



# COSTA MESA FIRE & RESCUE

## 2020 INCIDENT STATISTICS

The Fire Department classifies incidents into 8 categories. Below are the incident categories and incident count for 2020.

<u>Incident Category</u>	<u>2020 Incident Count</u>
Fire	246
Rupture/Explosion	4
EMS/Rescue	8,959
Hazardous Condition	147
Service Call	398
Good Intent	1,543
False Call	469
Other	3
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Total 2020 Incidents	11,769

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 1/1/2020 To 12/31/2020

<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>
<b><u>Fire</u></b>					
Fire, other	21	14	00:06:48	\$22,045.00	\$22,045.00
Building fire	46	35	00:06:32	\$1,788,825.00	\$1,809,075.00
Cooking fire, confined to container	19	15	00:05:45	\$3,440.00	\$3,440.00
Chimney or flue fire, confined to chimney or flue	2	1	00:04:39		
Trash or rubbish fire, contained	7	7	00:05:53	\$50.00	\$50.00
Trash or rubbish fire, contained Fireworks Related	2	2	00:05:19		
Mobile property (vehicle) fire, other	3	3	00:05:36	\$5,000.00	\$13,000.00
Passenger vehicle fire	29	29	00:06:28	\$155,750.00	\$159,750.00
Natural vegetation fire, other	3	3	00:08:49		
Forest, woods or wildland fire	15	1	00:51:17		
Brush, or brush and grass mixture fire	15	15	00:16:18	\$300.00	\$300.00
Brush, or brush and grass mixture fire Fireworks Related	3	3	00:05:47		
Grass fire	2	2	00:09:01		
Outside rubbish fire, other	18	18	00:06:18	\$8,091.00	\$8,091.00
Outside rubbish, trash or waste fire	17	16	00:06:03	\$1,025.00	\$1,025.00
Outside rubbish, trash or waste fire Fireworks Related	4	4	00:05:34		
Dumpster or other outside trash receptacle fire	28	26	00:05:34	\$6,200.00	\$8,450.00
Dumpster or other outside trash receptacle fire Fireworks Rel	2	2	00:04:20		
Special outside fire, other	1	1	00:05:12		
Outside storage fire	1	1	00:04:49	\$1,500.00	\$1,500.00
Outside equipment fire	6	3	00:10:32	\$11,500.00	\$11,500.00
Cultivated trees or nursery stock fire	2	2	00:05:12	\$500.00	\$500.00
<b>Total Fire:</b>	<b>246</b>	<b>203</b>	<b>00:07:13</b>	<b>\$2,004,226.00</b>	<b>\$2,038,726.00</b>
<b><u>Rupture/Explosion</u></b>					
Explosion (no fire), other	3	3	00:08:38		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<b><u>Rupture/Explosion - (Continued)</u></b>					
Fireworks explosion (no fire)	1	1	00:05:08		
<b>Total Rupture/Explosion:</b>	<b>4</b>	<b>4</b>	<b>00:07:46</b>		
<b><u>EMS/Rescue</u></b>					
Medical Aid	7,976	7,578	00:04:57		
Medical Aid - Alcohol (overserved)	12	12	00:04:56		
Medical Aid Homeless - unsheltered	329	318	00:04:32		
Medical Aid Homeless - sheltered	34	33	00:04:37		
Vehicle accident with injuries	387	358	00:05:28	\$3,000.00	\$3,000.00
Motorcycle Accident	31	29	00:05:19		
Motor vehicle/pedestrian accident (MV Ped)	61	59	00:04:27		
Motor vehicle accident with no injuries	73	60	00:05:13		
Lock-in (if lock out , use 511 )	12	9	00:04:27		
Extrication, rescue, other	2	2	00:07:51		
Vehicle into a building/structure	11	10	00:04:57		
Extrication of victim(s) from vehicle	1	1	00:06:44		
Removal of victim(s) from stalled elevator	24	12	00:05:16		
Trench/below grade rescue	2	2	00:06:29		
Swift water rescue	3	2	00:04:37		
Electrocution or potential electrocution	1	1	00:06:20		
<b>Total EMS/Rescue:</b>	<b>8,959</b>	<b>8,486</b>	<b>00:04:57</b>	<b>\$3,000.00</b>	<b>\$3,000.00</b>
<b><u>Hazardous Condition</u></b>					
Hazardous condition, other	3	3	00:05:34		
Flammable gas or liquid condition, other	2	1	00:09:49		
Gasoline or other flammable liquid spill	4	2	00:08:17		
Gas leak (natural gas or LPG)	48	32	00:07:49		
Oil or other combustible liquid spill	1	1	00:04:30		
Electrical wiring/equipment problem, other	16	12	00:06:38		
Electrical wires down	25	23	00:07:02		
Overheated motor	2	1	00:04:55		
Power line down	5	5	00:07:07		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<b><u>Hazardous Condition - (Continued)</u></b>					
Arcing, shorted electrical equipment	34	18	00:07:18		
Biological hazard, confirmed or suspected	1				
Accident, potential accident, other	1	1	00:05:08		
Building or structure weakened or collapsed	1	1	00:03:51		
Attempted burning, illegal action, other	3	2	00:07:22		
Attempt to burn	1	1	00:03:19		
<b>Total Hazardous Condition:</b>	<b>147</b>	<b>103</b>	<b>00:07:10</b>		
<b><u>Service Call</u></b>					
Service Call, other	15	8	00:05:05		
Person in distress, other	20	16	00:04:31		
Lock-out	3	1	00:04:28		
Ring or jewelry removal	1	1	00:00:07		
Water problem, other	18	17	00:05:43		
Water evacuation	2	2	00:07:48		
Water or steam leak	17	10	00:07:52		
Smoke or odor removal	7	7	00:04:43		
Animal rescue	1				
Public service assistance, other	32	19	00:04:47		
Assist police or other governmental agency	17	10	00:08:04		
Police matter	30	17	00:05:12		
Public service	28	14	00:05:11		
Assist invalid	141	55	00:04:48		
Unauthorized burning	13	6	00:07:40		
Cover assignment, standby at fire station, moveup	1				
Cover assignment, standby, moveup	52	2	00:05:03		
<b>Total Service Call:</b>	<b>398</b>	<b>185</b>	<b>00:05:22</b>		
<b><u>Good Intent</u></b>					
Good intent call, other	71	54	00:06:02		
Dispatched & cancelled en route	30				
No Alarm	20				

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<b><u>Good Intent - (Continued)</u></b>					
EMS: Dispatched & cancelled en route	5				
Dispatched & cancelled False Alarm	350				
Dispatched & cancelled Medical Aid	426				
Dispatched & cancelled Public Assist	20				
Cancelled In Quarters	49				
Dispatched & cancelled Structure Fire	77				
Dispatched & cancelled Traffic Accident	101				
No incident found on arrival at dispatch address	226	175	00:05:33		
Steam, other gas mistaken for smoke, other	4	4	00:04:56		
Smoke scare, odor of smoke	161	117	00:06:30		
Steam, vapor, fog or dust thought to be smoke	1	1	00:03:18		
Barbecue, tar kettle	1	1	00:03:22		
Hazmat release investigation w/ no hazmat	1				
<b>Total Good Intent:</b>	<b>1,543</b>	<b>352</b>	<b>00:05:55</b>		
<b><u>False Call</u></b>					
False alarm or false call, other	134	110	00:05:29		
Malicious, mischievous false call, other	3	3	00:05:09		
Municipal alarm system, malicious false alarm	1	1	00:04:03		
Direct tie to FD, malicious/false alarm	1	1	00:03:55		
Central station, malicious false alarm	1	1	00:03:55		
Local alarm system, malicious false alarm	2	2	00:06:01		
Bomb scare - no bomb	1				
System malfunction, other	9	8	00:05:13		
Sprinkler activation due to malfunction	1	1	00:04:27		
Smoke detector activation due to malfunction	30	26	00:05:47		
Heat detector activation due to malfunction	2	1	00:04:19		
Alarm system sounded due to malfunction	86	83	00:05:24		
CO detector activation due to malfunction	3	3	00:09:43		
Unintentional transmission of alarm, other	27	24	00:04:54		
Sprinkler activation, no fire - unintentional	2	2	00:05:20		
Smoke detector activation, no fire - unintentional	35	33	00:05:13		

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<b><u>False Call - (Continued)</u></b>					
Detector activation, no fire - unintentional	9	8	00:05:54		
Alarm system sounded, no fire - unintentional	27	25	00:05:35		
Carbon monoxide detector activation, no CO	95	14	00:05:34		
<b>Total False Call:</b>	<b>469</b>	<b>346</b>	<b>00:05:27</b>		
<b><u>Other</u></b>					
Special type of incident, other	2	1	00:00:10	\$5,100.00	\$5,100.00
Citizen complaint	1				
<b>Total Other:</b>	<b>3</b>	<b>1</b>	<b>00:00:10</b>	<b>\$5,100.00</b>	<b>\$5,100.00</b>
<b>Total Incident Count:</b>	<b>11,769</b>	<b>9,680</b>		<b>\$2,012,326.00</b>	<b>\$2,046,826.00</b>