Lookup Tables for Vehicle Operating Cost Calculations -- Constant Speed Consumption Rates from HERS

Fuel Consumption (mpg)

| | Vehicle Type / Speed | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 |
|---|---|---

| 9.4% | 9.5% | 9.6% | 9.7% | 9.8% | 9.9% | 10.0% | 10.1% | 10.2% | 10.3% | 10.4% | 10.5% | 10.6% | 10.7% | 10.8% | 10.9% | 11.0% | 11.1% | 11.2% | 11.3% | 11.4% | 11.5% | 11.6% | 11.7% | 11.8% | 11.9% | 12.0% | 12.1% | 12.2% | 12.3% | 12.4% | 12.5% | 12.6% | 12.7% | 12.8% | 12.9% | 13.0% | 13.1% | 13.2% | 13.3% | 13.4% | 13.5% | 13.6% | 13.7% | 13.8% | 13.9% | 14.0% | 14.1% | 14.2% | 14.3% | 14.4% | 14.5% | 14.6% | 14.7% | 14.8% | 14.9% | 15.0% | 15.1% | 15.2% | 15.3% | 15.4% | 15.5% | 15.6% | 15.7% | 15.8% | 15.9% | 16.0% | 16.1% | 16.2% | 16.3% | 16.4% | 16.5% | 16.6% | 16.7% | 16.8% | 16.9% | 17.0% | 17.1% | 17.2% | 17.3% | 17.4% | 17.5% | 17.6% | 17.7% | 17.8% | 17.9% | 18.0% | 18.1% | 18.2% | 18.3% | 18.4% | 18.5% | 18.6% | 18.7% | 18.8% | 18.9% | 19.0% | 19.1% | 19.2% |
|---|---|---

| | | |

| | | |

| | | |

| 49.0% | 49.1% | 49.2% | 49.3% | 49.4% | 49.5% | 49.6% | 49.7% | 49.8% | 49.9% | 50.0% | 50.1% | 50.2% | 50.3% | 50.4% | 50.5% | 50.6% | 50.7% | 50.8% | 50.9% | 51.0% | 51.1% | 51.2% | 51.3% | 51.4% | 51.5% | 51.6% | 51.7% | 51.8% | 51.9% | 52.0% | 52.1% | 52.2% | 52.3% | 52.4% | 52.5% | 52.6% | 52.7% | 52.8% | 52.9% | 53.0% | 53.1% | 53.2% | 53.3% | 53.4% | 53.5% | 53.6% | 53.7% | 53.8% | 53.9% | 54.0% | 54.1% | 54.2% | 54.3% | 54.4% | 54.5% | 54.6% | 54.7% | 54.8% | 54.9% | 55.0% | 55.1% | 55.2% | 55.3% | 55.4% | 55.5% | 55.6% | 55.7% | 55.8% | 55.9% | 56.0% | 56.1% | 56.2% | 56.3% | 56.4% | 56.5% | 56.6% | 56.7% | 56.8% | 56.9% | 57.0% | 57.1% | 57.2% | 57.3% | 57.4% | 57.5% | 57.6% | 57.7% | 57.8% | 57.9% | 58.0% | 58.1% | 58.2% | 58.3% | 58.4% | 58.5% | 58.6% | 58.7% | 58.8% |
|---|---|---

| 58.9% | 59.0% | 59.1% | 59.2% | 59.3% | 59.4% | 59.5% | 59.6% | 59.7% | 59.8% | 59.9% | 60.0% | 60.1% | 60.2% | 60.3% | 60.4% | 60.5% | 60.6% | 60.7% | 60.8% | 60.9% | 61.0% | 61.1% | 61.2% | 61.3% | 61.4% | 61.5% | 61.6% | 61.7% | 61.8% | 61.9% | 62.0% | 62.1% | 62.2% | 62.3% | 62.4% | 62.5% | 62.6% | 62.7% | 62.8% | 62.9% | 63.0% | 63.1% | 63.2% | 63.3% | 63.4% | 63.5% | 63.6% | 63.7% | 63.8% | 63.9% | 64.0% | 64.1% | 64.2% | 64.3% | 64.4% | 64.5% | 64.6% | 64.7% | 64.8% | 64.9% | 65.0% | 65.1% | 65.2% | 65.3% | 65.4% | 65.5% | 65.6% | 65.7% | 65.8% | 65.9% | 66.0% | 66.1% | 66.2% | 66.3% | 66.4% | 66.5% | 66.6% | 66.7% | 66.8% | 66.9% | 67.0% | 67.1% | 67.2% | 67.3% | 67.4% | 67.5% | 67.6% | 67.7% | 67.8% | 67.9% | 68.0% | 68.1% | 68.2% | 68.3% | 68.4% | 68.5% | 68.6% | 68.7% |
|---|---|---

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
11.68	11.67	11.65	11.63	11.60	11.58	11.56	11.53	11.49	11.46	11.42	11.38	11.34	11.29	11.24	11.19	11.13	11.07	11.01	10.94	10.87	10.80	10.72
4.57	4.57	4.57	4.56	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.48	4.47	4.45	4.43	4.41	4.39	4.37	4.34	4.31	4.28	4.25	4.22
3.72	3.71	3.70	3.70	3.69	3.68	3.68	3.67	3.67	3.66	3.66	3.65	3.65	3.64	3.64	3.63	3.63	3.62	3.61	3.61	3.60	3.60	3.59
2.37	2.36	2.35	2.34	2.34	2.33	2.33	2.32	2.32	2.31	2.31	2.30	2.29	2.29	2.28	2.28	2.27	2.26	2.26	2.25	2.24	2.24	2.23
1.80	1.80	1.79	1.79	1.78	1.78	1.78	1.77	1.77	1.76	1.76	1.75	1.75	1.74	1.74	1.73	1.73	1.72	1.72	1.71	1.71	1.70	1.70
1.36	1.35	1.35	1.34	1.34	1.34	1.33	1.33	1.33	1.32	1.32	1.32	1.31	1.31	1.31	1.30	1.30	1.30	1.29	1.29	1.29	1.28	1.28
1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97
0.77	0.77	0.77	0.77	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.74	0.74
0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
1.07%	1.07%	1.07%	1.08%	1.08%	1.08%	1.09%	1.09%	1.10%	1.10%	1.11%	1.11%	1.12%	1.12%	1.13%	1.13%	1.14%	1.15%	1.15%	1.16%	1.16%	1.17%	1.17%
1.58%	1.59%	1.60%	1.61%	1.61%	1.62%	1.63%	1.64%	1.65%	1.66%	1.67%	1.68%	1.69%	1.70%	1.71%	1.72%	1.73%	1.74%	1.75%	1.76%	1.77%	1.78%	1.79%
2.09%	2.10%	2.11%	2.12%	2.13%	2.14%	2.15%	2.16%	2.17%	2.18%	2.19%	2.20%	2.21%	2.22%	2.23%	2.24%	2.25%	2.26%	2.27%	2.28%	2.29%	2.30%	2.31%
0.77%	0.77%	0.77%	0.77%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.74%	0.74%
0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.81%	0.81%	0.81%	0.81%	0.82%	0.82%	0.82%	0.83%	0.83%	0.84%	0.84%	0.85%	0.85%	0.86%	0.86%	0.87%	0.87%
0.55%	0.55%	0.55%	0.55%	0.56%	0.56%	0.56%	0.56%	0.57%	0.57%	0.57%	0.57%	0.57%	0.58%	0.58%	0.58%	0.58%	0.59%	0.59%	0.59%	0.60%	0.60%	0.60%
0.86%	0.87%	0.87%	0.87%	0.88%	0.88%	0.89%	0.89%	0.90%	0.90%	0.90%	0.91%	0.91%	0.92%	0.92%	0.93%	0.93%	0.94%	0.94%	0.95%	0.95%	0.96%	0.96%
0.92%	0.93%	0.93%	0.93%	0.94%	0.94%	0.94%	0.95%	0.95%	0.96%	0.96%	0.96%	0.97%	0.97%	0.97%	0.98%	0.98%	0.98%	0.99%	0.99%	1.00%	1.00%	1.01%

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
1.17%	1.18%	1.19%	1.19%	1.20%	1.21%	1.22%	1.22%	1.23%	1.24%	1.25%	1.25%	1.26%	1.27%	1.28%	1.29%	1.30%	1.31%	1.32%	1.33%	1.34%	1.35%	1.36%
1.80%	1.81%	1.82%	1.83%	1.84%	1.85%	1.86%	1.87%	1.88%	1.89%	1.90%	1.91%	1.92%	1.93%	1.94%	1.95%	1.96%	1.97%	1.98%	1.99%	2.00%	2.01%	2.02%
2.32%	2.33%	2.34%	2.35%	2.36%	2.37%	2.38%	2.39%	2.40%	2.41%	2.42%	2.43%	2.44%	2.45%	2.46%	2.47%	2.48%	2.49%	2.50%	2.51%	2.52%	2.53%	2.54%
0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%	0.74%
0.88%	0.88%	0.89%	0.89%	0.90%	0.90%	0.91%	0.91%	0.92%	0.92%	0.93%	0.93%	0.94%	0.94%	0.95%	0.95%	0.96%	0.96%	0.97%	0.97%	0.98%	0.98%	0.99%
0.60%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%
0.97%	0.97%	0.98%	0.98%	0.99%	0.99%	1.00%	1.00%	1.01%	1.01%	1.02%	1.02%	1.03%	1.03%	1.04%	1.04%	1.05%	1.05%	1.06%	1.06%	1.07%	1.07%	1.08%
1.01%	1.02%	1.02%	1.03%	1.03%	1.04%	1.05%	1.05%	1.06%	1.06%	1.07%	1.07%	1.08%	1.08%	1.09%	1.09%	1.10%	1.10%	1.11%	1.11%	1.12%	1.12%	1.13%

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
92.0%	91.0%	90.1%	91.4%	92.6%	93.5%	92.6%	91.6%	90.1%	91.1%	92.1%	93.0%	92.1%	91.1%	90.1%	91.1%	92.1%	93.0%	92.1%	91.1%	90.1%	91.1%	92.1%
98.5%	98.7%	98.8%	99.0%	99.1%	99.3%	99.4%	99.6%	99.8%	99.9%	100.1%	100.2%	100.4%	100.6%	100.7%	100.9%	101.0%	101.2%	101.3%	101.5%	101.6%	101.8%	101.9%
83.9%	84.0%	84.1%	84.2%	84.3%	84.4%	84.5%	84.6%	84.8%	84.9%	85.0%	85.1%	85.2%	85.3%	85.4%	85.5%	85.6%	85.7%	85.8%	85.9%	86.0%	86.1%	86.2%
83.9%	84.0%	84.1%	84.2%	84.3%	84.4%	84.5%	84.6%	84.8%	84.9%	85.0%	85.1%	85.2%	85.3%	85.4%	85.5%	85.6%	85.7%	85.8%	85.9%	86.0%	86.1%	86.2%
89.2%	89.4%	89.5%	89.7%	89.8%	90.0%	90.1%	90.2%	90.3%	90.4%	90.6%	90.7%	90.8%	90.9%	91.0%	91.1%	91.2%	91.3%	91.4%	91.5%	91.6%	91.7%	91.8%
89.2%	89.4%	89.5%	89.7%	89.8%	90.0%	90.1%	90.2%	90.3%	90.4%	90.6%	90.7%	90.8%	90.9%	91.0%	91.1%	91.2%	91.3%	91.4%	91.5%	91.6%	91.7%	91.8%

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%
0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%
0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%
0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%
0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%
0.57%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%	0.56%
0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%

68.0%	68.5%	69.0%	69.5%	70.0%	70.5%	71.0%	71.5%	72.0%	72.5%	73.0%	73.5%	74.0%	74.5%	75.0%	75.5%	76.0%	76.5%	77.0%	77.5%	78.0%	78.5%	79.0%
1.18	1.17	1.17	1.16	1.15	1.14	1.14	1.13	1.12	1.11	1.10	1.09	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98
4.28	4.27	4.26	4.25	4.24	4.23	4.22	4.21	4.20	4.19	4.18	4.17	4.16	4.15	4.14	4.13	4.12	4.11	4.10	4.09	4.08	4.07	4.06
4.28	4.27	4.26	4.25	4.24	4.23	4.22	4.21	4.20	4.19	4.18	4.17	4.16	4.15	4.14	4.13	4.12	4.11	4.10	4.09	4.08	4.07	4.06
4.58	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.45	4.44	4.43	4.42	4.41	4.40	4.39	4.38	4.37	4.36	4.35
7.23	7.22	7.21	7.20	7.19	7.18	7.17	7.16	7.15	7.14	7.13	7.12	7.11	7.10	7.09	7.08	7.07	7.06	7.05	7.04	7.03	7.02	7.01
1.76	1.76	1.75	1.75	1.74	1.74	1.73	1.73	1.72	1.72	1.71	1.71	1.70	1.70	1.69	1.69	1.68	1.68	1.67	1.67	1.66	1.66	1.65
1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72