

**IMPERIAL COUNTY
PUBLIC HEALTH**

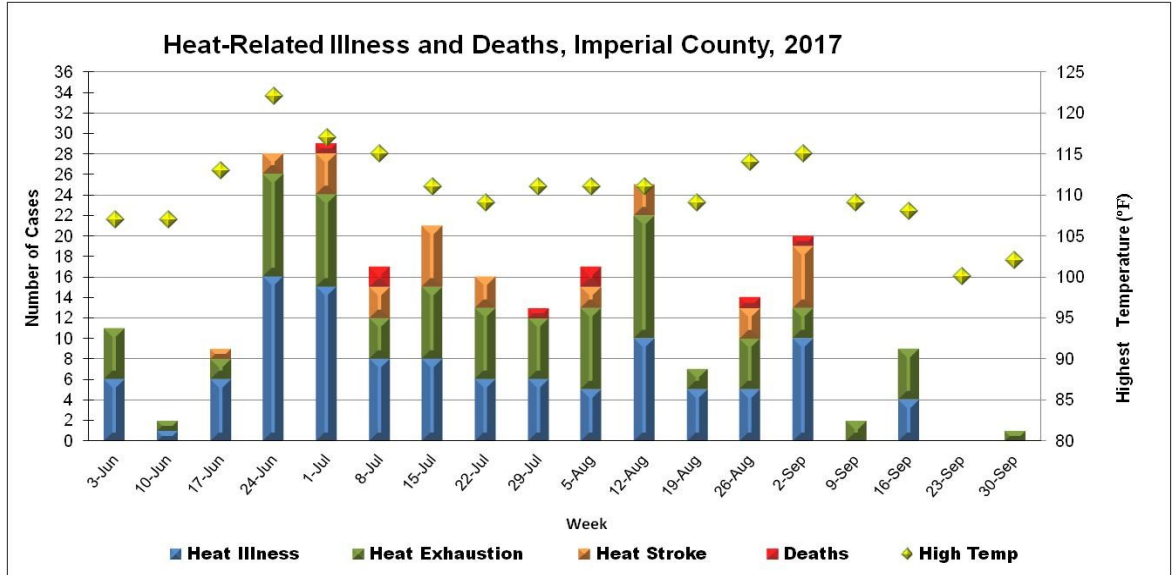
Surveillance
6/1/17–9/9/17

Cool Centers

HEAT-RELATED ILLNESS UPDATE



HEAT-RELATED ILLNESS SURVEILLANCE-2017 IMPERIAL COUNTY



Source: El Centro Regional Medical Center, Pioneers Memorial Hospital, and Imperial County Coroner

Heat-Related Morbidity & Mortality	Total as of Sept 30, 2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Heat Stroke	34	8	15	11	29	27	19	14	26	13	13
Heat Exhaustion	91	55	54	43	68	79	25	40	60	59	62
Other illnesses (i.e. heat fatigue, dehydration)	110	93	50	34	60	41	23	45	19	27	32
Deaths	8	3	10	2	3	8	2	8	9	7	9
Totals	243	159	129	90	160	155	69	107	114	106	116

Source : El Centro Regional Medical Center, Pioneers Memorial Hospital, and Imperial County Coroner

Heat-Related Illness Update

From June 1, 2017 to September 30, 2017, a total of 235 heat-related illnesses and 8 deaths have been reported by local hospitals and the County Coroner. The Imperial County Coroner's Office has confirmed 3 deaths due to environmental heat exposure. In addition to the 3 confirmed deaths, 5 more deaths have been reported as possibly heat related. Confirmation is pending.

Ambient temperatures have begun to decrease. This week the average temperature will reach the low 100s. However, the Public Health Department continues to recommend all residents take appropriate precautions to prevent heat-related illnesses. Even though ambient temperatures have decreased, be aware that outdoor humidity may increase the risk of heat-related illness. For more information go to: <http://www.bt.cdc.gov/disasters/extremeheat/specificgroups.asp>

Imperial

- Public Library
- Chamber of Commerce
- The Imperial Valley Expo

El Centro

- Community Center
- Adult Center
- Salvation Army Thrift Store
- Imperial Valley Mall

Calexico

- Camarena Public Library

Brawley

- Public Library
- Senior Center
- Open Health Center

Holtville

- Civic Center
- Public Library
- San Pasqual Family Resource Center

Seeley

- Community Church

Westmorland

- Senior Citizen Building

Heber

- Public Library

Ocotillo

- Imperial Valley Desert Museum

Calipatria

- Public Library

Niland

- Chamber of Commerce

Salton City

- Public Library

Mecca, Blythe, Niland,

Coachella, Brawley,

Winterhaven, West

Shores,

El Centro & Calexico

Clinicas de Salud del

Pueblo

For address, contact person, and phone numbers, please visit our web site at www.icphd.org



For additional information regarding heat-related illness surveillance, contact the Imperial County Public Health Department at (442) 265-1356.

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Hazardous Weather Outlook



EXCESSIVE HEAT WARNING

At this time there is no excessive heat warning in effect.

Temperature: Temperatures in Imperial County will range from 63° to 100°F from October 1 to 7, 2017.

***Excessive Heat Warning** is issued when an excessive heat event is expected in the next 36 hours. It is issued when an excessive heat event is occurring, is imminent, or there is a very high probability of occurring.

Heat Index Chart

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
	Relative Humidity (%)																					
140	125																					
135	120	128																				
130	117	122	131																			
125	111	116	123	131	141																	
120	107	111	116	123	130	139	148															
115	103	107	111	115	120	127	135	143	151													
110	99	102	105	108	112	117	123	130	137	143	150											
105	95	97	100	102	105	109	113	118	123	129	135	142	149									
100	91	93	95	97	99	101	104	107	110	115	120	125	132	138	144							
95	87	88	90	91	93	94	96	98	101	104	107	110	114	119	124	130	136					
90	83	84	85	86	87	88	90	91	93	95	96	98	100	102	106	109	113	117	122			
85	78	79	80	81	82	83	84	85	86	87	88	89	90	91	93	95	97	99	102	105	108	
80	73	74	75	76	77	77	78	79	79	80	81	81	82	83	85	86	86	87	88	89	91	
75	69	69	70	71	72	72	73	73	74	74	75	75	76	76	77	77	78	78	79	79	80	
70	64	64	65	65	66	66	67	67	68	68	69	69	70	70	70	71	71	71	71	71	71	72

Heat Index: 130+°F	Heat Effect: Heatstroke/sunstroke is highly likely with continued exposure Recommendations: Avoid strenuous outdoor activity; stay indoors in an air-conditioned facility; stay well hydrated; check on your family, friends, and neighbors
Heat Index: 105-129°F	Heat Effect: Sunstroke, heat exhaustion and heat cramps are likely. Heat stroke is possible with prolonged exposure and/or physical activity Recommendations: Avoid strenuous outdoor activity; stay indoors in an air-conditioned facility; stay well hydrated
Heat Index: 90-104°F	Heat Effect: Sunstroke, heat exhaustion and heat cramps are possible with prolonged exposure and/or physical activity Recommendations: Limit strenuous outdoor activity; limit your time outdoors; stay well hydrated
Heat Index: 80-89°F	Heat Effect: Fatigue is possible with prolonged exposure and/or physical activity Recommendations: Limit your time outdoors; stay well hydrated



Heat index, sometimes referred to as the apparent temperature and given in degrees Fahrenheit, is a measure of how hot it really feels when relative humidity is factored with the actual air temperature.