



## Lives Saved Due to the Reduction of Alcohol Involvement in Fatal Traffic Crashes from 1982-2004<sup>1</sup>

Year	Total Traffic Fatalities	Alcohol-Related Fatalities		Non-Alcohol-Related Fatalities		Estimated Total Fatalities if Alcohol-Related had Remained at 1980 Level	Lives Saved due to Reduction in Alcohol in Fatal Crashes
		%	Number	%	Number		
1982	43,945	60%	26,173	40%	17,772	43,945	-
1983	42,589	58%	24,635	42%	17,954	44,395	1,806
1984	44,257	56%	24,762	44%	19,495	48,205	3,948
1985	43,825	53%	23,167	47%	20,658	51,081	7,256
1986	46,087	54%	25,017	46%	21,070	52,100	6,013
1987	46,390	52%	24,094	48%	22,296	55,132	8,742
1988	47,087	51%	23,833	49%	23,254	57,500	10,413
1989	45,582	49%	22,424	51%	23,158	57,263	11,681
1990	44,599	51%	22,587	49%	22,012	54,429	9,830
1991	41,508	49%	20,159	51%	21,349	52,790	11,282
1992	39,250	47%	18,290	53%	20,960	51,828	12,578
1993	40,150	45%	17,908	55%	22,242	54,998	14,848
1994	40,716	43%	17,308	57%	23,408	57,881	17,165
1995	41,817	42%	17,732	58%	24,085	59,555	17,738
1996	42,065	42%	17,749	58%	24,316	60,126	18,061
1997	42,013	40%	16,711	60%	25,302	62,565	20,551
1998	41,501	40%	16,673	60%	24,828	61,392	19,891
1999	41,717	40%	16,572	60%	25,145	62,176	20,459
2000	41,945	41%	17,380	59%	24,565	60,742	18,797
2001	42,196	41%	17,400	59%	24,796	61,313	19,117
2002	43,005	41%	17,524	59%	25,481	63,007	20,002
2003	42,884	40%	17,105	60%	25,779	63,744	20,860
2004	42,636	39%	16,694	61%	25,942	64,147	21,511
<b>TOTAL LIVES SAVED</b>							<b>312,549</b>

**Source:** Adopted from: Fell J.C. (1995). "What's New in Alcohol, Drugs and Traffic Safety?" National Highway Traffic Safety Administration (NHTSA). Proceedings of 13<sup>th</sup> Conference, International Council on Alcohol, Drugs and Traffic Safety (ICADTS), NHMRC Road Accident Research Unit, University of Adelaide, Australia, in Kloeden and McLean (Eds), T95, pp 329-335.

<sup>1</sup> If the proportion of alcohol-related fatalities had stayed the same as 1980-1982, lives saved per year could be calculated by converting the 40% non-alcohol-related to decimal .4044147 and dividing the non-alcohol related fatalities each year by this decimal. As in 1983, non-alcohol-related fatalities were 17,954. If divided by the decimal .4044147, the estimated total fatalities if the proportion had remained the same would be 44,395. Taking the 44,395 and deducting the actual 1983 fatalities of 42,589 would result in a figure of 1,806 lives saved. This same formula would be used for each year.

Alcohol-related fatalities from 1982-2004 are from the new FARS Imputation Method.