1990       | 41          | .003 | 17.3                     | 12.7     | 17.6    | 14.7     | 5500    | 350    | 209 | 12.4      | 123     | .597    | .0380  | 40.3     |
| 1991       | 25          | .002 | 17.2                     | 12.6     | 17.2    | 14.5     | 5500    | 350    | 209 | 12.4      | 123     | .597    | .0380  | 39.9     |
| 1992       | 45          | .004 | 16.3                     | 12.1     | 15.8    | 13.7     | 5500    | 350    | 210 | 12.4      | 123     | .600    | .0382  | 37.6     |
| 1993       | 71          | .005 | 16.8                     | 12.4     | 16.3    | 14.1     | 5500    | 350    | 210 | 12.4      | 123     | .600    | .0382  | 38.7     |
| 1994       | 92          | .007 | 16.8                     | 12.4     | 16.1    | 14.0     | 5500    | 351    | 209 | 12.4      | 123     | .598    | .0381  | 38.5     |
| 1995       | 142         | .009 | 16.9                     | 12.4     | 16.0    | 14.0     | 5500    | 350    | 205 | 12.6      | 122     | .586    | .0373  | 38.5     |
| 1996       | 141         | .011 | 17.4                     | 12.7     | 16.6    | 14.4     | 5500    | 350    | 250 | 10.7      | 134     | .714    | .0455  | 39.7     |
| 1997       | 307         | .021 | 17.4                     | 12.5     | 16.7    | 14.4     | 5500    | 334    | 238 | 11.2      | 131     | .713    | .0432  | 39.6     |
| 1998       | 273         | .019 | 17.0                     | 12.1     | 16.3    | 14.0     | 5500    | 327    | 234 | 11.3      | 130     | .720    | .0426  | 38.6     |
| 1999       | 199         | .013 | 17.5                     | 12.3     | 17.0    | 14.4     | 5500    | 333    | 252 | 10.7      | 134     | .759    | .0459  | 39.7     |
| 2000       | 302         | .018 | 18.2                     | 13.0     | 17.1    | 14.9     | 5500    | 306    | 253 | 10.7      | 135     | .841    | .0460  | 41.1     |
| 2001       | 402         | .026 | 18.5                     | 13.3     | 16.7    | 15.0     | 5500    | 306    | 259 | 10.5      | 136     | .857    | .0472  | 41.3     |
| 2002       | 278         | .017 | 18.4                     | 12.9     | 17.3    | 15.0     | 5500    | 310    | 267 | 10.2      | 138     | .862    | .0486  | 41.2     |
| 2003       | 317         | .020 | 18.3                     | 12.8     | 16.9    | 14.8     | 5500    | 297    | 258 | 10.5      | 136     | .867    | .0469  | 40.8     |
| 2004       | 483         | .031 | 18.4                     | 12.8     | 17.0    | 14.9     | 5500    | 302    | 280 | 10.0      | 142     | .933    | .0509  | 41.0     |
| 2005       | 365         | .023 | 18.6                     | 12.8     | 17.2    | 15.0     | 5500    | 296    | 287 | 9.7       | 144     | .978    | .0522  | 41.3     |
| 2006       | 180         | .012 | 19.0                     | 13.1     | 17.6    | 15.3     | 5500    | 307    | 299 | 9.4       | 147     | .981    | .0544  | 42.2     |
| 2007       | 193         | .013 | 19.3                     | 13.3     | 17.8    | 15.6     | 5500    | 295    | 315 | 9.0       | 151     | 1.085   | .0574  | 42.9     |

Percent of 5500 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |      |       | FUEL METERING |     |       | NUMBER OF VALVES |       |      |      |     | VVT  | HYBRID |
|------------|------------|-------|--------------|------|-------|---------------|-----|-------|------------------|-------|------|------|-----|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK | CVT   | PORT          | TBI | DSL   | TWO              | THREE | FOUR | FIVE |     |      |        |
| 1975       |            | 84.6  |              | 15.4 |       |               |     |       |                  |       |      |      |     |      |        |
| 1976       |            | 72.3  |              | 9.9  |       |               |     |       |                  |       |      |      |     |      |        |
| 1977       |            | 77.0  |              | 8.8  |       |               |     |       |                  |       |      |      |     |      |        |
| 1978       |            | 79.0  |              | 8.2  |       |               |     |       |                  |       |      |      |     |      |        |
| 1979       |            | 26.5  |              | 21.0 |       |               |     |       |                  |       |      |      |     |      |        |
| 1980       |            | 84.1  |              |      | 100.0 |               |     |       |                  |       |      |      |     |      |        |
| 1981       |            | 100.0 |              | 6.8  | 93.2  |               |     |       |                  |       |      |      |     |      |        |
| 1982       |            | 66.8  |              | 10.8 | 89.2  |               |     |       |                  | 89.3  |      |      |     |      |        |
| 1983       |            | 68.3  |              | 1.3  | 98.7  |               |     |       |                  | 75.1  |      |      |     |      |        |
| 1984       |            | 74.8  |              | 2.3  | 97.7  |               |     |       |                  | 49.3  |      |      |     |      |        |
| 1985       |            | 100.0 |              | 2.8  | 97.2  |               |     |       |                  | 16.9  |      |      |     |      |        |
| 1986       |            | 100.0 |              | 1.9  | 98.1  |               |     |       |                  | 9.6   |      |      |     |      |        |
| 1987       |            | 37.9  |              | .2   | 99.8  |               |     |       | 98.4             | 1.6   |      |      |     |      |        |
| 1988       |            | 40.7  |              | .2   | 99.8  |               |     |       | 98.8             | 1.2   |      |      |     |      |        |
| 1989       |            | 2.2   |              |      | 100.0 |               |     |       | 98.6             | 1.4   |      |      |     |      |        |
| 1990       |            | 1.0   |              |      | 100.0 |               |     |       | 98.9             | 1.1   |      |      |     |      |        |
| 1991       |            | 1.3   |              |      | 100.0 |               |     |       | 98.6             | 1.4   |      |      |     |      |        |
| 1992       |            | 46.2  |              |      | 100.0 |               |     |       | 100.0            |       |      |      |     |      |        |
| 1993       |            | 35.6  |              |      | 100.0 |               |     |       | 100.0            |       |      |      |     |      |        |
| 1994       |            | 39.3  |              |      | 100.0 |               | 1.5 | 98.5  |                  | 100.0 |      |      |     |      |        |
| 1995       |            | 66.5  |              |      | 100.0 |               |     | 100.0 |                  | 100.0 |      |      |     |      |        |
| 1996       |            | 74.9  |              |      | 100.0 |               |     | 100.0 |                  | 100.0 |      |      |     |      |        |
| 1997       |            | 85.1  |              |      | 100.0 |               |     | 100.0 |                  | 100.0 |      |      |     |      |        |
| 1998       |            | 85.1  |              |      | 100.0 |               |     | 100.0 |                  | 96.6  |      | 3.4  |     |      |        |
| 1999       |            | 14.8  |              |      | 100.0 |               |     | 100.0 |                  | 95.7  |      | 4.3  |     |      |        |
| 2000       |            | 40.6  |              |      | 100.0 |               |     | 100.0 |                  | 84.2  | 11.8 | 4.0  |     |      |        |
| 2001       |            | 45.7  |              |      | 100.0 |               |     | 100.0 |                  | 76.3  | 10.0 | 13.7 |     |      |        |
| 2002       |            | 19.9  |              |      | 100.0 |               |     | 100.0 |                  | 71.2  |      | 28.8 |     |      |        |
| 2003       |            | 20.0  |              |      | 100.0 |               |     | 100.0 |                  | 75.3  | 2.7  | 22.0 |     |      |        |
| 2004       |            | 47.7  |              |      | 100.0 |               |     | 100.0 |                  | 52.8  | 3.8  | 39.8 | 3.7 | 30.3 |        |
| 2005       |            | 56.9  |              |      | 100.0 |               |     | 100.0 |                  | 53.6  |      | 44.3 | 2.0 | 39.0 |        |
| 2006       |            | 50.6  |              |      | 100.0 |               |     | 100.0 |                  | 46.5  |      | 51.4 | 2.1 | 53.5 |        |
| 2007       |            | 85.0  |              |      | 100.0 |               |     | 100.0 |                  | 37.7  | 1.9  | 60.5 |     | 40.0 |        |

Table G-34

Characteristics of 1975 to 2007 6000 lb. SUVs

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 0           | .000 | 10.3                     | 8.3      | 9.3     | 8.7      | 6000    | 400    | 170 | 15.7      | 110     | .425    | .0283  | 26.2     |
| 1976       | 1           | .000 | 11.9                     | 9.5      | 11.0    | 10.1     | 6000    | 400    | 170 | 15.6      | 110     | .426    | .0284  | 30.4     |
| 1977       | 1           | .000 | 11.9                     | 9.5      | 11.0    | 10.1     | 6000    | 400    | 180 | 15.0      | 113     | .450    | .0300  | 30.4     |
| 1978       | 1           | .000 | 11.4                     | 9.2      | 10.2    | 9.7      | 6000    | 400    | 180 | 15.0      | 112     | .449    | .0300  | 29.0     |
| 1980       | 3           | .000 | 13.4                     | 10.3     | 13.2    | 11.4     | 6000    | 350    | 165 | 16.1      | 109     | .470    | .0274  | 34.2     |
| 1982       | 4           | .000 | 21.2                     | 16.5     | 20.5    | 18.1     | 6000    | 350    | 130 | 19.5      | 100     | .371    | .0217  | 54.2     |
| 1983       | 4           | .000 | 20.8                     | 16.0     | 20.4    | 17.7     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 53.2     |
| 1984       | 4           | .000 | 21.0                     | 16.1     | 20.8    | 17.9     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 53.8     |
| 1985       | 7           | .000 | 21.4                     | 16.2     | 21.7    | 18.3     | 6000    | 378    | 131 | 19.4      | 100     | .348    | .0219  | 55.3     |
| 1986       | 5           | .000 | 22.1                     | 16.7     | 22.1    | 18.8     | 6000    | 379    | 130 | 19.5      | 100     | .343    | .0217  | 56.5     |
| 1987       | 3           | .000 | 20.9                     | 15.9     | 20.5    | 17.8     | 6000    | 376    | 137 | 18.9      | 102     | .366    | .0229  | 54.1     |
| 1988       | 3           | .000 | 18.3                     | 13.9     | 17.8    | 15.5     | 6000    | 368    | 162 | 16.9      | 108     | .445    | .0270  | 47.9     |
| 1989       | 32          | .002 | 15.8                     | 11.9     | 15.4    | 13.3     | 6000    | 351    | 206 | 13.6      | 119     | .586    | .0343  | 40.2     |
| 1990       | 32          | .003 | 16.0                     | 12.0     | 15.6    | 13.5     | 6000    | 351    | 206 | 13.5      | 119     | .588    | .0344  | 40.6     |
| 1991       | 18          | .001 | 15.7                     | 11.7     | 15.2    | 13.2     | 6000    | 351    | 207 | 13.5      | 119     | .591    | .0345  | 39.7     |
| 1992       | 21          | .002 | 14.9                     | 10.9     | 14.7    | 12.5     | 6000    | 350    | 210 | 13.3      | 120     | .600    | .0350  | 37.5     |
| 1993       | 49          | .004 | 15.8                     | 11.6     | 15.3    | 13.2     | 6000    | 350    | 210 | 13.3      | 120     | .600    | .0350  | 39.6     |
| 1994       | 60          | .004 | 16.1                     | 12.0     | 15.0    | 13.3     | 6000    | 350    | 210 | 13.3      | 120     | .600    | .0350  | 40.0     |
| 1995       | 61          | .004 | 15.7                     | 11.6     | 14.9    | 13.1     | 6000    | 350    | 210 | 13.3      | 120     | .599    | .0350  | 39.2     |
| 1996       | 58          | .004 | 16.8                     | 12.1     | 16.3    | 13.9     | 6000    | 350    | 250 | 11.5      | 130     | .713    | .0416  | 41.8     |
| 1997       | 74          | .005 | 16.7                     | 12.0     | 15.9    | 13.8     | 6000    | 350    | 250 | 11.5      | 130     | .713    | .0416  | 41.4     |
| 1998       | 50          | .003 | 16.1                     | 11.5     | 15.7    | 13.4     | 6000    | 323    | 230 | 12.3      | 125     | .715    | .0383  | 40.1     |
| 1999       | 166         | .011 | 16.5                     | 11.7     | 16.1    | 13.6     | 6000    | 319    | 237 | 12.1      | 127     | .747    | .0395  | 41.0     |
| 2000       | 269         | .016 | 16.6                     | 11.9     | 15.5    | 13.6     | 6000    | 325    | 257 | 11.3      | 132     | .795    | .0429  | 40.8     |
| 2001       | 219         | .014 | 16.8                     | 12.0     | 15.4    | 13.6     | 6000    | 326    | 274 | 10.7      | 136     | .842    | .0457  | 41.0     |
| 2002       | 453         | .028 | 17.7                     | 12.4     | 16.6    | 14.4     | 6000    | 332    | 294 | 10.2      | 141     | .885    | .0491  | 43.5     |
| 2003       | 654         | .041 | 17.4                     | 12.1     | 16.4    | 14.2     | 6000    | 328    | 279 | 10.6      | 137     | .851    | .0465  | 42.7     |
| 2004       | 634         | .040 | 17.4                     | 12.1     | 16.2    | 14.1     | 6000    | 330    | 287 | 10.4      | 139     | .869    | .0479  | 42.4     |
| 2005       | 490         | .031 | 18.2                     | 12.5     | 16.9    | 14.7     | 6000    | 330    | 302 | 9.9       | 143     | .917    | .0504  | 44.2     |
| 2006       | 291         | .019 | 18.0                     | 12.4     | 16.8    | 14.6     | 6000    | 322    | 304 | 9.9       | 143     | .950    | .0506  | 43.9     |
| 2007       | 662         | .045 | 19.5                     | 13.1     | 18.9    | 15.9     | 6000    | 329    | 321 | 9.5       | 148     | .979    | .0536  | 47.8     |

Percent of 6000 lb. SUVs:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |      |       | FUEL METERING |     |       | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|-------|--------------|------|-------|---------------|-----|-------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK | CVT   | PORT          | TBI | DSL   | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | 100.0 |              | 12.7 |       |               |     |       |                  |       |      |      |  |      |        |
| 1976       |            | 100.0 |              | 12.8 |       |               |     |       |                  |       |      |      |  |      |        |
| 1977       |            | 100.0 |              | 11.6 |       |               |     |       |                  |       |      |      |  |      |        |
| 1978       |            | 100.0 |              | 15.5 |       |               |     |       |                  |       |      |      |  |      |        |
| 1980       |            | 3.4   |              |      | 100.0 |               |     |       |                  |       |      |      |  |      |        |
| 1982       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1983       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1984       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1985       |            | 47.3  |              |      | 100.0 |               |     | 95.9  |                  |       |      |      |  |      |        |
| 1986       |            | 49.0  |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1987       |            | 56.8  |              | 9.1  | 90.9  |               |     | 9.1   | 90.9             |       |      |      |  |      |        |
| 1988       |            | 70.0  |              | 7.3  | 92.7  |               |     | 37.7  | 62.3             |       |      |      |  |      |        |
| 1989       |            | 97.2  |              | 1.0  | 99.0  |               |     | 94.6  | 5.4              |       |      |      |  |      |        |
| 1990       |            | 97.5  |              | .7   | 99.3  |               |     | 95.2  | 4.8              |       |      |      |  |      |        |
| 1991       |            | 96.2  |              |      | 100.0 |               |     | 96.1  | 3.9              |       |      |      |  |      |        |
| 1992       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1993       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |      |        |
| 1994       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  | 100.0 |      |      |  |      |        |
| 1995       |            | 100.0 |              |      | 100.0 |               |     | 99.0  |                  | 100.0 |      |      |  |      |        |
| 1996       |            | 100.0 |              |      | 100.0 |               |     | 99.5  |                  | 100.0 |      |      |  |      |        |
| 1997       |            | 100.0 |              |      | 100.0 |               |     | 99.6  |                  | 100.0 |      |      |  |      |        |
| 1998       |            | 100.0 |              |      | 100.0 |               |     | 99.7  |                  | 87.0  |      | 13.0 |  |      |        |
| 1999       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  | 70.2  |      | 29.8 |  |      |        |
| 2000       |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  | 86.4  |      | 13.6 |  |      |        |
| 2001       |            | 93.4  |              |      | 100.0 |               |     | 100.0 |                  | 77.0  |      | 23.0 |  |      |        |
| 2002       |            | 84.5  |              |      | 100.0 |               |     | 100.0 |                  | 92.7  |      | 7.3  |  |      |        |
| 2003       |            | 75.1  |              |      | 100.0 |               |     | 100.0 |                  | 92.2  |      | 7.7  |  | 2.1  |        |
| 2004       |            | 78.2  |              |      | 100.0 |               |     | 99.9  |                  | 86.6  |      | 13.1 |  | 7.3  |        |
| 2005       |            | 76.6  |              |      | 100.0 |               |     | 100.0 |                  | 63.4  | 24.1 | 12.5 |  | 34.9 |        |
| 2006       |            | 76.9  |              |      | 100.0 |               |     | 99.8  |                  | 41.2  | 32.1 | 26.6 |  | 58.6 |        |
| 2007       |            | 40.2  |              |      | 100.0 |               |     | 99.8  |                  | 63.5  | 20.5 | 16.0 |  | 49.6 |        |

Table G-35

## Characteristics of 1975 to 2007 6500 lb. SUVs

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1991          | 1              | .000 | 20.2                     | 14.7        | 20.4       | 17.0        | 6500       | 379    | 140 | 19.6         | 101        | .369       | .0215     | 55.2        |

## Percent of 6500 lb. SUVs:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |       | FUEL METERING |     |       | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-------|--------------|------|-------|---------------|-----|-------|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT   | PORT          | TBI | DSL   | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1991          |            | 100.0 |              |      | 100.0 |               |     | 100.0 |                  |       |      |      |  |     |        |

Table G-36

## Characteristics of 1975 to 2007 2000 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1980          | 0              | .000 | 25.2                     | 20.3        | 22.9       | 21.4        | 2000       | 49     | 41 | 19.7         | 89         | .837       | .0205     | 21.4        |
| 1981          | 0              | .000 | 25.2                     | 20.3        | 22.9       | 21.4        | 2000       | 49     | 41 | 19.7         | 89         | .837       | .0205     | 21.4        |

## Percent of 2000 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |     |        |
|---------------|------------|-------|--------------|------|-----|---------------|-----|-----|------------------|-------|------|------|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE | VVT | HYBRID |
| 1980          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |     |        |
| 1981          |            | 100.0 |              |      |     |               |     |     |                  |       |      |      |     |        |

Table G-37

## Characteristics of 1975 to 2007 2250 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1979          | 0              | .000 | 25.0                     | 20.1        | 22.9       | 21.2        | 2250       | 49     | 41 | 21.6         | 88         | .837       | .0182     | 23.9        |
| 1980          | 25             | .002 | 32.0                     | 25.3        | 30.0       | 27.2        | 2250       | 94     | 64 | 15.9         | 99         | .677       | .0284     | 32.4        |
| 1981          | 24             | .002 | 41.5                     | 33.2        | 38.1       | 35.2        | 2250       | 97     | 52 | 17.9         | 93         | .536       | .0231     | 39.7        |
| 1982          | 11             | .001 | 43.1                     | 35.7        | 37.6       | 36.5        | 2250       | 96     | 52 | 18.0         | 93         | .539       | .0231     | 41.2        |
| 1983          | 1              | .000 | 39.2                     | 32.6        | 34.0       | 33.2        | 2250       | 91     | 51 | 18.3         | 93         | .571       | .0226     | 39.1        |
| 1984          | 0              | .000 | 28.8                     | 25.3        | 23.1       | 24.2        | 2250       | 59     | 45 | 20.1         | 90         | .763       | .0200     | 27.3        |

## Percent of 2250 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |     | FUEL METERING |      |       | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-------|--------------|------|-----|---------------|------|-------|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL   | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1979          |            | 100.0 | 100.0        |      |     |               |      |       |                  |       |      |      |  |     |        |
| 1980          | 100.0      |       | 100.0        |      |     | 54.6          | 45.4 |       |                  |       |      |      |  |     |        |
| 1981          | 100.0      |       | 100.0        |      |     |               |      | 100.0 |                  |       |      |      |  |     |        |
| 1982          | 98.8       | 1.2   | 100.0        |      |     |               |      | 98.8  |                  |       |      |      |  |     |        |
| 1983          | 84.5       | 15.5  | 100.0        |      |     |               |      | 84.5  |                  |       |      |      |  |     |        |
| 1984          |            | 100.0 | 100.0        |      |     |               |      |       |                  |       |      |      |  |     |        |

Table G-38

## Characteristics of 1975 to 2007 2500 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |    | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP |              |            |            |           |             |
| 1978          | 23             | .002 | 27.2                     | 21.2        | 26.3       | 23.2        | 2500       | 97     | 67 | 16.0         | 98         | .691       | .0268     | 29.1        |
| 1979          | 39             | .003 | 27.5                     | 21.7        | 26.1       | 23.5        | 2500       | 97     | 67 | 16.0         | 98         | .691       | .0268     | 29.4        |
| 1980          | 16             | .001 | 25.8                     | 19.9        | 25.2       | 22.0        | 2500       | 97     | 68 | 15.8         | 99         | .701       | .0272     | 27.5        |
| 1981          | 27             | .003 | 28.4                     | 22.4        | 26.7       | 24.2        | 2500       | 108    | 73 | 14.9         | 101        | .683       | .0294     | 30.2        |
| 1982          | 25             | .003 | 29.7                     | 23.1        | 28.8       | 25.3        | 2500       | 123    | 80 | 14.0         | 104        | .655       | .0321     | 31.7        |
| 1983          | 21             | .002 | 32.6                     | 24.6        | 33.1       | 27.8        | 2500       | 128    | 86 | 13.3         | 107        | .670       | .0343     | 34.9        |
| 1984          | 15             | .001 | 28.1                     | 22.2        | 26.3       | 23.9        | 2500       | 102    | 70 | 16.4         | 99         | .700       | .0279     | 30.1        |
| 1985          | 4              | .000 | 29.6                     | 23.5        | 27.4       | 25.2        | 2500       | 109    | 73 | 15.0         | 101        | .670       | .0292     | 31.5        |
| 1986          | 5              | .000 | 30.0                     | 23.6        | 27.9       | 25.4        | 2500       | 109    | 73 | 15.0         | 101        | .670       | .0292     | 31.7        |
| 1987          | 1              | .000 | 29.8                     | 23.4        | 27.5       | 25.1        | 2500       | 109    | 73 | 15.0         | 101        | .670       | .0292     | 31.4        |

## Percent of 2500 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |     | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|---------------|------------|-------|--------------|------|-----|---------------|------|-----|------------------|-------|------|------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1978          |            | 100.0 | 100.0        |      |     |               |      |     |                  |       |      |      |  |     |        |
| 1979          |            | 100.0 | 100.0        |      |     |               |      |     |                  |       |      |      |  |     |        |
| 1980          | 9.5        | 90.5  | 90.5         |      |     |               | 9.5  |     |                  |       |      |      |  |     |        |
| 1981          | 34.2       | 65.8  | 100.0        |      |     |               | 34.2 |     |                  |       |      |      |  |     |        |
| 1982          | 71.2       | 28.8  | 83.6         |      |     |               | 13.5 |     |                  |       |      |      |  |     |        |
| 1983          | 78.8       | 21.2  | 95.7         | 4.3  |     |               | 4.2  |     |                  |       |      |      |  |     |        |
| 1984          | 36.0       | 64.0  | 96.0         | 4.0  |     |               |      |     |                  |       |      |      |  |     |        |
| 1985          |            | 100.0 | 95.6         | 4.4  |     |               |      |     |                  |       |      |      |  |     |        |
| 1986          |            | 100.0 | 100.0        |      |     |               |      |     |                  |       |      |      |  |     |        |
| 1987          |            | 100.0 | 100.0        |      |     |               |      |     |                  |       |      |      |  |     |        |

Table G-39

Characteristics of 1975 to 2007 2750 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 156         | .015 | 22.7                     | 17.4     | 22.4    | 19.4     | 2750    | 119    | 95  | 13.3      | 108     | .799    | .0347  | 26.7     |
| 1976       | 162         | .013 | 24.1                     | 18.6     | 23.8    | 20.6     | 2750    | 120    | 97  | 13.1      | 109     | .815    | .0355  | 28.4     |
| 1977       | 226         | .016 | 25.7                     | 20.0     | 24.7    | 21.9     | 2750    | 121    | 97  | 13.2      | 109     | .801    | .0352  | 30.2     |
| 1978       | 183         | .013 | 25.8                     | 20.7     | 23.7    | 22.0     | 2750    | 121    | 97  | 13.1      | 109     | .801    | .0353  | 30.3     |
| 1979       | 240         | .017 | 22.7                     | 17.8     | 21.6    | 19.3     | 2750    | 126    | 91  | 13.7      | 106     | .722    | .0330  | 27.0     |
| 1980       | 324         | .029 | 25.2                     | 20.0     | 23.4    | 21.4     | 2750    | 126    | 91  | 13.6      | 107     | .728    | .0333  | 29.7     |
| 1981       | 222         | .021 | 27.9                     | 22.2     | 26.0    | 23.8     | 2750    | 130    | 90  | 13.8      | 106     | .695    | .0329  | 32.9     |
| 1982       | 227         | .023 | 28.3                     | 22.4     | 26.3    | 24.0     | 2750    | 130    | 91  | 13.7      | 106     | .699    | .0331  | 33.3     |
| 1983       | 340         | .033 | 28.8                     | 22.9     | 26.7    | 24.5     | 2750    | 132    | 87  | 14.2      | 105     | .658    | .0315  | 33.9     |
| 1984       | 314         | .022 | 28.2                     | 22.5     | 26.1    | 24.0     | 2750    | 130    | 87  | 14.2      | 105     | .670    | .0317  | 33.3     |
| 1985       | 238         | .016 | 29.9                     | 23.7     | 27.8    | 25.4     | 2750    | 130    | 90  | 13.8      | 106     | .692    | .0328  | 35.1     |
| 1986       | 311         | .020 | 29.5                     | 23.3     | 27.4    | 25.0     | 2750    | 132    | 92  | 13.6      | 107     | .694    | .0334  | 34.6     |
| 1987       | 240         | .016 | 29.7                     | 23.2     | 27.7    | 25.1     | 2750    | 134    | 93  | 13.5      | 107     | .694    | .0338  | 34.6     |
| 1988       | 120         | .008 | 27.8                     | 21.7     | 25.5    | 23.3     | 2750    | 136    | 98  | 12.9      | 109     | .721    | .0356  | 32.2     |
| 1989       | 76          | .005 | 27.6                     | 21.6     | 25.1    | 23.1     | 2750    | 135    | 97  | 12.9      | 109     | .721    | .0354  | 31.9     |
| 1990       | 31          | .002 | 26.0                     | 20.4     | 23.0    | 21.6     | 2750    | 144    | 102 | 12.4      | 111     | .708    | .0371  | 29.7     |
| 1992       | 19          | .002 | 28.2                     | 21.3     | 25.7    | 23.3     | 2750    | 144    | 112 | 11.6      | 115     | .778    | .0407  | 32.0     |

Percent of 2750 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |      |  | VVT | HYBRID |
|------------|------------|-----|--------------|------|-----|---------------|-----|-----|------------------|-------|------|------|--|-----|--------|
|            | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE |  |     |        |
| 1975       |            |     | 88.7         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1976       |            |     | 80.2         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1977       |            |     | 79.9         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1978       |            |     | 86.1         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1979       |            |     | 85.8         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1980       |            |     | 86.9         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1981       |            |     | 90.3         |      |     |               |     | 1.4 |                  |       |      |      |  |     |        |
| 1982       | 1.4        |     | 87.1         | 4.9  |     |               |     | 1.7 |                  |       |      |      |  |     |        |
| 1983       | 4.0        | .1  | 89.4         | .2   |     |               |     |     |                  |       |      |      |  |     |        |
| 1984       | 2.2        | .1  | 88.1         | .3   |     |               | 1.2 |     |                  |       |      |      |  |     |        |
| 1985       |            |     | 92.5         |      |     |               | 1.5 |     |                  |       |      |      |  |     |        |
| 1986       |            |     | 89.0         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1987       |            |     | 90.6         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1988       |            |     | 99.4         |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1989       |            |     | 100.0        |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1990       |            |     | 100.0        |      |     |               |     |     |                  |       |      |      |  |     |        |
| 1992       |            |     | 100.0        |      |     | 100.0         |     |     |                  |       |      |      |  |     |        |



Table G-40

Characteristics of 1975 to 2007 3000 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 60          | .006 | 20.7                     | 16.4     | 19.4    | 17.6     | 3000    | 107    | 70  | 18.2      | 96      | .667    | .0234  | 26.6     |
| 1976       | 63          | .005 | 22.3                     | 17.5     | 21.2    | 19.0     | 3000    | 108    | 70  | 18.3      | 96      | .667    | .0234  | 29.0     |
| 1977       | 78          | .006 | 28.6                     | 22.4     | 27.2    | 24.3     | 3000    | 122    | 75  | 17.2      | 98      | .629    | .0249  | 37.0     |
| 1978       | 124         | .009 | 27.5                     | 21.9     | 25.5    | 23.4     | 3000    | 123    | 77  | 16.7      | 99      | .631    | .0258  | 35.5     |
| 1979       | 174         | .013 | 23.9                     | 18.9     | 22.4    | 20.3     | 3000    | 124    | 80  | 16.2      | 100     | .649    | .0266  | 31.2     |
| 1980       | 169         | .015 | 23.6                     | 18.8     | 21.9    | 20.1     | 3000    | 127    | 84  | 15.5      | 101     | .666    | .0281  | 30.7     |
| 1981       | 211         | .020 | 27.1                     | 21.6     | 25.2    | 23.1     | 3000    | 136    | 83  | 16.0      | 101     | .613    | .0278  | 35.6     |
| 1982       | 353         | .036 | 26.4                     | 20.8     | 25.0    | 22.5     | 3000    | 156    | 96  | 14.4      | 106     | .616    | .0322  | 34.4     |
| 1983       | 377         | .037 | 26.4                     | 20.7     | 25.0    | 22.5     | 3000    | 149    | 93  | 14.7      | 105     | .626    | .0310  | 34.3     |
| 1984       | 475         | .034 | 26.6                     | 20.8     | 25.4    | 22.6     | 3000    | 147    | 93  | 14.6      | 105     | .636    | .0310  | 34.5     |
| 1985       | 582         | .040 | 26.3                     | 20.6     | 25.0    | 22.4     | 3000    | 153    | 100 | 13.6      | 108     | .656    | .0334  | 33.9     |
| 1986       | 784         | .051 | 26.8                     | 20.9     | 25.3    | 22.7     | 3000    | 144    | 100 | 13.8      | 108     | .689    | .0333  | 34.3     |
| 1987       | 728         | .049 | 27.0                     | 20.8     | 25.7    | 22.8     | 3000    | 146    | 100 | 13.8      | 108     | .684    | .0334  | 34.4     |
| 1988       | 715         | .047 | 27.4                     | 21.1     | 25.9    | 23.1     | 3000    | 146    | 98  | 14.0      | 107     | .672    | .0328  | 34.9     |
| 1989       | 575         | .040 | 27.6                     | 21.2     | 25.8    | 23.2     | 3000    | 146    | 102 | 13.5      | 109     | .699    | .0340  | 34.9     |
| 1990       | 413         | .033 | 28.2                     | 21.6     | 25.9    | 23.5     | 3000    | 143    | 109 | 12.8      | 112     | .765    | .0365  | 35.4     |
| 1991       | 577         | .046 | 27.5                     | 20.8     | 25.6    | 22.9     | 3000    | 149    | 109 | 12.8      | 112     | .735    | .0364  | 34.5     |
| 1992       | 318         | .026 | 27.1                     | 20.4     | 25.2    | 22.5     | 3000    | 148    | 112 | 12.5      | 113     | .760    | .0375  | 33.9     |
| 1993       | 364         | .028 | 27.4                     | 20.4     | 25.5    | 22.6     | 3000    | 150    | 115 | 12.2      | 114     | .771    | .0385  | 34.1     |
| 1994       | 275         | .019 | 28.0                     | 20.9     | 25.5    | 23.0     | 3000    | 143    | 117 | 12.0      | 115     | .818    | .0390  | 34.6     |
| 1995       | 171         | .011 | 27.3                     | 20.4     | 24.6    | 22.3     | 3000    | 145    | 128 | 11.2      | 119     | .883    | .0429  | 33.5     |
| 1996       | 103         | .008 | 27.2                     | 20.1     | 24.5    | 22.1     | 3000    | 148    | 139 | 10.5      | 123     | .938    | .0462  | 33.2     |
| 1997       | 66          | .005 | 26.6                     | 19.6     | 23.9    | 21.6     | 3000    | 146    | 134 | 10.8      | 121     | .917    | .0446  | 32.5     |
| 1998       | 80          | .006 | 27.3                     | 20.0     | 24.2    | 22.0     | 3000    | 149    | 142 | 10.3      | 125     | .954    | .0473  | 33.0     |
| 1999       | 50          | .003 | 27.2                     | 19.8     | 24.0    | 21.8     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.8     |
| 2000       | 40          | .002 | 26.7                     | 19.5     | 23.2    | 21.3     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.0     |
| 2001       | 23          | .001 | 27.1                     | 19.7     | 23.2    | 21.5     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.3     |
| 2002       | 20          | .001 | 27.7                     | 19.6     | 24.3    | 22.0     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.9     |
| 2003       | 21          | .001 | 27.7                     | 19.6     | 24.1    | 21.9     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.8     |
| 2004       | 23          | .001 | 27.6                     | 19.4     | 23.9    | 21.7     | 3000    | 149    | 142 | 10.3      | 125     | .953    | .0473  | 32.6     |

Percent of 3000 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |       |      | NUMBER OF VALVES |       |       |      |  | VVT | HYBRID |
|------------|------------|------|--------------|------|-----|---------------|-------|------|------------------|-------|-------|------|--|-----|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR  | FIVE |  |     |        |
| 1975       |            |      | 69.3         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1976       |            |      | 84.5         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1977       |            |      | 88.8         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1978       |            |      | 88.1         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1979       |            | 31.7 | 88.1         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1980       |            | 56.9 | 93.2         |      |     |               |       |      |                  |       |       |      |  |     |        |
| 1981       |            | 44.0 | 93.7         | .1   |     |               |       | 25.5 |                  |       |       |      |  |     |        |
| 1982       |            | 21.0 | 74.1         | 22.7 |     |               |       | 17.0 |                  |       |       |      |  |     |        |
| 1983       |            | 16.4 | 73.6         | 9.6  |     |               |       | 8.8  |                  |       |       |      |  |     |        |
| 1984       |            | 9.4  | 74.8         | 11.5 |     |               | 3.4   | 4.7  |                  |       |       |      |  |     |        |
| 1985       |            | 9.9  | 68.8         | 26.0 |     |               | 16.8  | 14.0 | 1.8              |       |       |      |  |     |        |
| 1986       |            | 4.1  | 78.9         | 16.7 |     |               | 19.3  | 33.6 |                  |       |       |      |  |     |        |
| 1987       |            | 4.6  | 77.4         | 15.9 |     |               | 20.3  | 39.9 |                  |       |       |      |  |     |        |
| 1988       |            | 1.0  | 77.9         | 15.9 |     |               | 28.3  | 37.0 |                  |       |       |      |  |     |        |
| 1989       |            |      | 82.7         | 11.6 |     |               | 31.0  | 45.2 |                  |       |       |      |  |     |        |
| 1990       |            |      | 86.3         | 10.7 |     |               | 70.8  | 10.1 |                  |       |       |      |  |     |        |
| 1991       |            |      | 88.1         | 9.0  |     |               | 51.5  | 37.9 |                  |       |       |      |  |     |        |
| 1992       |            |      | 85.9         | 9.4  |     |               | 53.1  | 28.2 |                  |       |       |      |  |     |        |
| 1993       |            |      | 87.3         | 8.3  |     |               | 63.2  | 25.2 |                  |       |       |      |  |     |        |
| 1994       |            |      | 85.5         | 5.3  |     |               | 92.5  |      | 100.0            |       |       |      |  |     |        |
| 1995       |            |      | 79.0         | 9.2  |     |               | 100.0 |      | 81.9             |       | 18.1  |      |  |     |        |
| 1996       |            |      | 72.2         | 2.1  |     |               | 100.0 |      |                  | 39.0  | 60.9  |      |  |     |        |
| 1997       |            |      | 82.0         | 18.0 |     |               | 100.0 |      |                  | 99.1  |       |      |  |     |        |
| 1998       |            |      | 54.3         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 1999       |            |      | 52.2         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 2000       |            |      | 47.6         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 2001       |            |      | 47.6         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 2002       |            |      | 47.2         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 2003       |            |      | 45.1         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |
| 2004       |            |      | 42.9         |      |     |               | 100.0 |      |                  |       | 100.0 |      |  |     |        |

Table G-41

## Characteristics of 1975 to 2007 3500 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1975          | 39             | .004 | 15.1                     | 11.9        | 14.4       | 12.9        | 3500       | 348    | 156 | 11.1         | 124        | .447       | .0445     | 22.7        |
| 1976          | 71             | .006 | 16.5                     | 13.1        | 15.5       | 14.1        | 3500       | 319    | 138 | 12.3         | 117        | .440       | .0394     | 25.0        |
| 1977          | 65             | .005 | 17.1                     | 13.6        | 15.9       | 14.6        | 3500       | 328    | 143 | 12.1         | 119        | .442       | .0408     | 25.8        |
| 1978          | 89             | .006 | 18.5                     | 14.6        | 17.4       | 15.8        | 3500       | 275    | 132 | 12.9         | 115        | .497       | .0377     | 27.8        |
| 1979          | 22             | .002 | 18.9                     | 15.1        | 17.5       | 16.1        | 3500       | 208    | 106 | 15.0         | 106        | .531       | .0304     | 28.6        |
| 1980          | 53             | .005 | 18.7                     | 15.2        | 16.8       | 15.9        | 3500       | 213    | 113 | 14.3         | 108        | .557       | .0323     | 28.1        |
| 1981          | 105            | .010 | 21.3                     | 16.9        | 19.8       | 18.1        | 3500       | 247    | 112 | 14.2         | 108        | .472       | .0319     | 31.9        |
| 1982          | 120            | .012 | 22.3                     | 17.7        | 21.0       | 19.0        | 3500       | 210    | 108 | 14.4         | 107        | .545       | .0310     | 33.4        |
| 1983          | 231            | .022 | 23.4                     | 18.2        | 22.5       | 19.9        | 3500       | 178    | 107 | 14.6         | 106        | .618       | .0305     | 35.1        |
| 1984          | 356            | .025 | 22.7                     | 17.8        | 21.7       | 19.4        | 3500       | 174    | 104 | 15.0         | 105        | .615       | .0297     | 34.2        |
| 1985          | 342            | .024 | 23.3                     | 18.3        | 22.3       | 19.9        | 3500       | 180    | 109 | 14.3         | 107        | .641       | .0313     | 35.0        |
| 1986          | 432            | .028 | 23.2                     | 18.1        | 22.0       | 19.7        | 3500       | 167    | 119 | 13.5         | 111        | .726       | .0341     | 34.7        |
| 1987          | 478            | .032 | 22.9                     | 17.6        | 21.9       | 19.4        | 3500       | 178    | 121 | 13.4         | 111        | .696       | .0347     | 34.1        |
| 1988          | 491            | .032 | 22.8                     | 17.5        | 21.8       | 19.3        | 3500       | 183    | 129 | 12.7         | 114        | .719       | .0370     | 33.9        |
| 1989          | 439            | .030 | 22.6                     | 17.3        | 21.5       | 19.0        | 3500       | 195    | 132 | 12.6         | 115        | .696       | .0376     | 33.5        |
| 1990          | 316            | .025 | 23.1                     | 17.5        | 21.9       | 19.4        | 3500       | 186    | 135 | 12.3         | 116        | .741       | .0386     | 34.0        |
| 1991          | 413            | .033 | 23.9                     | 17.9        | 22.8       | 20.0        | 3500       | 199    | 137 | 12.1         | 117        | .712       | .0393     | 35.1        |
| 1992          | 413            | .034 | 24.7                     | 18.3        | 23.4       | 20.5        | 3500       | 187    | 131 | 12.6         | 115        | .719       | .0374     | 36.2        |
| 1993          | 444            | .034 | 24.5                     | 18.2        | 23.2       | 20.4        | 3500       | 186    | 134 | 12.4         | 116        | .738       | .0384     | 35.9        |
| 1994          | 736            | .052 | 25.3                     | 18.6        | 23.7       | 20.9        | 3500       | 178    | 132 | 12.7         | 115        | .752       | .0377     | 36.8        |
| 1995          | 578            | .038 | 26.3                     | 19.1        | 24.6       | 21.6        | 3500       | 167    | 131 | 12.6         | 115        | .804       | .0375     | 38.2        |
| 1996          | 568            | .043 | 26.3                     | 19.1        | 24.6       | 21.6        | 3500       | 157    | 129 | 12.8         | 114        | .828       | .0368     | 38.1        |
| 1997          | 457            | .032 | 27.0                     | 19.5        | 24.9       | 22.0        | 3500       | 154    | 123 | 13.1         | 112        | .815       | .0353     | 38.9        |
| 1998          | 630            | .044 | 26.1                     | 18.7        | 24.1       | 21.2        | 3500       | 157    | 130 | 12.6         | 115        | .840       | .0373     | 37.5        |
| 1999          | 493            | .032 | 24.9                     | 17.7        | 23.0       | 20.2        | 3500       | 162    | 133 | 12.4         | 116        | .827       | .0380     | 35.8        |
| 2000          | 545            | .033 | 24.9                     | 17.6        | 22.9       | 20.1        | 3500       | 163    | 135 | 12.3         | 116        | .842       | .0386     | 35.5        |
| 2001          | 348            | .022 | 24.5                     | 17.4        | 22.3       | 19.7        | 3500       | 161    | 138 | 12.1         | 118        | .867       | .0395     | 34.8        |
| 2002          | 213            | .013 | 24.9                     | 17.6        | 22.3       | 19.9        | 3500       | 168    | 146 | 11.5         | 120        | .884       | .0417     | 35.3        |
| 2003          | 293            | .019 | 25.7                     | 17.8        | 23.5       | 20.6        | 3500       | 154    | 135 | 12.4         | 116        | .889       | .0385     | 36.3        |
| 2004          | 131            | .008 | 25.9                     | 18.0        | 23.1       | 20.6        | 3500       | 158    | 149 | 11.4         | 121        | .944       | .0425     | 36.3        |
| 2005          | 92             | .006 | 25.9                     | 17.7        | 23.5       | 20.6        | 3500       | 167    | 159 | 10.8         | 125        | .960       | .0455     | 36.3        |
| 2006          | 97             | .006 | 26.0                     | 17.6        | 23.9       | 20.7        | 3500       | 165    | 161 | 10.7         | 126        | .981       | .0460     | 36.4        |
| 2007          | 79             | .005 | 26.5                     | 18.2        | 23.7       | 21.0        | 3500       | 163    | 156 | 10.9         | 124        | .964       | .0447     | 37.1        |

## Percent of 3500 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |     | TRANSMISSION |      |     | FUEL METERING |      |     | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|---------------|------------|-----|--------------|------|-----|---------------|------|-----|------------------|-------|------|------|--|------|--------|
|               | FRONT      | 4WD | MANUAL       | LOCK | CVT | PORT          | TBI  | DSL | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975          |            |     | 5.9          |      |     |               |      |     |                  |       |      |      |  |      |        |
| 1976          |            |     | 11.9         |      |     |               |      |     |                  |       |      |      |  |      |        |
| 1977          |            |     | 9.3          |      |     |               |      |     |                  |       |      |      |  |      |        |
| 1978          |            |     | 20.5         |      |     |               |      |     |                  |       |      |      |  |      |        |
| 1979          |            |     | 35.1         |      |     |               |      |     |                  |       |      |      |  |      |        |
| 1980          |            |     | 42.1         | 49.3 |     |               |      |     |                  |       |      |      |  |      |        |
| 1981          | 6.1        |     | 62.3         | 31.0 |     |               |      |     |                  |       |      |      |  |      |        |
| 1982          | 31.5       |     | 80.0         | 16.2 |     |               |      |     |                  |       |      |      |  |      |        |
| 1983          | 59.4       |     | 66.6         | 28.0 |     |               |      |     | 1.6              |       |      |      |  |      |        |
| 1984          | 62.0       |     | 67.5         | 25.4 |     |               |      |     | 2.5              |       |      |      |  |      |        |
| 1985          | 60.9       |     | 71.5         | 25.0 |     | 14.2          | 3.5  |     |                  |       |      |      |  |      |        |
| 1986          | 67.4       |     | 69.0         | 30.2 |     | 35.6          | 30.1 |     |                  |       |      |      |  |      |        |
| 1987          | 56.2       |     | 55.2         | 44.0 |     | 28.5          | 30.0 |     |                  |       |      |      |  |      |        |
| 1988          | 55.6       |     | 54.0         | 45.2 |     | 54.5          | 40.6 |     |                  |       |      |      |  |      |        |
| 1989          | 37.3       |     | 51.7         | 47.9 |     | 53.8          | 44.0 |     |                  |       |      |      |  |      |        |
| 1990          | 30.7       |     | 52.7         | 47.3 |     | 77.5          | 22.5 |     |                  |       |      |      |  |      |        |
| 1991          | 21.3       |     | 52.4         | 47.6 |     | 59.0          | 41.0 |     |                  |       |      |      |  |      |        |
| 1992          | 18.4       |     | 65.1         | 34.9 |     | 70.5          | 29.5 |     |                  |       |      |      |  |      |        |
| 1993          | 19.1       |     | 64.4         | 35.6 |     | 76.2          | 23.8 |     |                  |       |      |      |  |      |        |
| 1994          | 9.0        |     | 63.2         | 36.8 |     | 86.6          | 13.4 |     | 98.1             | 1.7   |      |      |  |      |        |
| 1995          | 7.7        |     | 69.5         | 30.5 |     | 83.1          | 16.9 |     | 93.1             |       | 6.9  |      |  |      |        |
| 1996          | 7.5        |     | 66.2         | 33.8 |     | 100.0         |      |     | 85.2             | 5.9   | 8.9  |      |  |      |        |
| 1997          | 1.0        |     | 67.9         | 32.1 |     | 100.0         |      |     | 90.8             | 8.7   |      |      |  |      |        |
| 1998          | 8.5        |     | 57.8         | 42.2 |     | 100.0         |      |     | 81.1             |       | 18.9 |      |  |      |        |
| 1999          | 7.5        |     | 46.9         | 53.1 |     | 100.0         |      |     | 83.9             |       | 16.1 |      |  |      |        |
| 2000          | 5.4        |     | 41.0         | 59.0 |     | 100.0         |      |     | 80.3             |       | 19.7 |      |  |      |        |
| 2001          | 2.8        |     | 40.2         | 57.1 |     | 100.0         |      |     | 65.6             |       | 34.4 |      |  |      |        |
| 2002          |            |     | 34.7         | 60.6 |     | 100.0         |      |     | 45.2             |       | 54.8 |      |  |      |        |
| 2003          |            |     | 36.1         | 60.4 |     | 100.0         |      |     | 66.8             |       | 33.2 |      |  |      |        |
| 2004          |            |     | 38.5         | 53.7 |     | 100.0         |      |     | 22.6             |       | 77.4 |      |  | 12.7 |        |
| 2005          |            |     | 37.7         | 62.3 |     | 100.0         |      |     | 22.1             |       | 77.9 |      |  | 51.5 |        |
| 2006          |            | .7  | 36.2         | 63.8 |     | 100.0         |      |     | 14.7             |       | 85.3 |      |  | 61.2 |        |
| 2007          |            |     | 46.9         | 53.1 |     | 100.0         |      |     | 21.3             |       | 78.7 |      |  | 76.7 |        |

Table G-42

Characteristics of 1975 to 2007 4000 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 733         | .072 | 14.1                     | 11.0     | 13.6    | 12.0     | 4000    | 330    | 143 | 13.2      | 115     | .433    | .0358  | 24.6     |
| 1976       | 906         | .073 | 15.3                     | 12.2     | 14.3    | 13.1     | 4000    | 327    | 135 | 13.8      | 112     | .412    | .0338  | 26.8     |
| 1977       | 855         | .061 | 16.7                     | 13.4     | 15.3    | 14.2     | 4000    | 322    | 144 | 13.2      | 115     | .445    | .0359  | 28.9     |
| 1978       | 951         | .066 | 16.1                     | 13.0     | 14.4    | 13.6     | 4000    | 318    | 144 | 13.1      | 115     | .453    | .0361  | 28.0     |
| 1979       | 606         | .044 | 15.9                     | 12.9     | 14.4    | 13.5     | 4000    | 305    | 142 | 13.2      | 114     | .465    | .0356  | 27.4     |
| 1980       | 439         | .039 | 18.7                     | 14.9     | 17.4    | 15.9     | 4000    | 282    | 127 | 14.3      | 109     | .451    | .0317  | 32.1     |
| 1981       | 587         | .056 | 19.2                     | 15.2     | 17.9    | 16.3     | 4000    | 286    | 128 | 14.2      | 110     | .451    | .0320  | 33.0     |
| 1982       | 396         | .041 | 18.7                     | 14.9     | 17.4    | 15.9     | 4000    | 292    | 130 | 14.2      | 110     | .446    | .0325  | 32.2     |
| 1983       | 332         | .032 | 18.5                     | 14.7     | 17.4    | 15.8     | 4000    | 291    | 130 | 14.2      | 110     | .446    | .0324  | 32.0     |
| 1984       | 406         | .029 | 18.5                     | 14.6     | 17.4    | 15.7     | 4000    | 287    | 127 | 14.5      | 109     | .442    | .0317  | 32.0     |
| 1985       | 385         | .027 | 18.5                     | 14.8     | 17.2    | 15.8     | 4000    | 292    | 139 | 13.5      | 114     | .479    | .0349  | 31.9     |
| 1986       | 465         | .030 | 19.2                     | 15.2     | 17.7    | 16.3     | 4000    | 276    | 134 | 13.8      | 112     | .505    | .0336  | 32.8     |
| 1987       | 271         | .018 | 19.1                     | 15.1     | 17.6    | 16.2     | 4000    | 273    | 141 | 13.3      | 114     | .530    | .0353  | 32.5     |
| 1988       | 370         | .024 | 19.7                     | 15.2     | 18.7    | 16.6     | 4000    | 282    | 154 | 12.3      | 118     | .555    | .0385  | 33.4     |
| 1989       | 369         | .026 | 20.1                     | 15.3     | 19.3    | 17.0     | 4000    | 269    | 159 | 12.1      | 120     | .607    | .0397  | 34.2     |
| 1990       | 342         | .027 | 20.2                     | 15.1     | 19.4    | 16.9     | 4000    | 271    | 162 | 11.9      | 121     | .612    | .0405  | 34.0     |
| 1991       | 353         | .028 | 20.4                     | 15.2     | 19.6    | 17.1     | 4000    | 262    | 159 | 12.1      | 120     | .623    | .0397  | 34.3     |
| 1992       | 332         | .027 | 20.4                     | 15.1     | 19.7    | 17.1     | 4000    | 250    | 154 | 12.4      | 118     | .628    | .0386  | 34.3     |
| 1993       | 313         | .024 | 20.5                     | 15.2     | 19.5    | 17.1     | 4000    | 236    | 155 | 12.3      | 119     | .669    | .0388  | 34.3     |
| 1994       | 536         | .038 | 20.9                     | 15.4     | 19.8    | 17.3     | 4000    | 241    | 169 | 11.5      | 123     | .715    | .0423  | 34.8     |
| 1995       | 292         | .019 | 20.9                     | 15.4     | 19.5    | 17.3     | 4000    | 230    | 164 | 11.7      | 122     | .727    | .0411  | 34.7     |
| 1996       | 286         | .022 | 21.6                     | 15.7     | 20.3    | 17.8     | 4000    | 239    | 173 | 11.2      | 124     | .734    | .0432  | 35.7     |
| 1997       | 425         | .029 | 21.5                     | 15.5     | 20.2    | 17.6     | 4000    | 246    | 184 | 10.7      | 128     | .756    | .0461  | 35.3     |
| 1998       | 437         | .030 | 21.3                     | 15.3     | 19.9    | 17.4     | 4000    | 236    | 178 | 11.0      | 126     | .766    | .0446  | 34.9     |
| 1999       | 420         | .028 | 20.7                     | 14.9     | 19.1    | 16.9     | 4000    | 231    | 172 | 11.3      | 124     | .755    | .0431  | 33.8     |
| 2000       | 481         | .029 | 20.8                     | 14.9     | 19.1    | 16.9     | 4000    | 222    | 171 | 11.4      | 124     | .779    | .0429  | 33.9     |
| 2001       | 436         | .028 | 20.7                     | 14.8     | 18.8    | 16.7     | 4000    | 226    | 184 | 10.7      | 128     | .819    | .0460  | 33.6     |
| 2002       | 385         | .024 | 20.9                     | 15.0     | 18.6    | 16.8     | 4000    | 220    | 183 | 10.8      | 128     | .836    | .0457  | 33.7     |
| 2003       | 396         | .025 | 21.4                     | 15.2     | 19.2    | 17.2     | 4000    | 213    | 178 | 11.1      | 126     | .844    | .0445  | 34.5     |
| 2004       | 380         | .024 | 21.8                     | 15.2     | 19.6    | 17.4     | 4000    | 208    | 189 | 10.5      | 130     | .910    | .0473  | 35.0     |
| 2005       | 293         | .018 | 23.1                     | 15.9     | 20.9    | 18.4     | 4000    | 211    | 206 | 9.9       | 136     | .978    | .0516  | 37.1     |
| 2006       | 292         | .019 | 23.2                     | 16.0     | 21.0    | 18.5     | 4000    | 210    | 202 | 10.1      | 134     | .964    | .0506  | 37.3     |
| 2007       | 258         | .017 | 22.8                     | 15.8     | 20.6    | 18.2     | 4000    | 216    | 201 | 10.1      | 134     | .936    | .0504  | 36.6     |

Percent of 4000 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|------|--------------|------|-----|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | .7   | 33.1         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1976       |            | 1.0  | 33.8         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1977       |            | 1.2  | 30.6         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1978       |            | 1.1  | 30.5         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1979       |            | 6.3  | 33.8         | 4.8  |     |               |       |      |                  |       |      |      |  |      |        |
| 1980       |            | 5.6  | 51.5         | 17.4 |     |               |       |      |                  |       |      |      |  |      |        |
| 1981       |            | 7.3  | 44.3         | 35.1 |     |               |       |      |                  |       |      |      |  |      |        |
| 1982       |            | 9.4  | 32.9         | 28.4 |     |               |       |      |                  |       |      |      |  |      |        |
| 1983       |            | 4.8  | 27.0         | 49.0 |     |               |       |      |                  |       |      |      |  |      |        |
| 1984       |            | 6.3  | 34.2         | 39.9 |     |               |       |      |                  |       |      |      |  |      |        |
| 1985       |            | 7.8  | 26.7         | 32.0 |     |               | 13.8  |      |                  |       |      |      |  |      |        |
| 1986       |            | 13.5 | 36.8         | 33.5 |     |               | 28.0  | 11.0 |                  |       |      |      |  |      |        |
| 1987       | .1         | 17.6 | 40.2         | 35.5 |     |               | 48.8  | 17.6 |                  |       |      |      |  |      |        |
| 1988       | .0         | 18.0 | 43.2         | 40.1 |     |               | 39.6  | 60.4 |                  |       |      |      |  |      |        |
| 1989       |            | 37.0 | 39.8         | 54.8 |     |               | 28.4  | 71.6 |                  |       |      |      |  |      |        |
| 1990       |            | 27.6 | 36.9         | 57.8 |     |               | 31.6  | 68.4 |                  |       |      |      |  |      |        |
| 1991       |            | 40.0 | 42.4         | 57.6 |     |               | 36.0  | 64.0 |                  |       |      |      |  |      |        |
| 1992       |            | 32.0 | 37.3         | 62.7 |     |               | 54.4  | 45.6 |                  |       |      |      |  |      |        |
| 1993       |            | 42.3 | 38.0         | 62.0 |     |               | 68.8  | 31.2 |                  |       |      |      |  |      |        |
| 1994       |            | 43.7 | 38.4         | 61.6 |     |               | 66.0  | 34.0 | 91.6             | 8.4   |      |      |  |      |        |
| 1995       |            | 53.8 | 38.4         | 61.6 |     |               | 77.2  | 22.8 | 83.0             |       | 17.0 |      |  |      |        |
| 1996       |            | 44.0 | 31.7         | 68.3 |     |               | 100.0 |      | 77.6             | 5.1   | 17.3 |      |  |      |        |
| 1997       |            | 26.0 | 31.3         | 68.7 |     |               | 100.0 |      | 89.1             | 6.1   | 4.8  |      |  |      |        |
| 1998       |            | 42.1 | 35.5         | 64.5 |     |               | 100.0 |      | 84.5             |       | 15.5 |      |  |      |        |
| 1999       |            | 52.4 | 26.1         | 73.9 |     |               | 100.0 |      | 84.0             |       | 16.0 |      |  |      |        |
| 2000       |            | 45.0 | 21.0         | 79.0 |     |               | 100.0 |      | 86.4             |       | 13.6 |      |  |      |        |
| 2001       |            | 43.1 | 16.7         | 83.3 |     |               | 100.0 |      | 78.5             |       | 21.5 |      |  |      |        |
| 2002       |            | 38.1 | 19.7         | 80.3 |     |               | 100.0 |      | 60.0             |       | 40.0 |      |  |      |        |
| 2003       |            | 36.3 | 15.4         | 84.6 |     |               | 100.0 |      | 65.5             |       | 34.5 |      |  |      |        |
| 2004       |            | 41.3 | 16.3         | 83.7 |     |               | 100.0 |      | 46.6             |       | 53.4 |      |  | 20.3 |        |
| 2005       |            | 35.2 | 17.1         | 82.9 |     |               | 100.0 |      | 22.1             |       | 77.9 |      |  | 72.5 |        |
| 2006       |            | 31.7 | 18.1         | 81.9 |     |               | 100.0 |      | 20.8             |       | 79.2 |      |  | 77.6 |        |
| 2007       |            | 29.9 | 20.3         | 79.7 |     |               | 100.0 |      | 38.4             |       | 61.6 |      |  | 81.5 |        |

Table G-43

Characteristics of 1975 to 2007 4500 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45    | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 180         | .018 | 11.8         | 9.6      | 10.6    | 10.0     | 4500    | 365    | 166 | 12.9      | 118     | .451    | .0369  | 22.6     |
| 1976       | 375         | .030 | 12.6         | 10.3     | 11.3    | 10.7     | 4500    | 365    | 161 | 13.2      | 117     | .439    | .0358  | 24.3     |
| 1977       | 539         | .038 | 13.7         | 11.2     | 12.2    | 11.6     | 4500    | 369    | 169 | 12.6      | 119     | .459    | .0377  | 26.3     |
| 1978       | 578         | .040 | 13.6         | 11.2     | 12.1    | 11.5     | 4500    | 361    | 163 | 12.9      | 117     | .453    | .0363  | 26.3     |
| 1979       | 631         | .045 | 14.2         | 11.8     | 12.7    | 12.2     | 4500    | 320    | 145 | 14.3      | 112     | .459    | .0323  | 27.9     |
| 1980       | 247         | .022 | 15.7         | 12.6     | 14.3    | 13.3     | 4500    | 323    | 147 | 14.1      | 112     | .456    | .0326  | 30.3     |
| 1981       | 210         | .020 | 16.8         | 13.4     | 15.5    | 14.3     | 4500    | 314    | 147 | 14.0      | 112     | .472    | .0327  | 32.6     |
| 1982       | 193         | .020 | 17.1         | 13.7     | 15.7    | 14.5     | 4500    | 311    | 156 | 13.4      | 115     | .504    | .0347  | 33.2     |
| 1983       | 247         | .024 | 17.0         | 13.5     | 15.8    | 14.5     | 4500    | 310    | 151 | 13.8      | 113     | .488    | .0335  | 33.0     |
| 1984       | 385         | .027 | 16.8         | 13.4     | 15.6    | 14.3     | 4500    | 310    | 150 | 13.9      | 113     | .483    | .0333  | 32.6     |
| 1985       | 428         | .030 | 16.8         | 13.4     | 15.5    | 14.3     | 4500    | 310    | 159 | 13.1      | 116     | .513    | .0354  | 32.4     |
| 1986       | 439         | .029 | 17.4         | 13.8     | 16.1    | 14.8     | 4500    | 307    | 155 | 13.5      | 115     | .503    | .0344  | 33.5     |
| 1987       | 353         | .024 | 17.2         | 13.5     | 16.0    | 14.6     | 4500    | 316    | 168 | 12.7      | 119     | .531    | .0374  | 33.0     |
| 1988       | 596         | .039 | 17.8         | 13.7     | 16.9    | 15.0     | 4500    | 322    | 174 | 12.4      | 120     | .539    | .0387  | 33.9     |
| 1989       | 641         | .044 | 17.8         | 13.6     | 16.9    | 15.0     | 4500    | 320    | 174 | 12.4      | 121     | .542    | .0388  | 33.9     |
| 1990       | 506         | .040 | 18.0         | 13.6     | 17.2    | 15.1     | 4500    | 318    | 171 | 12.5      | 120     | .536    | .0381  | 34.3     |
| 1991       | 435         | .035 | 18.1         | 13.5     | 17.5    | 15.2     | 4500    | 315    | 176 | 12.3      | 121     | .555    | .0390  | 34.4     |
| 1992       | 513         | .042 | 18.4         | 13.6     | 17.8    | 15.4     | 4500    | 310    | 171 | 12.6      | 120     | .550    | .0380  | 34.8     |
| 1993       | 614         | .046 | 19.0         | 13.9     | 18.4    | 15.8     | 4500    | 306    | 177 | 12.2      | 121     | .579    | .0394  | 35.8     |
| 1994       | 684         | .048 | 18.7         | 13.7     | 18.0    | 15.6     | 4500    | 311    | 186 | 11.7      | 124     | .600    | .0414  | 35.1     |
| 1995       | 744         | .049 | 18.6         | 13.5     | 17.8    | 15.4     | 4500    | 308    | 182 | 11.9      | 123     | .593    | .0404  | 34.8     |
| 1996       | 543         | .041 | 18.9         | 13.7     | 17.9    | 15.6     | 4500    | 305    | 201 | 11.1      | 129     | .660    | .0447  | 35.3     |
| 1997       | 611         | .042 | 19.8         | 14.2     | 18.8    | 16.3     | 4500    | 283    | 212 | 10.4      | 132     | .753    | .0472  | 36.8     |
| 1998       | 585         | .040 | 19.8         | 14.2     | 18.8    | 16.3     | 4500    | 289    | 216 | 10.3      | 133     | .752    | .0481  | 36.8     |
| 1999       | 624         | .041 | 19.9         | 14.2     | 18.6    | 16.2     | 4500    | 287    | 224 | 10.1      | 136     | .780    | .0497  | 36.7     |
| 2000       | 766         | .046 | 20.0         | 14.3     | 18.6    | 16.3     | 4500    | 281    | 224 | 10.1      | 136     | .798    | .0498  | 36.8     |
| 2001       | 518         | .033 | 20.0         | 14.1     | 18.4    | 16.2     | 4500    | 264    | 210 | 10.6      | 131     | .796    | .0468  | 36.5     |
| 2002       | 555         | .034 | 19.8         | 14.0     | 18.2    | 16.0     | 4500    | 262    | 213 | 10.5      | 132     | .811    | .0473  | 36.1     |
| 2003       | 511         | .032 | 20.2         | 14.2     | 18.5    | 16.3     | 4500    | 261    | 212 | 10.5      | 132     | .814    | .0472  | 36.8     |
| 2004       | 350         | .022 | 20.5         | 14.3     | 18.8    | 16.5     | 4500    | 257    | 215 | 10.4      | 133     | .841    | .0478  | 37.2     |
| 2005       | 374         | .024 | 20.8         | 14.3     | 19.2    | 16.7     | 4500    | 247    | 227 | 10.0      | 137     | .924    | .0505  | 37.7     |
| 2006       | 369         | .025 | 21.3         | 14.6     | 19.6    | 17.1     | 4500    | 240    | 233 | 9.8       | 138     | .980    | .0517  | 38.4     |
| 2007       | 235         | .016 | 21.4         | 14.7     | 19.6    | 17.2     | 4500    | 238    | 235 | 9.7       | 139     | .995    | .0522  | 38.6     |

Percent of 4500 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |     | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|------|--------------|------|-----|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | 55.4 | 51.3         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1976       |            | 64.5 | 45.2         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1977       |            | 58.2 | 31.0         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1978       |            | 68.5 | 31.7         |      |     |               |       | 3.5  |                  |       |      |      |  |      |        |
| 1979       |            | 16.4 | 25.6         |      |     |               |       |      |                  |       |      |      |  |      |        |
| 1980       |            | 30.9 | 32.0         | 44.4 |     |               |       | 2.6  |                  |       |      |      |  |      |        |
| 1981       |            | 25.2 | 18.6         | 60.3 |     |               |       | 1.8  |                  |       |      |      |  |      |        |
| 1982       |            | 20.0 | 15.7         | 64.1 |     |               |       |      |                  |       |      |      |  |      |        |
| 1983       |            | 34.0 | 21.4         | 55.4 |     |               |       |      |                  |       |      |      |  |      |        |
| 1984       |            | 34.6 | 18.6         | 58.4 |     |               |       |      |                  |       |      |      |  |      |        |
| 1985       |            | 33.6 | 16.9         | 64.9 |     |               | 8.0   |      |                  |       |      |      |  |      |        |
| 1986       |            | 36.8 | 19.9         | 66.3 |     |               | 22.3  |      |                  |       |      |      |  |      |        |
| 1987       |            | 35.5 | 21.6         | 45.7 |     |               | 41.5  | 45.8 |                  |       |      |      |  |      |        |
| 1988       |            | 38.3 | 20.3         | 61.7 |     |               | 35.5  | 63.9 |                  |       |      |      |  |      |        |
| 1989       |            | 37.7 | 32.4         | 58.1 |     |               | 45.1  | 54.7 |                  |       |      |      |  |      |        |
| 1990       |            | 34.2 | 25.5         | 66.5 |     |               | 51.7  | 48.2 |                  |       |      |      |  |      |        |
| 1991       |            | 28.6 | 23.7         | 75.3 |     |               | 48.0  | 51.9 |                  |       |      |      |  |      |        |
| 1992       |            | 21.1 | 27.9         | 72.0 |     |               | 59.3  | 40.6 |                  |       |      |      |  |      |        |
| 1993       |            | 16.9 | 19.5         | 80.5 |     |               | 55.4  | 44.6 |                  |       |      |      |  |      |        |
| 1994       |            | 14.5 | 17.3         | 82.7 |     |               | 59.9  | 40.1 |                  | 100.0 |      |      |  |      |        |
| 1995       |            | 18.4 | 26.6         | 73.4 |     |               | 58.9  | 41.1 |                  | 99.3  |      |      |  |      |        |
| 1996       |            | 11.9 | 19.0         | 81.0 |     |               | 100.0 |      |                  | 98.6  | 1.4  |      |  |      |        |
| 1997       |            | 16.3 | 12.5         | 87.5 |     |               | 100.0 |      |                  | 98.8  | 1.2  |      |  |      |        |
| 1998       |            | 9.6  | 11.4         | 88.6 |     |               | 100.0 |      |                  | 99.4  |      |      |  |      |        |
| 1999       |            | 18.1 | 9.4          | 90.6 |     |               | 100.0 |      |                  | 100.0 |      |      |  |      |        |
| 2000       |            | 17.7 | 10.3         | 89.7 |     |               | 100.0 |      |                  | 92.7  | 7.3  |      |  |      |        |
| 2001       |            | 16.0 | 11.0         | 89.0 |     |               | 100.0 |      |                  | 90.9  | 9.1  |      |  |      |        |
| 2002       |            | 27.1 | 8.7          | 91.3 |     |               | 100.0 |      |                  | 84.6  | 15.4 |      |  |      |        |
| 2003       |            | 27.6 | 12.5         | 87.5 |     |               | 100.0 |      |                  | 87.8  | 12.2 |      |  |      |        |
| 2004       |            | 31.9 | 10.9         | 89.1 |     |               | 100.0 |      |                  | 90.9  | 9.1  |      |  | 6.0  |        |
| 2005       |            | 35.7 | 7.6          | 92.4 |     |               | 100.0 |      |                  | 61.9  | 38.1 |      |  | 38.1 |        |
| 2006       |            | 48.8 | 7.4          | 92.6 |     |               | 100.0 |      |                  | 39.0  | 61.0 |      |  | 61.0 |        |
| 2007       |            | 61.7 | 9.8          | 90.2 |     |               | 100.0 |      |                  | 38.4  | 61.6 |      |  | 72.2 |        |

Table G-44

Characteristics of 1975 to 2007 5000 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | <---- FUEL ECONOMY ----> |          |         |          | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/ CID | HP/ WT | TON -MPG |
|------------|-------------|------|--------------------------|----------|---------|----------|---------|--------|-----|-----------|---------|---------|--------|----------|
|            |             |      | LAB 55/45                | ADJ CITY | ADJ HWY | ADJ COMP |         | CID    | HP  |           |         |         |        |          |
| 1975       | 122         | .012 | 11.0                     | 9.0      | 9.7     | 9.3      | 5000    | 371    | 165 | 14.1      | 114     | .443    | .0331  | 23.4     |
| 1976       | 188         | .015 | 11.7                     | 9.6      | 10.3    | 9.9      | 5000    | 367    | 159 | 14.5      | 112     | .430    | .0318  | 24.9     |
| 1977       | 172         | .012 | 12.9                     | 10.6     | 11.4    | 11.0     | 5000    | 378    | 167 | 14.0      | 115     | .440    | .0334  | 27.5     |
| 1978       | 198         | .014 | 12.8                     | 10.5     | 11.3    | 10.8     | 5000    | 370    | 170 | 13.5      | 116     | .462    | .0341  | 27.2     |
| 1979       | 404         | .029 | 12.9                     | 10.8     | 11.2    | 11.0     | 5000    | 372    | 157 | 15.1      | 112     | .419    | .0315  | 28.5     |
| 1980       | 147         | .013 | 15.9                     | 12.7     | 14.6    | 13.5     | 5000    | 351    | 153 | 14.9      | 111     | .436    | .0306  | 35.2     |
| 1981       | 53          | .005 | 16.9                     | 13.5     | 15.6    | 14.4     | 5000    | 333    | 141 | 15.8      | 107     | .425    | .0282  | 37.2     |
| 1982       | 97          | .010 | 18.9                     | 15.0     | 17.5    | 16.0     | 5000    | 336    | 140 | 15.9      | 107     | .420    | .0280  | 41.8     |
| 1983       | 69          | .007 | 18.0                     | 14.1     | 17.1    | 15.3     | 5000    | 334    | 150 | 15.0      | 110     | .458    | .0301  | 39.7     |
| 1984       | 85          | .006 | 17.4                     | 13.6     | 16.6    | 14.8     | 5000    | 322    | 155 | 14.6      | 111     | .487    | .0311  | 37.9     |
| 1985       | 92          | .006 | 16.3                     | 12.7     | 15.7    | 13.9     | 5000    | 322    | 162 | 14.1      | 113     | .505    | .0324  | 35.5     |
| 1986       | 93          | .006 | 16.3                     | 12.7     | 15.6    | 13.8     | 5000    | 321    | 162 | 14.1      | 113     | .507    | .0324  | 35.1     |
| 1987       | 74          | .005 | 16.0                     | 12.5     | 15.0    | 13.6     | 5000    | 332    | 183 | 12.9      | 119     | .550    | .0366  | 34.2     |
| 1988       | 164         | .011 | 16.4                     | 12.6     | 15.7    | 13.9     | 5000    | 342    | 193 | 12.3      | 122     | .565    | .0387  | 35.0     |
| 1989       | 129         | .009 | 16.0                     | 12.4     | 15.0    | 13.5     | 5000    | 322    | 187 | 12.7      | 120     | .588    | .0373  | 34.0     |
| 1990       | 223         | .018 | 16.4                     | 12.4     | 15.9    | 13.8     | 5000    | 337    | 198 | 12.1      | 124     | .591    | .0397  | 34.8     |
| 1991       | 138         | .011 | 16.2                     | 12.2     | 15.4    | 13.5     | 5000    | 333    | 198 | 12.1      | 123     | .598    | .0396  | 34.0     |
| 1992       | 235         | .019 | 16.7                     | 12.4     | 16.2    | 14.0     | 5000    | 330    | 189 | 12.7      | 121     | .571    | .0377  | 35.2     |
| 1993       | 258         | .020 | 16.9                     | 12.5     | 16.3    | 14.1     | 5000    | 333    | 199 | 12.0      | 124     | .599    | .0399  | 35.4     |
| 1994       | 414         | .029 | 17.0                     | 12.5     | 16.2    | 14.1     | 5000    | 336    | 202 | 11.9      | 125     | .601    | .0404  | 35.4     |
| 1995       | 453         | .030 | 16.8                     | 12.3     | 16.1    | 14.0     | 5000    | 337    | 202 | 11.9      | 125     | .601    | .0405  | 35.0     |
| 1996       | 390         | .030 | 17.3                     | 12.5     | 16.7    | 14.4     | 5000    | 334    | 225 | 10.9      | 131     | .675    | .0451  | 36.1     |
| 1997       | 573         | .040 | 18.2                     | 13.1     | 17.4    | 15.0     | 5000    | 319    | 229 | 10.7      | 132     | .722    | .0459  | 37.7     |
| 1998       | 525         | .036 | 17.6                     | 12.5     | 17.0    | 14.6     | 5000    | 327    | 236 | 10.4      | 134     | .724    | .0473  | 36.4     |
| 1999       | 628         | .041 | 18.1                     | 13.0     | 17.0    | 14.9     | 5000    | 322    | 245 | 10.2      | 137     | .763    | .0491  | 37.2     |
| 2000       | 707         | .043 | 18.4                     | 13.2     | 17.0    | 15.0     | 5000    | 317    | 252 | 9.9       | 139     | .797    | .0504  | 37.6     |
| 2001       | 928         | .059 | 18.6                     | 13.2     | 17.3    | 15.1     | 5000    | 314    | 255 | 9.8       | 140     | .813    | .0509  | 37.9     |
| 2002       | 780         | .048 | 18.7                     | 13.2     | 17.1    | 15.1     | 5000    | 305    | 260 | 9.7       | 141     | .854    | .0521  | 37.9     |
| 2003       | 870         | .055 | 18.9                     | 13.3     | 17.2    | 15.2     | 5000    | 304    | 259 | 9.7       | 141     | .852    | .0518  | 38.2     |
| 2004       | 707         | .045 | 19.2                     | 13.4     | 17.4    | 15.4     | 5000    | 311    | 269 | 9.5       | 144     | .862    | .0537  | 38.6     |
| 2005       | 679         | .043 | 19.4                     | 13.4     | 17.8    | 15.6     | 5000    | 304    | 272 | 9.4       | 145     | .892    | .0545  | 39.1     |
| 2006       | 671         | .045 | 19.7                     | 13.7     | 18.0    | 15.8     | 5000    | 302    | 271 | 9.5       | 144     | .894    | .0542  | 39.7     |
| 2007       | 519         | .035 | 19.7                     | 13.5     | 18.3    | 15.9     | 5000    | 294    | 262 | 9.8       | 142     | .886    | .0524  | 39.7     |

Percent of 5000 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |      | TRANSMISSION |      |      | FUEL METERING |       |      | NUMBER OF VALVES |       |      |      |  | VVT  | HYBRID |
|------------|------------|------|--------------|------|------|---------------|-------|------|------------------|-------|------|------|--|------|--------|
|            | FRONT      | 4WD  | MANUAL       | LOCK | CVT  | PORT          | TBI   | DSL  | TWO              | THREE | FOUR | FIVE |  |      |        |
| 1975       |            | 26.4 |              | 27.9 |      |               |       |      |                  |       |      |      |  |      |        |
| 1976       |            | 26.9 |              | 28.8 |      |               |       |      |                  |       |      |      |  |      |        |
| 1977       |            | 23.5 |              | 24.6 |      |               |       |      |                  |       |      |      |  |      |        |
| 1978       |            | 36.6 |              | 32.8 |      |               |       |      |                  |       |      |      |  |      |        |
| 1979       |            | 8.3  |              | 18.5 |      |               |       |      |                  | 13.0  |      |      |  |      |        |
| 1980       |            | 53.2 |              | 21.5 | 65.3 |               |       |      |                  | 28.8  |      |      |  |      |        |
| 1981       |            | 55.4 |              | 31.1 | 57.2 |               |       |      |                  | 32.9  |      |      |  |      |        |
| 1982       |            | 43.4 |              | 26.2 | 65.1 |               |       |      |                  | 56.0  |      |      |  |      |        |
| 1983       |            | 65.2 |              | 23.9 | 66.1 |               |       |      |                  | 26.4  |      |      |  |      |        |
| 1984       |            | 74.8 |              | 26.8 | 68.4 |               |       |      |                  | 14.7  |      |      |  |      |        |
| 1985       |            | 85.9 |              | 28.0 | 61.2 |               |       |      |                  | 6.8   |      |      |  |      |        |
| 1986       |            | 89.6 |              | 22.2 | 64.0 |               | 4.2   |      |                  | 3.8   |      |      |  |      |        |
| 1987       |            | 95.4 |              | 31.5 | 47.0 |               | 20.5  | 58.7 |                  | 2.0   |      |      |  |      |        |
| 1988       |            | 74.8 |              | 17.8 | 61.4 |               | 25.5  | 71.2 |                  | 2.1   |      |      |  |      |        |
| 1989       |            | 78.9 |              | 27.4 | 56.9 |               | 43.5  | 55.1 |                  | 1.4   |      |      |  |      |        |
| 1990       |            | 65.5 |              | 13.4 | 82.7 |               | 23.9  | 75.3 |                  |       |      |      |  |      |        |
| 1991       |            | 86.9 |              | 17.5 | 78.2 |               | 31.2  | 67.9 |                  |       |      |      |  |      |        |
| 1992       |            | 78.2 |              | 14.7 | 85.1 |               | 43.8  | 55.8 |                  |       |      |      |  |      |        |
| 1993       |            | 86.6 |              | 13.7 | 86.3 |               | 38.8  | 61.2 |                  |       |      |      |  |      |        |
| 1994       |            | 87.0 |              | 10.0 | 90.0 |               | 45.0  | 55.0 |                  | 100.0 |      |      |  |      |        |
| 1995       |            | 83.9 |              | 11.0 | 89.0 |               | 52.3  | 47.7 |                  | 100.0 |      |      |  |      |        |
| 1996       |            | 70.7 |              | 7.9  | 92.1 |               | 99.8  |      |                  | 100.0 |      |      |  |      |        |
| 1997       |            | 60.1 |              | 5.7  | 94.3 |               | 100.0 |      |                  | 100.0 |      |      |  |      |        |
| 1998       |            | 75.4 |              | 5.1  | 94.9 |               | 100.0 |      |                  | 100.0 |      |      |  |      |        |
| 1999       |            | 73.5 |              | 2.6  | 97.4 |               | 100.0 |      |                  | 100.0 |      |      |  |      |        |
| 2000       |            | 78.9 |              | 1.6  | 98.4 |               | 100.0 |      |                  | 91.1  |      | 8.9  |  |      |        |
| 2001       |            | 46.9 |              | 1.7  | 98.3 |               | 100.0 |      |                  | 95.9  |      | 4.1  |  |      |        |
| 2002       |            | 51.3 |              | 2.0  | 98.0 |               | 100.0 |      |                  | 94.5  |      | 5.5  |  |      |        |
| 2003       |            | 49.6 |              | 1.5  | 98.5 |               | 100.0 |      |                  | 95.3  |      | 4.7  |  |      |        |
| 2004       |            | 46.5 |              | 1.4  | 98.6 |               | 100.0 |      |                  | 90.9  |      | 8.8  |  |      |        |
| 2005       |            | 33.5 |              | 2.3  | 97.7 |               | 100.0 |      |                  | 85.0  |      | 14.8 |  | 15.0 | .1     |
| 2006       |            | 30.1 |              | 1.6  | 96.7 |               | 100.0 |      |                  | 81.6  |      | 17.9 |  | 18.4 | .1     |
| 2007       |            | 27.3 |              | 5.0  | 95.0 |               | 100.0 |      |                  | 89.0  | 4.6  | 6.4  |  | 8.1  | .1     |

Table G-45

## Characteristics of 1975 to 2007 5500 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1975          | 53             | .005 | 10.0                     | 8.3         | 8.7        | 8.5         | 5500       | 374    | 170 | 14.9         | 113        | .452       | .0310     | 23.4        |
| 1976          | 102            | .008 | 11.4                     | 9.3         | 10.2       | 9.7         | 5500       | 383    | 171 | 14.9         | 113        | .443       | .0311     | 26.8        |
| 1977          | 91             | .006 | 11.8                     | 9.7         | 10.4       | 10.0        | 5500       | 396    | 183 | 14.1         | 116        | .458       | .0333     | 27.8        |
| 1978          | 120            | .008 | 12.1                     | 10.0        | 10.8       | 10.3        | 5500       | 377    | 172 | 14.6         | 113        | .457       | .0312     | 28.4        |
| 1979          | 83             | .006 | 11.3                     | 9.5         | 9.8        | 9.6         | 5500       | 400    | 191 | 13.8         | 118        | .473       | .0348     | 26.8        |
| 1980          | 14             | .001 | 13.3                     | 10.7        | 12.2       | 11.3        | 5500       | 353    | 165 | 14.9         | 111        | .467       | .0299     | 31.3        |
| 1981          | 2              | .000 | 13.3                     | 10.5        | 12.4       | 11.3        | 5500       | 351    | 143 | 16.5         | 105        | .407       | .0260     | 31.1        |
| 1982          | 17             | .002 | 22.4                     | 17.5        | 21.3       | 19.1        | 5500       | 350    | 130 | 18.1         | 102        | .371       | .0236     | 52.4        |
| 1983          | 10             | .001 | 22.1                     | 17.3        | 21.2       | 18.9        | 5500       | 379    | 130 | 18.1         | 102        | .343       | .0236     | 51.9        |
| 1984          | 8              | .001 | 21.9                     | 17.3        | 20.5       | 18.6        | 5500       | 379    | 130 | 18.1         | 102        | .343       | .0236     | 51.2        |
| 1985          | 5              | .000 | 21.1                     | 16.5        | 20.2       | 18.0        | 5500       | 379    | 130 | 18.1         | 102        | .343       | .0236     | 49.5        |
| 1986          | 3              | .000 | 21.1                     | 16.4        | 20.1       | 17.9        | 5500       | 379    | 130 | 18.1         | 102        | .343       | .0236     | 49.3        |
| 1987          | 1              | .000 | 21.1                     | 16.3        | 20.1       | 17.9        | 5500       | 379    | 130 | 18.1         | 102        | .343       | .0236     | 49.1        |
| 1988          | 1              | .000 | 16.9                     | 13.4        | 15.2       | 14.2        | 5500       | 363    | 178 | 14.4         | 115        | .495       | .0324     | 40.7        |
| 1989          | 1              | .000 | 19.2                     | 14.8        | 17.9       | 16.1        | 5500       | 370    | 153 | 16.6         | 108        | .417       | .0278     | 45.3        |
| 1990          | 1              | .000 | 18.6                     | 14.3        | 17.2       | 15.5        | 5500       | 370    | 159 | 15.8         | 110        | .434       | .0289     | 44.0        |
| 1991          | 3              | .000 | 17.5                     | 13.2        | 16.7       | 14.7        | 5500       | 364    | 176 | 14.6         | 114        | .489       | .0321     | 41.7        |
| 1992          | 9              | .001 | 16.3                     | 12.2        | 15.6       | 13.7        | 5500       | 353    | 200 | 12.9         | 121        | .570       | .0364     | 38.0        |
| 1993          | 8              | .001 | 17.0                     | 12.6        | 16.3       | 14.2        | 5500       | 352    | 199 | 13.0         | 120        | .569       | .0363     | 39.4        |
| 1994          | 21             | .001 | 16.9                     | 12.5        | 15.9       | 14.0        | 5500       | 364    | 205 | 12.6         | 122        | .568       | .0373     | 39.0        |
| 1995          | 29             | .002 | 15.9                     | 11.6        | 15.2       | 13.2        | 5500       | 358    | 215 | 12.2         | 125        | .605       | .0392     | 36.5        |
| 1996          | 64             | .005 | 15.3                     | 11.0        | 15.0       | 12.8        | 5500       | 345    | 225 | 11.7         | 127        | .655       | .0410     | 35.3        |
| 1997          | 275            | .019 | 17.0                     | 12.1        | 16.6       | 14.1        | 5500       | 347    | 240 | 11.1         | 131        | .693       | .0437     | 38.9        |
| 1998          | 112            | .008 | 16.4                     | 11.7        | 16.0       | 13.6        | 5500       | 330    | 225 | 11.7         | 127        | .684       | .0410     | 37.5        |
| 1999          | 130            | .009 | 16.3                     | 11.5        | 15.9       | 13.5        | 5500       | 344    | 242 | 11.1         | 132        | .704       | .0440     | 37.1        |
| 2000          | 72             | .004 | 16.2                     | 11.3        | 15.9       | 13.4        | 5500       | 347    | 244 | 11.0         | 132        | .705       | .0444     | 36.9        |
| 2001          | 258            | .017 | 16.3                     | 11.5        | 15.5       | 13.4        | 5500       | 340    | 251 | 10.7         | 134        | .740       | .0456     | 36.9        |
| 2002          | 280            | .017 | 17.0                     | 11.9        | 16.0       | 13.9        | 5500       | 322    | 255 | 10.6         | 135        | .795       | .0464     | 38.4        |
| 2003          | 271            | .017 | 17.2                     | 12.1        | 15.9       | 13.9        | 5500       | 319    | 263 | 10.4         | 137        | .827       | .0479     | 38.4        |
| 2004          | 538            | .034 | 17.9                     | 12.5        | 16.5       | 14.5        | 5500       | 316    | 286 | 9.8          | 143        | .901       | .0521     | 40.0        |
| 2005          | 549            | .035 | 18.3                     | 12.6        | 16.8       | 14.7        | 5500       | 318    | 292 | 9.6          | 145        | .913       | .0531     | 40.6        |
| 2006          | 457            | .030 | 18.8                     | 13.0        | 17.3       | 15.2        | 5500       | 316    | 287 | 9.7          | 144        | .906       | .0521     | 41.7        |
| 2007          | 615            | .041 | 19.4                     | 13.4        | 17.9       | 15.7        | 5500       | 323    | 302 | 9.3          | 148        | .932       | .0550     | 43.2        |

## Percent of 5500 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |      | FUEL METERING |     |       | NUMBER OF VALVES |       |      |       |      | VVT  | HYBRID |
|---------------|------------|-------|--------------|------|------|---------------|-----|-------|------------------|-------|------|-------|------|------|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT  | PORT          | TBI | DSL   | TWO              | THREE | FOUR | FIVE  |      |      |        |
| 1975          |            | 84.9  |              | 1.1  |      |               |     |       |                  |       |      |       |      |      |        |
| 1976          |            | 87.1  |              | 2.9  |      |               |     |       |                  |       |      |       |      |      |        |
| 1977          |            | 76.0  |              | 1.0  |      |               |     |       |                  |       |      |       |      |      |        |
| 1978          |            | 91.0  |              | .4   |      |               |     |       |                  |       |      |       |      |      |        |
| 1979          |            | 3.9   |              | 40.8 |      |               |     |       |                  |       |      |       |      |      |        |
| 1980          |            | 84.0  |              | 44.1 | 40.9 |               |     |       |                  |       |      |       |      |      |        |
| 1981          |            | 44.3  |              | 62.0 |      |               |     |       |                  |       |      |       |      |      |        |
| 1982          |            | 100.0 |              | 16.7 | 83.3 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1983          |            | 100.0 |              | 10.0 | 90.0 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1984          |            | 97.0  |              | 13.1 | 86.9 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1985          |            | 83.2  |              | 11.9 | 88.1 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1986          |            | 84.4  |              | 14.5 | 85.5 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1987          |            | 80.0  |              | 7.7  | 92.3 |               |     |       | 100.0            |       |      |       |      |      |        |
| 1988          |            | 97.8  |              | 62.7 | 37.3 |               |     | 54.9  | 45.1             |       |      |       |      |      |        |
| 1989          |            | 100.0 |              | 36.0 | 64.0 |               |     | 31.7  | 68.3             |       |      |       |      |      |        |
| 1990          |            | 94.8  |              | 41.0 | 59.0 |               |     | 32.0  | 68.0             |       |      |       |      |      |        |
| 1991          |            | 97.5  |              | 8.7  | 91.3 |               |     | 52.2  | 47.8             |       |      |       |      |      |        |
| 1992          |            | 99.6  |              | 30.4 | 69.2 |               |     | 86.5  | 12.8             |       |      |       |      |      |        |
| 1993          |            | 99.9  |              | 13.3 | 86.7 |               |     | 16.0  | 84.0             |       |      |       |      |      |        |
| 1994          |            | 95.5  |              | 14.9 | 85.1 |               |     | 47.8  | 52.2             |       |      | 100.0 |      |      |        |
| 1995          |            | 96.8  |              | 9.4  | 90.6 |               |     | 79.9  | 20.1             |       |      | 100.0 |      |      |        |
| 1996          |            | 99.1  |              | 4.7  | 95.3 |               |     | 96.2  |                  | 3.8   |      | 100.0 |      |      |        |
| 1997          |            | 99.7  |              | .7   | 99.3 |               |     | 99.8  |                  |       |      | 100.0 |      |      |        |
| 1998          |            | 94.7  |              | 3.9  | 96.1 |               |     | 99.7  |                  |       |      | 100.0 |      |      |        |
| 1999          |            | 92.7  |              | 3.5  | 96.5 |               |     | 100.0 |                  |       |      | 100.0 |      |      |        |
| 2000          |            | 85.8  |              | 2.2  | 97.8 |               |     | 100.0 |                  |       |      | 100.0 |      |      |        |
| 2001          |            | 97.7  |              | 1.8  | 98.2 |               |     | 100.0 |                  |       |      | 100.0 |      |      |        |
| 2002          |            | 73.6  |              | 1.1  | 98.9 |               |     | 100.0 |                  |       |      | 100.0 |      |      |        |
| 2003          |            | 65.6  |              | .9   | 99.1 |               |     | 100.0 |                  |       |      | 100.0 |      |      |        |
| 2004          |            | 43.3  |              | .8   | 99.2 |               |     | 100.0 |                  |       | 72.6 | 21.4  | 6.0  | 21.4 | .0     |
| 2005          |            | 60.5  |              | .5   | 99.5 |               |     | 100.0 |                  |       | 67.0 | 19.5  | 13.6 | 33.0 | .1     |
| 2006          |            | 62.7  |              | .2   | 99.8 |               |     | 100.0 |                  |       | 55.7 | 26.1  | 18.2 | 44.3 | .4     |
| 2007          |            | 48.9  |              | .2   | 99.8 |               |     | 100.0 |                  |       | 65.5 | 17.8  | 16.7 | 34.5 | .1     |

Table G-46

Characteristics of 1975 to 2007 6000 lb. Pickup

| MODEL YEAR | SALES (000) | FRAC | FUEL ECONOMY    |          |         |                | WGHT LB | ENGINE |     | 0-60 TIME | TOP SPD | HP/CID | HP/WT | TON -MPG |
|------------|-------------|------|-----------------|----------|---------|----------------|---------|--------|-----|-----------|---------|--------|-------|----------|
|            |             |      | <---- LAB 55/45 | ADJ CITY | ADJ HWY | ----> ADJ COMP |         | CID    | HP  |           |         |        |       |          |
| 1978       | 0           | .000 | 12.6            | 10.4     | 11.1    | 10.7           | 6000    | 325    | 153 | 16.8      | 106     | .474   | .0256 | 32.3     |
| 1979       | 7           | .001 | 10.9            | 9.0      | 9.7     | 9.3            | 6000    | 390    | 153 | 17.9      | 106     | .386   | .0255 | 27.9     |
| 1980       | 0           | .000 | 9.9             | 8.1      | 8.8     | 8.4            | 6000    | 350    | 155 | 16.9      | 106     | .443   | .0258 | 25.2     |
| 1985       | 0           | .000 | 19.6            | 16.0     | 17.5    | 16.6           | 6000    | 379    | 130 | 18.8      | 100     | .343   | .0217 | 49.8     |
| 1988       | 0           | .000 | 19.6            | 16.1     | 16.7    | 16.4           | 6000    | 379    | 140 | 17.8      | 103     | .369   | .0233 | 49.1     |
| 1989       | 0           | .000 | 21.2            | 17.3     | 18.0    | 17.6           | 6000    | 379    | 126 | 19.3      | 99      | .332   | .0210 | 52.8     |
| 1990       | 0           | .000 | 20.5            | 16.4     | 17.8    | 17.0           | 6000    | 379    | 135 | 18.3      | 101     | .356   | .0225 | 51.1     |
| 1991       | 0           | .000 | 19.5            | 15.6     | 16.7    | 16.1           | 6000    | 379    | 140 | 17.8      | 103     | .369   | .0233 | 48.4     |
| 1994       | 3           | .000 | 18.1            | 13.6     | 16.7    | 15.0           | 6000    | 395    | 179 | 15.0      | 112     | .455   | .0299 | 45.0     |
| 1995       | 3           | .000 | 18.1            | 13.4     | 16.9    | 15.0           | 6000    | 395    | 180 | 15.0      | 112     | .455   | .0300 | 45.0     |
| 1996       | 0           | .000 | 18.7            | 13.7     | 17.4    | 15.4           | 6000    | 395    | 180 | 15.0      | 113     | .456   | .0300 | 46.2     |
| 1997       | 1           | .000 | 18.7            | 13.7     | 17.3    | 15.4           | 6000    | 395    | 180 | 15.0      | 113     | .456   | .0300 | 46.1     |
| 1998       | 46          | .003 | 15.6            | 10.9     | 15.6    | 13.0           | 6000    | 359    | 233 | 12.2      | 126     | .651   | .0389 | 38.9     |
| 1999       | 200         | .013 | 16.8            | 12.0     | 16.1    | 13.9           | 6000    | 350    | 254 | 11.4      | 131     | .727   | .0424 | 41.6     |
| 2000       | 2           | .000 | 15.8            | 10.8     | 16.0    | 13.1           | 6000    | 352    | 242 | 11.8      | 128     | .688   | .0404 | 39.3     |
| 2001       | 6           | .000 | 15.8            | 10.9     | 15.8    | 13.1           | 6000    | 343    | 239 | 11.9      | 127     | .698   | .0398 | 39.3     |
| 2002       | 146         | .009 | 17.5            | 12.3     | 16.3    | 14.3           | 6000    | 329    | 283 | 10.5      | 138     | .861   | .0472 | 42.9     |
| 2003       | 112         | .007 | 17.6            | 12.3     | 16.5    | 14.3           | 6000    | 329    | 295 | 10.1      | 141     | .895   | .0491 | 43.1     |
| 2004       | 376         | .024 | 18.1            | 12.6     | 16.6    | 14.6           | 6000    | 324    | 290 | 10.3      | 140     | .894   | .0484 | 43.8     |
| 2005       | 311         | .020 | 18.0            | 12.5     | 16.4    | 14.5           | 6000    | 325    | 294 | 10.2      | 141     | .901   | .0490 | 43.5     |
| 2006       | 234         | .016 | 17.9            | 12.4     | 16.4    | 14.4           | 6000    | 329    | 299 | 10.0      | 142     | .909   | .0499 | 43.3     |
| 2007       | 328         | .022 | 18.6            | 12.8     | 17.1    | 15.0           | 6000    | 330    | 318 | 9.6       | 147     | .960   | .0530 | 45.1     |

Percent of 6000 lb. Pickup:

| MODEL YEAR | DRIVETRAIN |       | TRANSMISSION |       |       | FUEL METERING |     |       | NUMBER OF VALVES |       |       |       |      | VVT  | HYBRID |
|------------|------------|-------|--------------|-------|-------|---------------|-----|-------|------------------|-------|-------|-------|------|------|--------|
|            | FRONT      | 4WD   | MANUAL       | LOCK  | CVT   | PORT          | TBI | DSL   | TWO              | THREE | FOUR  | FIVE  |      |      |        |
| 1978       |            | 3.7   |              | 77.6  |       |               |     |       |                  |       |       |       |      |      |        |
| 1979       |            | 62.2  |              |       |       |               |     |       |                  |       |       |       |      |      |        |
| 1980       |            |       |              | 100.0 |       |               |     |       |                  |       |       |       |      |      |        |
| 1985       |            | 100.0 |              | 100.0 |       |               |     |       |                  | 100.0 |       |       |      |      |        |
| 1988       |            | 100.0 |              | 100.0 |       |               |     |       |                  | 100.0 |       |       |      |      |        |
| 1989       |            | 100.0 |              | 100.0 |       |               |     |       |                  | 100.0 |       |       |      |      |        |
| 1990       |            | 100.0 |              | 100.0 |       |               |     |       |                  | 100.0 |       |       |      |      |        |
| 1991       |            | 100.0 |              | 100.0 |       |               |     |       |                  | 100.0 |       |       |      |      |        |
| 1994       |            | 100.0 |              | 1.0   | 99.0  |               |     | 100.0 |                  |       | 100.0 |       |      |      |        |
| 1995       |            | 100.0 |              | .5    | 99.5  |               |     | 100.0 |                  |       | 100.0 |       |      |      |        |
| 1996       |            | 100.0 |              |       | 100.0 |               |     |       |                  | 100.0 | 100.0 |       |      |      |        |
| 1997       |            | 100.0 |              |       | 100.0 |               |     |       |                  | 100.0 | 100.0 |       |      |      |        |
| 1998       |            | 100.0 |              | .5    | 99.5  |               |     | 98.4  |                  |       | 1.6   | 100.0 |      |      |        |
| 1999       |            | 100.0 |              | .1    | 99.9  |               |     | 100.0 |                  |       |       | 100.0 |      |      |        |
| 2000       |            | 100.0 |              | 3.0   | 97.0  |               |     | 100.0 |                  |       |       | 100.0 |      |      |        |
| 2001       |            | 100.0 |              | 17.0  | 83.0  |               |     | 100.0 |                  |       |       | 100.0 |      |      |        |
| 2002       |            | 71.3  |              | .1    | 99.9  |               |     | 100.0 |                  |       |       | 97.7  |      | 2.3  |        |
| 2003       |            | 69.1  |              | .0    | 100.0 |               |     | 100.0 |                  |       |       | 100.0 |      |      |        |
| 2004       |            | 87.8  |              | .0    | 100.0 |               |     | 100.0 |                  |       |       | 36.1  | 63.9 |      | 63.9   |
| 2005       |            | 88.5  |              |       | 100.0 |               |     | 100.0 |                  |       |       | 32.1  | 67.9 |      | 67.9   |
| 2006       |            | 93.0  |              |       | 100.0 |               |     | 100.0 |                  |       |       | 15.2  | 84.8 |      | 84.8   |
| 2007       |            | 86.0  |              |       | 100.0 |               |     | 100.0 |                  |       |       | 28.4  | 49.0 | 22.5 | 71.6   |

Table G-47

Characteristics of 1975 to 2007 6500 lb. Pickup

| MODEL<br>YEAR | SALES<br>(000) | FRAC | <---- FUEL ECONOMY ----> |             |            |             | WGHT<br>LB | ENGINE |     | 0-60<br>TIME | TOP<br>SPD | HP/<br>CID | HP/<br>WT | TON<br>-MPG |
|---------------|----------------|------|--------------------------|-------------|------------|-------------|------------|--------|-----|--------------|------------|------------|-----------|-------------|
|               |                |      | LAB<br>55/45             | ADJ<br>CITY | ADJ<br>HWY | ADJ<br>COMP |            | CID    | HP  |              |            |            |           |             |
| 1978          | 0              | .000 | 11.8                     | 9.7         | 10.4       | 10.0        | 6500       | 322    | 153 | 18.3         | 104        | .475       | .0235     | 32.6        |
| 1980          | 1              | .000 | 12.0                     | 9.5         | 11.3       | 10.3        | 6500       | 368    | 150 | 18.5         | 103        | .408       | .0231     | 33.3        |
| 2005          | 3              | .000 | 16.3                     | 11.4        | 14.9       | 13.2        | 6500       | 330    | 300 | 10.6         | 139        | .909       | .0462     | 42.8        |
| 2006          | 0              | .000 | 15.2                     | 10.6        | 14.2       | 12.4        | 6500       | 330    | 445 | 7.7          | 173        | 1.348      | .0685     | 40.2        |
| 2007          | 0              | .000 | 15.1                     | 10.6        | 13.9       | 12.2        | 6500       | 330    | 445 | 7.7          | 173        | 1.348      | .0685     | 39.8        |

Percent of 6500 lb. Pickup:

| MODEL<br>YEAR | DRIVETRAIN |       | TRANSMISSION |      |     | FUEL METERING |     |     | NUMBER OF VALVES |       |      |       |  | VVT | HYBRID |
|---------------|------------|-------|--------------|------|-----|---------------|-----|-----|------------------|-------|------|-------|--|-----|--------|
|               | FRONT      | 4WD   | MANUAL       | LOCK | CVT | PORT          | TBI | DSL | TWO              | THREE | FOUR | FIVE  |  |     |        |
| 1978          |            |       |              |      |     |               |     |     |                  |       |      |       |  |     |        |
| 1980          |            |       |              |      |     |               |     |     |                  |       |      |       |  |     |        |
| 2005          |            | 100.0 |              |      |     | 100.0         |     |     |                  |       |      | 100.0 |  |     | 100.0  |
| 2006          |            | 100.0 |              |      |     | 100.0         |     |     |                  |       |      | 100.0 |  |     | 100.0  |
| 2007          |            | 100.0 |              |      |     | 100.0         |     |     |                  |       |      | 100.0 |  |     | 100.0  |