



COSTA MESA FIRE & RESCUE

2016 INCIDENT STATISTICS

The Fire Department classifies incidents into 8 categories. Below are the incident categories and incident count for 2016.

<u>Incident Category</u>	<u>2016 Incident Count</u>
Fire	271
Rupture/Explosion	3
EMS/Rescue	9,451
Hazardous Condition	207
Service Call	495
Good Intent	1,894
False Call	399
Other	1
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Total 2016 Incidents	12,721

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 1/1/2016 To 12/31/2016

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Fire</u>					
Fire, other	5	5	00:06:25	\$1,700.00	\$1,700.00
Building fire	69	54	00:07:06	\$7,555,100.00	\$11,033,002.00
Fires in structures other than in a building	1	1	00:06:02	\$50,000.00	\$50,000.00
Cooking fire, confined to container	24	23	00:06:45	\$6,027.00	\$6,027.00
Chimney or flue fire, confined to chimney or flue	4	3	00:06:25	\$25,600.00	\$25,600.00
Incinerator overload or malfunction, fire confined	1	1	00:06:01	\$11,000.00	\$11,000.00
Trash or rubbish fire, contained	5	5	00:06:07	\$200.00	\$200.00
Passenger vehicle fire	44	44	00:06:14	\$411,950.00	\$445,450.00
Road freight or transport vehicle fire	2	2	00:06:49		
Aircraft fire	1	1	00:08:32		
Off-road vehicle or heavy equipment fire	1	1	00:05:40	\$200.00	\$11,000.00
Natural vegetation fire, other	5	5	00:07:50	\$1,000.00	\$1,000.00
Forest, woods or wildland fire	4				
Brush, or brush and grass mixture fire	20	16	00:06:30	\$1,020.00	\$1,020.00
Grass fire	2				
Outside rubbish fire, other	22	18	00:05:47	\$2,710.00	\$2,710.00
Outside rubbish, trash or waste fire	7	6	00:05:05	\$1,500.00	\$1,500.00
Dumpster or other outside trash receptacle fire	38	35	00:05:34	\$11,400.00	\$11,900.00
Special outside fire, other	1	1	00:05:32		
Outside equipment fire	12	10	00:05:29	\$4,600.00	\$4,600.00
Cultivated trees or nursery stock fire	3	3	00:04:28	\$1,000.00	\$1,000.00
Total Fire:	271	234	00:06:20	\$8,085,007.00	\$11,607,709.00
<u>Rupture/Explosion</u>					
Fireworks related	2	1	00:05:53	\$11,500.00	\$11,500.00
Excessive heat, scorch burns with no ignition	1	1	00:02:43		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
Total Rupture/Explosion:	3	2	00:04:18	\$11,500.00	\$11,500.00
<u>EMS/Rescue</u>					
Rescue, emergency medical call (EMS) call, other	1				
Medical assist Ambulance Transport Only	127	6	00:01:42		
Medical Aid	7,616	7,272	00:04:54		
Medical Aid - Alcohol (overserved)	117	114	00:04:23		
Medical Aid Homeless - unsheltered	446	430	00:04:06		
Medical Aid Homeless - sheltered	108	107	00:04:08		
Vehicle accident with injuries	652	606	00:05:37		
Motorcycle Accident	71	69	00:05:44		
Motor vehicle/pedestrian accident (MV Ped)	111	109	00:04:26		
Motor vehicle accident with no injuries	125	105	00:06:07		
Lock-in (if lock out , use 511)	38	34	00:04:58		
Search for person in water	1	1	00:06:40		
Extrication, rescue, other	3	2	00:06:17		
Vehicle into a building/structure	13	11	00:04:14		
Extrication of victim(s) from vehicle	4	4	00:04:36		
Removal of victim(s) from stalled elevator	10	3	00:03:50		
Trench/below grade rescue	1	1	00:03:32		
Confined space rescue	1				
Extrication of victim(s) from machinery	1	1	00:05:09		
Swift water rescue	1				
Electrocution or potential electrocution	2	2	00:04:54		
Rescue or EMS standby	2	1	00:04:54		
Total EMS/Rescue:	9,451	8,878	00:04:55		
<u>Hazardous Condition</u>					
Hazardous condition, other	7	3	00:06:55		
Flammable gas or liquid condition, other	2	1	00:06:35		
Gasoline or other flammable liquid spill	5	2	00:15:08		
Gas leak (natural gas or LPG)	49	23	00:06:23		
Oil or other combustible liquid spill	5	1	00:08:28		
Toxic condition, other	2	1	00:04:54		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Hazardous Condition - (Continued)</u>					
Chemical spill or leak	3	1	00:08:25		
Carbon monoxide incident	1	1	00:03:58		
Electrical wiring/equipment problem, other	25	21	00:05:31		
Electrical wires down	29	25	00:06:20		
Heat from short circuit (wiring), defective/worn	3	2	00:04:12		
Overheated motor	2	1	00:04:32		
Power line down	2	1	00:13:01		
Arcing, shorted electrical equipment	61	23	00:06:44		
Biological hazard, confirmed or suspected	1				
Accident, potential accident, other	4				
Explosive, bomb removal (for bomb scare, use 721)	4	3	00:09:06		
Attempted burning, illegal action, other	2	1	00:05:56		
Total Hazardous Condition:	207	110	00:06:32		
<u>Service Call</u>					
Service Call, other	12	2	00:03:23		
Person in distress, other	24	16	00:05:05		
Lock-out	7	2	00:05:18		
Ring or jewelry removal	3	1	00:00:14		
Water problem, other	29	22	00:06:00		
Water or steam leak	21	8	00:05:54		
Smoke or odor removal	5	2	00:06:59		
Animal problem	2				
Animal rescue	2	1	00:05:15		
Public service assistance, other	23	7	00:07:09		
Assist police or other governmental agency	45	16	00:06:25		
Police matter	39	21	00:04:00		
Public service	19	7	00:05:59		
Assist invalid	161	42	00:05:01		
Unauthorized burning	5	2	00:06:45		
Cover assignment, standby, moveup	98	8	00:10:36		
Total Service Call:	495	157	00:05:38		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Good Intent</u>					
Good intent call, other	57	28	00:05:05	\$25.00	\$25.00
Dispatched & cancelled en route	24				
No Alarm	20				
Dispatched & cancelled False Alarm	324				
Dispatched & cancelled Medical Aid	570				
Dispatched & cancelled Public Assist	29				
Cancelled In Quarters	81				
Dispatched & cancelled Structure Fire	87				
Dispatched & cancelled Traffic Accident	165				
Wrong location	1	1	00:11:21		
No incident found on arrival at dispatch address	385	316	00:05:14		
Authorized controlled burning	1	1	00:06:23		
Vicinity alarm (incident in other location)	1				
Steam, other gas mistaken for smoke, other	3	2	00:09:14		
Smoke scare, odor of smoke	141	95	00:05:54		
Steam, vapor, fog or dust thought to be smoke	1	1	00:05:02		
Barbecue, tar kettle	1	1	00:07:15		
Hazmat release investigation w/ no hazmat	3	1	00:03:24		
Total Good Intent:	1,894	446	00:05:24	\$25.00	\$25.00
<u>False Call</u>					
False alarm or false call, other	109	72	00:05:14		
Malicious, mischievous false call, other	9	9	00:06:26		
Municipal alarm system, malicious false alarm	8	6	00:06:11		
Direct tie to FD, malicious/false alarm	1	1	00:03:40		
Central station, malicious false alarm	2	2	00:08:39		
Local alarm system, malicious false alarm	4	3	00:03:32		
Bomb scare - no bomb	2				
System malfunction, other	16	15	00:06:15		
Sprinkler activation due to malfunction	2	2	00:05:04		
Extinguishing system activation due to malfunction	1	1	00:04:46		
Smoke detector activation due to malfunction	32	29	00:06:02		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
False Call - (Continued)					
Heat detector activation due to malfunction	1	1	00:03:53		
Alarm system sounded due to malfunction	39	34	00:05:43		
CO detector activation due to malfunction	2	2	00:07:07		
Unintentional transmission of alarm, other	52	48	00:04:52		
Sprinkler activation, no fire - unintentional	2	1	00:05:18		
Smoke detector activation, no fire - unintentional	25	23	00:05:41		
Detector activation, no fire - unintentional	13	13	00:04:31		
Alarm system sounded, no fire - unintentional	36	36	00:05:44		
Carbon monoxide detector activation, no CO	43	7	00:06:31		
Total False Call:	399	305	00:05:30		
Other					
Special type of incident, other	1				
Total Other:	1	0			
Total Incident Count:	12,721	10,132		\$8,096,532.00	\$11,619,234.00