E. Historical Perspective and Summary of System Performance

Distribution Factors

The concept of distribution requires first due resources throughout the jurisdiction for all initial intervention. Fire stations are located to ensure rapid deployment of first due resources for the purpose of minimizing and terminating average and routine emergencies.
Distribution strives for an equitable level of outcome; that is, everyone has a fire station approximately within the same reach in a community. Distribution is primarily based upon equal probabilities that all areas experience emergencies, not totally on the risk or consequence of those incidents. For example, a department could decide that an area of low risk could have fire companies travel far greater than that of a high risk, high consequence area, but would the citizens in the low risk areas accept a different service? Additionally, aggressive EMS response times based upon successful intervention in cardiac related cases may drive distribution to be the same community-wide, which negates different distribution based on risk.

Distribution is measured by the percentage of the jurisdiction covered by the first due units within the designated response areas. Policies may include benchmarks for intervention, such as pre arrival prior to flash over or to EMS incidents prior to brain death in cardiac arrest. From risk assessment and benchmark comparisons, the jurisdiction may use critical analysis to identify needed resource distribution and staffing patterns.
A statement of distribution is essentially the record of the location of resources to ensure that all initial intervention is with the specific time frame identified in a community's performance goal statement for each risk type. Distribution implies that there are certain risks that will require resources beyond that available on initial attack. Distribution factors may include some or all of the following:

- Population per first due area***
- Area served by first due company (square miles)***
- Number of total road miles***
- Dwelling units per first due area
- Maximum travel time in each first due area***
- Catchment areas to determine area gaps and overlaps of first due resources (a catchment area is the area and population from which a community or individual service attracts visitors or customers)

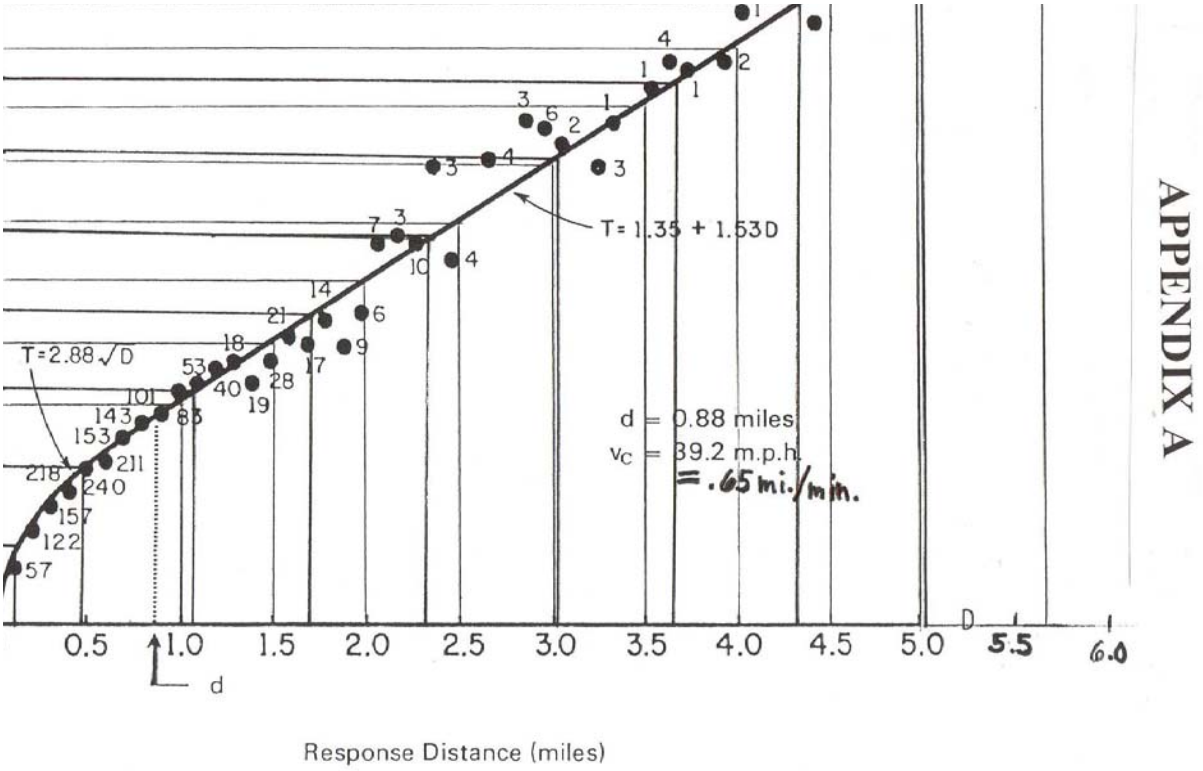
- Areas outside of draft performance areas
- First due unit arrival times***

(***indicates criteria utilized to compile distribution study)

Station Response Area	Population 2010	Area (sq mi)	Station Response Area Road Miles	Population Density (people/sq mi)	Furthest Distance within Response Area (mi)	Maximum Travel Time (min) T=.65+1.7D	Density Zone
1	26583	2.1	42.89	12780.3	1.65	3.46	Metropolitan
2	24113	2.5	52.46	9493.3	2.22	4.43	Metropolitan
3	50887	14.3	192.57	3553.6	4.96	9.09	Metropolitan
4	10714	20.0	87.24	535.7	5.38	9.79	Rural
5	30231	6.0	109.12	5030.1	2.31	4.58	Metropolitan
6	28589	4.0	75.63	7237.7	2.20	4.39	Metropolitan
7	13621	3.6	61.58	3804.8	3.30	6.26	Metropolitan
8	75671	12.7	168.31	5944.3	5.79	10.49	Metropolitan
9	1351	15.4	30.70	87.6	5.46	9.93	Rural
10	14054	9.5	98.60	1479.4	3.87	7.24	Suburban
11	19091	5.2	76.30	3692.7	3.68	6.9	Metropolitan
12	30286	6.4	79.25	4739.6	2.54	4.97	Metropolitan
13	19946	33.3	120.78	598.8	5.04	9.22	Rural
14	7547	86.7	147.09	87.1	7.92	14.13	Rural
15	48235	18.8	160.08	2565.7	4.94	9.06	Urban
16	29966	4.3	83.20	7034.3	1.97	4.01	Metropolitan
17	17376	41.4	124.94	419.4	6.55	11.79	Rural
18	46584	8.7	125.90	5336.1	2.84	5.48	Metropolitan
19	22874	3.8	74.70	6035.4	2.67	5.19	Metropolitan
20	26994	4.1	81.42	6665.2	2.92	5.61	Metropolitan
21	25287	4.1	69.57	6243.7	2.36	4.67	Metropolitan
22	33695	20.5	101.43	1641.3	5.13	9.38	Suburban
23	32693	6.6	87.02	4968.5	4.91	9.01	Metropolitan
24	24016	10.4	110.90	2315.9	3.73	7	Urban
25	50641	10.8	133.71	4684.6	4.83	8.86	Metropolitan
26	21987	6.5	89.35	3377.4	5.00	9.15	Metropolitan
28	31120	16.4	133.66	1903.4	5.18	9.46	Suburban
29	28925	4.7	60.67	6180.6	3.69	6.93	Metropolitan
30	12308	17.2	87.91	715.2	5.87	10.64	Rural
31	56314	38.5	240.61	1463.1	8.39	14.91	Suburban
33	32080	15.1	148.75	2125.9	4.90	8.99	Urban
34	30603	13.3	106.77	2307.9	4.23	7.84	Urban
35	13732	21.5	99.15	639.6	4.75	8.73	Rural
40	32855	16.8	146.95	1956.8	6.48	11.67	Suburban

***population is based upon 2010 census block

In the 1970's, the Rand Institute conducted a response time study involving New York City Fire Department (FDNY) apparatus. The study's findings show that FDNY apparatus traveled at an average speed of 39.2 mph enroute to calls following the initial 0.5 mile of the response route when the units were accelerating to that cruising speed (see Appendix A). The study is widely accepted throughout the nation, and similar results have been replicated in municipalities of varying sizes elsewhere in the United States.



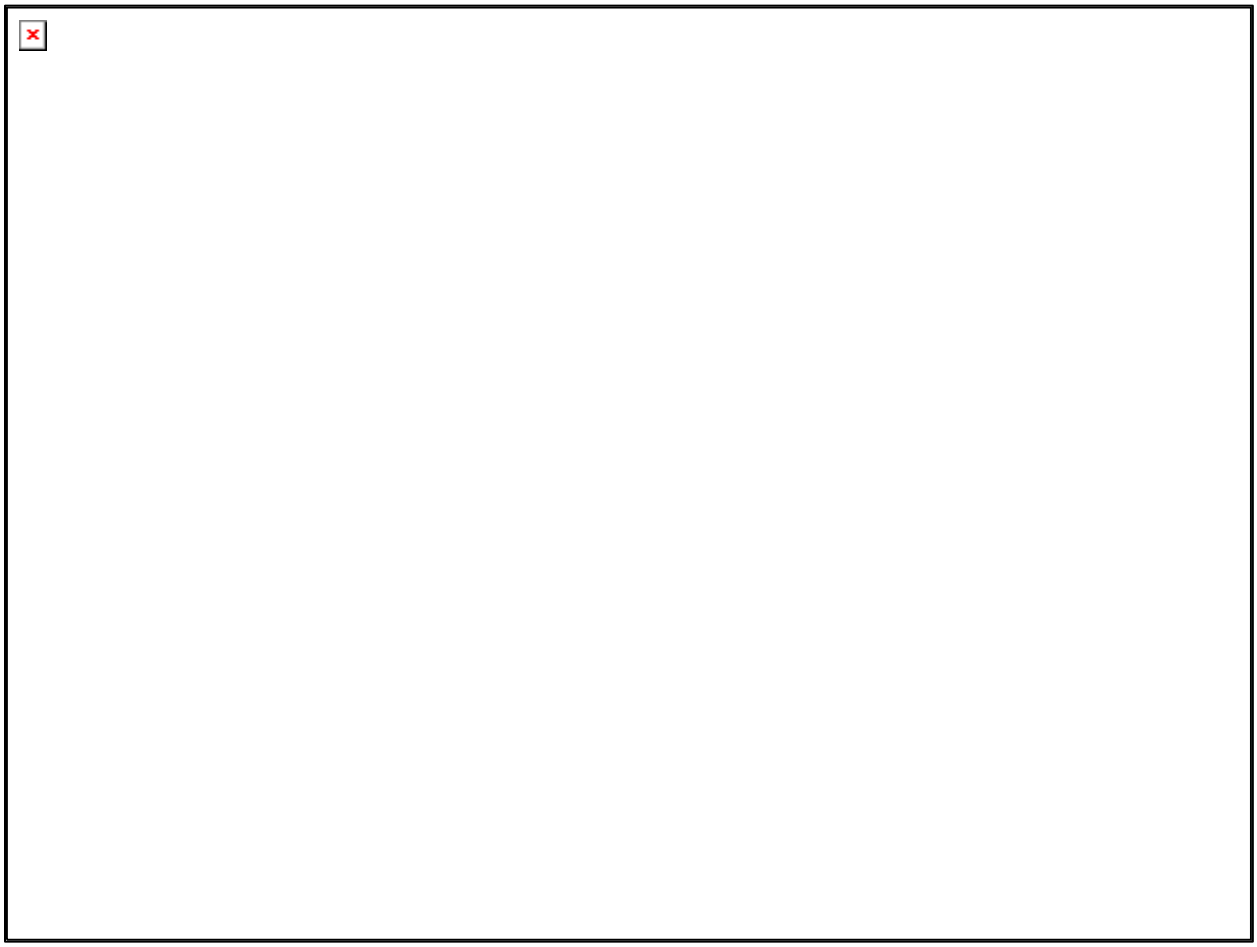
Response Distance (miles)

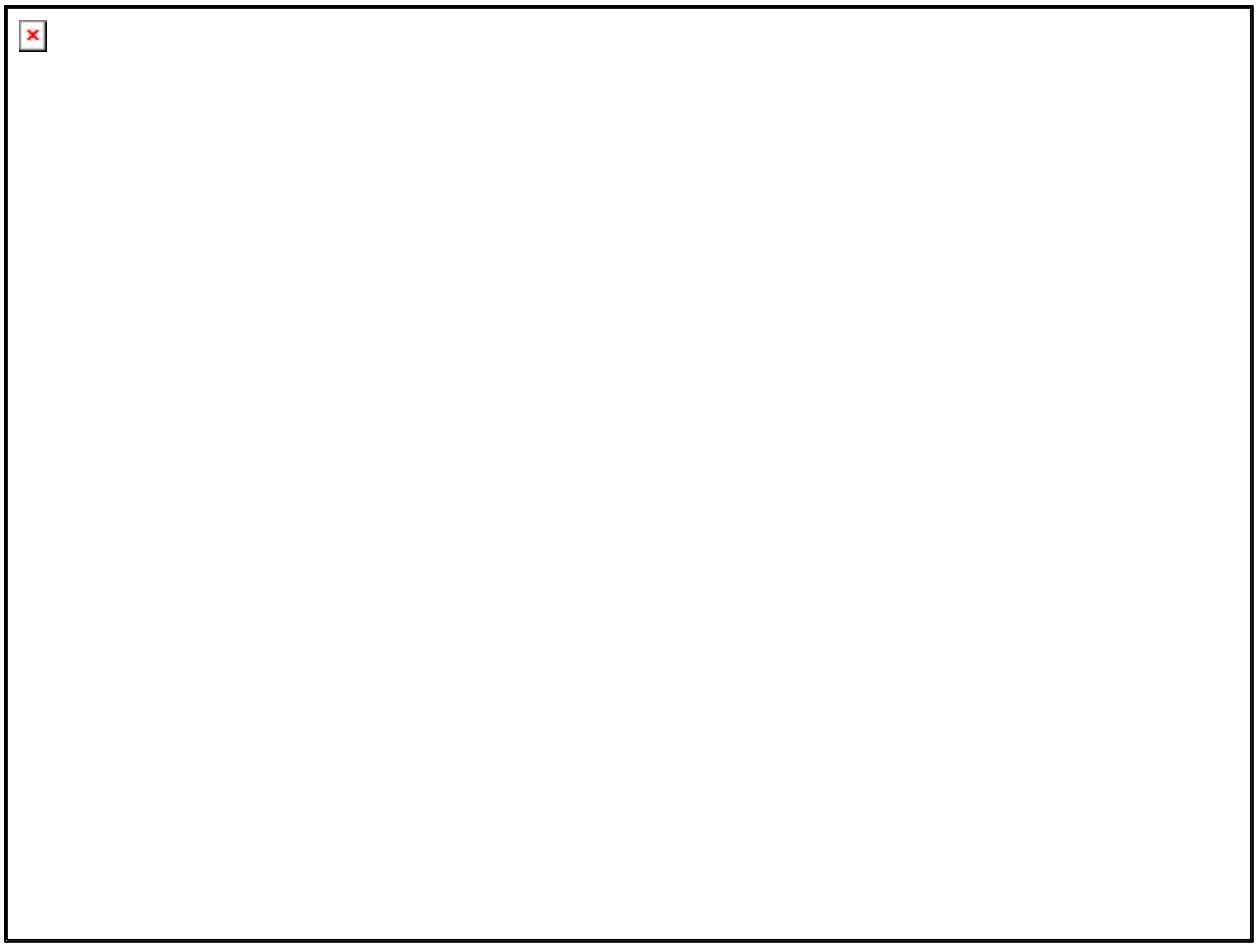
E 6.3. Travel time vs. distance: all responses, all companies, New York

Source: "Fire Department Deployment Analysis," The Rand Fire Project

APPENDIX A

Montgomery County has adopted the Rand Study tool to evaluate travel time versus distance when analyzing response time data compared to road miles within each individual station response area. ISO recently completed a distribution study in Montgomery County based upon Rand calculations using hydrant protected road mileage of 1.5 miles for engine companies and 2.5 miles for ladder companies. An initial “Standard Response District” was determined and averaged from all engine & ladder company locations, and then 50% of that SRD figure was the amount of road mileage used to identify additional needed engine & ladder company locations.





Concentration Factors

The concept of concentration calls for the spacing of multiple resources close enough in proximity to form an effective response force (ERF) that can be assembled on the scene within an adopted public policy time frame based upon varying levels of risk. The ERF, based upon critical task analysis previously completed, should be able to stop the escalation or progress of an emergency but may call for additional assistance to complete additional task and support crew rotations. While distribution was about first unit arrival, concentration is about having the appropriate equipment and staffing in a specific timeframe that permits the effective servicing of the event. Where distribution is about time and distance, concentration is about calls for service and risk levels being protected. Factors contributing to a concentration study may include some or all of the following:

- Number of calls per response area
- Call density within given geographic zone

- Percentage of equally sized analysis areas in each first-due by risk zone
- Arrival sequence of units
- Area served by specialty units
- Areas outside of draft performance objectives for the ERF

Availability/Reliability Factors

CFAI defines unit availability as the amount of time a unit is available to respond to an emergency within its own service area. A unit unavailable for response provides an inadequate service to the community. Montgomery County Fire and Rescue Services analyzed its data by taking the total number of calls for service to which the first arriving unit responds within its service area and divided it by the total number of serviced calls within that response area. This produced a percentage which represents "First Due Unit Availability" within each response area.

Reliability is defined as the number of calls for service, in relation to the total number incidents responded to within the agencies established performance measures. Reliability can be measured in three distinct methods:

- **First Due Reliability** measures the performance of fire units responding within a service area meeting it performance objectives.
- **First Due Unit Reliability** measures the performance of a first due unit only, within its response area meeting its established performance objectives.
- **Other Than First Due Unit Reliability** measures the performance of units other than first due (second, third, or fourth arriving) meeting its established performance objectives.

MCFRS analyzed the performance of first arriving unit types in all program categories [with the exception of Bomb/Explosive Investigations] for FY2013. MCFRS has eight distinct programs that deliver service to the community: Fire, EMS, Adaptives (non-fire calls), HazMat, Technical Rescue, Water/Ice Rescue, Aviation Rescue Firefighting, and Bomb/Explosive Investigations. Some of the filters utilized to exclude inaccurate data for the purpose of this report were "catch-up" calls for service or those incidents where the CAD was out of service and units were dispatched manually. For these incidents, response data is imprecise. Also filtered out were incidents with units that had no phone to dispatch or on-scene times.

FIRE FULL ASSIGNMENT		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	58	58	100	53	49	92	Metropolitan	0:09:00
2013	02	44	43	97	41	38	92	Metropolitan	0:09:00
2013	03	65	65	100	65	61	93	Metropolitan	0:09:00
2013	04	9	9	100	7	7	100	Rural	0:15:00
2013	05	15	15	100	14	14	100	Metropolitan	0:09:00
2013	06	26	26	100	24	24	100	Metropolitan	0:09:00
2013	07	18	18	100	16	16	100	Metropolitan	0:09:00
2013	08	97	96	98	91	83	91	Metropolitan	0:09:00
2013	09	1	1	100	1	1	100	Rural	0:15:00
2013	10	16	16	100	14	14	100	Suburban	0:10:30
2013	11	9	9	100	9	8	88	Metropolitan	0:09:00
2013	12	46	44	95	42	39	92	Metropolitan	0:09:00
2013	13	15	15	100	15	13	86	Rural	0:15:00
2013	14	6	6	100	6	3	50	Rural	0:15:00
2013	15	41	41	100	41	38	92	Urban	0:09:00
2013	16	40	40	100	37	37	100	Metropolitan	0:09:00
2013	17	17	17	100	16	16	100	Rural	0:15:00
2013	18	27	26	96	26	23	88	Metropolitan	0:09:00
2013	19	26	26	100	24	24	100	Metropolitan	0:09:00
2013	20	15	14	93	14	14	100	Metropolitan	0:09:00
2013	21	33	33	100	30	28	93	Metropolitan	0:09:00
2013	22	24	24	100	23	21	91	Suburban	0:10:30
2013	23	45	44	97	42	41	97	Metropolitan	0:09:00
2013	24	25	25	100	25	23	92	Urban	0:09:00
2013	25	51	50	98	47	46	97	Metropolitan	0:09:00
2013	26	22	22	100	20	19	95	Metropolitan	0:09:00
2013	28	32	32	100	30	27	90	Suburban	0:10:30
2013	29	23	23	100	23	21	91	Metropolitan	0:09:00
2013	30	20	20	100	19	19	100	Rural	0:15:00
2013	31	43	43	100	37	33	89	Suburban	0:10:30
2013	33	15	15	100	14	11	78	Urban	0:09:00
2013	34	32	32	100	28	27	96	Urban	0:09:00
2013	35	7	7	100	6	6	100	Rural	0:15:00
2013	40	28	26	92	26	24	92	Suburban	0:10:30
2013	R1	22	21	95	20	20	100	Metropolitan	0:09:00
2013	R2	30	29	96	27	25	92	Metropolitan	0:09:00

ALS 1		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	1134	999	88	899	886	98	Metropolitan	0:11:00
2013	02	602	463	76	348	320	91	Metropolitan	0:11:00
2013	03	2414	1958	81	1758	1558	88	Metropolitan	0:11:00
2013	04	374	309	82	288	284	98	Rural	0:16:00
2013	05	777	468	60	418	306	73	Metropolitan	0:11:00
2013	06	676	504	74	452	436	96	Metropolitan	0:11:00
2013	07	396	309	78	285	269	94	Metropolitan	0:11:00
2013	08	2757	2537	92	2309	2193	94	Metropolitan	0:11:00
2013	09	42	37	88	37	33	89	Rural	0:16:00
2013	10	264	107	40	74	52	70	Suburban	0:12:30
2013	11	283	140	49	106	71	66	Metropolitan	0:11:00
2013	12	980	856	87	796	773	97	Metropolitan	0:11:00
2013	13	479	389	81	367	358	97	Rural	0:16:00
2013	14	226	219	96	206	197	95	Rural	0:16:00
2013	15	1362	1244	91	1154	1074	93	Urban	0:11:00
2013	16	742	580	78	516	502	97	Metropolitan	0:11:00
2013	17	321	273	85	252	248	98	Rural	0:16:00
2013	18	758	574	75	520	497	95	Metropolitan	0:11:00
2013	19	595	470	78	433	420	96	Metropolitan	0:11:00
2013	20	514	275	53	251	226	90	Metropolitan	0:11:00
2013	21	648	519	80	479	449	93	Metropolitan	0:11:00
2013	22	557	453	81	416	398	95	Suburban	0:12:30
2013	23	1532	1305	85	1216	1144	94	Metropolitan	0:11:00
2013	24	728	612	84	565	552	97	Urban	0:11:00
2013	25	2279	1868	81	1752	1688	96	Metropolitan	0:11:00
2013	26	885	342	38	285	198	69	Metropolitan	0:11:00
2013	28	747	560	74	511	484	94	Suburban	0:12:30
2013	29	787	700	88	651	624	95	Metropolitan	0:11:00
2013	30	224	210	93	199	196	98	Rural	0:16:00
2013	31	995	898	90	834	767	91	Suburban	0:12:30
2013	33	715	537	75	495	396	80	Urban	0:11:00
2013	34	701	562	80	530	511	96	Urban	0:11:00
2013	35	273	261	95	246	243	98	Rural	0:16:00
2013	40	647	451	69	356	295	82	Suburban	0:12:30
2013	R1	418	302	72	264	254	96	Metropolitan	0:11:00
2013	R2	1097	738	67	667	612	91	Metropolitan	0:11:00

ALS 2		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	134	127	94	118	115	97	Metropolitan	0:11:00
2013	02	73	60	82	47	42	89	Metropolitan	0:11:00
2013	03	262	228	87	204	187	91	Metropolitan	0:11:00
2013	04	50	45	90	44	42	95	Rural	0:16:00
2013	05	86	68	79	58	40	68	Metropolitan	0:11:00
2013	06	96	83	86	76	74	97	Metropolitan	0:11:00
2013	07	52	43	82	39	37	94	Metropolitan	0:11:00
2013	08	294	291	98	276	258	93	Metropolitan	0:11:00
2013	09	4	4	100	4	4	100	Rural	0:16:00
2013	10	38	25	65	19	15	78	Suburban	0:12:30
2013	11	49	38	77	30	25	83	Metropolitan	0:11:00
2013	12	141	129	91	122	119	97	Metropolitan	0:11:00
2013	13	66	48	72	44	40	90	Rural	0:16:00
2013	14	25	23	92	23	23	100	Rural	0:16:00
2013	15	182	168	92	152	148	97	Urban	0:11:00
2013	16	90	81	90	76	72	94	Metropolitan	0:11:00
2013	17	46	41	89	40	40	100	Rural	0:16:00
2013	18	121	100	82	93	93	100	Metropolitan	0:11:00
2013	19	82	70	85	65	63	96	Metropolitan	0:11:00
2013	20	32	18	56	16	13	81	Metropolitan	0:11:00
2013	21	77	63	81	58	55	94	Metropolitan	0:11:00
2013	22	78	72	92	63	63	100	Suburban	0:12:30
2013	23	177	168	94	158	148	93	Metropolitan	0:11:00
2013	24	107	94	87	91	91	100	Urban	0:11:00
2013	25	255	223	87	206	205	99	Metropolitan	0:11:00
2013	26	98	59	60	45	38	84	Metropolitan	0:11:00
2013	28	80	71	88	63	61	96	Suburban	0:12:30
2013	29	131	126	96	123	120	97	Metropolitan	0:11:00
2013	30	27	25	92	25	24	96	Rural	0:16:00
2013	31	160	148	92	141	134	95	Suburban	0:12:30
2013	33	95	74	77	70	55	78	Urban	0:11:00
2013	34	91	79	86	75	75	100	Urban	0:11:00
2013	35	26	25	96	24	23	95	Rural	0:16:00
2013	40	89	69	77	57	52	91	Suburban	0:12:30
2013	R1	73	53	72	51	51	100	Metropolitan	0:11:00
2013	R2	133	101	75	91	84	92	Metropolitan	0:11:00

BLS		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	2112	1809	85	1501	1463	97	Metropolitan	0:14:00
2013	02	928	706	76	643	625	97	Metropolitan	0:14:00
2013	03	4019	3009	74	2572	2441	94	Metropolitan	0:14:00
2013	04	605	449	74	405	399	98	Rural	0:20:00
2013	05	1181	816	69	751	723	96	Metropolitan	0:14:00
2013	06	1185	996	84	872	832	95	Metropolitan	0:14:00
2013	07	806	481	59	396	373	94	Metropolitan	0:14:00
2013	08	4386	3780	86	3164	3024	95	Metropolitan	0:14:00
2013	09	78	58	74	45	44	97	Rural	0:20:00
2013	10	615	464	75	389	377	96	Suburban	0:16:00
2013	11	548	384	70	347	334	96	Metropolitan	0:14:00
2013	12	1787	1509	84	1298	1249	96	Metropolitan	0:14:00
2013	13	643	478	74	413	405	98	Rural	0:20:00
2013	14	277	242	87	212	199	93	Rural	0:20:00
2013	15	2040	1063	52	893	843	94	Urban	0:14:00
2013	16	1537	1138	74	934	908	97	Metropolitan	0:14:00
2013	17	445	357	80	299	292	97	Rural	0:20:00
2013	18	1342	1057	78	866	822	94	Metropolitan	0:14:00
2013	19	1094	794	72	641	607	94	Metropolitan	0:14:00
2013	20	958	472	49	375	362	96	Metropolitan	0:14:00
2013	21	1013	660	65	573	552	96	Metropolitan	0:14:00
2013	22	890	664	74	586	574	97	Suburban	0:16:00
2013	23	2670	2078	77	1866	1799	96	Metropolitan	0:14:00
2013	24	1034	734	70	637	623	97	Urban	0:14:00
2013	25	3993	2912	72	2634	2552	96	Metropolitan	0:14:00
2013	26	1568	536	34	465	454	97	Metropolitan	0:14:00
2013	28	1264	836	66	687	669	97	Suburban	0:16:00
2013	29	1197	875	73	733	703	95	Metropolitan	0:14:00
2013	30	332	253	76	220	216	98	Rural	0:20:00
2013	31	1538	979	63	844	815	96	Suburban	0:16:00
2013	33	958	640	66	575	537	93	Urban	0:14:00
2013	34	1063	729	68	597	575	96	Urban	0:14:00
2013	35	418	328	78	284	278	97	Rural	0:20:00
2013	40	841	571	67	491	481	97	Suburban	0:16:00
2013	R1	759	681	89	589	576	97	Metropolitan	0:14:00
2013	R2	2078	1610	77	1317	1270	96	Metropolitan	0:14:00

ADAPTIVE		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	782	742	94	641	590	92	Metropolitan	0:09:00
2013	02	378	343	90	315	274	86	Metropolitan	0:09:00
2013	03	1137	1034	90	859	624	72	Metropolitan	0:09:00
2013	04	227	199	87	172	163	94	Rural	0:15:00
2013	05	376	338	89	290	237	81	Metropolitan	0:09:00
2013	06	627	586	93	499	435	87	Metropolitan	0:09:00
2013	07	324	270	83	210	175	83	Metropolitan	0:09:00
2013	08	994	901	90	761	637	83	Metropolitan	0:09:00
2013	09	33	30	90	23	21	91	Rural	0:15:00
2013	10	278	240	86	178	148	83	Suburban	0:10:30
2013	11	401	370	92	292	235	80	Metropolitan	0:09:00
2013	12	427	391	91	340	273	80	Metropolitan	0:09:00
2013	13	158	153	96	137	122	89	Rural	0:15:00
2013	14	118	112	94	100	73	73	Rural	0:15:00
2013	15	543	512	94	433	356	82	Urban	0:09:00
2013	16	422	384	90	314	256	81	Metropolitan	0:09:00
2013	17	214	196	91	132	123	93	Rural	0:15:00
2013	18	380	354	93	300	260	86	Metropolitan	0:09:00
2013	19	342	314	91	279	245	87	Metropolitan	0:09:00
2013	20	369	331	89	292	230	78	Metropolitan	0:09:00
2013	21	211	184	87	157	124	78	Metropolitan	0:09:00
2013	22	226	204	90	176	158	89	Suburban	0:10:30
2013	23	912	837	91	718	588	81	Metropolitan	0:09:00
2013	24	312	275	88	241	195	80	Urban	0:09:00
2013	25	616	540	87	456	378	82	Metropolitan	0:09:00
2013	26	589	509	86	413	335	81	Metropolitan	0:09:00
2013	28	380	346	91	276	238	86	Suburban	0:10:30
2013	29	385	350	90	314	282	89	Metropolitan	0:09:00
2013	30	311	268	86	198	194	97	Rural	0:15:00
2013	31	643	570	88	456	343	75	Suburban	0:10:30
2013	33	393	329	83	242	142	58	Urban	0:09:00
2013	34	303	274	90	232	194	83	Urban	0:09:00
2013	35	148	141	95	124	115	92	Rural	0:15:00
2013	40	298	263	88	212	171	80	Suburban	0:10:30
2013	R1	409	381	93	341	306	89	Metropolitan	0:09:00
2013	R2	476	441	92	382	322	84	Metropolitan	0:09:00

HAZMAT		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	01	55	46	83	45	43	95	Metropolitan	0:10:00
2013	02	41	37	90	37	30	81	Metropolitan	0:10:00
2013	03	83	77	92	73	58	79	Metropolitan	0:10:00
2013	04	6	6	100	5	5	100	Rural	0:15:30
2013	05	28	22	78	20	16	80	Metropolitan	0:10:00
2013	06	42	38	90	36	35	97	Metropolitan	0:10:00
2013	07	29	24	82	22	21	95	Metropolitan	0:10:00
2013	08	92	83	90	74	61	82	Metropolitan	0:10:00
2013	09	2	2	100	2	1	50	Rural	0:15:30
2013	10	20	18	90	18	18	100	Suburban	0:11:30
2013	11	24	22	91	20	19	95	Metropolitan	0:10:00
2013	12	48	45	93	44	40	90	Metropolitan	0:10:00
2013	13	11	11	100	10	10	100	Rural	0:15:30
2013	14	12	11	91	11	8	72	Rural	0:15:30
2013	15	50	48	96	47	39	82	Urban	0:10:00
2013	16	30	28	93	27	25	92	Metropolitan	0:10:00
2013	17	7	7	100	6	6	100	Rural	0:15:30
2013	18	39	33	84	31	27	87	Metropolitan	0:10:00
2013	19	27	25	92	24	23	95	Metropolitan	0:10:00
2013	20	30	23	76	20	14	70	Metropolitan	0:10:00
2013	21	23	16	69	16	15	93	Metropolitan	0:10:00
2013	22	22	19	86	19	19	100	Suburban	0:11:30
2013	23	40	37	92	32	29	90	Metropolitan	0:10:00
2013	24	17	13	76	13	11	84	Urban	0:10:00
2013	25	64	59	92	54	47	87	Metropolitan	0:10:00
2013	26	30	26	86	26	22	84	Metropolitan	0:10:00
2013	28	28	23	82	22	18	81	Suburban	0:11:30
2013	29	28	26	92	25	25	100	Metropolitan	0:10:00
2013	30	14	10	71	10	9	90	Rural	0:15:30
2013	31	55	50	90	45	41	91	Suburban	0:11:30
2013	33	36	30	83	28	18	64	Urban	0:10:00
2013	34	33	32	96	31	30	96	Urban	0:10:00
2013	35	27	24	88	23	23	100	Rural	0:15:30
2013	40	31	28	90	28	23	82	Suburban	0:11:30
2013	R1	28	13	46	11	10	90	Metropolitan	0:10:00
2013	R2	39	24	61	21	18	85	Metropolitan	0:10:00

TECHNICAL RESCUE		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	06	1	1	100	1	1	100	Metropolitan	0:10:00
2013	15	1	1	100	1	1	100	Urban	0:10:00
2013	25	1	1	100	1	1	100	Metropolitan	0:10:00
2013	26	1	NULL	NULL	NULL	NULL	NULL	Metropolitan	0:10:00
2013	28	2	2	100	2	2	100	Suburban	0:11:30
2013	31	1	1	100	NULL	NULL	NULL	Suburban	0:11:30

WATER RESCUE		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	03	1	1	100	1	1	100	Metropolitan	0:10:00
2013	04	3	3	100	3	2	66	Rural	0:15:30
2013	05	1	1	100	1	NULL	NULL	Metropolitan	0:10:00
2013	08	2	2	100	1	1	100	Metropolitan	0:10:00
2013	10	2	1	50	1	NULL	NULL	Suburban	0:11:30
2013	12	2	2	100	2	2	100	Metropolitan	0:10:00
2013	14	1	1	100	1	1	100	Rural	0:15:30
2013	16	1	1	100	NULL	NULL	NULL	Metropolitan	0:10:00
2013	17	1	1	100	1	NULL	NULL	Rural	0:15:30
2013	22	1	1	100	1	NULL	NULL	Suburban	0:11:30
2013	23	1	1	100	1	NULL	NULL	Metropolitan	0:10:00
2013	28	1	1	100	1	1	100	Suburban	0:11:30
2013	30	31	31	100	29	25	86	Rural	0:15:30
2013	31	11	11	100	11	2	18	Suburban	0:11:30
2013	33	1	1	100	1	NULL	NULL	Urban	0:10:00
2013	34	2	2	100	2	NULL	NULL	Urban	0:10:00
2013	35	5	5	100	5	5	100	Rural	0:15:30

AVIATION		Availability			Reliability				
		Counts			Counts				
Year	Station	Incidents	By First Due	Percent	Incidents	By First Due	Percent	City Zone	Baseline Goal
2013	17	2	2	100	2	2	100	Rural	0:15:30