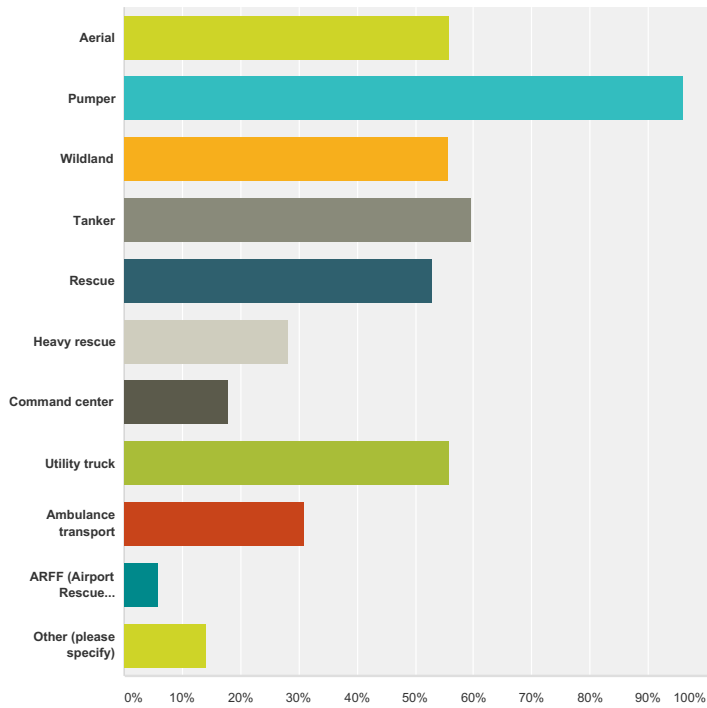


2017 FAMA Industry Outlook Survey

Q1 Which of the following apparatus does your department currently own? (Select all that apply.)

Answered: 1,642 Skipped: 0



Answer Choices	Responses
Aerial	55.85% 917
Pumper	95.98% 1,576
Wildland	55.66% 914
Tanker	59.74% 981
Rescue	52.92% 869
Heavy rescue	28.26% 464
Command center	17.97% 295
Utility truck	56.03% 920
Ambulance transport	30.82% 506
ARFF (Airport Rescue Firefighting)	5.91% 97
Other (please specify)	14.19% 233
Total Respondents: 1,642	

#	Other (please specify)	Date
1	Chief Vehicle	2/24/2017 2:46 PM
2	Rescue boat	2/24/2017 11:53 AM
3	Foam Unit	2/24/2017 11:40 AM
4	atv	2/24/2017 8:24 AM
5	UTV	2/23/2017 10:39 PM
6	HAZ MAT	2/23/2017 6:58 PM
7	Hazmat truck	2/23/2017 2:35 PM
8	Utv	2/23/2017 2:10 PM
9	UTV	2/20/2017 12:41 PM
10	2 - pumper tankers	2/18/2017 1:40 PM
11	Has-mat	2/17/2017 1:28 PM
12	paramedic squad truck	2/17/2017 8:57 AM
13	All Terrain Vehicle	2/16/2017 11:14 PM
14	Surfaced supplied air truck, sonar truck	2/16/2017 4:47 PM

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15	Quint	2/16/2017 2:07 PM
16	Turnout gear and airpack truck	2/16/2017 1:22 PM
17	Command unit	2/16/2017 12:10 PM
18	Tactical rescue	2/16/2017 10:08 AM
19	EMS and Haz Mat units	2/16/2017 9:36 AM
20	MSU (medical services trailer) rehab unit	2/16/2017 9:34 AM
21	Pick Ups, Command Truck, Vans	2/16/2017 8:47 AM
22	Chiefs Car	2/16/2017 8:46 AM
23	Water Rescue Unit	2/14/2017 1:35 PM
24	Snowmobile, Side by Side	2/13/2017 6:42 AM
25	ATV with fire rescue skid	2/12/2017 7:12 PM
26	Mobile cascade	2/11/2017 10:42 PM
27	HAZ MAT TRUCK	2/11/2017 9:20 AM
28	EMS reponse SUV	2/11/2017 8:44 AM
29	2.5 ton military, boat , ranger, brush unit	2/10/2017 12:19 PM
30	brush truck	2/10/2017 8:28 AM
31	Boat	2/10/2017 12:56 AM
32	Has mat	2/9/2017 8:35 PM
33	1st Responder unit--non-transport	2/9/2017 1:44 PM
34	SUV Command units	2/9/2017 10:46 AM
35	1000 gal type A/B foam trailer, Traffic control trailer, SCBA breathing air compressor trailer with proble casade system	2/9/2017 10:44 AM
36	2 5ton military trucks converted over-1 is a brush truck,the other is a flood rescue vehicle 2 military humvees that are being used for Fire police use	2/9/2017 10:06 AM
37	Specialized Trailers	2/8/2017 5:09 PM
38	HazMat	2/8/2017 5:05 PM
39	Components	2/8/2017 4:24 PM
40	Tahoe, HAZMAT Trailer	2/8/2017 4:06 PM
41	fire boat	2/8/2017 3:43 PM
42	brush truck	2/8/2017 3:32 PM
43	Mobile command unit	2/8/2017 3:11 PM
44	Rehab, Polaris 6X6-UTV,	2/8/2017 3:09 PM
45	RESCUE PUMPER	2/8/2017 3:03 PM
46	Command vehicle	2/8/2017 2:31 PM
47	Haz Mat vehicle	2/8/2017 2:27 PM
48	Utv's. Atvs	2/8/2017 2:26 PM
49	tower ladder	2/8/2017 2:25 PM
50	fuels management equipment	2/8/2017 2:19 PM
51	Medical Quick Response Unit	2/8/2017 2:09 PM
52	Military Oshkosh 6000 gallon Airforce Re-Fueler	2/8/2017 2:08 PM
53	Fire Boat, Dive Boat	2/8/2017 2:04 PM
54	ATV / Snowmobile	2/8/2017 8:27 AM
55	Admin vehicles, Hazmat truck	2/7/2017 3:37 PM
56	Hose truck	2/6/2017 2:42 PM
57	Drafting truck	2/3/2017 3:16 PM
58	Staff SUV	2/3/2017 2:28 PM
59	Dive Rescue & Boat	2/2/2017 4:10 PM
60	Wildland	2/2/2017 12:43 PM
61	Medium Rescue and medical rescue	2/2/2017 6:29 AM
62	fireboat	2/1/2017 4:52 PM
63	Air unit	2/1/2017 12:05 PM
64	Water Rescue	2/1/2017 11:03 AM
65	6x6 all-terrain vehicle c/w skid	1/31/2017 5:51 PM
66	Engine	1/31/2017 11:01 AM
67	dumptruck, trackhoe, bulldozer, backhoe	1/31/2017 9:39 AM
68	Boat	1/30/2017 1:48 PM
69	haz-mat	1/29/2017 5:18 PM
70	UTV	1/28/2017 5:44 PM
71	engine rescue and minie pumper	1/28/2017 11:51 AM
72	6x6 utv, with rescue trailer	1/28/2017 9:51 AM
73	Chiefs SUV	1/28/2017 8:44 AM
74	boat	1/28/2017 8:11 AM

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75	rescue/pumper	1/28/2017 6:59 AM
76	Rescue boat	1/28/2017 5:42 AM
77	ATVS / BOATS	1/28/2017 12:10 AM
78	Jeep Ambulance, Mass Casualty Trailer	1/27/2017 11:11 PM
79	HazMat, Explosives	1/27/2017 10:43 PM
80	Fire/rescue Safe Boat	1/27/2017 10:32 PM
81	UTV	1/27/2017 10:23 PM
82	Battalion vehicle	1/27/2017 10:02 PM
83	Hazmat	1/27/2017 6:36 PM
84	Suburban command vehicle	1/27/2017 6:32 PM
85	Boats, USAR, Dive, Haz Mat	1/27/2017 6:14 PM
86	Ranger and boat/swift water/ military vehicle	1/27/2017 6:11 PM
87	Support vehicle	1/27/2017 5:25 PM
88	Tahoe Command Vehicle	1/27/2017 12:10 PM
89	Marine unit	1/27/2017 8:16 AM
90	Brush Truck	1/26/2017 9:33 PM
91	UHP 6x6	1/26/2017 7:27 PM
92	Traffic unit	1/26/2017 11:12 AM
93	Engine/Rescue	1/25/2017 8:48 PM
94	ATV, UTV, snowcat	1/25/2017 7:38 PM
95	John Deere gator with water tank and pump	1/25/2017 5:53 PM
96	Hybrid type 6/mini-pumper	1/24/2017 11:59 PM
97	Water Rescue drive trailer and boat	1/23/2017 4:30 PM
98	Hazmat	1/23/2017 3:31 PM
99	HAZ-MAT	1/23/2017 3:12 PM
100	Command Vehicles	1/23/2017 2:52 PM
101	Traffic	1/23/2017 12:28 PM
102	Haz Mat	1/22/2017 10:39 AM
103	Tactical AWD Water Tender (tanker)	1/21/2017 6:01 PM
104	UTV and Boat	1/20/2017 5:09 PM
105	UTV	1/20/2017 5:08 PM
106	Argo rescue	1/20/2017 4:38 PM
107	boat	1/19/2017 7:15 PM
108	command vehicles, four wheelers/snowmachines with trailers	1/19/2017 1:49 PM
109	staff duty vehicles; maintenance vehicles	1/19/2017 8:47 AM
110	Side x side with tracks, fire and EMS skids.	1/19/2017 8:12 AM
111	HazMat	1/19/2017 6:04 AM
112	Hazmat operations Truck	1/19/2017 5:35 AM
113	snowmobile or orv rescue	1/18/2017 9:34 PM
114	rehab unit	1/18/2017 8:30 PM
115	Staff SUVs	1/18/2017 6:30 PM
116	EMS nontransport	1/18/2017 5:06 PM
117	Brush	1/18/2017 4:54 PM
118	Brush	1/18/2017 4:52 PM
119	ATV	1/18/2017 4:49 PM
120	Side by side	1/18/2017 4:48 PM
121	Airboat and Reel Truck	1/18/2017 4:45 PM
122	HazMat vehicle, TRT truck and trailer, Underwater Rescue response vehicle with 2 boats on tandem trailer, 1 fire boat, a mass Decon vehicle.	1/18/2017 4:22 PM
123	brush trucks	1/18/2017 3:25 PM
124	Boats, UTV and high water rescue	1/18/2017 10:28 AM
125	Brush Truck	1/18/2017 9:37 AM
126	ATV	1/17/2017 3:58 PM
127	Argo. And a boat	1/17/2017 1:44 PM
128	Rehab	1/17/2017 1:11 PM
129	polaris 6x6 grass fire	1/17/2017 7:54 AM
130	polaris UTV for rescue and wildland fires	1/16/2017 5:37 PM
131	M	1/16/2017 3:25 PM
132	First responder van	1/14/2017 8:25 AM
133	air truck	1/14/2017 7:08 AM
134	boat	1/14/2017 3:35 AM

2017 FAMA Industry Outlook Survey

135	MCI trailer	1/14/2017 3:04 AM
136	Breathing support	1/13/2017 10:15 AM
137	Chiefs, Special Service	1/13/2017 5:53 AM
138	Inflatable boat, UTV	1/12/2017 1:13 PM
139	Mini pumper	1/12/2017 11:55 AM
140	HAZMAT trailer, Fuel Spill Trailer, Boats, Off Roas Rescue	1/12/2017 11:34 AM
141	Squad	1/12/2017 10:50 AM
142	BLS First Response	1/12/2017 10:49 AM
143	QRS Mini Pumper	1/12/2017 9:09 AM
144	Tracked vehicles -2, and a semi / transport unit	1/12/2017 8:08 AM
145	BOATS & TRAILERS	1/12/2017 7:48 AM
146	utv outfitted to transport a patient or fire wildfires	1/12/2017 5:12 AM
147	chemical truck, 3,000 PPK	1/12/2017 3:03 AM
148	UTV	1/12/2017 1:45 AM
149	grass rig	1/12/2017 1:02 AM
150	utv	1/11/2017 11:40 PM
151	Rescue support squad	1/11/2017 11:19 PM
152	I	1/11/2017 11:02 PM
153	Staff pick-up	1/11/2017 10:54 PM
154	Personnel transporter	1/11/2017 10:43 PM
155	Hazmat	1/11/2017 10:29 PM
156	Air unit with compressor and cascade system	1/11/2017 10:12 PM
157	I	1/11/2017 8:15 PM
158	Mobile breathing air compressor truck	1/11/2017 6:24 PM
159	Foam truck	1/11/2017 6:21 PM
160	Brush truck	1/11/2017 4:58 PM
161	6 wheelers	1/11/2017 3:47 PM
162	Command rig/Chief's buggy	1/11/2017 2:35 PM
163	Suv	1/11/2017 2:27 PM
164	CAFS	1/11/2017 1:19 PM
165	Hose tender, Fire boat	1/11/2017 12:11 PM
166	UTV	1/11/2017 12:01 PM
167	Firefighter boat	1/11/2017 11:17 AM
168	UTV	1/11/2017 10:55 AM
169	Boat	1/11/2017 10:11 AM
170	UTV and boats	1/11/2017 10:09 AM
171	Haz-Mat	1/11/2017 2:34 AM
172	ATV	1/10/2017 10:21 PM
173	4x4 utility vehicle	1/10/2017 10:09 PM
174	tub	1/10/2017 9:33 PM
175	Staff vehicles	1/10/2017 9:18 PM
176	Command car	1/10/2017 7:44 PM
177	rescue boat	1/10/2017 7:39 PM
178	Chiefs vehicle	1/10/2017 7:31 PM
179	UTV	1/10/2017 6:43 PM
180	Pick-up trucks, and SUVs	1/10/2017 6:08 PM
181	Chiefs car	1/10/2017 6:06 PM
182	3 TIRE BOATS	1/10/2017 4:37 PM
183	Support/Medical	1/10/2017 3:19 PM
184	none	1/10/2017 3:13 PM
185	Chief's Cars	1/10/2017 2:58 PM
186	Tender	1/10/2017 2:16 PM
187	Rescue boat	1/10/2017 1:48 PM
188	boat	1/10/2017 12:37 PM
189	Brush unit	1/10/2017 12:05 PM
190	Boat	1/10/2017 11:58 AM
191	AR-AFFF Foam Trailer	1/10/2017 11:48 AM
192	Officer duty vehicle	1/10/2017 11:27 AM
193	HaxMat	1/10/2017 11:27 AM
194	UTV	1/10/2017 11:19 AM
195	Hazmat Response	1/10/2017 11:13 AM

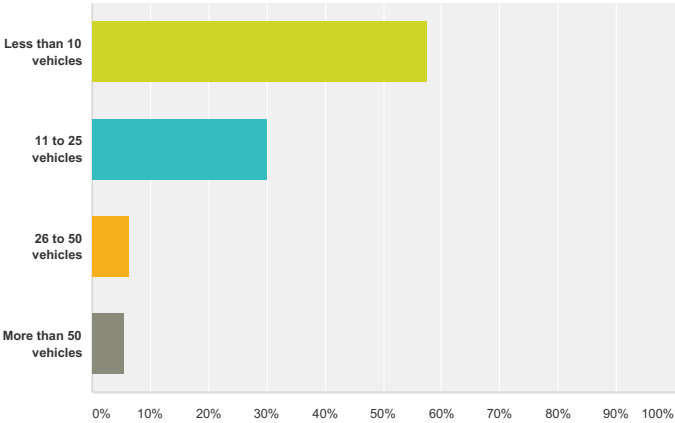
2017 FAMA Industry Outlook Survey

196	water rescue	1/10/2017 11:10 AM
197	Dozer with transport	1/10/2017 11:07 AM
198	squad	1/10/2017 11:01 AM
199	Gator	1/10/2017 9:51 AM
200	Off-road UTV	1/10/2017 9:49 AM
201	ATV, rescue boat	1/10/2017 9:40 AM
202	sales rep for all marked above	1/10/2017 9:40 AM
203	Forest Fire	1/10/2017 9:36 AM
204	Command vehicle (SUV)	1/10/2017 9:31 AM
205	hazmat, special water rope rescue, admin,	1/10/2017 9:14 AM
206	Draft Truck to fill tankers & pumpers	1/10/2017 9:14 AM
207	High Water Rescue Truck	1/10/2017 9:10 AM
208	Brush Truck, ATV	1/10/2017 9:05 AM
209	haz mat	1/10/2017 9:04 AM
210	Support units, haz mat	1/10/2017 9:03 AM
211	Hazmat	1/10/2017 8:57 AM
212	Modified rescue truck for Crime scene mapping	1/10/2017 8:19 AM
213	EMS and Haz Mat units	1/10/2017 1:37 AM
214	hooklift with pods	1/9/2017 8:55 PM
215	I work for an apparatus OEM	1/8/2017 9:56 PM
216	Squad	1/8/2017 2:38 PM
217	Air unit	1/8/2017 11:46 AM
218	ATV	1/8/2017 8:46 AM
219	light duty water rescue support unit	1/6/2017 9:40 PM
220	Staff Vehicles	1/4/2017 10:35 AM
221	snowmobile and rescue sled	12/30/2016 11:17 AM
222	Water Rescue	12/26/2016 12:13 PM
223	brush truck, tender	12/22/2016 11:39 AM
224	All Terrain Utility Vehicle, Swift Water Boat	12/22/2016 8:23 AM
225	CLASS A	12/21/2016 11:55 PM
226	Hazmat Apperatus	12/21/2016 7:21 PM
227	Fire boat and two ice punts	12/21/2016 5:56 PM
228	Officers Cars	12/21/2016 4:54 PM
229	UTV and ATV for rural rescue and wildland	12/21/2016 2:53 PM
230	Hazardous Material, Boats, Water Craft	12/21/2016 11:56 AM
231	Six wheel Polaris Ranger	12/20/2016 9:40 PM
232	UTV, Command SUV	12/20/2016 7:13 PM
233	Service truck	12/18/2016 3:06 PM

2017 FAMA Industry Outlook Survey

Q2 What is the size of your fleet?

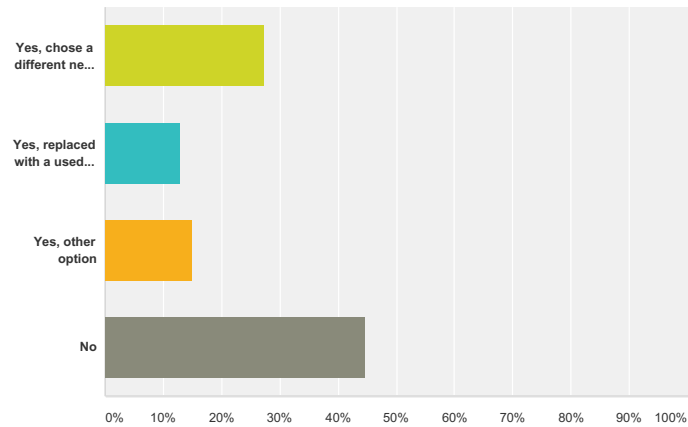
Answered: 1,642 Skipped: 0



Answer Choices	Responses	
Less than 10 vehicles	57.67%	947
11 to 25 vehicles	30.09%	494
26 to 50 vehicles	6.52%	107
More than 50 vehicles	5.72%	94
Total		1,642

Q3 Have you changed your apparatus specification/selection due to cost or budget restrictions?

Answered: 1,642 Skipped: 0

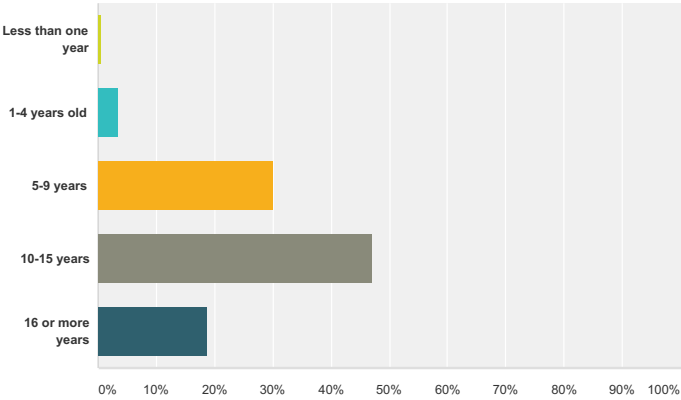


Answer Choices	Responses	
Yes, chose a different new apparatus	27.34%	449
Yes, replaced with a used vehicle	12.91%	212
Yes, other option	14.98%	246
No	44.76%	735
Total		1,642

2017 FAMA Industry Outlook Survey

Q4 What is the average age of your fleet?

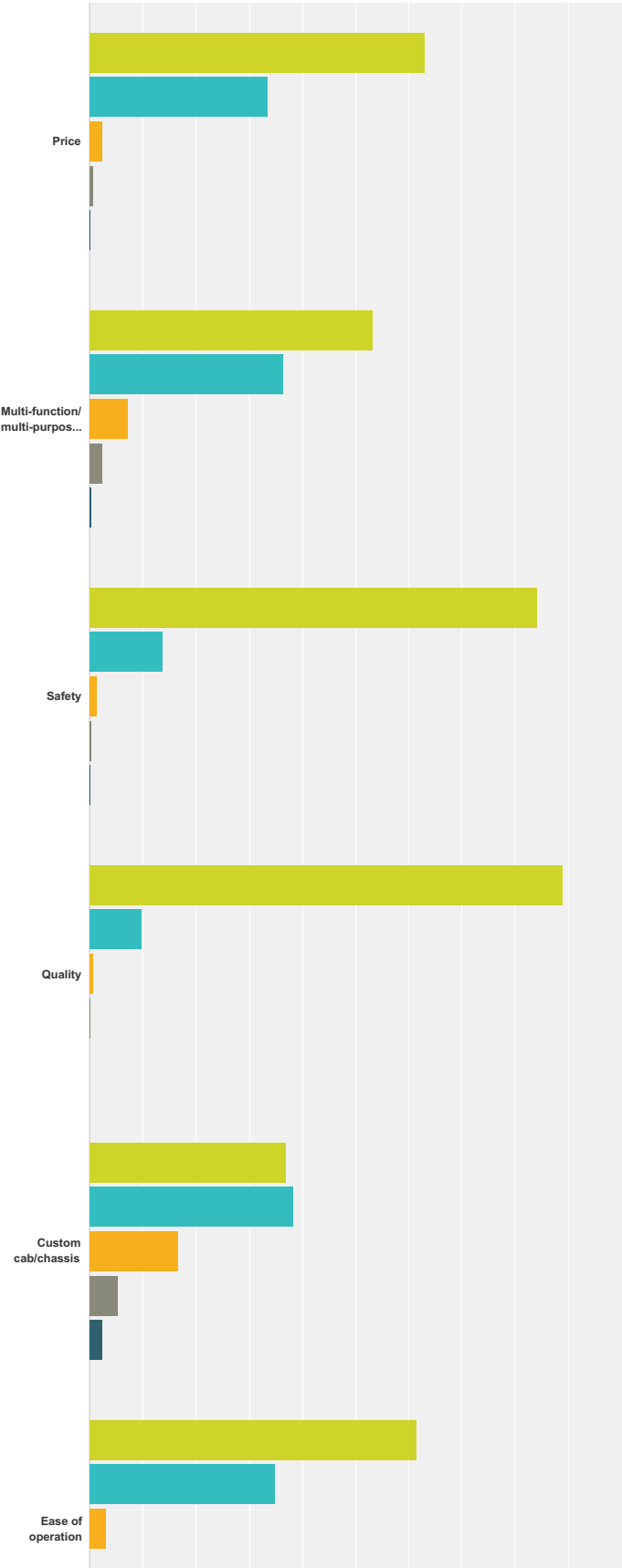
Answered: 1,642 Skipped: 0

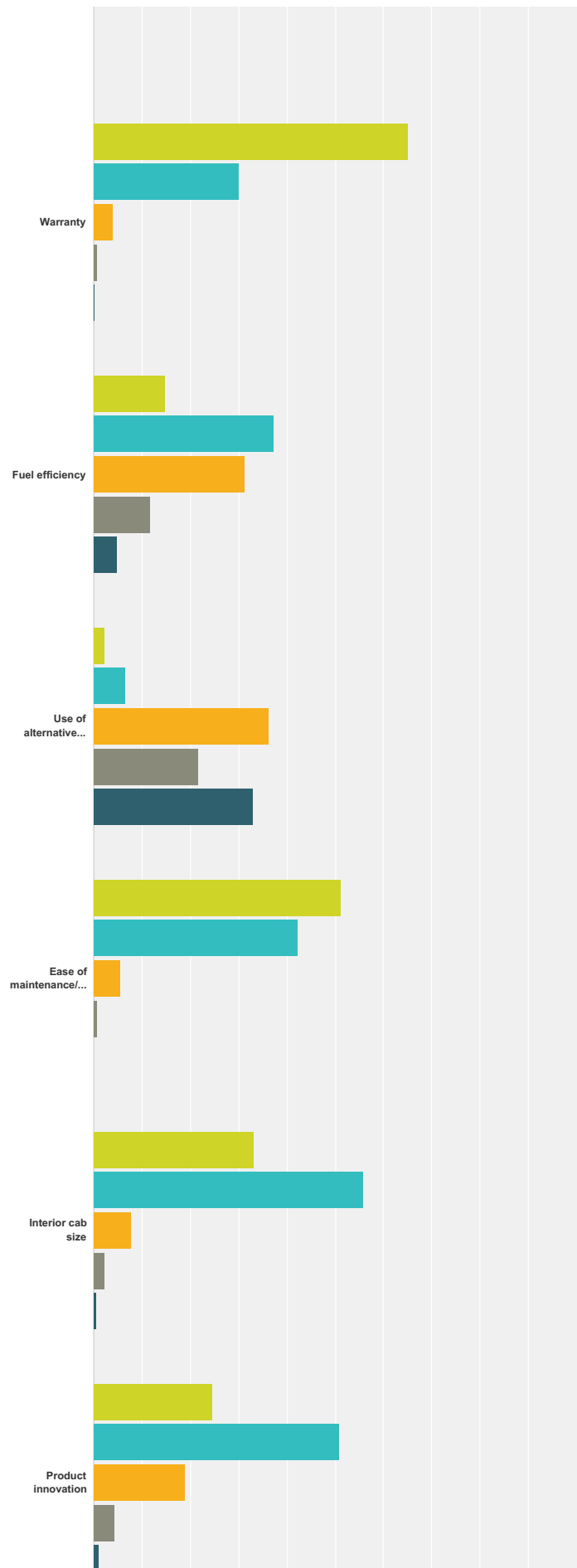


Answer Choices	Responses
Less than one year	0.55%9
1-4 years old	3.47%57
5-9 years	30.15%495
10-15 years	47.14%774
16 or more years	18.70%307
Total	1,642

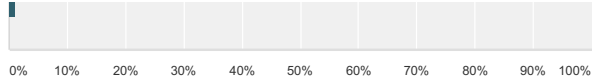
Q5 How important are the following product attributes in the purchase of new apparatus?

Answered: 1,493 Skipped: 149





2017 FAMA Industry Outlook Survey



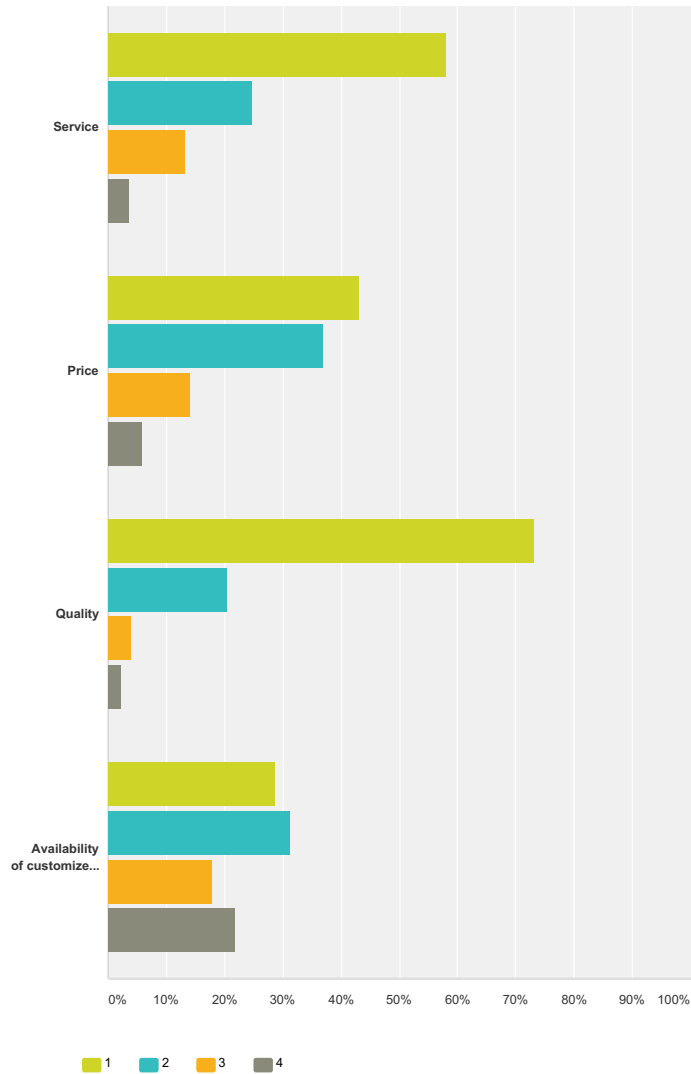
■ Very important
 ■ Somewhat important
 ■ Neither
 ■ Not very important
■ Not at all important

	Very important	Somewhat important	Neither	Not very important	Not at all important	Total
Price	63.09% 942	33.62% 502	2.41% 36	0.74% 11	0.13% 2	1,493
Multi-function/multi-purpose use	53.25% 795	36.57% 546	7.30% 109	2.41% 36	0.47% 7	1,493
Safety	84.19% 1,257	13.86% 207	1.41% 21	0.40% 6	0.13% 2	1,493
Quality	89.02% 1,329	9.91% 148	0.80% 12	0.20% 3	0.07% 1	1,493
Custom cab/chassis	36.97% 552	38.31% 572	16.74% 250	5.49% 82	2.48% 37	1,493
Ease of operation	61.69% 921	34.96% 522	3.22% 48	0.07% 1	0.07% 1	1,493
Warranty	65.04% 971	30.01% 448	4.02% 60	0.74% 11	0.20% 3	1,493
Fuel efficiency	14.74% 220	37.31% 557	31.35% 468	11.72% 175	4.89% 73	1,493
Use of alternative fuels (hybrid, natural gas)	2.28% 34	6.63% 99	36.37% 543	21.77% 325	32.95% 492	1,493
Ease of maintenance/replacing parts	51.11% 763	42.33% 632	5.56% 83	0.94% 14	0.07% 1	1,493
Interior cab size	33.29% 497	55.99% 836	7.77% 116	2.28% 34	0.67% 10	1,493
Product innovation	24.65% 368	50.90% 760	19.02% 284	4.35% 65	1.07% 16	1,493

2017 FAMA Industry Outlook Survey

Q6 When purchasing a new piece of equipment, please rank how the following aspects relate to your brand loyalty, using 1 as the most important and 4 as the least important.

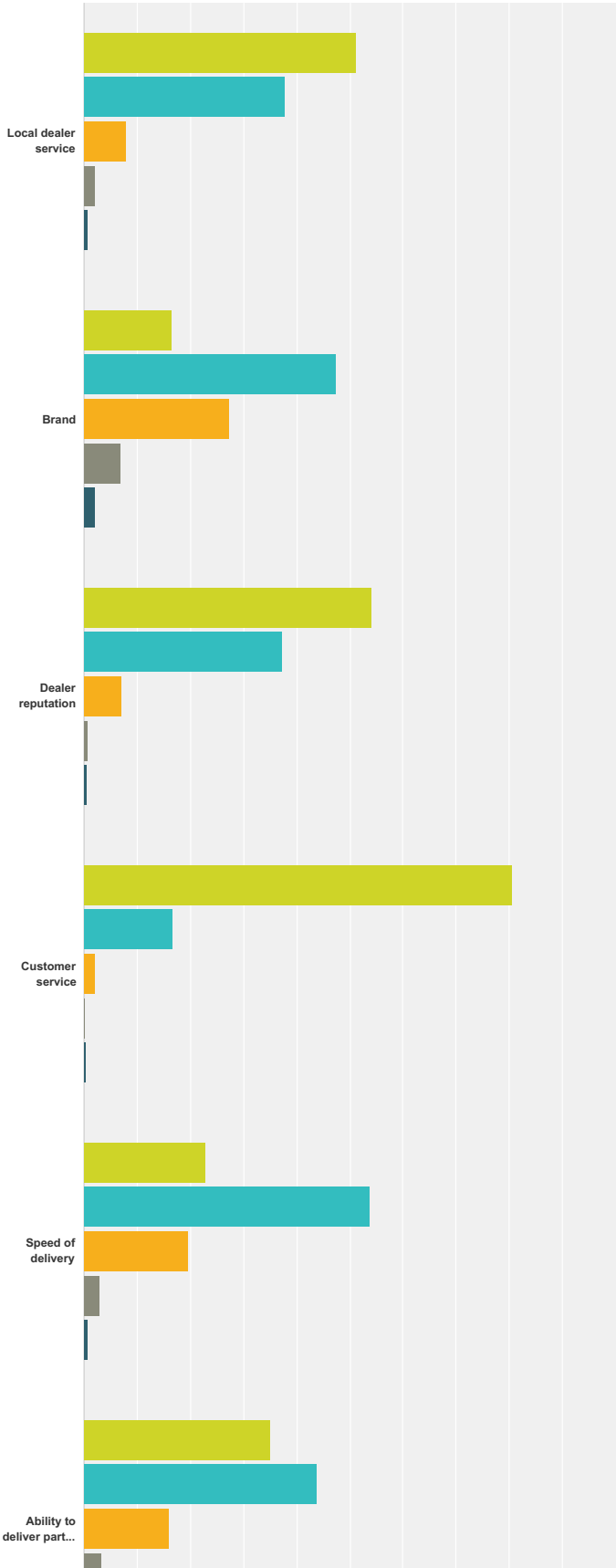
Answered: 1,493 Skipped: 149



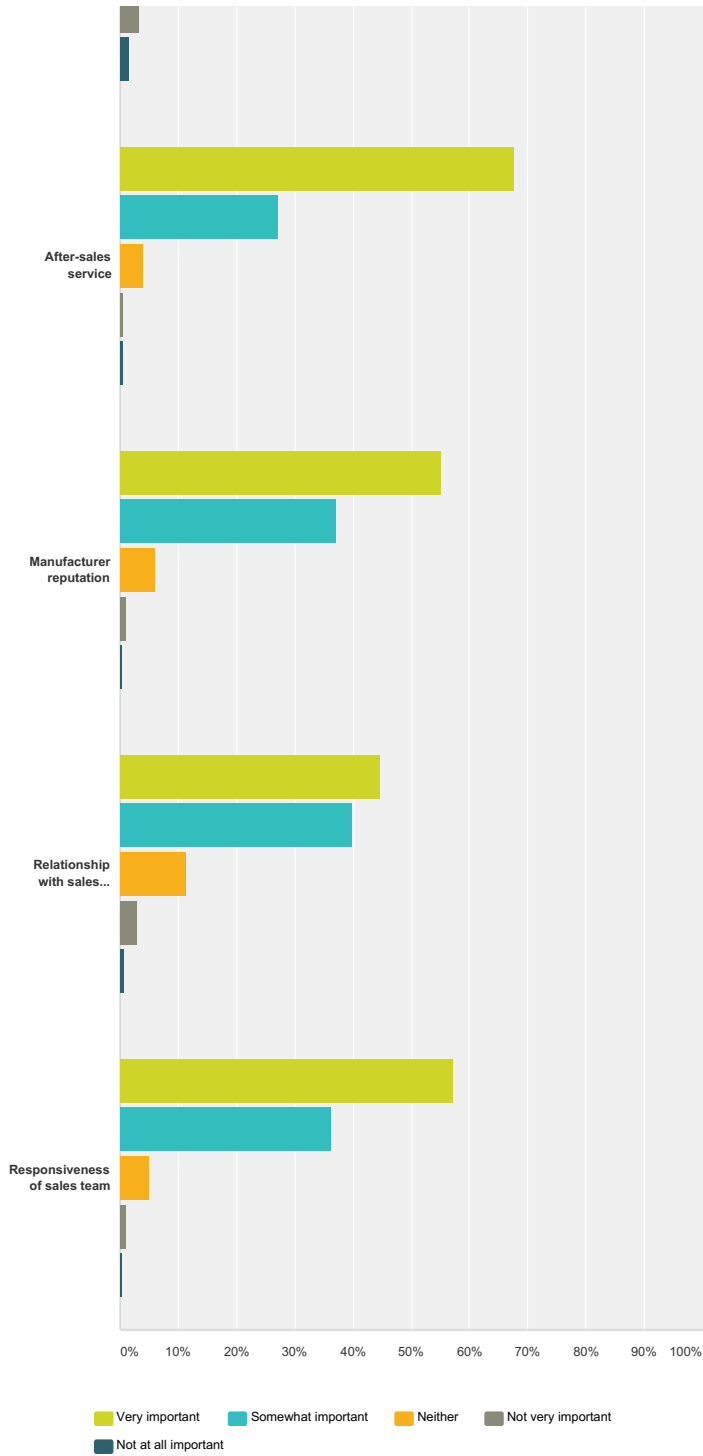
	1	2	3	4	Total
Service	58.14% 868	24.85% 371	13.26% 198	3.75% 56	1,493
Price	43.13% 644	36.91% 551	14.20% 212	5.76% 86	1,493
Quality	73.34% 1,095	20.43% 305	3.88% 58	2.34% 35	1,493
Availability of customized options	28.73% 429	31.28% 467	18.02% 269	21.97% 328	1,493

Q7 How important are the following service/manufacture attributes in the purchase of new apparatus?

Answered: 1,493 Skipped: 149



2017 FAMA Industry Outlook Survey



	Very important	Somewhat important	Neither	Not very important	Not at all important	Total
Local dealer service	51.24% 765	37.84% 565	7.97% 119	2.08% 31	0.87% 13	1,493
Brand	16.48% 246	47.29% 706	27.33% 408	6.90% 103	2.01% 30	1,493
Dealer reputation	54.05% 807	37.44% 559	7.17% 107	0.80% 12	0.54% 8	1,493
Customer service	80.64% 1,204	16.74% 250	2.08% 31	0.20% 3	0.33% 5	1,493
Speed of delivery	22.91% 342	53.78% 803	19.62% 293	2.88% 43	0.80% 12	1,493
Ability to deliver parts overnight	35.03% 523	43.94% 656	16.01% 239	3.35% 50	1.67% 25	1,493

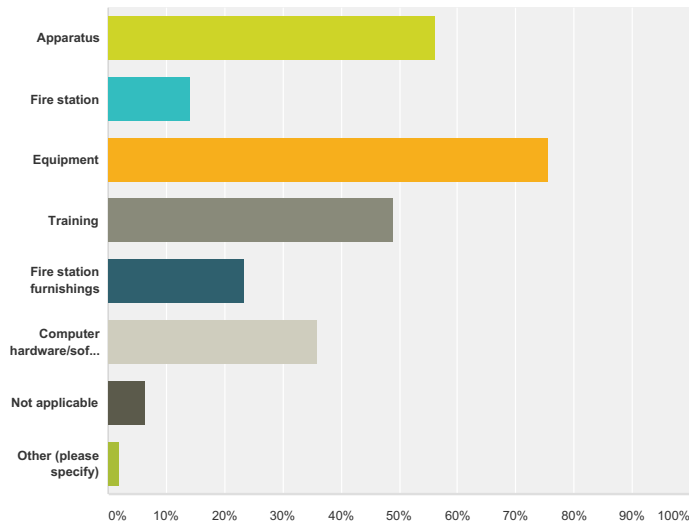
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After-sales service	67.72% 1,011	27.19% 406	3.88% 58	0.60% 9	0.60% 9	1,493
Manufacturer reputation	55.12% 823	37.24% 556	6.10% 91	1.07% 16	0.47% 7	1,493
Relationship with sales person	44.74% 668	39.79% 594	11.52% 172	3.01% 45	0.94% 14	1,493
Responsiveness of sales team	57.20% 854	36.24% 541	4.96% 74	1.14% 17	0.47% 7	1,493

2017 FAMA Industry Outlook Survey

Q8 What do you anticipate purchasing in the next fiscal year? (Select all that apply.)

Answered: 1,493 Skipped: 149



Answer Choices	Responses
Apparatus	56.26% 840
Fire station	14.13% 211
Equipment	75.62% 1,129
Training	49.03% 732
Fire station furnishings	23.38% 349
Computer hardware/software	35.90% 536
Not applicable	6.50% 97
Other (please specify)	1.94% 29
Total Respondents: 1,493	

#	Other (please specify)	Date
1	just purchased a KME predator engine	2/10/2017 12:21 PM
2	K	2/8/2017 2:32 PM
3	remodling of stations	2/8/2017 2:10 PM
4	Shift Commander Vehicle	2/8/2017 2:07 PM
5	You	2/6/2017 3:08 PM
6	water supply improvements	2/1/2017 9:38 PM
7	Boat	2/1/2017 11:09 AM
8	Personnel	1/28/2017 10:40 AM
9	SCBA new to replace older SCBA	1/28/2017 10:00 AM
10	rescue only water rescue not fire dept	1/28/2017 8:19 AM
11	Service truck	1/27/2017 10:36 PM
12	Yes	1/27/2017 6:11 PM
13	Pumper in 2018	1/25/2017 11:21 PM
14	Stairmaster	1/19/2017 6:05 PM
15	radio equipment	1/19/2017 8:49 AM
16	utility / staff vehicles	1/18/2017 5:11 PM
17	command buggies	1/17/2017 6:35 PM
18	PPE	1/17/2017 2:32 PM
19	Used brush truck or built in house	1/17/2017 1:34 PM
20	none	1/16/2017 8:11 PM
21	Major Fire Station Renovation	1/11/2017 4:05 PM
22	training props	1/11/2017 2:43 PM
23	Refurbish pumper	1/11/2017 2:23 PM
24	none	1/10/2017 10:11 PM
25	Station upgrade	1/10/2017 9:03 PM

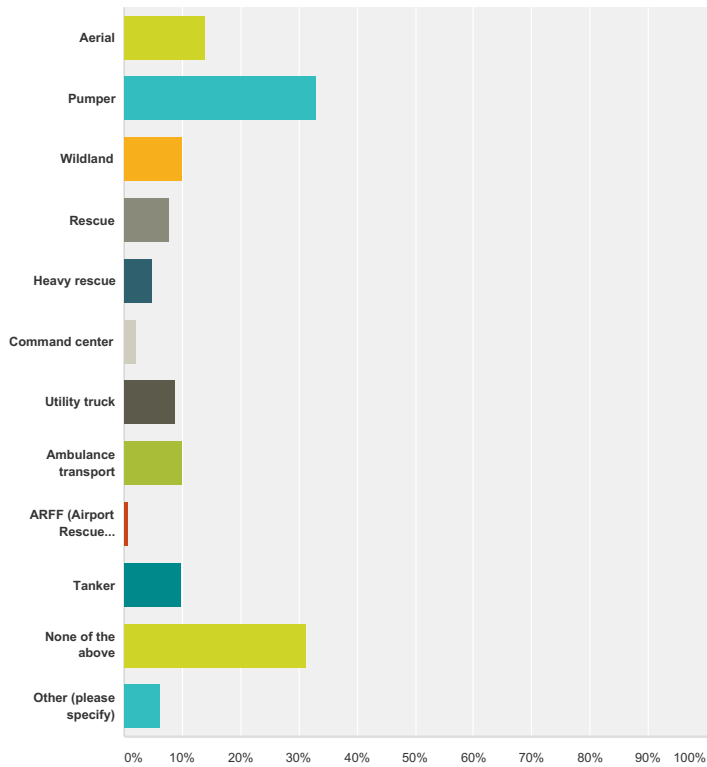
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26	No major purchase planned	1/10/2017 10:27 AM
27	sales rep for above marked	1/10/2017 9:42 AM
28	Radios	1/10/2017 9:14 AM
29	Unknown	12/21/2016 7:24 PM

2017 FAMA Industry Outlook Survey

Q9 Which of the following apparatus do you anticipate purchasing in the next fiscal year?

Answered: 1,493 Skipped: 149



Answer Choices	Responses
Aerial	14.07% 210
Pumper	32.95% 492
Wildland	9.98% 149
Rescue	7.64% 114
Heavy rescue	4.89% 73
Command center	2.14% 32
Utility truck	8.84% 132
Ambulance transport	10.11% 151
ARFF (Airport Rescue Firefighting)	0.80% 12
Tanker	9.91% 148
None of the above	31.35% 468
Other (please specify)	6.23% 93
Total Respondents: 1,493	

#	Other (please specify)	Date
1	Rescue/Pumper	2/27/2017 4:41 PM
2	Quint	2/24/2017 2:49 PM
3	Mini Pumper	2/23/2017 10:40 PM
4	pumper/rescue	2/23/2017 8:11 PM
5	Fast attack Vehicle	2/23/2017 12:32 PM
6	Not sure, based on run to fail and additional funding.	2/21/2017 9:18 AM
7	Fire/rescue boat	2/17/2017 9:34 PM
8	Pumper/Tanker	2/17/2017 12:35 PM
9	Quint	2/16/2017 2:10 PM
10	B/C command SUV	2/16/2017 1:28 PM

2017 FAMA Industry Outlook Survey

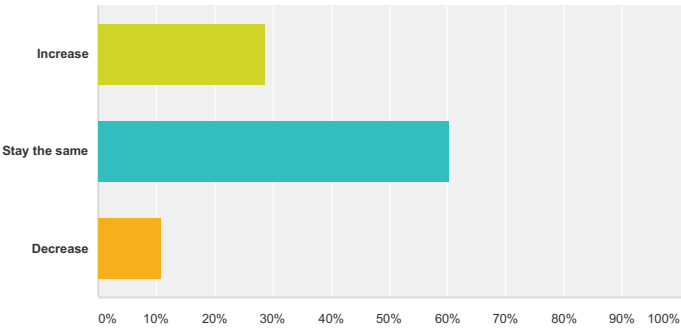
11	new body for recuetruck	2/16/2017 12:40 PM
12	Rescue Boat	2/14/2017 1:37 PM
13	Mini pumper/rescue	2/13/2017 2:39 PM
14	Rescue Pumper	2/9/2017 10:54 AM
15	Chiefs command truck	2/9/2017 9:49 AM
16	RESCUE PUMPER	2/9/2017 9:41 AM
17	pumper/tanker	2/8/2017 10:07 PM
18	combo brush squad	2/8/2017 4:04 PM
19	EMS Squad	2/8/2017 2:31 PM
20	Command Vehicles	2/8/2017 2:21 PM
21	Haz Mat Engine	2/8/2017 2:15 PM
22	Shift Commander Vehicle	2/8/2017 2:07 PM
23	Service	2/7/2017 7:15 AM
24	Pump tanker	2/4/2017 7:10 AM
25	Engine	2/3/2017 5:24 PM
26	Chiefs vehicle	2/2/2017 1:59 PM
27	not sure	2/1/2017 12:06 PM
28	Boat	2/1/2017 11:09 AM
29	Refurbishing two tankers	1/30/2017 12:40 PM
30	minie pumper	1/28/2017 11:54 AM
31	Plan to replace our rescue unit in the next few years	1/28/2017 9:56 AM
32	H	1/27/2017 7:38 PM
33	pumper/tanker	1/27/2017 6:55 PM
34	Refurb a pumper	1/27/2017 6:24 PM
35	Chief's vehicle	1/27/2017 6:19 PM
36	Haz mat, boats	1/27/2017 6:18 PM
37	not sure	1/27/2017 1:55 PM
38	used tanker	1/26/2017 7:29 PM
39	Pumper in 2018	1/25/2017 11:21 PM
40	Aerial in 5 years	1/25/2017 8:55 PM
41	Tanker pumper	1/25/2017 6:43 PM
42	urban interface pumper/type 3	1/25/2017 5:02 PM
43	Type 6 or Type 3	1/25/2017 12:02 AM
44	3 engines on order now	1/20/2017 6:02 PM
45	command vehicle	1/19/2017 1:51 PM
46	staff/duty vehicles	1/19/2017 8:49 AM
47	Chiefs truck	1/18/2017 8:26 PM
48	mini pumper	1/18/2017 7:27 PM
49	Engine	1/18/2017 7:00 PM
50	ATV	1/18/2017 6:15 PM
51	staff vehicles	1/18/2017 5:19 PM
52	staff vehicles	1/18/2017 5:11 PM
53	looking to secure funding	1/18/2017 5:09 PM
54	Used truck	1/17/2017 1:34 PM
55	Pumper/Rescue	1/17/2017 8:21 AM
56	Foam Units and Twin Agent Units	1/16/2017 11:45 PM
57	none	1/16/2017 8:11 PM
58	Referb a pumper	1/14/2017 1:38 PM
59	Chiefs	1/13/2017 5:57 AM
60	Mini pumper	1/12/2017 11:58 AM
61	Mini-pumper	1/12/2017 5:14 AM
62	pod system	1/12/2017 3:12 AM
63	Pumper/Tender	1/12/2017 1:48 AM
64	Mini pumper	1/12/2017 12:36 AM
65	Personnel Transporter	1/11/2017 10:46 PM
66	Versatile unit pumper/tanker/ rescue	1/11/2017 7:10 PM
67	Staff vehicle	1/11/2017 5:21 PM
68	Chief's buggy	1/11/2017 2:43 PM
69	Suv	1/11/2017 2:30 PM
70	Battalion Chief Vehicle	1/11/2017 2:02 PM
71	Command vehicle	1/11/2017 1:10 PM

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72	Rescue Pumper	1/10/2017 9:19 PM
73	Fast Attack multipurpose units	1/10/2017 3:11 PM
74	pumper/tanker	1/10/2017 12:22 PM
75	Command Truck	1/10/2017 12:00 PM
76	Chief and D/C vehicle	1/10/2017 10:56 AM
77	command vehicle	1/10/2017 10:45 AM
78	We are in need of a tanker but with low funds to buy.	1/10/2017 10:40 AM
79	mini pumper	1/10/2017 10:22 AM
80	Rescue Engine	1/10/2017 9:49 AM
81	hope to sale the above marked	1/10/2017 9:42 AM
82	Draft truck	1/10/2017 9:17 AM
83	Pumper\Tanker combo	1/10/2017 9:13 AM
84	Haz Mat Engine	1/10/2017 9:04 AM
85	I wish!	1/10/2017 9:00 AM
86	Pumper/rescue	1/10/2017 8:36 AM
87	Modified rescue for crime scene and mapping	1/10/2017 8:22 AM
88	hooklift and pods	1/9/2017 8:58 PM
89	Command/utility trailer	1/5/2017 7:59 PM
90	Additional staff vehicles	1/4/2017 10:37 AM
91	TANKER W/MIDSHIP	12/22/2016 12:01 AM
92	Wildland and Ambulance/ Rescue if funds are found (e.g. Grants/Donations)	12/21/2016 9:16 AM
93	Pumper/tanker combo	12/18/2016 3:11 PM

Q10 Exclusive of capital purchases such as apparatus, how do you expect your equipment budget to change over the next two years (2017 and 2018)?

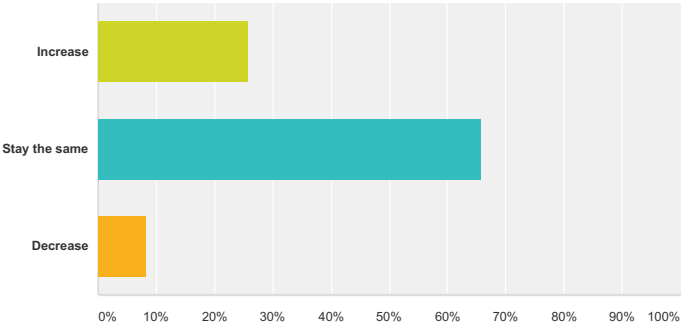
Answered: 1,406 Skipped: 236



Answer Choices	Responses	
Increase	28.88%	406
Stay the same	60.24%	847
Decrease	10.88%	153
Total		1,406

Q11 Over the next two years (2017 and 2018), how do you expect your staffing level to change?

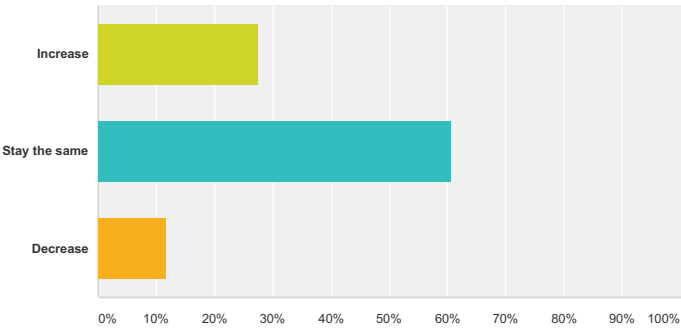
Answered: 1,406 Skipped: 236



Answer Choices	Responses	
Increase	25.89%	364
Stay the same	65.86%	926
Decrease	8.25%	116
Total		1,406

Q12 During the next two years (2017 and 2018), do you anticipate your apparatus budget will increase, stay the same, or decrease?

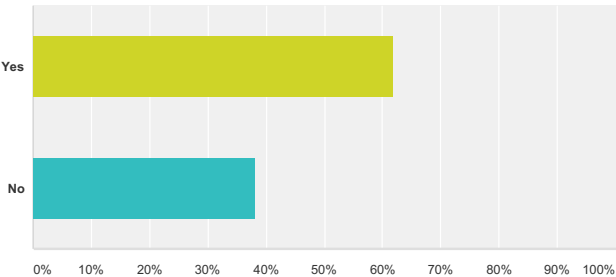
Answered: 1,406 Skipped: 236



Answer Choices	Responses	
Increase	27.45%	386
Stay the same	60.81%	855
Decrease	11.74%	165
Total		1,406

Q13 Does your fire department have an apparatus replacement plan or process?

Answered: 1,406 Skipped: 236



Answer Choices	Responses	
Yes	61.88%	870
No	38.12%	536
Total		1,406

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Q14 How does your department determine an apparatus is ready for replacement? (Please provide any details for all areas that apply)

Answered: 1,406 Skipped: 236

Answer Choices	Responses
Apparatus mileage	20.13% 283
Engine hours	15.43% 217
Years in service	74.89% 1,053
Cost of maintenance	36.13% 508
Other	23.61% 332

#	Apparatus mileage	Date
1	N/a	2/27/2017 11:49 AM
2	100.000	2/25/2017 4:30 PM
3	various	2/24/2017 8:50 AM
4	No	2/23/2017 8:51 PM
5	150,000	2/23/2017 7:03 PM
6	90000	2/23/2017 7:00 PM
7	IMPORTANT	2/23/2017 3:39 PM
8	10 years 100,000 miles	2/23/2017 3:22 PM
9	Na	2/23/2017 12:23 PM
10	awareness	2/21/2017 9:20 AM
11	important considerations	2/20/2017 12:44 PM
12	20	2/20/2017 7:31 AM
13	Not important	2/19/2017 9:56 PM
14	Yes	2/19/2017 5:58 PM
15	n/a	2/19/2017 2:25 PM
16	yes	2/19/2017 6:42 AM
17	Unknown	2/17/2017 9:35 PM
18	200K	2/17/2017 8:23 PM
19	Not a concern or factor	2/17/2017 12:36 PM
20	never a factor	2/17/2017 9:02 AM
21	100000	2/16/2017 1:56 PM
22	1345	2/16/2017 1:52 PM
23	Mileage is considered but not the final factor with Diesel fire apparatus that is maintained well.	2/16/2017 1:32 PM
24	n/a	2/16/2017 10:52 AM
25	NA	2/16/2017 10:27 AM
26	not an issue	2/16/2017 10:25 AM
27	100000	2/16/2017 9:33 AM
28	Parts availability.	2/16/2017 9:20 AM
29	Over 70k miles	2/16/2017 9:09 AM
30	depends if there are maintenace issue	2/16/2017 8:58 AM
31	N/A	2/16/2017 8:56 AM
32	Factor but not sole replacement indicator	2/14/2017 4:17 PM
33	Yes	2/10/2017 7:00 PM
34	yes	2/10/2017 12:23 PM
35	100000 miles	2/10/2017 12:58 AM
36	Meow Dan	2/9/2017 5:30 PM
37	Depends on wear	2/9/2017 4:08 PM
38	ambulances are judged for replacement by mileage	2/9/2017 2:52 PM
39	not important	2/9/2017 2:25 PM
40	50,000	2/9/2017 12:26 PM
41	100.000	2/9/2017 11:36 AM
42	N/A	2/9/2017 10:49 AM
43	all vehicles are reviewed annually	2/9/2017 9:58 AM
44	na	2/9/2017 9:55 AM
45	DOES NOT APPLY	2/9/2017 9:44 AM
46	75000 for utility, suburban	2/8/2017 11:53 PM

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47	open	2/8/2017 10:50 PM
48	N/A	2/8/2017 10:08 PM
49	100,000	2/8/2017 8:52 PM
50	over 150,000	2/8/2017 8:28 PM
51	Yes	2/8/2017 7:22 PM
52	no	2/8/2017 6:52 PM
53	N/A	2/8/2017 6:29 PM
54	Ambulances are Re-Chassised after 200,000 miles. Otherwise, None	2/8/2017 6:20 PM
55	N/a	2/8/2017 6:00 PM
56	not so much	2/8/2017 5:14 PM
57	No	2/8/2017 5:10 PM
58	150,000	2/8/2017 5:03 PM
59	50000	2/8/2017 4:57 PM
60	25000	2/8/2017 4:27 PM
61	n/a	2/8/2017 3:59 PM
62	if an apparatus is over 80,000 miles	2/8/2017 3:57 PM
63	N/a	2/8/2017 3:57 PM
64	Rural Dept. Not important.	2/8/2017 3:47 PM
65	N/A	2/8/2017 3:40 PM
66	N/A	2/8/2017 3:04 PM
67	Doesn't matter	2/8/2017 2:49 PM
68	Depends	2/8/2017 2:44 PM
69	For ambulances	2/8/2017 2:38 PM
70	Depending on maintenace	2/8/2017 2:34 PM
71	When it reaches a certain mileage	2/8/2017 2:30 PM
72	never an issue	2/8/2017 2:25 PM
73	50000	2/8/2017 2:22 PM
74	300000	2/8/2017 2:22 PM
75	No	2/8/2017 2:18 PM
76	100,000	2/8/2017 2:16 PM
77	?	2/8/2017 2:06 PM
78	1	2/8/2017 2:05 PM
79	none	2/8/2017 2:05 PM
80	100000	2/8/2017 2:04 PM
81	If mileage is excessive	2/7/2017 2:56 PM
82	4300	2/6/2017 5:49 PM
83	generally used for squads	2/6/2017 4:23 PM
84	N/A	2/6/2017 2:51 PM
85	Light Duty Staff/support vehicles >100k miles	2/5/2017 5:34 PM
86	50000	2/3/2017 5:53 PM
87	logged and looked into	2/3/2017 5:25 PM
88	100,000	2/3/2017 2:54 PM
89	Not that important as we're only 15 sq. Miles	2/3/2017 2:17 PM
90	yes	2/2/2017 4:46 PM
91	Unk	2/2/2017 3:15 PM
92	150000	2/2/2017 2:05 PM
93	45000	2/2/2017 1:39 PM
94	120,000	2/2/2017 1:23 PM
95	12000	2/2/2017 12:45 PM
96	not a factor	2/1/2017 10:55 PM
97	More tha65,000 miles	2/1/2017 8:00 PM
98	250,000 miles or service years	2/1/2017 7:51 PM
99	100,000	2/1/2017 7:30 PM
100	N/A	2/1/2017 4:58 PM
101	This is number 4	2/1/2017 3:39 PM
102	somewhat	2/1/2017 3:27 PM
103	lower use app. are kept longer years	2/1/2017 11:13 AM
104	Add all the information together and determine if replacement is appropriate	1/31/2017 3:22 PM
105	No	1/31/2017 11:42 AM
106	Does not matter	1/30/2017 6:34 PM
107	Yes	1/30/2017 3:15 PM

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108	Na	1/30/2017 1:52 PM
109	100,000 we look at what the condition and service records	1/30/2017 1:14 PM
110	n/a	1/30/2017 7:58 AM
111	Highest miles replaced first in each group due to age out	1/29/2017 8:27 PM
112	none	1/29/2017 12:00 PM
113	O	1/29/2017 8:09 AM
114	150,000 fire ambulances	1/28/2017 10:42 AM
115	our rigs are low mileage	1/28/2017 10:13 AM
116	All gas engines are managed by mileage	1/28/2017 9:10 AM
117	none	1/28/2017 7:54 AM
118	if excessive	1/28/2017 1:08 AM
119	Replaced at 200,000 miles	1/27/2017 11:15 PM
120	100000	1/27/2017 10:06 PM
121	na	1/27/2017 9:30 PM
122	2	1/27/2017 6:08 PM
123	NA	1/27/2017 6:05 PM
124	Doesn't matter	1/27/2017 5:29 PM
125	n/a	1/27/2017 2:13 PM
126	high	1/27/2017 1:41 PM
127	75,000	1/26/2017 3:38 PM
128	Semi important	1/26/2017 12:23 PM
129	Not so mucjyes	1/25/2017 10:06 PM
130	50000	1/25/2017 7:42 PM
131	120,000	1/25/2017 5:30 PM
132	33	1/25/2017 4:14 PM
133	NA	1/25/2017 1:17 PM
134	n/a	1/25/2017 12:04 AM
135	5000	1/23/2017 3:47 PM
136	this	1/20/2017 6:04 PM
137	n/a	1/20/2017 1:05 PM
138	no	1/19/2017 9:27 PM
139	N.A	1/19/2017 11:35 AM
140	No	1/19/2017 8:04 AM
141	N/a	1/19/2017 6:59 AM
142	doesnt matter	1/18/2017 11:41 PM
143	100,000	1/18/2017 9:18 PM
144	300,000	1/18/2017 7:54 PM
145	We don't put enough miles on an apparatus for mileage to matter.	1/18/2017 7:21 PM
146	Yes	1/18/2017 7:09 PM
147	no	1/18/2017 6:48 PM
148	No	1/18/2017 6:27 PM
149	Not important	1/18/2017 6:15 PM
150	N/A	1/18/2017 5:28 PM
151	no effect	1/18/2017 5:00 PM
152	N/A	1/18/2017 4:58 PM
153	NA	1/18/2017 4:57 PM
154	Vehicles generally have low mileage so not important	1/18/2017 4:56 PM
155	Yes	1/18/2017 4:52 PM
156	N/A	1/18/2017 4:51 PM
157	NA	1/18/2017 4:49 PM
158	Maximum 100,000 miles then out the door. Somewhere around 7 years the apparatus is placed in reserve.	1/18/2017 4:29 PM
159	Not important	1/18/2017 3:04 PM
160	200000	1/17/2017 6:59 PM
161	N/A	1/17/2017 2:36 PM
162	NA	1/17/2017 1:12 PM
163	Not a major factor	1/17/2017 8:24 AM
164	100000	1/17/2017 8:15 AM
165	100,000	1/17/2017 12:01 AM
166	100,000	1/16/2017 8:36 PM
167	100k+	1/14/2017 10:36 AM
168	Ambulance-over 100,000 miles	1/14/2017 8:45 AM

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169	no	1/13/2017 9:06 PM
170	Important	1/13/2017 4:13 PM
171	somewhat important, but not a deal breaker	1/13/2017 10:40 AM
172	Combination of milage and years of service	1/13/2017 10:08 AM
173	Our truck have a low year mileage.	1/12/2017 10:56 AM
174	100000	1/12/2017 9:14 AM
175	100,000	1/12/2017 7:36 AM
176	55	1/12/2017 6:30 AM
177	100,000 miles	1/12/2017 12:50 AM
178	1	1/12/2017 12:39 AM
179	200,000	1/12/2017 12:38 AM
180	no	1/11/2017 11:42 PM
181	100,000	1/11/2017 10:33 PM
182	Replaced at less than 125,000	1/11/2017 10:17 PM
183	Not an issue; all apparatus are low mileage	1/11/2017 9:42 PM
184	32,000	1/11/2017 9:33 PM
185	50000	1/11/2017 9:22 PM
186	no	1/11/2017 8:59 PM
187	n/a	1/11/2017 8:03 PM
188	No regard	1/11/2017 8:01 PM
189	None	1/11/2017 7:11 PM
190	Depends on vehicle ems transport try to replace before 100000	1/11/2017 5:47 PM
191	NA	1/11/2017 5:38 PM
192	n/a	1/11/2017 5:36 PM
193	They don't care	1/11/2017 5:33 PM
194	100,000	1/11/2017 5:21 PM
195	N/a	1/11/2017 4:30 PM
196	Generally not a major factor	1/11/2017 4:11 PM
197	seldom get alot of mileage on trucks	1/11/2017 3:42 PM
198	Put more value on diesel hours than miles.	1/11/2017 2:07 PM
199	Yes	1/11/2017 2:05 PM
200	NA	1/11/2017 2:04 PM
201	No	1/11/2017 1:38 PM
202	Mileage and age	1/11/2017 1:05 PM
203	not used frequently	1/11/2017 12:39 PM
204	34,354	1/11/2017 12:13 PM
205	N/A	1/11/2017 11:49 AM
206	Yes	1/11/2017 11:35 AM
207	200000	1/11/2017 10:48 AM
208	100,000	1/11/2017 10:22 AM
209	NA	1/11/2017 10:17 AM
210	100,000	1/11/2017 9:00 AM
211	100,000	1/11/2017 2:38 AM
212	75000	1/10/2017 11:03 PM
213	100,000	1/10/2017 7:56 PM
214	Na	1/10/2017 7:52 PM
215	A minor factor	1/10/2017 7:48 PM
216	Yes	1/10/2017 7:45 PM
217	our vehicle hardly have any mileage	1/10/2017 6:47 PM
218	Mileage is checked, but years of service is a primary consideration.	1/10/2017 6:13 PM
219	5	1/10/2017 5:26 PM
220	100,000	1/10/2017 3:10 PM
221	no	1/10/2017 2:15 PM
222	Not an issue	1/10/2017 2:12 PM
223	mileage is only an issue for command vehicles and ambulances	1/10/2017 1:52 PM
224	100000	1/10/2017 1:32 PM
225	No important	1/10/2017 1:18 PM
226	N/A	1/10/2017 12:21 PM
227	Yes	1/10/2017 12:09 PM
228	Tracked by fleet division	1/10/2017 11:52 AM
229	N/A	1/10/2017 11:51 AM

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230	200000	1/10/2017 11:50 AM
231	100,000	1/10/2017 11:42 AM
232	N/A	1/10/2017 11:29 AM
233	N/A	1/10/2017 11:24 AM
234	75000 on smaller vehicles	1/10/2017 11:11 AM
235	Becoming less relavant on the Utility/Prevention vehicles we use due to increased reliability of vehicles.	1/10/2017 11:11 AM
236	N/A	1/10/2017 11:10 AM
237	na	1/10/2017 11:08 AM
238	100,000	1/10/2017 10:52 AM
239	basic review	1/10/2017 10:47 AM
240	N/A	1/10/2017 10:36 AM
241	100,000	1/10/2017 10:35 AM
242	Na	1/10/2017 10:31 AM
243	does not have any effect	1/10/2017 10:13 AM
244	Yes	1/10/2017 10:01 AM
245	n/a	1/10/2017 10:00 AM
246	No	1/10/2017 9:59 AM
247	Not a factor	1/10/2017 9:54 AM
248	100000	1/10/2017 9:45 AM
249	n/a	1/10/2017 9:42 AM
250	rely on engine hours	1/10/2017 9:39 AM
251	low mileage, but low use, too	1/10/2017 9:36 AM
252	N/A	1/10/2017 9:30 AM
253	10432	1/10/2017 9:28 AM
254	N/A	1/10/2017 9:16 AM
255	no more than 250,000 mi	1/10/2017 9:15 AM
256	100,000 miles for pickups	1/10/2017 9:12 AM
257	Mileage on lease vehicles	1/10/2017 9:11 AM
258	Small Department, so Limited Miles	1/10/2017 9:09 AM
259	80,000 to 100,000 miles	1/10/2017 9:05 AM
260	33	1/10/2017 9:03 AM
261	no	1/10/2017 6:59 AM
262	not a big issue, small county, short runs	1/9/2017 9:03 PM
263	Small part	1/9/2017 7:29 PM
264	12000	1/9/2017 4:15 PM
265	No	1/8/2017 10:56 AM
266	250,000	1/8/2017 10:47 AM
267	not a factor	1/6/2017 9:43 PM
268	100,000 miles	1/6/2017 1:27 PM
269	N/A	1/5/2017 8:01 PM
270	Monthly	1/5/2017 3:18 PM
271	Monitored for maintenance costs/service dates	1/4/2017 4:37 PM
272	yes in heavier use locations	1/4/2017 10:39 AM
273	don't no	12/23/2016 5:56 AM
274	Combination of 150,000 miles and Maintenance	12/22/2016 8:27 AM
275	Mileage isn't used	12/22/2016 6:54 AM
276	X	12/21/2016 11:07 PM
277	112,000	12/21/2016 10:00 PM
278	YES	12/21/2016 7:11 PM
279	50000	12/21/2016 4:58 PM
280	No	12/21/2016 3:45 AM
281	For utility vehicles	12/20/2016 7:22 PM
282	N/A	12/20/2016 7:12 PM
283	0	12/20/2016 6:54 PM
#	Engine hours	Date
1	N/a	2/27/2017 11:49 AM
2	10,000	2/25/2017 4:30 PM
3	various	2/24/2017 8:50 AM
4	No	2/23/2017 8:51 PM
5	IMPORTANT	2/23/2017 3:39 PM
6	Na	2/23/2017 12:23 PM

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7	consideration	2/21/2017 9:20 AM
8	20	2/20/2017 7:31 AM
9	Not import	2/19/2017 9:56 PM
10	Yes	2/19/2017 5:58 PM
11	Yes	2/19/2017 2:25 PM
12	yes	2/19/2017 6:42 AM
13	Unknown	2/17/2017 9:35 PM
14	Not a concern or factor	2/17/2017 12:36 PM
15	never a factor	2/17/2017 9:02 AM
16	49	2/16/2017 1:52 PM
17	n/a	2/16/2017 10:52 AM
18	NA	2/16/2017 10:27 AM
19	not an issue	2/16/2017 10:25 AM
20	NA	2/16/2017 9:20 AM
21	see above	2/16/2017 8:58 AM
22	N/A	2/16/2017 8:56 AM
23	Factor but not sole replacement indicator	2/14/2017 4:17 PM
24	yes	2/10/2017 12:23 PM
25	1000	2/10/2017 12:58 AM
26	Depends on wear	2/9/2017 4:08 PM
27	not important	2/9/2017 2:25 PM
28	100,000	2/9/2017 12:26 PM
29	N/A	2/9/2017 10:49 AM
30	engines - pumpers - rescues	2/9/2017 9:58 AM
31	na	2/9/2017 9:55 AM
32	DOES NOT APPLY	2/9/2017 9:44 AM
33	open	2/8/2017 10:50 PM
34	N/A	2/8/2017 10:08 PM
35	Yes	2/8/2017 7:22 PM
36	no	2/8/2017 6:52 PM
37	High hours sometimes cause concern	2/8/2017 6:46 PM
38	N/A	2/8/2017 6:29 PM
39	N/A	2/8/2017 6:20 PM
40	N/a	2/8/2017 6:00 PM
41	try to place higher hours to a reserve piece if possible	2/8/2017 5:14 PM
42	No	2/8/2017 5:10 PM
43	30000	2/8/2017 4:57 PM
44	3000	2/8/2017 4:27 PM
45	n/a	2/8/2017 3:59 PM
46	Does not really effect the outcome	2/8/2017 3:57 PM
47	N/a	2/8/2017 3:57 PM
48	No concern.	2/8/2017 3:47 PM
49	N/A	2/8/2017 3:40 PM
50	N/A	2/8/2017 3:04 PM
51	Doesn't matter	2/8/2017 2:49 PM
52	could have some determination in replacement	2/8/2017 2:44 PM
53	Depending on maintenance	2/8/2017 2:34 PM
54	5000	2/8/2017 2:22 PM
55	Varies	2/8/2017 2:22 PM
56	No	2/8/2017 2:18 PM
57	8000+	2/8/2017 2:16 PM
58	?	2/8/2017 2:06 PM
59	1	2/8/2017 2:05 PM
60	N/A	2/7/2017 2:56 PM
61	65000	2/6/2017 5:49 PM
62	one consideration for engines	2/6/2017 4:23 PM
63	N/A	2/6/2017 2:51 PM
64	10000	2/3/2017 5:53 PM
65	unknown	2/3/2017 5:25 PM
66	10,000	2/3/2017 2:54 PM
67	Not normally a concern	2/3/2017 2:17 PM

2017 FAMA Industry Outlook Survey

68	2000	2/2/2017 1:23 PM
69	not a factor	2/1/2017 10:55 PM
70	n/a	2/1/2017 7:30 PM
71	N/A	2/1/2017 4:58 PM
72	This is number 3	2/1/2017 3:39 PM
73	somewhat	2/1/2017 3:27 PM
74	No	1/31/2017 11:42 AM
75	N/a	1/30/2017 6:34 PM
76	Na	1/30/2017 1:52 PM
77	n/a - is looked at but not a reason for replacement	1/30/2017 7:58 AM
78	N/A	1/29/2017 8:27 PM
79	none	1/29/2017 12:00 PM
80	O	1/29/2017 8:09 AM
81	All diesel engines are managed by engine hours	1/28/2017 9:10 AM
82	none	1/28/2017 7:54 AM
83	N/A	1/27/2017 11:15 PM
84	na	1/27/2017 9:30 PM
85	3	1/27/2017 6:08 PM
86	NA	1/27/2017 6:05 PM
87	Doesn't matter as long as they run well	1/27/2017 5:29 PM
88	yes	1/27/2017 2:13 PM
89	high	1/27/2017 1:41 PM
90	True judge of use	1/26/2017 12:23 PM
91	Not so much	1/25/2017 10:06 PM
92	N/A	1/25/2017 5:30 PM
93	more important than mileage- especially on pumpers	1/25/2017 5:19 PM
94	33	1/25/2017 4:14 PM
95	NA	1/25/2017 1:17 PM
96	n/a	1/25/2017 12:04 AM
97	300	1/23/2017 3:47 PM
98	n/a	1/20/2017 1:05 PM
99	no	1/19/2017 9:27 PM
100	once maximum engine hours as determined by EVT's are met.	1/19/2017 8:24 PM
101	More important than mileage	1/19/2017 3:43 PM
102	N.A	1/19/2017 11:35 AM
103	No	1/19/2017 8:04 AM
104	N/a	1/19/2017 6:59 AM
105	Importance cant be stressed	1/19/2017 5:46 AM
106	doesnt matter	1/18/2017 11:41 PM
107	As related to about 30 miles equivalent per hour	1/18/2017 8:26 PM
108	100,000	1/18/2017 7:54 PM
109	We don't put enough hours on an apparatus for hours to matter.	1/18/2017 7:21 PM
110	Yes	1/18/2017 7:09 PM
111	no	1/18/2017 6:48 PM
112	When converted to mileage, provides a realistic display of actual mileage/wear and tear	1/18/2017 6:41 PM
113	No	1/18/2017 6:27 PM
114	Not important	1/18/2017 6:15 PM
115	N/A	1/18/2017 5:28 PM
116	no effect	1/18/2017 5:00 PM
117	N/A	1/18/2017 4:58 PM
118	NA	1/18/2017 4:57 PM
119	Same as above	1/18/2017 4:56 PM
120	Yes	1/18/2017 4:52 PM
121	N/A	1/18/2017 4:51 PM
122	NA	1/18/2017 4:49 PM
123	Unknown.	1/18/2017 4:29 PM
124	Not important	1/18/2017 3:04 PM
125	N/a	1/17/2017 6:59 PM
126	N/A	1/17/2017 2:36 PM
127	NA	1/17/2017 1:12 PM
128	Not a major factor	1/17/2017 8:24 AM

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129	1000	1/17/2017 8:15 AM
130	8000+	1/14/2017 10:36 AM
131	--	1/14/2017 8:45 AM
132	no	1/13/2017 9:06 PM
133	Important	1/13/2017 4:13 PM
134	more important, but still not a deal breaker	1/13/2017 10:40 AM
135	This is included, but not so important.	1/12/2017 10:56 AM
136	5	1/12/2017 6:30 AM
137	1	1/12/2017 12:39 AM
138	no	1/11/2017 11:42 PM
139	3000	1/11/2017 10:33 PM
140	Again, all our rigs have low hours	1/11/2017 9:42 PM
141	485	1/11/2017 9:33 PM
142	5000	1/11/2017 9:22 PM
143	no	1/11/2017 8:59 PM
144	Yes	1/11/2017 8:03 PM
145	No regard	1/11/2017 8:01 PM
146	None	1/11/2017 7:11 PM
147	Not really	1/11/2017 5:47 PM
148	NA	1/11/2017 5:38 PM
149	n/a	1/11/2017 5:36 PM
150	They don't care	1/11/2017 5:33 PM
151	N/a	1/11/2017 4:30 PM
152	Generally not a major factor	1/11/2017 4:11 PM
153	no concern	1/11/2017 3:42 PM
154	Monitor with years of service and cost of maintenance.	1/11/2017 2:07 PM
155	NA	1/11/2017 2:04 PM
156	No	1/11/2017 1:38 PM
157	some consideration	1/11/2017 12:39 PM
158	500	1/11/2017 12:13 PM
159	N/A	1/11/2017 11:49 AM
160	Yes	1/11/2017 11:35 AM
161	NA	1/11/2017 10:17 AM
162	0	1/10/2017 11:03 PM
163	4000	1/10/2017 7:56 PM
164	Na	1/10/2017 7:52 PM
165	Minor factor	1/10/2017 7:48 PM
166	Yes	1/10/2017 7:45 PM
167	Always checking, but support vehicles still have support units because mileage has not been met.	1/10/2017 6:13 PM
168	6	1/10/2017 5:26 PM
169	no	1/10/2017 2:15 PM
170	Not an issue	1/10/2017 2:12 PM
171	Yes	1/10/2017 1:19 PM
172	For service only	1/10/2017 1:18 PM
173	N/A	1/10/2017 12:21 PM
174	Tracked by fleet division	1/10/2017 11:52 AM
175	N/A	1/10/2017 11:51 AM
176	N/A	1/10/2017 11:29 AM
177	N/A	1/10/2017 11:24 AM
178	N/A	1/10/2017 11:10 AM
179	na	1/10/2017 11:08 AM
180	basic review	1/10/2017 10:47 AM
181	N/A	1/10/2017 10:36 AM
182	Na	1/10/2017 10:31 AM
183	does not have any effect	1/10/2017 10:13 AM
184	NA	1/10/2017 10:01 AM
185	n/a	1/10/2017 10:00 AM
186	More critical than mileage	1/10/2017 10:00 AM
187	No	1/10/2017 9:59 AM
188	Not a factor	1/10/2017 9:54 AM
189	n/a	1/10/2017 9:42 AM

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190	8000 range	1/10/2017 9:39 AM
191	100000	1/10/2017 9:37 AM
192	N/A	1/10/2017 9:30 AM
193	45	1/10/2017 9:28 AM
194	N/A	1/10/2017 9:16 AM
195	Small Department, so Limited Hours	1/10/2017 9:09 AM
196	No set level but this is more imporant that mileage	1/10/2017 9:05 AM
197	7,000 to 8,000 hours	1/10/2017 9:05 AM
198	33	1/10/2017 9:03 AM
199	no	1/10/2017 6:59 AM
200	lots of runs, high number or hours at idle	1/9/2017 9:03 PM
201	Small part	1/9/2017 7:29 PM
202	No	1/8/2017 10:56 AM
203	2500	1/8/2017 10:47 AM
204	not a factor	1/6/2017 9:43 PM
205	N/A	1/5/2017 8:01 PM
206	Monthly BIGGEST FACTOR for replacement	1/5/2017 3:18 PM
207	Monitored for maintenance costs/service dates	1/4/2017 4:37 PM
208	no	1/4/2017 10:39 AM
209	8000	12/23/2016 8:15 AM
210	don't no	12/23/2016 5:56 AM
211	Hours used compared to what the army regulation says	12/22/2016 6:54 AM
212	20,000	12/21/2016 10:00 PM
213	NO	12/21/2016 7:11 PM
214	2500	12/21/2016 4:58 PM
215	No	12/21/2016 3:45 AM
216	N/A	12/20/2016 7:12 PM
217	0	12/20/2016 6:54 PM
#	Years in service	Date
1	15 years and over needs to be looked at to be replaced.	2/27/2017 4:43 PM
2	20	2/27/2017 11:49 AM
3	Engines 20 years, aerials 30 years, Ambulances 6 years	2/27/2017 11:28 AM
4	age	2/25/2017 7:11 PM
5	20	2/25/2017 4:30 PM
6	20 yrs	2/24/2017 3:08 PM
7	18	2/24/2017 2:50 PM
8	10 years	2/24/2017 11:44 AM
9	20	2/24/2017 9:50 AM
10	various	2/24/2017 8:50 AM
11	We try to replace every twenty years	2/24/2017 8:28 AM
12	15 year replacement plan	2/24/2017 8:00 AM
13	18 to 20 years old	2/24/2017 7:20 AM
14	20 years	2/24/2017 5:24 AM
15	15	2/23/2017 11:20 PM
16	20 years of service for heavy apparatus, 15 for light	2/23/2017 10:20 PM
17	40 years	2/23/2017 9:20 PM
18	20	2/23/2017 9:10 PM
19	Yes	2/23/2017 8:51 PM
20	25 years	2/23/2017 8:48 PM
21	We usually target oldest vehicles in fleet for replacement. Hopefully before they reach 25 years in service.	2/23/2017 8:33 PM
22	out of nfpa compliance	2/23/2017 8:12 PM
23	30 years	2/23/2017 8:03 PM
24	Average 10 yrs Apparatus Replacement	2/23/2017 7:49 PM
25	20+	2/23/2017 7:34 PM
26	10 years front line 5 - 10 reserve	2/23/2017 7:20 PM
27	15	2/23/2017 6:58 PM
28	Replace ambulance every 10 years	2/23/2017 6:53 PM
29	15 year	2/23/2017 6:37 PM
30	20-25	2/23/2017 6:19 PM
31	15 years	2/23/2017 6:15 PM
32	20	2/23/2017 5:44 PM

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33	20 yrs	2/23/2017 4:42 PM
34	10-12	2/23/2017 3:39 PM
35	10 years/100,000 miles	2/23/2017 3:22 PM
36	range 1982---2016	2/23/2017 3:07 PM
37	10 Years	2/23/2017 2:33 PM
38	20	2/23/2017 2:23 PM
39	20 years	2/23/2017 2:13 PM
40	16 yrs (9 yrs frontline and 7 yrs. reserve)	2/23/2017 1:27 PM
41	10	2/23/2017 1:22 PM
42	After 10 years looking at cost of maintenance	2/23/2017 1:13 PM
43	20	2/23/2017 12:49 PM
44	20 year service life	2/23/2017 12:37 PM
45	Ambulance 5, Engine 15, Wildland 20, Chief SUV 20,	2/23/2017 12:34 PM
46	20	2/23/2017 12:33 PM
47	No specific plan	2/23/2017 12:23 PM
48	NFPA guidelines	2/23/2017 12:22 PM
49	external requirements	2/21/2017 9:20 AM
50	We conduct an informal analysis of expected service life.	2/20/2017 1:35 PM
51	7-10 Years currently front line	2/20/2017 12:44 PM
52	10	2/20/2017 9:40 AM
53	20	2/20/2017 7:31 AM
54	Most important	2/19/2017 9:56 PM
55	Yes	2/19/2017 5:58 PM
56	20+	2/19/2017 2:25 PM
57	Years of service count for grants.	2/19/2017 9:43 AM
58	yes	2/19/2017 6:42 AM
59	Ten Years	2/18/2017 8:16 PM
60	20 to 25 depending on usage	2/18/2017 1:45 PM
61	Use 25 years as basis to start replacing	2/18/2017 12:47 PM
62	Unknown	2/17/2017 9:35 PM
63	20	2/17/2017 8:23 PM
64	12	2/17/2017 1:31 PM
65	20 - 25 years	2/17/2017 12:36 PM
66	second, rigs replaced by years of service, 18 pumpers, 20 aerial, 7 ambulances, 18 rescue, 10 utility / grass truck, 25 tanker	2/17/2017 9:02 AM
67	We try to replace every 20 years and or sooner	2/17/2017 8:05 AM
68	10 to 20	2/17/2017 6:51 AM
69	over 5 years	2/17/2017 3:40 AM
70	Replacement plan based on yrs. of service	2/16/2017 10:27 PM
71	Standards on age of apparatus	2/16/2017 6:32 PM
72	10	2/16/2017 5:56 PM
73	10	2/16/2017 5:00 PM
74	#1	2/16/2017 4:46 PM
75	25	2/16/2017 3:00 PM
76	15	2/16/2017 2:12 PM
77	20	2/16/2017 1:56 PM
78	Years in service	2/16/2017 1:56 PM
79	12	2/16/2017 1:52 PM
80	replace with updated equipment	2/16/2017 1:46 PM
81	12 to 15 years for frontline, 10 years reserve	2/16/2017 1:32 PM
82	Replace when we have to.	2/16/2017 1:27 PM
83	10	2/16/2017 1:13 PM
84	20	2/16/2017 1:00 PM
85	every 20 years	2/16/2017 12:41 PM
86	20 year replacement plan	2/16/2017 12:16 PM
87	Replacement dates 2035, 2040	2/16/2017 12:13 PM
88	this	2/16/2017 12:12 PM
89	How old the apparatus is	2/16/2017 11:55 AM
90	50	2/16/2017 11:52 AM
91	25	2/16/2017 10:52 AM
92	20 years	2/16/2017 10:48 AM

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93	Years of service	2/16/2017 10:40 AM
94	NA	2/16/2017 10:27 AM
95	20 to 30 years	2/16/2017 10:25 AM
96	15 years	2/16/2017 10:11 AM
97	10 year cycle	2/16/2017 10:07 AM
98	15 years or older	2/16/2017 9:43 AM
99	15-25	2/16/2017 9:39 AM
100	Supposed to become backup when they hit 100,000 miles	2/16/2017 9:38 AM
101	25 Year Rotation	2/16/2017 9:36 AM
102	20	2/16/2017 9:33 AM
103	10	2/16/2017 9:31 AM
104	20 years for most and 25 for aerial	2/16/2017 9:31 AM
105	10 years	2/16/2017 9:23 AM
106	we get 20 to 30 years out Engine, tankers , ladders	2/16/2017 9:22 AM
107	AGE OF APPARATUS	2/16/2017 9:17 AM
108	20 yrs	2/16/2017 9:13 AM
109	With a small dept, we tend to hang onto apparatus longer than most departments.	2/16/2017 9:10 AM
110	When apparatus hits the 20- 25 year mark.	2/16/2017 9:10 AM
111	Within NFPA	2/16/2017 9:09 AM
112	20 Year plan for engines 25 year plan for aerial device	2/16/2017 8:58 AM
113	type 1 engines we try to hit th 20 year mark	2/16/2017 8:58 AM
114	25 year	2/16/2017 8:56 AM
115	25	2/16/2017 8:54 AM
116	Years of Service are the most important to our departmetn because of our rural setting and amount of calls we run.	2/16/2017 8:50 AM
117	22	2/16/2017 8:50 AM
118	When it donts Certify pump test anymore	2/16/2017 8:48 AM
119	25	2/15/2017 5:37 PM
120	Yrs in service	2/15/2017 1:59 PM
121	Capital replacement plan-scheduled	2/15/2017 9:19 AM
122	20	2/14/2017 5:03 PM
123	7 years on ambulances; 15 years on engines 20 on ladders	2/14/2017 4:17 PM
124	General replacement plan timeline	2/14/2017 1:38 PM
125	This is the main reason	2/14/2017 12:53 PM
126	25	2/13/2017 2:39 PM
127	25	2/13/2017 6:46 AM
128	20 plus years	2/12/2017 10:10 PM
129	Reserve apparatus after 15 years	2/12/2017 4:12 PM
130	Not to exceed 15 years of service life	2/12/2017 3:55 PM
131	As parts become more difficult to find	2/11/2017 10:47 PM
132	6-8 years for medic units, 12-15 years for pumpers, 20 years for Aerials, staff vehicles vary.	2/11/2017 10:34 PM
133	20	2/11/2017 9:10 PM
134	Our trucks typically have a 30+ year life span	2/11/2017 8:48 AM
135	10	2/10/2017 11:49 PM
136	Yes	2/10/2017 7:00 PM
137	We have a truck that is over 40 years old that needs replaced.	2/10/2017 6:36 PM
138	15 years for engine - 20 years for aerial	2/10/2017 4:37 PM
139	25-30	2/10/2017 3:20 PM
140	1 to 18 years service	2/10/2017 2:39 PM
141	When major issues are found but fix is too expensive.	2/10/2017 1:56 PM
142	yes	2/10/2017 12:23 PM
143	small department low call volume	2/10/2017 8:35 AM
144	20	2/10/2017 7:51 AM
145	15	2/10/2017 12:58 AM
146	10 to 15 years	2/9/2017 11:07 PM
147	25 Year Rotation of All Apparatus	2/9/2017 8:46 PM
148	20+	2/9/2017 8:05 PM
149	Wear	2/9/2017 4:08 PM
150	We have a 15 year turnover policy	2/9/2017 3:25 PM
151	typically 10-15 years	2/9/2017 2:25 PM
152	20 years	2/9/2017 12:55 PM
153	7 yrs for squad, 15-20 years for engine	2/9/2017 12:40 PM

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154	20	2/9/2017 12:26 PM
155	10	2/9/2017 11:36 AM
156	yes	2/9/2017 10:49 AM
157	Used as a guideline	2/9/2017 10:48 AM
158	oldest apparatus usually top of replacement list	2/9/2017 10:23 AM
159	18yr life span	2/9/2017 10:19 AM
160	Older truck just got replaced.	2/9/2017 10:15 AM
161	command vehicles	2/9/2017 9:58 AM
162	25	2/9/2017 9:57 AM
163	na	2/9/2017 9:55 AM
164	5 TO 10	2/9/2017 9:44 AM
165	25 years - engine, 15 years Ladder	2/9/2017 9:22 AM
166	apparatus us usually replaced around 10 years of service	2/9/2017 9:16 AM
167	Try to work with the 10 year NFPA replacement program	2/9/2017 8:01 AM
168	15	2/9/2017 7:11 AM
169	staring to try to replaace after 5-10 years	2/9/2017 7:02 AM
170	20	2/9/2017 6:32 AM
171	Per nfpa standards	2/9/2017 3:05 AM
172	20 Yrs	2/8/2017 11:53 PM
173	Current engine-rescue is 17 years old.	2/8/2017 11:30 PM
174	open	2/8/2017 10:50 PM
175	And condition, younger members cant drive a manual transmissiom	2/8/2017 10:18 PM
176	highest	2/8/2017 10:08 PM
177	10 years front line then move to reserve and keep until replaced by another unit moved to reserve	2/8/2017 10:01 PM
178	15	2/8/2017 9:45 PM
179	30	2/8/2017 8:52 PM
180	NFPA guideline	2/8/2017 8:42 PM
181	20 years	2/8/2017 8:27 PM
182	30	2/8/2017 8:18 PM
183	years	2/8/2017 7:50 PM
184	about every 5 years	2/8/2017 7:47 PM
185	10-12	2/8/2017 7:35 PM
186	10 years refurbishment, 20 years replacement	2/8/2017 7:17 PM
187	years in service	2/8/2017 7:05 PM
188	aerials approaching 15 years, engines approaching 20 years	2/8/2017 6:52 PM
189	20 years	2/8/2017 6:47 PM
190	Trying to gradually upgrade	2/8/2017 6:46 PM
191	10 years on Engines	2/8/2017 6:40 PM
192	20	2/8/2017 6:32 PM
193	N/A	2/8/2017 6:29 PM
194	Front-Line Apparatus for 20 Years, Reserve/Remodel additional 5 years.	2/8/2017 6:20 PM
195	10	2/8/2017 6:17 PM
196	15	2/8/2017 6:12 PM
197	Oldest gets replaced	2/8/2017 6:00 PM
198	15-20	2/8/2017 5:57 PM
199	25	2/8/2017 5:40 PM
200	Primarily	2/8/2017 5:19 PM
201	When its worn out	2/8/2017 5:16 PM
202	We try to get 30 years on engines and tankers, 20 on the other vehicles.	2/8/2017 5:14 PM
203	can the apparatus be refurbished and placed as a reserve	2/8/2017 5:14 PM
204	20	2/8/2017 5:12 PM
205	When a Piece of apparatus is paid off We budget to replace the oldest piece.	2/8/2017 5:10 PM
206	15 years for Engines, 20 years for Tower Ladders	2/8/2017 5:08 PM
207	old then 10 years	2/8/2017 4:57 PM
208	age of chassis	2/8/2017 4:44 PM
209	15	2/8/2017 4:42 PM
210	5 to 10	2/8/2017 4:42 PM
211	25	2/8/2017 4:40 PM
212	20	2/8/2017 4:37 PM
213	15yrs	2/8/2017 4:28 PM
214	FAA mandated years of service guidelines	2/8/2017 4:06 PM

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215	20 to 25 years	2/8/2017 4:05 PM
216	20 years old	2/8/2017 4:03 PM
217	Over 20 years old	2/8/2017 3:59 PM
218	We take pride in keeping our apparatus like new and as long as they meet NFPA and OSHA we will keep them	2/8/2017 3:57 PM
219	Oldest first to be replaced.	2/8/2017 3:57 PM
220	Mainly years of service.	2/8/2017 3:49 PM
221	Minor concern for ALS units.	2/8/2017 3:47 PM
222	apparatus has an expected life of 15 years	2/8/2017 3:45 PM
223	20 years old	2/8/2017 3:40 PM
224	20 years	2/8/2017 3:35 PM
225	15 years	2/8/2017 3:29 PM
226	20 years	2/8/2017 3:24 PM
227	10 years	2/8/2017 3:19 PM
228	20 years for Engines	2/8/2017 3:12 PM
229	20	2/8/2017 3:09 PM
230	NFPA guidelines	2/8/2017 3:07 PM
231	N/A	2/8/2017 3:04 PM
232	Age	2/8/2017 3:02 PM
233	25	2/8/2017 3:00 PM
234	yes	2/8/2017 2:58 PM
235	Pumpers- 20 yrs.; Aerials-25-30 yrs must pass annual inspections; Tankers 30 yrs;	2/8/2017 2:57 PM
236	Apparatus must be safe, reliable, and serve our operational needs.	2/8/2017 2:55 PM
237	25 years	2/8/2017 2:50 PM
238	15 to 18 years	2/8/2017 2:50 PM
239	10, 15 20 year plan if not excessive milage or hours	2/8/2017 2:49 PM
240	Doesn't matter	2/8/2017 2:49 PM
241	could have some determination in replacement	2/8/2017 2:44 PM
242	10	2/8/2017 2:42 PM
243	Minimum yrs. of service	2/8/2017 2:39 PM
244	Pumper, Aerial	2/8/2017 2:38 PM
245	25	2/8/2017 2:38 PM
246	Dependingon NFPA	2/8/2017 2:34 PM
247	15 + years we start preparing for replacement	2/8/2017 2:32 PM
248	15	2/8/2017 2:31 PM
249	20 years	2/8/2017 2:30 PM
250	Yes	2/8/2017 2:29 PM
251	15 to 20 years	2/8/2017 2:29 PM
252	10 years	2/8/2017 2:28 PM
253	15	2/8/2017 2:25 PM
254	20 years pumpers & rescue / 7 years ambulance	2/8/2017 2:25 PM
255	yes	2/8/2017 2:23 PM
256	20	2/8/2017 2:22 PM
257	16	2/8/2017 2:22 PM
258	30	2/8/2017 2:21 PM
259	2 in decision making	2/8/2017 2:21 PM
260	25	2/8/2017 2:19 PM
261	Yes - 15-20	2/8/2017 2:18 PM
262	20-25	2/8/2017 2:16 PM
263	13-15	2/8/2017 2:16 PM
264	20 years on an engine, 15 years on a rescue, 7 years on staff vehicle	2/8/2017 2:16 PM
265	Mechanical condition	2/8/2017 2:11 PM
266	25	2/8/2017 2:11 PM
267	18	2/8/2017 2:08 PM
268	20 year minimum on heavy pieces, longer if an option	2/8/2017 2:06 PM
269	?	2/8/2017 2:06 PM
270	10 years front line for Engines and 5 years reserve, 15 years front line for Aerials and 5 years reserve	2/8/2017 2:06 PM
271	Age	2/8/2017 2:06 PM
272	1	2/8/2017 2:05 PM
273	10	2/8/2017 2:05 PM
274	20	2/8/2017 2:04 PM
275	How long unit has been in operation	2/8/2017 7:51 AM

2017 FAMA Industry Outlook Survey

276	Target the NFPA recommendations	2/7/2017 10:26 PM
277	15 for Engines, 20 for Heavy Rescue, 25 for Truck	2/7/2017 6:24 PM
278	Age is a concern	2/7/2017 2:56 PM
279	Between 15 & 20 years	2/7/2017 7:20 AM
280	35	2/6/2017 6:45 PM
281	12	2/6/2017 6:30 PM
282	NFPA recommendations	2/6/2017 5:53 PM
283	9	2/6/2017 5:49 PM
284	12	2/6/2017 5:04 PM
285	one consideration for engines	2/6/2017 4:23 PM
286	N/A	2/6/2017 2:51 PM
287	20	2/6/2017 2:49 PM
288	20 years of service	2/6/2017 12:55 PM
289	Condition of equipment factors in	2/6/2017 10:34 AM
290	10 years	2/6/2017 12:16 AM
291	Yes	2/5/2017 6:39 PM
292	Fire Apparatus 12-15 Years front line then 5-8 Years as Reserve Status. Light Duty Staff/support vehicles 10 Years and/or >100k miles	2/5/2017 5:34 PM
293	10 yrs for front line fire apparatus	2/4/2017 9:08 PM
294	Try to stay within NFPA recommendations.	2/4/2017 9:08 PM
295	10	2/4/2017 2:09 PM
296	10	2/4/2017 11:45 AM
297	15	2/4/2017 7:11 AM
298	25	2/3/2017 5:53 PM
299	logged and looked at	2/3/2017 5:25 PM
300	25	2/3/2017 2:54 PM
301	20	2/3/2017 2:30 PM
302	10	2/3/2017 2:22 PM
303	20 years we start looking seriously	2/3/2017 2:17 PM
304	Typically around 12 years.	2/3/2017 2:14 PM
305	20+	2/2/2017 5:12 PM
306	yes	2/2/2017 4:46 PM
307	Just replaced a 20 yr. old platform & a 15 yr. old heavy duty pumper	2/2/2017 4:14 PM
308	20-25 years of service rotation	2/2/2017 4:12 PM
309	15 to 20 years	2/2/2017 3:19 PM
310	20	2/2/2017 3:15 PM
311	25-30 years of operation and then change.	2/2/2017 2:36 PM
312	15-20	2/2/2017 2:31 PM
313	7	2/2/2017 2:11 PM
314	15	2/2/2017 2:05 PM
315	Amb 9yrs puppets 20 yrs	2/2/2017 2:01 PM
316	Replace as needed	2/2/2017 1:39 PM
317	10-15	2/2/2017 1:39 PM
318	How old the apparatus	2/2/2017 1:09 PM
319	2	2/2/2017 12:45 PM
320	20 years or older	2/2/2017 7:58 AM
321	20	2/2/2017 6:36 AM
322	will still use if apparatus is still in good shape	2/1/2017 10:55 PM
323	10-15	2/1/2017 10:51 PM
324	15 yrs give or take	2/1/2017 10:23 PM
325	age, age relative to changes in NFPA standards, advice from state fire marshal staff, internal needs assessment	2/1/2017 10:09 PM
326	Important	2/1/2017 9:10 PM
327	20	2/1/2017 9:09 PM
328	20 Years	2/1/2017 8:57 PM
329	20 years	2/1/2017 8:39 PM
330	20 years	2/1/2017 8:38 PM
331	15	2/1/2017 8:33 PM
332	30	2/1/2017 8:04 PM
333	18	2/1/2017 8:00 PM
334	14 years or mileage	2/1/2017 7:51 PM
335	20	2/1/2017 7:30 PM

2017 FAMA Industry Outlook Survey

336	my the years	2/1/2017 7:23 PM
337	Our Capital Plan is based upon replacement after 20 yrs	2/1/2017 4:58 PM
338	Get the most life out of them following NFPA guidelines	2/1/2017 4:01 PM
339	This is the first criteria	2/1/2017 3:39 PM
340	15 yrs	2/1/2017 3:27 PM
341	15	2/1/2017 3:23 PM
342	yes	2/1/2017 3:15 PM
343	25	2/1/2017 3:10 PM
344	15	2/1/2017 12:07 PM
345	based on age, use, condition	2/1/2017 11:13 AM
346	10	1/31/2017 9:55 PM
347	yes	1/31/2017 5:54 PM
348	20	1/31/2017 3:08 PM
349	20 yr fire apparatus; 8 ambulance	1/31/2017 2:41 PM
350	15 for Pumpers 20 for aerials	1/31/2017 2:05 PM
351	we try 10 years front line with 10 years as reserve, but recently vehicles have not been replaced until they reach 30 years.	1/31/2017 12:21 PM
352	No	1/31/2017 11:42 AM
353	fifteen to twenty years is our norm at this point	1/31/2017 10:09 AM
354	Availability of parts	1/31/2017 7:01 AM
355	10	1/30/2017 10:06 PM
356	20	1/30/2017 8:22 PM
357	20 year replacement plan	1/30/2017 6:34 PM
358	20	1/30/2017 4:24 PM
359	10 for engines 12 for ladder/aerials	1/30/2017 3:15 PM
360	Na	1/30/2017 1:52 PM
361	10 to 15 years in service combined with maintenance repairs	1/30/2017 1:14 PM
362	15 years front line 25 years reserve	1/30/2017 12:41 PM
363	yes	1/30/2017 10:17 AM
364	Years of service	1/30/2017 8:47 AM
365	8-10	1/30/2017 8:20 AM
366	is usually what is looked at for replacement	1/30/2017 7:58 AM
367	15-20	1/30/2017 7:13 AM
368	First indicator of replacement	1/29/2017 8:27 PM
369	15	1/29/2017 2:54 PM
370	30 years	1/29/2017 12:00 PM
371	20	1/29/2017 8:09 AM
372	25	1/28/2017 10:33 PM
373	Age and when money available	1/28/2017 9:20 PM
374	NFPA recommendations	1/28/2017 5:47 PM
375	10	1/28/2017 1:19 PM
376	20	1/28/2017 12:48 PM
377	as our apparatus ages our fir our fleet.st due become reserve and reserve are relieved of	1/28/2017 12:11 PM
378	x	1/28/2017 11:55 AM
379	10	1/28/2017 10:44 AM
380	10 yrs for pumpers, 15 yrs for aerials	1/28/2017 10:42 AM
381	15	1/28/2017 10:24 AM
382	based on our Rating Bureau policy	1/28/2017 10:13 AM
383	20 yrs	1/28/2017 10:02 AM
384	10 years	1/28/2017 9:58 AM
385	We try to comply with NFPA standards fro age replacement	1/28/2017 9:10 AM
386	Ambulance at 15 years or so, trucks at 25 to 30 years.	1/28/2017 9:00 AM
387	25	1/28/2017 8:47 AM
388	10 years	1/28/2017 8:29 AM
389	15 yrs	1/28/2017 8:24 AM
390	25 yrs	1/28/2017 8:13 AM
391	after 25 years	1/28/2017 7:54 AM
392	15	1/28/2017 7:37 AM
393	20	1/28/2017 7:23 AM
394	20-25 yrs	1/28/2017 7:06 AM
395	25	1/28/2017 5:49 AM

2017 FAMA Industry Outlook Survey

396	10 front line and 7 reserve	1/28/2017 1:08 AM
397	20 pumper and 30 aerial	1/28/2017 12:47 AM
398	20 yrs	1/28/2017 12:15 AM
399	N/A	1/27/2017 11:15 PM
400	oldest	1/27/2017 10:41 PM
401	15 years for pumper, 20 yrs aerial, 5 yrs ambulance	1/27/2017 10:36 PM
402	20	1/27/2017 10:31 PM
403	25	1/27/2017 10:27 PM
404	20Years	1/27/2017 10:26 PM
405	20	1/27/2017 10:06 PM
406	20 years fire apparatus 7-10 Ambulances	1/27/2017 9:45 PM
407	Age as it relates to maintenance and safety	1/27/2017 9:41 PM
408	20 year limit	1/27/2017 9:30 PM
409	10+	1/27/2017 9:00 PM
410	Approximately 23 year replacement	1/27/2017 8:58 PM
411	20	1/27/2017 8:14 PM
412	5 for first out, 12 for reserve	1/27/2017 8:00 PM
413	20plus	1/27/2017 7:51 PM
414	20-25 years	1/27/2017 7:40 PM
415	Rotation of years of service as per nfpa	1/27/2017 7:37 PM
416	10 years suppression vehicles, 7 year ambulance	1/27/2017 7:35 PM
417	15	1/27/2017 7:21 PM
418	25	1/27/2017 7:21 PM
419	25	1/27/2017 7:10 PM
420	20 years front line, 10 yrs in reserve	1/27/2017 7:09 PM
421	20 to 25	1/27/2017 7:01 PM
422	17	1/27/2017 6:51 PM
423	Number of front-line	1/27/2017 6:47 PM
424	This and the next one	1/27/2017 6:39 PM
425	25 years replacement	1/27/2017 6:37 PM
426	10 year life and then replace	1/27/2017 6:29 PM
427	Yes	1/27/2017 6:27 PM
428	20-25	1/27/2017 6:25 PM
429	We are looking to replace our tanker. It is a 1987 and is starting to cause us issued	1/27/2017 6:25 PM
430	25 year rotation	1/27/2017 6:24 PM
431	20	1/27/2017 6:19 PM
432	10 front line	1/27/2017 6:18 PM
433	20years	1/27/2017 6:14 PM
434	25+	1/27/2017 6:13 PM
435	20-30	1/27/2017 6:08 PM
436	2017	1/27/2017 6:08 PM
437	10	1/27/2017 6:07 PM
438	10-12 years for engines, 5 for ambulances, 15 for ladders	1/27/2017 6:05 PM
439	We try to keep trucks in the fleet less than 20 years old	1/27/2017 5:29 PM
440	30 yrs and out	1/27/2017 3:01 PM
441	Yes	1/27/2017 2:27 PM
442	15	1/27/2017 2:13 PM
443	Thirty	1/27/2017 1:57 PM
444	20	1/27/2017 1:41 PM
445	20 years or more in service	1/27/2017 12:12 PM
446	15 years	1/27/2017 8:18 AM
447	20	1/26/2017 11:58 PM
448	20 years for pumpers, 30 years for tankers	1/26/2017 7:33 PM
449	10 yrs old	1/26/2017 6:28 PM
450	20+	1/26/2017 2:20 PM
451	Engines are suppose to be 7 years front line 7 years reserve	1/26/2017 1:54 PM
452	25	1/26/2017 1:20 PM
453	15	1/26/2017 12:36 PM
454	Age definitely	1/26/2017 12:23 PM
455	When the old one quits	1/26/2017 11:45 AM
456	15 year Engine and Rescue 20 year Aerial	1/26/2017 11:16 AM

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457	20 year	1/26/2017 9:47 AM
458	Yes	1/26/2017 9:09 AM
459	25 yrs plus	1/26/2017 7:51 AM
460	10	1/26/2017 7:36 AM
461	Replace unit around 24 years	1/25/2017 11:27 PM
462	Not so much	1/25/2017 10:06 PM
463	Look for 20 years service	1/25/2017 8:56 PM
464	7	1/25/2017 7:42 PM
465	30 years	1/25/2017 5:59 PM
466	9 to 12 years	1/25/2017 5:30 PM
467	very important due to innovations in new apparatus-especially safety	1/25/2017 5:19 PM
468	34	1/25/2017 4:14 PM
469	20 years	1/25/2017 4:10 PM
470	15-20	1/25/2017 3:50 PM
471	We are going to try to replace Pumpers @ 10 years	1/25/2017 1:17 PM
472	20+	1/25/2017 10:48 AM
473	20-25	1/25/2017 12:04 AM
474	10-12 yrs	1/23/2017 5:38 PM
475	After 5 yr rotated to slower house	1/23/2017 3:35 PM
476	15	1/23/2017 3:15 PM
477	vehicle replacement program projects years of service	1/23/2017 2:03 PM
478	10	1/23/2017 1:34 PM
479	15 years for funding purposes	1/23/2017 12:33 PM
480	Very important to our department	1/23/2017 5:54 AM
481	10 Years in Service	1/22/2017 3:48 PM
482	5-7 years	1/22/2017 10:45 AM
483	High priority	1/22/2017 2:14 AM
484	Target replacement after 20 years.	1/21/2017 7:28 PM
485	10 - 15 Front Line with additional 10 -15 and secondary	1/21/2017 6:06 PM
486	20	1/21/2017 3:20 PM
487	20+	1/21/2017 1:46 PM
488	Tanker being rplaced has been in service over 25yrs	1/20/2017 5:14 PM
489	Over 10 for Pumpers, over 20 for Aerial, over 8 for Ambulance	1/20/2017 5:12 PM
490	20	1/20/2017 2:56 PM
491	Hope for 20 Years Service	1/20/2017 1:15 PM
492	10 years front line 5 years reserve	1/20/2017 1:05 PM
493	15 years Engines - 20 years for Aerials	1/20/2017 9:28 AM
494	no	1/19/2017 9:27 PM
495	10 year life for fire apparatus	1/19/2017 9:00 PM
496	25	1/19/2017 8:33 PM
497	15	1/19/2017 8:19 PM
498	12	1/19/2017 7:54 PM
499	first priority	1/19/2017 7:18 PM
500	20	1/19/2017 3:44 PM
501	Changes in operation, technology and safety	1/19/2017 3:43 PM
502	15	1/19/2017 2:22 PM
503	maintain them for 20 years, then look to replace.	1/19/2017 1:23 PM
504	10 years	1/19/2017 12:30 PM
505	N.a	1/19/2017 11:35 AM
506	Mainly age	1/19/2017 10:51 AM
507	7	1/19/2017 10:34 AM
508	Engines 15 years, Aerial 20 Years	1/19/2017 10:31 AM
509	15-25	1/19/2017 10:17 AM
510	8-15	1/19/2017 10:07 AM
511	Yes	1/19/2017 9:43 AM
512	try to replace at 15-20	1/19/2017 9:41 AM
513	10	1/19/2017 9:31 AM
514	20 years	1/19/2017 9:10 AM
515	some of our reserve apparatus are old enough to legally drink	1/19/2017 8:51 AM
516	20 years	1/19/2017 8:43 AM
517	10 for pumpers and 15 for areials	1/19/2017 8:29 AM

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518	8	1/19/2017 8:23 AM
519	Yes. NFPA	1/19/2017 8:04 AM
520	As equipment ages and does not meet standards it is replaced	1/19/2017 7:37 AM
521	30 years	1/19/2017 7:00 AM
522	N/a	1/19/2017 6:59 AM
523	how long the apparatus is old	1/19/2017 6:57 AM
524	Local laws apply	1/19/2017 5:46 AM
525	15-20 years	1/19/2017 2:45 AM
526	25	1/19/2017 1:33 AM
527	x	1/19/2017 1:27 AM
528	17 yeqars	1/19/2017 12:55 AM
529	20 year life span	1/18/2017 11:41 PM
530	30 or more years	1/18/2017 11:25 PM
531	Age	1/18/2017 11:24 PM
532	30-35	1/18/2017 11:18 PM
533	> 25 years, time to consider replacement	1/18/2017 10:19 PM
534	Per rating bureau regs	1/18/2017 9:48 PM
535	Once it seems old enough, administration is willing to replace	1/18/2017 9:43 PM
536	10	1/18/2017 9:18 PM
537	age is was we do to replace	1/18/2017 9:10 PM
538	10 years	1/18/2017 9:05 PM
539	Once it reaches the NFPA standard	1/18/2017 8:53 PM
540	25	1/18/2017 8:37 PM
541	20 total service 15 as front line and 5 as reserve	1/18/2017 8:33 PM
542	25 years	1/18/2017 8:33 PM
543	15 yrs frontline fire app, 6 yrs frontline ambulance	1/18/2017 8:26 PM
544	20yrs	1/18/2017 7:57 PM
545	15	1/18/2017 7:54 PM
546	25	1/18/2017 7:29 PM
547	We look ahead at apparatus age for a replacement plan before apparatus fails.	1/18/2017 7:21 PM
548	15	1/18/2017 7:10 PM
549	Yes	1/18/2017 7:09 PM
550	20	1/18/2017 6:58 PM
551	15	1/18/2017 6:56 PM
552	10-15	1/18/2017 6:54 PM
553	considered	1/18/2017 6:48 PM
554	As it relates to occupant protection, shoulder belts, air bags	1/18/2017 6:41 PM
555	yes	1/18/2017 6:32 PM
556	No	1/18/2017 6:27 PM
557	Yes	1/18/2017 6:16 PM
558	Apparatus usually have to be over 25yrs	1/18/2017 6:15 PM
559	30	1/18/2017 6:04 PM
560	15 ambulances 30 engines/aerial	1/18/2017 5:59 PM
561	keep moving up years of service/what shape it is in	1/18/2017 5:53 PM
562	15 years	1/18/2017 5:41 PM
563	Between 10-15 years	1/18/2017 5:40 PM
564	20	1/18/2017 5:37 PM
565	Currently have a pumper over 20 years old	1/18/2017 5:35 PM
566	30	1/18/2017 5:34 PM
567	greater than 10 yrs	1/18/2017 5:32 PM
568	Yes	1/18/2017 5:28 PM
569	20 year replacement	1/18/2017 5:28 PM
570	15 - 20	1/18/2017 5:24 PM
571	15yrs	1/18/2017 5:18 PM
572	5-6 years for a first out engine, 8-10 years for the ladder truck	1/18/2017 5:12 PM
573	20+	1/18/2017 5:10 PM
574	Yes	1/18/2017 5:08 PM
575	Trying to comply with Nfpa guidelines	1/18/2017 5:02 PM
576	main effect	1/18/2017 5:00 PM
577	N/A	1/18/2017 4:58 PM
578	Important	1/18/2017 4:57 PM

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579	This is our factor - age and outdated	1/18/2017 4:56 PM
580	20 year service life	1/18/2017 4:55 PM
581	20	1/18/2017 4:53 PM
582	Yes	1/18/2017 4:52 PM
583	15	1/18/2017 4:52 PM
584	20-25	1/18/2017 4:51 PM
585	usually 20	1/18/2017 4:49 PM
586	20	1/18/2017 4:46 PM
587	20	1/18/2017 4:41 PM
588	Based on ratings	1/18/2017 4:38 PM
589	10	1/18/2017 4:35 PM
590	10 years	1/18/2017 4:34 PM
591	Have to pass GO Bond to finance	1/18/2017 3:56 PM
592	the years in service	1/18/2017 3:27 PM
593	Somewhat important	1/18/2017 3:04 PM
594	12 years for ambulance, 25 years for fire	1/18/2017 2:14 PM
595	Definitely	1/18/2017 10:36 AM
596	Over 25 years per NFPA.	1/18/2017 9:39 AM
597	Approximately 10 years of service	1/18/2017 7:53 AM
598	20 years	1/17/2017 10:49 PM
599	20	1/17/2017 10:23 PM
600	20	1/17/2017 8:41 PM
601	20	1/17/2017 6:59 PM
602	Start to look at replacement when apparatus turns 10 years old.	1/17/2017 2:36 PM
603	20 year replacement program	1/17/2017 1:49 PM
604	10 years	1/17/2017 1:41 PM
605	year of service	1/17/2017 1:39 PM
606	20	1/17/2017 1:12 PM
607	15-20	1/17/2017 8:36 AM
608	20 year rotation	1/17/2017 8:24 AM
609	20	1/17/2017 8:15 AM
610	25	1/17/2017 12:01 AM
611	Combination of front line and reserve service	1/16/2017 11:47 PM
612	10	1/16/2017 8:36 PM
613	this is the primary concern	1/16/2017 6:27 PM
614	XXXXXX	1/16/2017 6:17 PM
615	age	1/16/2017 5:43 PM
616	15 years	1/16/2017 3:29 PM
617	According to Capital improvement plan	1/16/2017 12:48 PM
618	12	1/15/2017 9:30 PM
619	25 years - engine, 15 years Ladder	1/15/2017 11:55 AM
620	front line replaced after 20 years	1/15/2017 10:05 AM
621	15	1/14/2017 7:23 PM
622	10	1/14/2017 7:00 PM
623	year of service	1/14/2017 1:09 PM
624	25	1/14/2017 10:36 AM
625	15 years engines 20 years tenders 10 years rescues	1/14/2017 10:29 AM
626	Average age of fleet high	1/14/2017 8:46 AM
627	15 years	1/14/2017 8:45 AM
628	25 years	1/14/2017 5:06 AM
629	10 years of service	1/14/2017 4:32 AM
630	30	1/14/2017 3:38 AM
631	Squads every 15 years if possible, apparatus 20-30 years	1/13/2017 9:06 PM
632	20	1/13/2017 9:02 PM
633	how old	1/13/2017 6:19 PM
634	by years of service	1/13/2017 5:34 PM
635	20	1/13/2017 4:24 PM
636	20	1/13/2017 4:18 PM
637	Important	1/13/2017 4:13 PM
638	20 yrs for pumpers and 30 years for tankers	1/13/2017 3:52 PM
639	if it is still filling its roll, we are willing to keep	1/13/2017 10:40 AM

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640	20 years	1/13/2017 10:19 AM
641	10	1/13/2017 10:17 AM
642	Combination of years of service and milage	1/13/2017 10:08 AM
643	Yes	1/13/2017 5:58 AM
644	Engines 12-15 front line, approx. 20 year life total	1/12/2017 10:47 PM
645	Around 20	1/12/2017 1:18 PM
646	20	1/12/2017 11:36 AM
647	Age of the truck.	1/12/2017 10:56 AM
648	years in service	1/12/2017 10:09 AM
649	8	1/12/2017 9:14 AM
650	20	1/12/2017 8:51 AM
651	20-25	1/12/2017 8:17 AM
652	30 years	1/12/2017 8:14 AM
653	20	1/12/2017 8:08 AM
654	TEN	1/12/2017 7:51 AM
655	12	1/12/2017 7:46 AM
656	10	1/12/2017 7:43 AM
657	10	1/12/2017 7:36 AM
658	6	1/12/2017 6:30 AM
659	20	1/12/2017 6:03 AM
660	20 years it is due for replacement	1/12/2017 5:15 AM
661	Follow NFPA & ISO standards.	1/12/2017 4:54 AM
662	15	1/12/2017 4:32 AM
663	15	1/12/2017 4:13 AM
664	25	1/12/2017 3:13 AM
665	Five	1/12/2017 3:09 AM
666	10 20	1/12/2017 1:44 AM
667	10 years	1/12/2017 1:06 AM
668	20	1/12/2017 12:51 AM
669	10	1/12/2017 12:50 AM
670	Nfpa recommendations	1/12/2017 12:43 AM
671	1	1/12/2017 12:39 AM
672	1995	1/12/2017 12:38 AM
673	20	1/11/2017 11:54 PM
674	25	1/11/2017 11:48 PM
675	no	1/11/2017 11:42 PM
676	15	1/11/2017 11:31 PM
677	20	1/11/2017 11:26 PM
678	15-20	1/11/2017 11:06 PM
679	20	1/11/2017 11:02 PM
680	50 or more years	1/11/2017 11:00 PM
681	15-20	1/11/2017 10:57 PM
682	15	1/11/2017 10:56 PM
683	20 years	1/11/2017 10:37 PM
684	15	1/11/2017 10:33 PM
685	20	1/11/2017 10:20 PM
686	When they get 20 years old or older	1/11/2017 10:19 PM
687	20 years	1/11/2017 10:12 PM
688	20	1/11/2017 10:12 PM
689	10 years front line, 15-20 reserve	1/11/2017 10:00 PM
690	20	1/11/2017 9:59 PM
691	Age and condition	1/11/2017 9:45 PM
692	Usually around 25 years of service	1/11/2017 9:42 PM
693	15	1/11/2017 9:33 PM
694	10	1/11/2017 9:22 PM
695	15-20 years	1/11/2017 9:19 PM
696	15 to 20 years	1/11/2017 9:16 PM
697	Pumpers 30 years. Ladders 25 years	1/11/2017 9:13 PM
698	15 years	1/11/2017 9:13 PM
699	20-25	1/11/2017 8:59 PM
700	Rotational plan	1/11/2017 8:58 PM

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701	15 to 20	1/11/2017 8:57 PM
702	We have to that are 30+ years old	1/11/2017 8:54 PM
703	We attempt to follow NFPA 15 year front line and then reserve for a few years	1/11/2017 8:53 PM
704	20	1/11/2017 8:23 PM
705	20 for fire, 15 for ambulances	1/11/2017 8:17 PM
706	15 years	1/11/2017 8:16 PM
707	15 yrs start looking	1/11/2017 8:08 PM
708	20+	1/11/2017 8:03 PM
709	Biggest Factor	1/11/2017 8:01 PM
710	20 to 30	1/11/2017 7:38 PM
711	15	1/11/2017 7:36 PM
712	30	1/11/2017 7:27 PM
713	10 years to reserve status	1/11/2017 7:25 PM
714	None	1/11/2017 7:11 PM
715	Staff vehicles/light trucks 10 years, engines 20 years, ladders/platforms 25 years	1/11/2017 6:28 PM
716	25 years	1/11/2017 6:26 PM
717	10	1/11/2017 6:21 PM
718	15	1/11/2017 6:05 PM
719	Yes	1/11/2017 6:04 PM
720	Approx 15 years depending on truck	1/11/2017 6:04 PM
721	10	1/11/2017 5:51 PM
722	20	1/11/2017 5:48 PM
723	20 years	1/11/2017 5:47 PM
724	15 years frontline for engines and 20 for aerials	1/11/2017 5:40 PM
725	25 years	1/11/2017 5:38 PM
726	20	1/11/2017 5:36 PM
727	They don't care	1/11/2017 5:33 PM
728	10	1/11/2017 5:21 PM
729	20 yr	1/11/2017 5:21 PM
730	We have older trucks	1/11/2017 5:21 PM
731	Apparatus is refurbished at 10 years, refurbished or replaced at 20 years. If refurbished at 20 years then evaluated every 5 years until replaced.	1/11/2017 5:09 PM
732	Per nfpa	1/11/2017 5:04 PM
733	don't want to exceed NFPA guidelines	1/11/2017 5:01 PM
734	20	1/11/2017 4:54 PM
735	20	1/11/2017 4:53 PM
736	20-25	1/11/2017 4:30 PM
737	20	1/11/2017 4:29 PM
738	This is the principal governing factor. We set aside funds annually for vehicle replacement and pay cash when we acquire a new apparatus. The amount set aside is based on a 15 year life for engines and 20 year life for ladder/quint.	1/11/2017 4:11 PM
739	20+	1/11/2017 3:42 PM
740	8	1/11/2017 3:35 PM
741	25 years	1/11/2017 3:31 PM
742	10-15	1/11/2017 3:27 PM
743	7 - 10 yrs	1/11/2017 3:21 PM
744	If it is a good truck, they will keep it a little longer.	1/11/2017 2:45 PM
745	20	1/11/2017 2:45 PM
746	30 years of service	1/11/2017 2:43 PM
747	20+	1/11/2017 2:31 PM
748	20	1/11/2017 2:31 PM
749	Replace or Refurbish every 20 years	1/11/2017 2:25 PM
750	Monitor with hours and cost of maintenance.	1/11/2017 2:07 PM
751	20 years	1/11/2017 2:05 PM
752	10-15 front line 5-10 in reserve	1/11/2017 2:04 PM
753	< 10	1/11/2017 1:38 PM
754	20	1/11/2017 1:21 PM
755	20	1/11/2017 1:12 PM
756	12	1/11/2017 12:53 PM
757	25	1/11/2017 12:51 PM
758	10-12 years frontline service	1/11/2017 12:44 PM
759	always a consideration, but value performance capabilities	1/11/2017 12:39 PM
760	20	1/11/2017 12:35 PM

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761	25 rears	1/11/2017 12:19 PM
762	Years of service	1/11/2017 12:17 PM
763	20	1/11/2017 12:15 PM
764	10	1/11/2017 12:14 PM
765	10	1/11/2017 12:13 PM
766	30 max	1/11/2017 12:13 PM
767	15	1/11/2017 12:10 PM
768	20-25	1/11/2017 12:05 PM
769	30 years old	1/11/2017 12:04 PM
770	We try to limit age to 20-25 years, if possible.	1/11/2017 12:04 PM
771	we try to stay between 20-25ys	1/11/2017 11:49 AM
772	15	1/11/2017 11:41 AM
773	10 to 15 year replacement	1/11/2017 11:40 AM
774	Per nfpa	1/11/2017 11:40 AM
775	10 or so years before we look to new apparatus	1/11/2017 11:37 AM
776	20 for engines, 25 for ladders	1/11/2017 11:36 AM
777	Yes	1/11/2017 11:35 AM
778	generally large apparatus replaced at 20 years ambulance replace 5-6 years	1/11/2017 11:34 AM
779	24 years	1/11/2017 11:33 AM
780	20 years	1/11/2017 11:22 AM
781	20	1/11/2017 11:18 AM
782	Ambulance 4 years frontline, 4 years reserve. Engines 10 years frontline 10 years reserve. Ladders 20 years total	1/11/2017 11:10 AM
783	10 first line 5-10 reserve	1/11/2017 11:01 AM
784	years in service	1/11/2017 10:36 AM
785	30	1/11/2017 10:32 AM
786	20 pumpers 25 ladders	1/11/2017 10:22 AM
787	20	1/11/2017 10:21 AM
788	NA	1/11/2017 10:17 AM
789	10	1/11/2017 10:14 AM
790	20	1/11/2017 10:13 AM
791	20 total. 10yrs frontline 10yrs reserve	1/11/2017 10:09 AM
792	Yes	1/11/2017 10:00 AM
793	20	1/11/2017 9:47 AM
794	20	1/11/2017 9:47 AM
795	4-5 year turn over, moving older apparatus to second line	1/11/2017 8:33 AM
796	NFPA req	1/11/2017 8:00 AM
797	20 years	1/11/2017 3:48 AM
798	15-20	1/11/2017 2:38 AM
799	not over 20 years	1/11/2017 2:29 AM
800	10	1/10/2017 11:03 PM
801	Average age is 20yrs. May change back to 15	1/10/2017 10:25 PM
802	10-15 front line. 5 in reserve.	1/10/2017 10:20 PM
803	After 10 for first out rigs	1/10/2017 9:59 PM
804	15	1/10/2017 9:46 PM
805	20	1/10/2017 9:38 PM
806	Age of apparatus and if it is still servicable	1/10/2017 9:05 PM
807	20 years max	1/10/2017 8:54 PM
808	50	1/10/2017 8:44 PM
809	20	1/10/2017 8:44 PM
810	at 23 years we replace apparatus	1/10/2017 8:25 PM
811	Na	1/10/2017 7:52 PM
812	A concern for parts replacement	1/10/2017 7:48 PM
813	Yes	1/10/2017 7:45 PM
814	nfpa standards	1/10/2017 7:45 PM
815	20 to 25 year life cycle replacement	1/10/2017 7:35 PM
816	We need to meet FUS standards	1/10/2017 6:47 PM
817	22	1/10/2017 6:43 PM
818	25 years	1/10/2017 6:35 PM
819	Years of service is primary guide.	1/10/2017 6:13 PM
820	20- 24 years of service	1/10/2017 6:10 PM
821	15 to 20 years	1/10/2017 5:57 PM

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822	Able to perform and cost, no certain years.	1/10/2017 5:52 PM
823	try replace after 15 years	1/10/2017 5:44 PM
824	1942	1/10/2017 5:26 PM
825	Try to replace at the 20 year mark or sooner	1/10/2017 4:51 PM
826	20 years	1/10/2017 4:43 PM
827	NFPA standards	1/10/2017 4:43 PM
828	YEARS IN SERVICE	1/10/2017 4:40 PM
829	try to replace when the newest truck is ten years old	1/10/2017 4:31 PM
830	age of chassis	1/10/2017 4:28 PM
831	15	1/10/2017 3:56 PM
832	15 years or older	1/10/2017 3:23 PM
833	5 Ambulance, 10 Brush Truck and 20 front line engine	1/10/2017 3:13 PM
834	life meter established at time of purchase	1/10/2017 3:11 PM
835	10	1/10/2017 3:10 PM
836	We strive to get 20 years service	1/10/2017 2:45 PM
837	12	1/10/2017 2:43 PM
838	Budget to stay within the 20 yr replacement requirement	1/10/2017 2:20 PM
839	yes	1/10/2017 2:15 PM
840	Apparatus aging out. We have been holding on to vehicles longer.	1/10/2017 2:12 PM
841	X	1/10/2017 1:57 PM
842	Mostly	1/10/2017 1:46 PM
843	10	1/10/2017 1:34 PM
844	15	1/10/2017 1:32 PM
845	20 years	1/10/2017 1:31 PM
846	20 yeras on for Fire apparatus, 12 years for ambulances	1/10/2017 1:21 PM
847	7-10 years	1/10/2017 1:19 PM
848	Major factor	1/10/2017 1:18 PM
849	NFPA standards	1/10/2017 1:06 PM
850	10 year life	1/10/2017 12:56 PM
851	10	1/10/2017 12:44 PM
852	20 Years front line/ 10 extra years in reserve	1/10/2017 12:44 PM
853	20	1/10/2017 12:40 PM
854	15	1/10/2017 12:33 PM
855	10-15 yrs	1/10/2017 12:29 PM
856	15	1/10/2017 12:28 PM
857	replace every 20-25 years	1/10/2017 12:21 PM
858	20	1/10/2017 12:12 PM
859	20	1/10/2017 12:08 PM
860	Yes	1/10/2017 12:01 PM
861	Big factor, older apparatus begin to nickle dime the budget	1/10/2017 12:01 PM
862	We try to get as close to NFPA compliance as possible and use our apparatus as long as it keeps working without several trips to the repair shop.	1/10/2017 12:01 PM
863	20	1/10/2017 11:59 AM
864	30 Years	1/10/2017 11:53 AM
865	Tracked by fleet division	1/10/2017 11:52 AM
866	15 pumper, 15 ambulance	1/10/2017 11:51 AM
867	10	1/10/2017 11:50 AM
868	10	1/10/2017 11:45 AM
869	10	1/10/2017 11:42 AM
870	25	1/10/2017 11:39 AM
871	25	1/10/2017 11:32 AM
872	Engines - 15 years, Aerials - 20 years	1/10/2017 11:32 AM
873	5 to 7 year cycle	1/10/2017 11:30 AM
874	N/A	1/10/2017 11:29 AM
875	age off apparatus being replaced	1/10/2017 11:24 AM
876	20	1/10/2017 11:19 AM
877	20 year	1/10/2017 11:15 AM
878	12 years on engines	1/10/2017 11:11 AM
879	Coincides with our cost of maintenance formula, around 15-20 years in front line for certain vehicles and around 5-8 for others.	1/10/2017 11:11 AM
880	20 -30 Years	1/10/2017 11:10 AM
881	20 years	1/10/2017 11:09 AM

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882	20 years	1/10/2017 11:08 AM
883	20-25 years	1/10/2017 11:06 AM
884	yes	1/10/2017 11:03 AM
885	25	1/10/2017 10:56 AM
886	15	1/10/2017 10:52 AM
887	uses NFPA recommendations 20 years/30 years	1/10/2017 10:47 AM
888	20-25	1/10/2017 10:45 AM
889	15	1/10/2017 10:45 AM
890	18	1/10/2017 10:43 AM
891	20	1/10/2017 10:36 AM
892	Primary determination	1/10/2017 10:36 AM
893	30	1/10/2017 10:35 AM
894	Very	1/10/2017 10:31 AM
895	After 20 -25 years old	1/10/2017 10:26 AM
896	20 years	1/10/2017 10:25 AM
897	20+	1/10/2017 10:23 AM
898	Age and when we can afford to replace them	1/10/2017 10:23 AM
899	20	1/10/2017 10:16 AM
900	20	1/10/2017 10:14 AM
901	We try to replace apparatus every 7-9 years	1/10/2017 10:14 AM
902	When the old one quits	1/10/2017 10:14 AM
903	we purchase an ambulance every other year	1/10/2017 10:13 AM
904	plays into the need but really not a contributing factor, once had the oldest in service engine in the area	1/10/2017 10:13 AM
905	15 Engine, 20 Ladder	1/10/2017 10:10 AM
906	years of service	1/10/2017 10:09 AM
907	NA	1/10/2017 10:01 AM
908	Most vehicles are 20 year replacement	1/10/2017 10:00 AM
909	Safety features and technology exceed current capabilities	1/10/2017 10:00 AM
910	20	1/10/2017 9:59 AM
911	20	1/10/2017 9:58 AM
912	20	1/10/2017 9:56 AM
913	We use age to help determine replacement.	1/10/2017 9:54 AM
914	30 years for pumper; 40 years for aerial	1/10/2017 9:52 AM
915	Most apparatus (large) is on a 10/12 year cycle	1/10/2017 9:51 AM
916	25 years	1/10/2017 9:49 AM
917	A	1/10/2017 9:48 AM
918	15 yrs front line service 3 yrs reserve	1/10/2017 9:46 AM
919	20	1/10/2017 9:45 AM
920	15-20	1/10/2017 9:43 AM
921	5-10 years depending on the apparatus	1/10/2017 9:42 AM
922	20-25 years maximum life	1/10/2017 9:42 AM
923	15	1/10/2017 9:39 AM
924	20	1/10/2017 9:38 AM
925	Try and follow ISO standard	1/10/2017 9:38 AM
926	20	1/10/2017 9:38 AM
927	20	1/10/2017 9:37 AM
928	30+	1/10/2017 9:36 AM
929	usually 22-25 years of service	1/10/2017 9:33 AM
930	10 years of service	1/10/2017 9:31 AM
931	20 years on an engine and 25 on ladder trucks	1/10/2017 9:31 AM
932	oldest truck replaced	1/10/2017 9:30 AM
933	x	1/10/2017 9:30 AM
934	1	1/10/2017 9:28 AM
935	20 year rotation	1/10/2017 9:23 AM
936	10	1/10/2017 9:21 AM
937	Important factor	1/10/2017 9:19 AM
938	15 years	1/10/2017 9:17 AM
939	20 years	1/10/2017 9:17 AM
940	20 years	1/10/2017 9:17 AM
941	YES OVER 20-YEARS	1/10/2017 9:16 AM
942	Over 25 Years	1/10/2017 9:16 AM

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943	no more than 15 yrs	1/10/2017 9:15 AM
944	10 years	1/10/2017 9:13 AM
945	30 years for aerials, 25 for engines	1/10/2017 9:12 AM
946	10 - 12 years frontline and 5 years reserve status.	1/10/2017 9:12 AM
947	5 front line 5 reserve	1/10/2017 9:12 AM
948	How old they are	1/10/2017 9:12 AM
949	10+	1/10/2017 9:11 AM
950	We have a 30 year replacement plan, with front line Pumpers and Tankers for 15 years	1/10/2017 9:09 AM
951	20 years	1/10/2017 9:08 AM
952	15 years front line 5 reserve	1/10/2017 9:07 AM
953	12	1/10/2017 9:07 AM
954	10	1/10/2017 9:06 AM
955	6	1/10/2017 9:06 AM
956	we usually get 25 years of front line service	1/10/2017 9:06 AM
957	15 years	1/10/2017 9:05 AM
958	age is major factor	1/10/2017 9:05 AM
959	20	1/10/2017 9:04 AM
960	15	1/10/2017 9:04 AM
961	try to rotate after 15 years	1/10/2017 9:04 AM
962	Usually 5-10 years front line. 10-20 years reserve	1/10/2017 9:04 AM
963	34	1/10/2017 9:03 AM
964	17	1/10/2017 9:03 AM
965	15 years	1/10/2017 9:03 AM
966	20 years	1/10/2017 9:02 AM
967	Typically between 12-18 years	1/10/2017 9:02 AM
968	20 years	1/10/2017 9:02 AM
969	10	1/10/2017 9:02 AM
970	10 for wildland 30 for engines	1/10/2017 9:01 AM
971	6-10	1/10/2017 9:00 AM
972	10	1/10/2017 8:59 AM
973	25	1/10/2017 8:58 AM
974	10	1/10/2017 8:58 AM
975	20	1/10/2017 8:58 AM
976	no	1/10/2017 6:59 AM
977	ambos 5yrs, engines 8-10, aerials 10, tankers 10	1/9/2017 9:03 PM
978	Taken into consideration	1/9/2017 7:29 PM
979	15 years for pumpers, 10-12 for wildland engine	1/9/2017 7:15 PM
980	Vehicles are normally replaced after 25 + years of service or repurposed.	1/9/2017 6:23 PM
981	after 20 years	1/8/2017 6:21 PM
982	Some apparatus are getting near the 20 year mark	1/8/2017 2:43 PM
983	10	1/8/2017 1:58 PM
984	Yes based on replacement plan	1/8/2017 12:42 PM
985	25 years	1/8/2017 12:12 PM
986	20 years	1/8/2017 11:51 AM
987	Yes, 15 to 20 years.	1/8/2017 10:56 AM
988	10	1/8/2017 10:47 AM
989	20	1/8/2017 10:44 AM
990	25 years	1/8/2017 9:40 AM
991	Yes	1/8/2017 9:26 AM
992	7 for pumpers 10 for aerials	1/8/2017 9:13 AM
993	15 frontline, 20 reserve	1/8/2017 7:32 AM
994	15	1/8/2017 7:11 AM
995	We are at a 15 year replacement cycle	1/8/2017 7:01 AM
996	How long we had it	1/8/2017 6:32 AM
997	15 Years Replacement Policy	1/7/2017 8:28 PM
998	Most important	1/6/2017 9:43 PM
999	1st line apparatus less than 20 years old	1/6/2017 3:54 PM
1000	15	1/6/2017 1:27 PM
1001	20+ years	1/5/2017 8:01 PM
1002	15	1/5/2017 2:34 PM
1003	25	1/5/2017 2:16 PM

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1004	15	1/4/2017 4:37 PM
1005	yes in lesser use locations	1/4/2017 10:39 AM
1006	15	12/26/2016 12:16 PM
1007	15	12/23/2016 8:15 AM
1008	don't no	12/23/2016 5:56 AM
1009	It has to be old enough and maintenance costs going up	12/22/2016 5:26 PM
1010	Oldest truck a 1987 to be replaced within 5 year	12/22/2016 1:44 PM
1011	10	12/22/2016 9:28 AM
1012	20	12/22/2016 9:08 AM
1013	Apparatus still functional in its capacity after years	12/22/2016 8:27 AM
1014	10 years	12/22/2016 7:57 AM
1015	Used but needs to have maintenance issues	12/22/2016 6:54 AM
1016	20 years of service	12/22/2016 6:49 AM
1017	currently replacing a 1974 Clarke	12/22/2016 1:56 AM
1018	8-9 YEARS	12/22/2016 12:03 AM
1019	X	12/21/2016 11:07 PM
1020	14	12/21/2016 10:00 PM
1021	10	12/21/2016 9:17 PM
1022	Major apparatus 20 years	12/21/2016 8:16 PM
1023	20-22 yrs max service life	12/21/2016 7:57 PM
1024	YES	12/21/2016 7:11 PM
1025	Years of service	12/21/2016 6:52 PM
1026	Twenty years	12/21/2016 6:01 PM
1027	30	12/21/2016 4:58 PM
1028	20 years	12/21/2016 2:56 PM
1029	20 yrs	12/21/2016 10:26 AM
1030	20 years	12/21/2016 8:41 AM
1031	No	12/21/2016 3:45 AM
1032	25 or more	12/20/2016 11:37 PM
1033	20 years for engines and heavy rescue, 10 years wild land and ambo	12/20/2016 10:16 PM
1034	Age of apparatus	12/20/2016 10:08 PM
1035	Trying to replace oldest first	12/20/2016 9:43 PM
1036	10 years of front line service for pumpers, 25 years for Ladder trucks	12/20/2016 8:19 PM
1037	20yo	12/20/2016 7:37 PM
1038	10 years for pumpers 5 for transports	12/20/2016 7:22 PM
1039	10-15	12/20/2016 7:15 PM
1040	15	12/20/2016 7:13 PM
1041	Engines - 30 years, Others - 40 years	12/20/2016 7:12 PM
1042	Every 20 years	12/20/2016 7:05 PM
1043	20	12/20/2016 7:02 PM
1044	Over 15	12/20/2016 6:57 PM
1045	20/25 years of age	12/20/2016 6:56 PM
1046	20	12/20/2016 6:54 PM
1047	15-20 years in service	12/20/2016 6:53 PM
1048	Over 25	12/20/2016 6:51 PM
1049	20-25	12/20/2016 6:47 PM
1050	10	12/20/2016 6:46 PM
1051	20-25	12/20/2016 6:42 PM
1052	20	12/20/2016 6:40 PM
1053	20 years	12/18/2016 3:12 PM
#	Cost of maintenance	Date
1	If the cost to repair is excessie it needs to be looked at	2/27/2017 4:43 PM
2	Alot	2/27/2017 11:49 AM
3	When it exceeds the budget	2/24/2017 7:36 PM
4	Starting to nickle and dime us	2/24/2017 1:12 PM
5	If it can't be repaired move it out	2/24/2017 11:57 AM
6	When cost become excessive	2/24/2017 11:44 AM
7	omg alot	2/24/2017 8:50 AM
8	when repairs is more than value	2/23/2017 9:20 PM
9	Yes	2/23/2017 8:51 PM
10	YES	2/23/2017 3:39 PM

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11	going to the shop too often	2/23/2017 2:21 PM
12	Is it in the shop more than in the station	2/23/2017 1:58 PM
13	Greater than monthly payment	2/23/2017 1:22 PM
14	yes	2/23/2017 1:13 PM
15	If it costs as much or more to fix	2/23/2017 12:23 PM
16	When the cost of repairs becomes prohibitive, we replace	2/21/2017 6:37 PM
17	evaluate situation/condition	2/21/2017 9:20 AM
18	We conduct an informal analysis of maintenance related issues including cost.	2/20/2017 1:35 PM
19	10	2/20/2017 7:31 AM
20	Not really important	2/19/2017 9:56 PM
21	high maintanence of no parts aviable	2/19/2017 6:24 PM
22	Yes	2/19/2017 5:58 PM
23	Yes	2/19/2017 2:25 PM
24	As parts get harder to find for older apparatus the cost goes up.	2/19/2017 9:43 AM
25	yes	2/19/2017 6:42 AM
26	Unknown	2/17/2017 9:35 PM
27	very much	2/17/2017 8:23 PM
28	Maintenance would be the largest factor. As a volunteer fire department it is not fesable to purchase a new engine just due to years, hours or milage.	2/17/2017 3:08 PM
29	major factor, replace sooner if costing more to keep in service.	2/17/2017 9:02 AM
30	when maintenance costs are more than purchase costs.	2/17/2017 3:40 AM
31	Most important	2/16/2017 11:17 PM
32	Cost	2/16/2017 10:39 PM
33	If maintenance cost get excessive apparatus replacement is evaluated.	2/16/2017 10:27 PM
34	not passing test	2/16/2017 5:00 PM
35	#2	2/16/2017 4:46 PM
36	cost too much maintain - replace	2/16/2017 1:59 PM
37	50,000	2/16/2017 1:52 PM
38	lower costs on aging vehicles	2/16/2017 1:46 PM
39	Depending on routine or parts failing do to use.	2/16/2017 1:32 PM
40	Repairs cost more than 60% of new truck	2/16/2017 1:22 PM
41	this	2/16/2017 12:12 PM
42	Frequency of repairs	2/16/2017 11:55 AM
43	50	2/16/2017 11:52 AM
44	If constantly in shop for repairs, it's time to replace	2/16/2017 10:54 AM
45	n/a	2/16/2017 10:52 AM
46	not unless extreme	2/16/2017 10:40 AM
47	NA	2/16/2017 10:27 AM
48	costly problems on horizon, ie, tank replacement, etc..	2/16/2017 10:25 AM
49	If the cost of maintenance overpasses the value of the vehicle	2/16/2017 10:21 AM
50	Yes	2/16/2017 10:11 AM
51	age of apparatus dictates this	2/16/2017 9:32 AM
52	If a truck begins to have major issues we will move up replacement	2/16/2017 9:31 AM
53	When an apparatus spends more time at the shop or out of service than in the bay or available for service.	2/16/2017 9:30 AM
54	Important	2/16/2017 9:20 AM
55	OVERALL COST	2/16/2017 9:17 AM
56	We always look at maintenance costs.	2/16/2017 9:10 AM
57	When repairs out way replacement cost.	2/16/2017 9:10 AM
58	N/A	2/16/2017 9:09 AM
59	Yes	2/16/2017 9:03 AM
60	When maintenance cost exceeds purchase price	2/16/2017 8:58 AM
61	depends	2/16/2017 8:58 AM
62	N/A	2/16/2017 8:56 AM
63	\$15,000	2/16/2017 8:50 AM
64	most likely	2/16/2017 8:44 AM
65	Excessive cost	2/15/2017 5:37 PM
66	cost of maintenance	2/15/2017 1:59 PM
67	Factor but not sole replacement indicator	2/14/2017 4:17 PM
68	If cost and frequenty of repairs	2/12/2017 7:20 PM
69	Excessive maintenance costs that, through an anaylsis, exceeds the ROI of a replacement vehicle	2/12/2017 3:55 PM
70	Maintenance cost analysis	2/11/2017 10:34 PM

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71	KEEP HAVING TO PUT IN THE SHOP	2/11/2017 9:25 AM
72	Yes	2/10/2017 7:00 PM
73	thas the kicker. how much was spent on repairs over the years Vs the cost of a new vehicle	2/10/2017 12:23 PM
74	with age comes cost	2/10/2017 8:35 AM
75	YES	2/10/2017 7:51 AM
76	High	2/10/2017 12:58 AM
77	when cost of maintenance becomes prohibitive	2/9/2017 10:51 PM
78	If its getting excessive, its gone	2/9/2017 4:08 PM
79	not important	2/9/2017 2:25 PM
80	yes	2/9/2017 1:51 PM
81	3,000	2/9/2017 12:26 PM
82	20.000	2/9/2017 11:36 AM
83	yes	2/9/2017 10:49 AM
84	Cost and amount of time OOS	2/9/2017 10:48 AM
85	2nd priority for replacement	2/9/2017 10:23 AM
86	na	2/9/2017 9:55 AM
87	Priority	2/9/2017 9:51 AM
88	DOES NOT APPLY	2/9/2017 9:44 AM
89	When maintenance cost of routine wear and tear exceeds what would be spent on a new apparatus	2/9/2017 9:16 AM
90	what we consider excessive cost of maintainence	2/9/2017 7:51 AM
91	out for service alot	2/9/2017 6:32 AM
92	When we are dumping large amounts of money to keep truck on the road	2/9/2017 12:56 AM
93	open	2/8/2017 10:50 PM
94	when this becomes too high	2/8/2017 10:08 PM
95	when the maintenance starts to cost more than buying a new apparatus	2/8/2017 9:32 PM
96	Yes	2/8/2017 7:22 PM
97	yes, when costs start to exceed the budget	2/8/2017 6:52 PM
98	Cost of maintenance plays a big part	2/8/2017 6:46 PM
99	N/a	2/8/2017 6:29 PM
100	Ongoing maintenance greater than 15% of value warrants replacement.	2/8/2017 6:20 PM
101	N/a	2/8/2017 6:00 PM
102	Yeah	2/8/2017 5:42 PM
103	Secondary	2/8/2017 5:19 PM
104	if to costly to maintain it is put up for replacement	2/8/2017 5:14 PM
105	Yes	2/8/2017 5:10 PM
106	5000	2/8/2017 4:57 PM
107	Repeated repairs	2/8/2017 4:42 PM
108	Increasing costs very important	2/8/2017 4:28 PM
109	Cost out weighs value of apparatus.	2/8/2017 4:23 PM
110	yes	2/8/2017 3:59 PM
111	This is looked at closely as part prices can out due the over all cost of keeping appartus	2/8/2017 3:57 PM
112	When this cost rises too much we try to replace it asap	2/8/2017 3:57 PM
113	Minor concern.	2/8/2017 3:47 PM
114	Will replace sooner if it costs too much to repair	2/8/2017 3:45 PM
115	N/A	2/8/2017 3:40 PM
116	When maintenance costs become too high	2/8/2017 3:04 PM
117	maintenance exceeds price of purchase	2/8/2017 3:00 PM
118	Yes	2/8/2017 2:58 PM
119	Big deal	2/8/2017 2:49 PM
120	If parts are no longer available could determine it	2/8/2017 2:44 PM
121	If cost gets excessive replacement is evaluated based on yrs. of service.	2/8/2017 2:39 PM
122	This plays a factor in both of the above.	2/8/2017 2:38 PM
123	Maintenance cost is probably the main factor	2/8/2017 2:35 PM
124	If cost overrides replacment	2/8/2017 2:34 PM
125	If it has a lot of upkeep	2/8/2017 2:30 PM
126	Before it gets to be to much on the budget	2/8/2017 2:29 PM
127	When the cost of maintenance exceeds the money we put into our replacement fund	2/8/2017 2:27 PM
128	monitor costs, if increased maint cost & downtime replace sooner	2/8/2017 2:25 PM
129	Varies	2/8/2017 2:22 PM
130	If the cost of maintenance is greater than the average price for that year.	2/8/2017 2:22 PM
131	biggest decision	2/8/2017 2:21 PM

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132	Yes	2/8/2017 2:18 PM
133	over 50%	2/8/2017 2:16 PM
134	Cost effectiveness of repairs as compared to replacement	2/8/2017 2:07 PM
135	?	2/8/2017 2:06 PM
136	1	2/8/2017 2:05 PM
137	Replace when repairs begin to exceed what could be saved for future purchases	2/7/2017 10:26 PM
138	Maintenance cost on rise, we look at reason and check into replacement	2/7/2017 2:56 PM
139	Cost to keep on road too much	2/6/2017 5:53 PM
140	8600	2/6/2017 5:49 PM
141	Discussion and types of repairs will influence this decision	2/6/2017 5:04 PM
142	When the cost is over our yearly budget of less than \$20k	2/6/2017 2:51 PM
143	Excess maintenance costs are a factor	2/6/2017 10:34 AM
144	Yes	2/5/2017 6:39 PM
145	1	2/4/2017 7:11 AM
146	2500	2/3/2017 5:53 PM
147	unknown	2/3/2017 5:25 PM
148	Right now it's increasing too much	2/3/2017 2:17 PM
149	When cost for maintenance exceeds value of vehicle	2/3/2017 12:35 AM
150	Excessive costs	2/2/2017 5:12 PM
151	yes	2/2/2017 4:46 PM
152	Cost would influence replacement	2/2/2017 4:12 PM
153	Yes	2/2/2017 3:15 PM
154	cost of maintenance and availability of parts	2/2/2017 2:37 PM
155	age vs. maintenance costs	2/2/2017 2:31 PM
156	How much is it going to cost to keep fixing	2/2/2017 1:09 PM
157	8000	2/2/2017 12:45 PM
158	Relative When it is choosing more than the apparatus is worth	2/2/2017 6:36 AM
159	When we have to continually put money into it for repairs and becomes a burden	2/2/2017 6:27 AM
160	this is what drives the replacement	2/1/2017 10:55 PM
161	How many parts need replace at one time	2/1/2017 9:22 PM
162	Important	2/1/2017 9:10 PM
163	More than 65,000	2/1/2017 8:00 PM
164	More then half the value of the apparatus	2/1/2017 7:30 PM
165	Replacement is mandated when the cost of maintenance reaches 50% of replacement cost	2/1/2017 4:58 PM
166	This is number 2	2/1/2017 3:39 PM
167	based on maintenance	2/1/2017 3:27 PM
168	excessive cost may lead to early replacement	2/1/2017 11:13 AM
169	No	1/31/2017 11:42 AM
170	increase cost in maintenance is a reason to begin looking at replacing an apparatus	1/31/2017 10:09 AM
171	Cost and availability of parts	1/31/2017 7:01 AM
172	If gets excessive towards end of 20 cycle	1/30/2017 6:34 PM
173	Na	1/30/2017 1:52 PM
174	When cost exceed outcome	1/30/2017 1:23 PM
175	When maintenance become to much/repeat	1/30/2017 10:39 AM
176	is looked at the same as years of service	1/30/2017 7:58 AM
177	wore out	1/29/2017 10:42 PM
178	When unable to repair due to high cost or inability to locate parts	1/29/2017 9:25 PM
179	Caused adjustment of replacement by age downward	1/29/2017 8:27 PM
180	none	1/29/2017 12:00 PM
181	When the cost of keeping a truck on the road is more then replacing it or not being able to get parts	1/28/2017 8:08 PM
182	yes	1/28/2017 3:03 PM
183	Replaced when it costs more than it is worth	1/28/2017 1:36 PM
184	x	1/28/2017 11:55 AM
185	when repair becomes too expensive	1/28/2017 9:55 AM
186	Will not replace untill it is cost effective	1/28/2017 9:32 AM
187	Definitely a determining factor	1/28/2017 9:00 AM
188	50%	1/28/2017 8:57 AM
189	figures into replacement	1/28/2017 8:29 AM
190	1000 - 4000	1/28/2017 8:24 AM
191	none	1/28/2017 7:54 AM
192	Yes	1/28/2017 7:37 AM

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193	\$1000 dollars or more	1/28/2017 5:49 AM
194	if exceeds value if rig	1/28/2017 1:08 AM
195	Getting into high \$\$\$ repairs	1/28/2017 12:15 AM
196	Replaced before 200,000 if having a lot of issues	1/27/2017 11:15 PM
197	high maintenance on repairs	1/27/2017 10:41 PM
198	Increasing costs affect budgeting	1/27/2017 9:41 PM
199	extensive costs are a factor	1/27/2017 9:30 PM
200	When parts are not available or cost prohibitive	1/27/2017 8:00 PM
201	If not dependable it goes! If it continues to eat budget and man hours it's of no se.	1/27/2017 7:24 PM
202	cost increase	1/27/2017 7:09 PM
203	costs going over \$10,000 annually	1/27/2017 6:57 PM
204	X	1/27/2017 6:36 PM
205	When maintenance costs exceed the replacement cost	1/27/2017 6:21 PM
206	Cost analysis	1/27/2017 6:15 PM
207	Cost of operation	1/27/2017 6:13 PM
208	4.00	1/27/2017 6:08 PM
209	Maintenance isn't that costly because of the limited use the apparatus gets	1/27/2017 5:29 PM
210	Yes	1/27/2017 2:27 PM
211	n/a	1/27/2017 2:13 PM
212	Excessive costs, based on size/type of apparatus	1/27/2017 12:12 PM
213	Not economical to repair	1/26/2017 9:41 PM
214	iff parts start to nickel and dime us , we replace with used.	1/26/2017 7:31 PM
215	Whenever it costs over half the replacement cost	1/26/2017 5:30 PM
216	Important	1/26/2017 2:20 PM
217	Cost vs benefit	1/26/2017 12:23 PM
218	When the cost is more than the truck is worth	1/26/2017 11:45 AM
219	Availability of parts, repeat fixing of mechanical issues	1/26/2017 10:27 AM
220	Cost of every day operations	1/25/2017 10:06 PM
221	Increasing costs very important	1/25/2017 6:24 PM
222	The cost to repair exceeds buying a newer used one	1/25/2017 5:59 PM
223	When it don't run.	1/25/2017 5:31 PM
224	monitor for repeated expenditures	1/25/2017 5:30 PM
225	when maintenance starts to outweigh payments time to replace	1/25/2017 5:19 PM
226	When cost go up it's time to replace	1/25/2017 4:12 PM
227	could influence replacing a unit	1/25/2017 1:17 PM
228	Main reason	1/25/2017 10:48 AM
229	Exceeding budget year to year	1/25/2017 12:04 AM
230	yes	1/24/2017 6:58 PM
231	Yes	1/23/2017 2:55 PM
232	When it cost more to repair than replace	1/23/2017 5:54 AM
233	When the cost exceeds maintenance & it can no longer pass pump test.	1/22/2017 7:56 AM
234	Priority	1/22/2017 2:14 AM
235	If maintenance becomes costly or parts not available	1/21/2017 7:28 PM
236	this	1/20/2017 6:04 PM
237	When cost of maintenance gets too high replacement process begins	1/20/2017 5:14 PM
238	its a factor but not a deal breaker	1/20/2017 1:05 PM
239	<50 % of purchase cost	1/20/2017 9:28 AM
240	maintenance and part availability	1/20/2017 7:50 AM
241	Yes	1/20/2017 5:21 AM
242	usually determines replacement	1/19/2017 9:27 PM
243	When cost outweighs performance	1/19/2017 8:24 PM
244	75% cost of replacement	1/19/2017 7:54 PM
245	second priority	1/19/2017 7:18 PM
246	Annual operational and and maintenance cost	1/19/2017 6:07 PM
247	Can we get our money's worth out of repair cost.	1/19/2017 3:43 PM
248	cost vs repairs	1/19/2017 2:55 PM
249	a factor, but have managed well with our master mechanics to date	1/19/2017 1:23 PM
250	Yearly maintenance vs. payment	1/19/2017 1:05 PM
251	N.a	1/19/2017 11:35 AM
252	monthly review of costs	1/19/2017 9:41 AM
253	When repairs get excessive it is better to replace.	1/19/2017 9:18 AM

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254	10K or more per year	1/19/2017 8:43 AM
255	Minimal	1/19/2017 8:04 AM
256	Cost to maintain/verses cost to replace	1/19/2017 8:03 AM
257	As maintenance increases, so does replacement	1/19/2017 7:37 AM
258	N/a	1/19/2017 6:59 AM
259	If too high	1/19/2017 2:45 AM
260	doesnt matter	1/18/2017 11:41 PM
261	sky rocketing cost of Maintenance	1/18/2017 11:25 PM
262	repeated unscheduled maintenance	1/18/2017 10:19 PM
263	When cost of operations is deemed too excessive, we work on replacements.	1/18/2017 9:26 PM
264	Yes on a curve versus depreciation	1/18/2017 9:18 PM
265	Once the cost exceed the value and it's beyond repair.	1/18/2017 8:53 PM
266	Yes	1/18/2017 8:27 PM
267	Subjective, as evaluated by fleet services	1/18/2017 8:26 PM
268	YES	1/18/2017 8:09 PM
269	20,000	1/18/2017 7:54 PM
270	High maintenance cost = replace soon	1/18/2017 7:21 PM
271	Yes	1/18/2017 7:09 PM
272	strong player	1/18/2017 6:48 PM
273	If a truck is starting to fail it needs replaced if possible.	1/18/2017 6:42 PM
274	high maintenance costs can justify replacement	1/18/2017 6:41 PM
275	More	1/18/2017 6:36 PM
276	yes	1/18/2017 6:32 PM
277	Primary deciding factor	1/18/2017 6:27 PM
278	Some what important	1/18/2017 6:15 PM
279	Main reason when in shop to often	1/18/2017 5:59 PM
280	cost of repairing or replacement	1/18/2017 5:53 PM
281	When maintenance exceeds cost of repairs then to purchase a new apparatus	1/18/2017 5:40 PM
282	Yed	1/18/2017 5:28 PM
283	Cost and time out of service are looked at clesley	1/18/2017 5:20 PM
284	Increasing	1/18/2017 5:18 PM
285	cost over 12 months	1/18/2017 5:10 PM
286	Yes	1/18/2017 5:08 PM
287	Is the cost of maintenance worth the cost of the vehicle to remain in service	1/18/2017 5:02 PM
288	secondary effect	1/18/2017 5:00 PM
289	N/A	1/18/2017 4:58 PM
290	Important	1/18/2017 4:57 PM
291	Not a factor	1/18/2017 4:56 PM
292	Yes	1/18/2017 4:52 PM
293	somewhat	1/18/2017 4:49 PM
294	the cost to fix it	1/18/2017 3:27 PM
295	Important	1/18/2017 3:04 PM
296	Only if costs get "excessive".	1/17/2017 2:36 PM
297	cost to repair verses replacing	1/17/2017 1:41 PM
298	NA	1/17/2017 1:12 PM
299	When annual repair costs become more than apparatus is worth	1/17/2017 8:25 AM
300	Some what	1/17/2017 8:24 AM
301	when cost become a problem	1/17/2017 8:15 AM
302	high cost to fix, replace	1/17/2017 7:57 AM
303	considered once a reserve	1/16/2017 11:47 PM
304	secondary concern	1/16/2017 6:27 PM
305	If costing to much to keep it going time to replace	1/16/2017 6:06 PM
306	cost	1/16/2017 5:43 PM
307	Explore replacement if maintenance is constantly required	1/16/2017 12:48 PM
308	Unk	1/14/2017 10:36 AM
309	Case by case basis	1/14/2017 10:29 AM
310	availability of parts	1/14/2017 8:45 AM
311	This is our biggest factor	1/14/2017 6:37 AM
312	This is very important to look at.	1/13/2017 9:06 PM
313	Important	1/13/2017 4:13 PM
314	fairly high consideration	1/13/2017 10:40 AM

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315	Cost money to own and operate	1/13/2017 10:19 AM
316	Yes	1/13/2017 5:58 AM
317	Evaluated when excessive	1/12/2017 1:18 PM
318	This is important, being that we are a full volunteer company.	1/12/2017 10:56 AM
319	Cost of maintenance become more than \$50,000 a year	1/12/2017 10:54 AM
320	Probably is what generates replacement	1/12/2017 9:51 AM
321	Cost of maintenance is our usual determining factor	1/12/2017 9:37 AM
322	Determine the overall yearly repair/maintenance compared to overall value of the apparatus.	1/12/2017 7:03 AM
323	6	1/12/2017 6:30 AM
324	Yes and ease of parts	1/12/2017 4:54 AM
325	1	1/12/2017 12:39 AM
326	yes	1/11/2017 11:42 PM
327	Cost	1/11/2017 11:01 PM
328	10,000	1/11/2017 10:58 PM
329	Yes	1/11/2017 10:57 PM
330	WHEN COSTS BECOME EXCESSIVE	1/11/2017 10:56 PM
331	Age of our fleet makes parts hard to obtain	1/11/2017 10:48 PM
332	High maintenance cost speed up replacement	1/11/2017 10:37 PM
333	N/a	1/11/2017 10:33 PM
334	availability of parts for older apparatus	1/11/2017 10:00 PM
335	If able to lower cost, that's a good time to buy	1/11/2017 9:42 PM
336	3,000	1/11/2017 9:33 PM
337	High	1/11/2017 9:22 PM
338	Yes parts availability	1/11/2017 8:59 PM
339	With an aging fleet we seem to try replace the "nickel and dime to death units"	1/11/2017 8:39 PM
340	Yes	1/11/2017 8:16 PM
341	Yes	1/11/2017 8:03 PM
342	Second to years, but almost equal	1/11/2017 8:01 PM
343	Exceeds unit appraisal	1/11/2017 7:11 PM
344	When costs are to high worth vs age/value of apparatus.	1/11/2017 6:46 PM
345	Easier to replace than continue to pour money into a losing situation.	1/11/2017 6:41 PM
346	Exceeds the value of the apparatus.	1/11/2017 6:14 PM
347	secondary consideration.	1/11/2017 5:39 PM
348	Some what	1/11/2017 5:38 PM
349	n/a	1/11/2017 5:36 PM
350	They don't care	1/11/2017 5:33 PM
351	when you work on it frequently, time to go	1/11/2017 5:01 PM
352	It is fixed no mater cost	1/11/2017 4:30 PM
353	This can cause us to replace an apparatus sooner than noted above.	1/11/2017 4:11 PM
354	Money put into fixing	1/11/2017 4:00 PM
355	when it starts to get repaired monthly	1/11/2017 3:42 PM
356	if cost of repairs get to high , the vehicle will get replaced	1/11/2017 3:14 PM
357	average yearly and predicted	1/11/2017 2:31 PM
358	Monitor cost and factor with hours and years of service.	1/11/2017 2:07 PM
359	Yes	1/11/2017 2:05 PM
360	NA	1/11/2017 2:04 PM
361	No	1/11/2017 1:38 PM
362	Cost of maintenance usually outweighs age	1/11/2017 1:11 PM
363	cost of maintenance is a concern, but the trucks are needed regardless of the cost.	1/11/2017 1:08 PM
364	When Maintance and repair get out of hand	1/11/2017 12:58 PM
365	new vs old consideration	1/11/2017 12:39 PM
366	Out of service time	1/11/2017 12:19 PM
367	Cost	1/11/2017 12:17 PM
368	N/a	1/11/2017 12:13 PM
369	20,000 year	1/11/2017 12:10 PM
370	N/A	1/11/2017 11:49 AM
371	Yes	1/11/2017 11:35 AM
372	Maint cost vs expected service life	1/11/2017 11:01 AM
373	50%	1/11/2017 10:32 AM
374	15000	1/11/2017 10:21 AM
375	NA	1/11/2017 10:17 AM

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376	Based on monies spent	1/11/2017 10:15 AM
377	Yes	1/11/2017 10:00 AM
378	As cost of repairs rises	1/11/2017 8:52 AM
379	high maintenance over several years	1/11/2017 8:00 AM
380	mainly this.	1/10/2017 11:35 PM
381	Repair costs are more than the truck is worth	1/10/2017 11:21 PM
382	+	1/10/2017 11:03 PM
383	As costs increase we look toward replacement.	1/10/2017 9:21 PM
384	No fixed no. Percentage of cost of replacement.	1/10/2017 8:05 PM
385	Na	1/10/2017 7:52 PM
386	Ranks up there	1/10/2017 7:48 PM
387	Yes	1/10/2017 7:45 PM
388	Excessive maintenance cost	1/10/2017 7:42 PM
389	important	1/10/2017 6:47 PM
390	Another item that is tracked, and considered.	1/10/2017 6:13 PM
391	If it becomes a money pit	1/10/2017 5:57 PM
392	Maintenance cost & vehicle performance.	1/10/2017 5:52 PM
393	if cost make it to expense to operate	1/10/2017 5:44 PM
394	5.00	1/10/2017 5:26 PM
395	cost outweighs benefit	1/10/2017 4:55 PM
396	what is it costing us to keep vehicle	1/10/2017 4:43 PM
397	continuing series of problems	1/10/2017 4:28 PM
398	If maintenance cost are to much.	1/10/2017 3:02 PM
399	Cost of repair vs cost of new apparatus	1/10/2017 2:20 PM
400	yes	1/10/2017 2:15 PM
401	Somewhat of an issue, especially with our tower ladder	1/10/2017 2:12 PM
402	X	1/10/2017 1:57 PM
403	this is the primary factor in determining need for replacement	1/10/2017 1:52 PM
404	Cost to keep running	1/10/2017 1:30 PM
405	Yes	1/10/2017 1:19 PM
406	Major factor	1/10/2017 1:18 PM
407	If maintenance costs become prohibitive apparatus may be purchase earlier as dictated by the Maintenance Department	1/10/2017 12:44 PM
408	N/A	1/10/2017 12:21 PM
409	Yes	1/10/2017 12:09 PM
410	Yes	1/10/2017 12:01 PM
411	This is a big factor. Cannot support spending oney on apparatus that are nickle and dimeing the budget	1/10/2017 12:01 PM
412	Once an apparatus starts spending more time in the shop than in the bay, we start looking at replacement.	1/10/2017 12:01 PM
413	Start to out way cost of new	1/10/2017 11:59 AM
414	Yes	1/10/2017 11:53 AM
415	Tracked by fleet division	1/10/2017 11:52 AM
416	Somewhat	1/10/2017 11:51 AM
417	>50% of apparatus value	1/10/2017 11:32 AM
418	If it becomes too much to fix the truck is retired	1/10/2017 11:29 AM
419	average cost of mailance	1/10/2017 11:24 AM
420	We try to replace when it exceeds 3/4ths the purchase price.	1/10/2017 11:11 AM
421	N/A	1/10/2017 11:10 AM
422	if serious would review	1/10/2017 11:08 AM
423	breaks down frequently. Out of service more than in service.	1/10/2017 10:58 AM
424	When maintenace cost out weigh replacement	1/10/2017 10:56 AM
425	review of costs of maintenance per year	1/10/2017 10:47 AM
426	Starts to nickel and dime	1/10/2017 10:43 AM
427	N/A	1/10/2017 10:36 AM
428	Secondary determination	1/10/2017 10:36 AM
429	Very	1/10/2017 10:31 AM
430	\$5000 per year	1/10/2017 10:30 AM
431	When repairs are too expensive or not feasible a unit is removed. Replacement as budget or grants allow.	1/10/2017 10:20 AM
432	When the cost is more than the truck is worth	1/10/2017 10:14 AM
433	when it starts costing the politicians more only then does the play a major part	1/10/2017 10:13 AM
434	cost of maintenance	1/10/2017 10:09 AM
435	Yes	1/10/2017 10:01 AM

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436	This would alter moving ahead of the 20 year cycle	1/10/2017 10:00 AM
437	Major repairs exceed useful years of remaining service	1/10/2017 10:00 AM
438	No	1/10/2017 9:59 AM
439	Varies	1/10/2017 9:54 AM
440	Older apparatus generally costs more in maintenance.	1/10/2017 9:54 AM
441	possible	1/10/2017 9:49 AM
442	important when a truck has excessive maintenance costs	1/10/2017 9:46 AM
443	cost & down time vs in service	1/10/2017 9:43 AM
444	n/a	1/10/2017 9:42 AM
445	Costs begin to exceed the average of other apparatus	1/10/2017 9:39 AM
446	An inportant factor	1/10/2017 9:38 AM
447	When it exceeds half the purchase cost.	1/10/2017 9:38 AM
448	50000	1/10/2017 9:37 AM
449	increasing	1/10/2017 9:36 AM
450	N/A	1/10/2017 9:30 AM
451	100	1/10/2017 9:28 AM
452	YES	1/10/2017 9:16 AM
453	Mostly by cost of Maintenance	1/10/2017 9:16 AM
454	Cost of maintenance exceeds usefulness of apparatus.	1/10/2017 9:12 AM
455	Cost of new to repairs over time	1/10/2017 9:12 AM
456	Somewhat, but as long as something is repairable we will continue to do it if it make fincial sense	1/10/2017 9:09 AM
457	When it starts to nickel and dime you	1/10/2017 9:09 AM
458	we watch this closely	1/10/2017 9:06 AM
459	This more than anything determines when it is replaced	1/10/2017 9:05 AM
460	When costs become excessive	1/10/2017 9:02 AM
461	Increase in maintenance cost/frequency	1/10/2017 9:02 AM
462	If maintenance is getting too costly	1/10/2017 9:00 AM
463	we track the cost and use the information to determin vehilce use	1/10/2017 8:38 AM
464	top priority	1/10/2017 6:59 AM
465	Yes	1/10/2017 1:41 AM
466	do most maint in county shop	1/9/2017 9:03 PM
467	Very much so	1/9/2017 7:29 PM
468	If we see a spike in repair costs, we may replace early	1/9/2017 7:15 PM
469	When a vehicle is more costly to maintain we replace the vehicle.	1/9/2017 6:23 PM
470	Yes	1/9/2017 9:17 AM
471	Age of apparatus leads to sometimes hard to find parts and cost of labor is ever increasing	1/8/2017 2:43 PM
472	This plays a factor as well	1/8/2017 12:42 PM
473	Yes, when the continued cost of maintenance starts to approach cost of replacement.	1/8/2017 10:56 AM
474	Yes	1/8/2017 9:26 AM
475	When a vehicle starts costing the department more to operate and the parts become difficult to find.	1/8/2017 8:57 AM
476	Usually the driving force	1/8/2017 8:45 AM
477	Once the pump is messed up or it fails an inspection	1/8/2017 6:46 AM
478	Keep a constant eye on cost to maintain	1/6/2017 9:43 PM
479	Drain on budget	1/6/2017 1:27 PM
480	N/A	1/5/2017 8:01 PM
481	65% moves it to the top of replacement list	1/5/2017 3:18 PM
482	High cost items are monitored/ servicing	1/4/2017 4:37 PM
483	if replacement would be cost effective vs. continued repair	1/4/2017 10:39 AM
484	cost and reliability	12/30/2016 11:20 AM
485	don't no	12/23/2016 5:56 AM
486	No general guidelines	12/22/2016 8:27 AM
487	reoccurring repairs	12/22/2016 7:57 AM
488	Has to be over a certain amount to justify not ordering parts	12/22/2016 6:54 AM
489	X	12/21/2016 11:07 PM
490	If the apparatus spends more time in the shop than in service, it's time for a new one.	12/21/2016 10:30 PM
491	\$1,000	12/21/2016 10:00 PM
492	On our older units	12/21/2016 8:02 PM
493	Once it is no longer cost effective to repair	12/21/2016 8:00 PM
494	YES	12/21/2016 7:11 PM
495	Annual maintenance costs	12/21/2016 6:52 PM
496	3000	12/21/2016 4:58 PM

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497	When maintenance begins to outpace cost of a new piece	12/21/2016 2:56 PM
498	Cost	12/21/2016 10:26 AM
499	No	12/21/2016 3:45 AM
500	Cost to repair vs cost to replace	12/20/2016 10:11 PM
501	Repairs cost vs replacement	12/20/2016 9:43 PM
502	yes.....its monitored and factored in to a need for replacement	12/20/2016 8:19 PM
503	N/A	12/20/2016 7:12 PM
504	When it gets too high	12/20/2016 7:02 PM
505	Greater than 20000	12/20/2016 6:57 PM
506	0	12/20/2016 6:54 PM
507	If the maintenance keeps becoming costly	12/20/2016 6:53 PM
508	Annual increases	12/20/2016 6:51 PM
#	Other	Date
1	When it no longer works	2/27/2017 11:02 AM
2	General condition or the apparatus	2/24/2017 10:27 PM
3	Currently our replacement of apparatus is on hold in order to finish paying off a new station. Typically we run on a 15-20yr policy	2/24/2017 8:28 AM
4	Damaged or no longer feasible to repair.	2/23/2017 8:48 PM
5	funds available	2/23/2017 7:34 PM
6	Unfortunately due to a lack of leadership from our chief and lack of foresight from the governing board we don't have a replacement process or qualifications.	2/23/2017 5:56 PM
7	When we can afford it	2/23/2017 5:47 PM
8	when money is fond	2/23/2017 5:38 PM
9	Fleet Management Software 15 FMS points	2/23/2017 1:27 PM
10	Na	2/23/2017 12:23 PM
11	We assess our current and future needs, then determine how well the current apparatus meets those needs.	2/20/2017 1:35 PM
12	Cost is the most important	2/19/2017 9:56 PM
13	age	2/19/2017 6:42 AM
14	Unfixable	2/18/2017 4:34 AM
15	Unknown	2/17/2017 9:35 PM
16	depends on what it is	2/16/2017 10:26 PM
17	If ot costs more to repair than to replace	2/16/2017 4:52 PM
18	When it breaks down it is time to go	2/16/2017 10:52 AM
19	We currently have 3 engines that are 30 plus years old and there stjll in very good working order. with proper maintainance and firefighters that have pride in there equipment. also we have 2 new engines and 2 new areials.	2/16/2017 10:51 AM
20	When cost exceeds value of vehicle	2/16/2017 10:27 AM
21	obsolete, unsafe, no longer meeting needs.	2/16/2017 10:25 AM
22	Maintenance cost, mileage, service ability	2/16/2017 9:27 AM
23	Modernizing & dependability	2/16/2017 9:20 AM
24	No set "indicators" but more a combination of the above	2/16/2017 9:11 AM
25	N/A	2/16/2017 8:56 AM
26	When the commission allows it	2/16/2017 8:55 AM
27	When its down for repair more than in service	2/16/2017 8:48 AM
28	A matrix that combines all of these factors. Follows the APWA.	2/16/2017 8:43 AM
29	WHEN COST OF SERVICE OUT PREFORMS THE USEFULLNESS	2/13/2017 12:58 PM
30	ability to replace oldest apparatus with new ones	2/12/2017 10:42 AM
31	BECOMING INDEPENDABLE	2/11/2017 9:25 AM
32	We fix and fix it	2/10/2017 7:37 PM
33	Overall shape	2/9/2017 8:44 PM
34	want to of fire chief	2/9/2017 6:39 PM
35	Technology	2/9/2017 4:08 PM
36	Usually when it's broke and can't be fixed	2/9/2017 3:55 PM
37	Rating Scale of all the above. We still have to good through our local elected Officials to plead our case	2/9/2017 1:58 PM
38	When it no longer able to be fixed and has to be retired.	2/9/2017 1:29 PM
39	When it breaks	2/9/2017 10:55 AM
40	N/A	2/9/2017 10:49 AM
41	Parts and service availability	2/9/2017 10:11 AM
42	na	2/9/2017 9:55 AM
43	Legal limits	2/9/2017 9:51 AM
44	Use. We have an older platform that has low mileage and engine hours that we chose to refurbish over replacing the unit	2/8/2017 10:01 PM
45	It is a combination of years in service, cost of maintenance and miles altogether.	2/8/2017 8:29 PM

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46	servicability, use and mileage	2/8/2017 8:28 PM
47	Function and reliability.	2/8/2017 7:32 PM
48	reliability	2/8/2017 6:54 PM
49	When they feel	2/8/2017 6:54 PM
50	no	2/8/2017 6:52 PM
51	Others as needed	2/8/2017 6:40 PM
52	When the cost to operate the apparatus is more than it's value.	2/8/2017 6:30 PM
53	combination, age, cost, replacement parts, & grants	2/8/2017 5:22 PM
54	0	2/8/2017 4:57 PM
55	repeated problems with chassis ,	2/8/2017 4:44 PM
56	If we get budget approval	2/8/2017 4:33 PM
57	Reliability	2/8/2017 4:12 PM
58	we usually run until we cannot get repaired	2/8/2017 4:05 PM
59	Leak	2/8/2017 3:54 PM
60	N/A	2/8/2017 3:40 PM
61	Wear	2/8/2017 3:38 PM
62	k	2/8/2017 3:28 PM
63	When it is not fixable anymore	2/8/2017 3:21 PM
64	We acquire a replacement	2/8/2017 3:21 PM
65	Budget ability	2/8/2017 3:14 PM
66	When the unit costs more to maintain than replacing it	2/8/2017 3:05 PM
67	general wear and tear on equipment	2/8/2017 2:44 PM
68	Time out of service for repairs, unit becoming unsafe	2/8/2017 2:35 PM
69	CONDITION OF APPERATUS	2/8/2017 2:31 PM
70	condition of the apparatus	2/8/2017 2:29 PM
71	utility and grass truck 15 yr or condition of body / maint. cost	2/8/2017 2:25 PM
72	repair needs	2/8/2017 2:23 PM
73	No longer serviceable	2/8/2017 2:22 PM
74	Combination of factors	2/8/2017 2:21 PM
75	we consider all areas together, with maintenance and years as being the deciding factors	2/8/2017 2:21 PM
76	Failure of apparatus	2/8/2017 2:16 PM
77	We use a combination of the above to determine the overall condition of the apparatus to be replaced	2/8/2017 2:11 PM
78	Failure or damage	2/8/2017 2:11 PM
79	Being able to convince city government that the vehicle is unsafe and costs of upkeep are beginning to be uncontrollable.	2/8/2017 2:09 PM
80	Availability of parts	2/8/2017 2:07 PM
81	?	2/8/2017 2:06 PM
82	1	2/8/2017 2:05 PM
83	Central garage has a formula	2/8/2017 2:05 PM
84	Overall budget available and weighing necessary options	2/7/2017 10:26 PM
85	none	2/7/2017 6:42 PM
86	Non NFPA compliant	2/6/2017 6:45 PM
87	Working on a plan	2/6/2017 3:10 PM
88	As needed	2/6/2017 1:14 PM
89	Based on a 20 year cycle unless require early replacement	2/6/2017 1:09 PM
90	Point system	2/6/2017 12:16 AM
91	when they get to old to fix	2/4/2017 7:41 PM
92	Cost of current repair	2/4/2017 4:11 AM
93	Regularly scheduled purchases	2/3/2017 10:42 PM
94	unknown	2/3/2017 5:25 PM
95	shape the equipment is in	2/3/2017 3:20 PM
96	Overall condition & function	2/3/2017 9:14 AM
97	Combination of above items	2/3/2017 8:18 AM
98	purpose built or special	2/2/2017 2:31 PM
99	As needed	2/2/2017 11:48 AM
100	To old to replace parts	2/2/2017 9:50 AM
101	Change in mission, condition of apparatus	2/2/2017 6:36 AM
102	Safety when they become to dangerous to operate	2/1/2017 8:14 PM
103	Overall condition of the apparatus	2/1/2017 3:39 PM
104	n/a	2/1/2017 3:27 PM
105	No	1/31/2017 11:42 AM

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106	Age and out lived it's usefulness pump to small engine to small.	1/31/2017 11:08 AM
107	No longer up to ISO needs, inability to get parts	1/31/2017 9:43 AM
108	N/a	1/30/2017 6:34 PM
109	Years, mileage, repaired, safety	1/30/2017 2:39 PM
110	obseleceence	1/30/2017 12:40 PM
111	Overall condition of apparatus	1/30/2017 8:15 AM
112	replace when needed	1/29/2017 5:21 PM
113	none	1/29/2017 12:00 PM
114	When it is worn out beyond repair	1/28/2017 3:03 PM
115	Availability of financeing	1/28/2017 1:36 PM
116	as budget allows	1/28/2017 12:59 PM
117	increased maintenance requirements	1/28/2017 12:11 PM
118	We are a rural volunteer department with a low call frequency	1/28/2017 9:58 AM
119	reliability	1/28/2017 7:23 AM
120	Wear and tear of vehicle components	1/28/2017 3:31 AM
121	No longer performs its function	1/27/2017 10:31 PM
122	Age	1/27/2017 9:00 PM
123	after current vehicle is paid off	1/27/2017 8:31 PM
124	All of the above factors are considered as well as the trucks overall condition and func	1/27/2017 8:16 PM
125	Just recently started replacement plan. Once a truck gets paid off, we purchase the next one in line. It is performance and maintenance based.	1/27/2017 8:03 PM
126	Roadworthiness/ ability to pass inspection & testing	1/27/2017 7:40 PM
127	Must be simple, durable, and multiple uses.	1/27/2017 7:24 PM
128	State regulations	1/27/2017 7:10 PM
129	Scoring system	1/27/2017 7:08 PM
130	Case by case basis-Fitness for duty	1/27/2017 6:57 PM
131	safety features out of date	1/27/2017 6:57 PM
132	Needs of the dept	1/27/2017 6:29 PM
133	We look at all the above. Age and maintenance cost are at the top	1/27/2017 6:19 PM
134	Many factors	1/27/2017 6:17 PM
135	Available parts	1/27/2017 6:13 PM
136	na	1/27/2017 6:08 PM
137	Usually when one quits working	1/27/2017 6:06 PM
138	When we can afford, or get a new grant	1/27/2017 6:06 PM
139	Wear and tear.	1/27/2017 5:29 PM
140	not sure	1/27/2017 1:55 PM
141	N/a	1/26/2017 12:23 PM
142	Cost of replacement apparatus	1/26/2017 10:27 AM
143	Receive County assistance every 8 years	1/25/2017 11:27 PM
144	On as funding is available	1/25/2017 6:46 PM
145	when we can afford to upgrade	1/25/2017 5:03 PM
146	Local Bond Approval	1/25/2017 12:41 PM
147	general reliability and capability to mission	1/25/2017 12:04 AM
148	Condition and reliability	1/23/2017 1:36 PM
149	use untill useless	1/22/2017 8:35 PM
150	Attempt 15 year cycle front line to second line due to budget have been unable to accomplish this	1/21/2017 6:06 PM
151	All above items are considered	1/21/2017 4:15 PM
152	Need	1/21/2017 1:07 PM
153	We weigh the age/ability of the apparatus against the massive growth in our first due area to determine it's level of effectiveness going forward.	1/20/2017 7:04 AM
154	our budget is to small to buy new equipment	1/19/2017 2:35 PM
155	a combination of the items listed above and other factors	1/19/2017 1:53 PM
156	when money is ready to purchahse	1/19/2017 1:46 PM
157	When ready to up grade	1/19/2017 11:54 AM
158	No real apparatus replacement plan	1/19/2017 8:51 AM
159	Our city has a depreciation fund for all vehicles	1/19/2017 8:29 AM
160	Determine market value, repair bills and vehicle age	1/19/2017 8:18 AM
161	all are factors. we have a truck fund and when we are done paying for one we buy a new one.	1/19/2017 8:14 AM
162	No	1/19/2017 8:04 AM
163	Quit working	1/19/2017 6:59 AM
164	Based on maintenance cost and age	1/19/2017 6:47 AM
165	General wear on components	1/19/2017 6:09 AM

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166	When we work on it more than we use it.	1/18/2017 11:53 PM
167	NA	1/18/2017 11:41 PM
168	AFG Grant approval	1/18/2017 11:25 PM
169	As repairs increase.	1/18/2017 9:43 PM
170	budget	1/18/2017 9:40 PM
171	When they can no longer repair	1/18/2017 9:29 PM
172	servicable or not	1/18/2017 9:16 PM
173	Performance	1/18/2017 8:39 PM
174	OVERALL CONDITIOIN	1/18/2017 8:09 PM
175	When the town allows us	1/18/2017 8:06 PM
176	No plan	1/18/2017 7:41 PM
177	Not sure	1/18/2017 7:01 PM
178	When it finally gets approved on budget	1/18/2017 6:54 PM
179	We cannot replace anything at this time	1/18/2017 6:52 PM
180	Safety	1/18/2017 6:48 PM
181	When we can sell and flip for new at minimal cost	1/18/2017 6:16 PM
182	When it worn out.	1/18/2017 5:47 PM
183	Evaluation of cost of Maint, age and ability to replace	1/18/2017 5:36 PM
184	N/A	1/18/2017 5:28 PM
185	All of the above	1/18/2017 5:20 PM
186	no plan in place	1/18/2017 5:10 PM
187	When there is money available	1/18/2017 5:04 PM
188	When we have secured funding	1/18/2017 4:58 PM
189	We try to replace apparatus before it becomes unservicable. We use the Texas Forestry grants to purchase new apparatus	1/18/2017 4:52 PM
190	N/A	1/18/2017 4:52 PM
191	When the dept can afford to upgrade	1/18/2017 1:13 PM
192	Currently we don't have a plan in place	1/18/2017 11:32 AM
193	not sure	1/18/2017 10:23 AM
194	oldest/wort condition next	1/17/2017 6:37 PM
195	N/A	1/17/2017 4:01 PM
196	Pretty much falls apart	1/17/2017 1:35 PM
197	Overall condition of apparatus	1/17/2017 8:24 AM
198	when we can't fix it anymore.	1/17/2017 8:15 AM
199	finding replacment parts	1/16/2017 5:43 PM
200	but we dont follow it.	1/14/2017 7:23 PM
201	It all applies, but in different ways	1/14/2017 1:40 PM
202	reliability	1/14/2017 1:09 PM
203	Accident	1/14/2017 12:34 PM
204	Won't start or parts not available	1/14/2017 10:36 AM
205	None	1/14/2017 9:38 AM
206	When it's worn out	1/14/2017 8:58 AM
207	If it gets to where we have to work on it to go to a fire call we will replace it	1/14/2017 8:30 AM
208	When maintenance costs out weigh replacement cost	1/14/2017 3:09 AM
209	We tend to run apparatus until it is wore out	1/14/2017 3:07 AM
210	When it cannot be fixed anymore	1/13/2017 2:45 PM
211	reliability as long as it is reliable it is not up for replacement	1/13/2017 11:38 AM
212	if it is filling a roll or better yet, multiple roles/uses	1/13/2017 10:40 AM
213	When it is beyond repair	1/12/2017 2:14 PM
214	Used vehicles available with same gov't body	1/12/2017 1:18 PM
215	We try to replace them at 15 years or so	1/12/2017 11:59 AM
216	We have a replacement plan designed around vehicle age, but is modified as needed by using cost of maintenance, and the budget situation at the time.	1/12/2017 11:40 AM
217	No comment.	1/12/2017 10:56 AM
218	If we can afford to replace it, cost, grants, loans	1/12/2017 10:38 AM
219	How much is spent annually and how much out of service time has the unit cost us.	1/12/2017 7:03 AM
220	6	1/12/2017 6:30 AM
221	Grants and funding	1/12/2017 4:36 AM
222	Usually when cost of repairs/maintenance exceed value of the unit	1/12/2017 1:50 AM
223	1	1/12/2017 12:39 AM
224	When it quits	1/12/2017 12:20 AM
225	no	1/11/2017 11:42 PM

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226	Because of budget, we have to run equipment as long as it's safe to use.	1/11/2017 11:26 PM
227	Reliability as we have little or no mutual aid available so our apparatus must perform every time	1/11/2017 10:48 PM
228	When cost to maintain become a regular topic of discussion	1/11/2017 10:32 PM
229	When the repairs outweigh the life of the vehicle	1/11/2017 10:09 PM
230	Reliability	1/11/2017 10:05 PM
231	Improved ISO ratings	1/11/2017 9:42 PM
232	O	1/11/2017 9:22 PM
233	Combination of all of the above	1/11/2017 9:18 PM
234	When no longer reliable and economical	1/11/2017 8:33 PM
235	As money's made available	1/11/2017 8:15 PM
236	Dependability of it. Have a 1996 pumper in operation still	1/11/2017 8:14 PM
237	Age of Vehicle	1/11/2017 7:53 PM
238	Cost of maintenance	1/11/2017 6:26 PM
239	As able to with our budget and funds.	1/11/2017 6:17 PM
240	Vehicle safety number one consideration	1/11/2017 5:39 PM
241	n/a	1/11/2017 5:36 PM
242	They buy whatever a certain dealership is selling	1/11/2017 5:33 PM
243	Use and age	1/11/2017 3:51 PM
244	need for replacement	1/11/2017 3:42 PM
245	20 years of service it is replaced	1/11/2017 3:26 PM
246	NA	1/11/2017 2:04 PM
247	No	1/11/2017 1:38 PM
248	Community needs.	1/11/2017 1:11 PM
249	NFPA guidelines.	1/11/2017 12:54 PM
250	Pure dumb luck	1/11/2017 12:52 PM
251	We are Town funded through taxes. The Town has never adopted a "replacement plan" as we have suggested/requested for decades.	1/11/2017 11:49 AM
252	Unsure	1/11/2017 11:37 AM
253	No	1/11/2017 11:35 AM
254	Reliability	1/11/2017 11:18 AM
255	NA	1/11/2017 10:17 AM
256	A combination of years of service, maintenance costs, time out of service and availability of funding	1/11/2017 10:15 AM
257	N/A	1/11/2017 7:05 AM
258	failure	1/10/2017 11:31 PM
259	Cost of up keep	1/10/2017 10:17 PM
260	when it quits running and part are not available	1/10/2017 10:13 PM
261	When it dies	1/10/2017 9:27 PM
262	Parts availability. We own 3 ALF apparatus and have difficulty finding parts.	1/10/2017 9:21 PM
263	Can we afford to buy a new apparatus.	1/10/2017 9:05 PM
264	Ability to have vehicle repaired. Run them till they are worn out	1/10/2017 9:03 PM
265	Na	1/10/2017 7:52 PM
266	Functionality	1/10/2017 7:48 PM
267	na	1/10/2017 5:26 PM
268	No fromal process or benchmarks	1/10/2017 3:27 PM
269	Age between 10 and 15 years for fire, and EMS 2 or 3 years old	1/10/2017 3:25 PM
270	none	1/10/2017 3:14 PM
271	parts availability for older units may have a factor in early replacement oems going out of business	1/10/2017 3:11 PM
272	Money to purchase	1/10/2017 3:05 PM
273	Maintenance tech's gut feeling	1/10/2017 2:45 PM
274	WHEN MONEY IS FOUND	1/10/2017 2:43 PM
275	When we have the money	1/10/2017 2:41 PM
276	Space and use within our ever changing rolls have, in the past, dictated and apparatus change, IE: Heavy Rescue.	1/10/2017 2:12 PM
277	when we have funds available	1/10/2017 2:03 PM
278	Need changes over time	1/10/2017 1:18 PM
279	oldest apparatus is next out of the door	1/10/2017 12:23 PM
280	When need	1/10/2017 12:09 PM
281	safety	1/10/2017 12:08 PM
282	Overall wear and tear	1/10/2017 12:01 PM
283	NFPA Compliant, Safety Systems, Technology	1/10/2017 11:53 AM
284	Tracked by fleet division / considers major expense	1/10/2017 11:52 AM
285	We will usually run a truck into the ground before replacement	1/10/2017 11:29 AM

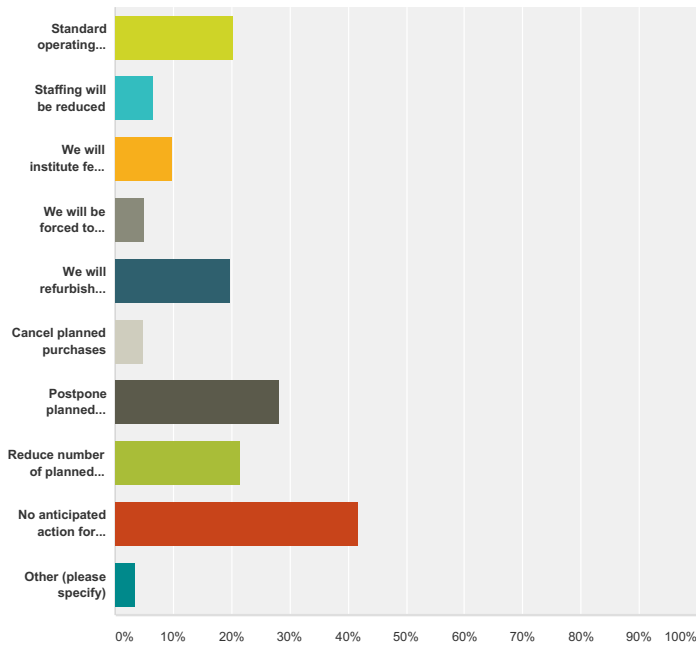
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286	overall safety and reliability of apparatus being evaluated	1/10/2017 11:24 AM
287	too much maintenance for value	1/10/2017 11:15 AM
288	inability to gain parts.	1/10/2017 10:58 AM
289	When our council will approved	1/10/2017 10:56 AM
290	reliability - number of hours vehicle out of service	1/10/2017 10:47 AM
291	We have a very limited budget so we typically try for grants. Other than that we have had to buy a lot of older used	1/10/2017 10:42 AM
292	N/A	1/10/2017 10:36 AM
293	Na	1/10/2017 10:31 AM
294	Most are replaced on a standard replacement schedule, regardless of miles, years in service, or hours. Some exceptions would be made for apparatus that are having significant mechanical problems.	1/10/2017 10:29 AM
295	safety issues and reliability start being a concern	1/10/2017 10:28 AM
296	Parts availability	1/10/2017 10:26 AM
297	wear and tear costs	1/10/2017 10:05 AM
298	Use a point system	1/10/2017 10:04 AM
299	If in good working order, may delay beyond 20 year cycle	1/10/2017 10:00 AM
300	Current state of condition	1/10/2017 9:56 AM
301	5 years front line and then 10 years reserve	1/10/2017 9:23 AM
302	What shape the equipment is in	1/10/2017 9:19 AM
303	combination, age, cost, replacement parts, & grants	1/10/2017 9:16 AM
304	Cost of operation analysis	1/10/2017 9:14 AM
305	Once they break we replace them	1/10/2017 9:13 AM
306	We are constantly looking to have multipurpose vehicles, and will continue to evaluate what equipment is needed. No longer replacing something because we have had it in the past.	1/10/2017 9:09 AM
307	We have apparatus 40 years old but in good working order. We determine replacement on whether we find a great deal on something used and if it will fill the needs of what is going to be replaced.	1/10/2017 9:09 AM
308	working toward adding in the other items listed to reduce overall life of the truck in the department.	1/10/2017 9:07 AM
309	All of the above, dependability, years of service	1/10/2017 9:06 AM
310	All of the above	1/10/2017 9:02 AM
311	Reliability in question	1/10/2017 9:00 AM
312	Volunteer Fire Dept we use them till they wear out	1/10/2017 8:59 AM
313	With the PD, combination of maintenance cost and years in service	1/10/2017 8:23 AM
314	safety	1/10/2017 6:59 AM
315	Can afford to replace	1/8/2017 11:51 AM
316	When the village feels like it.	1/8/2017 8:57 AM
317	Safety. Availability to obtain parts	1/6/2017 1:27 PM
318	N/A	1/5/2017 8:01 PM
319	Mostly we follow a replacement schedule	1/4/2017 12:26 PM
320	When Town Council can be convinced.	12/22/2016 6:00 PM
321	AN APPARATUS CHANGES DUE TO THE TYPE OF ENVIRONMENT WE LIVE IN. MORE WUI.	12/22/2016 12:03 AM
322	when it is out of service more than it is in service.	12/21/2016 8:34 PM
323	N/A	12/21/2016 7:11 PM
324	Non-repairable	12/21/2016 5:45 PM
325	When they die	12/21/2016 9:17 AM
326	N/A	12/20/2016 7:12 PM
327	None	12/20/2016 6:59 PM
328	0	12/20/2016 6:54 PM
329	When funds available	12/20/2016 6:45 PM
330	When it can no longer be maintained safely	12/20/2016 6:42 PM
331	It's a small department and replacement is more on immediate need and available funds rather than a replacement schedule.	12/19/2016 4:22 PM
332	ISO requirements	12/18/2016 3:12 PM

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Q15 Do you expect to take any of the following actions due to current economic conditions? (Check all that apply.)

Answered: 1,363 Skipped: 279



Answer Choices	Responses
Standard operating procedures will change	20.25% 276
Staffing will be reduced	6.68% 91
We will institute fees for services	9.90% 135
We will be forced to acquire non-NFPA compliant apparatus	4.92% 67
We will refurbish existing apparatus rather than purchase it new	19.74% 269
Cancel planned purchases	4.84% 66
Postpone planned purchases	28.17% 384
Reduce number of planned purchases	21.57% 294
No anticipated action for economic conditions	41.82% 570
Other (please specify)	3.45% 47
Total Respondents: 1,363	

#	Other (please specify)	Date
1	unsure	2/24/2017 8:51 AM
2	The economy is actually not too bad right now. We actually already postponed the purchase of a truck for the past three years.	2/19/2017 9:57 PM
3	Work on more staffing	2/19/2017 6:01 PM
4	As a volunteer fire department who's funding is 90% donations. We stretch the length of service as long as possible. As such planned purchase, refurbishments and other large expenses are typically unforeseen and done to be reactive rather than proactive.	2/17/2017 3:11 PM
5	We have such a limited budget as is that specific purchases are years in the making	2/16/2017 4:54 PM
6	I	2/16/2017 9:40 AM
7	Combine two smaller (brush and utility) into one vehicle	2/16/2017 9:32 AM
8	Replacing 2 apparatus with 1. Combining a Rescue and Pumper.	2/9/2017 8:06 PM
9	hope to set aside some funds for future purchases	2/9/2017 7:53 AM
10	replace one tanker and one pumper with a dual role apparatus	2/8/2017 10:09 PM
11	Purchase less equipment and smaller training budget	2/8/2017 4:34 PM
12	Two to be replaced by one	2/1/2017 10:26 PM
13	Spec our own and build wildland	1/31/2017 11:44 AM
14	We are at tax payer's mercy.	1/31/2017 11:12 AM
15	Utilize grants for major purchases	1/28/2017 12:50 AM
16	8	1/27/2017 6:16 PM

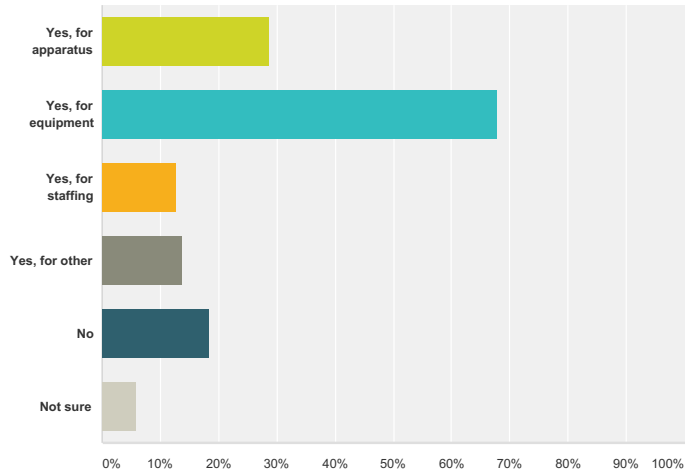
2017 FAMA Industry Outlook Survey

17	Look at used apparatus	1/27/2017 6:15 PM
18	Combination apparatus	1/25/2017 9:01 PM
19	Apply for grants for apparatus	1/22/2017 8:00 AM
20	Economic conditions are always poor, not expecting any change.	1/18/2017 11:58 PM
21	I	1/18/2017 9:50 PM
22	Planning on implementing a Fire-Based EMS program.	1/18/2017 8:56 PM
23	unsure	1/18/2017 6:33 PM
24	Refurbishment is to rebuild a reserve fleet and placement in slow companies.	1/16/2017 11:49 PM
25	Reduce our fleet	1/13/2017 6:00 AM
26	because the tax levy income is so small, we operate on a day to day bases. Total income for 2016 less than \$8,000.00 Tax levy was \$2300.00	1/11/2017 11:32 PM
27	Apply for grant funding to offset budget reductions	1/11/2017 10:49 PM
28	Current fleet old and must be replaced	1/11/2017 8:18 PM
29	The economy will be better under a Trump Administration.	1/11/2017 1:39 PM
30	Replace chassis only	1/11/2017 11:21 AM
31	Reduce equipment purchases	1/11/2017 10:18 AM
32	cut cost where we can	1/10/2017 10:16 PM
33	.	1/10/2017 3:06 PM
34	Replace an engine and a tanker with one pumper /tanker	1/10/2017 12:25 PM
35	Right now our economic position is extremely stable due to our planning for economic future	1/10/2017 12:23 PM
36	We currently charge an annual fee for services. We are in the middle of trying to become a fire protection district or taxing body.	1/10/2017 12:04 PM
37	attempt to pursue all other avenues of funding for needed equipment/apparatus	1/10/2017 11:32 AM
38	our budget has been decreased this year and expect that to continue	1/10/2017 10:58 AM
39	Will have to purchase a second-hand apparatus	1/10/2017 9:37 AM
40	We just did away with amb transport and have a contract with a private company	1/10/2017 9:34 AM
41	Replacing salt damaged frames	1/10/2017 9:05 AM
42	May do a glider on one engine instead of replacement.	1/6/2017 1:29 PM
43	we will continue shopping on the used market	12/22/2016 1:58 AM
44	Does not apply	12/21/2016 6:04 PM
45	T	12/20/2016 7:03 PM
46	NJ	12/20/2016 7:03 PM
47	Nothing right now	12/18/2016 3:14 PM

2017 FAMA Industry Outlook Survey

Q16 Has your department applied for a grant during the last two years? (Select all that apply.)

Answered: 1,363 Skipped: 279

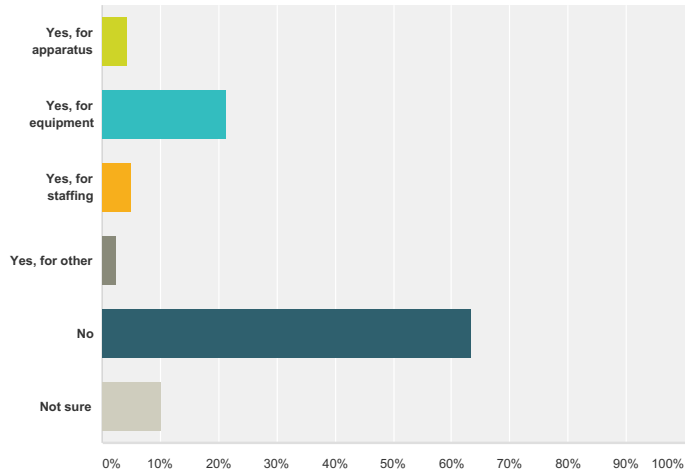


Answer Choices	Responses
Yes, for apparatus	28.76% 392
Yes, for equipment	67.79% 924
Yes, for staffing	12.69% 173
Yes, for other	13.87% 189
No	18.27% 249
Not sure	5.80% 79
Total Respondents: 1,363	

2017 FAMA Industry Outlook Survey

Q17 Has your department received an AFG or SAFER grant during the last two years? (Select all that apply.)

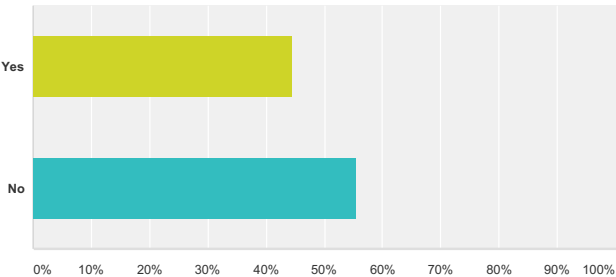
Answered: 1,363 Skipped: 279



Answer Choices	Responses	
Yes, for apparatus	4.33%	59
Yes, for equipment	21.35%	291
Yes, for staffing	4.99%	68
Yes, for other	2.57%	35
No	63.46%	865
Not sure	10.27%	140
Total Respondents: 1,363		

Q18 Has your department received a grant other than an AFG or SAFER grant?

Answered: 1,363 Skipped: 279



Answer Choices	Responses	
Yes	44.39%	605
No	55.61%	758
Total		1,363

2017 FAMA Industry Outlook Survey

Q19 Please provide name of the grant and the dollar amount your department was awarded.

Answered: 570 Skipped: 1,072

Answer Choices	Responses
If known, what is the specific grant name?	91.23% 520
\$ Amount of Grant	91.93% 524

#	If known, what is the specific grant name?	Date
1	Local level grants	2/27/2017 4:47 PM
2	AFG	2/27/2017 11:50 AM
3	PA state grant	2/27/2017 11:03 AM
4	radios	2/25/2017 7:13 PM
5	iPads for truck	2/24/2017 10:28 PM
6	Medic one grant	2/24/2017 7:38 PM
7	Unknown	2/24/2017 3:09 PM
8	Radio Grant	2/24/2017 8:29 AM
9	Forrestry Service	2/24/2017 8:02 AM
10	DEC NEW YORK STATE	2/24/2017 5:25 AM
11	NYS DEC Wildland Grant	2/23/2017 11:21 PM
12	forrestry grant	2/23/2017 9:23 PM
13	CDBG	2/23/2017 8:35 PM
14	AFG	2/23/2017 7:21 PM
15	USAR & HazMat Equipment	2/23/2017 6:58 PM
16	AFG 2007	2/23/2017 6:56 PM
17	Homeland Security	2/23/2017 6:16 PM
18	Fire House Subs	2/23/2017 3:24 PM
19	Aed	2/23/2017 2:18 PM
20	Texas Forestry Service Volunteer assistance Program	2/23/2017 12:36 PM
21	unknown	2/23/2017 12:24 PM
22	Numerous	2/23/2017 12:24 PM
23	State Fire Service Grant	2/21/2017 6:38 PM
24	AFG, county wide communications	2/21/2017 9:22 AM
25	Firehouse subs	2/20/2017 12:45 PM
26	PA State Fire Comm.	2/19/2017 9:48 AM
27	Pa State Grants	2/18/2017 8:17 PM
28	NY Dec grant	2/18/2017 1:48 PM
29	VFA/ODF Oregon	2/18/2017 12:48 PM
30	Unknown obama FEMA fire house grant	2/17/2017 9:37 PM
31	Pennsylvania Assistance to Fire Fighters Grant	2/17/2017 3:11 PM
32	state of PA grants for fire & EMS	2/17/2017 9:03 AM
33	Safer	2/16/2017 5:58 PM
34	Pa state fire commissioner	2/16/2017 4:54 PM
35	BWC Grant	2/16/2017 4:48 PM
36	\$350,000.00	2/16/2017 1:34 PM
37	members item grant	2/16/2017 12:13 PM
38	State of Michigan DNR	2/16/2017 11:57 AM
39	AFG MULTI AGENCY	2/16/2017 11:53 AM
40	Unknown	2/16/2017 10:56 AM
41	unknown	2/16/2017 10:53 AM
42	NYS Dec	2/16/2017 10:49 AM
43	Texas Forest Service	2/16/2017 10:42 AM
44	VFA, Heath and Safety, RETAC (both colorado state grants)	2/16/2017 10:27 AM
45	CREATE	2/16/2017 10:08 AM
46	AFG	2/16/2017 9:34 AM
47	n/a	2/16/2017 9:33 AM
48	Illinois fire marshal small equipment grant	2/16/2017 9:32 AM
49	Fema Grant	2/16/2017 9:29 AM
50	Air packs	2/16/2017 9:25 AM

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51	Frostery	2/16/2017 9:20 AM
52	State VFA	2/16/2017 9:00 AM
53	unknown	2/16/2017 8:56 AM
54	Oklahoma Forestry Service - Operational Grant	2/16/2017 8:52 AM
55	NYS GRANT	2/15/2017 5:39 PM
56	Firehouse Subs, Local health Care, CIVMIC Insurance,	2/14/2017 4:19 PM
57	Multiple (WalMart, BGE, WaWa, State)	2/14/2017 1:39 PM
58	Dubois County Community Foundation	2/12/2017 7:24 PM
59	Az DEQ has mat equipment	2/12/2017 3:57 PM
60	Corporate grant from local business	2/11/2017 8:51 AM
61	s.c. frostery grant	2/10/2017 2:41 PM
62	Emergency Providers Fund	2/10/2017 2:01 PM
63	afg	2/10/2017 8:37 AM
64	State Wildland Grant	2/9/2017 11:10 PM
65	Unknown name. Used to purchased smoke alarms.	2/9/2017 8:46 PM
66	MT DOT EMS Grant	2/9/2017 4:10 PM
67	Pennsylvania Fire Services Grant	2/9/2017 3:26 PM
68	WV Governors community participation grant	2/9/2017 2:53 PM
69	AFG grant	2/9/2017 2:26 PM
70	local Community Foundation	2/9/2017 1:30 PM
71	Safer	2/9/2017 11:38 AM
72	Ohio State EMS Grant	2/9/2017 10:51 AM
73	local NGO	2/9/2017 10:24 AM
74	Unknown	2/9/2017 10:12 AM
75	Port Security	2/9/2017 9:17 AM
76	AFG	2/9/2017 9:17 AM
77	state fire and rescue grants	2/9/2017 7:53 AM
78	AFG	2/9/2017 12:57 AM
79	State SIPSE grant	2/8/2017 11:55 PM
80	Wisconsin DNR	2/8/2017 10:09 PM
81	State Farm community grant	2/8/2017 10:02 PM
82	Pennsylvania Volunteer Fire and Ambulance Grant	2/8/2017 8:53 PM
83	Pa state fire	2/8/2017 8:28 PM
84	North Carolina volunteer rescue grant	2/8/2017 8:19 PM
85	Homeland Security	2/8/2017 7:33 PM
86	Wildland mutual aid grant through DNR	2/8/2017 7:23 PM
87	Safer	2/8/2017 6:55 PM
88	pennsylvania state fire grant	2/8/2017 6:53 PM
89	Texas Forest Service Grant, Brush Truck	2/8/2017 6:41 PM
90	State Fire Marshal's Equipment and Training Grants	2/8/2017 6:32 PM
91	EMS	2/8/2017 6:30 PM
92	HRSA Health Delivery Grant	2/8/2017 6:21 PM
93	Summer Student	2/8/2017 6:19 PM
94	Pa state grant	2/8/2017 5:44 PM
95	Defatur County Foundation	2/8/2017 5:42 PM
96	Mo. Conservation/ Ste. Genevieve Community Grant	2/8/2017 5:24 PM
97	SCBA	2/8/2017 5:20 PM
98	AFG, for equipment.	2/8/2017 5:20 PM
99	Naugatuck Community Fund	2/8/2017 5:15 PM
100	AFG 13 years ago for SCBA	2/8/2017 5:11 PM
101	Texas Forest Service	2/8/2017 4:44 PM
102	Douglas County Community Foundation	2/8/2017 4:29 PM
103	DNR Grant	2/8/2017 4:24 PM
104	FAA Airport Improvement Grant	2/8/2017 4:08 PM
105	state grant	2/8/2017 4:06 PM
106	NYS Forestry	2/8/2017 3:59 PM
107	Unknown	2/8/2017 3:58 PM
108	unknown	2/8/2017 3:49 PM
109	NYS Member item funding	2/8/2017 3:46 PM
110	? - to build interior & equip mobile command unit trailer	2/8/2017 3:30 PM
111	Florida Forest Service 50-50 Grant	2/8/2017 3:26 PM

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112	Pennsylvania Stare Fire Grant	2/8/2017 3:07 PM
113	PA STATE Grant (OSFCEGRANT)	2/8/2017 3:07 PM
114	AFG Grant	2/8/2017 3:05 PM
115	Texas Forest Service	2/8/2017 3:04 PM
116	AFG	2/8/2017 3:00 PM
117	Missouri Conservation Grant	2/8/2017 2:57 PM
118	Large Brush Truck	2/8/2017 2:51 PM
119	not sue	2/8/2017 2:46 PM
120	USDA	2/8/2017 2:44 PM
121	Tipmont Round Up Grant	2/8/2017 2:40 PM
122	Forrestry	2/8/2017 2:37 PM
123	PA State grant	2/8/2017 2:34 PM
124	WALMART	2/8/2017 2:32 PM
125	Pa. State grant	2/8/2017 2:32 PM
126	PA state grant for fire & EMS companies	2/8/2017 2:27 PM
127	safer	2/8/2017 2:24 PM
128	VFA	2/8/2017 2:24 PM
129	Mississippi Forestry Commission	2/8/2017 2:21 PM
130	AFG, king Grant	2/8/2017 2:17 PM
131	Several AFG	2/8/2017 2:13 PM
132	Forest fire protection grant	2/8/2017 2:13 PM
133	MI DNR Grant	2/8/2017 2:12 PM
134	Federal Mineral Lease District	2/8/2017 2:08 PM
135	Firehouse Subs Grant	2/8/2017 2:07 PM
136	RHSOC grant	2/8/2017 2:06 PM
137	Fireman's Fund	2/8/2017 2:06 PM
138	Air Packs	2/8/2017 7:52 AM
139	Radios	2/7/2017 6:43 PM
140	Louisiana Forest Grant	2/7/2017 7:23 AM
141	Texas Forestry Service Training Equipment Grant	2/6/2017 5:06 PM
142	firehouse subs	2/6/2017 4:26 PM
143	Gma	2/6/2017 3:12 PM
144	Unknown	2/6/2017 2:52 PM
145	NewYork state DEC wild land fire grant	2/6/2017 1:11 PM
146	Homeland Security	2/6/2017 10:36 AM
147	VLCT PACIFIC Loss Prevention Grant	2/4/2017 9:10 PM
148	radios	2/4/2017 7:53 PM
149	Pennsylvania assistance to Fire Companies	2/3/2017 2:19 PM
150	Forestry/TIC	2/3/2017 9:15 AM
151	Various local grants	2/2/2017 5:14 PM
152	NYS Environmental Conservation Department Wildland	2/2/2017 4:14 PM
153	Missouri Department of conservation	2/2/2017 2:39 PM
154	I don,t know for sure.	2/2/2017 2:37 PM
155	Forest service training grant	2/2/2017 2:12 PM
156	not known	2/2/2017 11:50 AM
157	Local foundation	2/2/2017 6:37 AM
158	Texas forrestry service	2/2/2017 6:32 AM
159	AFG	2/1/2017 10:26 PM
160	New Mexico State Fire Grant	2/1/2017 10:10 PM
161	Gear	2/1/2017 8:39 PM
162	N/A	2/1/2017 7:51 PM
163	CenterPoint Energy Community Partnership	2/1/2017 7:32 PM
164	Factory Mutual grant for fire prevention	2/1/2017 5:00 PM
165	Volunteer Fire Grant (Colorado)	2/1/2017 3:41 PM
166	not sure for scba	2/1/2017 3:24 PM
167	Rescue Squad Assistance Grant	2/1/2017 3:11 PM
168	Facility Construction	1/31/2017 3:23 PM
169	AFG	1/31/2017 11:12 AM
170	Firehouse Subs Safety Grant	1/31/2017 10:10 AM
171	PEC Light the way	1/30/2017 10:07 PM
172	NYS assembly	1/30/2017 6:35 PM

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173	PA State grant	1/30/2017 4:25 PM
174	SAFER	1/30/2017 3:17 PM
175	Port security grant	1/30/2017 1:54 PM
176	DOF Forestry Grant	1/30/2017 1:24 PM
177	State Forestry Grant	1/30/2017 10:41 AM
178	FM Global grant (for smoke alarms)	1/30/2017 8:00 AM
179	SAFER	1/29/2017 8:32 PM
180	//	1/29/2017 5:22 PM
181	Health and safety	1/29/2017 2:55 PM
182	Louisiana forestry	1/28/2017 9:21 PM
183	Local grant and state grant	1/28/2017 8:10 PM
184	Marion County Health Foundation	1/28/2017 3:04 PM
185	Local Foundation	1/28/2017 1:01 PM
186	Virginia Department of Forestry Grant	1/28/2017 12:48 PM
187	FirehouseSubs Public Safety Foundation	1/28/2017 10:44 AM
188	for set of jaws	1/28/2017 10:14 AM
189	Unknown	1/28/2017 10:04 AM
190	Unknown	1/28/2017 10:00 AM
191	Florida Dept of Forestry	1/28/2017 9:33 AM
192	Volunteer Firefighters Assistance	1/28/2017 9:11 AM
193	multiple.....Maine Municipal, State Forestry, STK Foundation	1/28/2017 8:49 AM
194	unknown	1/28/2017 8:29 AM
195	Gear	1/28/2017 7:24 AM
196	Forestry Grant	1/28/2017 3:33 AM
197	3 state and private grants	1/28/2017 12:50 AM
198	N/A	1/27/2017 11:16 PM
199	DEC	1/27/2017 10:27 PM
200	GOHS	1/27/2017 10:07 PM
201	IPRF	1/27/2017 9:46 PM
202	SHSP	1/27/2017 9:42 PM
203	WI DNR	1/27/2017 9:33 PM
204	Was for a hose roller from Walmart	1/27/2017 9:01 PM
205	NYS DEC "Rural Firefighting" Grant	1/27/2017 8:33 PM
206	WVDHS SIRN Radio grant	1/27/2017 7:41 PM
207	Afg	1/27/2017 7:26 PM
208	Mississippi Forestry Service Wildland	1/27/2017 7:12 PM
209	Safer	1/27/2017 7:11 PM
210	HUD	1/27/2017 7:09 PM
211	Forestry	1/27/2017 7:02 PM
212	Wisconsin DNR	1/27/2017 6:57 PM
213	Firehouse Subs	1/27/2017 6:52 PM
214	AFG	1/27/2017 6:39 PM
215	I think it was agh grant	1/27/2017 6:32 PM
216	DCNR grant for brush fire gear	1/27/2017 6:27 PM
217	AFG	1/27/2017 6:19 PM
218	Ms forestry grant	1/27/2017 6:15 PM
219	Afg	1/27/2017 6:15 PM
220	ufd	1/27/2017 6:10 PM
221	Firehouse Subs	1/27/2017 6:08 PM
222	FEMA	1/27/2017 6:07 PM
223	State of Washington Aid to Volunteer fire depts. grant administered through the state DNR	1/27/2017 5:30 PM
224	Firehouse Subs	1/27/2017 3:03 PM
225	State Forestry	1/27/2017 1:58 PM
226	local grants	1/27/2017 1:44 PM
227	Texas Forest Service VFD Assistance Program	1/27/2017 12:13 PM
228	Pa State Grant	1/27/2017 8:19 AM
229	minnesota DNR	1/26/2017 7:32 PM
230	N/A	1/26/2017 11:46 AM
231	Pa State grant	1/25/2017 9:01 PM
232	Local community grant	1/25/2017 6:48 PM
233	Douglas County Community Foundation	1/25/2017 6:25 PM

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234	state grant	1/25/2017 5:20 PM
235	VFA	1/25/2017 5:04 PM
236	AFG	1/25/2017 4:16 PM
237	NA	1/25/2017 1:18 PM
238	EI Pomar and Colorado Fire Relief	1/25/2017 12:07 AM
239	USCG	1/23/2017 3:37 PM
240	Firefighters Burned Childrens Fund Grant	1/23/2017 3:18 PM
241	PA State Fire Commissioners Grant	1/23/2017 12:35 PM
242	EMW-2013-FO-00741	1/23/2017 6:02 AM
243	KY thermal imaging camera grant	1/22/2017 2:15 AM
244	State Vol FF Assistance Grant (wildfire)	1/21/2017 7:29 PM
245	AFG Grant for PPE in 2012 and Farm Credit Service Grant in 2014	1/21/2017 6:27 PM
246	Hazmat	1/20/2017 6:05 PM
247	Trans Canada Pipelines	1/20/2017 5:16 PM
248	unknown	1/20/2017 1:06 PM
249	Ky forestry grant	1/20/2017 12:50 PM
250	AFG	1/20/2017 7:06 AM
251	Local senator	1/20/2017 5:22 AM
252	Pennsylvania Fire Grant	1/19/2017 9:28 PM
253	Illinois American water company	1/19/2017 6:09 PM
254	Various corporate grants	1/19/2017 3:44 PM
255	BWC Ohio	1/19/2017 2:56 PM
256	Forestry (state)	1/19/2017 1:55 PM
257	Ingram Micro Grant for Wellness Equipment	1/19/2017 1:25 PM
258	HB 2604	1/19/2017 1:07 PM
259	worker comp	1/19/2017 12:32 PM
260	State grants from PA	1/19/2017 10:31 AM
261	Fire house subs	1/19/2017 10:08 AM
262	PA State Fire Commissioner Grant	1/19/2017 8:52 AM
263	Firehouse subs	1/19/2017 8:31 AM
264	MN DNR grant	1/19/2017 8:15 AM
265	NC Dept of Insurance Grant	1/19/2017 8:04 AM
266	500000	1/19/2017 5:49 AM
267	State member item funding	1/19/2017 2:46 AM
268	Afg	1/19/2017 1:34 AM
269	Carroll County Quorum Court	1/18/2017 11:58 PM
270	ND forestry service	1/18/2017 11:43 PM
271	Mass DCR wildland fire grant	1/18/2017 11:28 PM
272	CalFire VFA grant	1/18/2017 10:20 PM
273	Firehouse subs	1/18/2017 9:50 PM
274	Missouri Dept. of Conservation	1/18/2017 9:28 PM
275	Not known	1/18/2017 9:19 PM
276	Afg	1/18/2017 8:39 PM
277	MASS DCR	1/18/2017 7:30 PM
278	VFIS	1/18/2017 7:12 PM
279	Florida Forest Service 50-50 Grant	1/18/2017 7:11 PM
280	Turnout gear	1/18/2017 7:02 PM
281	SHSGP	1/18/2017 6:55 PM
282	Ohio Fire/EMS grant	1/18/2017 6:49 PM
283	Local grant	1/18/2017 6:44 PM
284	FM Global	1/18/2017 6:43 PM
285	AAA auto Extrication	1/18/2017 6:29 PM
286	Emergency Service Provider Fund	1/18/2017 6:18 PM
287	Department of natural resources	1/18/2017 5:49 PM
288	Firehouse Subs	1/18/2017 5:40 PM
289	TransCanada	1/18/2017 5:36 PM
290	Douglas County Community Foundation	1/18/2017 5:20 PM
291	Local foundation	1/18/2017 5:12 PM
292	Texas Forest Service	1/18/2017 5:01 PM
293	Firehouse Subs	1/18/2017 5:00 PM
294	0	1/18/2017 4:58 PM

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295	Commonwealth of PA	1/18/2017 4:57 PM
296	Forestry	1/18/2017 4:57 PM
297	AFG	1/18/2017 4:54 PM
298	Stearns electric	1/18/2017 4:54 PM
299	Local company	1/18/2017 4:53 PM
300	N/A	1/18/2017 4:53 PM
301	NA	1/18/2017 4:50 PM
302	Cedap	1/18/2017 4:48 PM
303	USDA Rural Fire Grant	1/18/2017 4:42 PM
304	Wisconsin Health care Coalition	1/18/2017 4:37 PM
305	Safety Grant from Insurance Company	1/18/2017 3:58 PM
306	Na	1/18/2017 3:06 PM
307	Through the local pipeline company	1/18/2017 2:15 PM
308	Regional AFG	1/18/2017 9:40 AM
309	Assistance to FF grant	1/17/2017 1:42 PM
310	SAFER	1/17/2017 1:40 PM
311	State grant	1/17/2017 8:38 AM
312	local grants	1/17/2017 8:17 AM
313	DNR MN	1/17/2017 7:58 AM
314	Not Known	1/16/2017 11:49 PM
315	N/A	1/16/2017 6:28 PM
316	unsure was not the chief at that time	1/16/2017 5:46 PM
317	Maine Forest Service	1/15/2017 10:07 AM
318	it was for Active shooter gear	1/14/2017 7:24 PM
319	afg	1/14/2017 1:12 PM
320	Private Company - name withheld	1/14/2017 10:38 AM
321	FR/IAA	1/14/2017 10:31 AM
322	Truck	1/14/2017 8:48 AM
323	Unknown	1/14/2017 4:36 AM
324	volunteer fire assistance	1/14/2017 3:39 AM
325	Carpenter Grant	1/14/2017 3:10 AM
326	SDAO	1/14/2017 3:08 AM
327	Walmart, Motorola Solutions Foundation, State Fire Marshall MARCS radio	1/13/2017 9:08 PM
328	Texas Forrest service	1/13/2017 4:15 PM
329	equipment grant from Texas Forrest Service	1/13/2017 11:41 AM
330	state wildland	1/13/2017 10:42 AM
331	Fire House Subs and a Hackney tractor trailer	1/13/2017 10:10 AM
332	Commissioner's Grant	1/13/2017 6:00 AM
333	AFG	1/12/2017 10:51 PM
334	Marion County Foundation Grant	1/12/2017 2:15 PM
335	Unknown named grant through Senator's office	1/12/2017 1:20 PM
336	We have received dozens of local and regional grants.	1/12/2017 12:04 PM
337	Ukn	1/12/2017 11:38 AM
338	PA Gaming Grant	1/12/2017 10:58 AM
339	Jefferson Memorial Foundation	1/12/2017 10:56 AM
340	VFA	1/12/2017 10:39 AM
341	N/A	1/12/2017 9:38 AM
342	NYS	1/12/2017 8:18 AM
343	Mn VFA Grant	1/12/2017 8:15 AM
344	ADDITIONAL PERSONNEL UNDER SAFER GRANT	1/12/2017 7:53 AM
345	Regional	1/12/2017 7:48 AM
346	Dnr	1/12/2017 6:04 AM
347	PA. Vol. Fire Dept. grant	1/12/2017 5:17 AM
348	Trans Canada	1/12/2017 1:53 AM
349	NYS DEC Brush grant	1/12/2017 12:52 AM
350	Governors hwy safety grant	1/12/2017 12:45 AM
351	PennEast Pipeline	1/11/2017 11:43 PM
352	Ohio Fire Marshals equipment grant	1/11/2017 11:32 PM
353	Missouri Department of Conservation	1/11/2017 11:04 PM
354	Unknown	1/11/2017 11:00 PM
355	SAFER	1/11/2017 10:59 PM

2017 FAMA Industry Outlook Survey

356	PA OFFICE OF STATE FIRE COMMISSIONER	1/11/2017 10:58 PM
357	Wisconsin DNR grant for fire departments	1/11/2017 10:21 PM
358	Afg	1/11/2017 10:07 PM
359	State Farm Community grant	1/11/2017 10:01 PM
360	Ready set go program	1/11/2017 9:37 PM
361	Pa assistant to fire department grants	1/11/2017 9:15 PM
362	DNR wildland	1/11/2017 8:41 PM
363	Ohio ems grant	1/11/2017 8:17 PM
364	Ohio EMS grant	1/11/2017 8:02 PM
365	AFG	1/11/2017 7:55 PM
366	Walmart	1/11/2017 7:13 PM
367	Unknown	1/11/2017 6:51 PM
368	TFS 2604 Program	1/11/2017 6:43 PM
369	Local business	1/11/2017 6:28 PM
370	equipment	1/11/2017 5:53 PM
371	PA OSFC	1/11/2017 5:49 PM
372	MN DNR Volunteer Fire Grant	1/11/2017 5:38 PM
373	N/a	1/11/2017 5:33 PM
374	Pa fire act grant	1/11/2017 5:10 PM
375	Unknown	1/11/2017 5:06 PM
376	Va. Dept of Forestry grant	1/11/2017 5:03 PM
377	California Forestry equipment	1/11/2017 4:30 PM
378	Private from local Corporations for ATV's and Trailer	1/11/2017 4:13 PM
379	minnesota Dept of Natural Resources	1/11/2017 3:16 PM
380	Forest service	1/11/2017 2:31 PM
381	SCBA replacment	1/11/2017 2:07 PM
382	Equipment standardized	1/11/2017 1:13 PM
383	GP	1/11/2017 1:09 PM
384	AFG	1/11/2017 1:01 PM
385	Safer	1/11/2017 12:45 PM
386	IDHS Foundation & IDNR/USDA Wildland Fire Grant	1/11/2017 12:42 PM
387	Wis DNR	1/11/2017 12:36 PM
388	AGG	1/11/2017 12:20 PM
389	na	1/11/2017 12:19 PM
390	Local Support Grant, FFS Title IV	1/11/2017 12:16 PM
391	Unknown	1/11/2017 11:38 AM
392	AFG	1/11/2017 11:35 AM
393	FM Global	1/11/2017 10:33 AM
394	Safer	1/11/2017 10:22 AM
395	NCDOI	1/11/2017 10:18 AM
396	Pennsylvania State Grant	1/11/2017 9:49 AM
397	American Water, Enbridge	1/11/2017 9:48 AM
398	Community development grant	1/11/2017 8:53 AM
399	Volunteer Fire Assistance Grant Program	1/11/2017 8:03 AM
400	AFG	1/11/2017 3:49 AM
401	SAFER. I am not sure the title	1/11/2017 2:41 AM
402	Texas forest service	1/10/2017 11:40 PM
403	AAA	1/10/2017 10:19 PM
404	rural health care district	1/10/2017 10:16 PM
405	Texas Forest Service grant for fire equipment	1/10/2017 9:05 PM
406	Community Foundation of Southern Wisconsin	1/10/2017 8:26 PM
407	Unknown without my resources	1/10/2017 8:07 PM
408	MHRD	1/10/2017 7:50 PM
409	Fire House Subs, Ohio Workers Comp	1/10/2017 7:40 PM
410	Don't know, Staffing that may have been greater than 2 years. Also, fire prevention grants.	1/10/2017 6:15 PM
411	US Forestry Grant	1/10/2017 5:56 PM
412	na	1/10/2017 5:27 PM
413	State fire marshal's grand	1/10/2017 4:53 PM
414	CAWACO	1/10/2017 4:45 PM
415	Pittsfield Twp	1/10/2017 4:44 PM
416	Texas Forestry Grants	1/10/2017 3:15 PM

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417	not sure	1/10/2017 3:13 PM
418	GRMA	1/10/2017 3:05 PM
419	Forestry Grant	1/10/2017 2:46 PM
420	station retrofit for earthquakes	1/10/2017 2:44 PM
421	WI DNR Wildland	1/10/2017 2:22 PM
422	New York State Wildlands Grant	1/10/2017 2:14 PM
423	PA State fire marshal	1/10/2017 1:58 PM
424	SDAO safety grant	1/10/2017 1:53 PM
425	Arizona Governor's office of highway safety	1/10/2017 1:33 PM
426	Recruitment and Retention	1/10/2017 1:32 PM
427	Hazard Mitigation DR3141	1/10/2017 1:24 PM
428	BWC Grant	1/10/2017 1:21 PM
429	Lions club	1/10/2017 1:19 PM
430	Safer	1/10/2017 12:29 PM
431	Wisconsin DNR	1/10/2017 12:25 PM
432	Not sure	1/10/2017 12:23 PM
433	Wildland mutual aid grant through DNR	1/10/2017 12:10 PM
434	Private Foundation	1/10/2017 12:10 PM
435	Illinois office of the state fire Marshall small equipment grant	1/10/2017 12:04 PM
436	SAFER	1/10/2017 12:04 PM
437	Numerous State Grants since 2007	1/10/2017 11:56 AM
438	N/A	1/10/2017 11:55 AM
439	Firefighter Support Foundation, Wisconsin Department of Natural Resources 50/50 forest fire prevention grant, Bayfield Elect. Co-Op, Xcel Energy, CoBank	1/10/2017 11:32 AM
440	Texas Forest Service	1/10/2017 11:30 AM
441	Multiple Grants	1/10/2017 11:07 AM
442	Embridge Underground pipeline	1/10/2017 10:59 AM
443	GEORGIA MUNICIPAL EQUIPMENT	1/10/2017 10:58 AM
444	Walmart Community Grant	1/10/2017 10:48 AM
445	wildland gear grant	1/10/2017 10:47 AM
446	Scott Electric	1/10/2017 10:44 AM
447	Maine Municiple	1/10/2017 10:37 AM
448	Office state fire commissioner of PA	1/10/2017 10:36 AM
449	AFG	1/10/2017 10:36 AM
450	A Dept of Agriculture grant for Apparatus.	1/10/2017 10:32 AM
451	Afg	1/10/2017 10:32 AM
452	AFG past (2) years equipment	1/10/2017 10:31 AM
453	Mass DCR	1/10/2017 10:28 AM
454	AFG	1/10/2017 10:25 AM
455	Arkansas Firewise grant	1/10/2017 10:24 AM
456	Tennessee Division of Forestry wildland grnt	1/10/2017 10:21 AM
457	Forestry	1/10/2017 10:18 AM
458	AFG FEMA grant	1/10/2017 10:15 AM
459	ag grant	1/10/2017 10:15 AM
460	n/a	1/10/2017 10:01 AM
461	Local community grants	1/10/2017 10:01 AM
462	EMS grant	1/10/2017 9:53 AM
463	unk	1/10/2017 9:50 AM
464	DNR	1/10/2017 9:45 AM
465	Fire House Subs	1/10/2017 9:38 AM
466	Maine Forest Service Grant	1/10/2017 9:37 AM
467	Forest fire fighting equipment	1/10/2017 9:18 AM
468	Pa State Grant	1/10/2017 9:15 AM
469	For Lifepaks	1/10/2017 9:14 AM
470	Homeland security grant from the State	1/10/2017 9:13 AM
471	Forestry	1/10/2017 9:13 AM
472	Taylor County Endowment	1/10/2017 9:11 AM
473	Wisconsin DNR FFP Grant	1/10/2017 9:10 AM
474	Firehouse Subs	1/10/2017 9:08 AM
475	Dunno	1/10/2017 9:08 AM
476	TN Governor's Highway Safety Grant	1/10/2017 9:08 AM

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477	Homeland Security	1/10/2017 9:07 AM
478	FireHouse Subs	1/10/2017 9:06 AM
479	Iowa EMS Grants	1/10/2017 9:05 AM
480	Hose grant	1/10/2017 9:05 AM
481	equipment	1/10/2017 9:04 AM
482	Pennsylvania Fire Comissioners Grant	1/10/2017 9:04 AM
483	PEMA	1/10/2017 9:04 AM
484	Walmart Foundation	1/10/2017 9:00 AM
485	N/A	1/10/2017 8:24 AM
486	unknown	1/9/2017 9:05 PM
487	Homeland Security monies through state	1/9/2017 7:17 PM
488	Ohio Bureau of Workers Compensation	1/9/2017 9:19 AM
489	Afg	1/8/2017 2:44 PM
490	FM Global	1/8/2017 12:42 PM
491	DNR	1/8/2017 12:13 PM
492	NC state 50/50	1/8/2017 11:52 AM
493	AFG	1/8/2017 10:57 AM
494	SAFER	1/8/2017 9:14 AM
495	AFG	1/8/2017 9:00 AM
496	Firehouse Subs	1/8/2017 7:02 AM
497	PA state grant	1/8/2017 6:48 AM
498	PA State Grant	1/7/2017 8:31 PM
499	Illinois Interest Free Apparatus Loan	1/5/2017 8:02 PM
500	NYS Assembly member items	1/4/2017 12:27 PM
501	Firehouse Subs	1/4/2017 10:41 AM
502	Emergency Medical Responder	12/22/2016 6:01 PM
503	Multiple mini-grants	12/22/2016 8:29 AM
504	lepc	12/22/2016 1:58 AM
505	TFS 2604	12/21/2016 10:03 PM
506	Forestry grant	12/21/2016 8:17 PM
507	FEMA	12/21/2016 8:05 PM
508	NH state forest and lands grant	12/21/2016 7:58 PM
509	SCBA	12/21/2016 7:12 PM
510	Homeland security	12/21/2016 6:53 PM
511	Kansas Forest Service Wildland Grant	12/21/2016 2:58 PM
512	VFA	12/21/2016 9:18 AM
513	local utility company grant	12/20/2016 8:21 PM
514	Fire House Subs	12/20/2016 7:23 PM
515	Safer	12/20/2016 7:17 PM
516	Volunteer Fire Assistance 50-50 Grant	12/20/2016 7:01 PM
517	Iowa DNR wildland grant	12/20/2016 6:50 PM
518	Unknown	12/20/2016 6:44 PM
519	AFG	12/20/2016 6:43 PM
520	Missouri Department of Conservation Grant	12/20/2016 6:41 PM
#	\$ Amount of Grant	Date
1	2000.00 to 3500.00	2/27/2017 4:47 PM
2	Unknown	2/27/2017 11:50 AM
3	\$12,000.00	2/27/2017 11:03 AM
4	2012	2/25/2017 7:13 PM
5	450.00	2/24/2017 10:28 PM
6	1000.00	2/24/2017 7:38 PM
7	95000	2/24/2017 11:58 AM
8	\$150,000.00 est.	2/24/2017 8:29 AM
9	2000	2/24/2017 8:02 AM
10	\$1500.00	2/24/2017 5:25 AM
11	\$1000	2/23/2017 11:21 PM
12	4995.00	2/23/2017 9:23 PM
13	324k	2/23/2017 8:35 PM
14	1000	2/23/2017 7:35 PM
15	\$25,000	2/23/2017 7:21 PM
16	\$325,000.	2/23/2017 6:56 PM

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17	185000	2/23/2017 6:16 PM
18	0	2/23/2017 5:49 PM
19	\$22500.00	2/23/2017 3:24 PM
20	?	2/23/2017 2:18 PM
21	\$45,000 Truck Chassis, \$20,000 Skid Unit	2/23/2017 12:36 PM
22	Varying	2/23/2017 12:24 PM
23	40,000	2/21/2017 6:38 PM
24	About \$800K several years ago	2/21/2017 9:22 AM
25	18,000	2/20/2017 12:45 PM
26	7000.00	2/19/2017 9:48 AM
27	Unknown- for wildland equipment	2/18/2017 8:17 PM
28	1000	2/18/2017 1:48 PM
29	\$8000	2/18/2017 12:48 PM
30	850,000	2/17/2017 9:37 PM
31	11,300	2/17/2017 3:11 PM
32	\$15,000 fire grant & \$7,400 EMS grant	2/17/2017 9:03 AM
33	about 2 million	2/17/2017 3:42 AM
34	Unknown	2/16/2017 5:58 PM
35	12000	2/16/2017 4:54 PM
36	\$40,000	2/16/2017 4:48 PM
37	\$170000	2/16/2017 3:02 PM
38	5000	2/16/2017 1:47 PM
39	AFG pumper	2/16/2017 1:34 PM
40	\$0	2/16/2017 1:14 PM
41	500,000.00	2/16/2017 12:13 PM
42	Unknown	2/16/2017 11:57 AM
43	140,000	2/16/2017 11:53 AM
44	Unknown	2/16/2017 10:56 AM
45	not sure	2/16/2017 10:53 AM
46	10000.	2/16/2017 10:52 AM
47	\$2000	2/16/2017 10:49 AM
48	155,000	2/16/2017 10:42 AM
49	40,000	2/16/2017 10:27 AM
50	50% match, varied amounts	2/16/2017 10:08 AM
51	\$10,000	2/16/2017 9:44 AM
52	300000	2/16/2017 9:34 AM
53	n/a	2/16/2017 9:33 AM
54	\$26,000	2/16/2017 9:32 AM
55	185000.00	2/16/2017 9:29 AM
56	180,000.00	2/16/2017 9:25 AM
57	\$5,000	2/16/2017 9:20 AM
58	25,000 for radios	2/16/2017 9:12 AM
59	4000.00	2/16/2017 9:00 AM
60	4,400	2/16/2017 8:52 AM
61	\$15,000	2/15/2017 5:39 PM
62	228,000	2/15/2017 9:20 AM
63	100,000+ in the different programs over the last year	2/14/2017 4:19 PM
64	\$35,000	2/14/2017 1:39 PM
65	\$7.500	2/12/2017 7:24 PM
66	\$5,000	2/12/2017 3:57 PM
67	\$750	2/11/2017 8:51 AM
68	8,000.00	2/10/2017 2:41 PM
69	2,075.00\$	2/10/2017 2:01 PM
70	\$30,000	2/10/2017 8:37 AM
71	6,000.00	2/9/2017 11:10 PM
72	\$30,000	2/9/2017 4:10 PM
73	Less than \$15,000.00	2/9/2017 3:26 PM
74	\$5,000	2/9/2017 2:53 PM
75	unknown	2/9/2017 2:26 PM
76	2700	2/9/2017 1:30 PM
77	50,000	2/9/2017 12:56 PM

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78	1,000,000	2/9/2017 11:38 AM
79	3500.00	2/9/2017 10:51 AM
80	\$15,000	2/9/2017 10:24 AM
81	?	2/9/2017 9:17 AM
82	\$829,000	2/9/2017 9:17 AM
83	1000	2/9/2017 7:12 AM
84	163,000	2/9/2017 12:57 AM
85	25000	2/8/2017 11:55 PM
86	10000	2/8/2017 10:02 PM
87	12,000.00	2/8/2017 8:53 PM
88	14,000.	2/8/2017 8:28 PM
89	25000	2/8/2017 8:19 PM
90	10300	2/8/2017 7:33 PM
91	Unknown	2/8/2017 7:23 PM
92	2.1 million	2/8/2017 6:55 PM
93	15,000	2/8/2017 6:53 PM
94	100,000	2/8/2017 6:41 PM
95	\$8,000	2/8/2017 6:32 PM
96	2000	2/8/2017 6:30 PM
97	\$4,200.00 for MCI Equipment	2/8/2017 6:21 PM
98	\$ 2500	2/8/2017 6:19 PM
99	12,354	2/8/2017 5:44 PM
100	1500	2/8/2017 5:42 PM
101	Mo. Forestry Grant \$3,000.00/ \$2750.00	2/8/2017 5:24 PM
102	21,000	2/8/2017 5:20 PM
103	25,000	2/8/2017 5:17 PM
104	1300.00	2/8/2017 5:15 PM
105	\$65000	2/8/2017 5:11 PM
106	155,000	2/8/2017 4:44 PM
107	\$11,000.00	2/8/2017 4:29 PM
108	\$850.00	2/8/2017 4:24 PM
109	850,000	2/8/2017 4:08 PM
110	10000	2/8/2017 4:06 PM
111	1500	2/8/2017 3:59 PM
112	Unknown	2/8/2017 3:58 PM
113	\$10,000	2/8/2017 3:49 PM
114	\$10,000	2/8/2017 3:46 PM
115	\$20,000	2/8/2017 3:30 PM
116	3000	2/8/2017 3:26 PM
117	15,000	2/8/2017 3:07 PM
118	12,000	2/8/2017 3:07 PM
119	\$250,000	2/8/2017 3:05 PM
120	150,000.00	2/8/2017 3:04 PM
121	5700	2/8/2017 3:02 PM
122	260,000	2/8/2017 3:00 PM
123	3000	2/8/2017 2:57 PM
124	200,000	2/8/2017 2:51 PM
125	unsure amount	2/8/2017 2:46 PM
126	180000	2/8/2017 2:44 PM
127	\$3000	2/8/2017 2:40 PM
128	5,000.00	2/8/2017 2:37 PM
129	\$40,000	2/8/2017 2:36 PM
130	15,000	2/8/2017 2:34 PM
131	2500.00	2/8/2017 2:32 PM
132	\$10,000	2/8/2017 2:32 PM
133	\$200,000	2/8/2017 2:27 PM
134	\$15,000 fire / \$7400 EMS	2/8/2017 2:27 PM
135	20000	2/8/2017 2:24 PM
136	3000	2/8/2017 2:21 PM
137	250,000. 20,000	2/8/2017 2:17 PM
138	Total of Aprox. \$500,000-\$600,000	2/8/2017 2:13 PM

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139	1500	2/8/2017 2:13 PM
140	4250.00	2/8/2017 2:12 PM
141	\$50,000	2/8/2017 2:08 PM
142	Not sure, enough to purchase our fire boat	2/8/2017 2:07 PM
143	13,000	2/8/2017 2:07 PM
144	60,000	2/8/2017 2:06 PM
145	15000	2/8/2017 2:06 PM
146	100,000.00	2/8/2017 7:52 AM
147	unknown	2/7/2017 6:43 PM
148	\$3300	2/7/2017 7:23 AM
149	\$5,000	2/6/2017 5:06 PM
150	3000	2/6/2017 3:12 PM
151	Not sure	2/6/2017 2:52 PM
152	\$3000	2/6/2017 1:11 PM
153	\$5000	2/4/2017 9:10 PM
154	\$28000.00	2/4/2017 7:53 PM
155	\$15,000	2/3/2017 2:19 PM
156	\$7000/\$3200	2/3/2017 9:15 AM
157	\$10,000	2/2/2017 5:14 PM
158	matching \$2500	2/2/2017 4:14 PM
159	3000.00	2/2/2017 2:39 PM
160	12500	2/2/2017 2:12 PM
161	Unknown	2/2/2017 1:24 PM
162	Varied over past 20+ years	2/2/2017 6:37 AM
163	Not sure	2/2/2017 6:32 AM
164	146k	2/1/2017 10:26 PM
165	\$100,000	2/1/2017 10:10 PM
166	35,000	2/1/2017 8:39 PM
167	\$93,000.00	2/1/2017 8:02 PM
168	2,500	2/1/2017 7:32 PM
169	\$14,000.00	2/1/2017 5:00 PM
170	\$10,000	2/1/2017 3:41 PM
171	480,000	2/1/2017 3:24 PM
172	74,000.	2/1/2017 3:11 PM
173	40000	1/31/2017 3:23 PM
174	28000	1/31/2017 11:44 AM
175	\$100,000.00	1/31/2017 11:12 AM
176	13,000	1/31/2017 10:10 AM
177	1000	1/30/2017 10:07 PM
178	30,000	1/30/2017 8:24 PM
179	10,000	1/30/2017 6:35 PM
180	\$12,000.00	1/30/2017 4:25 PM
181	unknown	1/30/2017 3:17 PM
182	Don't remember amount	1/30/2017 1:54 PM
183	10,000	1/30/2017 1:24 PM
184	\$1500	1/30/2017 8:00 AM
185	\$5.6 M	1/29/2017 8:32 PM
186	//	1/29/2017 5:22 PM
187	75,000	1/29/2017 2:55 PM
188	Total of around 170,000	1/28/2017 8:10 PM
189	25,000	1/28/2017 3:04 PM
190	1500	1/28/2017 1:01 PM
191	\$1000	1/28/2017 12:48 PM
192	25000	1/28/2017 12:12 PM
193	13,652	1/28/2017 10:44 AM
194	\$ 25K	1/28/2017 10:14 AM
195	Unknow	1/28/2017 10:04 AM
196	Unknown	1/28/2017 10:00 AM
197	9,000.00	1/28/2017 9:33 AM
198	10,000	1/28/2017 9:11 AM
199	Total of about \$30k	1/28/2017 8:49 AM

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200	unknown	1/28/2017 8:29 AM
201	35000	1/28/2017 7:24 AM
202	1500	1/28/2017 3:33 AM
203	Total 20,000	1/28/2017 12:50 AM
204	N/A	1/27/2017 11:16 PM
205	\$1,000	1/27/2017 10:27 PM
206	25000	1/27/2017 10:07 PM
207	\$4400	1/27/2017 9:46 PM
208	2500	1/27/2017 9:42 PM
209	1500	1/27/2017 9:33 PM
210	Unknown	1/27/2017 9:01 PM
211	50% matching up to \$5,000.00	1/27/2017 8:33 PM
212	5,000.00	1/27/2017 8:18 PM
213	10,000	1/27/2017 7:52 PM
214	55,000	1/27/2017 7:41 PM
215	250,000	1/27/2017 7:26 PM
216	\$9500	1/27/2017 7:12 PM
217	458,000	1/27/2017 7:11 PM
218	\$2.6 million	1/27/2017 7:09 PM
219	2500	1/27/2017 7:02 PM
220	20,000	1/27/2017 6:52 PM
221	\$478000.00	1/27/2017 6:39 PM
222	Don't no	1/27/2017 6:32 PM
223	\$3000.00	1/27/2017 6:27 PM
224	200000	1/27/2017 6:19 PM
225	5000	1/27/2017 6:15 PM
226	60,000	1/27/2017 6:15 PM
227	5.00	1/27/2017 6:10 PM
228	25000	1/27/2017 6:08 PM
229	50,000	1/27/2017 5:30 PM
230	approx \$6,000	1/27/2017 3:03 PM
231	\$3000.00	1/27/2017 1:58 PM
232	\$4000.00	1/27/2017 1:44 PM
233	\$12,000 per year for training	1/27/2017 12:13 PM
234	8,000	1/27/2017 8:19 AM
235	5000	1/26/2017 7:32 PM
236	14,500	1/25/2017 9:01 PM
237	50000	1/25/2017 7:43 PM
238	4000	1/25/2017 6:48 PM
239	\$11,000.00	1/25/2017 6:25 PM
240	~\$13,000	1/25/2017 5:20 PM
241	\$10,000	1/25/2017 5:04 PM
242	56,000	1/25/2017 4:16 PM
243	0	1/25/2017 1:18 PM
244	23,000	1/25/2017 12:07 AM
245	Unk	1/23/2017 3:37 PM
246	1000	1/23/2017 3:18 PM
247	\$17,500	1/23/2017 12:35 PM
248	25,209.00	1/23/2017 6:02 AM
249	3200	1/22/2017 2:15 AM
250	2000	1/21/2017 7:29 PM
251	AFG approximatly 48,000 and Farm Credit 5,000	1/21/2017 6:27 PM
252	5000.00	1/20/2017 5:16 PM
253	unknown	1/20/2017 1:06 PM
254	1080.00	1/20/2017 12:50 PM
255	Not certain	1/20/2017 7:06 AM
256	30000	1/20/2017 5:22 AM
257	14,500	1/19/2017 9:28 PM
258	-0-	1/19/2017 8:21 PM
259	\$1000.00	1/19/2017 6:09 PM
260	Varing amounts	1/19/2017 3:44 PM

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261	\$40,000	1/19/2017 2:56 PM
262	various each year, depends on funding asked for	1/19/2017 1:55 PM
263	7000	1/19/2017 1:25 PM
264	\$155,000 in 2010 for tender, 12,500 for training	1/19/2017 1:07 PM
265	unknown	1/19/2017 12:32 PM
266	15,000	1/19/2017 10:31 AM
267	25,000	1/19/2017 10:08 AM
268	13,000	1/19/2017 8:52 AM
269	15,000	1/19/2017 8:31 AM
270	2500	1/19/2017 8:15 AM
271	\$28,000.00	1/19/2017 8:04 AM
272	Unknown	1/19/2017 6:10 AM
273	10,000	1/19/2017 2:46 AM
274	80,000	1/19/2017 1:34 AM
275	\$1000	1/18/2017 11:58 PM
276	10000	1/18/2017 11:43 PM
277	1093.00	1/18/2017 11:28 PM
278	5,000	1/18/2017 11:19 PM
279	11500	1/18/2017 10:20 PM
280	25000	1/18/2017 9:50 PM
281	100,000	1/18/2017 9:30 PM
282	\$4000	1/18/2017 9:28 PM
283	Not known	1/18/2017 9:19 PM
284	10000?	1/18/2017 8:39 PM
285	1,000	1/18/2017 8:28 PM
286	2,000	1/18/2017 7:30 PM
287	2500.00)	1/18/2017 7:12 PM
288	3,250	1/18/2017 7:11 PM
289	60,000	1/18/2017 7:02 PM
290	10000	1/18/2017 6:49 PM
291	8000.	1/18/2017 6:44 PM
292	\$3,000.00	1/18/2017 6:43 PM
293	I don't know	1/18/2017 6:29 PM
294	\$20,000 CDN	1/18/2017 6:18 PM
295	??	1/18/2017 5:49 PM
296	\$23,000	1/18/2017 5:40 PM
297	\$7,000	1/18/2017 5:36 PM
298	\$11,000.00	1/18/2017 5:20 PM
299	5,000	1/18/2017 5:12 PM
300	250,000	1/18/2017 5:01 PM
301	5,000	1/18/2017 5:00 PM
302	0	1/18/2017 4:58 PM
303	\$12,000.00	1/18/2017 4:57 PM
304	80,000.00	1/18/2017 4:54 PM
305	500.00	1/18/2017 4:54 PM
306	\$25000	1/18/2017 4:53 PM
307	N/A	1/18/2017 4:53 PM
308	40,000	1/18/2017 4:48 PM
309	\$565,000.00	1/18/2017 4:42 PM
310	10,000	1/18/2017 4:37 PM
311	\$3000	1/18/2017 3:58 PM
312	Na	1/18/2017 3:06 PM
313	6000	1/18/2017 2:15 PM
314	Our cost was \$67,500 before match percentage.	1/18/2017 9:40 AM
315	26,000.00	1/17/2017 1:42 PM
316	15,000	1/17/2017 1:40 PM
317	\$7,000.00	1/17/2017 8:38 AM
318	< 10000	1/17/2017 8:17 AM
319	5000	1/17/2017 7:58 AM
320	Not Known	1/16/2017 11:49 PM
321	N/A	1/16/2017 6:28 PM

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322	unsure was not the chief at that time	1/16/2017 5:46 PM
323	\$1200.00	1/15/2017 10:07 AM
324	unsure	1/14/2017 7:24 PM
325	\$10,200	1/14/2017 1:41 PM
326	310000	1/14/2017 1:12 PM
327	\$37k	1/14/2017 10:38 AM
328	10,0000	1/14/2017 10:31 AM
329	182,000	1/14/2017 8:48 AM
330	86000	1/14/2017 6:42 AM
331	157,000	1/14/2017 5:08 AM
332	11,500	1/14/2017 3:39 AM
333	10000	1/14/2017 3:08 AM
334	21000	1/13/2017 4:15 PM
335	dont remember	1/13/2017 11:41 AM
336	4000.00	1/13/2017 10:42 AM
337	400,000.00	1/13/2017 10:10 AM
338	13,000	1/13/2017 6:00 AM
339	Approx. 450,000	1/12/2017 10:51 PM
340	25,000	1/12/2017 2:15 PM
341	They have totaled hundreds of thousands of dollars over the last few years.	1/12/2017 12:04 PM
342	\$142,000	1/12/2017 10:58 AM
343	\$59,000	1/12/2017 10:56 AM
344	169,000\$	1/12/2017 8:18 AM
345	\$8,000	1/12/2017 8:15 AM
346	UNKNOWN	1/12/2017 7:53 AM
347	60k	1/12/2017 7:48 AM
348	6000	1/12/2017 6:04 AM
349	\$12,000	1/12/2017 5:17 AM
350	0	1/12/2017 3:14 AM
351	10,000	1/12/2017 1:53 AM
352	1500	1/12/2017 12:52 AM
353	2500	1/12/2017 12:45 AM
354	5,000.00	1/11/2017 11:43 PM
355	10,000.00 2015	1/11/2017 11:32 PM
356	2700.00	1/11/2017 11:04 PM
357	Unsure	1/11/2017 11:00 PM
358	\$45,000	1/11/2017 10:59 PM
359	15000.00	1/11/2017 10:58 PM
360	10,000	1/11/2017 10:21 PM
361	\$2500	1/11/2017 10:21 PM
362	25000	1/11/2017 10:07 PM
363	10,000	1/11/2017 10:01 PM
364	1,000	1/11/2017 9:37 PM
365	14,000	1/11/2017 9:15 PM
366	10,000	1/11/2017 8:41 PM
367	2500	1/11/2017 8:17 PM
368	3500	1/11/2017 8:02 PM
369	105,000	1/11/2017 7:55 PM
370	1000	1/11/2017 7:13 PM
371	Unknown	1/11/2017 6:51 PM
372	8000.00	1/11/2017 6:43 PM
373	\$10,000	1/11/2017 6:28 PM
374	\$65,000	1/11/2017 5:53 PM
375	13400	1/11/2017 5:49 PM
376	1000	1/11/2017 5:38 PM
377	\$11,000.	1/11/2017 5:10 PM
378	\$300	1/11/2017 5:03 PM
379	10000	1/11/2017 4:54 PM
380	\$5000	1/11/2017 4:30 PM
381	\$50,000	1/11/2017 4:13 PM
382	5000	1/11/2017 3:16 PM

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383	5000	1/11/2017 2:31 PM
384	\$125,000.00	1/11/2017 2:07 PM
385	\$35000	1/11/2017 1:13 PM
386	\$4000	1/11/2017 1:09 PM
387	\$ 88,000.00	1/11/2017 1:01 PM
388	1,120,000	1/11/2017 12:45 PM
389	< \$5K each	1/11/2017 12:42 PM
390	10k	1/11/2017 12:36 PM
391	SCBA. TIC Fitness equipment	1/11/2017 12:20 PM
392	na	1/11/2017 12:19 PM
393	\$122,000	1/11/2017 12:16 PM
394	15,000	1/11/2017 12:05 PM
395	Unknown	1/11/2017 11:38 AM
396	30000	1/11/2017 11:35 AM
397	1200	1/11/2017 10:33 AM
398	24969.00	1/11/2017 10:18 AM
399	average of \$14,000 yr	1/11/2017 9:49 AM
400	\$1000 each	1/11/2017 9:48 AM
401	10,000	1/11/2017 8:53 AM
402	\$2,330	1/11/2017 8:03 AM
403	50,000	1/11/2017 3:49 AM
404	\$20.000	1/10/2017 11:40 PM
405	5500.00	1/10/2017 10:19 PM
406	\$60,000	1/10/2017 10:16 PM
407	12,500	1/10/2017 9:05 PM
408	2,000.00	1/10/2017 8:26 PM
409	40,000	1/10/2017 7:50 PM
410	18,000, 38,000	1/10/2017 7:40 PM
411	\$4500.00	1/10/2017 5:56 PM
412	6.00	1/10/2017 5:27 PM
413	\$10,000	1/10/2017 4:53 PM
414	3,000	1/10/2017 4:45 PM
415	\$175,000?	1/10/2017 4:44 PM
416	65,000	1/10/2017 3:15 PM
417	\$50,000 for equipment	1/10/2017 3:13 PM
418	\$3000.00	1/10/2017 3:05 PM
419	about 5,000	1/10/2017 2:46 PM
420	\$850,000	1/10/2017 2:44 PM
421	\$1500.00 50/50	1/10/2017 2:22 PM
422	\$1500.00	1/10/2017 2:14 PM
423	7K	1/10/2017 1:58 PM
424	\$25,000	1/10/2017 1:53 PM
425	30,000	1/10/2017 1:33 PM
426	40,000	1/10/2017 1:32 PM
427	\$61,313	1/10/2017 1:24 PM
428	40,000	1/10/2017 1:21 PM
429	\$5000	1/10/2017 1:19 PM
430	Enough for 6 entry level firefighters	1/10/2017 12:29 PM
431	\$4,000	1/10/2017 12:25 PM
432	Unknown	1/10/2017 12:10 PM
433	40,000	1/10/2017 12:10 PM
434	\$25,000	1/10/2017 12:04 PM
435	125,000.00	1/10/2017 12:04 PM
436	435,000	1/10/2017 11:56 AM
437	N/A	1/10/2017 11:55 AM
438	200,000	1/10/2017 11:33 AM
439	ffsf-\$7200 WDNR 50/50 ffp-\$4856.59 Bayfiel Ecclct Co-OP-\$1000 Xcel Energy-\$200 CoBank-\$1000	1/10/2017 11:32 AM
440	Around \$20,000 total	1/10/2017 11:30 AM
441	Approx \$30,000	1/10/2017 11:07 AM
442	1,000	1/10/2017 10:59 AM
443	6000	1/10/2017 10:58 AM

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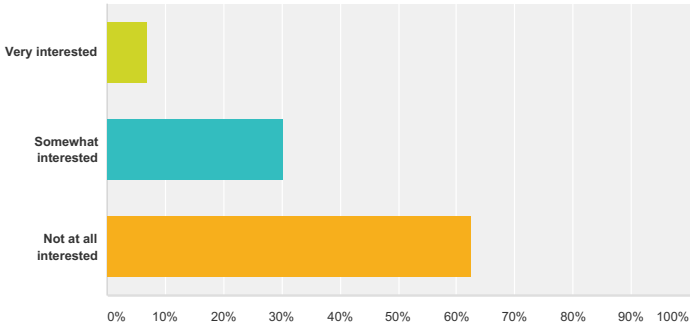
444	1000	1/10/2017 10:48 AM
445	\$ 2,200.00	1/10/2017 10:47 AM
446	\$8000	1/10/2017 10:44 AM
447	1000.00	1/10/2017 10:37 AM
448	12,000.00	1/10/2017 10:36 AM
449	\$147,000.	1/10/2017 10:36 AM
450	\$15,000	1/10/2017 10:32 AM
451	78000	1/10/2017 10:32 AM
452	\$160,000 for both	1/10/2017 10:31 AM
453	2,000	1/10/2017 10:28 AM
454	\$167,000	1/10/2017 10:25 AM
455	2500	1/10/2017 10:24 AM
456	\$5000	1/10/2017 10:21 AM
457	1500	1/10/2017 10:18 AM
458	\$828,000	1/10/2017 10:15 AM
459	not sure combined with police	1/10/2017 10:15 AM
460	Varies	1/10/2017 10:01 AM
461	250.00	1/10/2017 9:53 AM
462	unk	1/10/2017 9:50 AM
463	4000	1/10/2017 9:38 AM
464	\$1800	1/10/2017 9:37 AM
465	\$500	1/10/2017 9:24 AM
466	\$ 650.00	1/10/2017 9:18 AM
467	Mo. Forestry Grant \$3,000.00	1/10/2017 9:17 AM
468	Unknown	1/10/2017 9:15 AM
469	143,000.00	1/10/2017 9:15 AM
470	45000	1/10/2017 9:14 AM
471	\$160,000	1/10/2017 9:13 AM
472	??	1/10/2017 9:13 AM
473	\$3500?	1/10/2017 9:11 AM
474	9400	1/10/2017 9:10 AM
475	20,000	1/10/2017 9:08 AM
476	Dunno	1/10/2017 9:08 AM
477	\$10,000	1/10/2017 9:08 AM
478	\$100,000	1/10/2017 9:07 AM
479	\$4000	1/10/2017 9:05 AM
480	85,000	1/10/2017 9:05 AM
481	140000	1/10/2017 9:04 AM
482	15,000	1/10/2017 9:04 AM
483	14,000	1/10/2017 9:04 AM
484	2,500.00	1/10/2017 9:00 AM
485	10000	1/10/2017 8:58 AM
486	12,000.	1/9/2017 7:31 PM
487	\$15,000	1/9/2017 7:17 PM
488	\$40,000	1/9/2017 9:19 AM
489	143,000	1/8/2017 2:44 PM
490	\$2675	1/8/2017 12:42 PM
491	10000	1/8/2017 12:13 PM
492	27,000	1/8/2017 11:52 AM
493	\$50,000	1/8/2017 10:57 AM
494	300,000	1/8/2017 9:14 AM
495	\$170,000	1/8/2017 9:00 AM
496	23.000	1/8/2017 7:12 AM
497	20,000	1/8/2017 7:02 AM
498	11,000.00 approx	1/8/2017 6:48 AM
499	\$15,000	1/7/2017 8:31 PM
500	500K	1/5/2017 8:02 PM
501	15000	1/4/2017 12:27 PM
502	\$ 25,000	1/4/2017 10:41 AM
503	\$10,000.00	12/26/2016 12:18 PM
504	Unknown	12/22/2016 6:01 PM

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505	15,000	12/22/2016 5:28 PM
506	1,000 to 20,000	12/22/2016 8:29 AM
507	unkown	12/22/2016 1:58 AM
508	\$200,000	12/21/2016 10:03 PM
509	10000	12/21/2016 8:17 PM
510	80,000	12/21/2016 8:05 PM
511	2000	12/21/2016 7:58 PM
512	1.00	12/21/2016 7:12 PM
513	Match of \$2500 (I think)	12/21/2016 2:58 PM
514	10000	12/21/2016 9:18 AM
515	10000	12/20/2016 10:17 PM
516	5,000	12/20/2016 8:21 PM
517	\$32,000	12/20/2016 7:23 PM
518	Don't know	12/20/2016 7:17 PM
519	2000	12/20/2016 7:14 PM
520	7000	12/20/2016 7:06 PM
521	2500	12/20/2016 7:01 PM
522	\$3,000	12/20/2016 6:50 PM
523	\$275000	12/20/2016 6:43 PM
524	3,000	12/20/2016 6:41 PM

Q20 How interested are you in leasing apparatus from manufacturers?

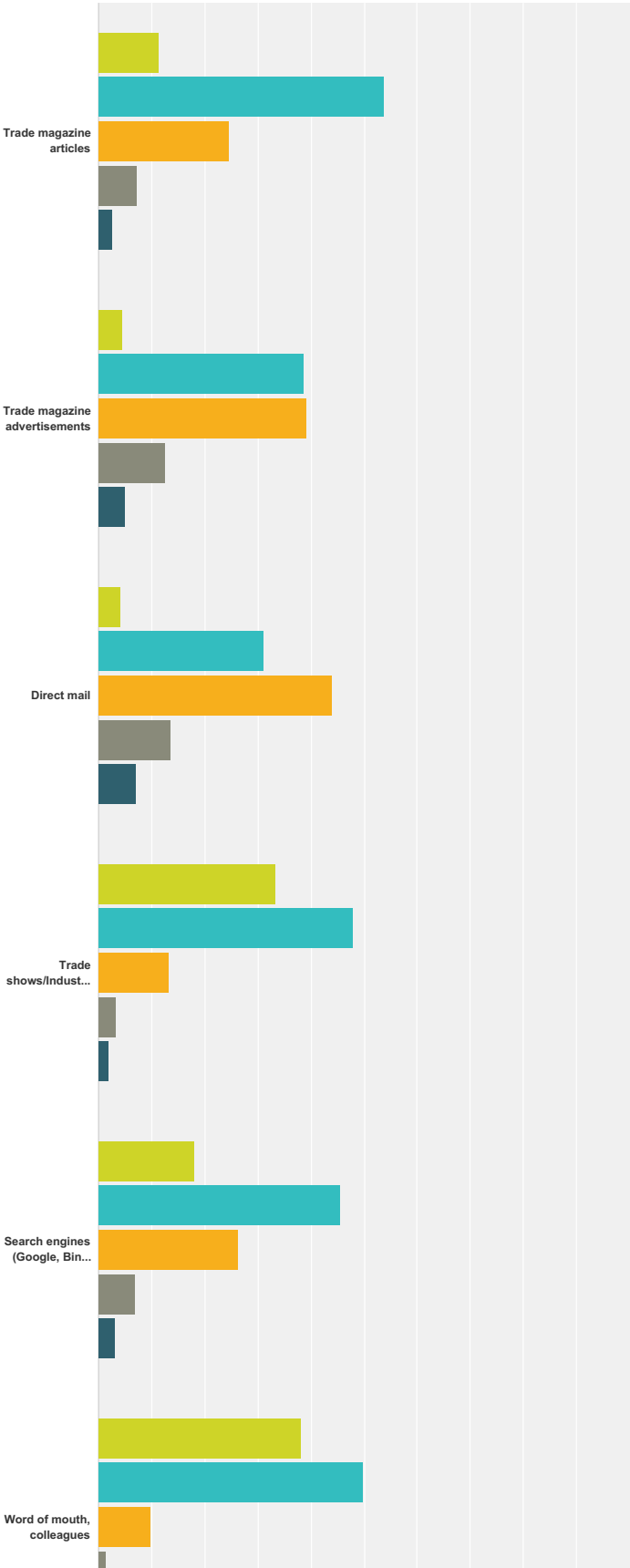
Answered: 1,363 Skipped: 279



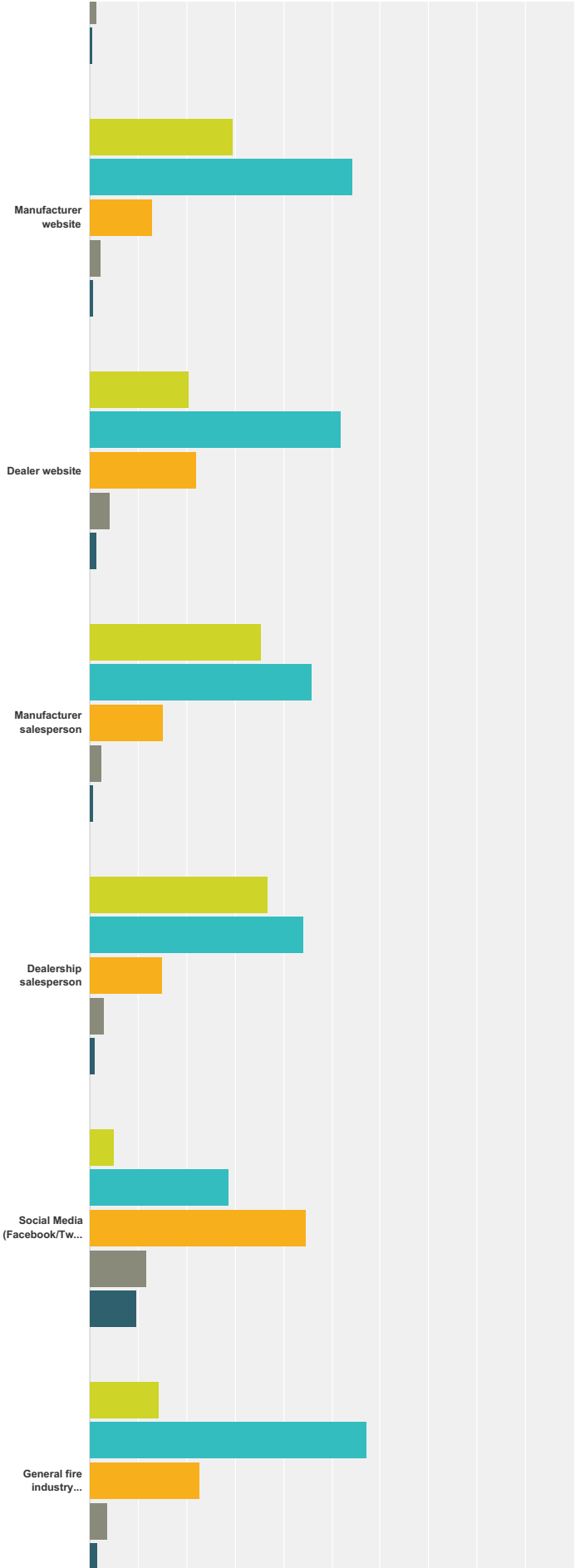
Answer Choices	Responses	
Very interested	6.90%	94
Somewhat interested	30.37%	414
Not at all interested	62.73%	855
Total		1,363

Q21 Please rate the importance of each of the following when seeking information on apparatus and equipment.

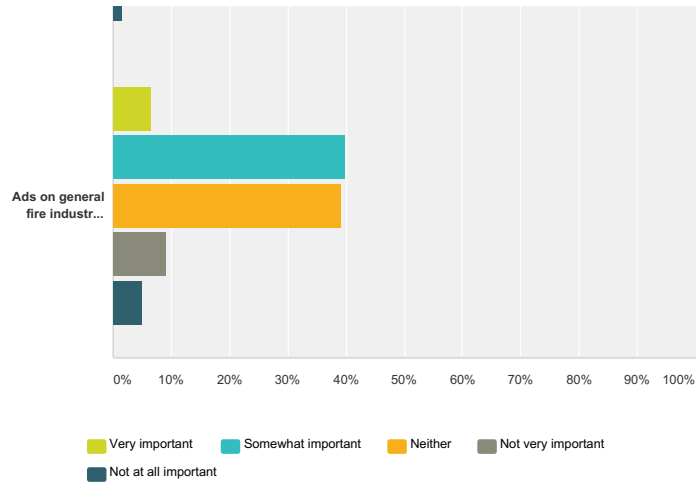
Answered: 1,330 Skipped: 312



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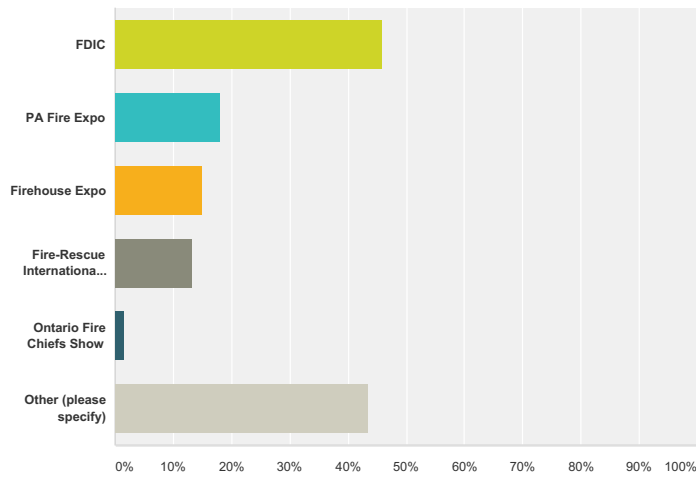


	Very important	Somewhat important	Neither	Not very important	Not at all important	Total
Trade magazine articles	11.43% 152	53.76% 715	24.74% 329	7.37% 98	2.71% 36	1,330
Trade magazine advertisements	4.66% 62	38.57% 513	39.17% 521	12.48% 166	5.11% 68	1,330
Direct mail	4.14% 55	31.05% 413	44.14% 587	13.61% 181	7.07% 94	1,330
Trade shows/Industry meetings	33.38% 444	48.05% 639	13.38% 178	3.38% 45	1.80% 24	1,330
Search engines (Google, Bing, etc.)	18.20% 242	45.41% 604	26.32% 350	6.84% 91	3.23% 43	1,330
Word of mouth, colleagues	38.12% 507	49.92% 664	9.85% 131	1.50% 20	0.60% 8	1,330
Manufacturer website	29.62% 394	54.21% 721	13.01% 173	2.33% 31	0.83% 11	1,330
Dealer website	20.45% 272	51.88% 690	22.03% 293	4.14% 55	1.50% 20	1,330
Manufacturer salesperson	35.41% 471	45.94% 611	15.34% 204	2.56% 34	0.75% 10	1,330
Dealership salesperson	36.69% 488	44.21% 588	15.04% 200	3.01% 40	1.05% 14	1,330
Social Media (Facebook/Twitter, etc.)	5.04% 67	28.80% 383	44.74% 595	11.73% 156	9.70% 129	1,330
General fire industry website articles	14.36% 191	57.29% 762	22.86% 304	3.83% 51	1.65% 22	1,330
Ads on general fire industry websites	6.62% 88	39.77% 529	39.32% 523	9.25% 123	5.04% 67	1,330

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Q22 What industry trade shows do you attend? (Select all that apply.)

Answered: 1,330 Skipped: 312



Answer Choices	Responses
FDIC	46.02% 612
PA Fire Expo	18.12% 241
Firehouse Expo	15.04% 200
Fire-Rescue International (International Association of Fire Chiefs)	13.38% 178
Ontario Fire Chiefs Show	1.73% 23
Other (please specify)	43.46% 578
Total Respondents: 1,330	

#	Other (please specify)	Date
1	None	2/27/2017 11:52 AM
2	NC SAFER	2/27/2017 11:30 AM
3	None	2/24/2017 7:39 PM
4	None	2/24/2017 3:20 PM
5	New England Fire Expo	2/24/2017 2:53 PM
6	None	2/24/2017 1:16 PM
7	Tri state fire conference	2/24/2017 12:00 PM
8	none	2/24/2017 8:56 AM
9	NC	2/24/2017 8:31 AM
10	NYS Chiefs	2/24/2017 8:30 AM
11	sSuth Carolina State Firefighters ass.	2/24/2017 7:22 AM
12	NY FIRE Firehouse Expo	2/23/2017 11:23 PM
13	none	2/23/2017 9:26 PM
14	New Brunswick chief conference	2/23/2017 9:13 PM
15	None.	2/23/2017 8:36 PM
16	neafc	2/23/2017 8:07 PM
17	Local trade show	2/23/2017 7:08 PM
18	None	2/23/2017 5:50 PM
19	none	2/23/2017 5:39 PM
20	NO MONEY FOR TRAVEL	2/23/2017 3:40 PM
21	Fire Rescue East	2/23/2017 3:26 PM
22	SC Fire/Rescue	2/23/2017 2:34 PM
23	None	2/23/2017 1:24 PM
24	local area	2/23/2017 1:23 PM
25	none	2/23/2017 12:36 PM
26	No budget for this	2/23/2017 12:26 PM
27	None.	2/20/2017 1:37 PM
28	SEAFCA, Alabama Chiefs	2/20/2017 12:47 PM
29	None	2/19/2017 9:58 PM

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30	Monroeville PA Expos	2/19/2017 6:26 PM
31	New York AFC	2/19/2017 2:27 PM
32	none	2/18/2017 12:50 PM
33	Mega show	2/18/2017 4:39 AM
34	None	2/17/2017 9:39 PM
35	Harrisburg Fire Expo, PA	2/17/2017 3:11 PM
36	none	2/17/2017 3:45 AM
37	Non	2/16/2017 10:50 PM
38	Nj firemans expo	2/16/2017 6:34 PM
39	Wildland urban interface	2/16/2017 5:59 PM
40	New England Fire Expo	2/16/2017 2:15 PM
41	none	2/16/2017 1:49 PM
42	None	2/16/2017 1:30 PM
43	State and local fire trade shoes	2/16/2017 1:26 PM
44	Canadian fire chiefs and BC chiefs	2/16/2017 12:19 PM
45	BC Fire Expo	2/16/2017 12:18 PM
46	Northwest fire expo	2/16/2017 10:54 AM
47	State Convention	2/16/2017 10:54 AM
48	NYS FIRE CHIEFS	2/16/2017 10:50 AM
49	SAFE-D in Texas	2/16/2017 10:43 AM
50	None	2/16/2017 10:09 AM
51	long island show	2/16/2017 9:50 AM
52	NY Chief's	2/16/2017 9:41 AM
53	Local	2/16/2017 9:35 AM
54	None	2/16/2017 9:34 AM
55	local shows	2/16/2017 9:31 AM
56	none	2/16/2017 9:25 AM
57	No	2/16/2017 9:18 AM
58	None	2/16/2017 9:05 AM
59	state sponsored schools	2/16/2017 9:01 AM
60	never been to one	2/16/2017 8:58 AM
61	Georgia Fire Conferences	2/16/2017 8:52 AM
62	NCAFC Conference	2/16/2017 8:45 AM
63	State sponsored shows	2/15/2017 9:22 AM
64	WI State Fire Chiefs	2/14/2017 4:20 PM
65	MD State Firemans Convention	2/14/2017 1:40 PM
66	New England chief show	2/13/2017 2:43 PM
67	NONE	2/13/2017 1:00 PM
68	NBAFC and MFC	2/13/2017 6:49 AM
69	Michigan Chiefs	2/12/2017 10:17 PM
70	British Columbia Fire Chiefs Convention	2/12/2017 4:14 PM
71	not sure	2/12/2017 10:45 AM
72	NJ Firemens Convention	2/11/2017 10:50 PM
73	Portland,Or. Fire expo	2/11/2017 10:37 PM
74	New England Chiefs Show	2/11/2017 8:53 AM
75	n/a	2/10/2017 3:21 PM
76	South Carolina state firefighters ass.	2/10/2017 2:43 PM
77	Pigeon Forge Fire Expo	2/10/2017 8:39 AM
78	Our State Fire School	2/9/2017 11:12 PM
79	local	2/9/2017 6:40 PM
80	None- Dont have the money to go	2/9/2017 4:11 PM
81	Ffam	2/9/2017 3:58 PM
82	Massachusetts Fire Chiefs Show	2/9/2017 2:28 PM
83	None	2/9/2017 1:54 PM
84	NY Chief Show, Verona NY	2/9/2017 10:58 AM
85	local	2/9/2017 10:53 AM
86	NJ Firefighters Relief Associaiton	2/9/2017 10:50 AM
87	regional vocational training conference	2/9/2017 10:26 AM
88	Wildwood,NJ Firemens convention	2/9/2017 10:15 AM
89	NOne budget cuts	2/9/2017 10:04 AM
90	FSW reno	2/9/2017 9:54 AM

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91	expos at state level	2/9/2017 7:55 AM
92	nj firemen's convection	2/9/2017 6:34 AM
93	Nj state fire convention	2/9/2017 3:08 AM
94	Tri-State	2/9/2017 12:58 AM
95	Nys fire chiefs	2/8/2017 11:36 PM
96	None	2/8/2017 10:23 PM
97	Wisconsin Firefighters', Wisconsin Chiefs'	2/8/2017 10:11 PM
98	local trade shows in the state	2/8/2017 10:03 PM
99	AZ Fire Chiefs Expo	2/8/2017 8:33 PM
100	Various trade shows in Tennessee	2/8/2017 8:30 PM
101	Monroe vlie Fire Expo	2/8/2017 8:30 PM
102	none	2/8/2017 7:51 PM
103	WITC emergency services conference	2/8/2017 7:24 PM
104	none	2/8/2017 6:56 PM
105	New England	2/8/2017 6:52 PM
106	Can't afford to	2/8/2017 6:49 PM
107	TEEX Summer School in College Station, Tx	2/8/2017 6:43 PM
108	Oregon Fire Service Expo	2/8/2017 6:22 PM
109	none	2/8/2017 5:59 PM
110	Local	2/8/2017 5:26 PM
111	local state fire chief	2/8/2017 5:22 PM
112	None	2/8/2017 5:20 PM
113	New England Fire Chiefs Show	2/8/2017 5:16 PM
114	Pittsburgh Fire Expo	2/8/2017 5:13 PM
115	SAFE-D in Texas	2/8/2017 4:48 PM
116	None	2/8/2017 4:35 PM
117	Wi state fire chiefs convention.	2/8/2017 4:25 PM
118	ARFF Working Group Annual Conference	2/8/2017 4:10 PM
119	Chief's Show at the Big E	2/8/2017 4:08 PM
120	none	2/8/2017 4:01 PM
121	NYS Fire Chiefs	2/8/2017 4:01 PM
122	South Carolina Firefighter Association Conference	2/8/2017 3:59 PM
123	None	2/8/2017 3:58 PM
124	NYS Chiefs convention	2/8/2017 3:52 PM
125	None	2/8/2017 3:33 PM
126	n	2/8/2017 3:30 PM
127	Nj state firemens convention	2/8/2017 3:17 PM
128	Alberta Fire Chief's Convention	2/8/2017 3:15 PM
129	none	2/8/2017 3:11 PM
130	Local	2/8/2017 3:06 PM
131	Texas shows	2/8/2017 3:05 PM
132	Portland Fire Expo	2/8/2017 3:03 PM
133	reno, nv. fire show	2/8/2017 2:59 PM
134	FFAM Convention (Missouri)	2/8/2017 2:58 PM
135	None	2/8/2017 2:45 PM
136	Virginia Fire Chiefs'	2/8/2017 2:38 PM
137	none	2/8/2017 2:33 PM
138	State Conference	2/8/2017 2:33 PM
139	None	2/8/2017 2:29 PM
140	Cal Chiefs, CCAI, Prevention Institute, CA City Mgrs., Public Safety	2/8/2017 2:29 PM
141	NY chiefs show	2/8/2017 2:29 PM
142	None. Can't afford the travel expense	2/8/2017 2:27 PM
143	none	2/8/2017 2:25 PM
144	BC Fire Chiefs Convention & Trade Show	2/8/2017 2:24 PM
145	Fire Rescue East	2/8/2017 2:23 PM
146	none yet	2/8/2017 2:22 PM
147	Fire Rescue East	2/8/2017 2:20 PM
148	In state	2/8/2017 2:19 PM
149	none	2/8/2017 2:19 PM
150	SE MAFC Vendor/Trade Show	2/8/2017 2:13 PM
151	none	2/8/2017 2:08 PM

2017 FAMA Industry Outlook Survey

152	nnone	2/7/2017 6:45 PM
153	LSU Fire training show	2/7/2017 7:26 AM
154	Local in state conferences	2/6/2017 5:55 PM
155	Texas Fire Chiefs Association	2/6/2017 5:07 PM
156	Mega Show Long Island	2/6/2017 2:55 PM
157	Mass. Chiefs show	2/6/2017 1:13 PM
158	TEEX	2/6/2017 12:20 AM
159	New York Fire Chiefs Show	2/4/2017 9:13 PM
160	Fire east	2/4/2017 11:48 AM
161	Winter fire school	2/4/2017 7:14 AM
162	Mid Atlantic confrance	2/3/2017 6:00 PM
163	NYS AFC	2/3/2017 2:21 PM
164	NY State Chiefs	2/2/2017 4:16 PM
165	NJ Firemens Weekend	2/2/2017 3:21 PM
166	missouri chiefs	2/2/2017 2:41 PM
167	Maine, Combined Meeting at Bethel, Sunday River, Newry, Me.	2/2/2017 2:39 PM
168	Stfma	2/2/2017 2:13 PM
169	Southeast Michigan Chiefs Expo	2/2/2017 1:12 PM
170	none	2/2/2017 11:51 AM
171	Wildwood NJ	2/2/2017 9:53 AM
172	Michigan - based	2/2/2017 6:39 AM
173	New England Conf	2/1/2017 10:28 PM
174	local / regional conferences; NM Fire/EMS Expo	2/1/2017 10:12 PM
175	NJ Fireman's convention	2/1/2017 9:13 PM
176	SC fire conference	2/1/2017 8:45 PM
177	Nun	2/1/2017 8:18 PM
178	None yet	2/1/2017 7:29 PM
179	New England Fire Chief's	2/1/2017 5:02 PM
180	Local trade shows	2/1/2017 4:03 PM
181	Wildwood, NJ show	2/1/2017 3:18 PM
182	Local Regional shows	2/1/2017 3:14 PM
183	Illinois Fire Districts & Chiefs	2/1/2017 11:18 AM
184	SAFC SVFFA SARM	1/31/2017 5:57 PM
185	None	1/31/2017 11:46 AM
186	None	1/31/2017 11:14 AM
187	Green River	1/30/2017 8:26 PM
188	None...being in Alaska it is cost prohibited to go	1/30/2017 1:26 PM
189	non this year FDIC in the past	1/30/2017 12:43 PM
190	none	1/30/2017 10:42 AM
191	FDSOA	1/30/2017 8:17 AM
192	none	1/30/2017 7:17 AM
193	Local	1/29/2017 9:28 PM
194	local	1/29/2017 5:24 PM
195	New England Fire Chiefs	1/28/2017 10:36 PM
196	None	1/28/2017 9:24 PM
197	South Carolina Fire Fighter Association Convention	1/28/2017 3:06 PM
198	none	1/28/2017 3:05 PM
199	State Chief's Convention	1/28/2017 1:39 PM
200	FCAM	1/28/2017 10:50 AM
201	Wisconsin fire convention	1/28/2017 10:27 AM
202	None	1/28/2017 10:07 AM
203	No budget for travel expenses	1/28/2017 9:12 AM
204	New England	1/28/2017 8:51 AM
205	Fire Rescue East	1/28/2017 8:44 AM
206	NEW YORK CHIEFS, New England Chiefs	1/28/2017 7:57 AM
207	none	1/28/2017 7:25 AM
208	NYSFCA & New England Fire Chief's	1/28/2017 3:35 AM
209	san diego event	1/28/2017 1:11 AM
210	EMS Expo, MEMSA	1/27/2017 11:18 PM
211	mo fire school expo	1/27/2017 10:46 PM
212	None	1/27/2017 10:33 PM

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213	None	1/27/2017 10:28 PM
214	AZ fire chief	1/27/2017 10:08 PM
215	State Fire chiefs conference	1/27/2017 9:03 PM
216	NYS FIRE	1/27/2017 8:34 PM
217	Harrisburg Fire Expo	1/27/2017 8:17 PM
218	None can't afford to send people!	1/27/2017 7:54 PM
219	Local trade shows	1/27/2017 7:39 PM
220	Nys assoc of fire chiefs	1/27/2017 7:29 PM
221	State fire conference	1/27/2017 7:14 PM
222	None	1/27/2017 7:10 PM
223	Wisconsin Firefighters', Wisconsin Chiefs'	1/27/2017 6:58 PM
224	South east Michigan chiefs	1/27/2017 6:41 PM
225	N/A	1/27/2017 6:40 PM
226	all trade shows are to far for our members to attend	1/27/2017 6:27 PM
227	Local State Fire Chiefs show	1/27/2017 6:26 PM
228	FCAM	1/27/2017 6:21 PM
229	Local	1/27/2017 6:16 PM
230	None	1/27/2017 6:08 PM
231	none	1/27/2017 6:08 PM
232	It's been a few years and they were ones in the state, not national shows	1/27/2017 5:32 PM
233	IAFC Haz Mat Conference	1/27/2017 3:05 PM
234	WEMSA	1/27/2017 2:15 PM
235	SFFMA of Texas annual training conference	1/27/2017 12:14 PM
236	NYS Assoc of Fire Chiefs	1/26/2017 7:36 PM
237	none, cost to high.	1/26/2017 7:34 PM
238	nun	1/26/2017 5:37 PM
239	Wisconsin Chiefs	1/26/2017 1:24 PM
240	South East Resque	1/26/2017 11:49 AM
241	None	1/26/2017 10:29 AM
242	FF state convention	1/26/2017 7:59 AM
243	Virginia State Fire and Rescue Convention @ Va Beach	1/25/2017 11:32 PM
244	None	1/25/2017 7:45 PM
245	Nys chiefs	1/25/2017 6:50 PM
246	Local	1/25/2017 5:37 PM
247	local fire and rescue show	1/25/2017 5:07 PM
248	Oregon Shows	1/25/2017 12:43 PM
249	none	1/25/2017 12:09 AM
250	none	1/24/2017 7:00 PM
251	IAFF	1/23/2017 3:38 PM
252	SC FF Convention	1/23/2017 2:58 PM
253	none	1/23/2017 2:05 PM
254	LSU/FETI Equipment Show	1/22/2017 8:03 AM
255	NONE	1/22/2017 2:16 AM
256	New England Fire Chiefs	1/21/2017 7:30 PM
257	NW Fire Rescue	1/21/2017 6:30 PM
258	NYS Chies	1/21/2017 3:23 PM
259	NYS AFC	1/21/2017 1:49 PM
260	Local State Fire Schools.	1/21/2017 1:10 PM
261	ICHIEFS	1/20/2017 6:06 PM
262	Northern HEAT	1/20/2017 5:17 PM
263	Local Auto Ex competitions	1/20/2017 2:59 PM
264	Piedmont fire expo	1/20/2017 1:21 PM
265	None	1/20/2017 12:52 PM
266	gravenhurst mechanical officer course	1/20/2017 7:53 AM
267	Nysafc	1/20/2017 5:23 AM
268	State expo	1/19/2017 8:25 PM
269	Mid west fire expo	1/19/2017 3:46 PM
270	due to budget, visiting shows is fairly limited	1/19/2017 1:56 PM
271	none	1/19/2017 1:48 PM
272	LSU FETI Showcase	1/19/2017 10:53 AM
273	N/A	1/19/2017 9:21 AM

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274	none in past year	1/19/2017 8:53 AM
275	Texas Fire Chiefs Association	1/19/2017 8:33 AM
276	none	1/19/2017 8:16 AM
277	None at this time	1/19/2017 8:06 AM
278	Various trade shows in Tennessee	1/19/2017 6:49 AM
279	none	1/19/2017 1:30 AM
280	None, can't afford.	1/19/2017 12:00 AM
281	state run school	1/18/2017 11:44 PM
282	Mass Fire Chiefs	1/18/2017 11:30 PM
283	Local Show	1/18/2017 11:22 PM
284	Fire Show Reno	1/18/2017 10:21 PM
285	MO Fire/Rescue Winter Fire School	1/18/2017 9:30 PM
286	Virginia Fire Chiefs Show	1/18/2017 9:20 PM
287	cannot afford to go	1/18/2017 9:18 PM
288	FCAM	1/18/2017 8:42 PM
289	state shows	1/18/2017 8:38 PM
290	Nys	1/18/2017 8:29 PM
291	N/A	1/18/2017 8:11 PM
292	LSU	1/18/2017 7:58 PM
293	N E FIRE CHIEFS	1/18/2017 7:33 PM
294	NW Fire Rescue Expo	1/18/2017 7:24 PM
295	Scaffa	1/18/2017 7:13 PM
296	Fcabc	1/18/2017 7:02 PM
297	none	1/18/2017 6:56 PM
298	Ohio Chiefs	1/18/2017 6:50 PM
299	Louisiana Emergency Preparedness Association	1/18/2017 6:48 PM
300	Fdsoa	1/18/2017 6:37 PM
301	none	1/18/2017 6:35 PM
302	Michigan Fire Chiefs	1/18/2017 6:30 PM
303	MFCA	1/18/2017 6:20 PM
304	None	1/18/2017 6:17 PM
305	FCABC - British Columbia Canada	1/18/2017 6:06 PM
306	None	1/18/2017 6:01 PM
307	Local association shows	1/18/2017 5:54 PM
308	British Columbia fire expo	1/18/2017 5:31 PM
309	EVTABC	1/18/2017 5:28 PM
310	SCAFFA	1/18/2017 5:22 PM
311	SFFMA, TEEX, Texas Fire Chiefs	1/18/2017 5:03 PM
312	SC State Firefighters Association	1/18/2017 5:02 PM
313	Dealer open house events	1/18/2017 4:59 PM
314	None of these	1/18/2017 4:56 PM
315	NE Chiefs	1/18/2017 4:55 PM
316	Texas Municipal Fire School	1/18/2017 4:54 PM
317	None	1/18/2017 4:54 PM
318	Fire Rescue East	1/18/2017 4:43 PM
319	None	1/18/2017 4:40 PM
320	Illinois Fire Chiefs	1/18/2017 4:32 PM
321	NW Fire Expo	1/18/2017 3:59 PM
322	None	1/18/2017 1:16 PM
323	None. Not in our budget to be able to attend	1/18/2017 11:35 AM
324	Safe D	1/18/2017 10:41 AM
325	Québec chiefs convention	1/17/2017 10:25 PM
326	none	1/17/2017 8:44 PM
327	none	1/17/2017 6:39 PM
328	Nebraska Fire School	1/17/2017 2:43 PM
329	New York State Fire Chief (Fire 2017)	1/17/2017 1:54 PM
330	None	1/17/2017 1:44 PM
331	None	1/17/2017 1:37 PM
332	NC State Firefighters Conference	1/17/2017 8:28 AM
333	Fire Show in New York	1/17/2017 8:27 AM
334	local state fire shows.	1/17/2017 8:19 AM

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335	none, to costly	1/17/2017 7:59 AM
336	NONE	1/16/2017 6:20 PM
337	none at this time	1/16/2017 5:49 PM
338	Pittsburgh fire expo	1/16/2017 3:32 PM
339	Myrtle Beach Fire-Rescue Conference	1/16/2017 12:50 PM
340	fire expo long island	1/14/2017 1:16 PM
341	Fire Shows West	1/14/2017 12:37 PM
342	None - no money in budget	1/14/2017 10:39 AM
343	Alberta, Northern Heat	1/14/2017 10:33 AM
344	None	1/14/2017 9:01 AM
345	Regional MUFRTI	1/14/2017 8:48 AM
346	Haven't been to one yet	1/14/2017 8:33 AM
347	SAFRE	1/14/2017 3:11 AM
348	Oregon Fire	1/14/2017 3:10 AM
349	NYS Assoc of Fire Chiefs	1/13/2017 3:54 PM
350	none	1/13/2017 11:42 AM
351	State Fire School	1/13/2017 10:43 AM
352	Fire Rescue east	1/13/2017 10:12 AM
353	Northwest Fire Rescue Expo Portland, OR	1/12/2017 10:53 PM
354	SC Fire Convention	1/12/2017 2:17 PM
355	County chiefs' show	1/12/2017 1:23 PM
356	WI State Firefighters Convention	1/12/2017 12:06 PM
357	Chief show	1/12/2017 12:02 PM
358	NYS Chief's	1/12/2017 11:40 AM
359	Missouri Winter Fire School	1/12/2017 10:57 AM
360	N/A	1/12/2017 10:41 AM
361	Do not plan to attend due to budget	1/12/2017 9:54 AM
362	NYS chiefs	1/12/2017 8:19 AM
363	MN chiefs	1/12/2017 8:17 AM
364	South Atlantic Fire/Rescue Expo	1/12/2017 8:12 AM
365	State fire schools	1/12/2017 8:06 AM
366	State/local equipment shows	1/12/2017 7:05 AM
367	Local	1/12/2017 6:06 AM
368	None	1/12/2017 4:36 AM
369	Interschutz	1/12/2017 3:15 AM
370	None	1/12/2017 1:55 AM
371	None	1/12/2017 12:52 AM
372	None the	1/12/2017 12:23 AM
373	none but would like to attend FDIC	1/11/2017 11:35 PM
374	Missouri Fire School	1/11/2017 11:08 PM
375	Ohio Fire Chiefs	1/11/2017 11:03 PM
376	NYS Fire Chief Expo	1/11/2017 11:00 PM
377	Local fire show on Long Island	1/11/2017 10:51 PM
378	nc fire apparatus trade show	1/11/2017 10:23 PM
379	State trade show	1/11/2017 10:23 PM
380	Minnesota conventions	1/11/2017 10:19 PM
381	Local	1/11/2017 10:14 PM
382	N E Fire Chiefs	1/11/2017 10:08 PM
383	Wisconsin Fire Chiefs	1/11/2017 10:02 PM
384	State conferences	1/11/2017 10:02 PM
385	No trade shows.	1/11/2017 9:53 PM
386	New Jersey	1/11/2017 9:38 PM
387	NJ FIREFIGHTERS CONVENTION	1/11/2017 9:15 PM
388	New York Chiefs	1/11/2017 9:02 PM
389	Texas municipal fire school	1/11/2017 8:56 PM
390	Neafc	1/11/2017 8:35 PM
391	State	1/11/2017 8:27 PM
392	New York AFC	1/11/2017 8:06 PM
393	Northwest Fire/Rescue Expo	1/11/2017 6:58 PM
394	SFFMA of TEXAS	1/11/2017 6:45 PM
395	State chiefs assn.	1/11/2017 6:31 PM

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396	Pittsburgh expo	1/11/2017 6:29 PM
397	NYS chiefs show, Mass. chiefs conf..	1/11/2017 6:18 PM
398	Fire school	1/11/2017 5:54 PM
399	Local Chiefs show, New England	1/11/2017 5:44 PM
400	Local montana conferences with vendors.	1/11/2017 5:42 PM
401	none	1/11/2017 5:39 PM
402	I	1/11/2017 5:24 PM
403	Maine chiefs	1/11/2017 5:24 PM
404	Nonet	1/11/2017 5:10 PM
405	va chiefs show	1/11/2017 5:05 PM
406	None of above	1/11/2017 4:33 PM
407	New England	1/11/2017 4:32 PM
408	New England Chief	1/11/2017 4:15 PM
409	WEMSA	1/11/2017 3:53 PM
410	local fire schools	1/11/2017 3:45 PM
411	N Y Fire Chiefs Show	1/11/2017 3:36 PM
412	none	1/11/2017 3:17 PM
413	Alaska Fire Conference	1/11/2017 2:51 PM
414	EVTAO seminars	1/11/2017 2:36 PM
415	Nj Fire expo	1/11/2017 2:35 PM
416	None 2	1/11/2017 2:28 PM
417	State Fire School	1/11/2017 2:09 PM
418	None	1/11/2017 2:09 PM
419	BC Fire Chief	1/11/2017 1:24 PM
420	state fire chiefs convention	1/11/2017 1:10 PM
421	SC State fire, South Atlantic Fire Expo	1/11/2017 12:57 PM
422	Minnesota fire chiefs	1/11/2017 12:56 PM
423	Firehouse World	1/11/2017 12:46 PM
424	na	1/11/2017 12:20 PM
425	Fire Rescue East	1/11/2017 12:17 PM
426	Mm fire chiefs conference	1/11/2017 12:16 PM
427	State	1/11/2017 11:52 AM
428	Vfc	1/11/2017 11:42 AM
429	None	1/11/2017 11:42 AM
430	State/Regional Fire Chiefs Conferences	1/11/2017 10:38 AM
431	SCAFFA and MUFRTI Winter Fire School	1/11/2017 10:34 AM
432	NC shows	1/11/2017 10:19 AM
433	x	1/11/2017 9:49 AM
434	NY Chiefs	1/11/2017 8:37 AM
435	None trade shows just fire schools	1/11/2017 3:50 AM
436	None	1/10/2017 11:42 PM
437	none	1/10/2017 11:35 PM
438	AZ Fire Chiefs Association	1/10/2017 11:25 PM
439	NY State Chiefs	1/10/2017 10:27 PM
440	Firemens tournament	1/10/2017 10:22 PM
441	none	1/10/2017 10:18 PM
442	FDSOA apparatus symposium	1/10/2017 9:49 PM
443	NY Chiefs	1/10/2017 9:43 PM
444	South Carolina Firefighters Association Conference	1/10/2017 9:23 PM
445	TEEX summer fire school at Texas A&M	1/10/2017 9:09 PM
446	non	1/10/2017 8:57 PM
447	Oregon shows. Portland and Eugene	1/10/2017 8:10 PM
448	Fire Shows West, EMS World	1/10/2017 7:59 PM
449	Local fire schools	1/10/2017 7:52 PM
450	MFSA convention	1/10/2017 7:48 PM
451	Local expos in Tennessee	1/10/2017 7:44 PM
452	None of the above	1/10/2017 7:42 PM
453	BC Fire Chiefs	1/10/2017 6:48 PM
454	none	1/10/2017 6:37 PM
455	new england chiefs	1/10/2017 6:13 PM
456	SC Fire Expo	1/10/2017 5:59 PM

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457	Fire Rescue East	1/10/2017 5:46 PM
458	none	1/10/2017 4:46 PM
459	state events	1/10/2017 3:30 PM
460	State School	1/10/2017 3:26 PM
461	none	1/10/2017 3:16 PM
462	EVT Classes across the mid west	1/10/2017 3:12 PM
463	None	1/10/2017 3:06 PM
464	NONE	1/10/2017 2:48 PM
465	fire expo in Oregon	1/10/2017 2:46 PM
466	Nysafc	1/10/2017 2:45 PM
467	N/A	1/10/2017 2:24 PM
468	NYSFCA	1/10/2017 2:15 PM
469	none	1/10/2017 2:05 PM
470	NW Fire Rescue Expo, Portland OR	1/10/2017 1:55 PM
471	none	1/10/2017 1:48 PM
472	State chiefs - arizona	1/10/2017 1:35 PM
473	NYS Fire Chiefs Assoc	1/10/2017 1:34 PM
474	NYS shows	1/10/2017 1:09 PM
475	Canadian Association of Fire Chiefs, Fire Chiefs' Association of British Columbia & BC Provincial Mine Rescue Competition	1/10/2017 12:48 PM
476	none	1/10/2017 12:36 PM
477	Wisconsin Fire Chiefs', Wisconsin Firefighters'	1/10/2017 12:27 PM
478	WI Fire Chiefs	1/10/2017 12:24 PM
479	WITC emergency services conference	1/10/2017 12:11 PM
480	None	1/10/2017 12:06 PM
481	NYS Association of Fire Chiefs	1/10/2017 12:04 PM
482	National Shows when held locally.	1/10/2017 11:58 AM
483	Ga. Assoc. of Fire Chiefs Conference	1/10/2017 11:45 AM
484	NBAFC and MFC	1/10/2017 11:42 AM
485	havent attended in last 5 years	1/10/2017 11:34 AM
486	None due to locations budget	1/10/2017 11:34 AM
487	none	1/10/2017 11:18 AM
488	Industrial Fire World	1/10/2017 11:17 AM
489	Local	1/10/2017 11:16 AM
490	Michigan Chiefs	1/10/2017 11:14 AM
491	None	1/10/2017 11:13 AM
492	Local Conferences	1/10/2017 11:09 AM
493	Fire Rescue East	1/10/2017 10:59 AM
494	NYS Fire Chiefs show	1/10/2017 10:49 AM
495	State fire convention.	1/10/2017 10:49 AM
496	There is Fire Expo in Perry GA everyother year	1/10/2017 10:45 AM
497	New England Fire Chiefs	1/10/2017 10:38 AM
498	NE Chiefs Show.	1/10/2017 10:33 AM
499	None	1/10/2017 10:33 AM
500	fire cillege gravenhurst	1/10/2017 10:33 AM
501	Typically none, or just local ones	1/10/2017 10:30 AM
502	NEW ENGLAND FIRE CHIEF'S	1/10/2017 10:30 AM
503	Arkansas state asso.	1/10/2017 10:25 AM
504	Fire East Datona, FL	1/10/2017 10:18 AM
505	Michigan Fire Expo	1/10/2017 10:12 AM
506	New England Fire Chiefs Expo	1/10/2017 10:08 AM
507	None	1/10/2017 10:06 AM
508	Mid-west fire expo	1/10/2017 10:03 AM
509	only local training with vendors (inside state due to budget)	1/10/2017 10:02 AM
510	Local expos	1/10/2017 9:58 AM
511	New York State Chiefs	1/10/2017 9:57 AM
512	none	1/10/2017 9:55 AM
513	State Association	1/10/2017 9:52 AM
514	Only EMS conferences recently	1/10/2017 9:39 AM
515	budget has not let me attend any in the last 3 years	1/10/2017 9:36 AM
516	NJ Firefighters Assn. - Wildwood, NJ	1/10/2017 9:35 AM

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517	Fire Schools within the state	1/10/2017 9:34 AM
518	N/A	1/10/2017 9:33 AM
519	Fire Rescue East	1/10/2017 9:23 AM
520	NYS Chiefs	1/10/2017 9:22 AM
521	FDSOA	1/10/2017 9:19 AM
522	Local	1/10/2017 9:19 AM
523	NEFCA	1/10/2017 9:19 AM
524	NJ fireman's convention	1/10/2017 9:17 AM
525	New England fire chiefs show	1/10/2017 9:14 AM
526	MU FRTI Winter Fire School Expo	1/10/2017 9:14 AM
527	None	1/10/2017 9:14 AM
528	None	1/10/2017 9:13 AM
529	NY State Chief Show	1/10/2017 9:13 AM
530	None	1/10/2017 9:13 AM
531	Arizona Fire Chiefs Association	1/10/2017 9:08 AM
532	Local.	1/10/2017 9:07 AM
533	None	1/10/2017 9:02 AM
534	None	1/10/2017 9:02 AM
535	New England Fire Chiefs Expo	1/10/2017 8:59 AM
536	none	1/10/2017 8:42 AM
537	None	1/10/2017 8:25 AM
538	NYS Chief's	1/10/2017 1:44 AM
539	SAFRE	1/8/2017 2:01 PM
540	Wisconsin chiefs	1/8/2017 12:14 PM
541	South Atlantic fire rescue expo	1/8/2017 11:54 AM
542	Western Mass Chief's Show	1/8/2017 11:00 AM
543	BC fire Chiefs	1/8/2017 9:45 AM
544	Piedmont fireshow	1/8/2017 9:05 AM
545	Nys chiefs show	1/8/2017 7:34 AM
546	NYS Fire Chiefs Show	1/6/2017 9:46 PM
547	n/a	1/6/2017 3:56 PM
548	Illinois Trade Shows	1/5/2017 8:04 PM
549	MSFA in Ocean City Maryland	1/5/2017 3:20 PM
550	NYS Assn of Fire Chiefs	1/4/2017 4:10 PM
551	Fire/Rescue East, Firehouse World, NY State Chiefs	1/4/2017 10:44 AM
552	New York State Fire Chief Association	12/26/2016 12:19 PM
553	PRFC Conference	12/22/2016 6:03 PM
554	Have not attended any-----costs	12/22/2016 5:30 PM
555	South Carolina Fireman's Assc.	12/22/2016 1:47 PM
556	Mfca	12/22/2016 9:10 AM
557	AUSA	12/22/2016 6:57 AM
558	none	12/22/2016 6:51 AM
559	fire shows west	12/22/2016 2:05 AM
560	NONE	12/22/2016 12:08 AM
561	None	12/21/2016 8:00 PM
562	Chiefs show Syracuse Newyork	12/21/2016 6:07 PM
563	None	12/21/2016 5:47 PM
564	N/A	12/21/2016 9:20 AM
565	None	12/21/2016 8:45 AM
566	None	12/20/2016 10:16 PM
567	Mass Fire Expo	12/20/2016 9:45 PM
568	None	12/20/2016 7:39 PM
569	None	12/20/2016 7:16 PM
570	State Level Show	12/20/2016 7:14 PM
571	Virginia/ North Carolina Shows	12/20/2016 7:03 PM
572	None	12/20/2016 6:57 PM
573	NJ Fire Convention	12/20/2016 6:57 PM
574	None	12/20/2016 6:56 PM
575	Iowa fire school	12/20/2016 6:52 PM
576	Regional. Iowa fire school. Missouri fire school.	12/20/2016 6:46 PM
577	Columbia, Missouri MUFRTI Equipment Expo	12/20/2016 6:43 PM

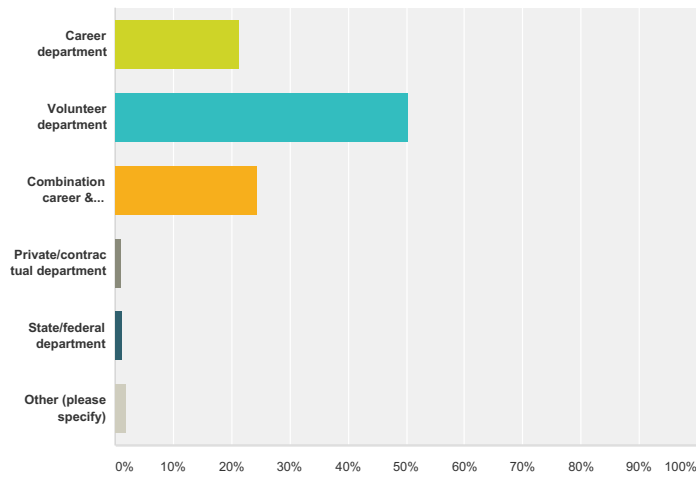
2017 FAMA Industry Outlook Survey

578	Piedmont fire expo	12/18/2016 3:16 PM
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2017 FAMA Industry Outlook Survey

Q23 What type of organization is your fire department?

Answered: 1,330 Skipped: 312



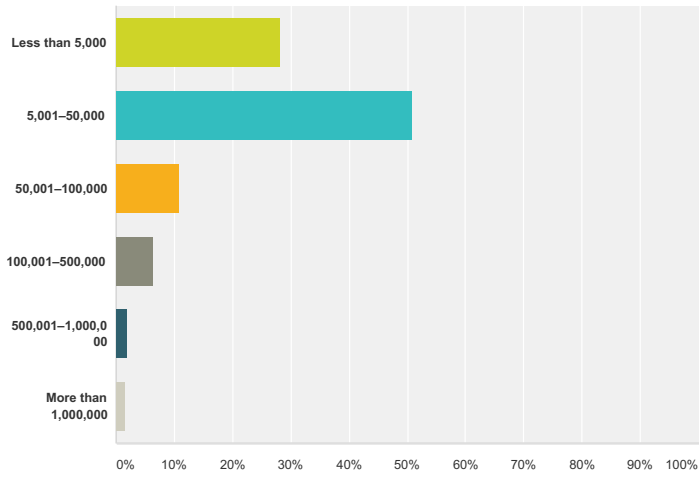
Answer Choices	Responses
Career department	21.20% 282
Volunteer department	50.38% 670
Combination career & volunteer department	24.36% 324
Private/contractual department	0.98% 13
State/federal department	1.28% 17
Other (please specify)	1.80% 24
Total	1,330

#	Other (please specify)	Date
1	Career and part time	2/19/2017 6:03 PM
2	Paid on call	2/16/2017 12:18 PM
3	Career and part time	2/10/2017 7:06 PM
4	Paid on call personnel	2/10/2017 1:00 AM
5	Tribal	2/8/2017 8:33 PM
6	career ems and rescue department	2/8/2017 5:05 PM
7	Industrial	2/8/2017 4:35 PM
8	Na	2/8/2017 4:29 PM
9	Paid on Call	2/8/2017 2:58 PM
10	industrial	2/8/2017 2:06 PM
11	Part time paid and paid on call volunteers	1/19/2017 6:11 PM
12	Paid on call	1/18/2017 9:45 PM
13	Paid by Call	1/18/2017 4:54 PM
14	none	1/17/2017 8:44 PM
15	EMS / Rescue / Special Operations	1/16/2017 8:40 PM
16	Industrial	1/12/2017 4:36 AM
17	Paid on call	1/12/2017 1:55 AM
18	Career and paid on call	1/11/2017 8:12 PM
19	Paid on Call	1/11/2017 1:24 PM
20	Paid per call	1/10/2017 7:42 PM
21	Paid on Call	1/10/2017 2:24 PM
22	sales rep	1/10/2017 9:45 AM
23	Paid on Call	1/10/2017 9:11 AM
24	I	1/10/2017 9:04 AM

2017 FAMA Industry Outlook Survey

Q24 What size population does your department serve?

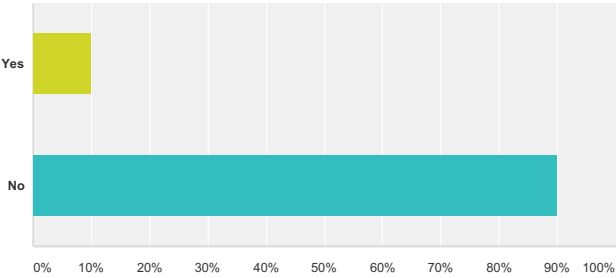
Answered: 1,330 Skipped: 312



Answer Choices	Responses	
Less than 5,000	28.20%	375
5,001-50,000	50.90%	677
50,001-100,000	10.90%	145
100,001-500,000	6.47%	86
500,001-1,000,000	1.80%	24
More than 1,000,000	1.73%	23
Total		1,330

Q25 Do you currently have a FAMA Apparatus Safety Guide in each fire apparatus?

Answered: 1,330 Skipped: 312

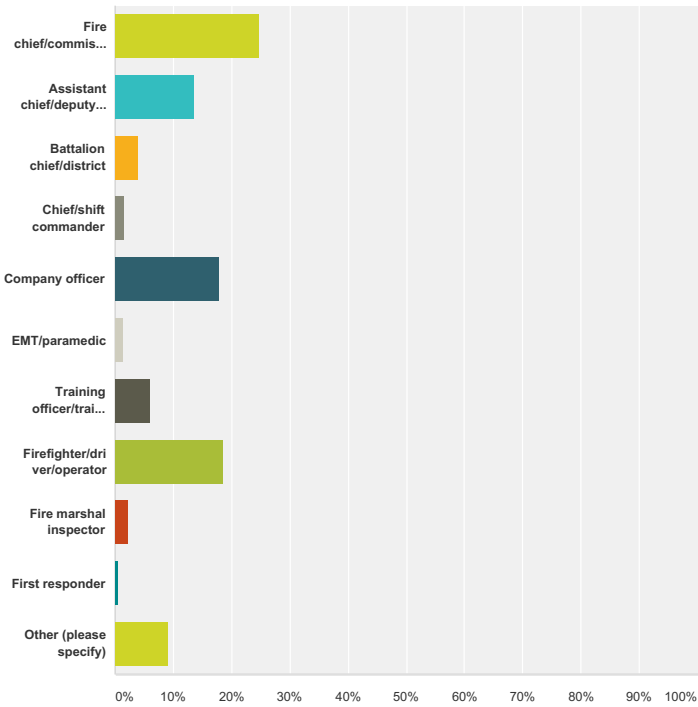


Answer Choices	Responses	
Yes	9.92%	132
No	90.08%	1,198
Total		1,330

2017 FAMA Industry Outlook Survey

Q26 Please select your primary occupation/title.

Answered: 1,305 Skipped: 337



Answer Choices	Responses
Fire chief/commissioner	24.75% 323
Assistant chief/deputy chief	13.64% 178
Battalion chief/district	3.98% 52
Chief/shift commander	1.61% 21
Company officer	18.01% 235
EMT/paramedic	1.38% 18
Training officer/training chief/instructor	6.05% 79
Firefighter/driver/operator	18.54% 242
Fire marshal inspector	2.22% 29
First responder	0.54% 7
Other (please specify)	9.27% 121
Total	1,305

#	Other (please specify)	Date
1	FF/EMT/HM-T	2/24/2017 2:56 PM
2	Rescue Squad Chief	2/24/2017 8:32 AM
3	Fire District Manager	2/24/2017 8:04 AM
4	Communications officer/purchasing agent	2/23/2017 4:47 PM
5	Safety officer	2/23/2017 2:22 PM
6	Past chief, firefighter	2/23/2017 12:43 PM
7	I am a volunteer, paying job is controller for radiological remediation company	2/16/2017 4:58 PM
8	CAPTAIN FF/PARAMEDIC	2/16/2017 11:58 AM
9	Retired Fire Chief / County Fire Instructor	2/16/2017 9:27 AM
10	County Fire Coordinator	2/16/2017 9:00 AM
11	Past Chief	2/15/2017 2:02 PM
12	ex chief, ex commissioner	2/10/2017 12:28 PM
13	lieutenant	2/9/2017 12:31 PM
14	procurement	2/9/2017 10:27 AM
15	Firefighter Paramedic	2/9/2017 9:25 AM

2017 FAMA Industry Outlook Survey

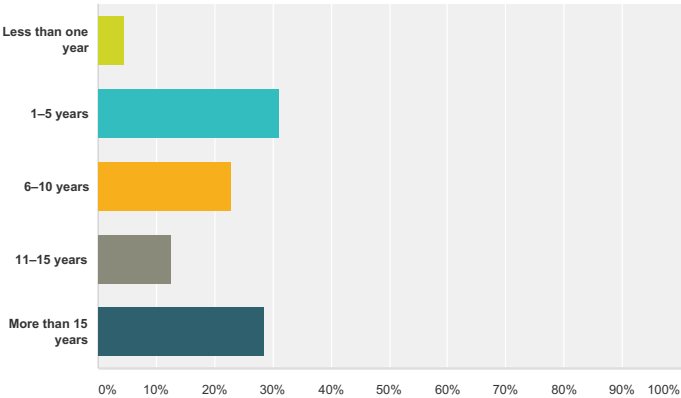
16	county fire coordinator	2/9/2017 6:37 AM
17	Fire Prevention Officer	2/8/2017 9:35 PM
18	Past chief engineer	2/8/2017 8:33 PM
19	Director	2/8/2017 7:40 PM
20	Treasurer	2/8/2017 5:24 PM
21	trustee board pres	2/8/2017 4:49 PM
22	Fire Protection Engineer	2/8/2017 4:37 PM
23	Na	2/8/2017 4:31 PM
24	Fire equipment fleet manager	2/8/2017 3:07 PM
25	Company Officer, EMT, Maintenance, Fire Prevention	2/8/2017 3:05 PM
26	Administrator/First Responder	2/8/2017 2:53 PM
27	Fire Chief - Retired	2/8/2017 2:40 PM
28	Safety officer	2/8/2017 2:31 PM
29	Fire Coordinator	2/8/2017 2:24 PM
30	Fleet coordination	2/8/2017 2:24 PM
31	ff/emt/inst	2/8/2017 4:32 PM
32	President of the department and Deputy Chief	2/8/2017 1:15 PM
33	Logistical & Fleet Management Officer	2/5/2017 5:41 PM
34	Chaplain	2/4/2017 4:25 AM
35	Safety officer	2/2/2017 8:05 AM
36	safety officer	2/1/2017 12:08 PM
37	Ex-Chief / Apparatus Committee Chairperson	1/31/2017 2:31 PM
38	Past Chief	1/30/2017 6:37 PM
39	Division Chief of Apparatus and Equipment	1/30/2017 8:51 AM
40	Shop Manager	1/30/2017 8:19 AM
41	Volunteer chief	1/28/2017 9:26 PM
42	safety officer	1/28/2017 12:01 PM
43	HEAD MASTER MECHANIC	1/28/2017 10:53 AM
44	x chief	1/28/2017 7:27 AM
45	Retired captain mechanic	1/27/2017 6:44 PM
46	retired retired asst. chief and fire investigator	1/27/2017 6:31 PM
47	Ex Fire chief and commissioner	1/27/2017 6:21 PM
48	Firefighter/EMT	1/27/2017 6:10 PM
49	Health and Safety Officer	1/26/2017 1:26 PM
50	Safety Officer	1/26/2017 9:12 AM
51	Mechanic	1/26/2017 7:42 AM
52	Firefighter/Paramedic	1/25/2017 4:18 PM
53	Fire Inspector/Investigator	1/23/2017 4:05 PM
54	Safety Committee	1/23/2017 3:40 PM
55	mechanical officer	1/20/2017 7:56 AM
56	Engineer/Paramedic	1/20/2017 7:10 AM
57	Quartermaster	1/19/2017 12:35 PM
58	Firefighter / Purchasing Officer	1/19/2017 12:03 AM
59	mechanic	1/18/2017 9:12 PM
60	Administrative Captain	1/18/2017 9:04 PM
61	Division Chief	1/18/2017 8:32 PM
62	chief mechanic	1/18/2017 8:03 PM
63	Master EVT	1/18/2017 5:31 PM
64	Past Chief	1/18/2017 5:14 PM
65	Safety Officer	1/18/2017 1:20 PM
66	Ems coordinator	1/17/2017 7:02 PM
67	Safety	1/17/2017 1:44 PM
68	FF/ EMT	1/17/2017 1:16 PM
69	Lt	1/14/2017 8:53 AM
70	Quartermaster	1/14/2017 4:44 AM
71	APPARATUS SPECS CMTE CHAIR	1/12/2017 2:32 PM
72	FF/EMT, Training committee, Truck Replacement Committe	1/12/2017 12:09 PM
73	Firefighter/EMT	1/12/2017 11:01 AM
74	Retired	1/11/2017 11:58 PM
75	Evt	1/11/2017 11:41 PM
76	safety officer and board member	1/11/2017 10:25 PM

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77	Capital Projects Chmn	1/11/2017 10:11 PM
78	Retired Batt Chief	1/11/2017 8:28 PM
79	Firefighter. Emergency Vehicle Tech	1/11/2017 8:15 PM
80	lieutenant	1/11/2017 7:34 PM
81	Firefighter/Paramedic	1/11/2017 7:04 PM
82	Imedeate Past Chief	1/11/2017 4:35 PM
83	Secretary/treasurer	1/11/2017 3:55 PM
84	mechanic	1/11/2017 2:51 PM
85	Firefighter/driver/operator /mechanical officer	1/11/2017 2:40 PM
86	Interested party.	1/11/2017 1:40 PM
87	Mechanic	1/11/2017 12:58 PM
88	Engineer/Firefighter/EMT	1/11/2017 12:10 PM
89	Director	1/11/2017 10:25 AM
90	Safety officer	1/10/2017 8:13 PM
91	Treasurer and fire fighter/emr	1/10/2017 6:01 PM
92	sr firefighter	1/10/2017 4:32 PM
93	Retired Fire Chief / empoyted @ major fire equipment dealer	1/10/2017 3:33 PM
94	mechanical supervisor	1/10/2017 3:18 PM
95	mechanic	1/10/2017 2:20 PM
96	O	1/10/2017 1:35 PM
97	Purchase committee, grant writer	1/10/2017 1:23 PM
98	Retired	1/10/2017 12:59 PM
99	Board Member	1/10/2017 11:37 AM
100	recently retired firefighter/driver operator	1/10/2017 11:20 AM
101	Fire Equipment Specialist/Mechanic	1/10/2017 11:16 AM
102	President	1/10/2017 10:51 AM
103	mechanical officer	1/10/2017 10:33 AM
104	Apparatus tech	1/10/2017 10:07 AM
105	EVT	1/10/2017 10:07 AM
106	business owner	1/10/2017 9:46 AM
107	Firefighter / Ex-Chief	1/10/2017 9:37 AM
108	Fleet administrator	1/10/2017 9:27 AM
109	Fleet Coordinator	1/10/2017 9:26 AM
110	Logistics fleet manager and everything else	1/10/2017 9:21 AM
111	Mechanic	1/10/2017 9:15 AM
112	Sergeant Police	1/10/2017 8:26 AM
113	support	1/8/2017 6:29 PM
114	Fleet Maintenance	1/8/2017 10:53 AM
115	President & Past Fire Chief	1/7/2017 8:38 PM
116	President	12/26/2016 12:23 PM
117	Safety Officer	12/22/2016 6:04 PM
118	Fire Commissioner/ Captain/ Paramedic	12/22/2016 1:50 PM
119	Squad leader	12/22/2016 6:59 AM
120	Junior Firefighter	12/21/2016 5:09 PM
121	Captain	12/21/2016 8:47 AM

Q27 How long have you been in your position?

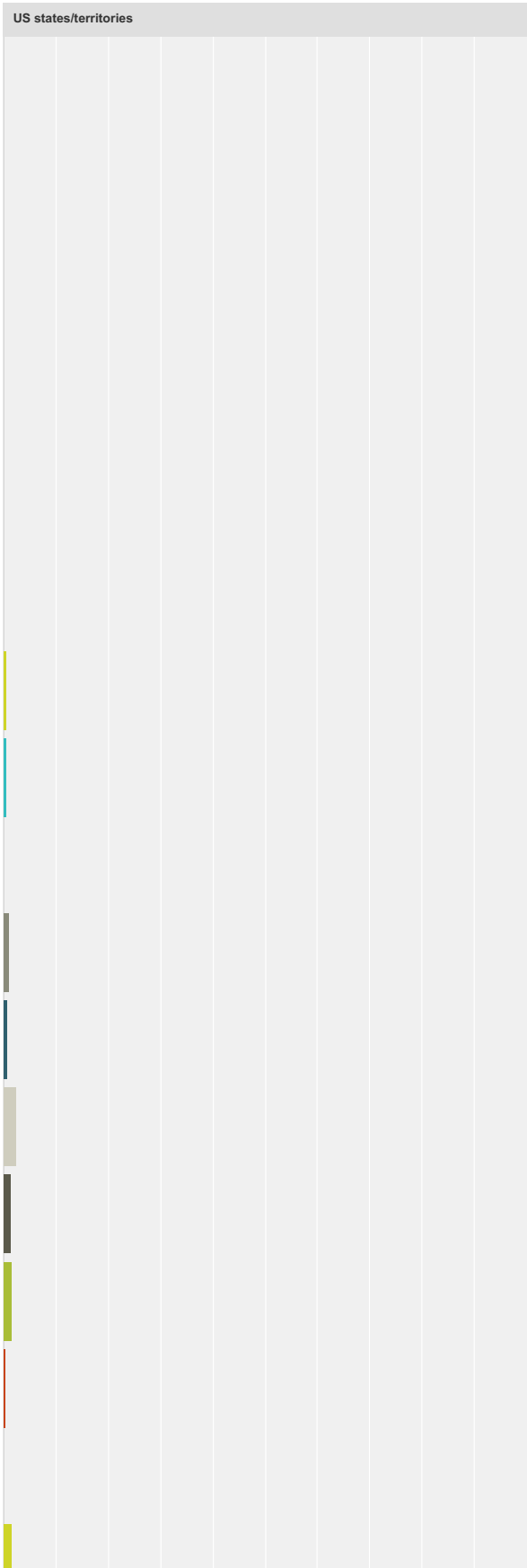
Answered: 1,305 Skipped: 337

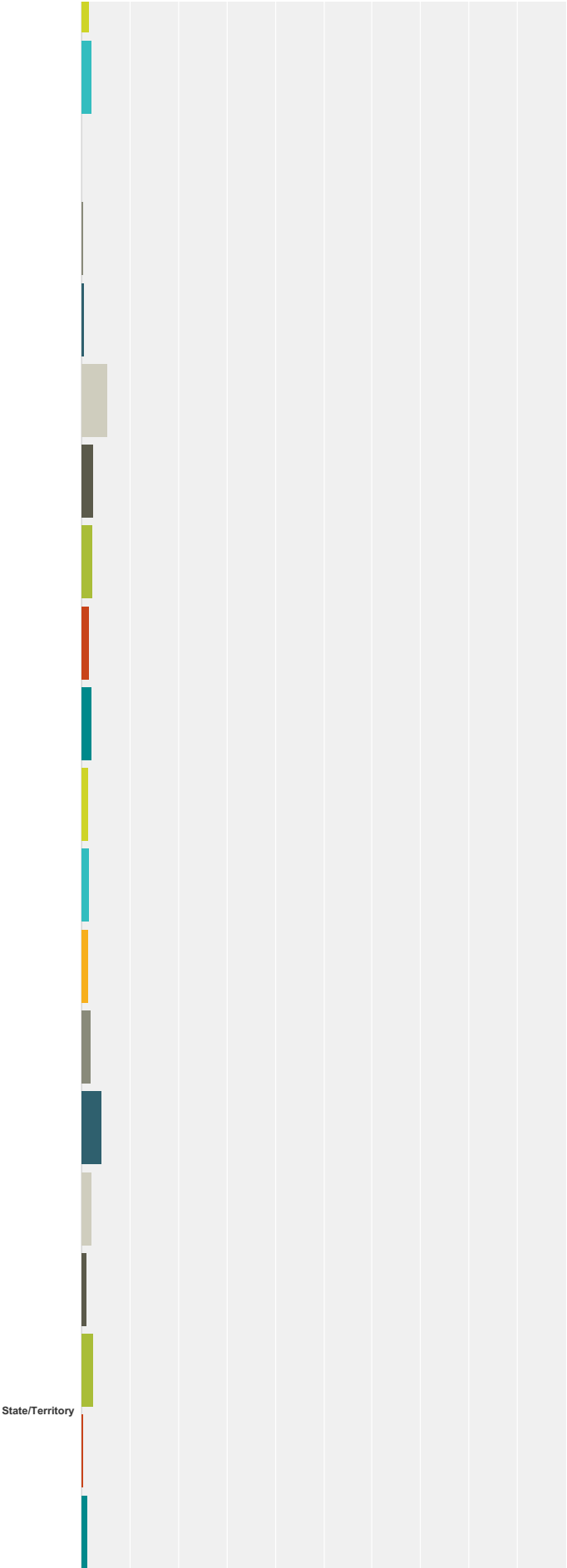


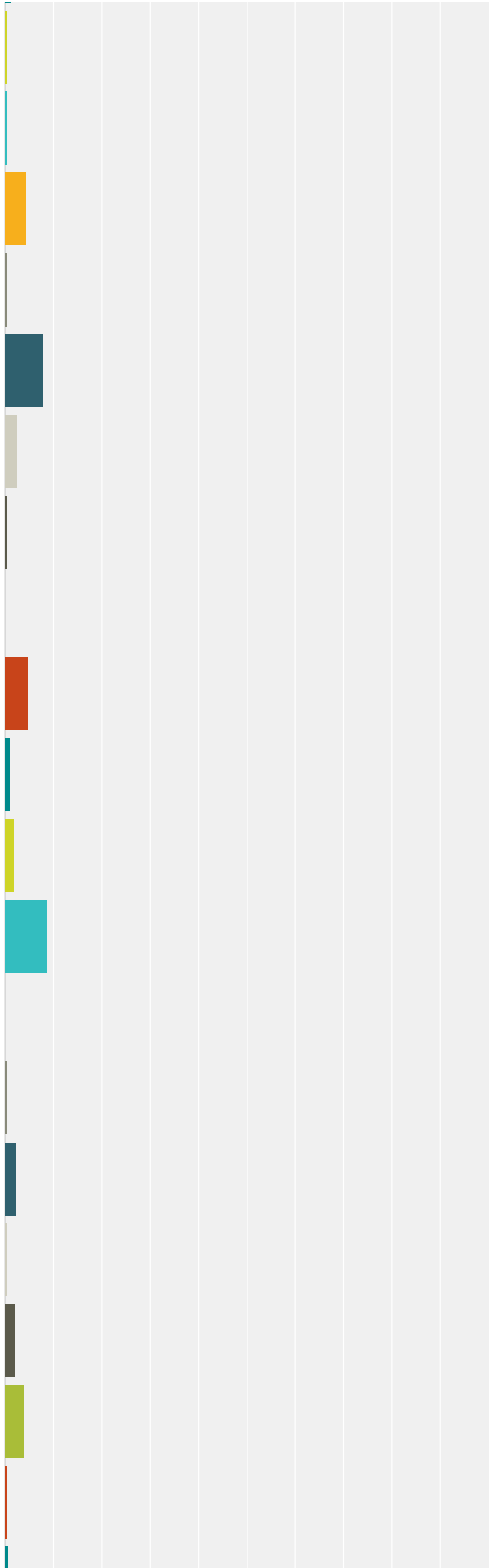
Answer Choices	Responses
Less than one year	4.60%60
1-5 years	31.11%406
6-10 years	23.07%301
11-15 years	12.57%164
More than 15 years	28.66%374
Total	1,305

Q29 In which state/province/territory is your department located?

Answered: 1,294 Skipped: 348



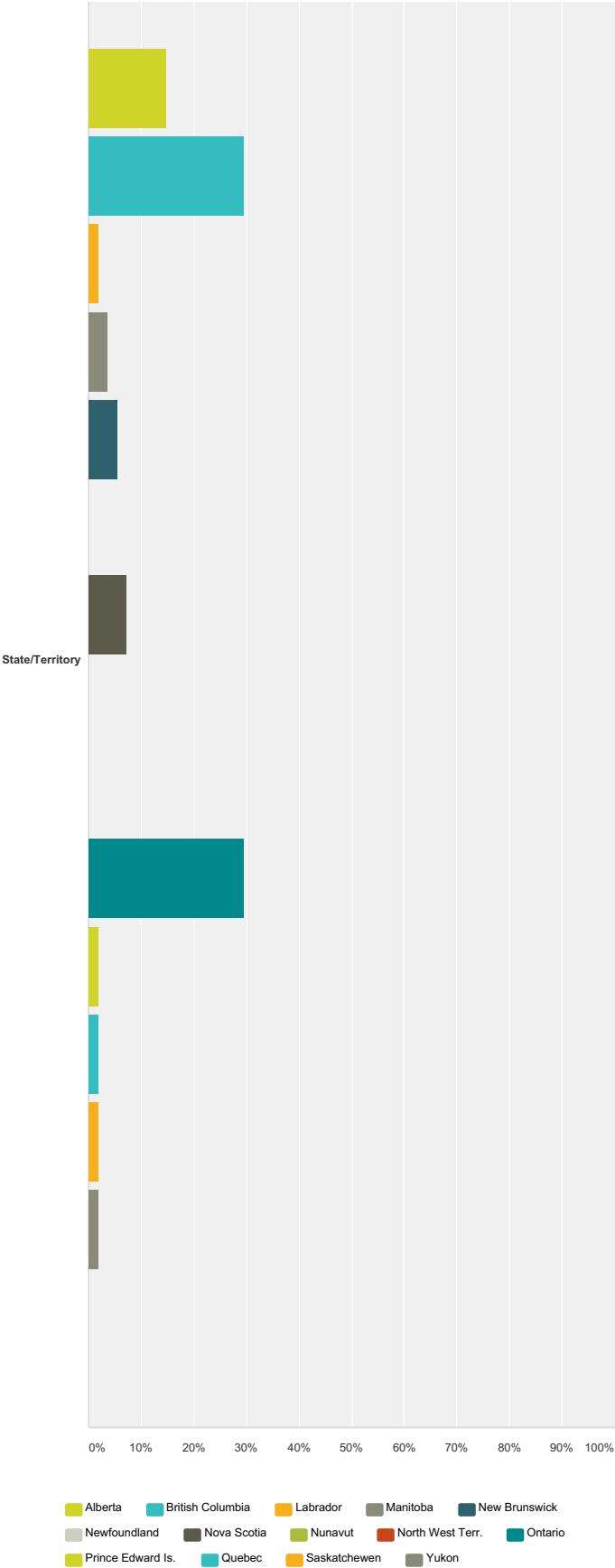




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US states/territories																			
	Alabama	Alaska	American Samoa	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Guam	Hawaii	Idaho	Illinois	Indiana	Iowa	K

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State/Territory	0.72% 9	0.72% 9	0.00% 0	1.12% 14	0.88% 11	2.40% 30	1.52% 19	1.76% 22	0.48% 6	0.08% 1	1.60% 20	2.00% 25	0.08% 1	0.40% 5	0.64% 8	5.37% 67	2.56% 32	2.32% 29
Canadian provinces/territories																		
	Alberta	British Columbia	Labrador	Manitoba	New Brunswick	Newfoundland	Nova Scotia	Nunavut	North West Terr.	Ontario	Prince Edward Is.	Quebec	Saskatchewan	Yukon	Total			
State/Territory	14.81% 8	29.63% 16	1.85% 1	3.70% 2	5.56% 3	0.00% 0	7.41% 4	0.00% 0	0.00% 0	29.63% 16	1.85% 1	1.85% 1	1.85% 1	1.85% 1	54			