

Document 1 Data

Table 1 – Incident Volume for 2016, 2017 and 2018.

Response Type	2016 Incident Volume	2017 Incident Volume	2018 Incident Volume	% Increase or Decrease from 2017 to 2018
Fire	1,152	958	1,093	14.09%
Fire Related	2,308	2,130	2,419	13.57%
False Alarm	8,721	9,276	9,247	-0.31%
Hazmat	1,278	1,309	1,668	27.43%
Rescue	4,069	4,128	4,326	4.80%
Medical	4,101	4,380	4,457	1.76%
Aid Agreements	9	12	26	116.67%
Miscellaneous*	2,365	2,855	2,844	-0.39%
Grand Total	24,003	25,048	26,080	4.12%

*Miscellaneous calls include, but are not limited to, call cancelled, assist other agencies, other public service, assist not required, incident not found, assist Police, etcetera.

Table 2– Apparatus Responses for 2016, 2017 and 2018

	2016 Apparatus Responses	2017 Apparatus Responses	2018 Apparatus Responses	% Increase from 2017 to 2018
Apparatus Responses	67,470	69,441	73,870	6.38%

Table 3 – Career Response Times within Urban, Suburban and Rural Grids

Population Density	Risk Rating	Required Firefighters On Scene (Effective Response Force)	CFAI Travel Time Benchmark	CFAI Travel Time Baseline	90th Percentile Travel Time 2016	90th Percentile Travel Time 2017	90th Percentile Travel Time 2018
Metropolitan/Urban	Low	4	04:00	05:12	05:42	05:24	05:13
Metropolitan/Urban	Moderate 1	14	08:00	10:24	08:11	08:52	08:09
Metropolitan/Urban	Moderate 2	17	08:00	10:24	06:51	06:23	07:44
Metropolitan/Urban	High/Special	25	08:00	10:24	08:33	10:06	07:44
Suburban	Low	4	05:00	06:30	06:38	05:56	05:49
Suburban	Moderate 1	14	10:00	13:00	10:20	10:32	10:39
Suburban	Moderate 2	17	10:00	13:00	08:30	01:12	10:04

Population Density	Risk Rating	Required Firefighters On Scene (Effective Response Force)	CFAI Travel Time Benchmark	CFAI Travel Time Baseline	90th Percentile Travel Time 2016	90th Percentile Travel Time 2017	90th Percentile Travel Time 2018
Suburban	High/Special	25	10:00	13:00	11:22	09:58	No incident with response requirement
Rural	Low	4	10:00	13:00	09:40	09:20	10:04
Rural	Moderate 1	14	14:00	18:12	12:01	10:45	11:19
Rural	Moderate 2	17	14:00	18:12	04:01	27:15	13:42
Rural	High/Special	25	14:00	18:12	09:36	11:18	No incident with response requirement

Table 4 – Volunteer Response Times within Suburban and Rural Grids

Population Density	Risk Rating	Required Firefighters On Scene (Effective Response Force)	CFAI Travel Time Benchmark	CFAI Travel Time Baseline	90th Percentile Travel Time 2016	90th Percentile Travel Time 2017	90th Percentile Travel Time 2018
Suburban	Low	4	05:00	06:30	06:16	09:18	13:34
Suburban	Moderate 1	14	10:00	13:00	02:27	10:04	13:53
Suburban	Moderate 2	17	10:00	13:00	No incident with response requirement	No incident with response requirement	No incident with response requirement
Suburban	High/Special	25	10:00	13:00	No incident with response requirement	07:46	No incident with response requirement
Rural	Low	4	10:00	13:00	10:54	13:14	13:08
Rural	Moderate 1	14	14:00	18:12	16:43	18:08	16:26
Rural	Moderate 2	17	14:00	18:12	21:27	15:00	13:11

Population Density	Risk Rating	Required Firefighters On Scene (Effective Response Force)	CFAI Travel Time Benchmark	CFAI Travel Time Baseline	90th Percentile Travel Time 2016	90th Percentile Travel Time 2017	90th Percentile Travel Time 2018
Rural	High/Special	25	14:00	18:12	No incident with response requirement	10:33	No incident with response requirement

Table 5 – Career Specialty Teams Effective Response Force Total Response Times within Urban, Suburban and Rural Grids

Response Type	Population Density	Baseline	2016 Response	2017 Response	2018 Response
Hazardous Materials	Metropolitan/Urban	09:00	07:58	07:44	07:45
	Suburban	09:52	08:38	09:07	09:16
	Rural	15:50	10:49	13:40	16:04
Specialty Rescues	Metropolitan/Urban	09:43	09:11	09:21	09:22
	Suburban	11:11	09:56	10:21	09:53
	Rural	14:55	14:57	13:17	16:42
Medical	Metropolitan/Urban	06:46	06:29	06:09	06:10
	Suburban	08:04	07:42	07:38	07:07
	Rural	12:23	10:25	10:01	11:13

Table 6 – Volunteer Specialty Teams Effective Response Force Total Response Times within Suburban and Rural Grids

Response Type	Population Density	Baseline	2016 Response	2017 Response	2018 Response
Hazardous Materials	Suburban	13:34	12:48	10:29	17:32
	Rural	18:13	16:46	18:52	18:54
Specialty Rescues	Suburban	08:38	No incident with response requirement	No incident with response requirement	No incident with response requirement
	Rural	16:05	19:51	22:06	23:24
Medical	Suburban	10:19	10:23	11:22	12:05
	Rural	14:21	16:06	13:25	15:17

Table 7 – Communications Centre Call Volume 2014-2018

Year	2014	2015	2016	2017	2018
Number of Calls	85,922	90,786	91,206	93,160	94,586

