



COSTA MESA FIRE & RESCUE

2019 INCIDENT STATISTICS

The Fire Department classifies incidents into 8 categories. Below are the incident categories and incident count for 2019.

<u>Incident Category</u>	<u>2019 Incident Count</u>
Fire	240
Rupture/Explosion	3
EMS/Rescue	9,454
Hazardous Condition	188
Service Call	461
Good Intent	1,847
False Call	477
Other	5
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Total 2019 Incidents	12,676

There are 111 incident types within these categories.

Please go to the next page for incident count description.

Incident by Incident Type With Detail

Date Range: From 1/1/2019 To 12/31/2019

<u>Incident Type</u>	<u>Incident Count</u>	<u>Used in Ave. Resp.</u>	<u>Average Response Time HH:MM:SS</u>	<u>Total Loss</u>	<u>Total Value</u>
Fire					
Fire, other	19	12	00:08:41	\$9,060.00	\$9,060.00
Building fire	66	45	00:08:24	\$1,132,050.00	\$3,434,052.00
Fires in structures other than in a building	1	1	00:07:09		
Cooking fire, confined to container	23	21	00:05:08	\$13,165.00	\$13,315.00
Chimney or flue fire, confined to chimney or flue	4	3	00:09:49	\$500.00	\$500.00
Trash or rubbish fire, contained	7	6	00:05:05	\$2,321.00	\$2,321.00
Fire in mobile property used as a fixed structure, other	1	1	00:06:25		
Fire in mobile home used as fixed residence	1				
Mobile property (vehicle) fire, other	2	1	00:08:42	\$2,200.00	\$2,200.00
Passenger vehicle fire	31	28	00:06:20	\$174,350.00	\$194,600.00
Road freight or transport vehicle fire	1	1	00:08:19	\$1,000.00	\$1,000.00
Water vehicle fire	1				
Aircraft fire	1				
Forest, woods or wildland fire	1				
Brush, or brush and grass mixture fire	16	12	00:07:46	\$1,500.00	\$1,500.00
Brush, or brush and grass mixture fire Fireworks Related	1	1	00:04:04		
Grass fire	1	1	00:04:33		
Outside rubbish fire, other	12	11	00:06:38	\$180.00	\$180.00
Outside rubbish, trash or waste fire	8	7	00:07:48		
Outside rubbish, trash or waste fire Fireworks Related	2	2	00:05:26	\$100.00	\$100.00
Dumpster or other outside trash receptacle fire	26	26	00:05:15	\$2,450.00	\$2,550.00
Dumpster or other outside trash receptacle fire Fireworks Rel	3	3	00:05:47		
Special outside fire, other	1	1	00:07:23	\$1,000.00	\$1,000.00
Outside storage fire	3	1	00:05:54	\$600.00	\$600.00
Outside equipment fire	5	5	00:05:12	\$8,035.00	\$8,035.00
Cultivated vegetation, crop fire, other	1	1	00:06:59		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Fire - (Continued)</u>					
Cultivated trees or nursery stock fire	2	2	00:05:04	\$100.00	\$100.00
Total Fire:	240	192	00:06:49	\$1,348,611.00	\$3,671,113.00
<u>Rupture/Explosion</u>					
Explosion (no fire), other	1	1	00:05:07		
Excessive heat, scorch burns with no ignition	2	1	00:02:07		
Total Rupture/Explosion:	3	2	00:03:37		
<u>EMS/Rescue</u>					
Medical assist Ambulance Transport Only	1				
Emergency medical service, other	1				
Medical Aid	8,198	7,842	00:04:47		
Medical Aid - Alcohol (overserved)	8	8	00:04:15		
Medical Aid Homeless - unsheltered	398	386	00:04:20		
Medical Aid Homeless - sheltered	58	57	00:04:14		
Vehicle accident with injuries	542	515	00:05:45		
Motorcycle Accident	36	35	00:05:57		
Motor vehicle/pedestrian accident (MV Ped)	72	70	00:04:30		
Motor vehicle accident with no injuries	60	42	00:05:22		
Lock-in (if lock out , use 511)	28	26	00:05:11		
Extrication, rescue, other	4	4	00:06:04		
Extrication of victim(s) from building/structure	1	1	00:03:46		
Vehicle into a building/structure	10	10	00:06:25		
Extrication of victim(s) from vehicle	5	4	00:04:25		
Removal of victim(s) from stalled elevator	29	9	00:05:26		
Confined space rescue	1	1	00:04:46		
High angle rescue	1	1	00:15:18		
Electrocution or potential electrocution	1	1	00:04:14		
Total EMS/Rescue:	9,454	9,012	00:04:49		
<u>Hazardous Condition</u>					
Hazardous condition, other	4	2	00:03:30		
Gasoline or other flammable liquid spill	9	4	00:04:34		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Hazardous Condition - (Continued)</u>					
Gas leak (natural gas or LPG)	64	36	00:05:31		
Oil or other combustible liquid spill	2	1	00:06:26		
Toxic condition, other	1	1	00:04:58		
Chemical hazard (no spill or leak)	1				
Chemical spill or leak	2				
Carbon monoxide incident	1	1	00:03:51		
Electrical wiring/equipment problem, other	9	7	00:04:59		
Electrical wires down	22	20	00:06:00		
Overheated motor	2	2	00:05:14		
Light ballast breakdown	1	1	00:05:51		
Power line down	3	2	00:04:31		
Arcing, shorted electrical equipment	52	25	00:06:40		
Biological hazard, confirmed or suspected	1	1	00:05:09		
Accident, potential accident, other	5	1	00:03:30		
Building or structure weakened or collapsed	2	1	00:05:08		
Aircraft standby	3				
Vehicle accident, general cleanup	3	2	00:06:39		
Threat to burn	1				
Total Hazardous Condition:	188	107	00:05:44		
<u>Service Call</u>					
Service Call, other	11	4	00:05:00		
Person in distress, other	22	11	00:04:03		
Lock-out	3	3	00:04:47		
Ring or jewelry removal	4	1	00:08:44		
Water problem, other	27	23	00:06:02		
Water evacuation	1	1	00:05:51		
Water or steam leak	8	5	00:07:24		
Smoke or odor removal	6	4	00:07:42		
Animal problem, other	1				
Animal problem	2				
Animal rescue	2	1	00:06:47		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Service Call - (Continued)</u>					
Public service assistance, other	45	12	00:05:32		
Assist police or other governmental agency	41	15	00:05:52		
Police matter	29	21	00:05:25		
Public service	32	8	00:06:06		
Assist invalid	165	52	00:04:58		
Unauthorized burning	4	3	00:03:46		
Cover assignment, standby, moveup	58	3	00:12:25		
Total Service Call:	461	167	00:05:34		
<u>Good Intent</u>					
Good intent call, other	58	43	00:05:31		
Dispatched & cancelled en route	20				
No Alarm	31				
EMS: Dispatched & cancelled en route	3				
Dispatched & cancelled False Alarm	359				
Dispatched & cancelled Medical Aid	575				
Dispatched & cancelled Public Assist	21				
Cancelled In Quarters	45				
Dispatched & cancelled Structure Fire	96				
Dispatched & cancelled Traffic Accident	161				
No incident found on arrival at dispatch address	315	255	00:04:49		
Steam, other gas mistaken for smoke, other	4	3	00:06:16		
Smoke scare, odor of smoke	149	109	00:06:38		
Steam, vapor, fog or dust thought to be smoke	2	1	00:08:36		
Barbecue, tar kettle	4	2	00:07:27		
Hazmat release investigation w/ no hazmat	3	2	00:09:35		
Biological hazard investigation, none found	1	1	00:06:35		
Total Good Intent:	1,847	416	00:05:26		
<u>False Call</u>					
False alarm or false call, other	107	90	00:05:29		
Malicious, mischievous false call, other	3	3	00:04:54		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>False Call - (Continued)</u>					
Municipal alarm system, malicious false alarm	3	3	00:05:32		
Direct tie to FD, malicious/false alarm	2	2	00:04:58		
Central station, malicious false alarm	1	1	00:06:11		
Local alarm system, malicious false alarm	2	2	00:07:23		
System malfunction, other	10	9	00:08:15		
Sprinkler activation due to malfunction	1	1	00:10:12		
Extinguishing system activation due to malfunction	1	1	00:04:25		
Smoke detector activation due to malfunction	33	31	00:05:40		
Heat detector activation due to malfunction	2	2	00:09:33		
Alarm system sounded due to malfunction	108	103	00:05:11		
CO detector activation due to malfunction	1				
Unintentional transmission of alarm, other	34	33	00:05:40		
Sprinkler activation, no fire - unintentional	4	4	00:05:27		
Smoke detector activation, no fire - unintentional	59	56	00:05:30		
Detector activation, no fire - unintentional	9	9	00:05:55		
Alarm system sounded, no fire - unintentional	29	25	00:05:32		
Carbon monoxide detector activation, no CO	68	14	00:05:49		
Total False Call:	477	389	00:05:34		
<u>Severe Weather</u>					
Wind storm, tornado/hurricane assessment	1				
Total Severe Weather:	1	0			
<u>Other</u>					
Special type of incident, other	1				
Citizen complaint	4	1	00:08:01		
Total Other:	5	1	00:08:01		
Total Incident Count:	12,676	10,286		\$1,348,611.00	\$3,671,113.00