COVID-19 Tracking May 26, 2021

• Cases Global: Declining

Cases US: US, California, SC & SM counties all declining

• Hospitalizations: Declining US, California, SC & SM counties

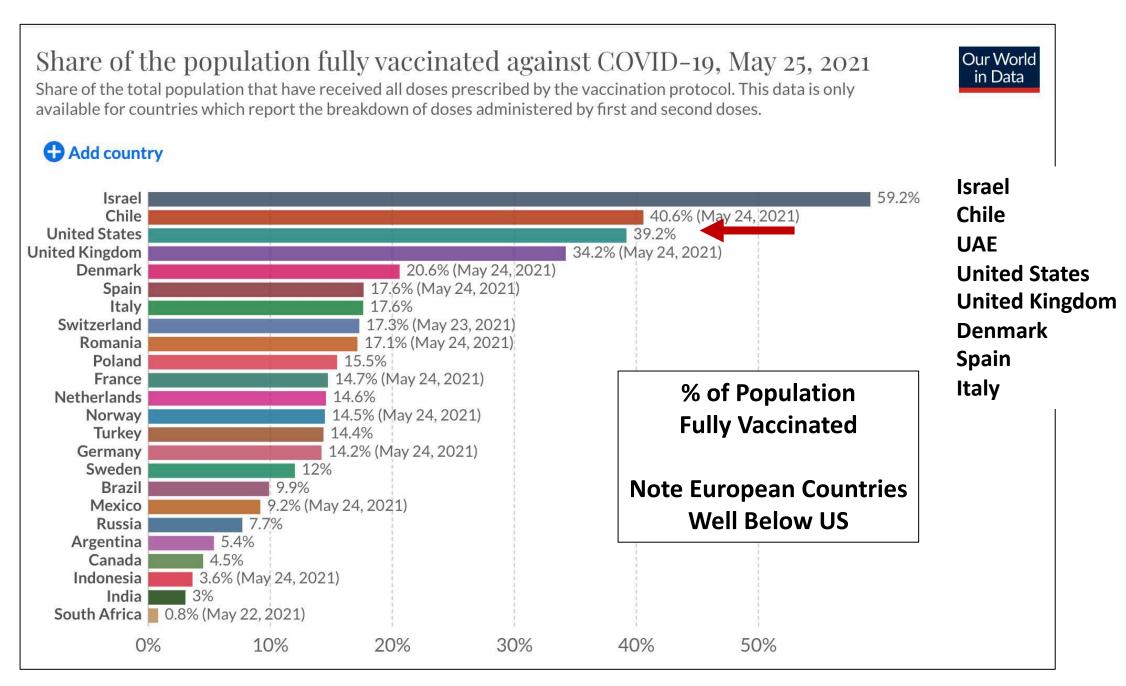
Vaccination: US >age 18 reached 50%; US & California declining rates,

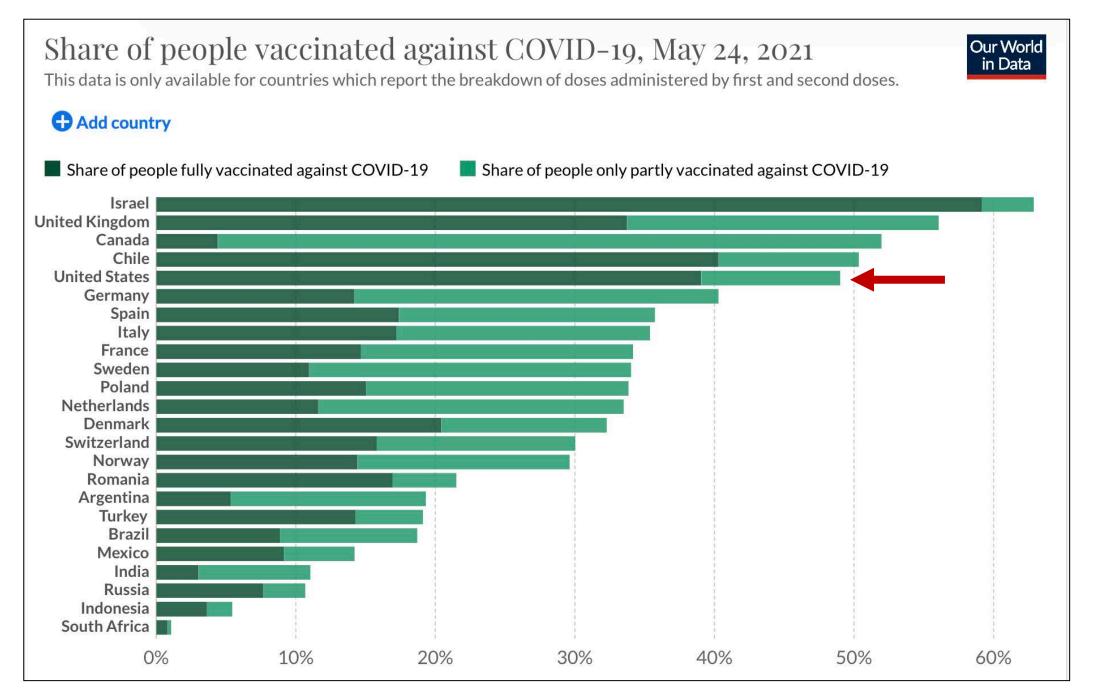
• Re-Opening:
No change in Bay Area State Tiers



COVID-19 Vaccination







Vaccination Tracking



US Population 328 million

People Vaccinated	At Least One Dose	Fully Vaccinated
Total	164,378,258	131,078,608
% of Total Population	49.5%	39.5%
Population ≥ 12 Years of Age	164,272,277	131,070,055
% of Population ≥ 12 Years of Age	58.6%	46.8%
Population ≥ 18 Years of Age	158,954,785	129,054,480
% of Population ≥ 18 Years of Age	61.6%	50%
Population ≥ 65 Years of Age	46,674,798	40,443,453
% of Population ≥ 65 Years of Age	85.3%	73.9%





Age > 12

> Age 18
Age > 18
Fully
Vaccinated

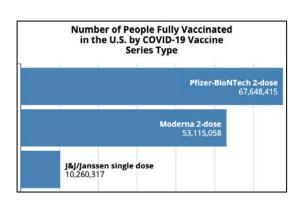
Age > 65

Total Vaccine Doses

Delivered 359,004,955

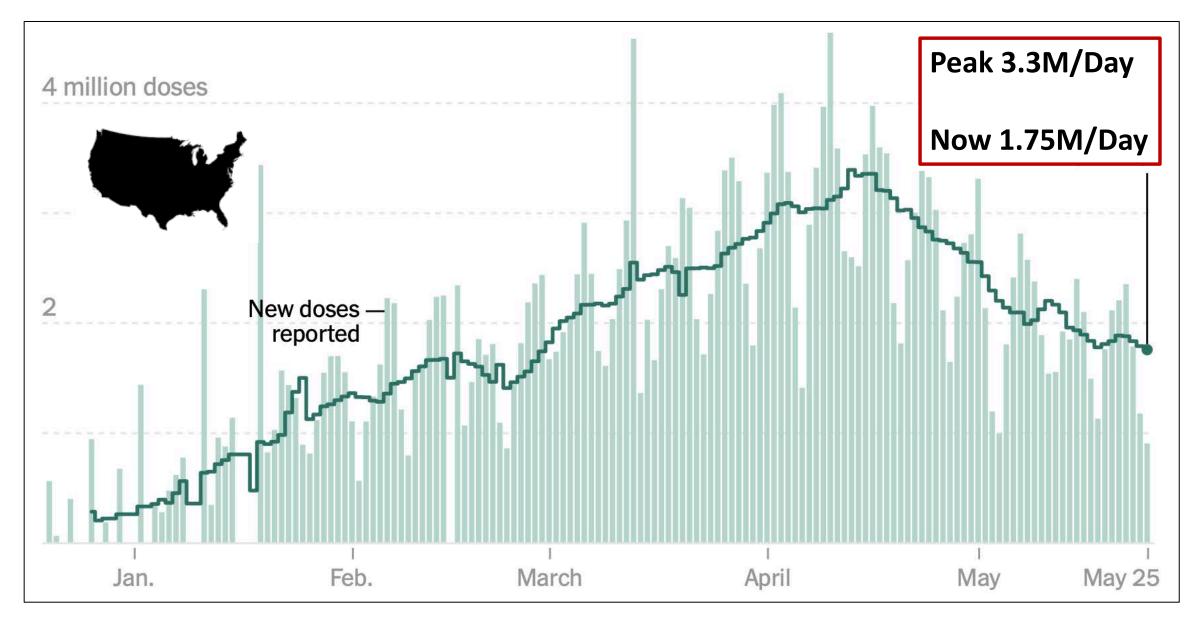
Administered 287,788,872

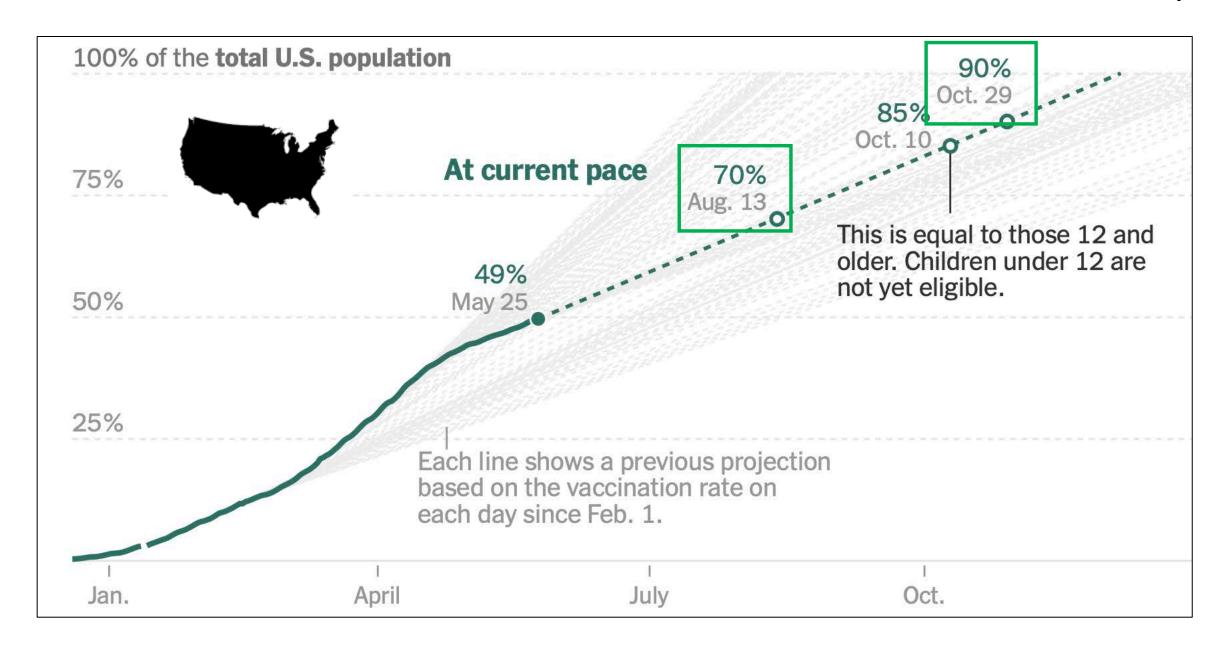


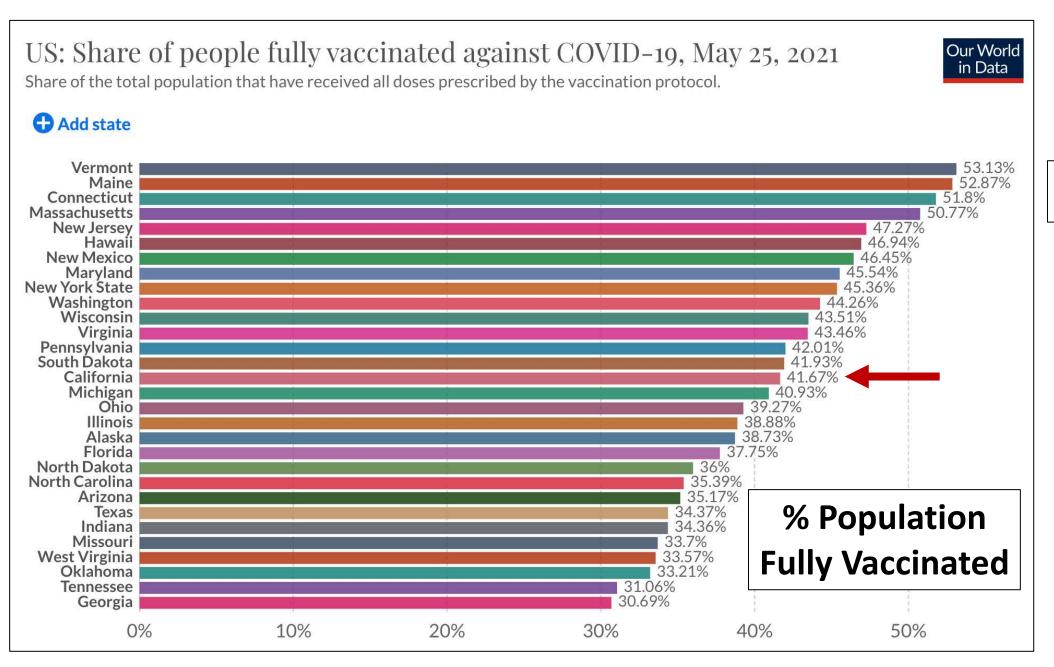


50%

Administered 1.77 M Average Doses/Day Over the Last Week

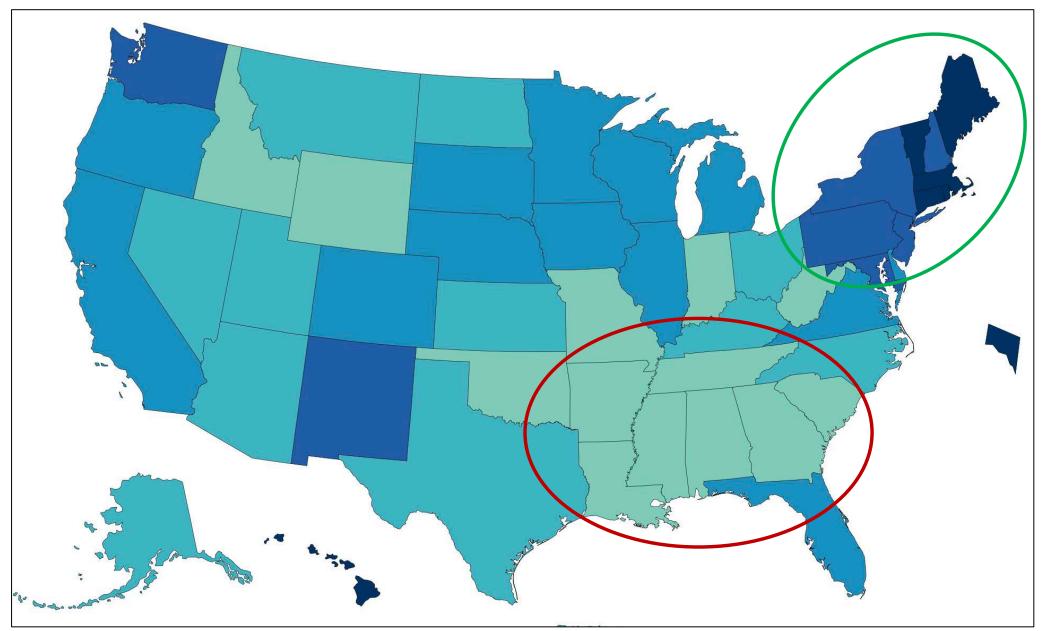






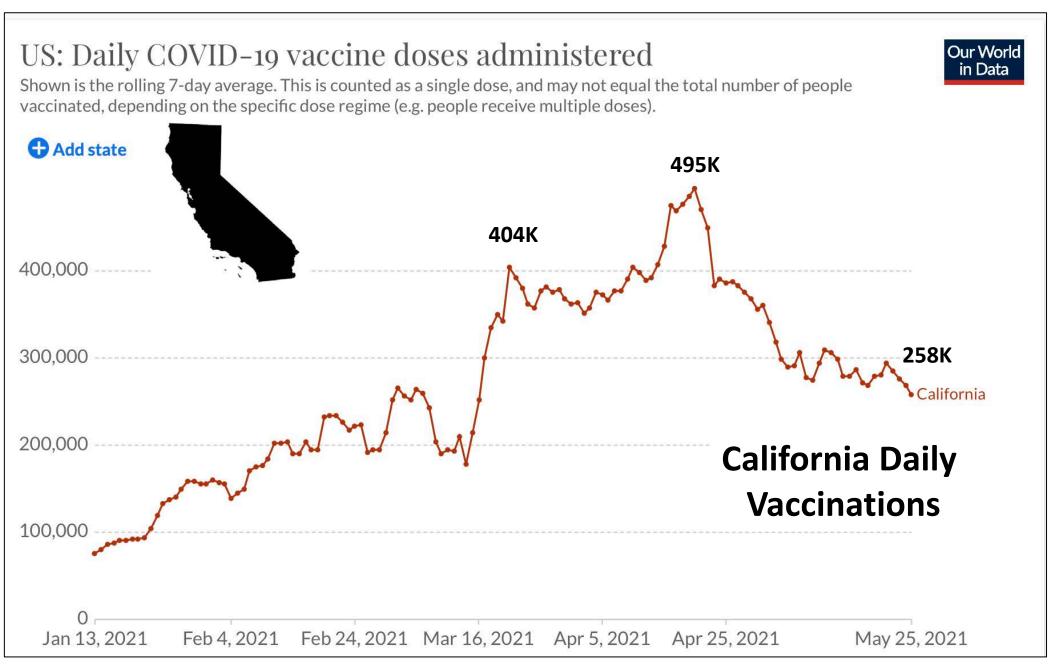
New England States Lead

Fully Vaccinated May 25



https://covid.cdc.gov/covid-data-tracker/#vaccinations

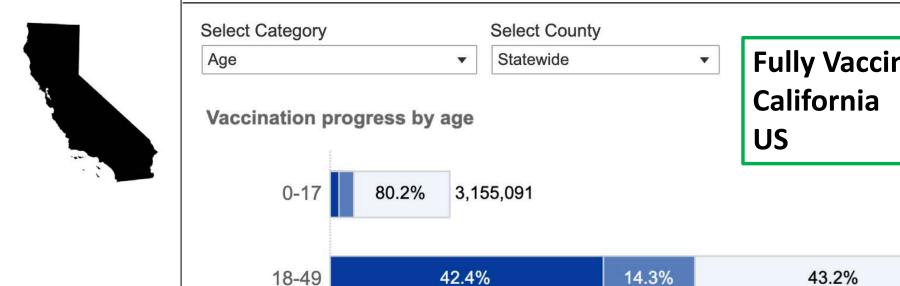
https://www.nytimes.com/interactive/2020/us/covid-19-vaccine-doses.html



Peak
3.5M/Week
(April 20)

Now
1.8 M/Week
(May 26)

Statewide Doses Administered by County of Residence County 16,778,072 (49.4%) People fully vaccinated Los Angeles 9,254,156 4,444,017 (13.1%) People partially vaccinated (All) 3,309,131 San Diego 3,038,516 Orange 36,511,557 (80.5%) Doses administered Santa Clara 2,269,173 221,221 Average doses per day 1,842,905 Alameda Riverside 1,781,610 San Bernardino 1,455,398 6,746,824 Doses on hand Sacramento 1,289,287 (30 days of inventory) 1,283,461 Contra Costa San Francisco 1,078,495 San Mateo 903,272 **45,372,990** *Doses Delivered* 810,004 Ventura 10,725,490 CDC Pharmacy Doses Delivered 731,504 Fresno Kern 546,864 San Joaquin 540,928 49.4% Fully Vaccinated 539,772 Sonoma Santa Barbara 419,193 13.1% Partially Vaccinated Stanislaus 389,201 Monterey 387,775 **62.5% Total** Solano 386,415



59.2%

63.6%

Fully vaccinated

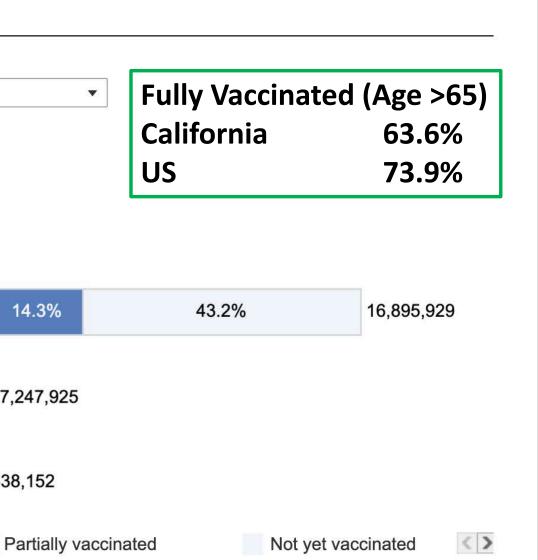
26.7% 7,247,925

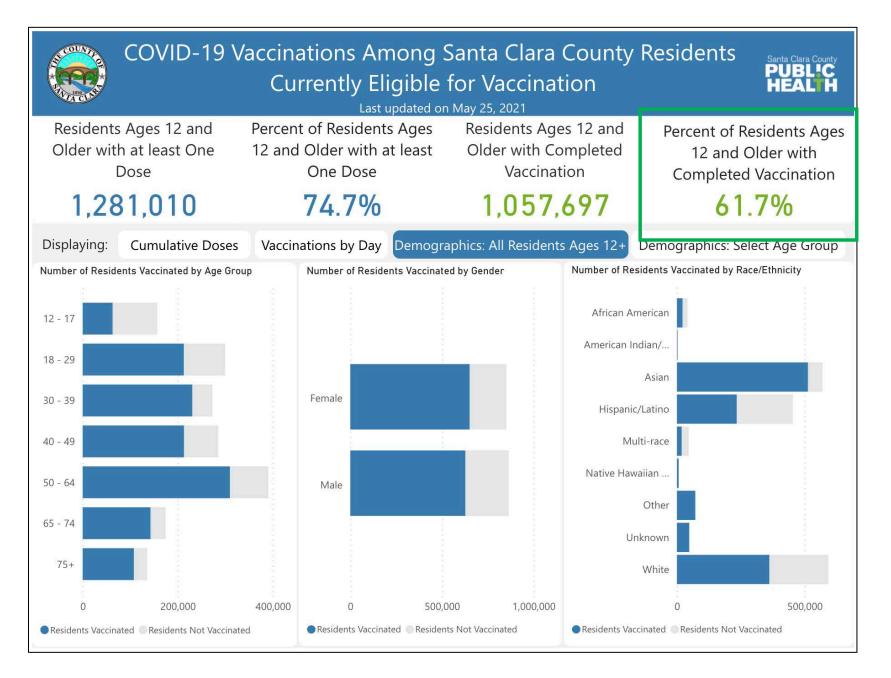
23.8% 6,638,152

Vaccinated Status by Group

50-64

65+

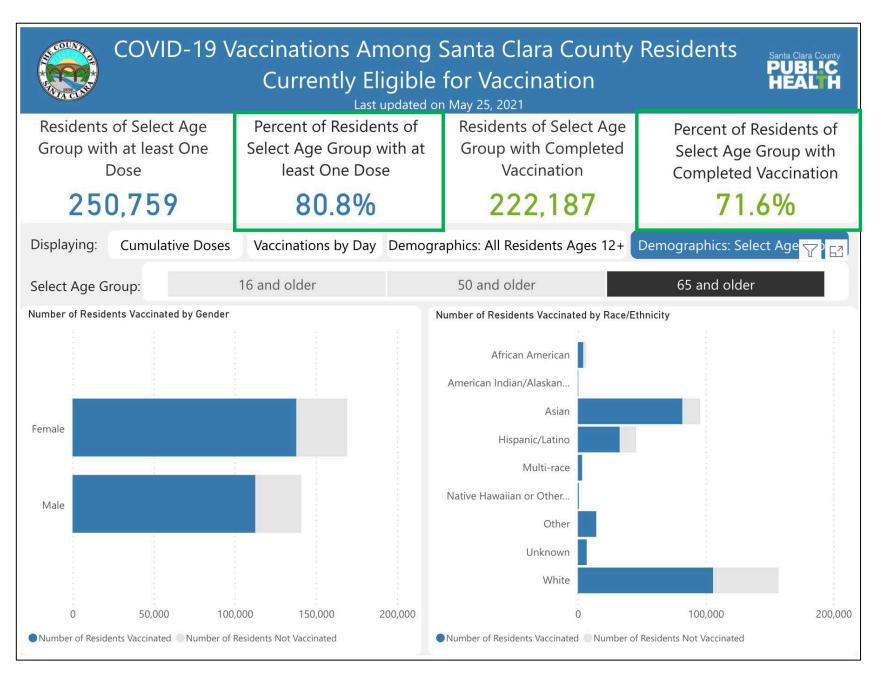




Fully Vaccinated % of Population >Age 12

Santa Clara County 61.7%

United States 46.8%

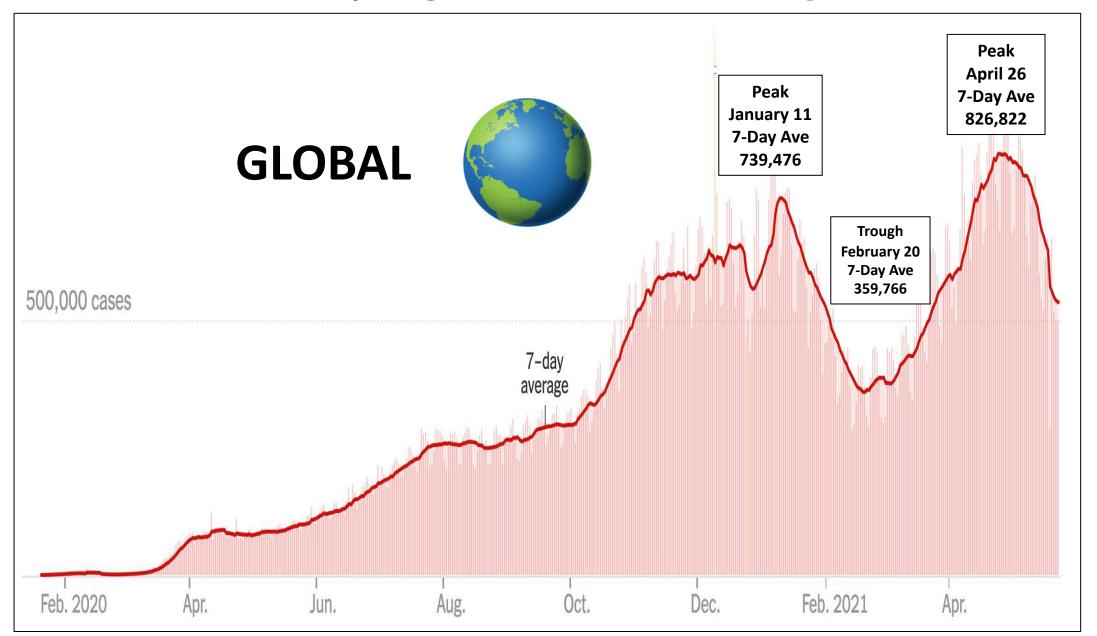


Fraction Age >65 **Fully Vaccinated Santa Clara County** 71.6% **United States** 73.9% California 63.6%

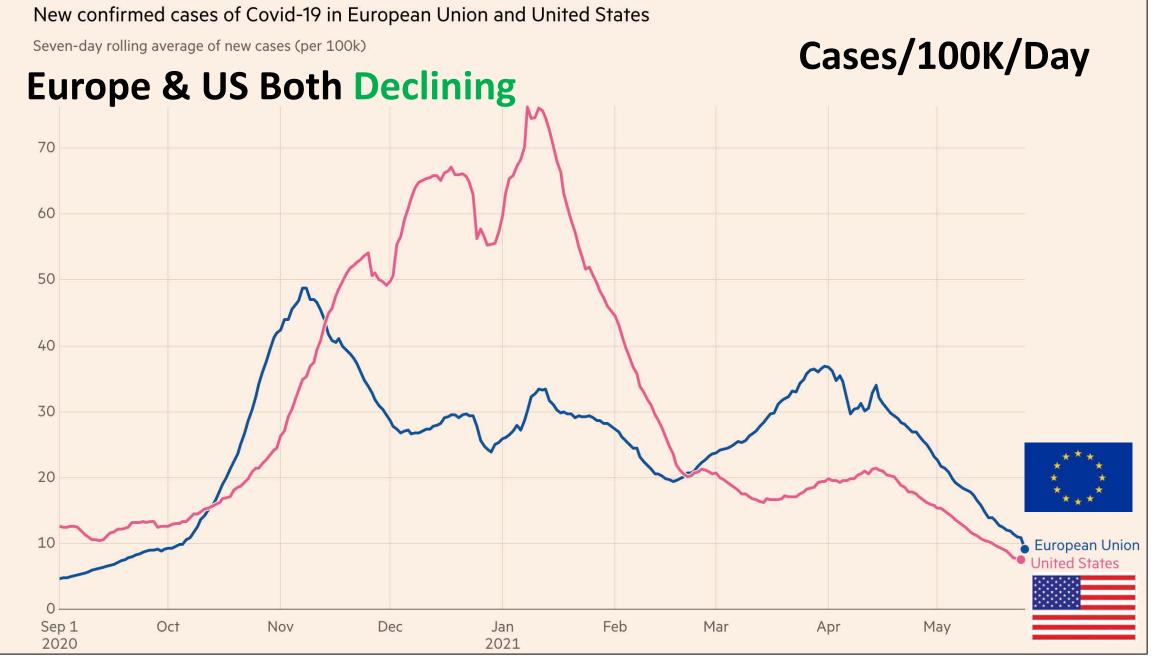
COVID-19 Cases: Global



Worldwide New Cases/Day - Highest in Pandemic - Declining



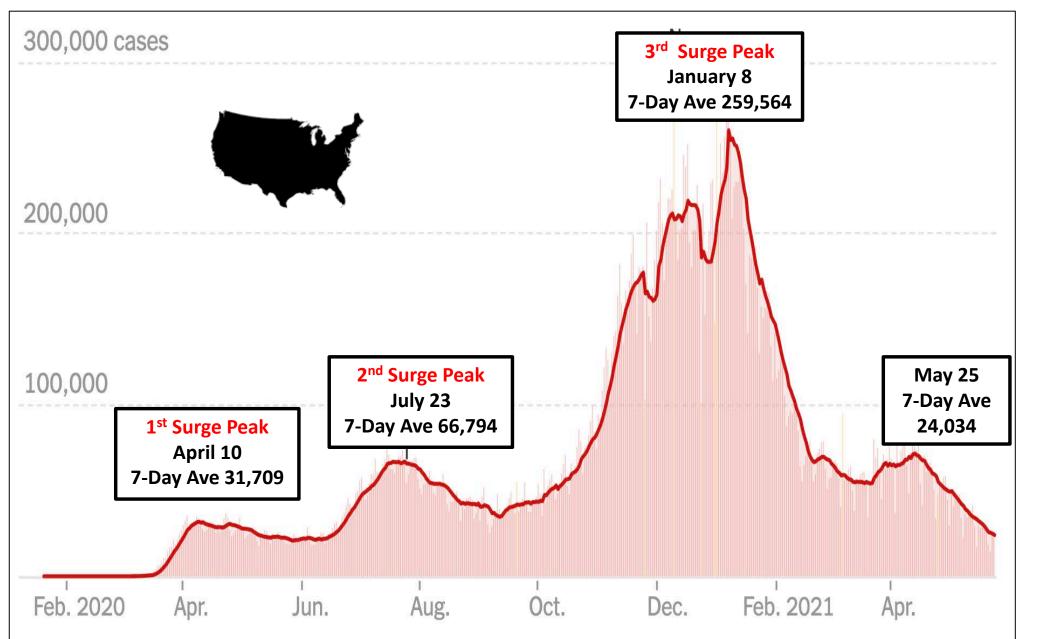
May 25 7-Day Ave 535,200



COVID-19 Cases National



United States COVID-19 Cases/Day – Declining

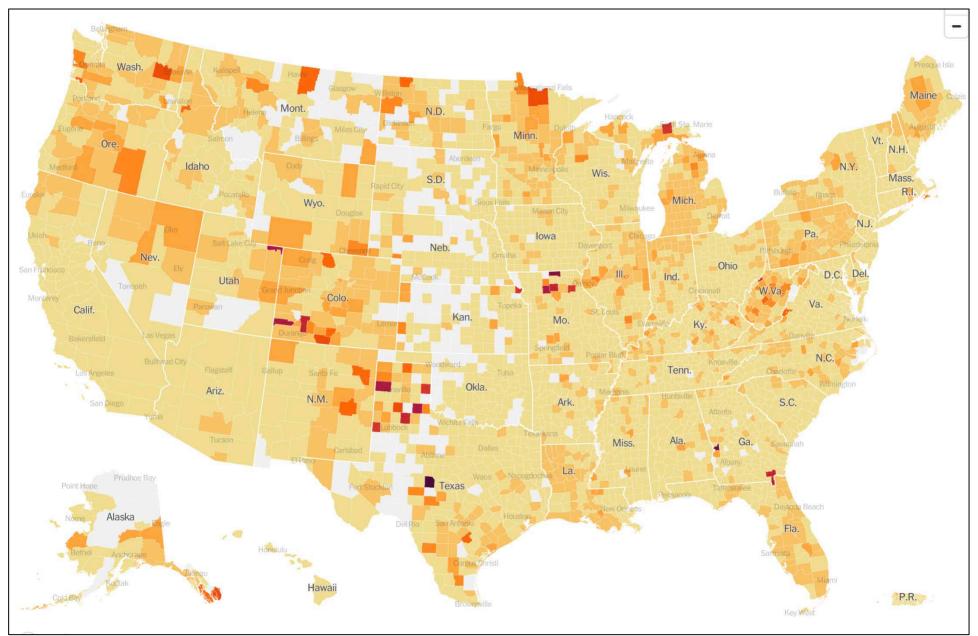


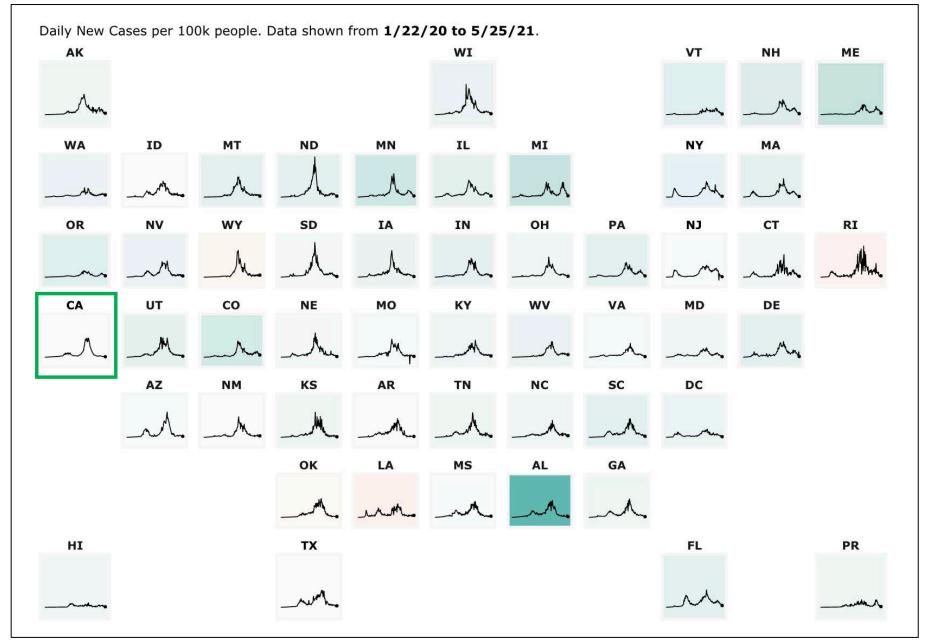
US Cases Per Month

April	1,894,551
March	1,926,761
February	2,386,293
January	6,189,161
December	<mark>6,558,883</mark>
November	4,626,858
October	1,981,845
September	1,229,748
August	1,511,191
July	2,030,649
June	742,977

US Cases Cumulative

May 1	33,154,309
April 1	31,259,758
March 1	29,332,997
February 1	26,946,704
January 1	20,757,543
December 1	14,198,660
November 1	9,571,802
October 1	7,589,957
September 1	6,360,209
August 1	4,849,018
July 1	2,818,369
June 1	1,897,438





COVID-19 Cases California







California Cases – Declining

December 22, 2020 Peak 44,763/Day

October	+3,640	Day/Ave
November	+9,548	Day/Ave
December	+35,482	Day/Ave
January	+29,834	Day/Ave
February	+7,530	Day/Ave
March	+2,966	Day/Ave
April	+2,238	Day/ Ave
Last 5 Days	+1,164	Day/Ave

Cases per Month		
Apr	<mark>67,152</mark>	
Mar	91,946	
Feb	210,841	
Jan.	924,861	
Dec	1,099,961	
Nov	286,434	
Oct	112,847	
Sept	105,890	
August	185,636	
July	268,967	
June	124,885	
May	64,888	
April	42,267	
March	8,150	
February	5	

Total Cases		
May 1	3,640,226	
Apr 1	3,573,074	
Mar 1	3,481,611	
Feb 1	3,270,770	
Jan 1	2,345,909	
Dec 1	1,245,948	
Nov 1	926,534	
Oct 1	813,687	
Sept 1	707,797	
Aug 1	509,162	
July 1	240,195	
June 1	115,310	
May 1	50,142	
April 1	8,155	
Mar 1	5	

May 25	3,674,662	+618
May 24	3,674,044	+1,081
May 23	3,672,963	+1,308
May 22	3,671,655	+1,186
May 21	3,670,469	+1,627
May 20	3,668,842	+1,292
May 19	3,667,550	+959
May 18	3,666,591	<mark>+687</mark>
May 17	3,665,904	<mark>+995</mark>
May 16	3,664,909	+1,370
May 15	3,663,539	+1,864
May 14	3,661,675	+2,034
May 13	3,659,641	+1,442
May 12	3,658,198	+1,231
May 11	3,656,967	+1,045
May 10	3,655,922	+1,377
May 9	3,654,545	+1,853
May 8	3,652,692	+1,945
May 7	3,650,747	+2,471
May 6	3,648,276	+1,547
May 5	3,646,729	+1,388
May 4	3,645,341	+1,349



Santa Clara County Cases – Declining

January 11, 2021 Peak 1,457/Day

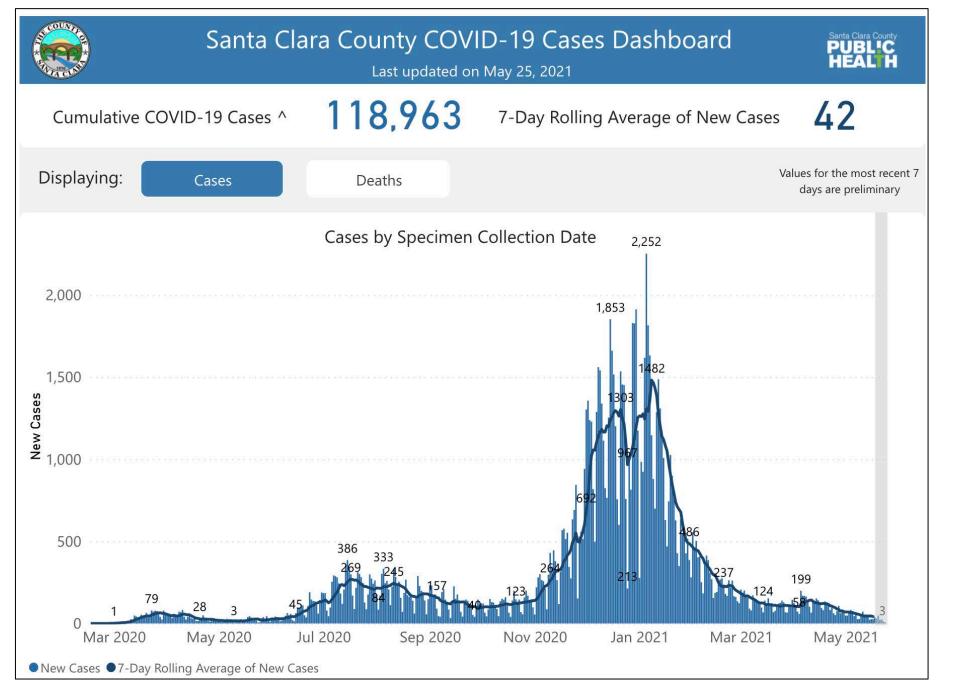
December	+ <mark>1,227</mark> Day Ave
January	+947 Day Ave
February	+288 Day Ave
March	+122 Day Ave
April	+100 Day Ave
Last 5 Days	<mark>+33</mark> Day Ave

Cases/Month		
Apr	<mark>2,989</mark>	
Mar	3,941	
Feb	8,075	
Jan	29,343	
Dec	<mark>38,036</mark>	
Nov	9,946	
Oct	3,529	
Sept	3,992	
August	7,144	
July	5,749	
June	1,767	
May	626	
April	1,223	
March	887	

Total Cases		
5/1	117,841	
4/1	114,852	
3/1	110,911	
2/1	102,836	
1/1	73,493	
12/1	35,457	
11/1	25,139	
10/1	21,457	
9/1	17,465	
8/1	10,321	
7/1	4,572	
6/1	2,805	
5/1	2,179	
4/1	956	
3/1	79	

Santa Clara County Population 1.9M

COVID-19 Cases		
5/25	118,963	+38
5/24	118,925	+22
5/23	118,903	+37
5/22	118,866	+44
5/21	118,822	+26
5/20	118,796	+48
5/19	118,748	+38
5/18	118,710	+23
5/17	118,687	+16
5/16	118,671	<mark>+92</mark>
5/15	118,579	<mark>+134</mark>
5/14	118,445	+46
5/13	118,399	+7
5/12	118,392	+29
5/11	118,363	+57
5/10	118,306	+35
5/9	118,271	+27
5/8	118,244	+26
5/7	118,218	<mark>+53</mark>





San Mateo County Cases - Declining

January 17, 2021 Peak 470/Day

December	<mark>+315</mark> /Day Ave
January	<mark>+325</mark> /Day Ave
February	+100/Day Ave
March	+50/Day Ave
April	+38/Day Ave
Last 5 Days	<mark>+10</mark> /Day Ave

Cases/N	Month
April	1,146
March	1,597
Feb	2,813
Jan	10,082
Dec	9,777
Nov	3,358
Oct	1,328
Sept	1,815
August	2,628
July	2,307
June	1,188
May	956
April	914
March	<mark>307</mark>

Total	Cases
5/1	41,608
4/1	40,462
3/1	38,865
2/1	36,052
1/1	25,970
12/1	14,812
11/1	11,454
10/1	10,126
9/1	8,311
8/2	5,683
7/1	3,376
6/1	2,188
5/1	1,223
4/1	309
3/3	2

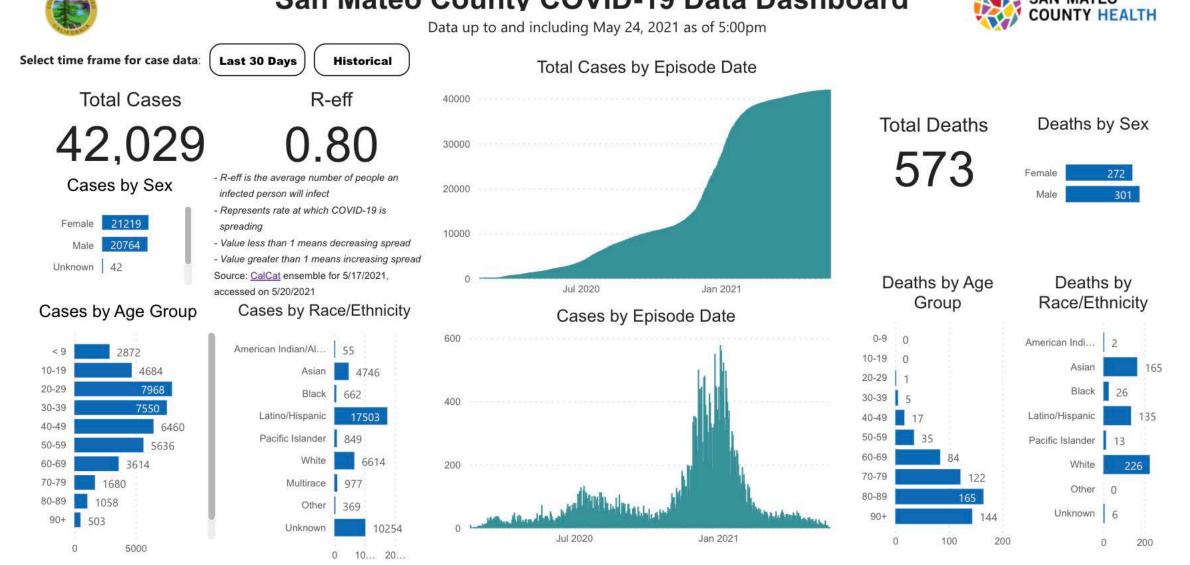
COVID-19 Cases		
5/23	42,029	+2
5/22	42,027	<mark>+4</mark>
5/21	42,023	<mark>+9</mark>
5/20	42,014	+15
5/19	41,999	+19
5/18	41,980	+19
5/17	41,961	+26
5/16	41,935	+12
5/15	41,923	+1
5/14	41,922	+13
5/13	41,909	+19
5/12	41,890	<mark>+2</mark>
5/11	41,888	+44
5/10	41,844	+1
5/9	41,843	+1
5/8	41,842	<mark>+9</mark>
5/7	41,833	+86
5/6	41,747	+57
5/5	41,690	+3
5/4	41,687	+54

Santa Mateo County Population 767K



San Mateo County COVID-19 Data Dashboard





Stanford COVID-19 Cases



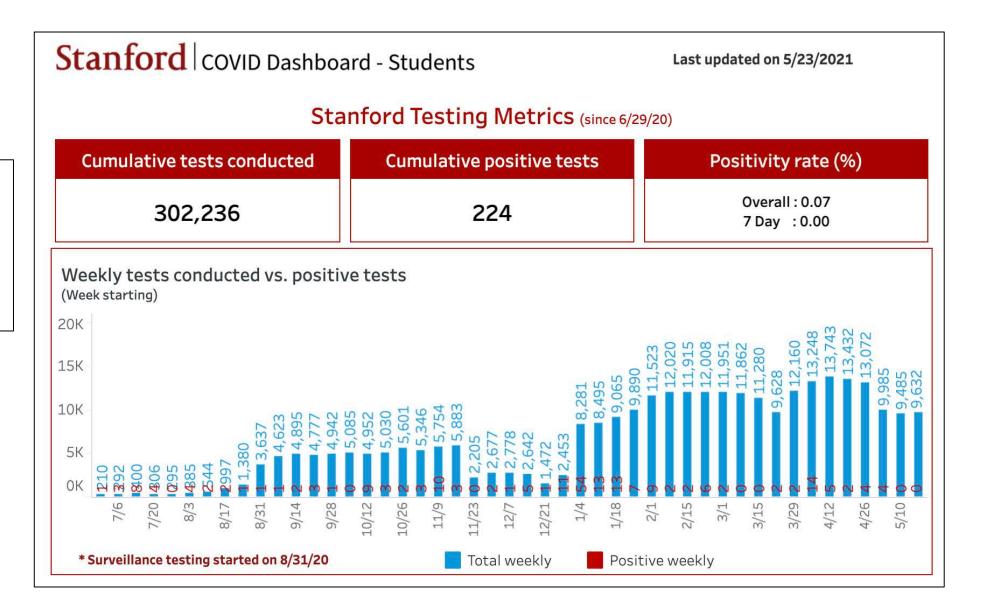
Stanford Students

5/23/2021

Cumulative 224 cases

0 Last Week

8 Last Month



Stanford Faculty, Post-docs, & Staff

5/23/2021

Cumulative 183 cases

0 Last Week

6 Last Month



Stanford Testing Metrics (since 6/29/20)

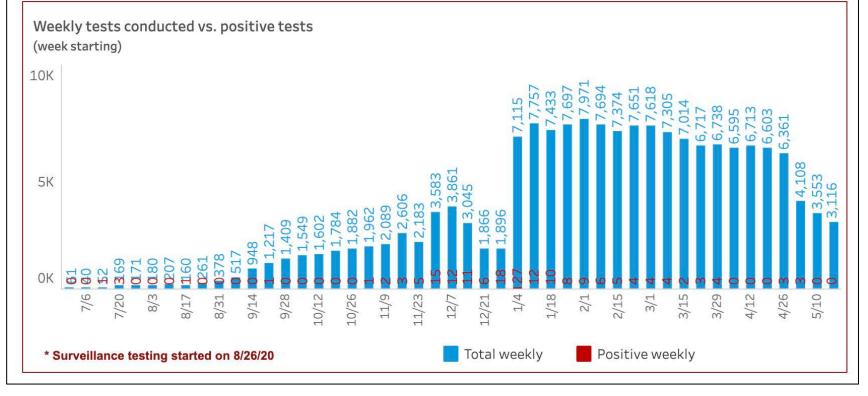
168,811

Cumulative tests conducted

Faculty	Postdoc	Staff
14,176	23,191	131,444

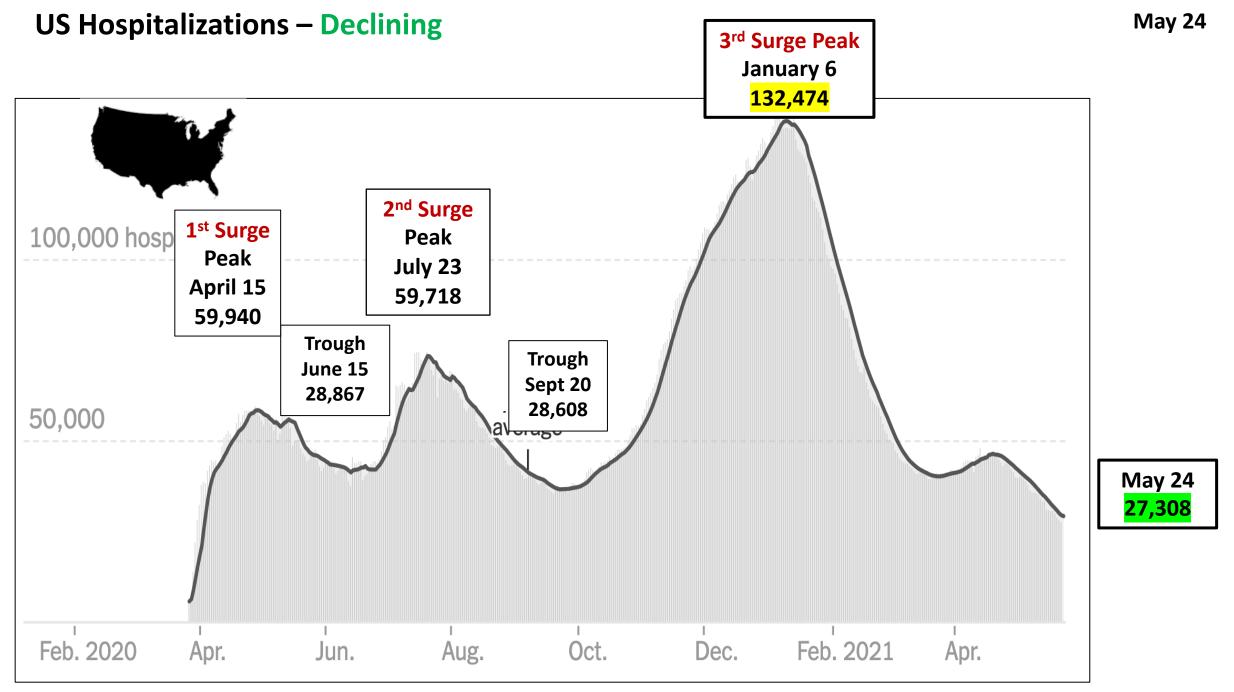
Cumulative positive tests		
	183	
Faculty	Postdoc	Staff
2	12	169

Overall: 0.11 7 Day: 0.00



COVID-19 Hospitalizations United States





COVID-19 Hospitalizations California

Peak January 6 = 21,936

Peak January 10 = 4,868

ospitali	zations
#	Δ
1,222	-39
1,261	-15
1,276	<mark>-17</mark>
1,293	<mark>-33</mark>
1,326	-68
1,394	<mark>+7</mark>
1,387	-15
1,402	<mark>+23</mark>
1,379	-23
1,402	<mark>-26</mark>
1,428	<mark>-25</mark>
1,453	-49
1,502	<mark>-32</mark>
1,534	<mark>+3</mark>
1,531	<mark>+29</mark>
1,502	-44
	# 1,222 1,261 1,276 1,293 1,326 1,394 1,387 1,402 1,379 1,402 1,428 1,453 1,502 1,534 1,531

CA ICU Census		
	#	Δ
5/24	297	-10
5/23	307	<mark>+1</mark>
5/22	306	-10
5/21	316	<mark>-9</mark>
5/20	325	-21
5/19	346	<mark>+4</mark>
5/18	342	<mark>+7</mark>
5/17	335	<mark>+7</mark>
5/16	328	<mark>-34</mark>
5/15	362	<mark>+16</mark>
5/14	346	-13
5/13	359	<mark>-9</mark>
5/12	368	-18
5/11	386	<mark>+33</mark>
5/10	353	-15
5/9	368	<mark>-19</mark>

Declining

Lowest Census During Pandemic

ICU -185 April

May to Date Beds -408 -80 ICU

Hospitalizations **ICU**

•	
5/1	1,630
4/1	2,147
3/1	4,812
2/1	14,221
1/1	<mark>20,354</mark>
12/1	8,517
11/1	2,537
10/1	2,339
9/1	3,773
8/1	6,362
7/1	5,355
6/1	3,038
5/1	3,428
4/1	1,855

100	L	

 California Department of **Public**Health

5/1 **377** 4/1 562 3/1 1,390 2/1 3,797 1/1 **4,531** 12/1 2,006 11/1 708 10/1 679 9/1 1,197 8/1 1,940 7/1 1,676 6/1 1,054

774

1,192

5/1

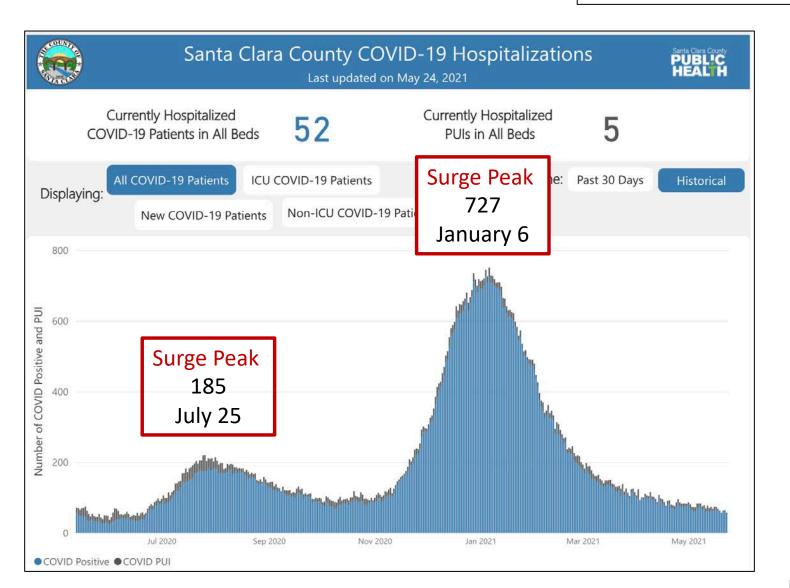
4/1

Santa Clara Hospitalizations – Declining

April Beds -20 ICU -7

May to Date Beds -28 ICU -1





Hospitalization		
	Total	ICU
5/1	80	18
1/1	100	25
3/1	182	59
2/1	463	127
1/1	<mark>689</mark>	<mark>166</mark>
12/1	288	81
11/1	85	25
10/1	87	33
9/1	131	43
3/1	182	51
7/1	80	34
5/1	46	11
5/1	144	48
1/1	245	92
1/1 12/1 11/1 10/1 9/1 3/1 7/1 5/1	288 85 87 131 182 80 46 144	166 81 25 33 43 51 34 11 48

Hospitalization				
Total ICU				
5/23	<mark>52</mark>	17		
5/22	60	16		
5/21	61	16		
5/20	54	14		
5/19	61	14		
5/18	62	12		
5/17	66	12		
5/16	62	12		
5/15	62	<mark>12</mark>		
5/14	62	14		
5/13	59	15		
5/12	62	13		
5/11	59	14		
5/10	69	14		
5/9	65	13		
5/8	75	16		

San Mateo Hospitalizations – Levelled

April Beds May to Date Bed



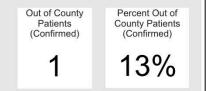
San Mateo County COVID-19 Hospital Data

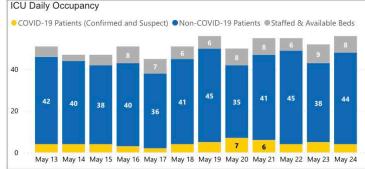
SAN MATEO COUNTY HEALTH Data up to and including May 24, 2021 as of 5:00pm

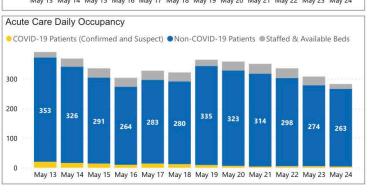
These data are a snapshot of the capacity of hospitals reporting data to San Mateo County Health. It is not uncommon for these data to vary from day to day due to normal fluctuations in the number of patients cared for in the hospitals. If a hospital does not report a daily census, data from the previous day are used for the non-reporting hospital. Data reported may also include patients transferred from other locations and are referred to as out of County transfers. Out of County transfers may include both COVID-19 and non-COVID-19 cases. As of 12/27/2020, ventilators available and 'staffed and available' bed data source is HAvBED (Hospital Available Beds for Emergencies and Disasters) hospital poll via ReddiNet.

Currently Hospitalized COVID-19 Patients	Confirmed 8
8	Suspect 0

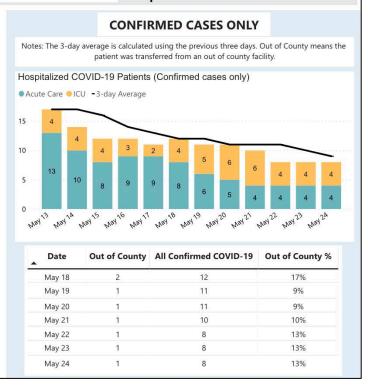
Resource	In Use	Available	Total
Acute Care Beds	267	16	283
Acute Care Surge Beds	0	134	134
ICU Beds	48	8	56
ICU Surge Beds	0	67	67
Ventilators	7	78	85







Source: ReddiNet daily poll of San Mateo County hospitals by SMC Health

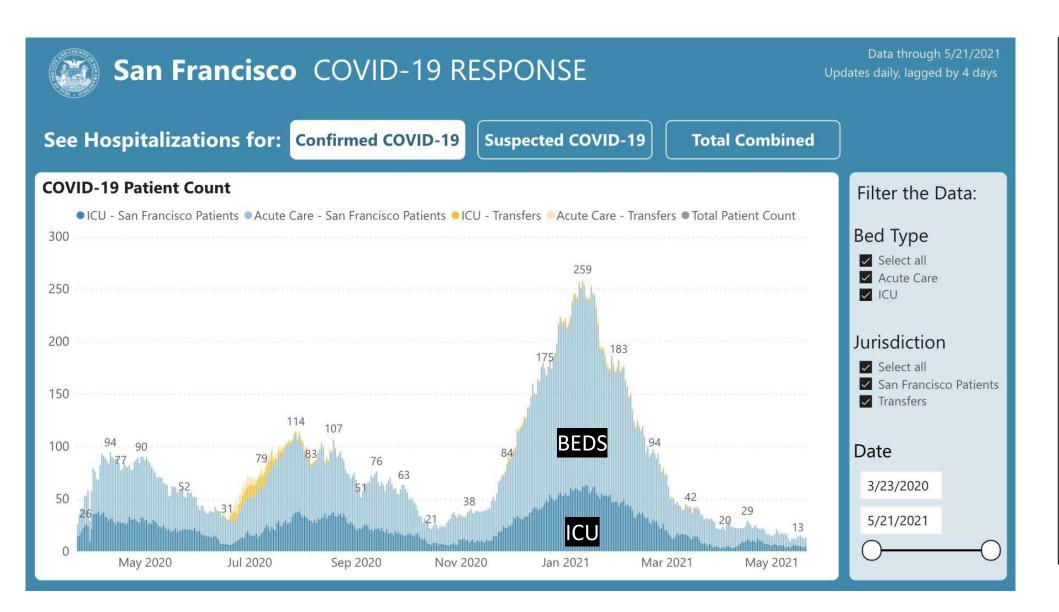


Lowest Census Since March 2020

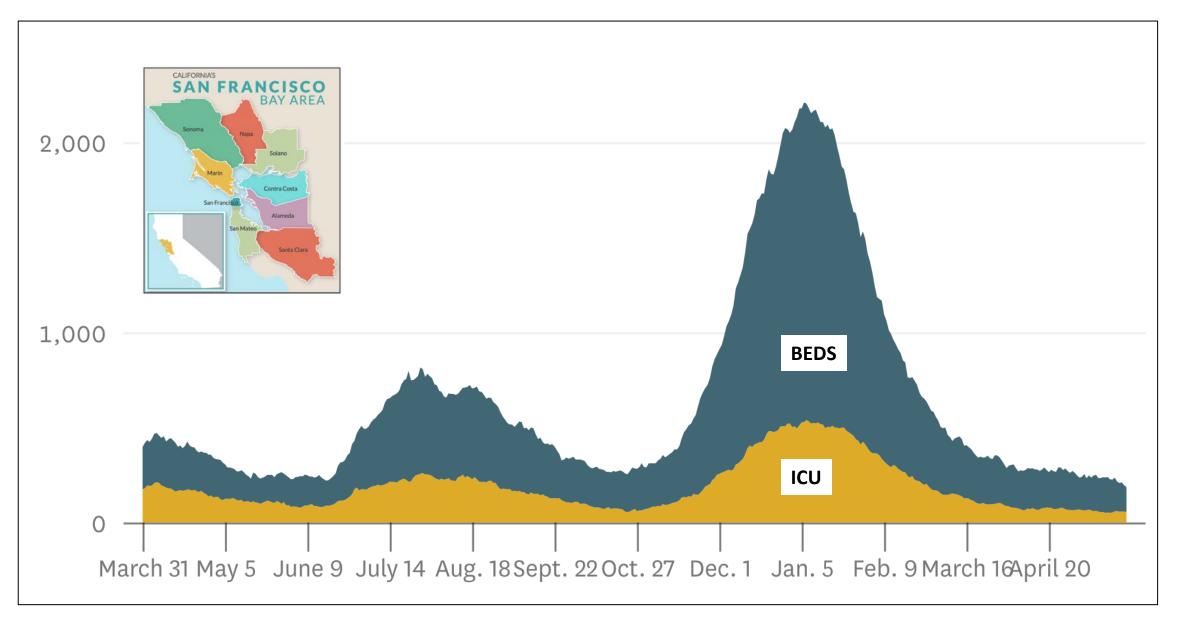
Hospitalization				
•	Total			
5/1	24	7		
4/1	<mark>22</mark>	<mark>5</mark>		
3/1	44	14		
2/1	121	32		
1/1	<mark>165</mark>	<mark>40</mark>		
12/1	72	18		
11/1	17	4		
10/1	29	6		
9/1	34	10		
8/2	55	13		
7/1	55	21		
6/2	59	18		
5/2	61	17		
4/1	57	19		

Hospitalization				
	Total	ICU		
5/24	8	4		
5/23	8	4		
5/22	8	4		
5/21	10	6		
5/20	11	6		
5/19	11	5		
5/18	12	4		
5/17	11	2		
5/16	12	3		
5/15	12	4		
5/14	14	4		
5/13	17	4		
5/12	17	4		
5/11	16	4		
5/10	18	9		
5/9	17	7		
5/8	11	4		
5/7	18	4		
5/6	20	4		
5/5	19	6		

San Francisco Hospitalizations Declining

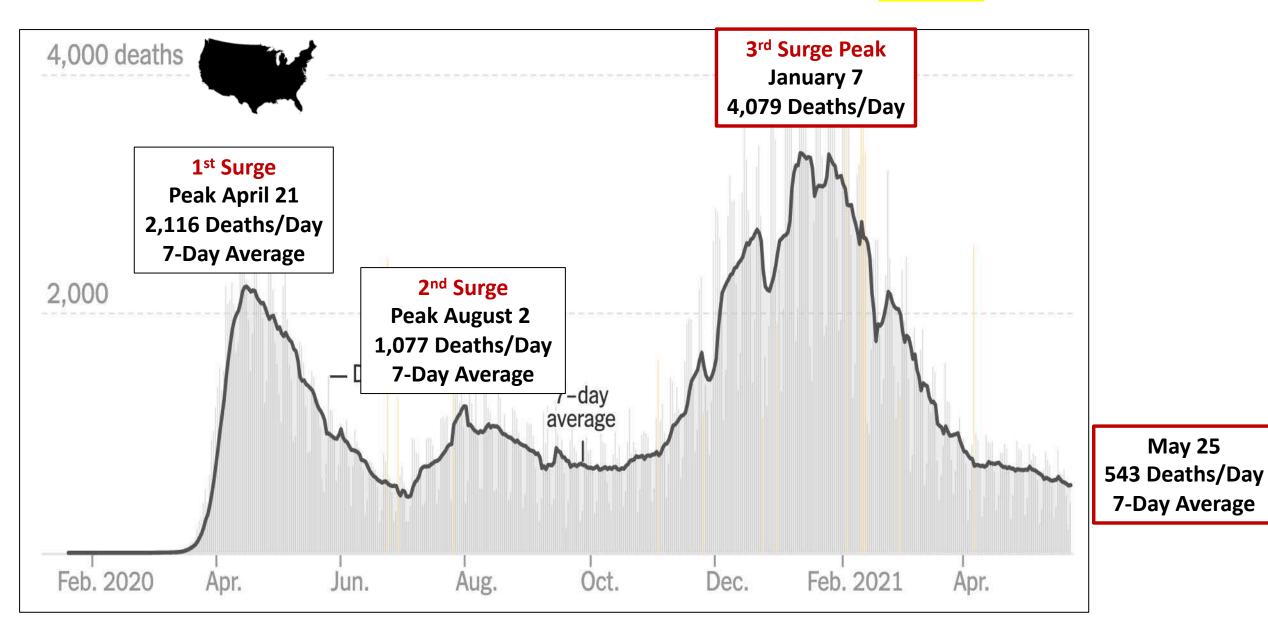


```
April 1
          76
May 1
          87
June 1
July 1
       =
Aug 1
       = 104
Sept 1
       = 68
Oct 1
       = 56
Nov 1
       = 34
Dec 1
Jan 1
       = 222
Feb 1
      = 180
Mar 1
       = 52
       = 21
Apr 1
May 1
May 7
May 21
```



COVID-19 Mortality National





COVID-19 Mortality California



California Deaths: Declining

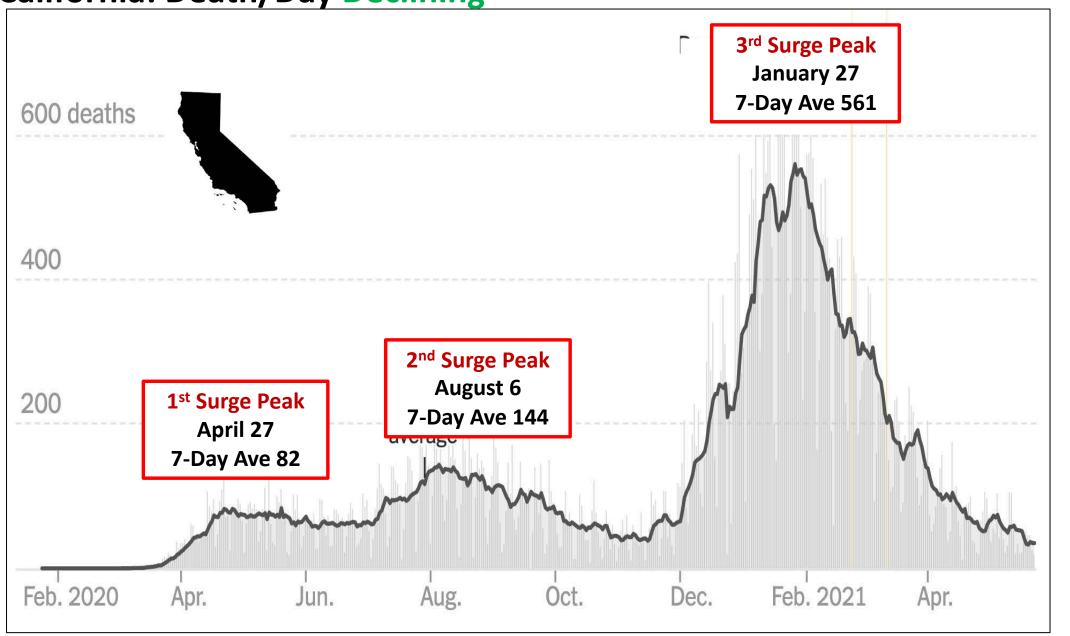


Nov	=	+49 Day Ave
Dec	=	+227 Day Ave
Jan	=	+499 Day Ave
Feb	=	+371 Day Ave
March	=	+184 Day Ave
April	=	<mark>+82</mark> Day Ave
Last 5 days	=	+33 Day Ave

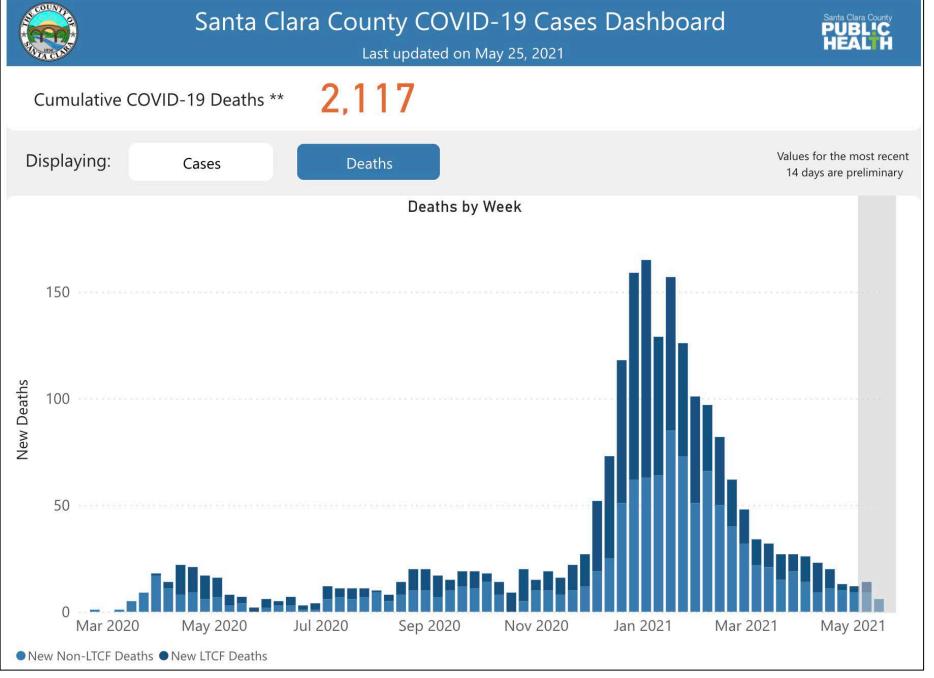
Deaths/Month				
Apr	<mark>2,449</mark>			
Mar	5,700			
Feb	10,383			
Jan	<mark>15,454</mark>			
Dec	7,033			
Nov	1,474			
Oct	1,779			
Sept	2,955			
Aug	3,662			
July	3,061			
June	1,804			
May	2,115			
April	2,000			

Deaths	Totals
5/1	60,625
4/1	58,179
3/1	52,479
2/1	41,811
1/1	26,357
12/1	19,324
11/1	17,667
10/1	15,888
9/1	12,933
8/1	9,356
7/1	6,163
6/1	4,286
5/1	2,171
4/1	171

CA Deaths					
Report # Δ					
5/25	61,770	<mark>+8</mark>			
5/24	61,762	+7			
5/23	61,755	+31			
5/22	61,722	+50			
5/21	61,672	+69			
5/20	61,603	+48			
5/19	61,555	+42			
5/18	61,513	+3			
5/17	61,510	+11			
5/16	61,499	+55			
5/15	61,444	+27			
5/14	61,417	+66			
5/13	61,351	+46			
5/12	61,305	+59			
5/11	61,246	<mark>+5</mark>			
5/10	61,241	+13			
5/9	61,228	+61			
5/8	61,167	+140			



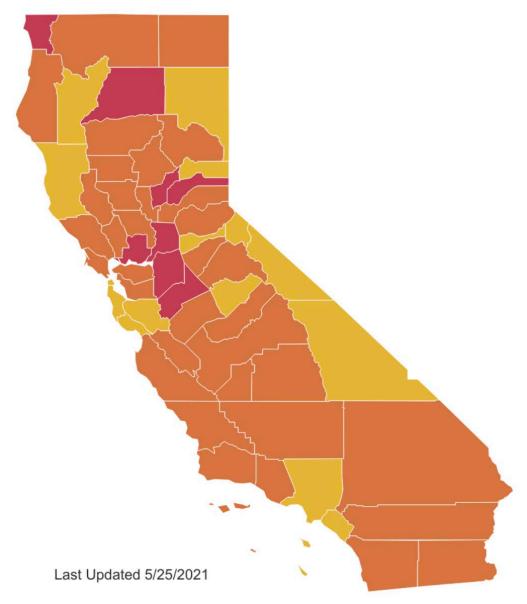
May 25 7-Day Ave 37



Re-Opening



California State COVID-19 Tier Update



4-Tiered Color System To End on June 15th

Opening
Businesses & School
To Nearly Pre-Pandemic Levels

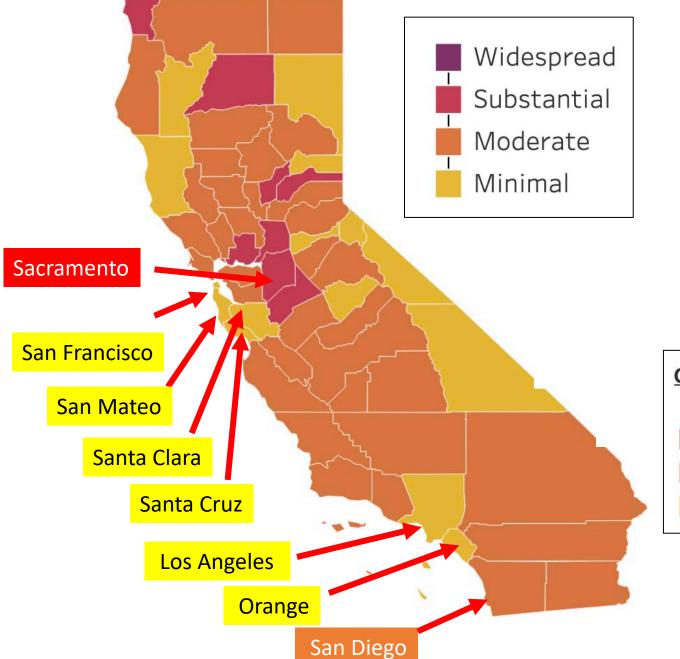
Possibly with Sustained Mask Mandate



May 25

Updated Weekly
On Tuesday





COUNTY RISK LEVELS					
	Counties	Population			
Substantial	8	3,740,561	9.3%		
Moderate	35	18,765,828		46.8%	
Minimal	15	17,622,771	i ii	43.9%	





Yellow Threshold

2.0 Adjusted Cases/100K, <2.0% Positivity

Santa Clara County

1.1 Adjusted Cases/day 0.6% Positivity

San Mateo County

1.0 Adjusted Cases/day 0.3% Positivity

COUNTY METRICS

2.1 New COVID-19 cases per day per 100K

1.1 Adjusted case rate for tier assignment

0.6% Positivity rate (7-day average)

1.1% Health equity quartile positivity rate

COUNTY METRICS

2.0 New COVID-19 cases per day per 100K

1.0 Adjusted case rate for tier assignment

0.3% Positivity rate (7-day average)

0.7% Health equity quartile positivity rate

San Francisco County

1.4 Adjusted Cases/day 0.5% Positivity

Los Angeles

0.9 Adjusted Cases/day 0.5% Positivity

COUNTY METRICS

2.1 New COVID-19 cases per day per 100K

1.4 Adjusted case rate for tier assignment

0.5% Positivity rate (7-day average)

0.9% Health equity quartile positivity rate

COUNTY METRICS

1.8 New COVID-19 cases per day per 100K

0.9 Adjusted case rate for tier assignment

0.5% Positivity rate (7-day average)

0.5% Health equity quartile positivity rate

Case Rate "Adjusted" for # of Tests Performed

Tier Criteria Readjusted - Liberalized:

California Reached 4 Million in HPI Quartile 1

WIDESPREAD

- More than 10.0 daily new cases (per 100k)*
- More than 8.0% positive test for entire county**

SUBSTANTIAL

- 6.0 –10.0 daily new cases (per 100k)*
- 5.0 8.0% positive tests for entire county**
- Less than 8.1% positive tests
 for health equity quartile**

MODERATE

- 2.0 –5.9 daily new cases (per 100k)*
- 2.0 4.9% positive tests for entire county**
- Less than 5.3% positive tests
 for health equity quartile**

MINIMAL

- Less than 2.0 daily new cases (per 100k*)
- Less than 2.0% positive tests for entire county**
- Less than 2.2% positive tests
 for health equity quartile**

Tier 1 Purple

Retail 25% indoor

Shopping Centers 25% indoor

Restaurants Outdoor Only

Places of Worship Outdoor Only

Movie Theaters Outdoor Only

Museums Outdoor Only

Gyms Outdoor Only

Zoos/Aquariums Outdoor Only

Bars Closed

Offices Remote

Professional Sports No Audiences

Childcare Mitigated open

K-12 Schools

Those open with mitigation can stay open

Remote only for others

Tier 2 Red

Retail 50% indoor

Shopping Centers 50% indoor

Restaurants 25% indoor

Places of Worship 25% indoor

Movie Theaters 25% indoor

Museums 25% indoor

Gyms 10% indoor

Zoos/Aquariums 25% indoor

Bars Closed

Offices Remote

Professional Sports No Audiences

Childcare Mitigated open

K-12 Schools

Can reopen with mitigation

Indoor Includes Modifications
Places of Worship only Recommendations due to Judicial Order

Tier 3 Orange

Indoor OK Retail

Indoor OK **Shopping Centers**

Restaurants 50% Indoor

Places of Worship 50% indoor

Movie Theaters 50% Indoor

Indoor OK Museums

25% indoor Gyms

Zoos/Aquariums 50% Indoor

Bars **Outdoor Only**

25% indoor Wineries

Offices

20% Audience **Professional Sports**

Childcare Mitigated open

K-12 Schools

Can reopen with mitigation

Tier 4 Yellow

Retail Indoor OK

Shopping Centers Indoor OK

50% indoor Restaurants

50% indoor **Places of Worship**

Movie Theaters 50% indoor

Indoor OK Museums

50% indoor **Gyms**

Zoos/Aquariums indoor OK

50% indoor Bars

Wineries 50% indoor

Offices

Professional Sports

Childcare

K-12 Schools

Can reopen with mitigation

Indoor

Indoor

25% Audience

Mitigated open

COVID-19 Testing Positivity



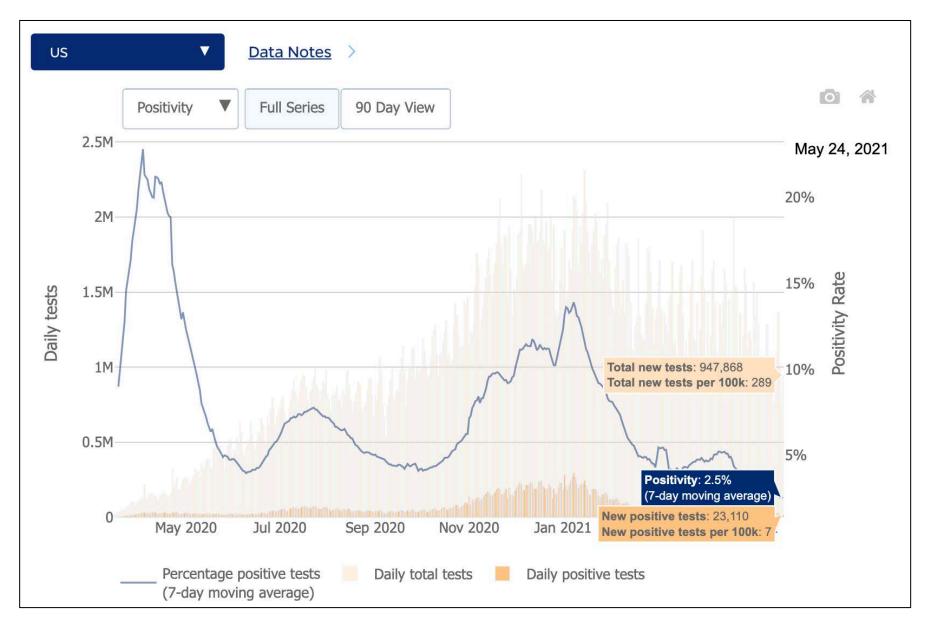
COVID-19 Test Positivity RateAll Lowest in Pandemic

	Sept 30	Jan 2	Feb 27	Mar 27	Apr 26	May 17	May 25
United States	4.5%	<mark>13.1%</mark>	4.5%	4.6%	4.0%	3.0%	2.5% -0.5/ 7 Days
California	2.9%	<mark>14.0%</mark>	2.5%	1.9%	0.9%	0.8%	0.7% -0.1/ 7 Days
Los Angeles County	3.0%	<mark>18.1%</mark>	3.6%	1.6%	0.8%	0.6%	0.5% -0.1 /7 Days
Santa Clara County	2.1%	<mark>7.8%</mark>	2.2%	1.2%	1.1%	0.6%	0.6% No Δ/ 7 Days
San Francisco Count	y 1.58%	3.95%	1.58%	0.83%	0.88%	0.56%	0.54 -0.02% / 7 Days
San Mateo County		2.4%	<mark>5.6%</mark>	2.4%	0.7%	0.6%	0.6% No Δ/ 7 Days

Daily Tests in US



Positivity
7-Day Average
2.5%
(-0.5%/ 7 Days)



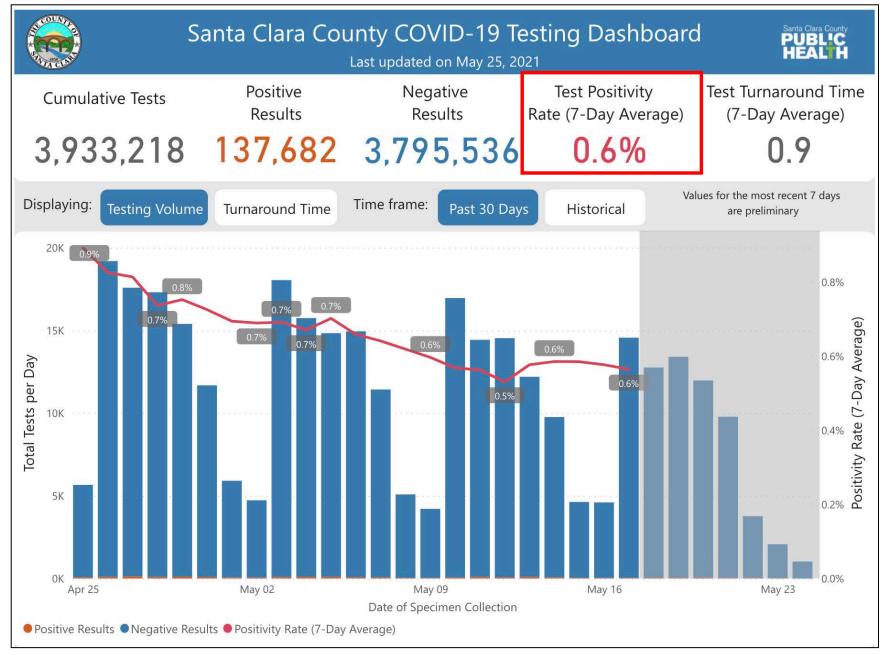
Daily Tests in California



Positivity
7-Day Average
0.7%
-0.1%/ 7 Days)



Positivity 0.6% (No Δ/ 7 Days)





Positivity 0.54% (-0.02% /7Days)

Daily Tests San Mateo County

Positivity 0.6% <mark>No Δ 7 Days)</mark>

