

Cancer Death Rates* by Educational Attainment, Race/Ethnicity, and Sex, Ages 25-64, US, 2007

	Men				Women			
	All Races	Non-Hispanic African American	Non-Hispanic White	Hispanic	All Races	Non-Hispanic African American	Non-Hispanic White	Hispanic
All sites								
All education levels	104.36	170.43	101.68	51.00	90.75	126.43	89.42	54.03
< = 12 years of education	147.85	216.48	148.79	52.80	119.38	145.38	123.96	55.99
13-15 years of education	72.67	101.67	71.33	45.71	69.07	105.88	66.24	35.84
> = 16 years of education	55.92	76.90	56.48	37.05	59.13	86.18	57.79	58.68
RR (95% CI)	2.64 (2.53 - 2.76)	2.82 (2.40 - 3.30)	2.63 (2.52 - 2.76)	1.43 (1.06 - 1.92)	2.02 (1.94 - 2.10)	1.69 (1.49 - 1.90)	2.15 (2.05 - 2.25)	0.95 (0.69 - 1.32)
Absolute difference	91.94	139.58	92.32	15.75	60.25	59.20	66.17	-2.68
Lung								
All education levels	32.19	53.98	31.74	9.23	22.38	26.04	23.36	5.39
< = 12 years of education	51.63	73.01	53.49	9.40	33.86	33.20	37.71	5.43
13-15 years of education	20.54	28.26	20.48	6.85	15.28	20.22	15.29	4.42
> = 16 years of education	10.35	17.64	10.18	8.61	8.77	11.96	8.62	6.48
RR (95% CI)	4.99 (4.65 - 5.34)	4.14 (3.27 - 5.24)	5.26 (4.88 - 5.67)	1.09 (0.66 - 1.82)	3.86 (3.58 - 4.17)	2.78 (2.22 - 3.48)	4.38 (4.02 - 4.76)	0.84 (0.38 - 1.83)
Absolute difference	41.28	55.37	43.31	0.79	25.09	21.24	29.09	-1.05
Colorectal								
All education levels	10.10	19.00	9.43	5.52	7.38	12.58	6.95	5.03
< = 12 years of education	13.59	22.45	13.18	5.34	9.75	13.97	9.74	5.11
13-15 years of education	7.41	13.46	6.74	6.30	5.65	9.87	5.23	3.26
> = 16 years of education	6.22	10.37	6.05	3.80	4.73	9.81	4.43	4.60
RR (95% CI)	2.18 (2.00 - 2.39)	2.17 (1.663 - 2.87)	2.18 (1.97 - 2.41)	1.41 (0.67 - 2.96)	2.06 (1.86 - 2.29)	1.42 (1.11 - 1.83)	2.20 (1.95 - 2.48)	1.11 (0.47 - 2.60)
Absolute difference	7.37	12.08	7.13	1.54	5.02	4.16	5.31	0.51
Prostate								
All education levels	2.88	7.93	2.46	1.40				
< = 12 years of education	3.61	9.03	3.04	1.33				
13-15 years of education	2.16	5.51	1.81	1.85				
>= 16 years of education	2.17	5.99	2.05	0.82				
RR (95% CI)	1.66 (1.44 - 1.93)	1.51 (1.03 - 2.22)	1.48 (1.25 - 1.75)	1.61 (0.36 - 7.20)				
Absolute difference	1.44	3.04	0.99	0.51				
Breast								
All education levels					19.34	32.44	18.14	11.94
< = 12 years of education					22.12	33.53	21.41	11.93
13-15 years of education		N/A			16.23	31.17	14.60	7.97
> = 16 years of education					16.51	27.44	15.76	18.46
RR (95% CI)					1.34 (1.26 - 1.43)	1.22 (1.03 - 1.44)	1.36 (1.26 - 1.46)	0.65 (0.41 - 1.03)
Absolute difference					5.60	6.09	5.64	-6.52

RR=relative risk of cancer death among those with the lowest level of education, compared to those with the highest level; CI=confidence interval; NA=not applicable.

Education categories are defined based on 1989 death certificates. *Rates are for individuals 25-64 years at death, per 100,000, and age adjusted to the 2000 US standard population.

Data Source: National Center for Health Statistics.