

Online Supplement

Figures S1 a-c. Rates per 1,000 ED encounters for COVID-like symptoms, influenza diagnoses, and non-influenza ILI by state (CA, TX, FL) and by flu season (2015-2020).

Figures S2 a-c. Rates per 1,000 ED encounters for shortness of breath, cough, and fever (CA, TX, FL) (2015-2020).

Table S1. Demographic characteristics of VA patients visiting ED from October 1, 2015 – September 30, 2020 by state and season.

Table S2. Demographic characteristics of VA patients visiting ED for CLS from October 1, 2015 – September 30, 2020 by state and season.

Figures S1 a-e. Rates per 1,000 ED encounters for COVID-like symptoms, influenza diagnoses, and non-influenza ILI by state (CA, TX, FL) and by flu season (2015-2020).

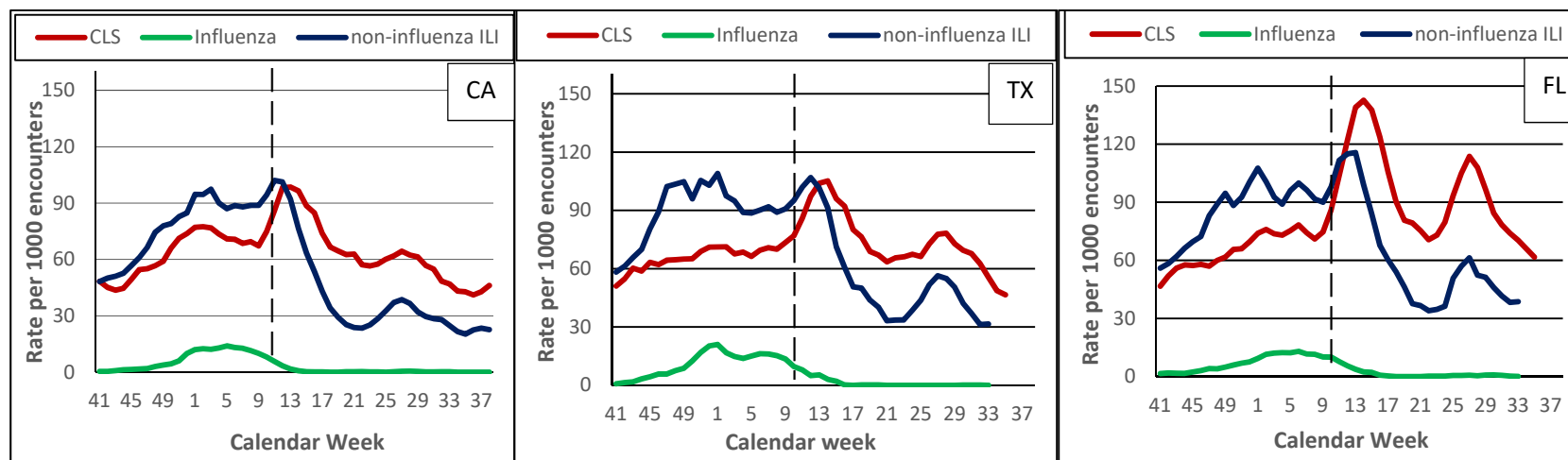


Figure S1 a. 2019-2020

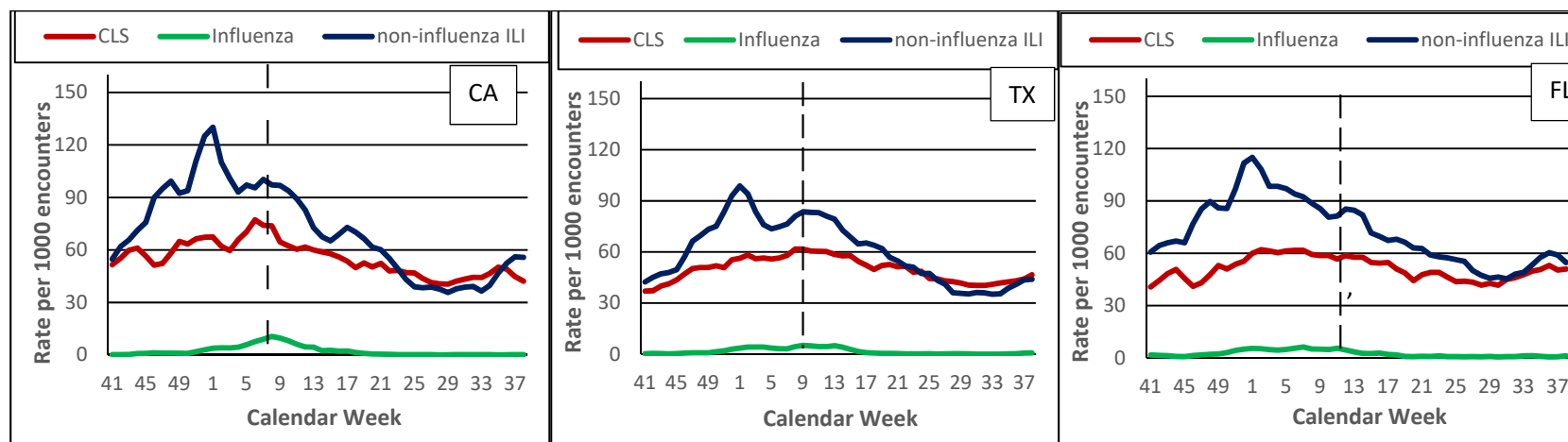


Figure S1 b. 2018-2019

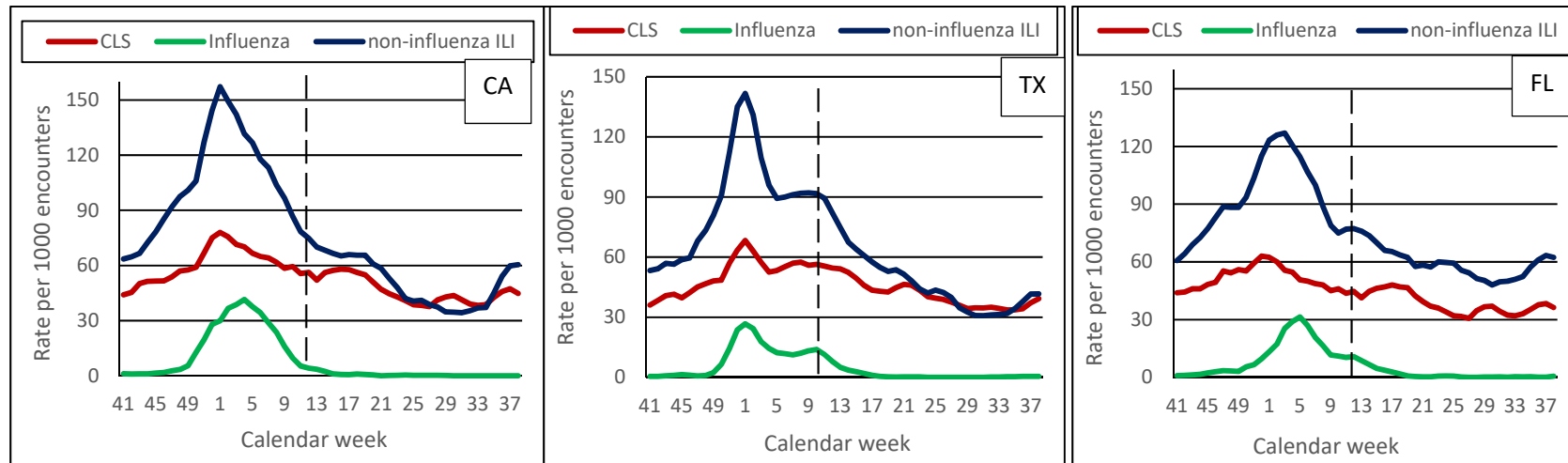


Figure S1 c. 2017-2018

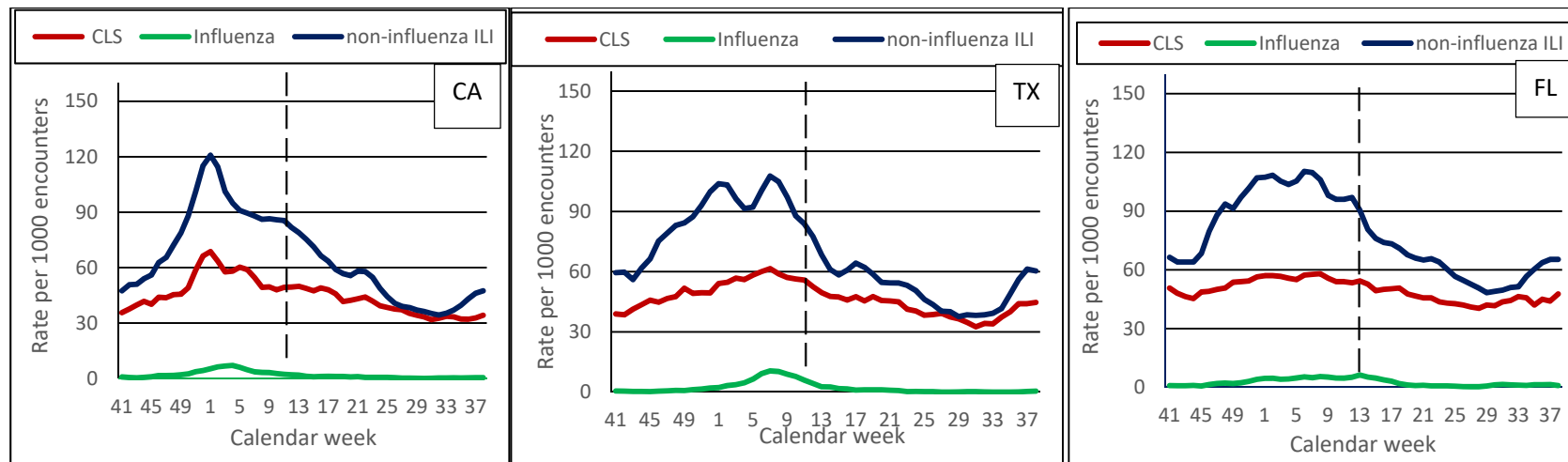


Figure S1 d. 2016-2017

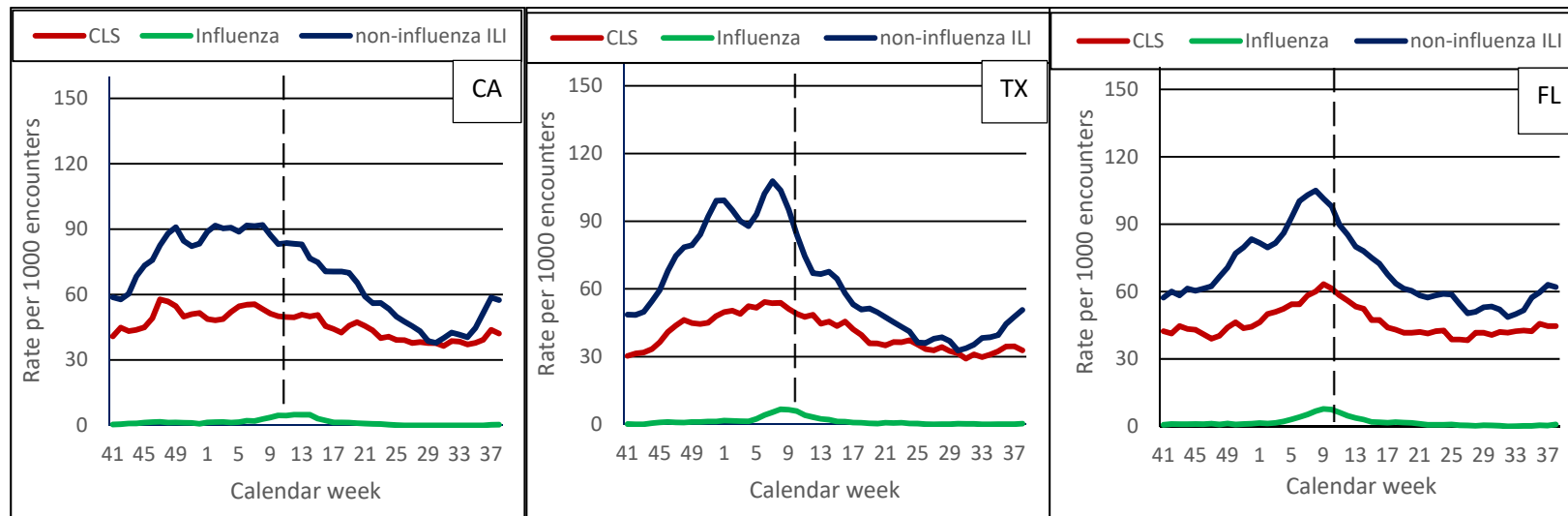


Figure S1 e. 2015-2016

Figures S2 a-c. Rates per 1,000 ED encounters for shortness of breath, cough, and fever (CA, TX, FL) (2015-2020).

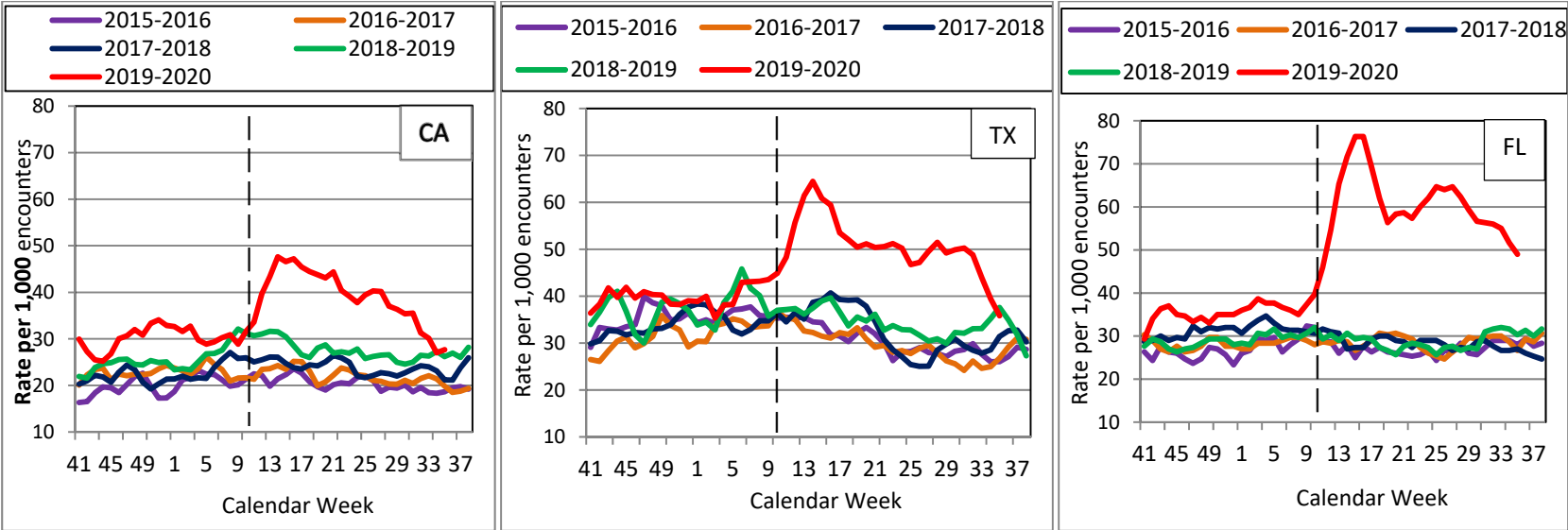


Figure S2 a. Shortness of breath

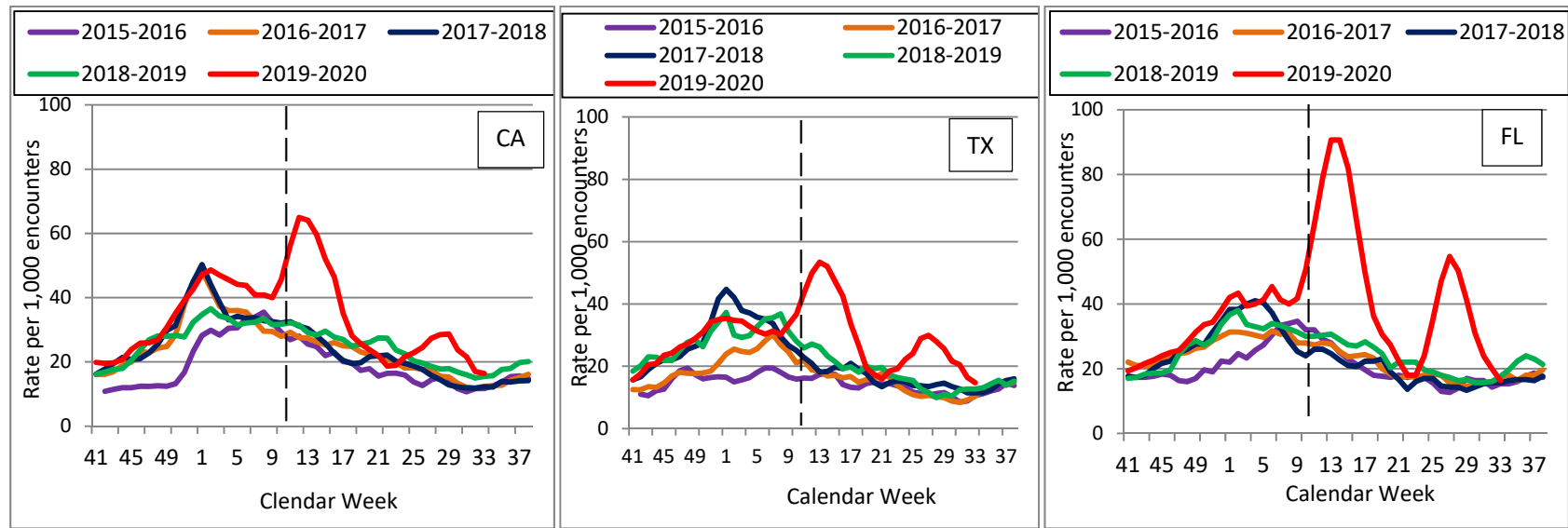


Figure S2 b. cough

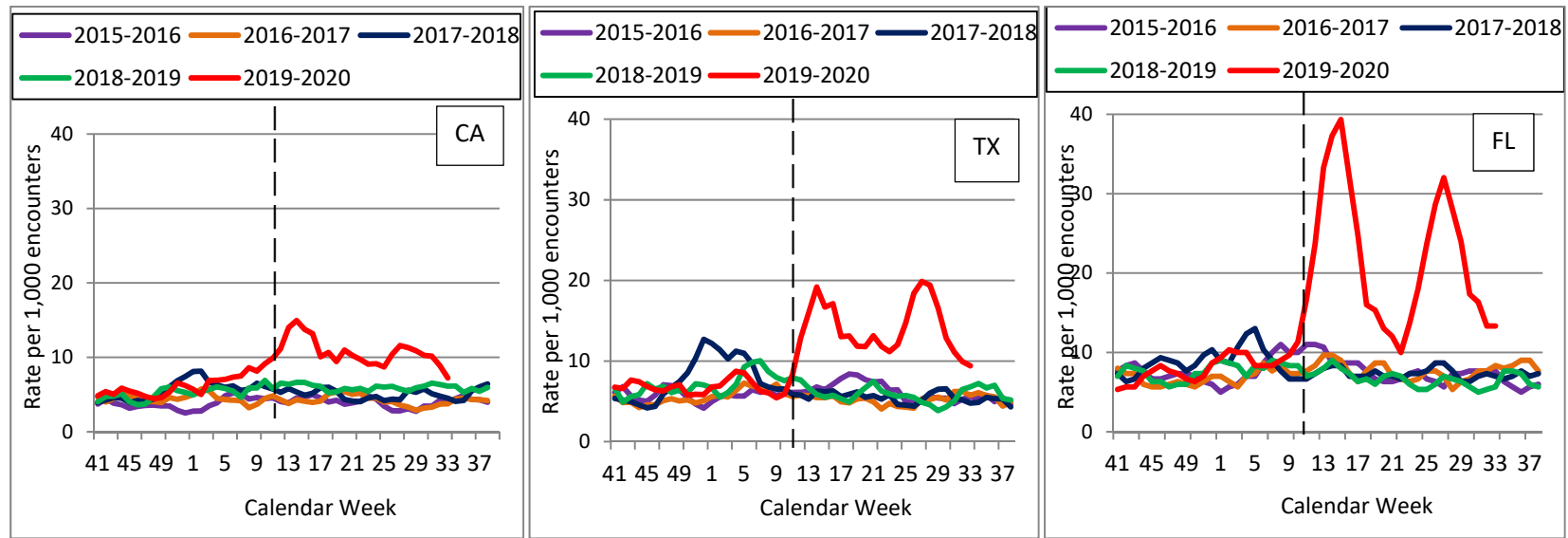


Figure S2 c. fever

Table S1. Demographic characteristics of VA patients visiting ED from October 1, 2015 – September 30, 2020 by state and season.

All ED visits	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Number of patients*					
California	107,998 (21%)	111,611 (21%)	110,850 (21%)	103,842 (20%)	85,725 (17%)
Texas	80,979 (21%)	84,030 (21%)	82,382 (21%)	79,512 (20%)	65,541 (17%)
Florida	94,180 (20%)	98,141 (21%)	98,357 (21%)	97,491 (21%)	79,459 (17%)
Gender Male (%)					
California	97,118 (90%)	100,139 (90%)	99,243 (90 %)	93,194 (90%)	76,962 (90%)
Texas	69,719 (86%)	72,085 (86%)	70,136 (85%)	67,630 (85%)	55,728 (85%)
Florida	83,515 (89%)	86,703 (88%)	86,789 (88%)	85,831 (88%)	69,901 (88%)
Marital status					
Married					
California	40,117 (37%)	41,520 (37%)	41,335 (38%)	39,255 (39%)	32,322 (38%)
Texas	42,278 (45%)	44,670 (46%)	45,397 (46%)	45,024 (46%)	36,748 (46%)
Florida	42,278 (45%)	44,670 (46%)	45,397 (46%)	45,024 (46%)	36,748 (46%)
Divorced/Separated/ Widowed					
California	42,279 (39%)	42,652 (38%)	41,666 (38%)	38864 (37%)	31,650 (37%)
Texas	32,114 (40%)	33,067 (40%)	31,494 (38%)	30,102 (38%)	24,736 (38%)
Florida	35,713 (38%)	36,378 (37%)	35,863 (36%)	34856 (36%)	28,157 (35%)
Single/Never Married					
California	24,725 (23%)	26,196 (23%)	26,378 (23%)	24,580 (24%)	20,444 (24%)
Texas	12,316 (15%)	12,816 (15%)	12,887 (16%)	12,592 (16%)	10,212 (16%)
Florida	15,608 (17%)	16,339 (17%)	16,326 (17%)	16,770 (17%)	13,833 (17%)
Unknown/Missing					
California	876 (1%)	1,242 (1%)	1,469 (1%)	1,143 (1%)	1309 (1%)
Texas	633 (1%)	747 (1%)	696 (1%)	627 (1%)	620 (1%)
Florida	581 (0.6%)	754 (0.8%)	771 (0.8%)	841 (0.9%)	721 (0.9%)
Race:					
White					
California	57,667 (53%)	58,596 (53%)	57,603 (52%)	53,615 (52%)	43,043 (50%)
Texas	38,422 (48%)	39,518 (47%)	37,791 (46%)	35,767 (45%)	28,687 (44%)
Florida	60,028 (63%)	61,620 (63%)	60,040 (61%)	58,986 (61%)	47,232 (60%)
African American					
California	19,841 (18%)	20,781 (19%)	20,665 (19%)	19,839 (19%)	16,491 (19%)
Texas	24,134 (30%)	25,415 (30%)	25,832 (32%)	25,465 (32%)	21,385 (33%)
Florida	18,989 (20%)	19,594 (20%)	20,093 (20%)	20,361 (21%)	17,086 (22%)
Latino					
California	14,418 (14%)	15,013 (13%)	15,016 (14%)	14,557 (14%)	12,546 (15%)
Texas	10,802 (13%)	11,231 (13%)	11,305 (14%)	11,123 (14%)	9,437 (14%)

All ED visits	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Florida	8,597 (9%)	10,005 (10%)	11,176 (11%)	11,155 (11%)	9,205 (12%)
Asian					
California	4,069 (2%)	4,265 (4%)	4,461 (4%)	4,278 (4%)	3,595 (4%)
Texas	448 (0.5%)	497 (1%)	515 (1%)	507 (1%)	436 (1%)
Florida	318 (0.3%)	331 (0.3%)	407 (0.4%)	410 (0.4%)	385 (0.5%)
Native American/Hawaiian					
California	3,025 (3%)	3,164 (3%)	3,245 (3%)	3,072 (3%)	2,600 (3%)
Texas	1,399 (2%)	1,496 (2%)	1,472 (2%)	1,446 (2%)	1,204 (2%)
Florida	1,274 (1%)	1,410 (1%)	1,459 (1%)	1,415 (1%)	1,206 (1.5%)
Unknown/Missing					
California	8,978 (8%)	9,791 (9%)	9,855 (9%)	8481 (8%)	7,450 (9%)
Texas	5,774 (7%)	58,73 (7%)	5467 (7%)	5,204 (7%)	4392 (7%)
Florida	4,974 (5%)	5,181 (5%)	51,83 (5%)	5,164 (5%)	4,345 (5%)
Mean age					
California	58	59	59	60	60
Texas	56	56	57	57	58
Florida	60	60	60	60	61
Number of ED visits per patient per year					
California	2.0	2.0	2.0	2.0	2.0
Texas	1.9	1.9	1.9	1.9	1.9
Florida	1.9	1.9	2	2	1.9
Number of weeks visited per year					
California	1.9	1.9	1.9	1.9	1.8
Texas	1.8	1.8	1.8	1.8	1.8
Florida	1.8	1.9	1.8	1.9	1.8

* Percent of 5-year total, the rest of percentages are from the season total.

Table S2. Demographic characteristics of VA patients visiting ED for CLS from October 1, 2015 – September 30, 2020 by state and season.

COVID-like symptoms	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Number of patients*					
California	7,426 (7%)	8,476 (8%)	8,668 (8%)	8,888 (8.5%)	8,974 (10%)
Texas	5,809 (7%)	6,223 (7%)	6,948 (8%)	7,096 (9%)	6,937 (11%)
Florida	7,252 (7%)	8,200 (8%)	8,248 (8%)	8439 (9%)	10,082 (13%)
Gender Male (%)					
California	6,684 (90%)	7,650 (90%)	7,831 (90%)	8,058 (91%)	8,081 (90%)
Texas	5,163 (88%)	5,501 (88%)	6,070 (87%)	6,239 (88%)	5,992 (86%)
Florida	6471 (89%)	7,362 (90%)	7,418 (90%)	7,587 (90%)	8,941 (89%)
Marital status Married					
California	3,053 (41%)	3,484 (41%)	3,542 (41%)	3,575 (40%)	3,524 (39%)
Texas	2,765 (48%)	2,951 (47%)	3,266 (47%)	3,245 (46%)	3,317 (48%)
Florida	3,624 (50%)	4,079 (50%)	4,135 (50%)	4,313 (51%)	4,907 (49%)
Divorced/Separated/Widowed					
California	2,943 (40%)	3,278 (39%)	3,326 (39%)	3,447 (39%)	3,339 (37%)
Texas	2,386 (41%)	2518 (41%)	2805 (41%)	2901 (41%)	2665 (38%)
Florida	2,727 (37%)	3,068 (37%)	3,044 (37%)	2,992 (35%)	3630 (36%)
Single/Never Married					
California	1,400 (19%)	1,655 (20%)	1,750 (20%)	1,815 (20%)	2,014 (22%)
Texas	641 (11%)	727 (12%)	849 (12%)	927 (13%)	917 (13%)
Florida	879 (12%)	1,023 (12%)	1,033 (13%)	1,103 (13%)	1,497 (15%)
Unknown/Missing					
California	30 (0.4%)	59 (0.7%)	50 (0.6%)	51 (0.6%)	97 (1%)
Texas	17 (0.3%)	27 (0.4%)	26 (0.4%)	23 (0.3%)	38 (1%)
Florida	22 (0.3%)	30 (0.3%)	26 (0.3%)	31 (0.4%)	48 (0.5%)
Race: White					
California	4,002 (54%)	4,575 (54%)	4,594 (53%)	4,695 (53%)	4,469 (50%)
Texas	2,963 (51%)	3,127 (50%)	3,342 (48%)	3,330 (47%)	3,101 (45%)
Florida	4,841 (67%)	5,367 (65%)	5,351 (65%)	5,425 (64%)	6,116 (61%)
African American					
California	1,495 (20%)	1,662 (20%)	1,670 (19%)	1,794 (20%)	1,745 (19%)
Texas	1,869 (32%)	1,937 (31%)	2093 (30%)	2,295 (32%)	2,312 (33%)
Florida	1,356 (19%)	1,523 (19%)	1,546 (19%)	1,681 (20%)	2,150 (21%)
Latino					
California	863 (12%)	958 (11%)	1,011 (12%)	1,039 (12%)	1,274 (14%)
Texas	570 (10%)	643 (10%)	907 (13%)	872 (12%)	933 (13%)

COVID-like symptoms	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Florida	585 (8%)	792 (10%)	846 (10%)	794 (9%)	1,147 (11%)
Asian					
California	314 (4%)	385 (5%)	415 (5%)	396 (4%)	439 (5%)
Texas	18 (0.3%)	32 (0.5%)	38 (0.5%)	37 (0.5%)	36 (0.5%)
Florida	23 (0.3%)	19 (0.2%)	21 (0.3%)	24 (0.3%)	45 (0.5%)
Native American/Hawaiian					
California	216 (3%)	227 (3%)	270 (3%)	249 (3%)	277 (3%)
Texas	77 (1%)	110 (2%)	115 (2%)	138 (2%)	148 (2%)
Florida	92 (1%)	121 (1%)	99 (1%)	108 (1%)	145 (1%)
Unknow/Missing					
California	536 (7%)	669 (8%)	708 (8%)	715 (8%)	770 (9%)
Texas	312 (5%)	374 (6%)	453 (7%)	424 (6%)	407 (6%)
Florida	355 (5%)	378 (5%)	385 (5%)	407 (5%)	479 (5%)
Mean age					
California	63	63	64	64	63
Texas	63	63	62	63	62
Florida	63	63	62	63	62
Number of visits per patient per year					
California	1.2	1.2	1.2	1.2	1.2
Texas	1.2	1.2	1.2	1.2	1.2
Florida	1.2	1.2	1.2	1.2	1.2

* % are from season total listed in Table1; all the other percentages are from COVID-like symptoms season total.