

## Supplementary Online Content

Davidson LE, Adams TD, Kim J, et al. Association of patient age at gastric bypass surgery with long-term all-cause and cause-specific mortality. *JAMA Surg*. Published online February 10, 2016. doi:10.1001/jamasurg.2015.5501.

**eTable.** Distribution of Deaths and Death Rates per 10,000 Person-years, According to Study Group and Age Categories

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable.** Distribution of Deaths and Death Rates per 10,000 Person-years, According to Study Group and Age Categories

Causes of Death			Group	All	Age Categories, years			
					<35	35-44	45-54	55-74
All deaths	Deaths (N)	Surgery	213	69	58	51	35	
		Non-surgery	321	50	96	111	64	
	Deaths/10,000 person-years	Surgery	37.0	33.0	27.4	42.8	98.6	
		Non-surgery	56.2	23.7	45.8	99.4	186.5	
All external causes*	Deaths (N)	Surgery	63	35	17	8	3	
		Non-surgery	36	12	15	6	3	
	Deaths/10,000 person-years	Surgery	10.9	16.7	8.0	6.7	8.4	
		Non-surgery	6.3	5.7	7.1	5.4	8.7	
All deaths other than externally caused	Deaths (N)	Surgery	150	34	41	43	32	
		Non-surgery	285	38	81	105	61	
	Deaths/10,000 person-years	Surgery	26.1	16.2	19.4	36.1	90.1	
		Non-surgery	49.9	18.0	38.6	94.0	177.7	
Cardiovascular disease**	Deaths (N)	Surgery	55	11	14	16	14	
		Non-surgery	104	18	27	33	26	
	Deaths/10,000 person-years	Surgery	9.6	5.3	6.6	13.4	39.4	
		Non-surgery	18.2	8.5	12.9	29.5	75.8	
Cancer	Deaths (N)	Surgery	31	0	10	12	9	
		Non-surgery	75	8	20	32	15	
	Deaths/10,000 person-years	Surgery	5.4	0	4.7	10.1	25.3	
		Non-surgery	13.1	3.8	9.5	28.7	43.7	

\* Accidents unrelated to drugs, poisoning of undetermined intent, suicide, other externally-caused deaths.

\*\* Coronary artery disease, heart failure, stroke, and other cardiovascular disease.