

**NSC Labor 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	490	457	512	574
1996	508	494	544	598
1997	485	426	492	566
1998	447	447	498	554
1999	469	422	468	518
2000	514	430	481	538
2001	432	420	474	533
2002	536	413	474	542
2003	490	429	488	555
2004	480	421	486	558
2005	500	420	475	537
2006	487	477	533	595
2007	508	440	490	544
2008	473	384	439	501
2009	351	356	404	457
2010	390	320	368	422
2011	373	337	400	472
2012	378	336	405	485
2013	371	338	394	459
2014	362	338	395	460
2015	394	336	395	461
2016	379	388	438	493
2017		376	421	471
2018		365	420	481

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), Labor Day vs. Annual Average

Year	Labor Day	Annual Average
1982	55%	48%
1983	60%	47%
1984	53%	44%
1985	51%	41%
1986	52%	42%
1987	53%	41%
1988	52%	40%
1989	48%	38%
1990	52%	40%
1991	46%	38%
1992	42%	36%
1993	47%	34%
1994	46%	33%
1995	40%	32%
1996	43%	32%
1997	42%	30%
1998	40%	30%
1999	38%	30%
2000	43%	32%
2001	40%	31%
2002	45%	31%
2003	38%	31%
2004	38%	31%
2005	40%	31%
2006	37%	32%
2007	42%	32%

2008	40%	31%
2009	38%	32%
2010	35%	31%
2011	37%	30%
2012	38%	31%
2013	39%	31%
2014	42%	30%
2015	35%	29%
2016	36%	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 Labor Day holiday periods and equivalent nonholiday periods

Year	Labor Day period	Before - equivalent period	After - equivalent period
1995	490	513	430
1996	508	534	418
1997	485	419	418
1998	447	471	413
1999	469	485	449
2000	514	420	441
2001	432	372	364
2002	536	462	475
2003	490	480	413
2004	480	435	420
2005	500	466	451
2006	487	432	389
2007	508	448	415
2008	473	363	367
2009	351	340	360
2010	390	392	395
2011	373	341	345
2012	378	381	342
2013	371	342	347
2014	362	322	302
2015	394	335	321
2016	379	360	347

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.