

ANNUAL PHYSICAL AND ECONOMIC COST OF MEDICAL INTERVENTION

Condition	Deaths	Costs	Author
Adverse Drug Reactions	106,000	\$12 billion	Lazarou 1 Suh 49
Medical error	98,000	\$2 billion	IOM 6
Bedsore	115,000	\$55 billion	Xakellis 7 Barczak 8
Infection	88,000	\$5 billion	Weinstein 9 MMWR 10
Malnutrition	108,800		Nurses Coalition 11
Outpatients	199,000	\$77 billion	Starfield 12 Weingart 112
Unnecessary Procedures	37,136	\$122 billion	HCUP 3,13
Surgery-Related	32,000	\$9 billion	AHRQ 85
TOTAL	783,936		

Condition	Deaths	Cost	Author
ADR/med error	420,000	\$200 billion	Leape 1997 ¹⁴
TOTAL	999,936		

ANNUAL UNNECESSARY MEDICAL EVENTS STATISTICS

Unnecessary Events	People Affected	Iatrogenic Events
Hospitalization	8.9 million ⁴	1.78 million ¹⁶
Procedures	7.5 million ³	1.3 million ⁴⁰
TOTAL	16.4 million	3.08 million

TEN-YEAR DEATH RATES FOR MEDICAL INTERVENTION

Condition	10-Year Deaths	Author
Adverse Drug Reaction	1.06 million	-1
Medical error	0.98 million	(6)
Bedsore	1.15 million	(7,8)
Nosocomial Infection	0.88 million	(9,10)
Malnutrition	1.09 million	(11)
Outpatients	1.99 million	(12, 112)
Unnecessary Procedures	371,360	(3,13)
Surgery-related	320,000	-85
TOTAL	7,841,360 (7.8 million)	

TEN-YEAR STATISTICS FOR UNNECESSARY INTERVENTION

Unnecessary Events	10-year Number	Iatrogenic Events
Hospitalization	89 million ⁴	17 million
Procedures	75 million ³	15 million
TOTAL	164 million	