

NSC Independence Day holiday period traffic fatality estimates compared to actual deaths, United States, 1995 - 2018

Year	Actual deaths	NSC Lower confidence limit	NSC estimated deaths	NSC Upper confidence limit
1995	631	553	636	771
1996	609	580	653	734
1997	492	411	469	535
1998	458	448	498	552
1999	499	446	503	567
2000	683	578	645	719
2001	173	144	198	260
2002	660	565	648	743
2003	500	449	520	602
2004	502	451	522	602
2005	565	444	498	557
2006	629	680	751	828
2007	184	160	203	251
2008	472	396	449	507
2009	398	336	381	431
2010	365	310	361	420
2011	405	320	374	436
2012	157	135	173	219
2013	461	477	540	610
2014	347	328	385	450
2015	366	351	409	475
2016	397	388	466	556
2017		514	582	657
2018		136	164	194

Source: Actual deaths are NSC analysis of NHTSA FARS data, all other counts are NSC

estimates. " " " "

Percent of traffic fatalities involving alcohol-impaired driving (a), Independence Day vs. Annual Average

Year	Independence Day	Annual Average
1982	59%	48%
1983	55%	47%
1984	55%	44%
1985	49%	41%
1986	55%	42%
1987	48%	41%
1988	51%	40%
1989	47%	38%
1990	55%	40%
1991	45%	38%
1992	45%	36%
1993	42%	34%
1994	44%	33%
1995	37%	32%
1996	36%	32%
1997	40%	30%
1998	43%	30%
1999	35%	30%
2000	39%	32%
2001	44%	31%
2002	36%	31%
2003	43%	31%
2004	40%	31%
2005	44%	31%
2006	37%	32%

2007	45%	32%
2008	44%	31%
2009	39%	32%
2010	38%	31%
2011	37%	30%
2012	45%	31%
2013	39%	31%
2014	41%	30%
2015	36%	29%
2016	41%	28%

Source: National Highway Traffic Safety Administration's Traffic Safety Facts Annual Report, generated 03/19/2018.

(a) Highest blood alcohol concentration (BAC) among drivers or motorcycle riders involved in the crash was 0.08 grams per deciliter or greater. NHTSA estimates alcohol involvement when alcohol test results are unknown.

Note: Percent of deaths conforms to the HHTSA holiday period definition that is a quarter day longer than NSC's holiday period definition.

Traffic deaths durring Independence Day holiday periods and equivalent nonholiday periods

Year	Independence Day period	Before - equivalent period	After - equivalent period
1995	631	554	543
1996	609	625	488
1997	492	498	456
1998	458	507	469
1999	499	466	432
2000	683	529	471
2001	173	92	144
2002	660	630	592
2003	500	478	505
2004	502	492	465
2005	565	521	463
2006	629	569	496
2007	184	111	136
2008	472	406	393
2009	398	423	393
2010	365	384	353
2011	405	391	344
2012	157	115	94
2013	461	393	396
2014	347	305	326
2015	366	378	366
2016	397	404	324

Source: NSC analysis of NHTSA FARS data

Comparison of average number of traffic deaths per day during select holiday periods						
Year	New Year's Day	Memorial Day	Independence Day	Labor Day	Thanksgiving Day	Christmas Day
1995		145	148	151	122	105
1996	127	152	143	156	134	109
1997	141	153	151	149	130	110
1998	125	118	141	138	138	109
1999	107	152	154	144	133	140
2000	141	139	161	158	117	129
2001	104	154	138	133	136	135
2002	130	149	156	165	124	91
2003	162	145	154	151	128	115
2004	129	153	154	148	131	114
2005	138	158	174	154	142	118
2006	133	152	148	150	147	117
2007	119	146	147	156	128	107
2008	96	127	145	146	114	96
2009	108	142	122	108	94	76
2010	88	120	112	120	98	77
2011	94	120	125	115	88	79
2012	107	113	126	116	95	83
2013	81	103	108	114	85	70
2014	101	104	107	111	95	84
2015	84	113	113	121	91	84
2016	84	120	122	117	101	94

Source: NSC analysis of NHTSA FARS data
note: The length of the holiday period depends on the day of the week on which the holiday falls. Memorial Day and Labor Day are always 3.25 days; Thanksgiving is always 4.25 days; and New Year's Day, Independence Day, and Christmas are 3.25 days if the holiday falls on Friday Through Monday, 4.25 days if on Tuesday or Thursday, and 1.25 days if on Wednesday. To compare holidays of different lengths, the number of deaths per day was calculated by dividing the number of traffic deaths by the number of days.