California Department of Public Health Influenza Vaccination among Health Care Personnel in California Hospitals: 2017-18 Influenza Season

Executive Summary

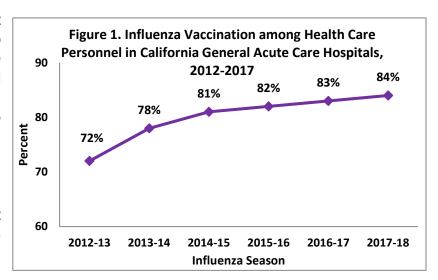
Hospital-based health care providers (HCP) who receive annual influenza vaccination make an important contribution to prevent transmission of influenza to high-risk patients, their families, and the community. Influenza vaccination coverage among HCP is an important measure of a hospital's health care guality and should be regularly measured and reported [1].

California acute care hospitals must offer influenza vaccination at no cost to HCP, require HCP to receive the annual influenza vaccination or declare in writing that he/she declines vaccination, and report vaccination data to the California Department of Public Health (CDPH) (Health and Safety Code section 1288.7). CDPH is required to publish hospital influenza vaccination coverage no later than six months after receiving the data (Health and Safety Code section 1288.8).

This report presents data from 400 California hospitals for the 2017-2018 influenza season, October 1, 2017, through March 31, 2018. To be considered on track to reach the Healthy People 2020 goal of 90% vaccinated, 2017-18 hospital HCP vaccination coverage should be at least 84%. Overall, California hospitals reached 84% influenza vaccination among HCP (Figure 1).

Statewide vaccination must increase by 3% for the next two influenza seasons to achieve the 2020 goal. Currently, the overall rate is increasing approximately 1% per year since the 2014-15 influenza season.

Overall, 218 (54%) hospitals are on track to achieve the 2020 goal, including 125 (31%) hospitals that have already achieved the 90% Healthy People 2020 goal.



CDPH, in collaboration with local public health agencies, will follow-up with hospitals with >90% vaccination rates across all HCP groups to identify and share best practices. CDPH will develop guidance for implementing additional interventions for successful HCP influenza vaccination campaigns for hospitals with vaccination rates that are not on track to achieve the 2020 goal

CDPH encourages all persons 6 months of age or older to receive an annual flu vaccine unless they have certain medical conditions that prevent them from getting vaccinated. CDPH suggests members of the public use this report to view vaccination rates of their local hospitals and ask their doctors and other HCP about annual influenza vaccination.

Annual Report

Background

Influenza occurs annually, causing serious consequences among high risk persons. In a recent influenza season (2016-17), approximately 600,000 people in the United States were hospitalized with influenza or due to complications from influenza. Unvaccinated health care providers (HCP) who are exposed to patients with influenza can serve as sources for transmitting influenza virus to other patients. Many hospitalized patients are at increased risk for influenza complications, such as persons 85 years or older who respond poorly to vaccination, immune-compromised patients and those with certain conditions, and young children [1].

Annual influenza vaccination is a simple and safe strategy for reducing the risk of transmitting influenza. HCP who receive annual influenza vaccination make an important contribution to influenza prevention in their hospitals and the community. A hospital's annual HCP influenza vaccination rate is a quality performance indicator of patient safety.

In 2015, the CDPH Healthcare-Associated Infections (HAI) Advisory Committee recommended that all California hospitals achieve the national Healthy People goal of 90% HCP influenza vaccination by 2020 [2]. To be considered on track to achieve the 2020 goal in 2017-18, hospitals should have achieved at least 84% vaccination coverage.

Methods

This report presents data for the 2017-18 influenza season, October 1, 2017, through March 31, 2018. State law requires California acute care hospitals to offer influenza vaccination at no cost to HCP and requires HCP to receive the annual influenza vaccination or declare in writing that he/she declines vaccination (Health and Safety Code section 1288.7). Hospitals collect data for all HCP physically working in the facility for one or more days during influenza season.

Hospitals track HCP vaccination using the National Healthcare Safety Network (NHSN) protocols and report data using the NHSN secure, web-based system [9]. Hospitals provide rights to the California Department of Public Health (CDPH) to receive, analyze, and publish the data. CDPH is required to publish annual HCP vaccination rates within six months of receiving the data (Health and Safety Code section 1288.8). CDPH downloaded the data for this report on May 21, 2018.

The term HCP refers to all paid and unpaid persons working in health care settings who have the potential to be exposed to patients or infectious materials and have the potential to transmit influenza to and from patients and other HCP. HCP are direct care providers (e.g., physicians, nurses, nursing assistants, therapists, technicians, emergency medical service personnel, pharmacists, laboratory personnel) as well as persons not directly involved in patient care (e.g., clerical, dietary, housekeeping, laundry, security, maintenance, administrative, billing). HCP include employees paid by the health care facility and other professional, contract, and other staff not directly paid by the health care facility. CDPH reports data separately for hospital employees, licensed independent practitioners, contract personnel, and students, trainees, and volunteers.

In 2017-18, 99% of hospitals complied with influenza vaccination reporting requirements. The CDPH Licensing and Certification Program cites hospitals with incomplete reporting and requires a plan of correction to address the deficiency. Four hospitals did not report:

Inyo County

- Southern Inyo Hospital

Los Angeles County

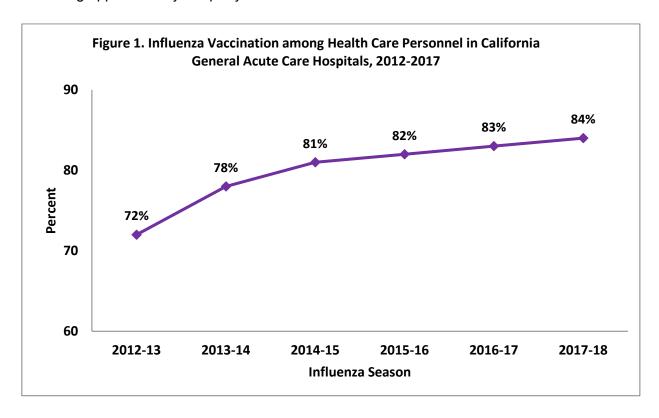
- Pacific Alliance Medical Center,
- Promise Hospital of East Los Angeles, East L.A. Campus

San Bernardino County

- Totally Kids Rehabilitation Hospital

Key Findings

Among approximately 935,000 HCP working in California hospitals during the 2017-2018 influenza season, over 785,000 HCP received annual influenza vaccination. Influenza vaccination among HCP in California hospitals has increased from 72% in 2012-13 to 84% in 2017-18 (Figure 1). To be considered on track to reach the Healthy People 2020 goal of 90% vaccinated, statewide vaccination must increase by 3% each year for the next two influenza seasons. Currently, the overall rate is increasing approximately 1% per year since the 2014-15 influenza season.



Overall, 218 (54%) hospitals reported vaccination rates 84% or greater and appear to be on track to achieve the 90% goal by 2020 (Table 1).

In 2017-18, five hospitals reported a declining vaccination rate of more than 20% since the 2016-2017 influenza season.

Mariposa County

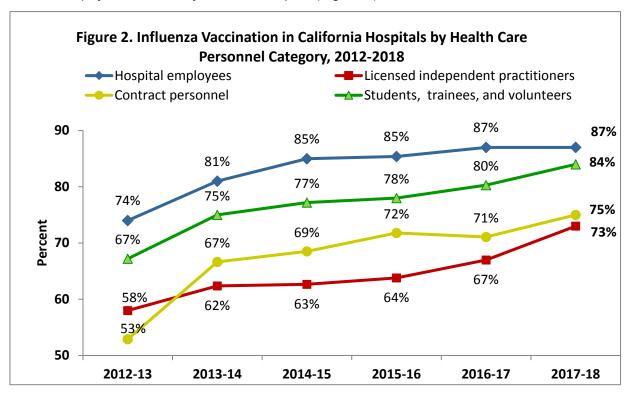
- John C. Fremont Healthcare District Orange County
- Children's Hospital at Mission San Francisco County
 - Chinese Hospital

Santa Clara County

- Good Samaritan Hospital, San Jose
- Regional Medical Center of San Jose

Influenza Vaccination by HCP Category

In 2017-18, HCP influenza vaccination rates are on track to achieve the 2020 goal among hospital employees (87% vaccinated) and students, trainees, and volunteers (84% vaccinated), and not on track for contract personnel (75% vaccinated) or licensed independent practitioners (73% vaccinated). The category licensed independent practitioners, which has the lowest statewide vaccination rates among the four HCP categories, includes physicians, physician assistants, and advance practice nurses who do not receive paychecks directly from the hospital (Figure 2).

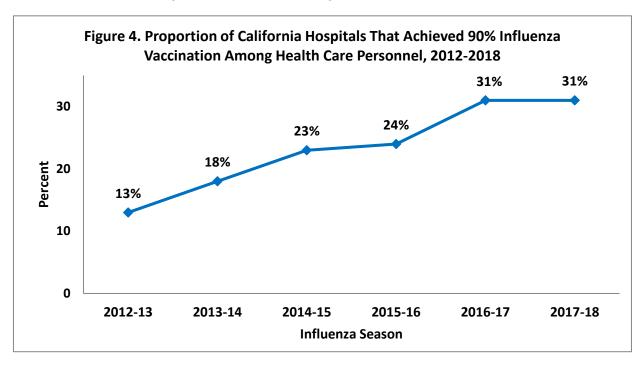


Vaccination rates for three personnel categories increased from 2016-17 to 2017-18, including 6% among licensed independent practitioners, 4% among other contract personnel, and 4% among students, trainees, and volunteers. Vaccination rates among hospital employees, 87%, remained the same as the previous year.

In 2017-18, 61 (15%) hospitals achieved the Healthy Peoples on-track target of 84% vaccination among HCP in all four categories (**Table 2**).

Influenza Vaccination by Healthy People 2020 Goal Achievement

In 2017-18, 125 (31%) hospitals already achieving the Healthy People 2020 goal of 90% HCP influenza vaccination, which is unchanged since 2016-2017 (Figure 4).



Thirty-one (8%) hospitals reported 90% vaccination for all four HCP groups (**Table 2**). Of these, 17 hospitals also achieved 90% vaccination for all four HCP groups in the previous year:

Los Angeles County

- Kaiser Foundation Hospital, South Bay
- Keck Hospital of USC
- Marina Del Rey Hospital
- Torrance Memorial Medical Center
- USC Kenneth Norris Jr. Cancer Hospital
- USC Verdugo Hills Hospital

Madera County

Valley Children's Hospital

Mendocino County

- Mendocino Coast District Hospital
 Riverside County
 - Kaiser Foundation Hospital, Moreno Valley

San Diego County

- Kaiser Foundation Hospital Zion Medical Center
- Rady Children's Hospital, San Diego

Santa Clara County

Stanford Health Care

Santa Cruz County

Dominican Hospital

Shasta County

- Shasta Regional Medical Center
- Vibra Hospital of Northern California

Tehama County

St. Elizabeth Community Hospital

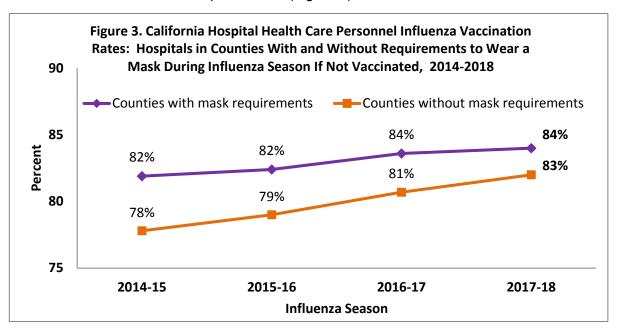
Tulare County

Kaweah Delta Medical Center

Influenza Vaccination by County

In 2017-18, 38 local public health departments issued health orders for their jurisdictions that require HCP who decline vaccination to wear surgical masks during influenza season. Seventeen counties did not issue such health orders (**Table 3**). Three counties, Alpine, Colusa, and Sierra, are excluded due to having no hospital in operation during the 2017-18 influenza season.

Overall, hospital HCP vaccination rates are 84% in counties that require a mask for unvaccinated HCP and 83% in counties that do not require masks (Figure 3).



In the counties that do not have a masking requirement, 83 of 91 hospitals indicated having a facility-specific policy requiring masks for unvaccinated HCP. HCP vaccination rates are higher in these 83 hospitals having their own masking requirement (83%), compared with 8 hospitals with no (or unknown) facility-specific masking requirements (70%).

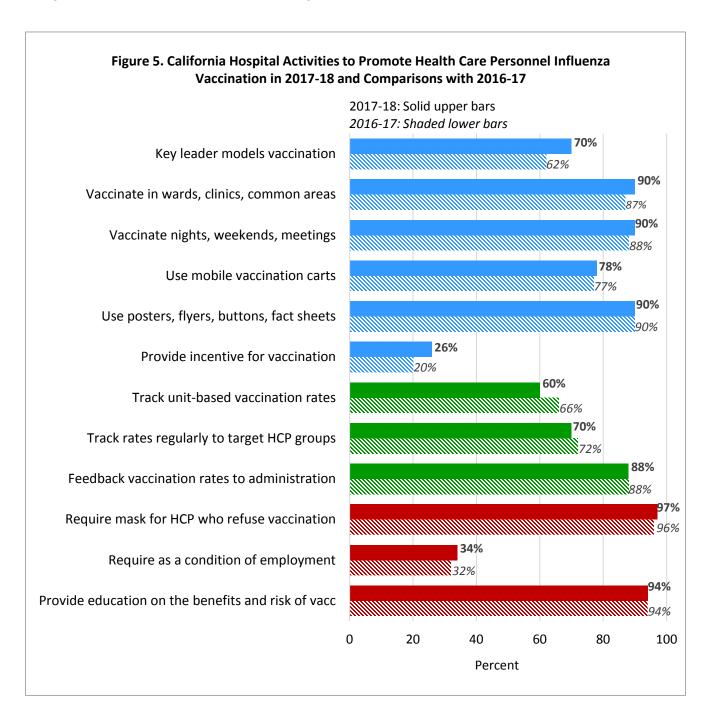
Thirty-six (65%) counties achieved HCP influenza vaccination of 84% and are considered on track to meet the Healthy People 2020 goal. Nineteen counties have HCP influenza vaccination below 84%, including 11 hospitals that were not on track target during the previous influenza season (*):

- Butte, 77%*
- Contra Costa, 83%
- Glenn, 79%
- Kern, 76%*
- Lake, 64%*
- Los Angeles, 83%*
- Mariposa, 54%
- Napa, 81%*
- Orange, 83%
- Placer, 83

- Riverside, 78%*
- San Bernardino, 80%
- San Francisco, 81%*
- Santa Clara, 82%
- Sonoma, 79%*
- Stanislaus, 82%*
- Sutter, 80%*
- Tuolumne, 78%
- Ventura, 77%*

Influenza Vaccination Campaign Strategies

California hospitals continue to report multiple approaches to achieve annual HCP influenza vaccination coverage (Figure 5). Activities include promoting vaccination and providing easy access (), tracking and using vaccination data (), and implementing administrative requirements ().



Actions and Recommendations

CDPH recommends that all HCP receive annual influenza vaccination. In response to this report, CDPH will collaborate with local public health agencies to

- Develop guidance for implementing interventions for successful HCP influenza vaccination campaigns
- Follow-up with the hospitals that sustained 90% or higher influenza vaccination rates for all four HCP groups (i.e., hospital employees; licensed independent practitioners; contract staff; and students, trainees, and volunteers) to identify best practices that we can share with hospitals struggling to achieve better vaccination coverage among one or more of the HCP types.
- Review which hospitals in each county jurisdiction have vaccination rates less than 84% and identify
 which should be targeted for local public health intervention, such as reviewing and recommending
 vaccination campaign strategies and assessing adherence to mandatory masking health orders.

To improve vaccination, CDPH recommends that hospitals:

- Assess their adoption of recommendations for successful HCP influenza campaigns [3-6].
- If less than 84% HCP influenza vaccination in 2017-18 and not on track to achieve the Healthy People 2020 goal, evaluate and implement additional interventions, including providing frequent feedback of vaccination rates throughout the influenza season.

CDPH recommends that members of the public

- Receive annual influenza vaccination if over 6 months of age and older.
- If not sure a family member should be vaccinated due to medical conditions, check with your doctor or other HCP where you receive care.
- Discuss the risk of influenza for themselves and their families with their doctor or other HCP.
- Ask your doctor or anyone else providing care for you if he/she has received the annual influenza vaccination.
- When visiting a hospital or other health care facility when influenza is circulating in the community, follow instructions. You may be asked to cover your cough or wear a mask.
- Review the vaccination rates for HCP at your local hospitals in this written report or by viewing the CDPH interactive map at https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/HCPFLUmap.aspx

Tables

Table 1. Influenza Vaccination Rates among Health Care Personnel in California General Acute Care Hospitals, 2017-18, and Side-by-Side Comparisons with Past Two Influenza Seasons

Hospitals, 2017-10, and Side-by-Side Compansor	On Track to	22. 23430		
County	Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)		2016-17	
Alameda	_			
Alameda Hospital	No	76	75	82
Alta Bates Summit Medical Center	No	82	83	86
Alta Bates Summit Medical Center, Alta Bate				
Campus	Yes	84	87	88
Children's Hospital & Research Center Oakla		73	91	90
Eden Medical Center	Yes	90	91	90
Fairmont Hospital	Yes	100		
Highland Hospital	Yes	86	80	83
Kaiser Foundation Hospital, Fremont	Yes	90	92	DNR
Kaiser Foundation Hospital, Oakland	No	81	82	87
Kaiser Foundation Hospital, San Leandro	Yes	91	92	91
Kindred Hospital, San Francisco Bay Area	Yes	84	88	72
San Leandro Hospital	No	75	84	83
St Rose Hospital	Yes	95	92	92
Stanford Health Care, ValleyCare	Yes	94	96	95
Washington Hospital	Yes	90	91	92
Amador				
Sutter Amador Hospital	Yes	87	86	90
Butte				
Adventist Health Feather River	No	70	80	79
Enloe Medical Center, Esplanade	No	80	79	80
Enloe Rehabilitation Center	Yes	87	86	89
Orchard Hospital	Yes	93	92	89
Oroville Hospital	No	74	66	78
Calaveras				
Mark Twain Medical Center	Yes	88	98	92
Contra Costa				
Contra Costa Regional Medical Center	Yes	86	85	85
John Muir Medical Center, Concord Campus	No	80	77	74
John Muir Medical Center, Walnut Creek		0.4		
Campus	No	81	78	80
Kaiser Foundation Hospital, Antioch	Yes	87	87	87
Kaiser Foundation Hospital, Richmond Camp		82		
Kaiser Foundation Hospital, Walnut Creek	Yes	84	87	87
San Ramon Regional Medical Center	No	83	77	87
Sutter Delta Medical Center	Yes	90	88	89

	On Track to			
County	Achieve 90% by 2020	Vacci	ination R	ate* (%)
Hospital	(≥84% in 2018)		2016-17	•
Del Norte	,			
Sutter Coast Hospital	Yes	89	89	86
El Dorado				
Barton Memorial Hospital	Yes	85	89	87
Marshall Medical Center	Yes	90	89	88
Fresno				
Adventist Health Reedley	Yes	92	92	92
Adventist Health Selma	Yes	88	93	92
Clovis Community Medical Center	Yes	87	87	89
Coalinga Regional Medical Center	No	79	92	95
Community Regional Medical Center	Yes	87	88	89
Fresno Heart and Surgical Hospital	Yes	84	85	90
Fresno Surgical Hospital	No	83	88	85
Kaiser Foundation Hospital, Fresno	Yes	87	86	88
Saint Agnes Medical Center	Yes	92	86	90
San Joaquin Valley Rehabilitation Hospital	Yes	94	97	98
Glenn				
Glenn Medical Center	No	79	84	DNF
Humboldt				
Jerold Phelps Community Hospital	No	73	77	72
Mad River Community Hospital	No	76	75	59
Redwood Memorial Hospital	Yes	93	91	89
St. Joseph Hospital, Eureka	Yes	91	91	82
The General Hospital	Yes	90	87	88
Imperial				
El Centro Regional Medical Center	Yes	87	80	81
Pioneers Memorial Healthcare District	No	81		65
Inyo				
Northern Inyo Hospital	Yes	96	96	96
Southern Inyo Hospital	No	DNR	65	DNF
Kern				
Adventist Health Bakersfield	No	76	78	50
Adventist Health Tehachapi Valley	Yes	88	82	84
Bakersfield Heart Hospital	Yes	88	81	88
Bakersfield Memorial Hospital	No	69	62	75
Delano Regional Medical Center	Yes	91	86	77
Good Samaritan Hospital, Bakersfield	No	80	78	85
HealthSouth Bakersfield Rehabilitation Hos	spital Yes	89	74	74
Kern Medical Center	No	61	65	61
Kern Valley Healthcare District	No	68	72	71
Mercy Hospital	No	80	54	70

	On Track to			
County	Achieve 90% by 2020	Vacc	ination Rat	e* (%)
Hospital	(<u>></u> 84% in 2018)		2016-17 2	
Kern (continued)				
Mercy Southwest Hospital	No	82	52	67
Ridgecrest Regional Hospital	Yes	89	90	85
Kings				
Adventist Health Hanford	Yes	90	91	91
Lake				
Adventist Health Clearlake	No	55	DNR	
Sutter Lakeside Hospital	No	77	79	DNR
Lassen				
Banner Lassen Medical Center	Yes	94	84	99
Los Angeles				
Adventist Health Glendale	No	72	82	78
Adventist Health White Memorial	No	67	57	63
Alhambra Hospital Medical Center	Yes	85	71	70
Antelope Valley Hospital	No	81	63	70
Barlow Respiratory Hospital	Yes	84	72	68
Beverly Hospital	No	72	69	76
California Hospital Medical Center, Los Ange	eles Yes	84	90	84
California Rehabilitation Institute	Yes	92		
Casa Colina Hospital	No	83	78	68
Catalina Island Medical Center	No	80	74	74
Cedars-Sinai Medical Center	Yes	98	90	92
Centinela Hospital Medical Center	Yes	88	84	85
Children's Hospital Los Angeles	Yes	87	92	94
Citrus Valley Medical Center, IC Campus	No	81	74	63
Citrus Valley Medical Center, QV Campus	No	78	77	56
City of Hope Helford Clinical Research Hosp	ital No	80	71	83
Coast Plaza Hospital	Yes	95	92	91
College Medical Center	No	79	74	47
Community Hospital Long Beach	No	78	74	76
Community Hospital of Huntington Park	Yes	91	73	63
Earl & Loraine Miller Children's Hospital	Yes	91	96	96
East Los Angeles Doctors Hospital	No	67	68	59
Encino Hospital Medical Center	Yes	86	87	86
Foothill Presbyterian Hospital-Johnston	NI	00	74	40
Memorial	No	82	71	46
Garfield Medical Center	No	80	81	80
Glendale Memorial Hospital and Health Cent		78	83	79 70
Glendora Community Hospital	No	60	78	79 76
Good Samaritan Hospital, Los Angeles	Yes	85	83	76
Greater El Monte Community Hospital	No	78	83	80

	On Track to			
County	Achieve 90% by 2020		ination Ra	
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
Los Angeles (continued)				
Henry Mayo Newhall Hospital	Yes	85	78	78
Hollywood Presbyterian Medical Center	No	78	73	67
Huntington Memorial Hospital	Yes	87	76	72
Kaiser Foundation Hospital, Baldwin Park	Yes	95	95	96
Kaiser Foundation Hospital, Downey	Yes	92	92	92
Kaiser Foundation Hospital, Los Angeles	Yes	86	90	90
Kaiser Foundation Hospital, Panorama City	Yes	92	94	94
Kaiser Foundation Hospital, South Bay	Yes	94	96	95
Kaiser Foundation Hospital, West LA	Yes	88	93	93
Kaiser Foundation Hospital, Woodland Hills	Yes	91	94	95
Keck Hospital of USC	Yes	96	95	87
Kindred Hospital, Baldwin Park	No	61	60	60
Kindred Hospital, La Mirada	No	83	82	63
Kindred Hospital, Los Angeles	No	73	62	72
Kindred Hospital, San Gabriel Valley	No	80	51	63
Kindred Hospital, South Bay	No	75	75	73
LAC+USC Medical Center	No	71	61	58
LAC/Harbor-UCLA Medical Center	No	76	72	74
LAC/Olive View-UCLA Medical Center	No	59	55	59
LAC/Rancho Los Amigos National Rehabilit				
Center	No	67	64	60
Lakewood Regional Medical Center	Yes	92	90	71
Long Beach Memorial Medical Center	Yes	93	90	95
Los Angeles Community Hospital	No	64	60	61
Marina Del Rey Hospital	Yes	92	91	92
Martin Luther King, Jr. Community Hospital	Yes	92	84	
Memorial Hospital of Gardena	No	76	71	57
Methodist Hospital of Southern California	No	81	86	82
Miracle Mile Medical Center	Yes	94	97	90
Mission Community Hospital	No	80	65	50
Monrovia Memorial Hospital	No	72	37	34
Monterey Park Hospital	Yes	84	82	77
Northridge Hospital Medical Center	No	79	84	76
Norwalk Community Hospital	No	77	0.0	2.1
Olympia Medical Center	No	76	80	81
Pacific Alliance Medical Center	No	DNR	89	92
Pacifica Hospital of the Valley	No	75	74	73
Palmdale Regional Medical Center	No	68	71	65
PIH Hospital, Downey	Yes	90	77	77
PIH Health Hospital, Whittier	Yes	90	84	88

	On Track to			
County	Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
Los Angeles (continued)				
Pomona Valley Hospital Medical Center	Yes	87	90	88
Promise Hospital of East Los Angeles, East				
Campus	No	DNR	75	61
Promise Hospital of East Los Angeles, Suburban Campus	No	74	78	68
Providence Holy Cross Medical Center	No	75	80	66
Providence Little Company of Mary Medical		70	00	00
Center, San Pedro	No	78	77	54
Providence Little Company of Mary Medical				
Center, Torrance	No	80	80	56
Providence Saint John's Health Center	No	77	80	57
Providence Saint Joseph Medical Center	No	68	79	64
Providence Tarzana Medical Center	No	82	82	57
Ronald Reagan UCLA Medical Center	No	69	67	83
Saint Francis Medical Center	Yes	89	71	81
Saint Vincent Medical Center	No	71	64	78
San Dimas Community Hospital	No	83	90	85
San Gabriel Valley Medical Center	No	76	79	85
Santa Monica UCLA Medical Center and	No	80	00	07
Orthopaedic Hospital	No	82	80 84	87
Sherman Oaks Hospital Silver Lake Medical Center	No No	67	-	80
	Yes	89	68	70 38
Southern California Hospital at Lallyward	Yes		84	
Southern California Hospital at Hollywood		86	92	54
St. Mary Medical Center, Long Beach Torrance Memorial Medical Center	No Yes	80	73	72
		95	95	94
USC Kenneth Norris Jr. Cancer Hospital	Yes Yes	98 97	97 97	86
USC Verdugo Hills Hospital	No No	69		85
Valley Presbyterian Hospital West Covina Medical Center	Yes	88	73	66
			89	79 70
West Hills Hospital & Medical Center	Yes	85	79	79
Whittier Hospital Medical Center	Yes	94	94	94
Madera Community Hospital	Voc	0.4	0F	06
Madera Community Hospital	Yes	84	85	86
Valley Children's Hospital	Yes	99	99	97
Marin	Vec	04	00	00
Kaiser Foundation Hospital, San Rafael	Yes	91	93	92
Kentfield Hospital	No	83	98	83
Marin General Hospital	Yes	92	89	95
Novato Community Hospital	No	76	92	90

County	On Track to Achieve 90% by 2020	Voor	singtion Bot	o* (0/ \
Hospital	(<u>></u> 84% in 2018)		cination Rat 3 2016-17 2	• •
	(<u>></u> 04 /6 III 20 IO)	2017-10	2010-17 2	015-16
Mariposa	No	E 4	0.4	70
John C. Fremont Healthcare District	No	54	84	79
Mendocino	V	00	00	4.5
Adventist Health Howard Memorial	Yes	86	83	45
Adventist Health Ukiah Valley	Yes	90	86	60
Mendocino Coast District Hospital	Yes	99	97	84
Merced			00	0.4
Memorial Hospital Los Banos	Yes	92	92	91
Mercy Medical Center	Yes	90	90	93
Modoc				
Modoc Medical Center	Yes	84	82	93
Surprise Valley Community Hospital	Yes	87	DNR	DNR
Mono				
Mammoth Hospital	Yes	85	90	90
Monterey				
Community Hospital of The Monterey Penins	sula Yes	91	85	85
George L. Mee Memorial Hospital	Yes	86	89	89
Natividad Medical Center	No	73	75	64
Salinas Valley Memorial Hospital	Yes	88	86	86
Napa				
Adventist Health St. Helena	No	77	67	65
Queen of the Valley Medical Center	Yes	87	83	86
Nevada				
Sierra Nevada Memorial Hospital	Yes	87	80	89
Tahoe Forest Hospital	No	83	89	89
Orange				
AHMC Anaheim Regional Medical Center	No	66	56	78
Anaheim Global Medical Center	No	81	94	81
Chapman Global Medical Center	No	69	72	48
Children's Hospital at Mission	No	73	94	94
Children's Hospital of Orange County	Yes	96	97	96
College Hospital Costa Mesa	Yes	89	89	87
Fairview Developmental Center	No	68	78	80
Foothill Regional Medical Center	No	77	69	
Fountain Valley Regional Hospital & Medical				
Center	No	45	44	40
Garden Grove Hospital and Medical Center	Yes	92	91	90
Healthbridge Children's Hospital, Orange	Yes	91	DNR	
HealthSouth Tustin Rehabilitation Hospital	Yes	88	79	85
Hoag Hospital Irvine	Yes	93	89	89
Hoag Memorial Hospital Presbyterian	Yes	93	92	92

	On Track to			
County	Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)		2016-17	• •
Orange (continued)				
Hoag Orthopedic Institute	Yes	94	92	92
Huntington Beach Hospital Kaiser Foundation Hospital, Orange Coun	No ty,	71	77	73
Anaheim Kaiser Foundation Hospital, Orange Coun	Yes ty,	89	90	86
Irvine	Yes	89	90	87
Kindred Hospital, Brea	No	75	87	80
Kindred Hospital, Santa Ana	Yes	97	79	77
Kindred Hospital, Westminster	No	64	54	66
La Palma Intercommunity Hospital	Yes	89	83	82
Los Alamitos Medical Center	Yes	86	89	91
Mission Hospital Laguna Beach	No	72	85	69
Mission Hospital Regional Medical Center	Yes	87	88	82
Orange Coast Memorial Medical Center	Yes	85	85	67
Orange County Global Medical Center	No	83	76	84
Placentia Linda Hospital	Yes	93	91	78
Saddleback Memorial Medical Center	Yes	90	82	83
South Coast Global Medical Center	No	77	54	83
St. Joseph Hospital, Orange	No	67	69	79
St. Jude Medical Center	Yes	87	79	81
University of California Irvine Medical Cen	ter Yes	95	96	96
West Anaheim Medical Center	No	79	72	86
Placer				
Kaiser Foundation Hospital, Roseville	No	83	85	86
Sutter Auburn Faith Hospital	Yes	88	84	87
Sutter Roseville Medical Center	No	81	78	73
Plumas				
Eastern Plumas Hospital, Portola Campus	Yes	86	85	86
Plumas District Hospital	Yes	87	87	91
Seneca District Hospital	Yes	94	93	95
Riverside				
Corona Regional Medical Center	No	74	72	62
Desert Regional Medical Center	No	78	67	85
Eisenhower Medical Center	No	81	79	79
Hemet Valley Medical Center	No	81	81	54
John F. Kennedy Memorial Hospital	Yes	88	91	86
Kaiser Foundation Hospital, Moreno Valle		90	92	92
Kaiser Foundation Hospital, Riverside	Yes	89	89	90
Kindred Hospital, Riverside	No	66	70	50
Loma Linda University Medical Center, Mu		65	66	55

	On Track to			
	Achieve 90% by 2020		ination Rat	
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17 2	2015-16
Riverside (continued)				
Menifee Valley Medical Center	No	79	67	60
Palo Verde Hospital	No	51	50	58
Parkview Community Hospital Medical Center	er No	76	75	74
Riverside Community Hospital	No	72	59	80
Riverside University Health System, Medical				
Center	No	75	77	77
San Gorgonio Memorial Hospital	No	74	78	66
Southwest Healthcare System, Murrieta	No	77	76	74
Southwest Healthcare System, Wildomar	No	76	74	74
Temecula Valley Hospital	No	77	90	80
Sacramento				
Kaiser Foundation Hospital, Sacramento	No	81	83	83
Kaiser Foundation Hospital, South Sacrame		84	85	86
Mercy General Hospital	Yes	90	93	88
Mercy Hospital of Folsom	Yes	87	89	82
Mercy San Juan Medical Center	Yes	91	82	74
Methodist Hospital of Sacramento	Yes	90	79	84
Shriners Hospitals for Children Northern California	Yes	97	96	95
	Yes	91	81	92
Sutter Medical Center, Sacramento		94	91	92
University of California Davis Medical Center				
Vibra Hospital of Sacramento	Yes	88	84	90
San Benito	Von	07	75	04
Hazel Hawkins Memorial Hospital	Yes	87	75	81
San Bernardino	Na	74	00	77
Arrowhead Regional Medical Center	No	74	89	77
Ballard Rehabilitation Hospital	Yes	86	89	92
Barstow Community Hospital	Yes	84	89	86
Bear Valley Community Hospital	Yes	91	87	92
Chino Valley Medical Center	No	79	82	81
Colorado River Medical Center	No	50	50	54
Community Hospital of San Bernardino	No	73	68	72
Desert Valley Hospital	No	80	83	77
Hi-Desert Medical Center	Yes	90	98	81
Kaiser Foundation Hospital, Fontana	Yes	92	92	92
Kaiser Foundation Hospital, Ontario	Yes	90	91	90
Kindred Hospital, Ontario	No	80	78	70
Kindred Hospital, Rancho	Yes	87	91	69
Loma Linda University Children's Hospital	No	77	88	83
Loma Linda University Medical Center	No	76	84	79

	On Track to			
ounty	Achieve 90% by 2020	Vacci	nation Ra	ate* (%)
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
an Bernardino (continued)				
Loma Linda University Medical Center, Ea			0.4	
Campus Hospital	No	67	84	70
Loma Linda University Surgical Hospital	No	66	83	76
Montclair Hospital Medical Center	Yes	90	72	84
Mountains Community Hospital	Yes	90	81	76
Redlands Community Hospital	Yes	94	91	92
San Antonio Regional Hospital	Yes	90	83	85
St. Bernardine Medical Center	No	82	77	81
St. Mary Medical Center, Apple Valley	Yes	86	86	86
Totally Kids Rehabilitation Hospital	No	DNR		
Victor Valley Global Medical Center	No	76	68	67
an Diego				
Alvarado Hospital Medical Center	Yes	88	77	79
Grossmont Hospital	Yes	89	89	90
Kaiser Foundation Hospital, San Diego	Yes	93	94	92
Kaiser Foundation Hospital Zion Medical C	Center Yes	94		
Kindred Hospital, San Diego	No	79	79	71
Palomar Health Downtown Campus	Yes	93	90	86
Palomar Medical Center	Yes	91	92	92
Paradise Valley Hospital	Yes	85	79	79
Pomerado Hospital	Yes	90	92	95
Rady Children's Hospital, San Diego	Yes	99	100	99
Scripps Green Hospital	Yes	91	88	82
Scripps Memorial Hospital, Encinitas	Yes	92	91	88
Scripps Memorial Hospital, La Jolla	Yes	92	90	79
Scripps Mercy Hospital	Yes	91	91	90
Scripps Mercy Hospital Chula Vista	Yes	89	91	84
Sharp Chula Vista Medical Center	Yes	89	88	88
Sharp Coronado Hospital and Healthcare				
Center	No	83	87	86
Sharp Mary Birch Hospital For Women And		00	02	93
Newborns Sharp Momorial Hospital	Yes Yes	90 88	92 90	93
Sharp Memorial Hospital				
Tri-City Medical Center UC San Diego Health Hillcrest, Hillcrest Me	Yes	91	90	88
Center	Yes	98	90	77
UC San Diego Health La Jolla, Jacobs Me				
Center	Yes	98		
Vibra Hospital of San Diego	No	82	83	78
Center	Yes		83	

	On Track to			
	Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
San Francisco				
California Pacific Medical Center, West Cam	ous No	68	60	87
California Pacific Medical Center, Davies	.,			00
Campus California Pacific Medical Center Pacific	No	64	59	88
California Pacific Medical Center, Pacific Campus	No	76	69	87
California Pacific Medical Center, St. Luke's	Yes	84	75	94
Chinese Hospital	No	36	63	74
Kaiser Foundation Hospital, San Francisco	No	83	85	84
Kentfield Hospital San Francisco	No	79		
Laguna Honda Hospital & Rehabilitation Cen	ter Yes	95	93	93
Saint Francis Memorial Hospital	Yes	87	86	91
St. Mary's Medical Center	Yes	90	90	91
UCSF Medical Center	Yes	90	88	87
UCSF Medical Center at Mission Bay	Yes	86		
Zuckerberg San Francisco General Hospital	and			
Trauma Center	No	75	69	76
San Joaquin				
Adventist Health Lodi Memorial	No	81	85	86
Dameron Hospital	Yes	95	90	90
Doctors Hospital of Manteca	No	74	87	87
Kaiser Foundation Hospital, Manteca	No	83	83	
San Joaquin General Hospital	Yes	90	92	90
St. Joseph's Medical Center Of Stockton	Yes	95	87	92
Sutter Tracy Community Hospital	Yes	89	83	89
San Luis Obispo				
French Hospital Medical Center	Yes	91	90	70
Marian Regional Medical Center, Arroyo Gra	nde Yes	95	93	64
Sierra Vista Regional Medical Center	Yes	93	83	75
Twin Cities Community Hospital	Yes	92	96	84
San Mateo				
Kaiser Foundation Hospital, Redwood City	No	82	83	85
Kaiser Foundation Hospital, South San	V	00	00	00
Francisco Manla Bark Surginal Hagnital	Yes	88	90	90
Menlo Park Surgical Hospital	Yes	96	95 97	95
Mills-Peninsula Medical Center	No	83	87	83
San Mateo Medical Center	No	78	73	73
Sequoia Hospital	Yes	87	84	80
Seton Medical Center	Yes	95	89	70

	On Track to			
County	Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
Santa Barbara				
Goleta Valley Cottage Hospital	No	79	96	91
Lompoc Valley Medical Center	Yes	88	92	89
Marian Regional Medical Center	Yes	90	94	83
Santa Barbara Cottage Hospital	Yes	90	95	90
Santa Ynez Valley Cottage Hospital	Yes	95	87	93
Santa Clara				
El Camino Hospital	No	77	43	76
El Camino Hospital Los Gatos	No	69	57	96
Good Samaritan Hospital, San Jose	No	71	93	72
Kaiser Foundation Hospital, San Jose	Yes	91	94	93
Kaiser Foundation Hospital, Santa Clara	Yes	92	94	96
Lucile Packard Children's Hospital Stanfor	rd Yes	89	92	90
Mission Oaks Hospital	No	80	77	
O'Connor Hospital	Yes	84	71	71
Regional Medical Center of San Jose	No	64	86	86
Saint Louise Regional Hospital	Yes	91	90	90
Santa Clara Valley Medical Center	No	64	80	69
Stanford Health Care	Yes	93	94	90
Santa Cruz				
Dominican Hospital	Yes	95	96	96
Sutter Maternity & Surgery Center of Santa	a Cruz Yes	90	97	81
Watsonville Community Hospital	No	77	62	75
Shasta				
Mayers Memorial Hospital	Yes	93	93	86
Mercy Medical Center Redding	Yes	90	93	89
Patients' Hospital of Redding	Yes	96	96	96
Shasta Regional Medical Center	Yes	96	97	93
Vibra Hospital of Northern California	Yes	95	96	98
Siskiyou				
Fairchild Medical Center	Yes	92	93	94
Mercy Medical Center Mt. Shasta	Yes	87	92	91
Solano				
Kaiser Foundation Hospital and Rehab Ce			_	
Vallejo	No	80	84	84
Kaiser Foundation Hospital, Vacaville	Yes	84	88	88
Northbay Medical Center	Yes	91	93	92
Northbay Vacavalley Hospital	Yes	92	92	94
Sutter Solano Medical Center	Yes	86	87	85

	On Track to			
ounty	Achieve 90% by 2020	Vacci	ination Ra	ate* (%)
Hospital	(<u>></u> 84% in 2018)		2016-17	* *
onoma				
Healdsburg District Hospital	No	81	94	84
Kaiser Foundation Hospital, Santa Rosa	Yes	86	87	89
Petaluma Valley Hospital	No	69	70	56
Santa Rosa Memorial Hospital	No	82	78	69
Sonoma Developmental Center	No	64	DNR	
Sonoma Valley Hospital	No	80	81	86
Sonoma West Medical Center	No	76	62	
Sutter Santa Rosa Regional Hospital	No	78	73	70
anislaus				
Central Valley Specialty Hospital	No	76	60	80
Doctors Medical Center	No	83	84	77
Emanuel Medical Center	Yes	88	53	60
HealthSouth Rehabilitation Hospital of Mo	desto Yes	95		
Kaiser Foundation Hospital, Modesto	Yes	84	85	87
Memorial Medical Center	No	78	78	79
Oak Valley District Hospital	No	80	63	73
Stanislaus Surgical Hospital	Yes	93	80	83
utter				
Sutter Surgical Hospital, North Valley	No	80	79	79
ehama				
St. Elizabeth Community Hospital	Yes	94	95	94
inity				
Trinity Hospital	Yes	87	85	DNR
ılare				
Kaweah Delta Medical Center	Yes	98	98	77
Porterville Developmental Center	No	79	66	55
Sierra View Medical Center	No	83	89	96
Tulare Regional Medical Center	No	64	63	65
ıolumne				
Adventist Health Sonora	No	78	82	84
entura				
Adventist Health Simi Valley	No	81	83	87
Community Memorial Hospital, San				
Buenaventura	No	83	79	76
Los Robles Hospital & Medical Center	No	77	68	68
Los Robles Hospital & Medical Center, Ea Campus	ist No	65		
Ojai Valley Community Hospital	No	77	74	74
St Johns Pleasant Valley Hospital	No	67	80	60
St Johns Regional Medical Center	No	78	83	72

County	On Track to Achieve 90% by 2020	Vacci	nation R	ate* (%)
Hospital	(<u>></u> 84% in 2018)	2017-18	2016-17	2015-16
Ventura (continued)				
Thousand Oaks Surgical Hospital	No	65	39	51
Ventura County Medical Center	Yes	84	70	66
Ventura County Medical Center, Santa Pau Hospital	la No	82	DNR	
Yolo				
Sutter Davis Hospital	No	81	85	81
Woodland Memorial Hospital	Yes	93	92	92
Yuba				
Rideout Memorial Hospital	Yes	91	92	87

^{*} Missing data are labeled "**DNR**" if the hospital did not report or left blank to indicate the hospital was not in operation or reported data combined with another hospital.

Table 2. Influenza Vaccination Rates in California Hospitals by Health Care Personnel Group, 2017-18

County	% Vaccinated			
Hospital		Licensed		Students,
*Licensed Independent Practitioner vaccination	Hospital	Independent		Trainees,
rate (bold text) <a>20% lower than Employee rate Alameda	Employees	Practitioners	Personnei	volunteers
Alameda Hospital*	91	43	84	100
Alta Bates Summit Medical Center	80	81	76	99
Alta Bates Summit Medical Center, Alta Bates	83	78	84	98
Campus	03	70	04	90
Children's Hospital & Research Center	85	49	98	40
Oakland*				
Eden Medical Center	89	96	76	95
Fairmont Hospital	100	100		
Highland Hospital*	90	42	86	98
Kaiser Foundation Hospital, Fremont	89	99	40	92
Kaiser Foundation Hospital, Oakland/Richmond	81	91	67	58
Kaiser Foundation Hospital, San Leandro	90	96	83	93
Kindred Hospital, San Francisco Bay Area*	93	39	100	100
San Leandro Hospital*	91	45	72	100
St Rose Hospital	95	91	100	100
Stanford Health Care – ValleyCare	96	97	60	100
Washington Hospital	92	73	100	99
Amador				
Sutter Amador Hospital	87	90	62	93
Butte				
Adventist Health Feather River*	70	44	73	75
Enloe Medical Center, Esplanade	84	79	87	47
Enloe Rehabilitation Center	87			
Orchard Hospital	94	88	100	91
Oroville Hospital	74	77	96	58
Adventist Health Feather River	70	44	73	75
Calaveras				
Mark Twain Medical Center	92	88	57	66
Contra Costa				
Contra Costa Regional Medical Center	84	84	94	96
John Muir Medical Center, Concord Campus	78	68	96	99
John Muir Medical Center, Walnut Creek	83	70	98	83
Campus				
Kaiser Foundation Hospital, Antioch	86	95	100	87
Kaiser Foundation Hospital, Richmond Campus	83	89	75	61
Kaiser Foundation Hospital, Walnut Creek	84	94	60	75
San Ramon Regional Medical Center	91	77	61	82
Sutter Delta Medical Center	91	82		99

County		% Vacci	nated	
Hospital		Licensed		Students,
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Independent Practitioners		Trainees, Volunteers
Del Norte	Ellipioyees	Fractitioners	reisoillei	Volunteers
Sutter Coast Hospital*	95	52	77	95
El Dorado		<u> </u>		
Barton Memorial Hospital	85	87	100	86
Marshall Medical Center	93	77	100	82
Fresno				
Adventist Health Reedley	95	87		74
Adventist Health Selma	92	85		72
Clovis Community Medical Center	88	85		86
Coalinga Regional Medical Center	81	91	55	100
Community Regional Medical Center	85	85		97
Fresno Heart and Surgical Hospital	82	85		
Fresno Surgical Hospital*	88	66	100	
Kaiser Foundation Hospital, Fresno	90	97	43	71
Saint Agnes Medical Center*	98	62	99	100
San Joaquin Valley Rehabilitation Hospital	93	100	100	100
Glenn				
Glenn Medical Center*	88	52	53	
Humboldt				
Jerold Phelps Community Hospital	79	64	13	
Mad River Community Hospital	79	100		36
Redwood Memorial Hospital	93	98	79	100
St. Joseph Hospital, Eureka	91	91	89	96
The General Hospital	89	100		
Imperial				
El Centro Regional Medical Center*	94	49	87	90
Pioneers Memorial Healthcare District*	92	25	38	95
Inyo	-			
Northern Inyo Hospital	92	25	38	95
Southern Inyo Hospital	97	85	93	98
Kern				
Adventist Health Bakersfield	79	76	69	75
Adventist Health Tehachapi Valley	88	100		81
Bakersfield Heart Hospital*	98	58	96	100
Bakersfield Memorial Hospital	74	67	46	74
Delano Regional Medical Center*	93	41		96
Good Samaritan Hospital, Bakersfield*	87	50	67	93
Healthsouth Bakersfield Rehabilitation Hospital*	87	63	100	100
Kern Medical Center*	65	27	56	46
Kern Valley Healthcare District	66	71	60	81

Hospital Licensed Independent Practitioner vaccination rate (bold text) ≥20% lower than Employee rate Hospital Employees Practitioners Personnel Practines Practitioners Pr	County		% Vacci	nated	
Kern (continued) Base (log of text) ≥ 20% lower than Employee rate Employees Precititioners Personnel Volunteer's Kern (continued) 80 71 97 85 Mercy Hospital 83 71 97 85 Ridgecrest Regional Hospital* 92 53 85 95 Kings Adventist Medical Center 92 88 73 Lake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Sutter Lakeside Hospital 95 92 88 75 76 75 76 75 76 75 76 75 76 75 76 75 76 75 76 75 22 76 95 76 95 22 76 95 24 40 76 95 24 40 40 40 40 40 40 40 40 40 40 40 40 40 40	·				•
Kern (continued) 80 71 97 85 Mercy Southwest Hospital 83 71 97 85 Ridgecrest Regional Hospital* 92 53 85 95 Kings Adventist Medical Center 92 88 73 Lake Adventist Health Clearlake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen 80 22 76 95 Los Angeles 80 22 76 95 Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital* 80 79 93 83 Barlow Respiratory Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 Californi	•	•			•
Mercy Hospital 80 71 97 85 Mercy Southwest Hospital 83 71 97 85 Ridgecrest Regional Hospital* 92 53 85 95 Kings Adventist Medical Center 92 88 73 Lake Adventist Health Clearlake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen Banner Lassen Medical Center 95 92 88 76 75 Los Angeles Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital* 80 79 93 83 Barlow Respiratory Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 <th></th> <th>Limployees</th> <th>1 Idottionors</th> <th>T CTOOTHICE</th> <th>Voluntooro</th>		Limployees	1 Idottionors	T CTOOTHICE	Voluntooro
Mercy Southwest Hospital 83 71 97 85 Ridgecrest Regional Hospital* 92 53 85 95 Kings Adventist Medical Center 92 88 73 Lake Sutter Lakeside Hospital 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen Banner Lassen Medical Center 95 92 Los Angeles Banner Lassen Medical Center 95 92 Los Angeles Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital* 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 <td>•</td> <td>80</td> <td>71</td> <td>97</td> <td>85</td>	•	80	71	97	85
Ridgecrest Regional Hospital* 92 53 85 95 Kings	•	83	71	97	85
Kings Adventist Medical Center 92 88 73 Lake Value of the control of the	•	92	53	85	95
Adventist Medical Center 92 88 73 Lake Adventist Health Clearlake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen Banner Lassen Medical Center 95 92 Los Angeles Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 80 79 93 83 Barlow Respiratory Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 <					
Lake Adventist Health Clearlake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen 80 22 76 95 Banner Lassen Medical Center 80 22 76 95 Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital* 80 79 93 83 Barlow Respiratory Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 89 77 100 100		92	88		73
Adventist Health Clearlake 57 44 67 32 Sutter Lakeside Hospital 75 97 76 75 Lassen Sanner Lassen Medical Center 95 92 Section 1 10 10 Los Angeles Section 1 22 76 95 95 94 10					
Lassen 95 92 Los Angeles 80 22 76 95 Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 <td< td=""><td></td><td>57</td><td>44</td><td>67</td><td>32</td></td<>		57	44	67	32
Lassen 95 92 Los Angeles 80 22 76 95 Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, QV Campus 7	Sutter Lakeside Hospital	75	97	76	75
Los Angeles Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 <td>·</td> <td></td> <td></td> <td></td> <td></td>	·				
Los Angeles Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus	Banner Lassen Medical Center	95	92		
Adventist Health Glendale* 80 22 76 95 Adventist Health White Memorial* 75 23 82 65 Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89					
Alhambra Hospital Medical Center 82 88 95 94 Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 <td></td> <td>80</td> <td>22</td> <td>76</td> <td>95</td>		80	22	76	95
Antelope Valley Hospital 80 79 93 83 Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Adventist Health White Memorial*	75	23	82	65
Barlow Respiratory Hospital* 93 44 100 100 Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Alhambra Hospital Medical Center	82	88	95	94
Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Antelope Valley Hospital	80	79	93	83
Beverly Hospital* 87 25 67 94 California Hospital Medical Center, Los Angeles 80 100 93 93 California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Barlow Respiratory Hospital*	93	44	100	100
California Rehabilitation Institute 91 95 81 Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	• • •	87	25	67	94
Casa Colina Hospital 81 91 70 100 Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	California Hospital Medical Center, Los Angeles	80	100	93	93
Catalina Island Medical Center 78 100 100 100 Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	California Rehabilitation Institute	91	95	81	
Cedars-Sinai Medical Center 98 99 99 92 Centinela Hospital Medical Center 89 77 100 100 Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Casa Colina Hospital	81	91	70	100
Centinela Hospital Medical Center8977100100Children's Hospital Los Angeles94927075Citrus Valley Medical Center, IC Campus76979384Citrus Valley Medical Center, QV Campus77998974City of Hope Helford Clinical Research Hospital86936477Coast Plaza Hospital919995100	Catalina Island Medical Center	78	100	100	100
Children's Hospital Los Angeles 94 92 70 75 Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Cedars-Sinai Medical Center	98	99	99	92
Citrus Valley Medical Center, IC Campus 76 97 93 84 Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Centinela Hospital Medical Center	89	77	100	100
Citrus Valley Medical Center, QV Campus 77 99 89 74 City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Children's Hospital Los Angeles	94	92	70	75
City of Hope Helford Clinical Research Hospital 86 93 64 77 Coast Plaza Hospital 91 99 95 100	Citrus Valley Medical Center, IC Campus	76	97	93	84
Coast Plaza Hospital 91 99 95 100	Citrus Valley Medical Center, QV Campus	77	99	89	74
•	City of Hope Helford Clinical Research Hospital	86	93	64	77
College Medical Contant	Coast Plaza Hospital	91	99	95	100
College iviedical Center 83 36 75 100	College Medical Center*	83	36	75	100
Community Hospital Long Beach* 92 46 98	Community Hospital Long Beach*	92	46		98
Community Hospital of Huntington Park 91 82 100	Community Hospital of Huntington Park	91	82		100
Earl & Loraine Miller Children's Hospital* 99 62 99 100	Earl & Loraine Miller Children's Hospital*	99	62	99	100
East Los Angeles Doctors Hospital* 76 9 100	East Los Angeles Doctors Hospital*	76	9		100
Encino Hospital Medical Center 82 95 87 100	Encino Hospital Medical Center	82	95	87	100
Foothill Presbyterian Hospital - Johnston 75 98 96 83 Memorial	·	75	98	96	83
Garfield Medical Center* 93 44 87 100		93	44	87	100
Glendale Memorial Hospital and Health Center* 86 64 63 100	Glendale Memorial Hospital and Health Center*	86	64	63	100
Glendora Community Hospital* 67 45	Glendora Community Hospital*	67	45		

County	% Vaccinated			
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital	Licensed Independent		Students, Trainees,
Los Angeles (continued)	Employees	Practitioners	Personnei	volunteers
Good Samaritan Hospital, Los Angeles	86	73	83	96
Greater El Monte Community Hospital*	87	47	77	97
Henry Mayo Newhall Hospital	82	79	96	92
Hollywood Presbyterian Medical Center*	84	53	74	81
Huntington Memorial Hospital	91	78	51	90
Kaiser Foundation Hospital, Baldwin Park	94	100	88	100
Kaiser Foundation Hospital, Downey	92	97	98	64
Kaiser Foundation Hospital, Los Angeles	89	97	75	53
Kaiser Foundation Hospital, Panorama City	92	92	62	97
Kaiser Foundation Hospital, South Bay	94	98	100	92
Kaiser Foundation Hospital, West LA	88	97	84	78
Kaiser Foundation Hospital, Woodland Hills	93	99	100	66
Keck Hospital of USC	94	96	97	100
Kindred Hospital, Baldwin Park*	71	29	88	100
Kindred Hospital, La Mirada	89	70	74	100
Kindred Hospital, Los Angeles	69	92	, ,	100
Kindred Hospital, San Gabriel Valley	76	81	82	100
Kindred Hospital, South Bay*	83	47	60	100
LAC+USC Medical Center	76	73	53	77
LAC/Harbor UCLA Medical Center	85	74	64	61
LAC/Olive View UCLA Medical Center	77	73	39	53
LAC/Rancho Los Amigos National Rehabilitation Center	80	65	60	53
Lakewood Regional Medical Center	92	91	88	98
Long Beach Memorial Medical Center*	99	64	99	100
Los Angeles Community Hospital	52	78		100
Marina Del Rey Hospital	91	91	100	100
Martin Luther King Jr. Community Hospital	90	93	95	100
Memorial Hospital of Gardena*	81	39	100	96
Methodist Hospital of Southern California	86	77		63
Miracle Mile Medical Center	94	89	100	
Mission Community Hospital	75	89	84	100
Monrovia Memorial Hospital	69	90	61	
Monterey Park Hospital*	91	68	98	100
Northridge Hospital Medical Center*	88	57		73
Norwalk Community Hospital	76	78		100
Olympia Medical Center*	89	33	97	99
Pacific Alliance Medical Center				
Pacifica Hospital of the Valley*	82	15	100	97

County Hospital	% Vaccinated Licensed Stud			Students,
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Independent Practitioners		Trainees,
Los Angeles (continued)				
Palmdale Regional Medical Center*	80	19	98	100
PIH Health Hospital, Downey	89	100	69	93
PIH Health Hospital, Whittier	91	93	80	86
Pomona Valley Hospital Medical Center	88	74	59	99
Promise Hospital of East Los Angeles, East L.A Campus				
Promise Hospital of East Los Angeles, Suburban Campus	74	70	78	97
Providence Holy Cross Medical Center*	84	47	18	76
Providence Little Company of Mary Medical Center San Pedro	80	73	22	79
Providence Little Company of Mary Medical Center Torrance	81	89	18	83
Providence Saint John's Health Center	76	86	3	86
Providence Saint Joseph Medical Center*	86	30	12	38
Providence Tarzana Medical Center	84	96	11	54
Ronald Reagan UCLA Medical Center	67	98	85	96
Saint Francis Medical Center	87	100	100	100
Saint Vincent Medical Center*	84	32	80	96
San Dimas Community Hospital*	88	62	75	100
San Gabriel Valley Medical Center*	87	49	85	93
Santa Monica, UCLA Medical Center and Orthopaedic Hospital	80	98	100	100
Sherman Oaks Hospital	79	95	94	100
Silver Lake Medical Center*	84	6	80	60
Southern California Hospital at Culver City	88	94		100
Southern California Hospital at Hollywood	90	74		
St. Mary Medical Center, Long Beach*	88	29		93
Torrance Memorial Medical Center	94	97	93	96
USC Kenneth Norris Jr. Cancer Hospital	95	95	99	100
USC Verdugo Hills Hospital	97	98	95	97
Valley Presbyterian Hospital*	79	16		90
West Covina Medical Center*	96	59	75	
West Hills Hospital & Medical Center*	93	43	100	99
Whittier Hospital Medical Center	94	90	95	95
Madera				
Madera Community Hospital*	91	28	78	91
Valley Children's Hospital	99	99	100	91
Marin				
Kaiser Foundation Hospital, San Rafael	90	98	89	93

County		% Vacci	nated	
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Licensed Independent Practitioners		Students, Trainees, Volunteers
Marin (continued)	Employees	Practitioners	Personner	volunteers
Kentfield Hospital	82	100	100	100
Marin General Hospital	92	91	100	92
Novato Community Hospital*	86	59	66	100
	00	33	00	100
Mariposa John C. Fremont Healthcare District	53	45	100	48
Mendocino				
Adventist Health Howard Memorial	87	81		81
Adventist Health Ukiah Valley	87	100	96	100
Mendocino Coast District Hospital	98	100	100	100
Merced	87	81		81
Memorial Hospital Los Banos*	97	77	50	97
Mercy Medical Center*	93	62	93	96
Modoc				
Modoc Medical Center	87	100	70	88
Surprise Valley Community Hospital*	93	67	0	
Mono				
Mammoth Hospital*	89	62	100	
Monterey				
Community Hospital of The Monterey Peninsula	91	81	91	97
George L. Mee Memorial Hospital	91	78	79	82
Natividad Medical Center*	77	50	65	95
Salinas Valley Memorial Hospital*	89	66	90	98
Napa				
Adventist Health St. Helena	76	65	72	100
Queen of the Valley Medical Center	90		81	78
Nevada			•	
Sierra Nevada Memorial Hospital	86	89	76	92
Tahoe Forest Hospital*	87	63	76	79
Orange	•		. •	. •
AHMC Anaheim Regional Medical Center*	82	25	84	78
Anaheim Global Medical Center	79	100	0 1	100
Chapman Global Medical Center*	88	20	100	100
Children's Hospital at Mission*	94	61	100	99
Children's Hospital of Orange County	97	94	66	99
College Hospital Costa Mesa	89	96		89
Fairview Developmental Center	64	100	92	95
Foothill Regional Medical Center*	81	59	55	100
Fountain Valley Regional Hospital Med Center*	87	21	24	21
Garden Grove Hospital and Medical Center	94	100	96	70

County		% Vacci	nated	
Hospital		Licensed		Students,
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Independent Practitioners		Trainees,
Orange (continued)	Ellipioyees	Fractitioners	reisoillei	Volunteers
Healthbridge Children's Hospital, Orange*	93	17		100
Healthsouth Tustin Rehabilitation Hospital	85	78		100
Hoag Hospital Irvine	93	92		95
Hoag Memorial Hospital Presbyterian	92	92		96
Hoag Orthopedic Institute	92	97		95
Huntington Beach Hospital*	81	39	89	96
Kaiser Foundation Hospital, Orange County, Anaheim	89	94	100	85
Kaiser Foundation Hospital, Orange County, Irvine	89	95		86
Kindred Hospital, Brea	68	92	90	
Kindred Hospital, Santa Ana	95	98	100	100
Kindred Hospital, Westminster*	65	38	79	98
La Palma Intercommunity Hospital	89	83		100
Los Alamitos Medical Center	84	82	91	97
Mission Hospital Laguna Beach*	92	50	70	89
Mission Hospital Regional Medical Center*	94	54	90	97
Orange Coast Memorial Medical Center	81	88		98
Orange County Global Medical Center*	87	62	89	98
Placentia Linda Hospital	94	87	95	99
Saddleback Memorial Medical Center	88	85	95	99
South Coast Global Medical Center	67	92	83	99
St. Joseph Hospital, Orange*	77	19	96	86
St. Jude Medical Center	92	78		77
University of California Irvine Medical Center*	95	67	97	99
West Anaheim Medical Center	76	78	94	100
Placer				
Kaiser Foundation Hospital, Roseville	83	90	75	83
Sutter Auburn Faith Hospital	85	92	100	99
Sutter Roseville Medical Center	84	67	72	89
Plumas				
Eastern Plumas Hospital, Portola Campus	85	89	67	96
Plumas District Hospital	89	81	81	100
Seneca District Hospital	93	100		100
Riverside				
Corona Regional Medical Center*	81	40		100
Desert Regional Medical Center*	87	38	78	87
Eisenhower Medical Center*	91	45	45	82
Hemet Valley Medical Center*	82	57	90	94

County		% Vacci	nated	
Hospital		Licensed		Students,
*Licensed Independent Practitioner vaccination	Hospital	Independent		Trainees,
rate (bold text) >20% lower than Employee rate Riverside (continued)	Employees	Practitioners	Personnei	Volunteers
John F. Kennedy Memorial Hospital*	97	49	100	82
Kaiser Foundation Hospital, Moreno Valley	90	100	91	100
Kaiser Foundation Hospital, Riverside	92	97	61	65
Kindred Hospital, Riverside*	66	33	95	85
Loma Linda University Medical Center,	82	7	98	89
Murrieta*	02	,	90	09
Menifee Valley Medical Center*	91	52	83	91
Palo Verde Hospital	51	50	50	
Parkview Community Hospital Medical Center	76	65	66	87
Riverside Community Hospital*	82	25		88
Riverside University Health System, Medical	73	82	71	94
Center				
San Gorgonio Memorial Hospital	72	70	61	89
Southwest Healthcare System, Murrieta*	93	48	75	96
Southwest Healthcare System, Wildomar*	88	48	75	96
Temecula Valley Hospital*	87	39		84
Sacramento				
Kaiser Foundation Hospital, Sacramento	80	94	64	79
Kaiser Foundation Hospital, South Sacramento	89	91	68	53
Mercy General Hospital	92	91	79	89
Mercy Hospital of Folsom	91	90	70	79
Mercy San Juan Medical Center	88	95	100	88
Methodist Hospital of Sacramento	93	81		93
Shriners Hospitals for Children Northern California	95	100	100	99
Sutter Medical Center, Sacramento	90	86		99
University of California Davis Medical Center	92		99	100
Vibra Hospital of Sacramento	89	84		
San Benito				
Hazel Hawkins Memorial Hospital	87	90	95	78
San Bernardino				
Arrowhead Regional Medical Center	86	97	51	46
Ballard Rehabilitation Hospital	88	93	56	98
Barstow Community Hospital*	90	68	73	71
Bear Valley Community Hospital	89	94	100	100
Chino Valley Medical Center*	81	61	100	100
Colorado River Medical Center	49	100		
Community Hospital of San Bernardino	68	73	62	99
Desert Valley Hospital*	82	62		80
Hi-Desert Medical Center	91	93	100	84

County Hospital		% Vacci	nated	Students,
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Independent		Trainees,
San Bernardino (continued)	Linployees	1 lactitioners	1 CI 30IIIICI	Volunteers
Kaiser Foundation Hospital, Fontana	91	97	96	96
Kaiser Foundation Hospital, Ontario	89	95	50	97
Kindred Hospital, Ontario	76	89	79	75
Kindred Hospital, Rancho*	88	66	100	100
Loma Linda University Children's Hospital*	79	59		100
Loma Linda University Medical Center*	77	53		100
Loma Linda University Medical Center East Campus Hospital	71	53		100
Loma Linda University Surgical Hospital*	74	53		100
Montclair Hospital Medical Center	89	91		100
Mountains Community Hospital	92	89	50	88
Redlands Community Hospital	96	91	100	83
San Antonio Regional Hospital	89	99	91	92
St. Bernardine Medical Center	85	76		60
St. Mary Medical Center, Apple Valley	84	100	91	87
Totally Kids Rehabilitation Hospital				
Victor Valley Global Medical Center*	83	44	97	96
San Diego				
Alvarado Hospital Medical Center	84	98		98
Grossmont Hospital	92	84	84	88
Kaiser Foundation Hospital Zion Medical Center	93	99	100	97
Kaiser Foundation Hospital, San Diego	93	98		
Kindred Hospital, San Diego*	83	54	90	100
Palomar Health Downtown Campus	91	94	91	96
Palomar Medical Center	90	92	96	92
Paradise Valley Hospital	87	68	100	100
Pomerado Hospital	89	91	93	92
Rady Children's Hospital, San Diego	99	92	100	100
Scripps Green Hospital	93	93	94	79
Scripps Memorial Hospital, Encinitas	93	92	94	88
Scripps Memorial Hospital, La Jolla	95	92	94	83
Scripps Mercy Hospital	93	88	93	85
Scripps Mercy Hospital Chula Vista	91	88	94	83
Sharp Chula Vista Medical Center*	95	72	82	90
Sharp Coronado Hospital and Healthcare Center	90	78	77	80
Sharp Mary Birch Hospital For Women And Newborns*	93	73	92	95
Sharp Memorial Hospital	93	78	75	93
Tri-City Medical Center	87	88	98	98

County		% Vacci	nated	
Hospital		Licensed		Students,
*Licensed Independent Practitioner vaccination	Hospital	Independent		Trainees,
rate (bold text) >20% lower than Employee rate San Diego (continued)	Employees	Practitioners	Personnei	volunteers
UC San Diego Health Hillcrest, Hillcrest Medical	97	99		100
Center	01	00		100
UC San Diego Health La Jolla - Jacobs Medical	97	100		100
Center & Sulpizio Cardiovascular Center				
Vibra Hospital of San Diego*	86	63		
San Francisco		4-		
California Pacific Medical Center, California	89	47	73	71
West Campus Hospital* California Pacific Medical Center, Davies	91	47	53	66
Campus Hospital*	91	71	33	00
California Pacific Medical Center, Pacific	89	47	68	66
Campus Hospital*				
California Pacific Medical Center, St. Luke's	84	91	67	79
Campus Hospital	0.4	20		20
Chinese Hospital	34	39	40	38
Kaiser Foundation Hospital, San Francisco	84	96	42	82
Kentfield Hospital San Francisco	79			400
Laguna Honda Hospital & Rehabilitation Center	95	70	00	100
Saint Francis Memorial Hospital	88	73	98	100
St. Mary's Medical Center	94	75	94	94
UCSF Medical Center	89	90		98
UCSF Medical Center at Mission Bay*	91	58		77
Zuckerberg San Francisco General Hospital and Trauma Center	83	97	24	42
San Joaquin				
Adventist Health Lodi Memorial*	87	59		18
Dameron Hospital	95	92		100
Doctors Hospital of Manteca*	90	18	88	99
Kaiser Foundation Hospital, Manteca	84	95	33	58
San Joaquin General Hospital	90			
St. Joseph's Medical Center Of Stockton	94	92	99	98
Sutter Tracy Community Hospital	90	83	91	87
San Luis Obispo				
French Hospital Medical Center*	95	71	89	98
Marian Regional Medical Center, Arroyo Grande	97	95	78	93
Sierra Vista Regional Medical Center*	97	76	95	95
Twin Cities Community Hospital	96	86	90	81
San Mateo				
Kaiser Foundation Hospital, Redwood City	83	86	45	61
Kaiser Foundation Hospital, South San Francisco	88	93	81	75

County	% Vaccinated			
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Licensed Independent Practitioners		Students, Trainees, Volunteers
San Mateo (continued)	Linployees	Tractitioners	T CTOOTHICE	Volunteers
Menlo Park Surgical Hospital	97	96	100	100
Mills-Peninsula Medical Center*	83	55	67	100
San Mateo Medical Center*	81	55	77	88
Sequoia Hospital	89	89	68	84
Seton Medical Center	95	96	94	96
Santa Barbara				
Goleta Valley Cottage Hospital	96	99		37
Lompoc Valley Medical Center	88	82		93
Marian Regional Medical Center*	95	54	97	99
Santa Barbara Cottage Hospital	95	98		61
Santa Ynez Valley Cottage Hospital	92	100		95
Santa Clara				
El Camino Hospital*	92	44	78	56
El Camino Hospital Los Gatos*	94	34	91	49
Good Samaritan Hospital, San Jose*	92	24		77
Kaiser Foundation Hospital, San Jose	90	95	86	96
Kaiser Foundation Hospital, Santa Clara	92	96	72	85
Lucile Packard Children's Hospital Stanford	89	96	85	88
Mission Oaks Hospital	80			
O'Connor Hospital*	95	49		100
Regional Medical Center of San Jose*	85	39	37	62
Santa Clara Valley Medical Center*	75	10	2	18
St. Louise Regional Hospital	92	91	82	93
Stanford Health Care	92	93	93	93
Santa Cruz				
Dominican Hospital	95	92	96	100
Sutter Maternity & Surgery Center of Santa Cruz	83	99	87	100
Watsonville Community Hospital*	88	31	92	100
Shasta				
Mayers Memorial Hospital	95	100	100	83
Mercy Medical Center Redding	93	76	96	91
Patients' Hospital of Redding	96	96		100
Shasta Regional Medical Center	96	94	100	100
Vibra Hospital of Northern California	94	100	95	100
Siskiyou				
Fairchild Medical Center	94	100	75	91
Mercy Medical Center Mt. Shasta	91	81		79

County		% Vaccinated			
*Licensed Independent Practitioner vaccination rate (bold text) >20% lower than Employee rate	Hospital Employees	Licensed Independent Practitioners		Students, Trainees, Volunteers	
Solano	, ,				
Kaiser Foundation Hospital and Rehab Center, Vallejo	79	94	80	81	
Kaiser Foundation Hospital, Vacaville	83	90		83	
Northbay Medical Center	92	85		93	
Northbay Vacavalley Hospital	95	85		93	
Sutter Solano Medical Center	86	85	67	87	
Sonoma					
Healdsburg District Hospital*	94	35	100	96	
Kaiser Foundation Hospital, Santa Rosa	86	94	58	33	
Petaluma Valley Hospital*	88	49	73	53	
Santa Rosa Memorial Hospital*	90	58	68	77	
Sonoma Developmental Center	62	64	100	95	
Sonoma Valley Hospital	78	86		90	
Sonoma West Medical Center	75	77		87	
Sutter Santa Rosa Regional Hospital*	80	42		100	
Stanislaus					
Central Valley Specialty Hospital*	80	53		42	
Doctors Medical Center*	93	56	77	74	
Emanuel Medical Center*	95	51	58	90	
HealthSouth Rehabilitation Hospital of Modesto	96	100	91	86	
Kaiser Foundation Hospital, Modesto	84	96	20	60	
Memorial Medical Center*	85	43	84	94	
Oak Valley Hospital District*	82	61	82	88	
Stanislaus Surgical Hospital	96	90			
Sutter					
Sutter Surgical Hospital, North Valley*	92	44	81	100	
Tehama					
St. Elizabeth Community Hospital	94	91	91	98	
Trinity					
Trinity Hospital	85	88	100	100	
Tulare					
Kaweah Delta Medical Center	98	97	100	100	
Porterville Developmental Center	79				
Sierra View Medical Center*	95	44	43	89	
Tulare Regional Medical Center	59	80	58	93	
Tuolumne					
Adventist Health Sonora	82	86	47	85	

County Hospital	% Vaccinated Licensed Students,			
*Licensed Independent Practitioner vaccination rate (bold text) ≥20% lower than Employee rate	Hospital Employees	Independent		Trainees,
Ventura				
Adventist Health Simi Valley	80	79	86	82
Community Memorial Hospital, San Buenaventura*	89	51		100
Los Robles Hospital & Medical Center*	77	52	79	89
Los Robles Hospital & Medical Center, East Campus*	90	52	79	100
Ojai Valley Community Hospital*	79	50	50	57
St Johns Pleasant Valley Hospital*	88	32	91	97
St Johns Regional Medical Center*	92	31	92	98
Thousand Oaks Surgical Hospital*	75	52	79	88
Ventura County Medical Center	80	94		93
Ventura County Medical Center, Santa Paula Hospital	81	94		
Yolo				
Sutter Davis Hospital*	93	66	75	90
Woodland Memorial Hospital	97	84	100	96
Yuba				
Rideout Memorial Hospital	96	80	70	57

Bold text in table indicates vaccination rate for Licensed Independent Practitioners ≥20% lower Employee rate

Table 3. Influenza Vaccination of Health Care Personnel (HCP) in California Hospitals by County and Mandatory Mask Health Order, 2017-18

Mandatory Mask He	eaith Order, 2017-	-18			On Trook to
		Number of Reporting	Number of	HCP	On Track to Achieve 90% by 2020 (≥84% in
County	Mask Required	Hospitals	HCP	Vaccinated (%)	2017-18)
38 counties	Yes*	307	767,682	84	Yes
17 counties	No*	93	168,998	83	No
Alameda	Yes	15	37,900	85	Yes
Amador	Yes	1	663	87	Yes
Butte	Yes	5	8,890	77	No
Calaveras	Yes	1	424	88	Yes
Contra Costa	Yes	8	24,410	83	No
Del Norte	No	1	514	89	Yes
El Dorado	Yes	2	3,443	88	Yes
Fresno	Yes	11	26,548	90	Yes
Glenn	No	1	160	79	No
Humboldt	Yes	5	3,142	88	Yes
Imperial	No	2	2,975	84	Yes
Inyo	No	1	609	96	Yes
Kern	No	12	16,240	76	No
Kings	No	1	1,969	90	Yes
Lake	No	2	1,308	64	No
Lassen	No	1	251	94	Yes
Los Angeles	Yes	93	260,397	83	No
Madera	No	1	1,206	84	Yes
Marin	Yes	4	5,558	89	Yes
Mariposa	Yes	1	338	54	No
Mendocino	Yes	3	1,916	91	Yes
Merced	Yes	2	2,680	90	Yes
Modoc	Yes	2	338	85	Yes
Mono	Yes	1	507	85	Yes
Monterey	Yes	4	9,332	85	Yes
Napa	Yes	2	3,668	81	No
Nevada	Yes	2	2,413	85	Yes
Orange	No	34	76,076	83	No
Placer	Yes	3	11,301	83	No
Plumas	No	3	690	89	Yes
Riverside	No	18	37,138	78	No
Sacramento	Yes	10	45,434	90	Yes
San Benito	Yes	1	1,013	87	Yes
San Bernardino	Yes	24	53,707	80	No
San Diego	Yes	23	70,589	92	Yes
San Francisco	Yes	13	40,246	81	No

County	Mask Required	Number of Reporting Hospitals	Number of HCP	HCP Vaccinated (%)	On Track to Achieve 90% by 2020 (≥84% in 2017-18)
San Joaquin	Yes	7	11,943	88	Yes
San Luis Obispo	Yes	4	4,086	92	Yes
San Mateo	No	7	14,022	86	Yes
Santa Barbara	Yes	5	8,391	89	Yes
Santa Clara	Yes	12	64,098	82	No
Santa Cruz	Yes	3	4,483	90	Yes
Shasta	Yes	5	5,232	93	Yes
Siskiyou	No	2	1,245	90	Yes
Solano	Yes	5	12,634	85	Yes
Sonoma	Yes	8	11,895	79	No
Stanislaus	Yes	8	14,079	82	No
Sutter	No	1	179	80	No
Tehama	Yes	1	905	94	Yes
Trinity	Yes	1	229	87	Yes
Tulare	No	4	7,193	91	Yes
Tuolumne	Yes	1	2,035	78	No
Ventura	Yes	10	15,052	77	No
Yolo	Yes	2	2,229	87	Yes
Yuba	No	1	2,757	91	Yes

^{* &}quot;Yes" indicates county with a policy or local health order requiring HCP who refuse vaccination to wear a surgical mask while in the hospital during influenza season. "No" indicates county without such a policy or health order. Alpine, Colusa, and Sierra counties excluded; no acute care hospitals in operation.

References

- Grohskopf LA, Sokolow LZ, Broder KR, et al. (2017). "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2017–18 Influenza Season". MMWR Recomm Rep, 66 (No. RR-2):1–20. DOI: http://dx.doi.org/10.15585/mmwr.rr6602a1 (accessed 9.27.2018).
- 2. U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion. "Healthy People 2020," https://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases/objectives?topicld=23 (accessed 9.27.2018).
- 3. The Joint Commission. (2009). "Providing a Safer Environment for Health Care Personnel and Patients Through Influenza Vaccination Strategies from Research and Practice," https://www.jointcommission.org/providing a safer environment/ (accessed 9.27.2018).
- 4.. National Vaccine Advisory Committee. (2013). "Strategies to Achieve the Healthy People 2020 Annual Influenza Vaccine Coverage Goal for Health-Care Personnel". Public Health Reports, 128(7), http://journals.sagepub.com/doi/pdf/10.1177/003335491312800103 (accessed 9.27.2018).
- 5.. Kufel, W.D., D. M. Williams, and D.J. Weber. (2017). "Improving immunization practices in United States hospitals and health systems". International Journal of Health Governance, 22(3): p. 199-211, http://dx.doi.org/10.1108/IJHG-06-2017-0028 (accessed 9.27.2018).
- 6. Nowalk, M.P., Lin, C.J., Raymund, M., Bialor, M., Zimmerman, R.K. (2013). "Impact of hospital policies on health care workers' influenza vaccination rates". American Journal of Infection Control, 41: p. 697-701. http://dx.doi.org/10.1016/j.ajic.2012.11.011 (accessed 9.27.2018).