

| | | | rear only | brakes out | Brakes out | out | brake out | | | |
|-----------------|--------------|------------------------------|----------------------------|-----------------|------------------------------------|----------------------|-----------------|------|---------|------------|
| | | Car Passing Acceleration | Car Acceleration from Stop | | MC Tractor | acceleration trailer | f/ stop braking | | | |
| | | Engine | braking | Routine braking | | Box Truck | Milled Road | | | |
| | | | Yaw | MC rear only | | Garbage Tr | | | | |
| | | Ice | Snow | Snow | Wet | Wet | steeply down | Dry | Dry new | Cement dry |
| | | | | Bobtail | Dump/tanker | | | | | |
| | | Truck acceleration from stop | | | Motorcycle/Vehicle sliding on side | | | | | |
| Distance | Impact Speed | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 10 | 0 | 5.5 | 7.7 | 9.5 | 11.0 | 12.2 | 13.4 | 14.5 | 15.5 | 16.4 |
| 10 | 10 | 11.4 | 12.6 | 13.8 | 14.8 | 15.8 | 16.7 | 17.6 | 18.4 | 19.2 |
| 10 | 20 | 20.7 | 21.4 | 22.1 | 22.8 | 23.5 | 24.1 | 24.7 | 25.3 | 25.9 |
| 10 | 30 | 30.5 | 31.0 | 31.5 | 31.9 | 32.4 | 32.9 | 33.3 | 33.8 | 34.2 |
| 10 | 40 | 40.4 | 40.7 | 41.1 | 41.5 | 41.8 | 42.2 | 42.5 | 42.9 | 43.2 |
| 20 | 0 | 7.7 | 11.0 | 13.4 | 15.5 | 17.3 | 19.0 | 20.5 | 21.9 | 23.2 |
| 20 | 10 | 12.6 | 14.8 | 16.7 | 18.4 | 20.0 | 21.4 | 22.8 | 24.1 | 25.3 |
| 20 | 20 | 21.4 | 22.8 | 24.1 | 25.3 | 26.5 | 27.6 | 28.6 | 29.7 | 30.7 |
| 20 | 30 | 31.0 | 31.9 | 32.9 | 33.8 | 34.6 | 35.5 | 36.3 | 37.1 | 37.9 |
| 20 | 40 | 40.7 | 41.5 | 42.2 | 42.9 | 43.6 | 44.3 | 44.9 | 45.6 | 46.3 |
| | | | | | | | | | | |
| 30 | 0 | 9.5 | 13.4 | 16.4 | 19.0 | 21.2 | 23.2 | 25.1 | 26.8 | 28.5 |
| 30 | 10 | 13.8 | 16.7 | 19.2 | 21.4 | 23.5 | 25.3 | 27.0 | 28.6 | 30.2 |
| 30 | 20 | 22.1 | 24.1 | 25.9 | 27.6 | 29.2 | 30.7 | 32.1 | 33.5 | 34.8 |
| 30 | 30 | 31.5 | 32.9 | 34.2 | 35.5 | 36.7 | 37.9 | 39.1 | 40.2 | 41.4 |
| 30 | 40 | 41.1 | 42.2 | 43.2 | 44.3 | 45.3 | 46.3 | 47.2 | 48.2 | 49.1 |
| 40 | 0 | 11.0 | 15.5 | 19.0 | 21.9 | 24.5 | 26.8 | 29.0 | 31.0 | 32.9 |
| 40 | 10 | 14.8 | 18.4 | 21.4 | 24.1 | 26.5 | 28.6 | 30.7 | 32.6 | 34.4 |
| 40 | 20 | 22.8 | 25.3 | 27.6 | 29.7 | 31.6 | 33.5 | 35.2 | 36.9 | 38.5 |
| 40 | 30 | 31.9 | 33.8 | 35.5 | 37.1 | 38.7 | 40.2 | 41.7 | 43.1 | 44.5 |
| 40 | 40 | 41.5 | 42.9 | 44.3 | 45.6 | 46.9 | 48.2 | 49.4 | 50.6 | 51.8 |
| | | | | | | | | | | |
| 50 | 0 | 12.2 | 17.3 | 21.2 | 24.5 | 27.4 | 30.0 | 32.4 | 34.6 | 36.7 |
| 50 | 10 | 15.8 | 20.0 | 23.5 | 26.5 | 29.2 | 31.6 | 33.9 | 36.1 | 38.1 |
| 50 | 20 | 23.5 | 26.5 | 29.2 | 31.6 | 33.9 | 36.1 | 38.1 | 40.0 | 41.8 |

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| 50 | 30 | 32.4 | 34.6 | 36.7 | 38.7 | 40.6 | 42.4 | 44.2 | 45.8 | 47.4 |
| 50 | 40 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 50.0 | 51.5 | 52.9 | 54.3 |
| 60 | 0 | 13.4 | 19.0 | 23.2 | 26.8 | 30.0 | 32.9 | 35.5 | 37.9 | 40.2 |
| 60 | 10 | 16.7 | 21.4 | 25.3 | 28.6 | 31.6 | 34.4 | 36.9 | 39.2 | 41.5 |
| 60 | 20 | 24.1 | 27.6 | 30.7 | 33.5 | 36.1 | 38.5 | 40.7 | 42.9 | 44.9 |
| 60 | 30 | 32.9 | 35.5 | 37.9 | 40.2 | 42.4 | 44.5 | 46.5 | 48.4 | 50.2 |
| 60 | 40 | 42.2 | 44.3 | 46.3 | 48.2 | 50.0 | 51.8 | 53.5 | 55.1 | 56.7 |
| | | | | | | | | | | |
| 70 | 0 | 14.5 | 20.5 | 25.1 | 29.0 | 32.4 | 35.5 | 38.3 | 41.0 | 43.5 |
| 70 | 10 | 17.6 | 22.8 | 27.0 | 30.7 | 33.9 | 36.9 | 39.6 | 42.2 | 44.6 |
| 70 | 20 | 24.7 | 28.6 | 32.1 | 35.2 | 38.1 | 40.7 | 43.2 | 45.6 | 47.9 |
| 70 | 30 | 33.3 | 36.3 | 39.1 | 41.7 | 44.2 | 46.5 | 48.7 | 50.8 | 52.8 |
| 70 | 40 | 42.5 | 44.9 | 47.2 | 49.4 | 51.5 | 53.5 | 55.4 | 57.3 | 59.1 |
| 80 | 0 | 15.5 | 21.9 | 26.8 | 31.0 | 34.6 | 37.9 | 41.0 | 43.8 | 46.5 |
| 80 | 10 | 18.4 | 24.1 | 28.6 | 32.6 | 36.1 | 29.2 | 42.2 | 44.9 | 47.5 |
| 80 | 20 | 25.3 | 29.7 | 33.5 | 36.9 | 40.0 | 42.9 | 45.6 | 48.2 | 50.6 |
| 80 | 30 | 33.8 | 37.1 | 40.2 | 43.1 | 45.8 | 48.4 | 50.8 | 53.1 | 55.3 |
| 80 | 40 | 42.9 | 45.6 | 48.2 | 50.6 | 52.9 | 55.1 | 57.3 | 59.3 | 61.3 |
| | | | | | | | | | | |
| 90 | 0 | 16.4 | 23.2 | 28.5 | 32.9 | 36.7 | 40.2 | 43.5 | 46.5 | 49.3 |
| 90 | 10 | 19.2 | 25.3 | 30.2 | 34.4 | 38.1 | 41.5 | 44.6 | 47.5 | 50.3 |
| 90 | 20 | 25.9 | 30.7 | 34.8 | 38.5 | 41.8 | 44.9 | 47.9 | 50.6 | 53.2 |
| 90 | 30 | 34.2 | 37.9 | 41.4 | 44.5 | 47.4 | 50.2 | 52.8 | 55.3 | 57.7 |
| 90 | 40 | 43.2 | 46.3 | 49.1 | 51.8 | 54.3 | 56.7 | 59.1 | 61.3 | 63.5 |
| 100 | 0 | 17.3 | 24.5 | 30.0 | 34.6 | 38.7 | 42.4 | 45.8 | 49.0 | 52.0 |
| 100 | 10 | 20.0 | 26.5 | 31.6 | 36.1 | 40.0 | 43.6 | 46.9 | 50.0 | 52.9 |
| 100 | 20 | 26.5 | 31.6 | 36.1 | 40.0 | 43.6 | 46.9 | 50.0 | 52.9 | 55.7 |
| 100 | 30 | 34.6 | 38.7 | 42.4 | 45.8 | 49.0 | 52.0 | 54.8 | 57.4 | 60.0 |
| 100 | 40 | 43.6 | 46.9 | 50.0 | 52.9 | 55.7 | 58.3 | 60.8 | 63.2 | 65.6 |
| | | | | | | | | | | |
| 110 | 0 | 18.2 | 25.7 | 31.5 | 36.3 | 40.6 | 44.5 | 48.1 | 51.4 | 54.5 |
| 110 | 10 | 20.7 | 27.6 | 33.0 | 37.7 | 41.8 | 45.6 | 49.1 | 52.3 | 55.4 |
| 110 | 20 | 27.0 | 32.6 | 37.3 | 41.5 | 45.3 | 48.8 | 52.1 | 55.1 | 58.1 |
| 110 | 30 | 35.1 | 39.5 | 43.5 | 47.1 | 50.5 | 53.7 | 56.7 | 59.5 | 62.2 |