

Supplemental Information

SUPPLEMENTAL TABLE 2 Observed and Expected Rates During the COVID-19 Period in the United States from March 1, 2020 to December 31, 2020 by Firearms

Firearms	Observed ^a	Expected ^a	Rate Ratio	95% CI
Sex				
Female	327	271	1.21	1.08–1.34
Male	2516	2216	1.14	1.09–1.18
Age				
5–12	51	24	2.13	1.61–2.80
13–17	536	539	0.99	0.91–1.08
18–24	2256	1922	1.17	1.13–1.22
Race and ethnicity				
American Indian ^b	72	35	2.06	1.63–2.59
Asian/Pacific Islander ^b	83	69	1.20	0.97–1.49
Black ^b	450	301	1.50	1.36–1.64
White ^b	1806	1708	1.06	1.01–1.11
Hispanic	431	363	1.19	1.08–1.30

^a Observed and expected rates are reported for the COVID-19 period; however, expected rates were modeled from the trend in monthly suicide deaths before COVID-19 (January 1, 2015–February 29, 2020).

^b Non-Hispanic.

SUPPLEMENTAL TABLE 3 Observed and Expected Monthly Rates During the COVID-19 Period in the United States from March 1, 2020 to December 31, 2020 Overall and by Sex and Age Group

	Observed	Expected	Rate Ratio	95% CI
Overall				
March	545	555	0.98	0.90–1.07
April	517	556	0.93	0.85–1.01
May	495	539	0.92	0.84–1.00
June	519	520	1.00	0.92–1.09
July	571	517	1.10	1.02–1.20
August	581	531	1.09	1.01–1.19
September	633	548	1.15	1.07–1.25
October	636	549	1.16	1.07–1.25
November	561	531	1.06	0.97–1.15
December	510	509	1.00	0.92–1.09
Sex				
Female				
March	122	121	1.01	0.85–1.21
April	122	124	0.98	0.82–1.18
May	91	121	0.75	0.61–0.92
June	114	115	0.99	0.83–1.19
July	92	110	0.84	0.68–1.03
August	117	110	1.06	0.89–1.27
September	126	115	1.10	0.92–1.31
October	152	118	1.28	1.09–1.50
November	134	118	1.14	0.96–1.34
December	90	114	0.79	0.64–0.97
Male				
March	423	434	0.97	0.89–1.07
April	395	433	0.91	0.83–1.01
May	404	418	0.97	0.88–1.06
June	405	406	1.00	0.91–1.10
July	479	407	1.18	1.08–1.29
August	464	421	1.10	1.01–1.21
September	507	434	1.17	1.07–1.28
October	484	431	1.12	1.03–1.23
November	427	413	1.03	0.94–1.14
December	420	395	1.06	0.97–1.17
Age				
13–17				
March	108	141	0.76	0.63–0.92
April	106	135	0.79	0.65–0.95
May	93	118	0.79	0.65–0.97
June	101	103	0.98	0.81–1.19
July	95	101	0.95	0.77–1.16
August	127	111	1.15	0.97–1.37
September	150	126	1.19	1.02–1.40
October	163	133	1.23	1.05–1.43
November	144	127	1.13	0.96–1.33
December	125	119	1.05	0.88–1.26
18–24				
March	422	399	1.06	0.96–1.16
April	396	407	0.97	0.88–1.07
May	390	408	0.96	0.87–1.06
June	401	406	0.99	0.90–1.09
July	463	406	1.14	1.04–1.25
August	441	408	1.08	0.98–1.19
September	465	409	1.14	1.04–1.25
October	453	402	1.13	1.03–1.24
November	399	389	1.03	0.93–1.13
December	373	377	0.99	0.89–1.10

Observed and expected rates are reported for the COVID-19 period, however expected rates were modeled from the trend in monthly suicide deaths before COVID-19 (January 1, 2015–February 29, 2020).

SUPPLEMENTAL TABLE 4 Observed and Expected Monthly Rates During the COVID-19 Period in the United States From March 1, 2020 to December 31, 2020 by Race and Ethnicity^{a,b}

	Observed	Expected	Rate Ratio	95% CI
American Indian or Alaska Native^b				
March	20	14	1.41	0.91–2.19
April	16	15	1.06	0.65–1.73
May	14	15	0.93	0.55–1.57
June	13	14	0.91	0.53–1.57
July	22	14	1.62	1.06–2.45
August	12	14	0.87	0.49–1.53
September	18	14	1.25	0.78–1.98
October	23	15	1.56	1.04–2.35
November	20	14	1.43	0.92–2.22
December	12	13	0.94	0.53–1.65
Asian or Pacific Islander^b				
March	34	27	1.27	0.91–1.78
April	23	27	0.85	0.57–1.28
May	21	26	0.79	0.52–1.22
June	19	26	0.74	0.47–1.16
July	21	25	0.83	0.54–1.27
August	28	26	1.10	0.76–1.59
September	39	26	1.50	1.10–2.06
October	31	26	1.21	0.85–1.71
November	29	25	1.17	0.81–1.68
December	17	24	0.72	0.44–1.15
Black^b				
March	75	65	1.15	0.92–1.45
April	54	67	0.80	0.61–1.05
May	79	69	1.15	0.92–1.43
June	87	68	1.27	1.03–1.57
July	86	66	1.30	1.05–1.61
August	82	64	1.28	1.03–1.58
September	91	65	1.41	1.15–1.73
October	99	66	1.49	1.23–1.82
November	67	68	0.99	0.78–1.26
December	81	67	1.21	0.98–1.51
White^b				
March	325	347	0.94	0.84–1.04
April	321	344	0.93	0.84–1.04
May	299	327	0.92	0.82–1.03
June	304	310	0.98	0.88–1.10
July	344	309	1.12	1.00–1.24
August	340	322	1.05	0.95–1.17
September	372	338	1.10	1.00–1.22
October	374	338	1.11	1.00–1.23
November	330	322	1.02	0.92–1.14
December	312	306	1.02	0.91–1.14
Hispanic				
March	90	101	0.89	0.73–1.10
April	102	101	1.01	0.83–1.22
May	82	102	0.81	0.65–1.00
June	96	103	0.93	0.76–1.14
July	97	104	0.93	0.76–1.13
August	119	105	1.13	0.94–1.35
September	113	105	1.08	0.90–1.30
October	109	103	1.06	0.88–1.28
November	113	101	1.12	0.93–1.34
December	88	101	0.87	0.71–1.08

^a Observed and expected rates are reported for the COVID-19 period, however expected rates were modeled from the trend in monthly suicide deaths before COVID-19 (January 1, 2015–February 29, 2020).

^b Non-Hispanic.

SUPPLEMENTAL TABLE 5 Observed and Expected Monthly Rates During the COVID-19 Period in the United States From March 1, 2020 to December 31, 2020 by Method

	Observed	Expected	Rate Ratio	95% CI
Firearms				
March	265	262	1.01	0.90–1.14
April	254	259	0.98	0.87–1.11
May	250	249	1.00	0.89–1.13
June	273	240	1.14	1.01–1.28
July	308	239	1.29	1.15–1.44
August	285	245	1.16	1.03–1.30
September	323	252	1.28	1.15–1.43
October	330	253	1.30	1.17–1.45
November	274	246	1.11	0.99–1.25
December	281	240	1.17	1.04–1.32
Hanging or suffocation				
March	186	198	0.94	0.81–1.09
April	176	201	0.88	0.76–1.02
May	167	198	0.84	0.73–0.98
June	181	192	0.94	0.81–1.09
July	177	190	0.93	0.80–1.08
August	196	195	1.00	0.87–1.15
September	212	203	1.05	0.91–1.20
October	224	205	1.10	0.96–1.25
November	205	197	1.04	0.91–1.19
December	157	186	0.84	0.72–0.98
Poisoning				
March	60	48	1.25	0.97–1.62
April	37	48	0.78	0.56–1.07
May	36	46	0.79	0.57–1.09
June	41	43	0.94	0.69–1.28
July	46	43	1.08	0.81–1.44
August	40	43	0.94	0.69–1.28
September	47	43	1.10	0.83–1.46
October	40	42	0.95	0.70–1.30
November	35	41	0.85	0.61–1.18
December	32	41	0.77	0.55–1.09
Other				
March	34	48	0.71	0.51–1.00
April	50	49	1.02	0.77–1.34
May	42	47	0.89	0.66–1.21
June	24	45	0.54	0.36–0.80
July	40	45	0.89	0.65–1.21
August	60	48	1.25	0.97–1.61
September	51	51	1.01	0.77–1.33
October	42	49	0.85	0.63–1.15
November	47	45	1.04	0.78–1.38
December	40	42	0.96	0.70–1.31

Observed and expected rates are reported for the COVID-19 period, however expected rates were modeled from the trend in monthly suicide deaths before COVID-19 (January 1, 2015–February 29, 2020).