



LFR - Code 3 Fire Report

May 2017



Response Statistics (By District)

These charts provide a 12-month response time performance model that can be compared against total incidents and hospital transports for each service area.

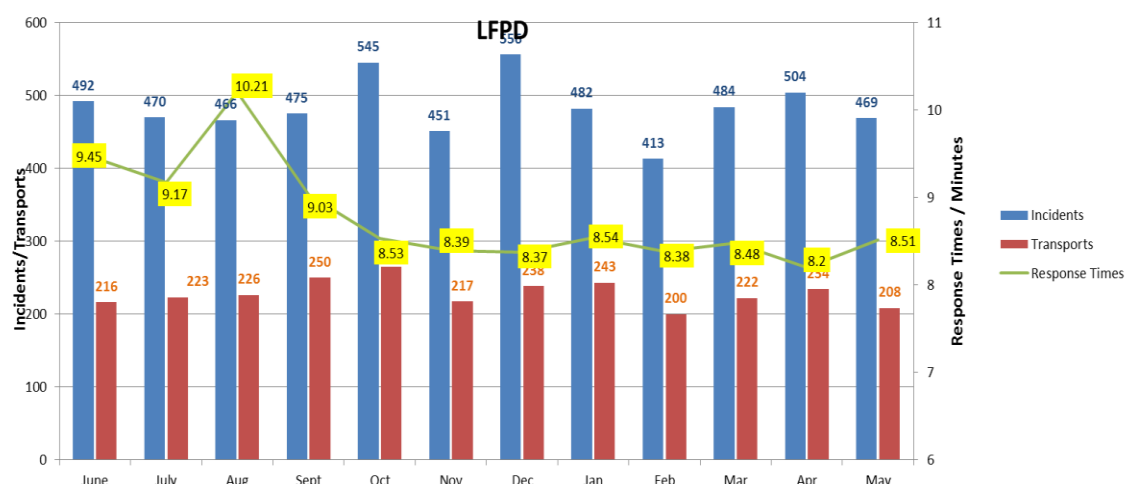
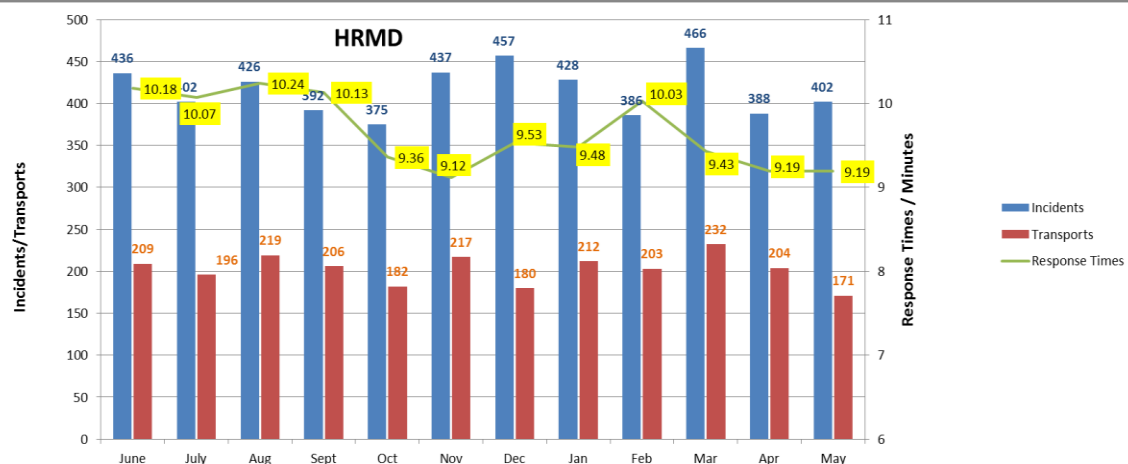
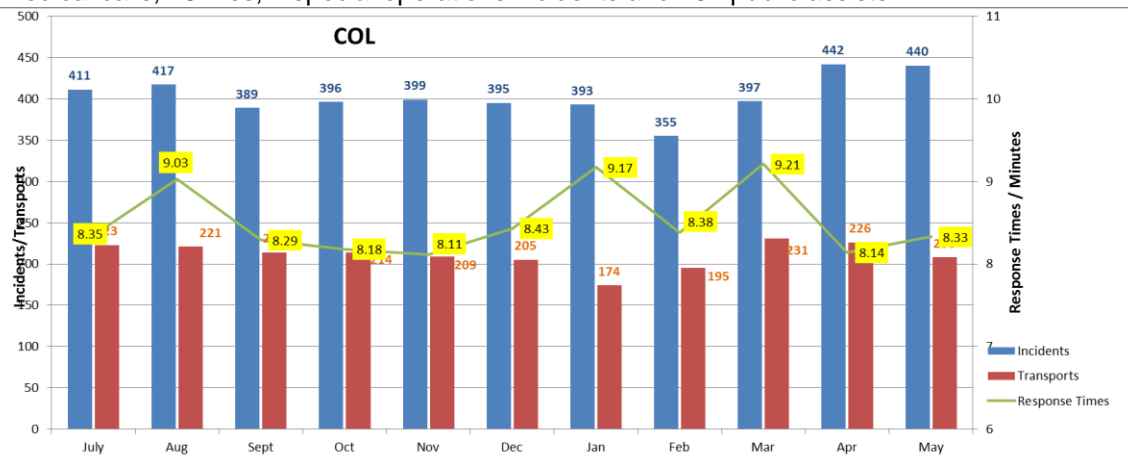
LFR responded to 1,329 incidents in April, with 2,388 unit responses. LFR Medics transported a total of 592 patients to local facilities for care. Medic 15 led the way with 124 transports and Medic 11 followed with 103. LFR responded to 145 fire alarms, 1,004 medical calls, 28 fires, 2 special operations incidents and 132 public assists.

Kudos to South Metro Fire Rescue and CDOT crews for their response to the tanker fire on I-25 Wednesday, May 31, 2017 that closed the highway in both directions. They, in turn, have offered thanks to Metro Care Ambulance, Littleton Fire Rescue, Cunningham Fire Rescue and Denver Fire for their help with the incident.

A tanker was traveling northbound on I-25 between Orchard Road and Belleview Avenue about noon Wednesday when it lost a tire and slammed into the median. Witnesses reported flames were trailing the tanker before it hit the median, and explosions began immediately after. The driver, whose leg appeared to be on fire, jumped from the cab and was helped to safety by two CDOT workers who were on maintenance patrol in the area.

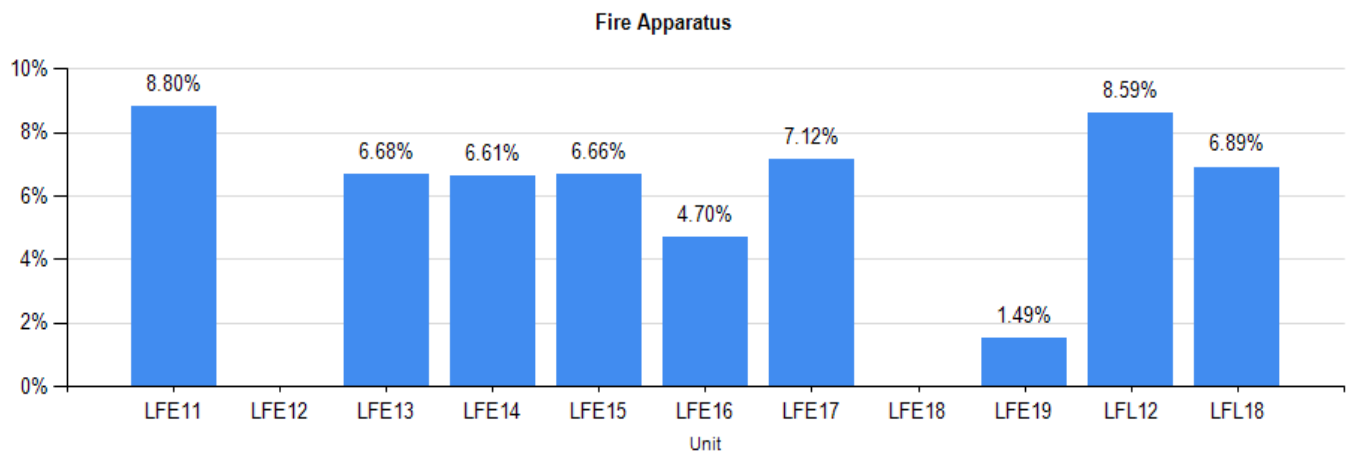
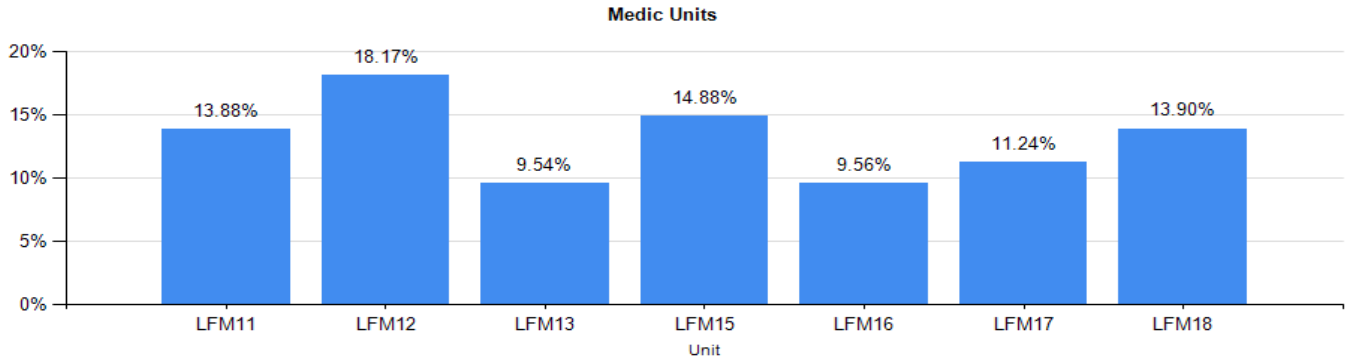
The tanker carried 500 gallons of diesel and 500 gallons of eight different types of oil. Firefighters used special foam throughout the afternoon to extinguish the fire. The tanker continued to burn hours after the crash. It is estimated that asphalt reached at least 450 degrees. Once the fire cooled, remaining fuel in the tanks had to be off-loaded, and the truck turned over before clean-up efforts could begin.

Two southbound lanes were opened before the height of the afternoon rush. RTD light rail, which was at first thought to be damaged, resumed service about 3:30. E-470 waived tolls in response to the I-25 closure. Remaining southbound lanes opened by midnight Wednesday. Northbound lanes opened about 4:32 Thursday morning. 70 CDOT and contract workers were deployed to repair the highway, which usually carries 260,000 vehicles each day. They brought in 100 tons of asphalt to accomplish repairs. Permanent repairs will be needed in coming weeks, but will be done at night to minimize the impact to traffic.



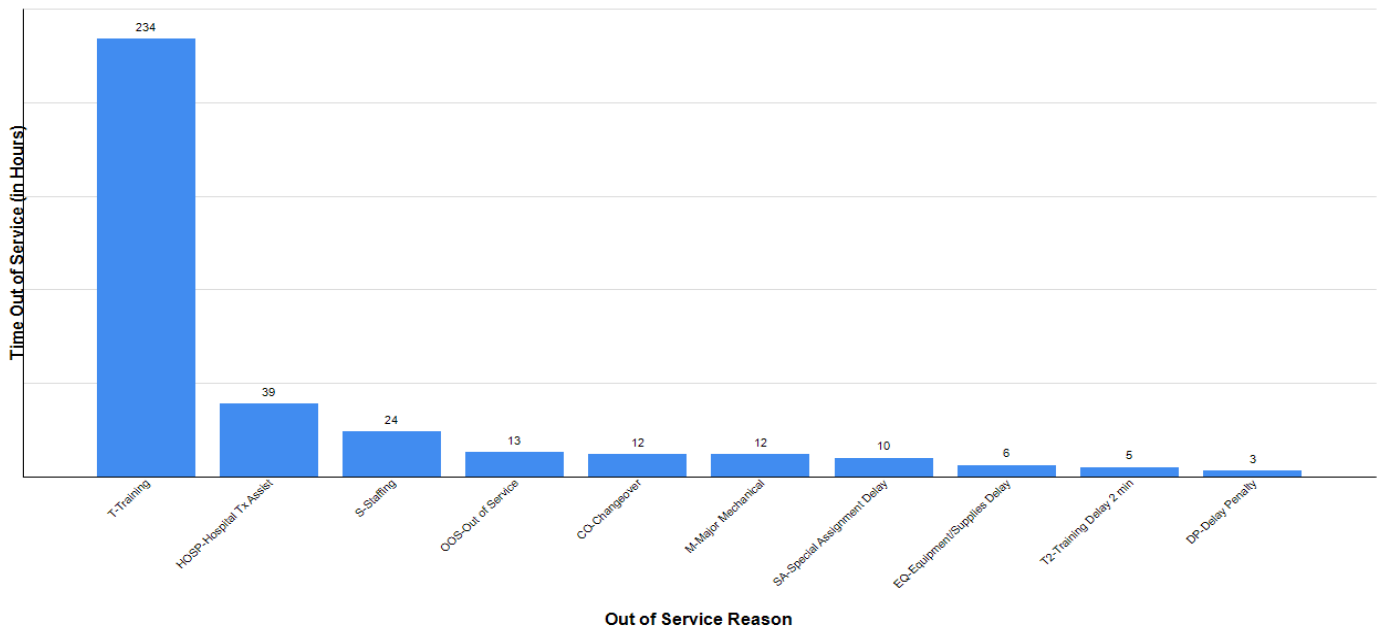
Unit Hour Utilization

The "Peak Hour" units continue to have a positive impact on unit hour utilization rates. Medic 12 was our busiest unit at 18.17% followed by Medic 15 at 14.88%. Engine 11 was the busiest with 8.80% followed by Ladder 12 with 8.59%.



Out of Service Report

Out-of-Service reports directly correlate to unit availability. While some out-of-service time is expected, for training as an example, other out-of-service times are not. Out-of-service time for Training was 234 hours and Hospital Transport out-of-service time for engine companies was 39 hours.



News from Fire Prevention...

May 2017 Monthly Report:

Plan Review / Inspection Activity

Primary Fire Inspections: 43

Follow-up Fire Inspections: 38

Permit Related Appointments: 50

Non-Permit Related Appointments: 20

Plan Reviews: 108

Fire Investigations:

The Bureau responded to 4 incidents with an estimated combined dollar loss of \$150,000.

Preplans:

As of June 1, 2017, 1,146 preplans have been completed out of 2,539 assigned.

Public Education April 2017 Report

Number of presentations given: 20

Number of people taught through classes: 772

Stepping On Senior Fall Prevention, 1 session: 14 participants

City Council Eat, Meet and Greet: 66 kids for Wheel of Safety

Total Number of Citizens Taught Through Safety Education Programs: 852

Other Activities

Taught at the Recruit Academy.

Training Division

The month of May update from the Training Division reports that members completed 3,430 hours of training and the 2017 LFR New Hire Recruit Academy has reached its halfway point. The recruits participated in their first formal evaluation in the form of the Colorado Metropolitan Certification Board (CMCB) Firefighter 1 Test. The recruits all passed the practical and written portions of the exam.



Passing of the practical portion of this test is the gateway to larger scenario-based trainings such as “live fire” exercises. Recruits will be conducting an “Introduction to Fire Behavior” in the Department’s Flashover Chamber in the next week. Additionally, recruits and Littleton crews will conduct full scenarios under live fire conditions in our burn prop. Crews and recruits will operate side by side in first level and below grade fire conductions, conducting Rapid Intervention Team, rescue, ladder and fire attack operations.

Littleton crews participated in practical training on the South Platte River. Crews simulated river rescue operations in anticipation of a heavy spring run-off. Crews refreshed topics such as proper personal protective equipment, rescue options and command and control.

Crews also ran scenarios in the south end of the district simulating wildland urban interface fires operations. Crews practiced mobile attack and command and control options during these exercises as well.

Incident Breakdown

Below is a snapshot of incidents by category/unit. The table also includes total responses by incident type.

# of Incidents for Littleton Fire										Transports	
Alarms	EMS	Fire	Other	Public Assist	Special Ops	Total				# of Transports	
145	1004	28	18	132	2	1329				592	

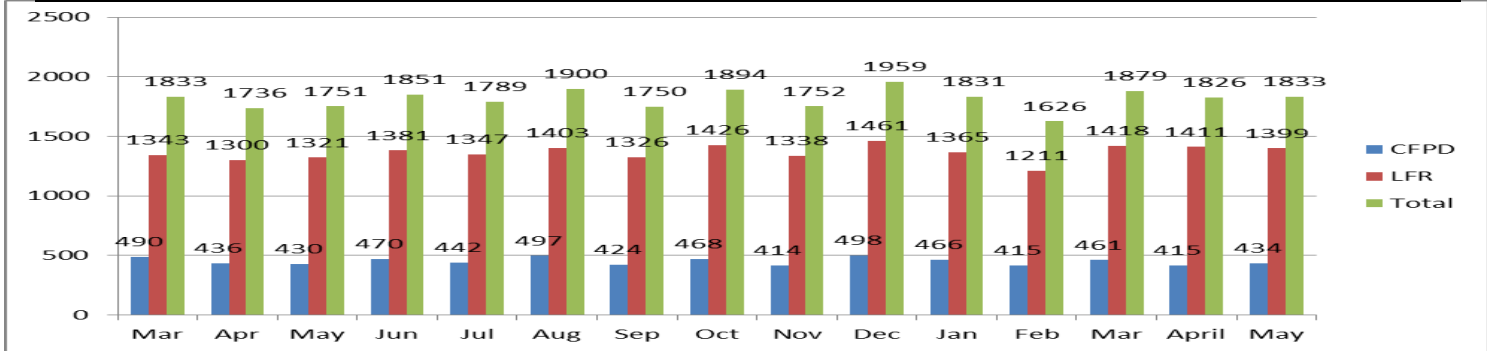
Response Measures by Unit by Incident Type (Littleton Fire Units Only)																
Station District	Dispatch		TurnOut		Travel		Response		Transports by Unit	Number of Responses By Incident Type						
	90th Percentile	% Goal Met	90th Percentile	% Goal Met	90th Percentile	% Goal Met	90th Percentile	% Goal Met		Alarms	EMS	Fire	Other	Public Assist	Special Ops	Total
LFE11	00:00:52	Yes	00:01:27	Yes	00:07:40	No	00:09:13		0	20	156	5	1	30	0	212
LFE13	00:00:49	Yes	00:01:47	No	00:07:50	No	00:09:40		0	24	111	4	2	12	0	153
LFE14	00:00:53	Yes	00:01:22	Yes	00:06:34	Yes	00:08:21		0	13	117	7	3	18	0	158
LFE15	00:00:52	Yes	00:01:33	No	00:08:51	No	00:11:28		0	21	121	5	4	11	0	162
LFE16	00:00:54	Yes	00:01:25	Yes	00:08:31	No	00:10:12		0	15	95	3	1	14	2	130
LFE17	00:00:53	Yes	00:01:22	Yes	00:07:58	No	00:09:42		0	20	132	1	6	19	0	178
LFE19	00:00:57	Yes	00:01:47	No	00:09:43	No	00:11:32		0	3	25	1	0	2	0	31
LFEMS11	00:00:58	Yes	00:00:05	Yes	00:00:00	Yes	00:00:00		0	0	1	0	0	0	0	1
LFL12	00:00:51	Yes	00:01:29	Yes	00:06:59	Yes	00:08:48		0	26	159	6	1	17	0	209
LFL18	00:00:54	Yes	00:01:21	Yes	00:09:33	No	00:11:37		0	32	119	3	5	24	0	183
LFM11	00:00:51	Yes	00:01:49	No	00:08:05	No	00:12:55		103	0	160	2	0	8	0	170
LFM12	00:00:50	Yes	00:01:20	Yes	00:08:08	No	00:12:53		85	1	117	0	0	3	0	121
LFM13	00:00:52	Yes	00:01:43	No	00:08:54	No	00:16:26		68	2	105	0	1	7	0	115
LFM15	00:00:50	Yes	00:01:38	No	00:07:58	No	00:10:58		124	1	199	2	0	5	0	207
LFM16	00:00:47	Yes	00:01:32	No	00:11:33	No	00:14:02		78	0	122	0	0	4	0	126
LFM17	00:00:50	Yes	00:01:31	No	00:09:08	No	00:11:55		81	0	135	1	2	4	0	142
LFM18	00:00:52	Yes	00:01:19	Yes	00:11:57	No	00:14:02		53	0	87	0	0	3	0	90
Total	00:00:52	Yes	00:01:32	Yes	00:08:26	No	00:10:56		592	178	1,961	40	26	181	2	2,388

Financials:

	Billable Incidents	Gross Charges	Adjustments	Net Charges	Collections	Write Off Amt	Balance Due	Avg Charge	Avg Miles	Avg Adjustment	Avg Net Charge	Avg Collection	Gross Col %	Net Col %	Paid %
2016-05	635	\$734,554.00	\$352,632.65	\$381,921.35	\$291,859.01	\$66,735.11	\$23,327.23	\$1,156.78	4.53	\$555.33	\$601.45	\$459.62	39.73%	76.42%	89.61%
2016-06	611	\$709,976.00	\$302,328.65	\$407,647.35	\$289,646.64	\$86,975.42	\$31,025.29	\$1,161.99	4.77	\$494.81	\$667.18	\$474.05	40.80%	71.05%	86.74%
2016-07	641	\$745,936.00	\$322,703.53	\$423,232.47	\$299,836.87	\$82,046.02	\$41,349.58	\$1,163.71	4.85	\$503.44	\$660.27	\$467.76	40.20%	70.84%	84.87%
2016-08	670	\$779,302.00	\$353,188.44	\$426,113.56	\$294,495.66	\$48,725.94	\$82,891.96	\$1,163.14	4.86	\$527.15	\$635.99	\$439.55	37.79%	69.11%	85.37%
2016-09	682	\$796,118.00	\$357,114.55	\$439,003.45	\$314,524.51	\$25,986.00	\$98,492.94	\$1,167.33	4.88	\$523.63	\$643.70	\$461.18	39.51%	71.65%	86.07%
2016-10	671	\$779,316.00	\$315,155.27	\$464,160.73	\$294,973.51	\$17,466.00	\$151,721.22	\$1,161.42	4.71	\$469.68	\$691.74	\$439.60	37.85%	63.55%	80.48%
2016-11	646	\$750,791.50	\$287,568.82	\$463,222.68	\$290,799.17	\$10,297.76	\$162,125.75	\$1,162.22	4.74	\$445.15	\$717.06	\$450.15	38.73%	62.78%	78.17%
2016-12	569	\$658,455.00	\$269,547.39	\$388,907.61	\$231,248.95	\$275.00	\$157,383.66	\$1,157.21	4.47	\$473.72	\$683.49	\$406.41	35.12%	59.46%	77.86%
2017-01	638	\$738,579.50	\$246,875.00	\$491,704.50	\$224,654.59	\$1,111.50	\$265,938.41	\$1,157.65	4.84	\$386.95	\$770.70	\$352.12	30.42%	45.69%	66.61%
2017-02	606	\$705,019.50	\$189,612.76	\$515,406.74	\$194,640.73	\$4.37	\$320,761.64	\$1,163.40	4.94	\$312.89	\$850.51	\$321.19	27.61%	37.76%	57.76%
2017-03	698	\$808,279.50	\$218,290.58	\$589,988.92	\$210,023.02	\$277.00	\$379,688.90	\$1,157.99	4.72	\$312.74	\$845.26	\$300.89	25.98%	35.60%	56.45%
2017-04	676	\$781,944.00	\$89,543.15	\$692,400.85	\$82,210.20	\$0.00	\$610,190.65	\$1,156.72	4.67	\$132.46	\$1,024.26	\$121.61	10.51%	11.87%	24.11%
2017-05	265	\$304,574.50	\$0.00	\$304,574.50	\$0.00	\$0.00	\$304,574.50	\$1,149.34	4.36	\$0.00	\$1,149.34	\$0.00	0.00%	0.00%	0.00%
Totals:	8008	\$9,292,845.50	\$3,304,560.79	\$5,988,284.71	\$3,018,912.86	\$339,900.12	\$2,629,471.73	\$1,160.45	4.74	\$412.66	\$747.79	\$376.99	32.49%	50.41%	70.20%

Communications Center Stats....

Below you will find the statistical report for Littleton Fire Rescue Communications Center (LFRCC). *Serving the communities of the City of Littleton, Littleton Fire Protection District, Highlands Ranch Metro District and Cunningham Fire Protection District. Serving portions of Arapahoe, Douglas and Jefferson Counties, as well as the Town of Bow Mar, the Town of Columbine Valley, a portion of the City of Centennial, the City of Greenwood Village, the City of Lakewood and Lockheed Martin.*



Phone Volume and Performance

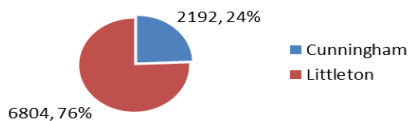
Incoming Calls 12 month totals	911 Lines	10 Digit Emergency Lines	In-house Admin Lines	Lockheed	Total Phone Calls	Avg. Phone Answer Time	Percent calls answered within Standard	Cell & VoIP calls vs. Land Line
February	1036	2944	981	0	4181	5.281 Sec	99.97	70.74
March	1228	2571	1342	0	5170	5.387 Sec	99.94	71.09
April	1153	3379	754	0	5286	5.273 Sec	99.95	70.96
May	1137	3304	1086	0	5527	5.696 Sec	98.84	74.43
June	1161	2635	1347	0	5143	4.860 Sec	99.97	72.26
July	1151	2616	1408	0	5175	4.813 Sec	99.98	77.42
August	1234	2930	1214	17	5395	4.949 Sec	100.00	74.31
September	867	2529	607	13	4016	5.033 Sec	99.97	77.54
October	1212	3408	696	8	5324	4.762 Sec	100.00	75.66
November	1139	3087	540	7	4773	4.620 Sec	99.97	75.60
December	1275	3340	557	13	5185	4.605 Sec	100.00	73.24
JAN	1217	3265	762	5	5250	4.703 Sec	100.00	76.83
Feb	1068	2339	845	9	4261	4.350 Sec	100.00	75.68
March	1236	2562	1082	13	4893	4.585 Sec	99.97	72.00
April	232	2399	2199	8	4838	5.056 Sec	99.95	75.61
May	1101	2404	629	21	4857	4.670 Sec	100.00	87.19

911 Calls Year-to-Date Performance

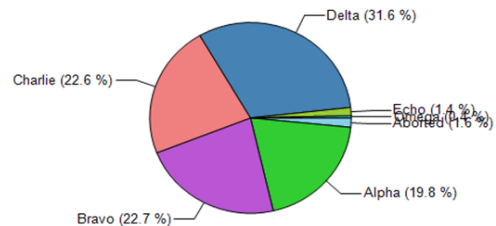
Call Processing Time	May 2017	Year to date	Last 12 Months # Compliant of Total handled
Cunningham Fire	95.5 %	93.7	92.6
Littleton Fire	94.7 %	93.9	93.0
All Jurisdiction's	94.9 %	93.7	93.1

The goal of the Communication Center is to process 90% of all calls within one minute
 This is raw data and not filtered with exceptions.

Calls to Date 2017



The Distribution of Levels for the Operators Calls



**Total incidents to date
8,993**