



COSTA MESA FIRE & RESCUE

2017 INCIDENT STATISTICS

The Fire Department classifies incidents into 9 categories. Below are the incident categories and incident count for 2017.

<u>Incident Category</u>	<u>2017 Incident Count</u>
Fire	218
Rupture/Explosion	5
EMS/Rescue	9,697
Hazardous Condition	200
Service Call	430
Good Intent	1,935
False Call	447
Severe Weather	3
Other	2
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Total 2017 Incidents	12,937

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 1/1/2017 To 12/31/2017

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
Fire					
Fire, other	10	7	00:06:23	\$2,300.00	\$3,200.00
Building fire	59	44	00:06:34	\$1,341,450.00	\$4,181,450.00
Fires in structures other than in a building	2	2	00:04:51	\$52,500.00	\$52,500.00
Cooking fire, confined to container	14	12	00:05:57	\$740.00	\$740.00
Chimney or flue fire, confined to chimney or flue	4	3	00:04:33	\$4,500.00	\$4,500.00
Fuel burner/boiler malfunction, fire confined	2	2	00:06:02		
Trash or rubbish fire, contained	10	5	00:05:45	\$653.00	\$653.00
Fire in mobile home used as fixed residence	1	1	00:05:24	\$700.00	\$700.00
Mobile property (vehicle) fire, other	1	1	00:06:38		
Passenger vehicle fire	28	26	00:06:14	\$216,350.00	\$216,350.00
Road freight or transport vehicle fire	1	1	00:07:05	\$1,500.00	\$1,500.00
Water vehicle fire	1				
Natural vegetation fire, other	6	4	00:07:01		
Forest, woods or wildland fire	7			\$25,000,000.00	\$25,000,000.00
Brush, or brush and grass mixture fire	17	12	00:10:59		
Grass fire	1	1	00:06:54		
Outside rubbish fire, other	10	9	00:05:16	\$1,800.00	\$1,800.00
Outside rubbish, trash or waste fire	7	6	00:06:47	\$2,500.00	\$2,500.00
Garbage dump or sanitary landfill fire	1	1	00:05:42		
Dumpster or other outside trash receptacle fire	25	24	00:05:51	\$3,520.00	\$5,520.00
Special outside fire, other	2	2	00:12:30	\$1,500.00	\$1,500.00
Outside storage fire	1	1	00:04:58	\$10,000.00	\$10,000.00
Outside equipment fire	7	6	00:04:38	\$4,075.00	\$3,575.00
Cultivated trees or nursery stock fire	1	1	00:10:40		
Total Fire:	218	171	00:06:33	\$26,644,088.00	\$29,486,488.00

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Rupture/Explosion</u>					
Munitions or bomb explosion (no fire)	2	2	00:00:39		
Fireworks related	1	1	00:04:16		
Excessive heat, scorch burns with no ignition	2	2	00:06:09		
Total Rupture/Explosion:	5	5	00:03:34		
<u>EMS/Rescue</u>					
Medical assist Ambulance Transport Only	24	2	00:03:51		
Emergency medical service, other	1	1	00:05:28		
Medical Aid	8,215	7,878	00:05:10		
Medical Aid - Alcohol (overserved)	16	16	00:04:30		
Medical Aid Homeless - unsheltered	459	438	00:04:18		
Medical Aid Homeless - sheltered	98	94	00:04:32		
Vehicle accident with injuries	560	539	00:06:07		
Motorcycle Accident	54	51	00:06:16		
Motor vehicle/pedestrian accident (MV Ped)	88	83	00:04:54		
Motor vehicle accident with no injuries	89	78	00:05:45		
Lock-in (if lock out , use 511)	35	30	00:04:47		
Extrication of victim(s) from building/structure	1	1	00:04:37		
Vehicle into a building/structure	12	11	00:05:22		
Extrication of victim(s) from vehicle	4	3	00:04:12		
Removal of victim(s) from stalled elevator	29	16	00:05:05		
Extrication of victim(s) from machinery	1	1	00:07:37		
Swift water rescue	8	8	00:07:13		
Electrocution or potential electrocution	3	3	00:05:07		
Total EMS/Rescue:	9,697	9,253	00:05:11		
<u>Hazardous Condition</u>					
Hazardous condition, other	6	4	00:09:19		
Flammable gas or liquid condition, other	2	1	00:06:45		
Gasoline or other flammable liquid spill	11	4	00:05:49		
Gas leak (natural gas or LPG)	48	31	00:06:14		
Oil or other combustible liquid spill	5				

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Hazardous Condition - (Continued)</u>					
Toxic condition, other	2	1	00:04:44		
Chemical hazard (no spill or leak)	2	1	00:07:07		
Chemical spill or leak	1	1	00:06:22		
Carbon monoxide incident	1	1	00:06:44		
Electrical wiring/equipment problem, other	14	12	00:07:47		
Electrical wires down	36	27	00:06:45		
Heat from short circuit (wiring), defective/worn	2	1	00:05:59		
Overheated motor	3	2	00:08:07		
Power line down	1	1	00:06:26		
Arcing, shorted electrical equipment	55	28	00:07:01		
Biological hazard, confirmed or suspected	2	1	00:06:43		
Accident, potential accident, other	3	2	00:07:07		
Building or structure weakened or collapsed	3	3	00:04:40		
Explosive, bomb removal (for bomb scare, use 721)	2	2	00:06:37		
Attempted burning, illegal action, other	1				
Total Hazardous Condition:	200	123	00:06:47		
<u>Service Call</u>					
Service Call, other	9	3	00:07:09		
Person in distress, other	10	2	00:05:48		
Lock-out	9	3	00:03:34		
Ring or jewelry removal	5				
Water problem, other	15	12	00:06:35		
Water evacuation	2	1	00:07:26		
Water or steam leak	9	3	00:07:24		
Smoke or odor removal	5	4	00:05:17		
Animal problem	3	1	00:09:46		
Animal rescue	9	2	00:05:06		
Public service assistance, other	29	10	00:06:11		
Assist police or other governmental agency	26	7	00:07:46		
Police matter	24	19	00:04:06		
Public service	31	6	00:04:46		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>Service Call - (Continued)</u>					
Assist invalid	174	64	00:05:59		
Defective elevator, no occupants	1	1	00:06:37		
Unauthorized burning	6	4	00:05:34		
Cover assignment, standby, moveup	63	6	00:09:22		
Total Service Call:	430	148	00:05:58		
<u>Good Intent</u>					
Good intent call, other	58	28	00:04:41		
Dispatched & cancelled en route	27				
No Alarm	16				
EMS: Dispatched & cancelled en route	1				
Dispatched & cancelled False Alarm	341				
Dispatched & cancelled Medical Aid	591				
Dispatched & cancelled Public Assist	22				
Cancelled In Quarters	73				
Dispatched & cancelled Structure Fire	84				
Dispatched & cancelled Traffic Accident	182				
No incident found on arrival at dispatch address	375	291	00:05:14		
Steam, other gas mistaken for smoke, other	7	5	00:06:22		
Smoke scare, odor of smoke	151	101	00:05:48	\$50.00	\$50.00
Steam, vapor, fog or dust thought to be smoke	2	1	00:03:54		
Barbecue, tar kettle	2	2	00:04:52		
EMS call, party transported by non-fire agency	1	1	00:02:25		
Hazmat release investigation w/ no hazmat	2	1	00:08:08		
Total Good Intent:	1,935	430	00:05:20	\$50.00	\$50.00
<u>False Call</u>					
False alarm or false call, other	122	102	00:04:53	\$7,000.00	\$7,000.00
Malicious, mischievous false call, other	5	5	00:04:49		
Municipal alarm system, malicious false alarm	3	3	00:04:58		
Telephone, malicious false alarm	1	1	00:04:32		
Local alarm system, malicious false alarm	3	3	00:03:54		

Incident Type	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
<u>False Call - (Continued)</u>					
Bomb scare - no bomb	1				
System malfunction, other	16	10	00:06:10		
Sprinkler activation due to malfunction	3	3	00:07:03		
Extinguishing system activation due to malfunction	1	1	00:06:06		
Smoke detector activation due to malfunction	41	34	00:06:45		
Heat detector activation due to malfunction	5	5	00:06:06		
Alarm system sounded due to malfunction	74	70	00:05:12		
CO detector activation due to malfunction	3				
Unintentional transmission of alarm, other	31	26	00:05:48		
Sprinkler activation, no fire - unintentional	4	3	00:08:58		
Smoke detector activation, no fire - unintentional	37	34	00:05:48		
Detector activation, no fire - unintentional	17	17	00:05:45		
Alarm system sounded, no fire - unintentional	36	32	00:05:55		
Carbon monoxide detector activation, no CO	44	8	00:06:34		
Total False Call:	447	357	00:05:33	\$7,000.00	\$7,000.00
<u>Severe Weather</u>					
Severe weather or natural disaster, other	2	2	00:06:26		
Flood assessment	1				
Total Severe Weather:	3	2	00:06:26		
<u>Other</u>					
Special type of incident, other	1	1	00:18:08		
Citizen complaint	1				
Total Other:	2	1	00:18:08		
Total Incident Count:	12,937	10,490		\$26,651,138.00	\$29,493,538.00