

Illinois Office
of the
State Fire Marshal



Illinois Fire Incident Reporting
Statewide Reporting Overview for 2011 - 2013

Report Last Updated on 12/5/2013.

*This data represents incidents reported by Illinois Fire Departments to the National Fire Incident Reporting System.
The Illinois Office of the State Fire Marshal cannot guarantee the completeness or accuracy of this data.*



Illinois Fire Incident Reporting

2011 - 2013 Data Reported by Fire Departments in Illinois

Incident Types Reported by Year

Data Represents Incidents Reported before 12/5/2013.

	2011	2012	2013	Total
Fire	58,147 4.90%	61,865 5.31%	40,156 4.25%	160,168 4.86%
EMS	771,972 65.10%	774,082 66.45%	627,507 66.44%	2,173,561 65.96%
Weather	2,815 0.24%	1,103 0.09%	2,473 0.26%	6,391 0.19%
Others	352,891 29.76%	327,823 28.14%	274,347 29.05%	955,061 28.98%
Total	1,185,825 100.00%	1,164,873 100.00%	944,483 100.00%	3,295,181 100.00%

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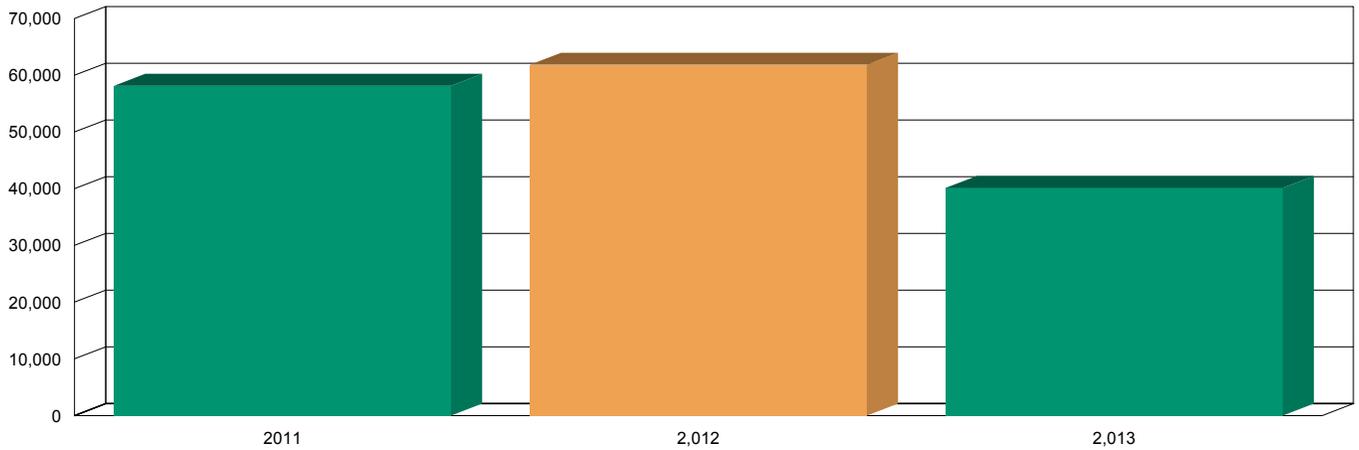


Fire Incidents by Year

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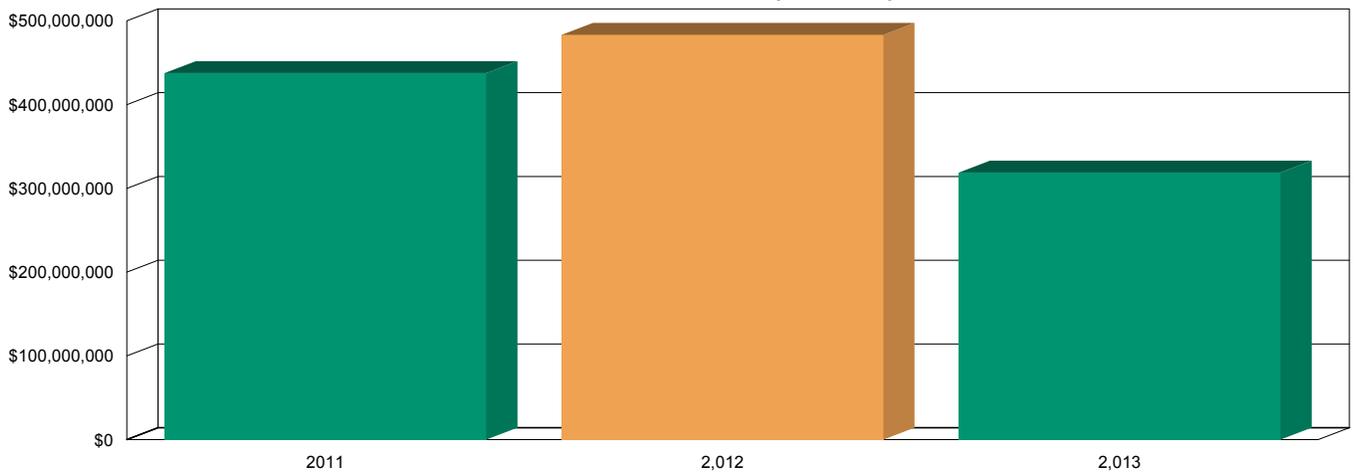
Data Does Not Include Mutual Aid.

Number of Fire Incidents by Year



	2011	2012	2013
Total	58,147	61,862	40,156

Total Fire Related Property Loss by Year



	2011	2012	2013
Total	\$437,660,491	\$483,370,140	\$319,004,601

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Illinois Fire Incident Reporting

2011 - 2013 Data Reported by Fire Departments in Illinois

Fire Incident Mutual Aid by Year

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	2011	2012	2013
Automatic aid given	4,893 8.44%	4,673 7.57%	3,524 8.81%
Automatic aid received	3,893 6.72%	3,834 6.21%	2,770 6.93%
Mutual aid given	7,842 13.53%	8,108 13.14%	5,434 13.59%
Mutual aid received	3,073 5.30%	3,364 5.45%	1,972 4.93%
None	38,229 65.95%	41,655 67.52%	26,259 65.66%
Other aid given	34 0.06%	57 0.09%	33 0.08%
Total	57,964 100.00%	61,691 100.00%	39,992 100.00%

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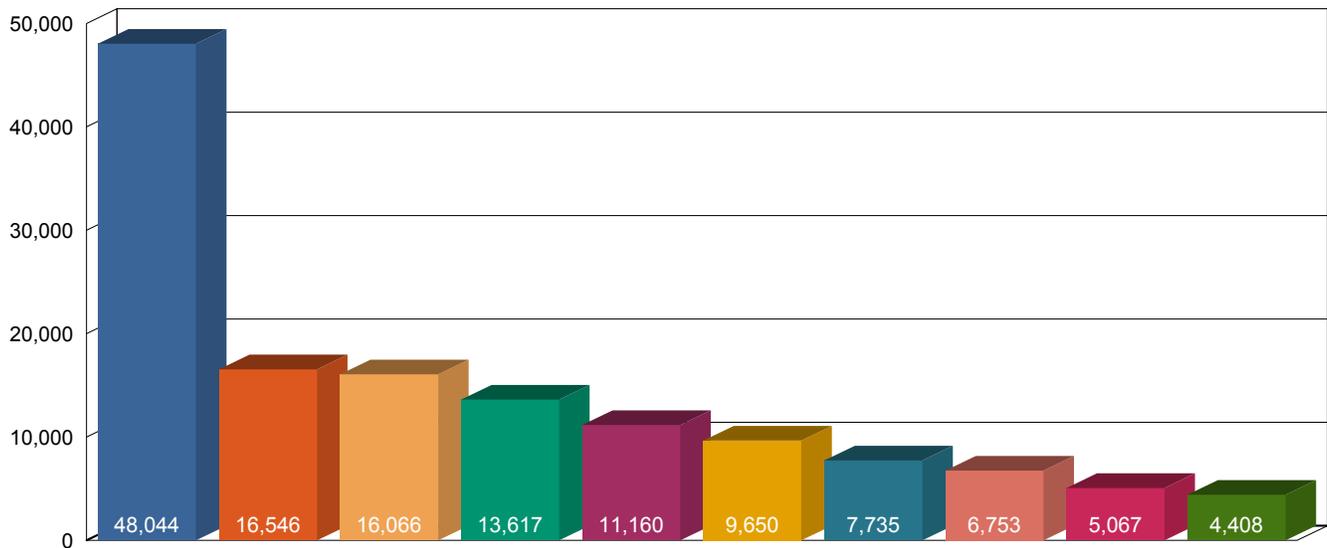
Top Ten Fire Incident Types by Year

Data Represents Incidents Reported before 12/5/2013.

Report does not include NFIRS version 4.x data conversion types.

Top 10 Fire Incident Types

2009 - 2011



	2011	2012	2013
Building fires	18,101	17,228	12,715
Cooking fire, confined to container	6,126	5,719	4,701
Passenger vehicle fire	6,319	5,532	4,215
Outside rubbish, trash or waste fire	4,692	5,599	3,326
Brush, or brush and grass mixture fire	3,339	5,723	2,098
Trash or rubbish fire, contained	3,511	3,470	2,669
Fire, other	2,925	2,885	1,925
Grass fire	2,059	3,574	1,120
Outside rubbish fire, other	1,691	2,137	1,239
Dumpster or other outside trash receptacle fire	1,541	1,680	1,187

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Illinois Fire Incident Reporting

2011 - 2013 Data Reported by Fire Departments in Illinois

Top 25 Reporting Fire Departments

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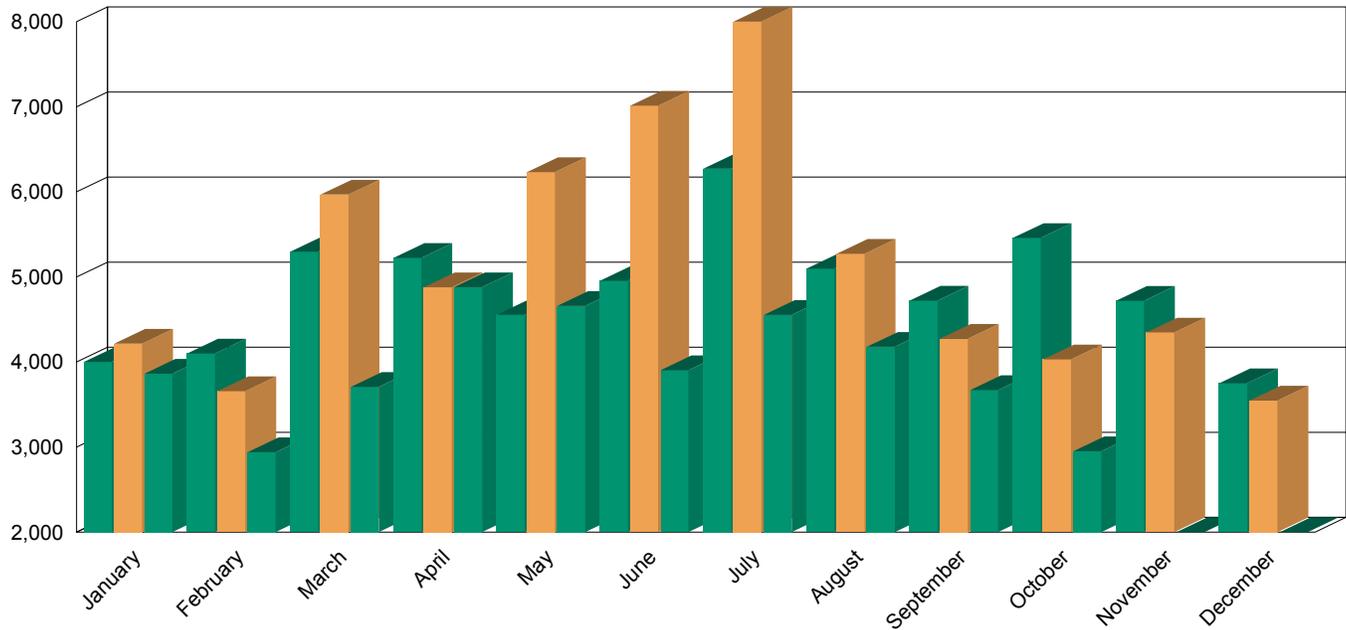
	2011	2012	2013	Total
CHICAGO FD	273,461	267,771	221,458	762,690
ROCKFORD FD	23,736	24,555	20,611	68,902
PEORIA FD	17,663	17,136	15,307	50,106
SPRINGFIELD FD	16,146	13,553	13,535	43,234
JOLIET FD	18,099	11,547	4,411	34,057
NAPERVILLE FD	10,723	11,259	9,835	31,817
ELGIN FD	11,086	10,712	8,019	29,817
ARLINGTON HEIGHTS FD	10,280	10,028	8,130	28,438
WAUKEGAN FD	10,108	9,600	8,499	28,207
EVANSTON FIRE & LIFE SAFETY	9,050	9,320	7,874	26,244
DECATUR FD	9,277	9,169	7,588	26,034
BLOOMINGTON FD	9,739	10,316	5,709	25,764
SCHAUMBURG FD	8,676	8,857	7,238	24,771
ORLAND FPD	8,114	8,411	7,003	23,528
OAK LAWN FD	7,928	7,900	7,230	23,058
AURORA FD	8,094	7,545	6,570	22,209
CICERO FD	7,589	8,066	6,478	22,133
BOLINGBROOK FD	7,813	7,354	5,663	20,830
LOCKPORT FPD	5,875	8,190	6,625	20,690
GLENVIEW FD	7,214	6,309	6,024	19,547
BERWYN FD	6,573	6,542	5,882	18,997
DES PLAINES FD	7,515	6,322	5,038	18,875
CALUMET CITY FD	6,114	6,345	6,282	18,741
PALATINE FD	6,660	6,994	4,905	18,559
CHAMPAIGN FD	6,042	6,567	5,281	17,890

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Fire Incidents Reported by Month and Year

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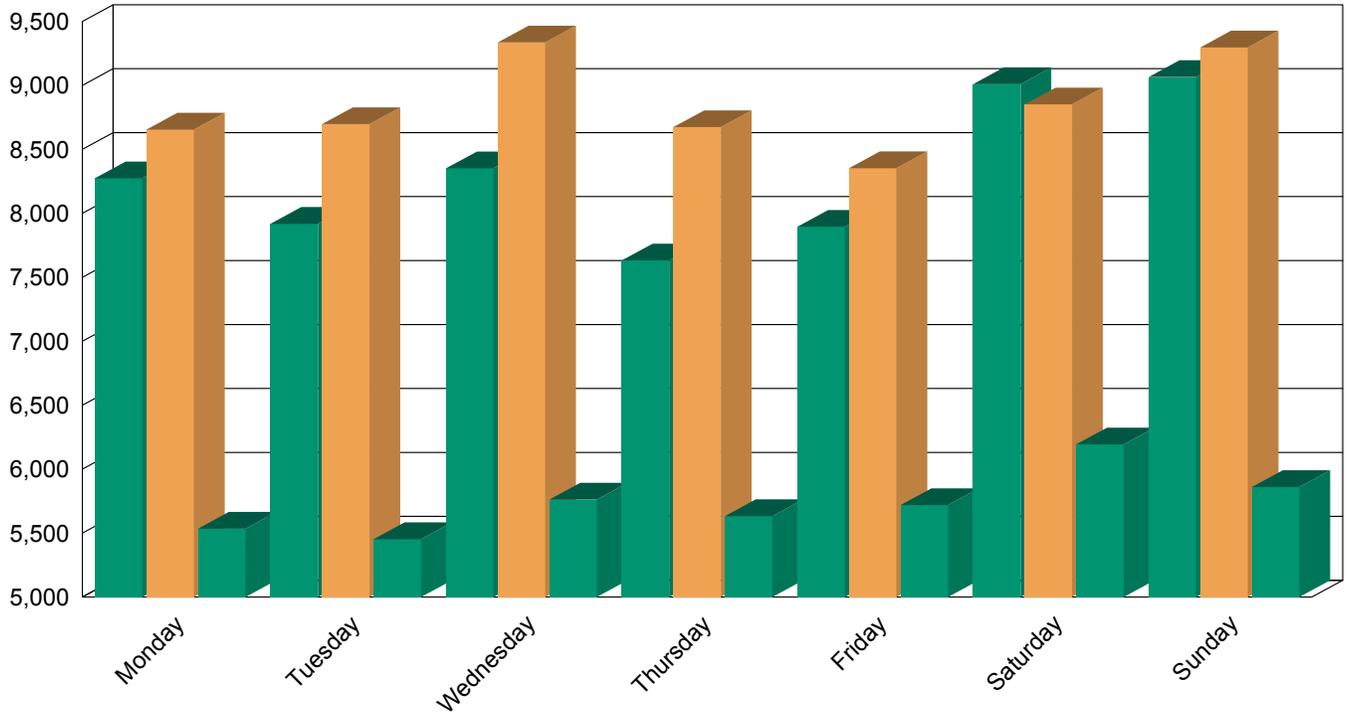
	2011		2012		2013	
January	4,000	6.88%	4,216	6.81%	3,862	9.62%
February	4,100	7.05%	3,657	5.91%	2,940	7.32%
March	5,296	9.11%	5,968	9.65%	3,708	9.23%
April	5,224	8.98%	4,878	7.88%	4,879	12.15%
May	4,556	7.84%	6,232	10.07%	4,660	11.60%
June	4,955	8.52%	7,013	11.34%	3,903	9.72%
July	6,271	10.78%	8,430	13.63%	4,553	11.34%
August	5,096	8.76%	5,273	8.52%	4,179	10.41%
September	4,722	8.12%	4,273	6.91%	3,671	9.14%
October	5,458	9.39%	4,031	6.52%	2,951	7.35%
November	4,719	8.12%	4,347	7.03%	833	2.07%
December	3,750	6.45%	3,547	5.73%	17	0.04%
Total	58,147	100.00%	61,865	100.00%	40,156	100.00%

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Fire Incidents Reported by Weekday and Year

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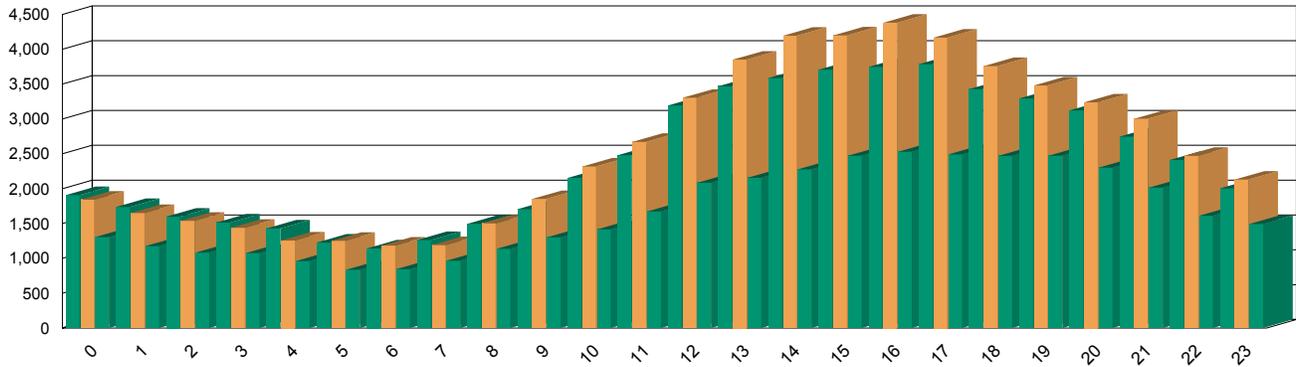
	2011		2012		2013	
Monday	8,274	14.23%	8,655	13.99%	5,535	13.78%
Tuesday	7,918	13.62%	8,698	14.06%	5,453	13.58%
Wednesday	8,352	14.36%	9,336	15.09%	5,762	14.35%
Thursday	7,632	13.13%	8,674	14.02%	5,633	14.03%
Friday	7,895	13.58%	8,353	13.50%	5,719	14.24%
Saturday	9,010	15.50%	8,852	14.31%	6,194	15.42%
Sunday	9,066	15.59%	9,297	15.03%	5,860	14.59%
Total	58,147	100.00%	61,865	100.00%	40,156	100.00%

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Fire Incidents Reported by Time and Year

Data Represents Incidents Reported before 12/5/2013.



	2011		2012		2013	
0:00	1,907	3.28%	1,841	2.98%	1,306	3.25%
1:00	1,737	2.99%	1,651	2.67%	1,176	2.93%
2:00	1,597	2.75%	1,538	2.49%	1,082	2.69%
3:00	1,514	2.60%	1,438	2.32%	1,076	2.68%
4:00	1,430	2.46%	1,256	2.03%	962	2.40%
5:00	1,227	2.11%	1,252	2.02%	837	2.08%
6:00	1,142	1.96%	1,182	1.91%	846	2.11%
7:00	1,263	2.17%	1,189	1.92%	966	2.41%
8:00	1,496	2.57%	1,501	2.43%	1,137	2.83%
9:00	1,704	2.93%	1,852	2.99%	1,301	3.24%
10:00	2,153	3.70%	2,319	3.75%	1,415	3.52%
11:00	2,479	4.26%	2,671	4.32%	1,674	4.17%
12:00	3,194	5.49%	3,304	5.34%	2,085	5.19%
13:00	3,468	5.96%	3,851	6.22%	2,156	5.37%
14:00	3,588	6.17%	4,195	6.78%	2,278	5.67%
15:00	3,707	6.38%	4,198	6.79%	2,472	6.16%
16:00	3,748	6.45%	4,380	7.08%	2,531	6.30%
17:00	3,787	6.51%	4,167	6.74%	2,491	6.20%
18:00	3,429	5.90%	3,759	6.08%	2,471	6.15%
19:00	3,294	5.66%	3,480	5.63%	2,473	6.16%
20:00	3,122	5.37%	3,238	5.23%	2,302	5.73%
21:00	2,747	4.72%	3,003	4.85%	2,015	5.02%
22:00	2,411	4.15%	2,470	3.99%	1,611	4.01%
23:00	2,003	3.44%	2,130	3.44%	1,493	3.72%

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Fire Incidents Reported by Average Response Time and Year

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Response times under 0 minutes or over 60 minutes were not considered in this study.

Average Response Time by Weekday

	2011	2012	2013
Monday	6.76	7.00	6.89
Tuesday	7.07	7.07	7.28
Wednesday	7.04	7.02	7.09
Thursday	6.87	7.02	6.96
Friday	6.99	7.19	7.26
Saturday	7.10	7.09	6.90
Sunday	6.76	7.00	6.97

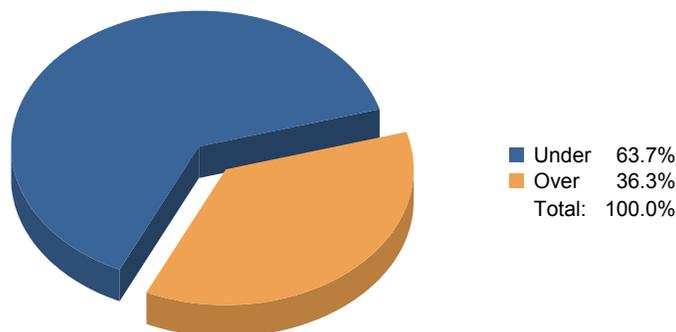
Average Response Time by Hour

	2011	2012	2013
0	7.05	7.43	7.57
1	7.20	7.55	7.78
2	7.70	7.60	7.80
3	8.03	7.73	8.71
4	7.97	7.58	8.65
5	7.97	8.17	8.07
6	7.56	7.57	7.45
7	6.14	7.05	7.09
8	6.43	6.98	6.91
9	6.60	7.38	6.92
10	6.75	7.04	6.90
11	7.26	7.30	6.83
12	7.05	7.05	7.09
13	7.35	7.48	7.10
14	7.32	7.45	7.27
15	7.15	7.05	7.23
16	6.88	6.98	6.82
17	6.91	6.82	6.72
18	6.53	6.54	6.62
19	6.36	6.44	6.41
20	6.30	6.33	6.38
21	6.15	6.59	6.51
22	6.59	6.64	6.58
23	6.85	6.96	7.22

Average Response Time by Month

	2011	2012	2013
January	7.00	7.47	7.25
February	7.24	7.13	7.49
March	7.15	7.38	7.29
April	7.16	6.81	7.57
May	6.62	6.81	7.00
June	6.56	7.13	6.80
July	6.80	7.02	6.57
August	6.80	7.27	6.47
September	6.89	6.89	6.86
October	7.26	7.01	7.04
November	6.97	6.89	8.03
December	6.84	6.77	11.41

Response Time Six Minutes or Under



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