

Table 6. Number of deaths*, percent of all deaths (%) and probability of death in the U.S. by selected exposure category during 2002. Some causes of deaths are not mutually exclusive.

Exposure	Deaths per Year by Exposure Category		Cancer Deaths**	Probability of Death:	
	Number	% of All Deaths		One Death Per Year Among this Number of Americans	Risk of Death Relative to Deaths Attributed to Nature
Tobacco (direct and indirect) (44)	438,000	18%	167,181	685	282
Active Smoking (45)			389,290	771	251
Passive Smoking (45) (estimate)			38,000	7,895	24
Smokeless Tobacco*** (46)			≤7,430	40,377	5
Adult Obesity (47)	111,909	5%		2,681	72
Dietary Practices (3, 13)			167,181	1,794	108
Sedentary Lifestyle (3, 13)			27,864	10,767	18
Unintentional Injury (13)	106,742	4%		2,811	69
Medical Errors**** (48)	44,000-98,000	4%		3,061	63
Nosocomial Infections***** (48)	90,000	4%		3,409	58
Alcohol (2000) (direct and indirect effects) (49)	85,000	3%	16,718	3,529	55
Toxic agents (2000) (direct and indirect effects) (49)	55,000	2%		5,455	35
Intentional Injury (13)	49,293	2%		6,086	32
Sexual behaviors (2000) (49)	20,000	1%		15,000	13
Illicit drug use (direct and indirect) (2000)***** (49)	17,000	1%		17,647	11
Ionizing and UV Radiation***** (3, 13)	≥ 11,145	<1%	11,145	26,918	7
Ionizing Radiation (all doses) (3, 13)			≤ 3,631	82,622	2
Non-ionizing radiation (28,47, 50)			≥ 7,514	39,925	5
UV Light - All sources (28,47)			> 7,514	39,925	5
EMF (3,28,49)			0	0	Undefined
All forms of pollution - cancer deaths only (3, 13)			11,145	26,918	7
Air Pollution (3)			Indeterminant		Undefined
Medication Errors**** (48)	7,391	<1%		40,590	5
Asbestos (2000) (49)	3,750	<1%	2,485	80,000	2
Mesothelioma (2000) (49)			2,485	120,724	2
Asbestosis (2000) (49)			1,265	237,154	0.8
Failure to Use Smoke Detectors (51)	2,670	<1%		112,360	2
Deaths Attributed to Nature (13)	1,554	<1%		193,050	1
Failure to Use Carbon Monoxide Detectors (52)	200	<1%		1,500,000	0.1
Organic Solvents (13)	≤ 51	<1%		5,882,353	>0.0
Tetrachloroethylene (PERC) (13)			Indeterminant		Undefined
Trichloroethylene (TCE) (53)			Indeterminant		Undefined
Arsenic (acute and chronic exposure) (54-55)	<50	<1%		6,000,000	>0.0
Pesticides (13)	7			300,000,000	Undefined
DDT (19,56-58)			0		Undefined
Alar (48, 58-60)	0				Undefined
Dioxin and PCBs (62-64)	0				Undefined
Petrochemicals (65-67)	0				Undefined
MTBE (68)			0		Undefined
Mercury (13) and lead (13) (direct effects)	0				Undefined
Teflon (69)	0				Undefined
Flame Retardant (70-71)	0				Undefined
Pressure-treated Wood (72-74)					Undefined
Chromated Copper Arsenates (73, 74)			0		Undefined
Other pressure-treatment agents (72)			0		Undefined
Phthalates (75)	0				Undefined
Bisphenol-A (76)	0				Undefined
PVC Polymers (77)	0				Undefined
Bromates (78-79)	0				Undefined
Acrylamides (80-81)	0				Undefined
Perchlorate in Drinking Water (53)	0				Undefined
Hexavalent chromium (82)	0				Undefined
Chlorination of water (83)			Saves Lives		Undefined
Fluoridation of water (84-85)	0				Undefined
Terrorism (86-87)	0				Undefined
SUBTOTAL: deaths from causes listed above	≤1,108,907	45%		260	
TOTAL: all deaths in U.S. during 2002	2,443,387	100%		123	

* Small numbers, including zero may be unreliable and may differ by year. Most counts of deaths in this table represent estimates.
** Number of cancer deaths calculated as number of cancer deaths multiplied by proportion of cancer deaths attributed to each exposure
*** The estimate of the number of deaths attributed to smokeless tobacco uses oral and pharyngeal cancer deaths that may result from smoking, alcohol, and other etiologies.
**** Some deaths counted as medical errors include medication errors and vice versa. Counts that include ranges use the upper limit of the range.
***** Nosocomial infections are hospital-acquired infections. Nosocomial infection deaths are counted in specific infectious disease categories
***** Includes deaths resulting from the direct consequences of illicit drug use and indirect causes resulting from suicide, homicide, motor vehicle injuries, HIV infections, pneumonia, violence, mental illness and infection
***** Counts only include cancer deaths.