



## COSTA MESA FIRE & RESCUE

# 2018 INCIDENT STATISTICS

The Fire Department classifies incidents into 9 categories. Below are the incident categories and incident count for 2018.

<u>Incident Category</u>	<u>2018 Incident Count</u>
Fire	261
Rupture/Explosion	10
EMS/Rescue	9,639
Hazardous Condition	195
Service Call	535
Good Intent	1,918
False Call	477
Severe Weather	3
Other	7
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Total 2018 Incidents	13,045

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 1/1/2018 To 12/31/2018

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<b>Fire</b>					
Fire, other	14	10	00:08:59	\$8,030.00	\$8,030.00
Structure Fire	5				
Building fire	57	48	00:07:07	\$1,412,650.00	\$12,976,650.00
Building fire fireworks related	1	1	00:05:38	\$600.00	\$600.00
Fires in structures other than in a building	3	3	00:05:20	\$13,500.00	\$13,500.00
Cooking fire, confined to container	18	15	00:05:39	\$24,120.00	\$24,120.00
Chimney or flue fire, confined to chimney or flue	2	1	00:05:18	\$500.00	\$500.00
Incinerator overload or malfunction, fire confined	1				
Trash or rubbish fire, contained	10	9	00:05:21	\$1,260.00	\$1,270.00
Trash or rubbish fire, contained Fireworks Related	1	1	00:05:57	\$25.00	\$25.00
Fire in mobile home used as fixed residence	2	2	00:07:54	\$500.00	\$500.00
Mobile property (vehicle) fire, other	2	2	00:06:32	\$180,000.00	\$180,000.00
Passenger vehicle fire	44	43	00:05:50	\$187,850.00	\$187,850.00
Road freight or transport vehicle fire	2	2	00:05:48	\$127,000.00	\$127,000.00
Aircraft fire	1	1	00:06:32		
Off-road vehicle or heavy equipment fire	1	1	00:04:43		
Natural vegetation fire, other	1	1	00:08:00		
Forest, woods or wildland fire	3				
Brush, or brush and grass mixture fire	10	8	00:07:28	\$50.00	\$50.00
Grass fire	3	3	00:06:22	\$100.00	\$100.00
Outside rubbish fire, other	16	15	00:05:47	\$410.00	\$410.00
Outside rubbish, trash or waste fire	15	14	00:05:38	\$450.00	\$450.00
Dumpster or other outside trash receptacle fire	31	31	00:05:35	\$2,300.00	\$3,325.00
Dumpster or other outside trash receptacle fire Fireworks Rel:	3	3	00:05:08	\$950.00	\$950.00
Special outside fire, other	2	2	00:04:09		
Outside storage fire	1			\$700.00	\$700.00

<b>Incident Type</b>	<b>Incident Count</b>	<b>Used in Ave. Resp.</b>	<b>Average Response Time HH:MM:SS</b>	<b>Total Loss</b>	<b>Total Value</b>
<b><u>Fire - (Continued)</u></b>					
Outside equipment fire	7	6	00:09:13	\$3,730.00	\$3,730.00
Cultivated vegetation, crop fire, other Fireworks Related	2	2	00:03:57	\$50.00	\$50.00
Cultivated trees or nursery stock fire	3	3	00:05:21	\$1,250.00	\$1,250.00
<b>Total Fire:</b>	<b>261</b>	<b>227</b>	<b>00:06:17</b>	<b>\$1,966,025.00</b>	<b>\$13,531,060.00</b>
<b><u>Rupture/Explosion</u></b>					
Fireworks related	6	4	00:06:23	\$1,000.00	\$1,000.00
Fireworks confiscation	4				
<b>Total Rupture/Explosion:</b>	<b>10</b>	<b>4</b>	<b>00:06:23</b>	<b>\$1,000.00</b>	<b>\$1,000.00</b>
<b><u>EMS/Rescue</u></b>					
Emergency medical service, other	1	1	00:02:21		
Medical Aid	8,153	7,765	00:05:02		
Medical Aid - Alcohol (overserved)	22	22	00:05:14		
Medical Aid Homeless - unsheltered	468	454	00:04:21		
Medical Aid Homeless - sheltered	91	86	00:04:17		
Vehicle accident with injuries	619	579	00:05:42		
Motorcycle Accident	44	44	00:06:00		
Motor vehicle/pedestrian accident (MV Ped)	86	81	00:04:59		
Motor vehicle accident with no injuries	75	65	00:05:54		
Lock-in (if lock out , use 511 )	30	25	00:05:00		
Extrication, rescue, other	2	2	00:05:02		
Vehicle into a building/structure	6	6	00:05:16		
Extrication of victim(s) from vehicle	1	1	00:08:21		
Removal of victim(s) from stalled elevator	32	23	00:06:58		
Trench/below grade rescue	1				
High angle rescue	2	2	00:05:12		
Water & ice related rescue, other	1				
Swift water rescue	2	2	00:05:12		
Electrocution or potential electrocution	3	3	00:04:29		
<b>Total EMS/Rescue:</b>	<b>9,639</b>	<b>9,161</b>	<b>00:05:03</b>		
<b><u>Hazardous Condition</u></b>					

<b>Incident Type</b>	<b>Incident Count</b>	<b>Used in Ave. Resp.</b>	<b>Average Response Time HH:MM:SS</b>	<b>Total Loss</b>	<b>Total Value</b>
<b><u>Hazardous Condition - (Continued)</u></b>					
Hazardous condition, other	3	2	00:06:43		
Gasoline or other flammable liquid spill	13	6	00:07:45		
Gas leak (natural gas or LPG)	61	31	00:05:38		
Oil or other combustible liquid spill	4	2	00:03:58		
Toxic condition, other	3	3	00:05:36		
Chemical hazard (no spill or leak)	1	1	00:04:24		
Chemical spill or leak	2	2	00:06:41		
Refrigeration leak	1				
Carbon monoxide incident	2	1	00:04:36		
Electrical wiring/equipment problem, other	14	11	00:07:08		
Electrical wires down	19	18	00:05:24		
Heat from short circuit (wiring), defective/worn	3	3	00:06:21		
Overheated motor	2				
Arcing, shorted electrical equipment	53	21	00:06:00		
Biological hazard, confirmed or suspected	2	2	00:06:07		
Accident, potential accident, other	5	4	00:06:04		
Building or structure weakened or collapsed	2	1	00:05:23		
Explosive, bomb removal (for bomb scare, use 721)	2				
Attempted burning, illegal action, other	3	2	00:04:08		
<b>Total Hazardous Condition:</b>	<b>195</b>	<b>110</b>	<b>00:05:56</b>		
<b><u>Service Call</u></b>					
Service Call, other	26	5	00:06:09		
Person in distress, other	21	6	00:05:31		
Lock-out	3	1	00:04:30		
Ring or jewelry removal	6	3	00:01:18		
Water problem, other	28	21	00:05:59		
Water evacuation	2	2	00:05:43		
Water or steam leak	13	7	00:07:44		
Smoke or odor removal	5	3	00:05:44		
Animal problem	1				
Animal rescue	3	1	00:07:25		

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<b><u>Service Call - (Continued)</u></b>					
Public service assistance, other	25	8	00:05:08		
Assist police or other governmental agency	39	16	00:08:46		
Police matter	24	21	00:04:08		
Public service	21	5	00:07:06		
Assist invalid	233	55	00:05:06		
Unauthorized burning	5				
Cover assignment, standby at fire station, moveup	8				
Cover assignment, standby, moveup	72	2	00:07:45		
<b>Total Service Call:</b>	<b>535</b>	<b>156</b>	<b>00:05:42</b>		
<b><u>Good Intent</u></b>					
Good intent call, other	92	54	00:04:44		
Dispatched & cancelled en route	22				
No Alarm	38				
EMS: Dispatched & cancelled en route	1				
Dispatched & cancelled False Alarm	347				
Dispatched & cancelled Medical Aid	577				
Dispatched & cancelled Public Assist	23				
Cancelled In Quarters	62				
Dispatched & cancelled Structure Fire	81				
Dispatched & cancelled Traffic Accident	188			\$5,000.00	\$5,000.00
No incident found on arrival at dispatch address	314	252	00:05:08		
Steam, other gas mistaken for smoke, other	5	4	00:04:30		
Smoke scare, odor of smoke	162	98	00:06:16	\$500.00	\$500.00
Steam, vapor, fog or dust thought to be smoke	1	1	00:02:51		
Barbecue, tar kettle	1				
Hazmat release investigation w/ no hazmat	4	3	00:08:43		
<b>Total Good Intent:</b>	<b>1,918</b>	<b>412</b>	<b>00:05:22</b>	<b>\$5,500.00</b>	<b>\$5,500.00</b>
<b><u>False Call</u></b>					
False alarm or false call, other	129	105	00:04:51		
Malicious, mischievous false call, other	9	9	00:04:43		

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<b><u>False Call - (Continued)</u></b>					
Municipal alarm system, malicious false alarm	5	5	00:05:36		
Central station, malicious false alarm	1	1	00:04:36		
Local alarm system, malicious false alarm	4	3	00:06:32		
Bomb scare - no bomb	1				
System malfunction, other	12	12	00:05:54		
Sprinkler activation due to malfunction	1	1	00:05:15		
Extinguishing system activation due to malfunction	2	2	00:04:13		
Smoke detector activation due to malfunction	34	33	00:05:51		
Heat detector activation due to malfunction	2	2	00:04:59		
Alarm system sounded due to malfunction	78	76	00:06:08		
CO detector activation due to malfunction	1	1	00:09:52		
Unintentional transmission of alarm, other	40	38	00:06:00		
Sprinkler activation, no fire - unintentional	1	1	00:05:24		
Smoke detector activation, no fire - unintentional	51	49	00:05:46		
Detector activation, no fire - unintentional	9	9	00:06:00		
Alarm system sounded, no fire - unintentional	43	42	00:05:18		
Carbon monoxide detector activation, no CO	54	9	00:05:41		
<b>Total False Call:</b>	<b>477</b>	<b>398</b>	<b>00:05:33</b>		
<b><u>Severe Weather</u></b>					
Severe weather or natural disaster, other	1	1	00:07:52		
Flood assessment	2	2	00:05:14		
<b>Total Severe Weather:</b>	<b>3</b>	<b>3</b>	<b>00:06:06</b>		
<b><u>Other</u></b>					
Special type of incident, other	2				
Citizen complaint	5	2	00:05:06		
<b>Total Other:</b>	<b>7</b>	<b>2</b>	<b>00:05:06</b>		
<b>Total Incident Count:</b>	<b>13,045</b>	<b>10,473</b>		<b>\$1,972,525.00</b>	<b>\$13,537,560.00</b>