

Supplemental Table 1: Suicide counts and rate distributions among adults 18-64 years of age in the United States, 2000-2015

Group	Count (%)	State quarterly (3-month) suicide rates per 100,000					
		Mean (std)	min	25 th	median	75 th	max
Education							
≤High school	261,068 (58)	6.01 (2.49)	0.00	4.65	5.87	7.21	19.14
Some college	106,959 (24)	3.32 (1.65)	0.00	2.30	3.08	4.10	13.16
≥College	85,669 (19)	2.96 (1.94)	0.00	1.96	2.61	3.44	24.65
Age							
18-24	58,720 (13)	3.96 (2.36)	0.00	2.56	3.48	4.68	27.07
25-34	88,840 (19)	4.10 (1.89)	0.00	2.87	3.80	4.96	16.01
35-44	106,661 (23)	4.62 (1.93)	0.00	3.35	4.34	5.59	17.31
45-54	122,819 (27)	5.03 (1.97)	0.00	3.71	4.81	6.11	16.04
55-64	85,116 (18)	4.30 (1.86)	0.00	3.09	4.09	5.27	13.83
Gender							
Men	360,096 (78)	7.04 (2.28)	1.09	5.54	6.80	8.26	18.06
Women	102,060 (22)	1.88 (0.82)	0.00	1.35	1.77	2.32	7.00
Race							
Non-Hispanic White	414,562 (90)	4.86 (1.57)	0.00	3.82	4.72	5.72	14.01
Other races	47,594 (10)	2.90 (2.99)	0.00	1.51	2.07	3.11	36.09

Supplemental Table 2: Effect estimates for models without adjustment for seasonality

	Regular UI programs (2000-2015)		All UI programs (2008-2013)	
	β	95% confidence interval	β	95% confidence interval
Adults 18-64	-	-0.120, -0.054	-0.092	-0.126, -0.059
	0.087			
Educational attainment				
≤high school	-	-0.222, -0.038	-0.149	-0.302, 0.004
	0.130			
some college	-	-0.224, -0.090	-0.236	-0.367, -0.104
	0.157			
≥college grad	-	-0.153, 0.054	-0.099	-0.228, 0.031
	0.050			
Race				
Non-Hispanic White	-	-0.425, -0.234	-0.316	-0.536, -0.097
	0.330			
All other groups	0.020	-0.118, 0.158	0.146	-0.117, 0.409
Gender				
Men	-	-0.299, -0.160	-0.208	-0.349, -0.067
	0.230			
Women	-	-0.094, 0.036	-0.134	-0.265, -0.004
	0.029			
Age (years)				
18-24	0.033	-0.061, 0.127	0.086	-0.107, 0.279
25-34	-	-0.202, -0.065	-0.162	-0.294, -0.030
	0.134			
35-44	-	-0.204, -0.071	-0.192	-0.320, -0.063
	0.137			
45-54	-	-0.296, -0.156	-0.287	-0.425, -0.149
	0.226			
55-64	-	-0.347, -0.185	-0.277	-0.442, -0.114
	0.266			

^aRegular Programs includes State UI, UCFE, and UCX. Estimates are expressed per 10 percentage point increase.

^bAll Programs includes Emergency programs and Extended Benefit programs in addition to regular programs. Estimates are expressed per 10 percentage point increase.

^c Models include terms for state and year fixed effects, state specific linear (state*year) and quadratic (state*year*year) time trends, state quarterly unemployment rate and minimum wage, state yearly gross state product, personal income, and number of Temporary Assistance for Needy Families recipients. Referent groups are strata with the largest number of suicides: high school or less for education, White for race, men for gender, and 45-54 years for age.