

TABLE OF RELATIVE INJURY RISK: EFFECT OF MODE, AGE, GENDER AND BAC

TYPE of INJURY	FATAL MOTOR VEHICLE				FATAL BOATING	FATAL or SERIOUS BICYCLE	PEDESTRIAN FALL-DOWN INJURY	BIOBEHAVIORAL EFFECTS OF ALCOHOL AND RELATED LEGAL DEFINITIONS OF INTOXICATION
BAC (%)	Age 16-20 ♀	Age 16-20 ♂	Age 21-34 ♀ and ♂	Age 35+ ♀ and ♂	ALL [including swimmers]	Effect of age/gender unknown	Effect of age/gender unknown	
Relative Risk								
.02	1.8	2.4	1.8	1.7	1.7	6x (.02-.08%)	-	.02% Zero Tolerance (<21)
.03	2.5	3.7	2.4	2.3	2.2			
.04	3.3	5.8	3.2	3.0	2.9		3x (.05-.10%)	.04% National DWI Commercial Operators
.05	4.5	9.0	4.3	3.9	3.7			
.06	6	14	6	5	-			
.07	8	22	8	7	-			
.08	11	34	10	9	7.1	>20x (≥.08%)	10x (.10-.15%)	.08% National DWI Psychophysical Impairment (SFSTs)
.09	15	53	14	11	-			
.10	20	82	18	15	10.4			
.11	27	127	24	20	-			
.12	37	196	33	26	-			
.13	49	305	43	33	-			
.14	67	473	58	44	-	>60x (>.16%)		.15% Visible Intoxication (>50%)
.15	90	735	78	57	23.0			
.16	122	1141	104	75	-			
.17	164	1772	138	99	-			
.18	221	2752	185	129	-			
.19	299	4273	247	169	-			
.20	403	6634	330	221	39.4			
.22*	735*	15995*	590*	380*	-			
.24	1339	38561	1054	652	-			
.26	2440	92967	1881	1119	-			
.28	4447	224134	3361	1920	-			
.30	8103	540365	6003	3295	-			
>.40%	-	-	-	-	-			
								Severe Sensory Motor Impairment
								Stupor Unconsciousness LD:50 (Est.)

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Relative risk (RR) for a fatal single car crash derived from stepwise logistic regression coefficients rounded to nearest tenth or whole number. For women age 16-20, a coefficient of 0.03 (range 0.044-0.014) was used (calculated from Zador et al., 2000a,b). Bicycle risk derived from Li et al. (2001); Pedestrian risk derived from Honkanen et al. (1983). Boating risk derived from Smith et al. (2001). Further details available on request or see text. Also included are biobehavioral descriptors. RR values for BACs above * are included only for comparative purposes.