

**PASSENGER VEHICLE OCCUPANT FATALITIES IN TWO-VEHICLE CRASHES INVOLVING
A PASSENGER VEHICLE AND A LARGE TRUCK, WHICH WERE BOTH IN TRANSPORT
THE FIRST HARMFUL EVENT IN THE CRASH WAS COLLISION WITH A MOTOR VEHICLE IN TRANSPORT AND
THE PASSENGER VEHICLE EXPERIENCED AN UNDERRIDE
BY STATE, CRASH YEAR, INITIAL IMPACT POINT ON THE LARGE TRUCK, AND PASSENGER VEHICLE COMPARTMENT INTRUSION
FATALITY ANALYSIS REPORTING SYSTEM (FARS) 1994-2014 FINAL AND 2015 ARF**

National

| Crash Year by Initial Impact Point on the Large Truck | | Passenger Vehicle Compartment Intrusion? | | | Total |
|---|---------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 1994 | Front | 14 | 0 | 8 | 22 |
| | Left Side | 30 | 5 | 10 | 45 |
| | Right Side | 24 | 4 | 10 | 38 |
| | Rear | 47 | 6 | 25 | 78 |
| | Other/Unknown | 4 | 2 | 8 | 14 |
| | Total | 119 | 17 | 61 | 197 |
| 1995 | Front | 5 | 2 | 9 | 16 |
| | Left Side | 30 | 0 | 21 | 51 |
| | Right Side | 14 | 2 | 8 | 24 |
| | Rear | 52 | 11 | 32 | 95 |
| | Other/Unknown | 10 | 1 | 12 | 23 |
| | Total | 111 | 16 | 82 | 209 |
| 1996 | Front | 5 | 0 | 6 | 11 |
| | Left Side | 30 | 2 | 15 | 47 |
| | Right Side | 19 | 1 | 10 | 30 |
| | Rear | 38 | 13 | 28 | 79 |
| | Other/Unknown | 11 | 2 | 6 | 19 |
| | Total | 103 | 18 | 65 | 186 |
| 1997 | Front | 4 | 1 | 3 | 8 |
| | Left Side | 25 | 5 | 20 | 50 |
| | Right Side | 15 | 2 | 10 | 27 |
| | Rear | 48 | 6 | 27 | 81 |
| | Other/Unknown | 7 | 1 | 9 | 17 |
| | Total | 99 | 15 | 69 | 183 |
| 1998 | Front | 3 | 1 | 3 | 7 |
| | Left Side | 44 | 9 | 22 | 75 |
| | Right Side | 25 | 4 | 11 | 40 |
| | Rear | 44 | 6 | 31 | 81 |
| | Other/Unknown | 7 | 0 | 10 | 17 |
| | Total | 123 | 20 | 77 | 220 |
| 1999 | Front | 8 | 1 | 3 | 12 |
| | Left Side | 23 | 2 | 27 | 52 |
| | Right Side | 16 | 0 | 11 | 27 |
| | Rear | 62 | 11 | 41 | 114 |
| | Other/Unknown | 10 | 2 | 2 | 14 |

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National

| Crash Year by Initial Impact Point on the Large Truck | | Passenger Vehicle Compartment Intrusion? | | | Total |
|---|---------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 1999 | Total | 119 | 16 | 84 | 219 |
| 2000 | Front | 3 | 1 | 1 | 5 |
| | Left Side | 33 | 2 | 12 | 47 |
| | Right Side | 29 | 5 | 10 | 44 |
| | Rear | 51 | 5 | 42 | 98 |
| | Other/Unknown | 3 | 0 | 3 | 6 |
| | Total | 119 | 13 | 68 | 200 |
| | | | | | |
| 2001 | Front | 6 | 0 | 2 | 8 |
| | Left Side | 37 | 2 | 13 | 52 |
| | Right Side | 9 | 4 | 11 | 24 |
| | Rear | 33 | 10 | 17 | 60 |
| | Other/Unknown | 4 | 0 | 2 | 6 |
| | Total | 89 | 16 | 45 | 150 |
| 2002 | Front | 26 | 10 | 8 | 44 |
| | Left Side | 40 | 6 | 16 | 62 |
| | Right Side | 23 | 3 | 9 | 35 |
| | Rear | 64 | 11 | 26 | 101 |
| | Total | 153 | 30 | 59 | 242 |
| | | | | | |
| 2003 | Front | 20 | 5 | 6 | 31 |
| | Left Side | 28 | 2 | 14 | 44 |
| | Right Side | 20 | 1 | 15 | 36 |
| | Rear | 37 | 12 | 24 | 73 |
| | Other/Unknown | 1 | 0 | 1 | 2 |
| | Total | 106 | 20 | 60 | 186 |
| 2004 | Front | 41 | 9 | 9 | 59 |
| | Left Side | 25 | 2 | 14 | 41 |
| | Right Side | 23 | 5 | 14 | 42 |
| | Rear | 47 | 4 | 35 | 86 |
| | Other/Unknown | 3 | 0 | 1 | 4 |
| | Total | 139 | 20 | 73 | 232 |
| 2005 | Front | 22 | 5 | 9 | 36 |
| | Left Side | 29 | 8 | 17 | 54 |
| | Right Side | 19 | 1 | 6 | 26 |
| | Rear | 44 | 8 | 33 | 85 |
| | Other/Unknown | 2 | 0 | 1 | 3 |
| | Total | 116 | 22 | 66 | 204 |

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National

| Crash Year by Initial Impact Point on the Large Truck | | Passenger Vehicle Compartment Intrusion? | | | Total |
|---|---------------|--|--------------------------|-------------------------------|------------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 2006 | | | | | |
| | Front | 21 | 7 | 7 | 35 |
| | Left Side | 21 | 4 | 11 | 36 |
| | Right Side | 24 | 4 | 14 | 42 |
| | Rear | 35 | 18 | 25 | 78 |
| | Other/Unknown | 0 | 0 | 1 | 1 |
| | Total | 101 | 33 | 58 | 192 |
| 2007 | | | | | |
| | Front | 29 | 6 | 7 | 42 |
| | Left Side | 31 | 5 | 9 | 45 |
| | Right Side | 12 | 6 | 12 | 30 |
| | Rear | 47 | 17 | 20 | 84 |
| | Other/Unknown | 1 | 0 | 0 | 1 |
| | Total | 120 | 34 | 48 | 202 |
| 2008 | | | | | |
| | Front | 13 | 1 | 11 | 25 |
| | Left Side | 27 | 2 | 14 | 43 |
| | Right Side | 8 | 1 | 12 | 21 |
| | Rear | 37 | 11 | 17 | 65 |
| | Other/Unknown | 0 | 0 | 1 | 1 |
| | Total | 85 | 15 | 55 | 155 |
| 2009 | | | | | |
| | Front | 24 | 12 | 8 | 44 |
| | Left Side | 17 | 5 | 4 | 26 |
| | Right Side | 17 | 2 | 7 | 26 |
| | Rear | 46 | 9 | 19 | 74 |
| | Other/Unknown | 0 | 0 | 2 | 2 |
| | Total | 104 | 28 | 40 | 172 |
| 2010 | | | | | |
| | Front | 41 | 3 | 9 | 53 |
| | Left Side | 22 | 3 | 6 | 31 |
| | Right Side | 7 | 2 | 6 | 15 |
| | Rear | 42 | 11 | 18 | 71 |
| | Other/Unknown | | | | |
| | Total | 112 | 19 | 39 | 170 |
| 2011 | | | | | |
| | Front | 33 | 14 | 6 | 53 |
| | Left Side | 12 | 3 | 9 | 24 |
| | Right Side | 9 | 2 | 7 | 18 |
| | Rear | 39 | 7 | 17 | 63 |
| | Other/Unknown | | | | |
| | Total | 93 | 26 | 39 | 158 |

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National

| Crash Year by Initial Impact Point on the Large Truck | | Passenger Vehicle Compartment Intrusion? | | | Total |
|---|---------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 2012 | | | | | |
| | Front | 39 | 9 | 8 | 56 |
| | Left Side | 14 | 6 | 11 | 31 |
| | Right Side | 10 | 0 | 8 | 18 |
| | Rear | 51 | 6 | 32 | 89 |
| | Total | 114 | 21 | 59 | 194 |
| 2013 | | | | | |
| | Front | 25 | 6 | 6 | 37 |
| | Left Side | 23 | 3 | 13 | 39 |
| | Right Side | 5 | 5 | 7 | 17 |
| | Rear | 41 | 8 | 22 | 71 |
| | Other/Unknown | 0 | 0 | 1 | 1 |
| Total | 94 | 22 | 49 | 165 | |
| 2014 | | | | | |
| | Front | 14 | 0 | 7 | 21 |
| | Left Side | 20 | 2 | 12 | 34 |
| | Right Side | 14 | 0 | 11 | 25 |
| | Rear | 51 | 8 | 30 | 89 |
| | Other/Unknown | 0 | 0 | 1 | 1 |
| Total | 99 | 10 | 61 | 170 | |
| 2015 | | | | | |
| | Front | 12 | 4 | 19 | 35 |
| | Left Side | 21 | 4 | 13 | 38 |
| | Right Side | 7 | 2 | 11 | 20 |
| | Rear | 59 | 5 | 24 | 88 |
| | Other/Unknown | 2 | 0 | 6 | 8 |
| Total | 101 | 15 | 73 | 189 | |
| 1994-2015 | | | | | |
| | Front | 408 | 97 | 155 | 660 |
| | Left Side | 582 | 82 | 303 | 967 |
| | Right Side | 349 | 56 | 220 | 625 |
| | Rear | 1,015 | 203 | 585 | 1,803 |
| | Other/Unknown | 65 | 8 | 67 | 140 |
| Total | 2,419 | 446 | 1,330 | 4,195 | |

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Missouri

| Crash Year by Initial Impact Point on the Large Truck | | Passenger Vehicle Compartment Intrusion? | | | Total |
|---|---------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 1994 | Front | 2 | 0 | 0 | 2 |
| | Left Side | 1 | 0 | 0 | 1 |
| | Right Side | 0 | 2 | 0 | 2 |
| | Rear | 2 | 0 | 2 | 4 |
| | Total | 5 | 2 | 2 | 9 |
| 1995 | | | | | |
| | Right Side | 2 | 0 | 0 | 2 |
| | Rear | 2 | 1 | 0 | 3 |
| | Other/Unknown | 1 | 0 | 0 | 1 |
| Total | 5 | 1 | 0 | 6 | |
| 1996 | | | | | |
| | Left Side | 1 | 0 | 0 | 1 |
| | Right Side | 0 | 0 | 1 | 1 |
| | Rear | 2 | 0 | 1 | 3 |
| | Other/Unknown | 1 | 0 | 0 | 1 |
| Total | 4 | 0 | 2 | 6 | |
| 1997 | | | | | |
| | Left Side | 2 | 0 | 1 | 3 |
| | Right Side | 2 | 0 | 0 | 2 |
| | Rear | 0 | 0 | 1 | 1 |
| Total | 4 | 0 | 2 | 6 | |
| 1998 | | | | | |
| | Left Side | 2 | 0 | 0 | 2 |
| | Rear | 4 | 0 | 0 | 4 |
| Total | 6 | 0 | 0 | 6 | |
| 1999 | | | | | |
| | Left Side | 1 | 0 | 1 | 2 |
| | Rear | 6 | 2 | 1 | 9 |
| Total | 7 | 2 | 2 | 11 | |
| 2000 | | | | | |
| | Left Side | 2 | 0 | 0 | 2 |
| | Rear | 4 | 0 | 0 | 4 |
| Total | 6 | 0 | 0 | 6 | |
| 2001 | | | | | |
| | Left Side | 1 | 0 | 1 | 2 |
| | Right Side | 0 | 0 | 1 | 1 |
| | Rear | 0 | 0 | 1 | 1 |
| Total | 1 | 0 | 3 | 4 | |

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|---|------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 2002 | | | | | |
| | Left Side | 0 | 1 | 1 | 2 |
| | Rear | 2 | 0 | 3 | 5 |
| | Total | 2 | 1 | 4 | 7 |
| 2003 | | | | | |
| | Right Side | 0 | 0 | 1 | 1 |
| | Rear | 2 | 1 | 1 | 4 |
| | Total | 2 | 1 | 2 | 5 |
| 2004 | | | | | |
| | Front | 3 | 0 | 0 | 3 |
| | Rear | 2 | 0 | 1 | 3 |
| | Total | 5 | 0 | 1 | 6 |
| 2005 | | | | | |
| | Rear | 4 | 1 | 1 | 6 |
| | Total | 4 | 1 | 1 | 6 |
| 2006 | | | | | |
| | Front | 0 | 0 | 1 | 1 |
| | Right Side | 1 | 0 | 0 | 1 |
| | Rear | 0 | 1 | 2 | 3 |
| | Total | 1 | 1 | 3 | 5 |
| 2007 | | | | | |
| | Left Side | 1 | 0 | 0 | 1 |
| | Rear | 1 | 1 | 0 | 2 |
| | Total | 2 | 1 | 0 | 3 |
| 2008 | | | | | |
| | Front | 0 | 0 | 1 | 1 |
| | Left Side | 1 | 0 | 0 | 1 |
| | Right Side | 2 | 0 | 0 | 2 |
| | Rear | 3 | 0 | 1 | 4 |
| | Total | 6 | 0 | 2 | 8 |
| 2009 | | | | | |
| | Front | 0 | 2 | 0 | 2 |
| | Rear | 1 | 0 | 0 | 1 |
| | Total | 1 | 2 | 0 | 3 |
| 2010 | | | | | |
| | Front | 1 | 0 | 1 | 2 |
| | Rear | 1 | 1 | 0 | 2 |
| | Total | 2 | 1 | 1 | 4 |
| 2011 | | | | | |
| | Front | 1 | 0 | 0 | 1 |
| | Rear | 1 | 1 | 0 | 2 |

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|---|---------------|--|--------------------------|-------------------------------|-------|
| | | Compartment Intrusion | No Compartment Intrusion | Compartment Intrusion Unknown | |
| 2011 | Total | 2 | 1 | 0 | 3 |
| 2012 | | | | | |
| | Rear | 1 | 0 | 0 | 1 |
| | Total | 1 | 0 | 0 | 1 |
| 2013 | | | | | |
| | Front | 0 | 0 | 1 | 1 |
| | Rear | 1 | 0 | 0 | 1 |
| | Total | 1 | 0 | 1 | 2 |
| 2014 | | | | | |
| | Rear | 0 | 0 | 1 | 1 |
| | Other/Unknown | 0 | 0 | 1 | 1 |
| | Total | 0 | 0 | 2 | 2 |
| 2015 | | | | | |
| | Left Side | 1 | 0 | 0 | 1 |
| | Rear | 3 | 0 | 0 | 3 |
| | Total | 4 | 0 | 0 | 4 |
| 1994-2015 | | | | | |
| | Front | 7 | 2 | 4 | 13 |
| | Left Side | 13 | 1 | 4 | 18 |
| | Right Side | 7 | 2 | 3 | 12 |
| | Rear | 42 | 9 | 16 | 67 |
| | Other/Unknown | 2 | 0 | 1 | 3 |
| | Total | 71 | 14 | 28 | 113 |