

**Estimated Side Underride Deaths March 19, 1969 to March 19, 2022
(Back of the Envelope Math Based on Undercounted FARS Data)**

1994-2015 NHTSA FARS Underride Deaths

Front 660
Left Side 967
Right Side 625
Rear 1,803
Other/Unknown 140
Total 4,195

Right + Left Sides = 1,592 side underride fatalities in 21 years or on average 76/year

A [1997 IIHS study](#) showed that FARS data was attributing 4% of truck crash fatalities to underride and concluded that 27-50% would be more accurate.

27% of 4,000/year truck crash fatalities would be **1,080 underride deaths/year**.

Side underride fatalities are 1,592/4,195 or 38% of those 1994-2015 FARS-reported underride deaths.

38% of 1,080 is **410 side underride deaths/year**.

50% of 4,000 would be **2,000 underride deaths/year**.

38% of 2,000 is **760 side underride deaths/year**.

(doesn't include Vulnerable Road User Deaths)

# of Underride Fatalities	Based on 1994-2015 FARS data	27% extrapolation	50% extrapolation
ON AVERAGE/YEAR:			
• Front (16%)	31	173	320
• Side (38%)	76	410	760
• Rear (43%)	86	464	860
• Other (3%)	7	32	60
• Total	200	1,079	2,000
53 YEARS:			
• Front	1,643	9,169	16,960
• Side	4,028	21,730	40,280
• Rear	4,558	24,592	45,580
• Other	371	1,696	3,180
• Total	10,600	57,187	106,000

