Local ID Number: _____

California Department of Public Health Center for Infectious Diseases Division of Communicable Disease Control Infectious Diseases Branch Surveillance and Statistics Section MS 7306, P.O. Box 997377 Sacramento, CA 95899-7377

CHIKUNGUNYA CASE REPORT

Please note: Prompt, standardized interview of all cases of chikungunya is <u>strongly encouraged</u> to improve the accuracy of recall of possible sources of infection. Jurisdictions that choose to use this form should send completed forms to the Surveillance and Statistics Section by mail through your communicable disease reporting staff. For jurisdictions participating in CalREDIE, entry of information into the CalREDIE form will facilitate investigations and surveillance.

PATIENT INFORMATION										
Last Name	st Name First Name		Middle Name Suffix			Suffix	Primary Language			
								□ English		
Social Security Number (9 digits	s)		DOB (mm/da	l/yyyy)		Age	☐ Years	☐ Spanish		
							☐ Months	☐ Other:		
							□ Days	Ethnicity (check one)		
Address Number & Street – Re-	sidence			Apartn	nent / L	Init Numi	ber	☐ Hispanic/Latino		
								☐ Non-Hispanic/Non-La	tino	
City / Town				State		Zip Code		□ Unknown		
								Race(s)		
Census Tract	County of Res	idend	e	Counti	ry of Re	esidence		` , , , , ,	ce descriptions on page 7)	
									m should be based on the	
Country of Birth		If n	ot U.S. Born - I	Date of A	Arrival i	in U.S. (n	nm/dd/yyyy)		self-reporting. Therefore, ed the option of selecting	
	ı							more than one racial des		
Home Telephone	Cellulai	^r Phoi	ne / Pager		Work /	School 7	Telephone	☐ American Indian or Al	laska Native	
								☐ Asian (check all that a	apply, see list on page 7)	
E-mail Address			Other Electronic Contact Information					☐ Asian Indian	☐ Korean	
W 1 10 1 11 11			W + / 2 + / 2 + / 2 + /					□ Bangladeshi	☐ Laotian	
Work / School Location			Work / School Contact					□ Cambodian	☐ Malaysian	
Gender								☐ Chinese	□ Pakistani	
☐ Female ☐ Trans female / t	ranswoman	⊓ ദം	nderqueer or n	on-hina	n/ 🗆	Unknow	n	☐ Filipino	☐ Sri Lankan	
☐ Male ☐ Trans male/ trans			ntity not listed □ Declined to answer				☐ Hmong	□ Taiwanese		
Pregnant?	ioman		If Yes, Est. Delivery Date (mm/dd/yyyy)				☐ Indonesian	□ Thai		
☐ Yes ☐ No ☐ Unknown							<i>)</i> /	☐ Japanese	☐ Vietnamese	
Medical Record Number			Patient's Pare	ent/Guar	dian Na	ame		Other:		
								☐ Black or African-American		
Occupation Setting (see list on	page 8)		Other Describe/Specify					☐ Native Hawaiian or O (check all that apply,		
	,		, ,				□ Native Hawaiian	□ Samoan		
Occupation (see list on page 8)			Other Describ	e/Sneci	fv			□ Fijian	☐ Tongan	
Geoupation (see list on page o)			Other Describe/Specify				, □ Guamanian	J		
								☐ Other:		
								☐ White		
								☐ Other:		
								□ Unknown		
ADDITIONAL PATIENT DE	MOGRAPHIC	S						_ Critatiowiii		
ADDITIONAL PATIENT DE	INIOGRAFIIC	3								
Sex Assigned at Birth			ntation							
☐ Female ☐ Unknown			xual or straight				•	e, or patient doesn't know	☐ Declined to answer	
☐ Male ☐ Declined to an:	swer □ Gay □ Bise		ian, or same-g	enaer 10	ving	⊔ Orien	tation not liste	u	□ Unknown	

CDPH 8618 (revised 10/23) Page 1 of 8

CHIKUNGUNYA CASE REPORT									
First three letters of patient's last name:									

CLINICAL INFORMAT	ION												
Physician Name - Last Name				First Name					Tele	Telephone Number			
SIGNS AND SYMPTO	MS												
Symptomatic? ☐ Yes ☐ No ☐ Unknown	own	Oi	nset Da	ate (mm/dd/yy	<i>'YY</i>)				Date Fi	rst Sou	ght Me	edical (Care (mm/dd/yyyy)
Signs / Symptoms	Yes	No	Unk	If Yes, Spec	ify as	Noted	Signs / S	Symp	otoms	Yes	No	Unk	If Yes, Specify as Noted
Fever				Highest tem	peratu	ure (specify °F/°C)	Rash						<i>Maculopapular?</i> □ Yes □ No □ Unknown
Headache							Nausea	or vo	miting				
Eye pain							Diarrhea	1					
Muscle ache							Chills						
Joint pain				Joint(s)			Cough						
Joint swelling							Abdomin	nal pa	in				
Arthritis							Fatigue						
Other symptom(s) (specif	<i>y)</i>												
PAST MEDICAL HIST	ORY												
Has the patient been prev		diagno	sed wit	h chikunguny	a?	If Yes, date of dia	agnosis (n	mm/d	d/yyyy)				
Does the patient have a h		of cardi	iovascı	ılar disease?		Hypertension?					Diabe		
☐ Yes ☐ No ☐ Unknow						□ Yes □ No □	□ Unknow	☐ Unknown ☐ Yes, Type: ☐ No ☐ Unknown					
Other significant history/e	xposur	es.											
HOSPITALIZATION													
Did patient visit emergend ☐ Yes ☐ No ☐ Unknown	-	for illr	ness?		1	s <i>patient hospitalize</i> ′es □ No □ Unki				If	Yes, h	ow ma	ny total hospital nights?
Was patient placed in res		/ isolati	ion?										
☐ Yes ☐ No ☐ Unknown					If th	nere were any EF	R visits or	r hos	pital sta	ys rela	ated to	o this	illness, specify details below.
HOSPITALIZATION -	DETA	ILS											
Hospital Name 1	Stree	t Addre	ess				A	Admission Date (mm/dd/yyyy)					
	City						L	Disch	arge / Tr	ansfer	Date (mm/da	1/уууу)
	State	Zi	p Code	Teleph	one N	lumber	1	Medic	al Recor	rd Num	ber		Discharge Diagnosis
Hospital Name 2	Stree	t Addre	ess				,	Admis	ssion Da	te (mm	/dd/yy	yy)	
	City				Discharge / Transfer Date			Date ((mm/dd/yyyy)				
	State	Zi	p Code	Telepho	elephone Number			Medical Record Nun			umber Discharge Diagnosis		Discharge Diagnosis
OUTCOME													
			15.0	un di en al								Dete	of Dooble (none (dath = = = 1)
Outcome? ☐ Survived ☐ Died ☐	Unkno	wn		<i>irvived,</i> rived as of				(n	nm/dd/yy	yy)		∪ate	of Death (mm/dd/yyyy)

CDPH 8618 (revised 10/23) Page 2 of 8

CHIKUNGUNYA CASE REPORT								
First three letters of								
patient's last name:								

							'			
LABORATORY INFORM	ATION									
LABORATORY RESULTS	SUMMARY									
Specimen Type 1 ☐ Serum ☐ CSF ☐ Other:	Type of 1 □ PCR Interpreta	PH lab □ Local P est □ ELISA-IgM □ ation e □ Negative □	⊐ ELISA-IgG			□ IFA-IgG			er (specify):	Date (mm/dd/yyyy)
Specimen Type 2 Serum CSF Other:	Type of 1 □ PCR Interpreta	PH lab □ Local P est □ ELISA-IgM □ ation e □ Negative □	⊒ ELISA-lgG			□ IFA-IgG			er (specify): _	Date (mm/dd/yyyy)
LABORATORY RESULTS	SUMMARY -	OTHER								
Hematology □ Yes □ No □ Unknown	Date Collec	ted (mm/dd/yyyy)	WBC		Н	CT	H	b	ŀ	Platelets
Other laboratory diagnostics per ☐ Yes ☐ No ☐ Unknown	Other laboratory diagnostics performed (e.g., IHC, virus isolation)? ☐ Yes ☐ No ☐ Unknown									
EPIDEMIOLOGIC INFOR	MATION									
	II.	NCUBATION PER	IOD: UP TO 1	12 DA	YS BEF	ORE ILLNESS	ONSET			
BLOOD AND ORGAN DON	ATION									
Did patient donate blood during ☐ Yes, Date:/ □						nt donate an d				d?
Did patient receive a blood trans ☐ Yes, Date:/ □	•	•	od?			nt receive an ate://				ation period?
TRAVEL HISTORY										
Did patient travel outside of coperiod? ☐ Yes ☐ No ☐ Unknown	unty of reside	ence during the inc	ubation			tient traveled o No □ Unknov		California	a during the i	incubation period?
Has the patient traveled outside □ Yes □ No □ Unknown	the U.S. duri	ng the incubation p	period?	If	Yes for a	ny of these qu	ıestions, sp	ecify all lo	ocations and	dates below.
TRAVEL HISTORY – DETA	ILS									
Travel Type	State	Country	Other locati	on de	etails (cit	y, resort, etc.	.)		avel Started (dd/yyyy)	Date Travel Ended (mm/dd/yyyy)
☐ Domestic ☐ Unknown ☐ International										
☐ Domestic ☐ Unknown ☐ International										
☐ Domestic ☐ Unknown ☐ International										

CDPH 8618 (revised 10/23) Page 3 of 8

California Department of Public Health CHIKUNGUNYA CASE REP						
		First three letters of patient's last name:				
EXPOSURES / RISK FACTORS						
Did patient recall any mosquito bites durin ☐ Yes ☐ No ☐ Unknown	Did patient recall any mosquito bites during the incubation period? ☐ Yes ☐ No ☐ Unknown ☐ Unknown ☐ If Yes, specify all locations and dates below.					
BITE HISTORY - DETAILS						
Location (city, county, state, country)			Date Mosquito Bite (mm/dd/yy	уу)		
NOTES / REMARKS						
REPORTING AGENCY						
Investigator Name	Local Health Jurisdiction	Telephone Numb	per Date (mm/dd/yyyy)			
First Reported By □ Clinician □ Laboratory □ Other (sp	pecify):	'	ı			
DISEASE CASE CLASSIFICATION	1					

Case Classification (see case definition on page 5)

□ Confirmed □ Probable □ Suspected

 \Box Confirmed $\ \Box$ Probable $\ \Box$ Suspected $\ \Box$ Not a case $\ \Box$ Need additional information

STATE USE ONLY

Case Classification

CDPH 8618 (revised 10/23) Page 4 of 8

OF INCOMPONENT OF OR THE OF OR										
First three letters of										
nationt's last name:										

CHIKLINICLINIVA CASE REPORT

CASE DEFINITION

CHIKUNGUNYA (CDPH, working definition, 2022)

(adapted from 2015 CSTE case definition https://ndc.services.cdc.gov/case-definitions/arboviral-diseases-neuroinvasive-and-non-neuroinvasive-2015/)

CLINICAL DESCRIPTION

Most arboviral infections are asymptomatic. Clinical disease ranges from mild febrile illness to severe encephalitis. For the purpose of surveillance and reporting, based on their clinical presentation, arboviral disease cases are often categorized into two primary groups: neuroinvasive disease and nonneuroinvasive disease.

Neuroinvasive disease

Many arboviruses cause neuroinvasive disease such as aseptic meningitis, encephalitis, or acute flaccid paralysis (AFP). These illnesses are usually characterized by the acute onset of fever with headache, myalgia, stiff neck, altered mental status, seizures, limb weakness, or cerebrospinal fluid (CSF) pleocytosis. AFP may result from anterior ("polio") myelitis, peripheral neuritis, or post-infectious peripheral demyelinating neuropathy (i.e., Guillain-Barre' syndrome). Less common neurological manifestations, such as cranial nerve palsies, also occur.

Non-neuroinvasive disease

Most arboviruses are capable of causing an acute systemic febrile illness (e.g., West Nile fever) that may include headache, myalgias, arthralgia, rash, or gastrointestinal symptoms. Some viruses also can cause more characteristic clinical manifestations, such as severe polyarthralgia or arthritis due to Chikungunya virus or other alphaviruses (e.g., Mayaro, Ross River, O'nyong-nyong)

CLINICAL CRITERIA

A clinically compatible case of arboviral disease is defined as follows:

Neuroinvasive disease

- Meningitis, encephalitis, acute flaccid paralysis, or other acute signs of central or peripheral neurologic dysfunction, as documented by a physician, AND
- Absence of a more likely clinical explanation. Other clinically compatible symptoms of arbovirus disease include: headache, myalgia, rash, arthralgia, vertigo, vomiting, paresis and/ or nuchal rigidity.

Non-neuroinvasive disease

- Fever (chills) as reported by the patient or a health-care provider, AND
- Absence of neuroinvasive disease, AND
- Absence of a more likely clinical explanation. Other clinically compatible symptoms of arbovirus disease include: headache, myalgia, rash, arthralgia, vertigo, vomiting, paresis and/ or nuchal rigidity.

LABORATORY CRITERIA FOR DIAGNOSIS

Isolation of virus from, or demonstration of specific viral antigen or nucleic acid in, tissue, blood, CSF, or other body fluid, OR

- Four-fold or greater change in virus-specific quantitative antibody titers in paired sera, OR
- Virus-specific IgM antibodies in serum with confirmatory virus-specific neutralizing antibodies in the same or a later specimen, OR
- Virus-specific IgM antibodies in CSF or serum.

CASE CLASSIFICATION

Probable

Neuroinvasive disease

A case that meets the above clinical criteria for neuroinvasive disease and the following laboratory criteria:

Virus-specific IgM antibodies in CSF or serum but with no other testing.

Non-neuroinvasive disease

A case that meets the above clinical criteria for non-neuroinvasive disease and the laboratory criteria for a probable case:

Virus-specific IgM antibodies in serum but with no other testing.

Confirmed

Neuroinvasive disease

A case that meets the above clinical criteria for neuroinvasive disease and one or more of the following laboratory criteria for a confirmed case:

- Isolation of virus from, or demonstration of specific viral antigen or nucleic acid in, tissue, blood, CSF, or other body fluid, OR
- Four-fold or greater change in virus-specific quantitative antibody titers in paired sera, OR
- Virus-specific IgM antibodies in serum with confirmatory virus-specific neutralizing antibodies in the same or a later specimen, OR
- Virus-specific IgM antibodies in CSF, with or without a reported pleocytosis, and a negative result for other IgM antibodies in CSF for arboviruses endemic to the region where exposure occurred.

Non-neuroinvasive disease

A case that meets the above clinical criteria for non-neuroinvasive disease and one or more of the following laboratory criteria for a confirmed case:

- Isolation of virus from, or demonstration of specific viral antigen or nucleic acid in, tissue, blood, or other body fluid, excluding CSF, OR
- Four-fold or greater change in virus-specific quantitative antibody titers in paired sera, OR
- Virus-specific IgM antibodies in serum with confirmatory virus-specific neutralizing antibodies in the same or a later specimen.

CDPH 8618 (revised 10/23) Page 5 of 8

Ormitorito	,014171	0/1021	`	0111
First three letters of				
patient's last name:				

CHIKLINGLINVA CASE REPORT

CASE DEFINITION (continued)

COMMENT

Imported arboviral diseases:

Human disease cases due to Dengue or Yellow fever viruses are nationally notifiable to CDC using specific case definitions. However, many other exotic arboviruses (e.g., Japanese encephalitis, Tick-borne encephalitis, Venezuelan equine encephalitis, and Rift Valley fever viruses) are important public health risks for the United States as competent vectors exist that could allow for sustained transmission upon establishment of imported arboviral pathogens. Health-care providers and public health officials should maintain a high index of clinical suspicion for cases of potentially exotic or unusual arboviral etiology, particularly in international travelers. If a suspected case occurs, it should be reported to the appropriate local/state health agencies and CDC. Interpreting arboviral laboratory results:

- Serologic cross-reactivity: In some instances, arboviruses from the same genus produce cross-reactive antibodies. In geographic areas where two or more closely-related arboviruses occur, serologic testing for more than one virus may be needed and results compared to determine the specific causative virus. For example, such testing might be needed to distinguish antibodies resulting from infections within genera, e.g., flaviviruses such as West Nile, St. Louis encephalitis, Powassan, Dengue, or Japanese encephalitis viruses.
- Rise and fall of IgM antibodies: For most arboviral infections, IgM antibodies are generally first detectable at 3 to 8 days after onset of illness and persist for 30 to 90 days, but longer persistence has been documented (e.g., up to 500 days for West Nile virus). Serum collected within 8 days of illness onset may not have detectable IgM and testing should be repeated on a convalescent-phase sample to rule out arboviral infection in those with a compatible clinical syndrome.
- Persistence of IgM antibodies: Arboviral IgM antibodies may be detected in some patients months or years after their acute infection. Therefore, the presence of these virus-specific IgM antibodies may signify a past infection and be unrelated to the current acute illness. Finding virus-specific IgM antibodies in CSF or a fourfold or greater change in virus-specific antibody titers between acute- and convalescent-phase serum specimens provides additional laboratory evidence that the arbovirus was the likely cause of the patient's recent illness. Clinical and epidemiologic history also should be carefully considered.
- Persistence of IgG and neutralizing antibodies: Arboviral IgG and neutralizing antibodies can persist for many years following a symptomatic or asymptomatic infection. Therefore, the presence of these antibodies alone is only evidence of previous infection and clinically compatible cases with the presence of IgG, but not IgM, should be evaluated for other etiologic agents.
- Arboviral serologic assays: Assays for the detection of IgM and IgG antibodies commonly include enzyme-linked immunosorbent assay (ELISA),
 microsphere immunoassay (MIA), or immunofluorescence assay (IFA). These assays provide a presumptive diagnosis and should have confirmatory
 testing performed. Confirmatory testing involves the detection of arboviral-specific neutralizing antibodies utilizing assays such as plaque reduction
 neutralization test (PRNT).
- Other information to consider. Vaccination history, detailed travel history, date of onset of symptoms, and knowledge of potentially cross-reactive arboviruses known to circulate in the geographic area should be considered when interpreting results.

CDPH 8618 (revised 10/23) Page 6 of 8

CHIKUNG	SUNYA	CASE F	REPORT	

First three letters of		
patient's last name:		

RACE DESCRIPTIONS								
Race	Description							
American Indian or Alaska Native	Patient has origins in any of the original peop	les of North and South America (inc	cluding Central America).					
Asian	Patient has origins in any of the original peop (e.g., including Bangladesh, Cambodia, China Philippine Islands, Thailand, and Vietnam).							
Black or African American	Patient has origins in any of the black racial g	roups of Africa.						
Native Hawaiian or Other Pacific Islander	Patient has origins in any of the original peop	les of Hawaii, Guam, American Sar	noa, or other Pacific Islands.					
White	Patient has origins in any of the original peop	les of Europe, the Middle East, or N	lorth Africa.					
ASIAN GROUPS								
Bangladeshi Filipino	 Japanese 	 Maldivian 	Sri Lankan					
Bhutanese	 Korean 	 Nepalese 	 Taiwanese 					
Burmese	 Laotian 	 Okinawan 	• Thai					
Cambodian Indonesial	Madagascar	 Pakistani 	 Vietnamese 					
Chinese Iwo Jiman	 Malaysian 	 Singaporean 						
NATIVE HAWAIIAN AND OTHER PACIF	FIC ISLANDER GROUPS							
Carolinian Kiribati	Micronesian	 Pohnpeian 	• Tahitian					
Chamorro Kosraean	Native Hawaiian	 Polynesian 	 Tokelauan 					
Chuukese Mariana Is	lander • New Hebrides	 Saipanese 	 Tongan 					
Fijian Marshalles	se • Palauan	 Samoan 	 Yapese 					
Guamanian Melanesia	n • Papua New Guinean	 Solomon Islander 						

CDPH 8618 (revised 10/23) Page 7 of 8

OCCUPATION SETTING

- · Childcare/Preschool
- · Correctional Facility
- · Drug Treatment Center
- · Food Service
- · Health Care Acute Care Facility
- Health Care Long Term Care Facility
- · Health Care Other

- · Homeless Shelter
- Laboratory
- · Military Facility
- · Other Residential Facility
- · Place of Worship
- School
- Other

OCCUPATION

- Agriculture farmworker or laborer (crop, nursery, or greenhouse)
- · Agriculture field worker
- · Agriculture migratory/seasonal worker
- · Agriculture other/unknown
- · Animal animal control worker
- Animal farm worker or laborer (farm or ranch animals)
- · Animal veterinarian or other animal health practitioner
- · Animal other/unknown
- · Clerical, office, or sales worker
- · Correctional facility employee
- · Correctional facility inmate
- · Craftsman, foreman, or operative
- · Daycare or child care attendee
- · Daycare or child care worker
- · Dentist or other dental health worker
- · Drug dealer
- Fire fighting or prevention worker
- · Flight attendant
- · Food service cook or food preparation worker
- · Food service host or hostess
- Food service waiter or waitress
- Food service other/unknown
- Homemaker
- · Laboratory technologist or technician
- · Laborer private household or unskilled worker
- · Manager, official, or proprietor
- · Manicurist or pedicurist
- Medical emergency medical technician or paramedic
- Medical health care worker

- · Medical medical assistant
- · Medical pharmacist
- · Medical physician assistant or nurse practitioner
- · Medical physician or surgeon
- · Medical registered nurse
- · Medical other/unknown
- · Military officer
- · Military recruit or trainee
- · Protective service police officer
- · Protective service other
- · Professional, technical, or related profession
- Retired
- · Sex worker
- · Student preschool or kindergarten
- · Student elementary or middle school
- · Student high (secondary) school
- · Student college or university
- · Student other/unknown
- Teacher/employee preschool or kindergarten
- Teacher/employee elementary or middle school
- Teacher/employee high (secondary) school
- Teacher/instructor/employee college or university
- · Teacher/instructor/employee other/unknown
- · Unemployed seeking employment
- · Unemployed not seeking employment
- Unemployed other/unknown
- · Other
- Refused
- Unknown

CDPH 8618 (revised 10/23) Page 8 of 8