

Amended Standards of Cover

La Crosse Fire Department 2015

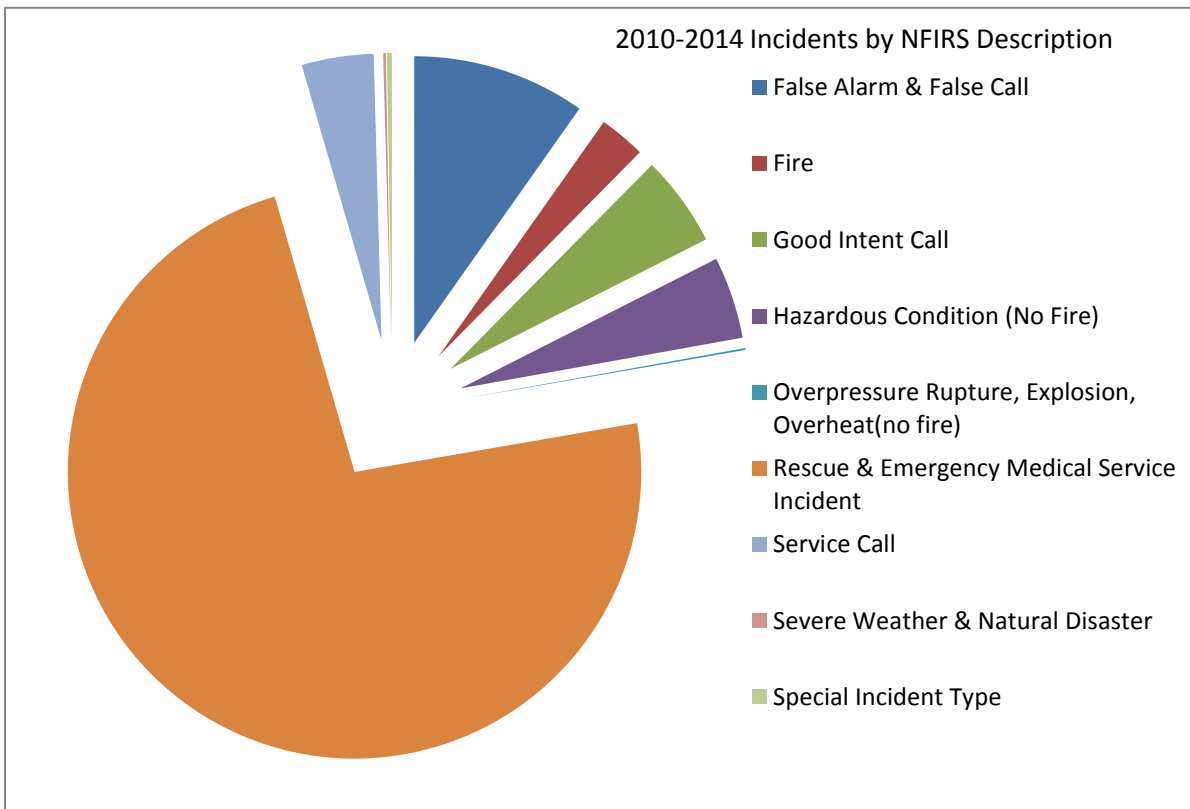


Incident Count by Year

Year	Incidents
Total	25,273
2010	4,828
2011	5,074
2012	4,940
2013	5,016
2014	5,415

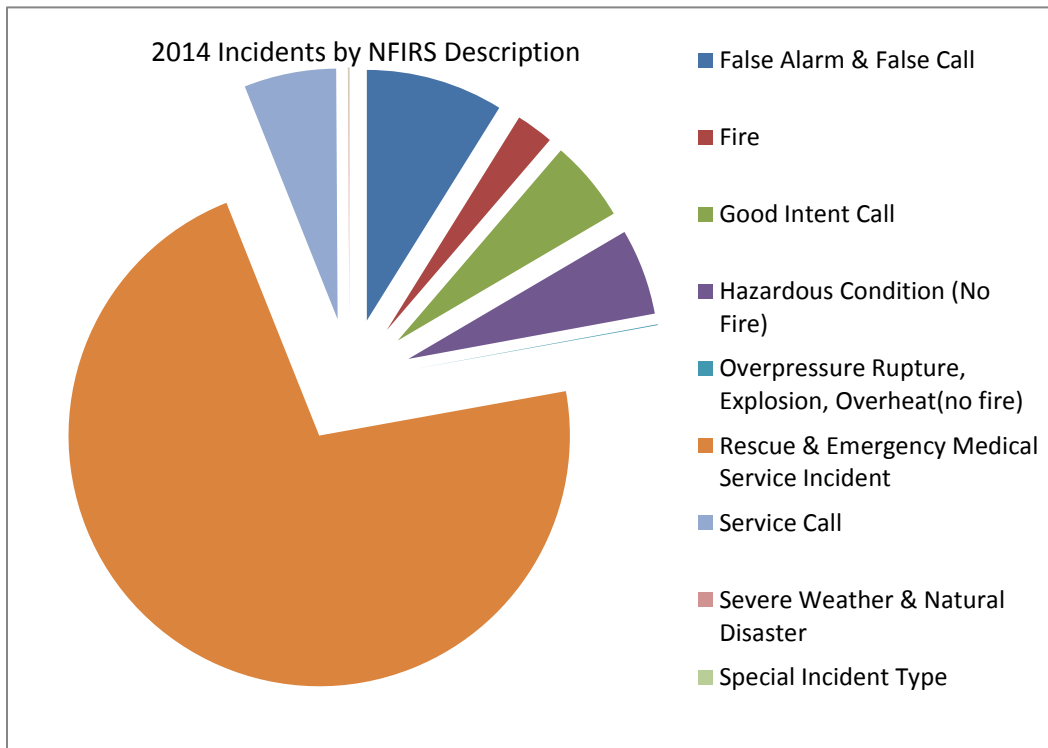
2010-2014 Response Types

NFIRS Description 1	Incidents
Total	25,273
False Alarm & False Call	2,471
Fire	662
Good Intent Call	1,299
Hazardous Condition (No Fire)	1,170
Overpressure Rupture, Explosion, Overheat(no fire)	28
Rescue & Emergency Medical Service Incident	18,508
Service Call	1,025
Severe Weather & Natural Disaster	38
Special Incident Type	72



2014 Response Types – New

NFIRS Description 1	Incidents
Total	5,415
False Alarm & False Call	480
Fire	131
Good Intent Call	285
Hazardous Condition (No Fire)	301
Overpressure Rupture, Explosion, Overheat(no fire)	3
Rescue & Emergency Medical Service Incident	3,888
Service Call	322
Severe Weather & Natural Disaster	2
Special Incident Type	3



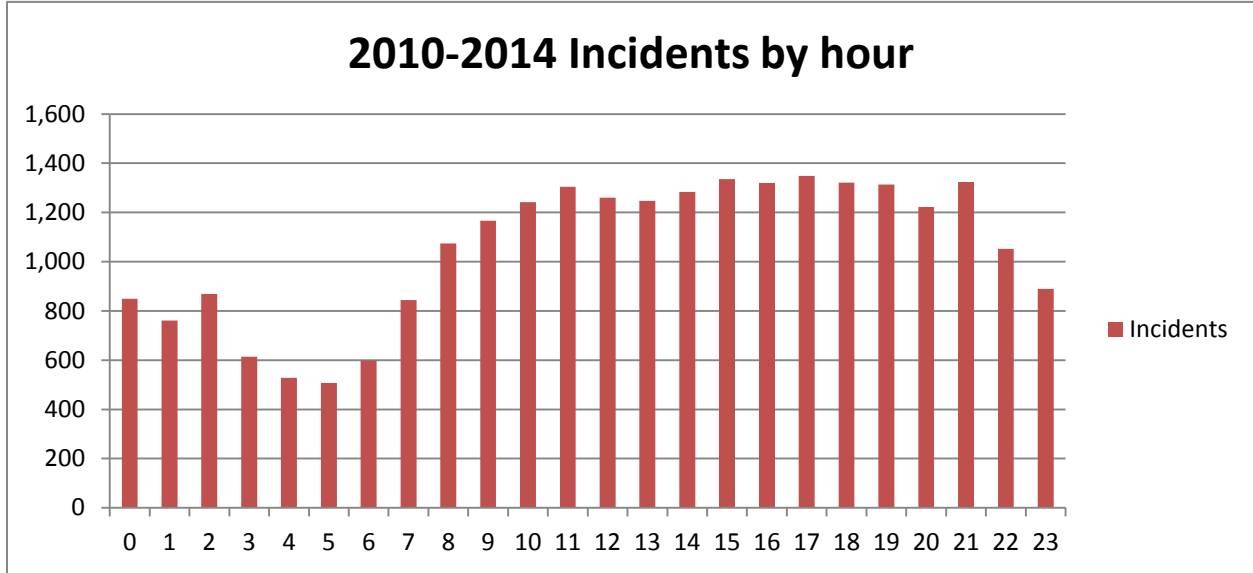
2010-2014 Incident Time of Day Analysis

Hour	Incidents
Total	25,273
0	849
1	761
2	869
3	614
4	528
5	507
6	598
7	844
8	1,074
9	1,166
10	1,242
11	1,305
12	1,260
13	1,247
14	1,284
15	1,335
16	1,320
17	1,348
18	1,321
19	1,313
20	1,223
21	1,324
22	1,052
23	889

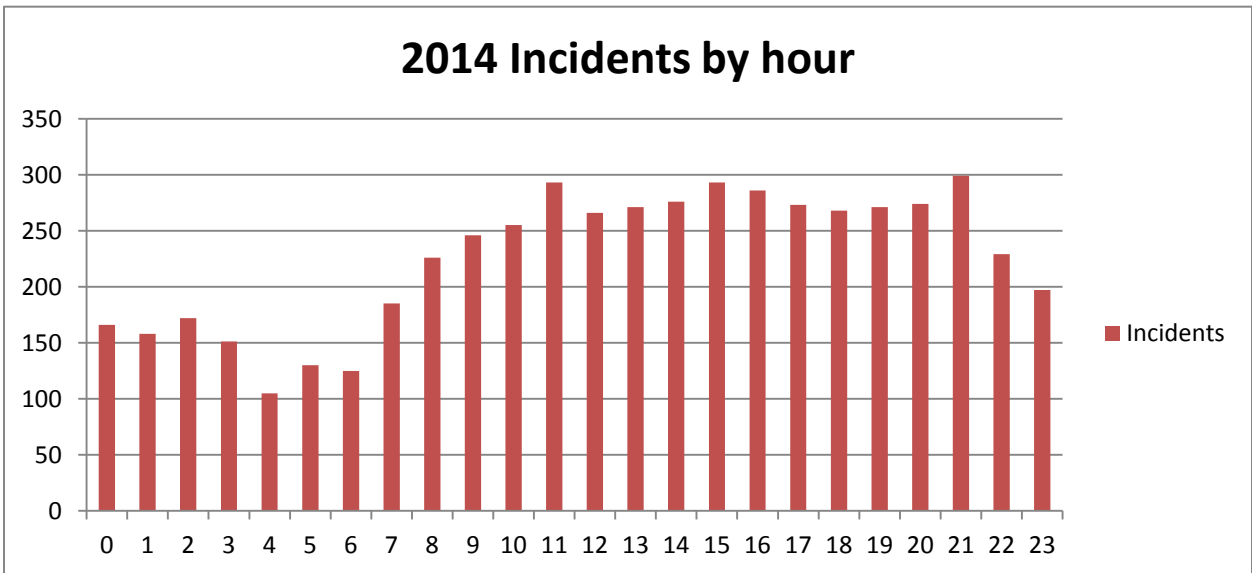
2014 Incident Time of Day Analysis - New

Hour	Incidents
Total	5,415
0	166
1	158
2	172
3	151
4	105
5	130
6	125
7	185
8	226
9	246
10	255
11	293
12	266
13	271
14	276
15	293
16	286
17	273
18	268
19	271
20	274
21	299
22	229
23	197

2010-2014 Incident Time of Day Analysis

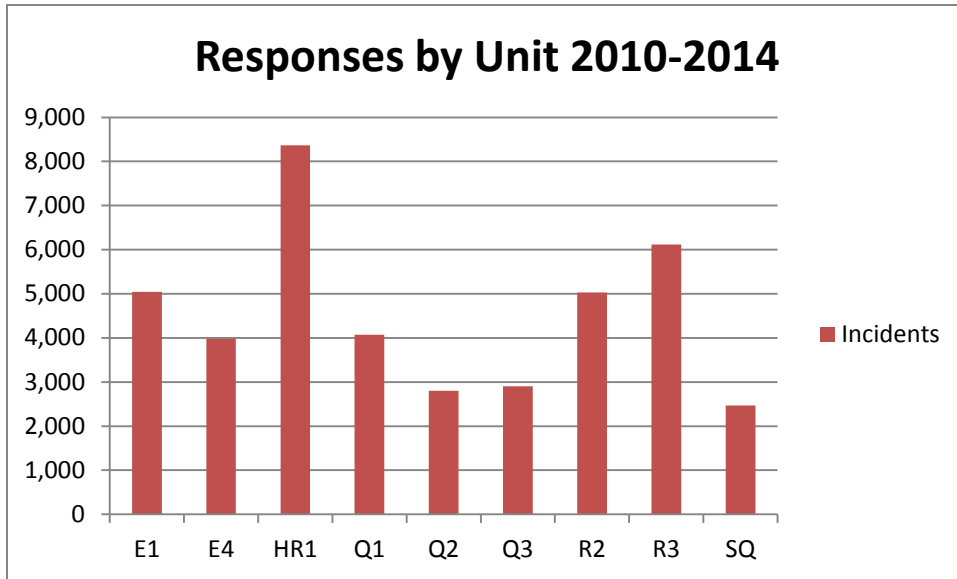


2014 Incident Time of Day Analysis - New



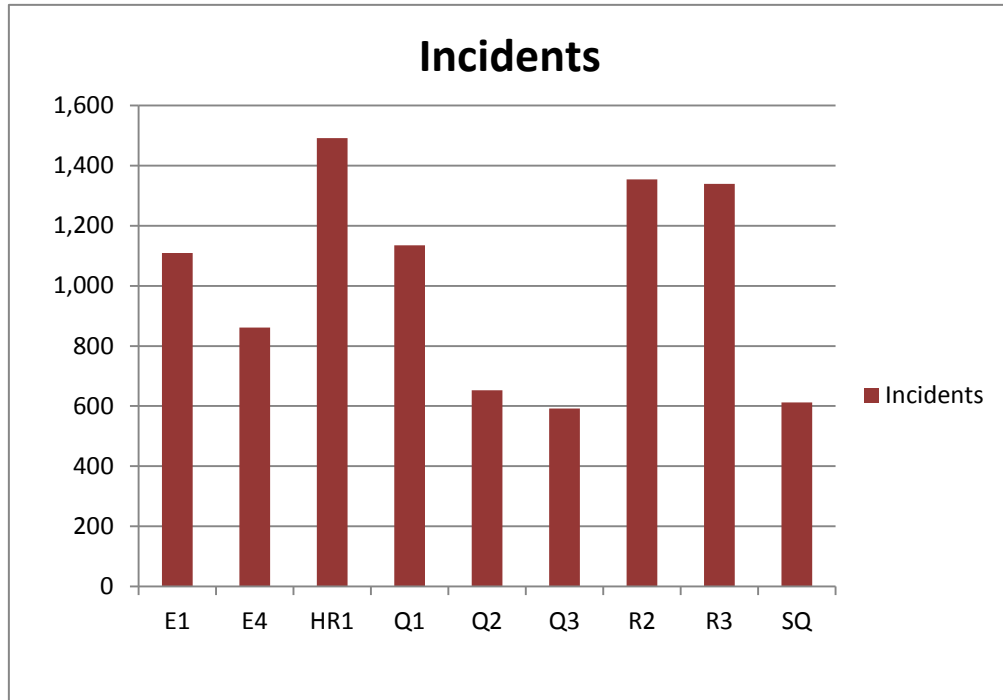
2010-2014 Response by Apparatus

Unit	Incidents
E1	5,046
E4	3,981
HR1	8,363
Q1	4,072
Q2	2,799
Q3	2,905
R2	5,028
R3	6,115
SQ	2,469
Total	40,778



2014 Response by Apparatus - New

Unit	Incidents
E1	1,109
E4	861
HR1	1,491
Q1	1,135
Q2	653
Q3	592
R2	1,354
R3	1,339
SQ	612
Total	9,146



Baseline Time Elements 2010 - 2014

Baseline Time Elements– 1st Due Unit/Pumper to be measured against the 90th Percentile				
NFIRS Descriptions	Dispatch Time ≤60 sec	Turnout Time ≤80sec	Travel Time 1st Unit ≤ 5:12	Travel Time 1st Unit ≤ 4:00
Fire (NFIR 100)	71.12%	55.92%	93.79%	86.02%
Rescue (NFIR 300 Excluding EMS)	52.44%	70.29%	93.04%	82.78%
Hazardous Conditions (NFIR 400)	43.45%	55.42%	90.36%	81.73%
Report Out (NFIR 500, 600)	44.55%	66.75%	94.74%	87.25%

Baseline Time Elements– 1st Due EMS Unit to be measured against the 90th Percentile				
NFIRS Descriptions	Dispatch Time ≤60 sec	Turnout Time ≤60sec	Travel Time 1st Unit ≤ 5:12	Travel Time 1st Unit ≤ 4:00
EMS (NFIR 300 excluding rescue)	61.55%	60.98%	95.01%	87.76%

Baseline Time Elements 2014 – New

Baseline Time Elements– 1st Due Unit/Pumper to be measured against the 90th Percentile				
NFIRS Descriptions	Dispatch Time ≤60 sec	Turnout Time ≤80sec	Travel Time 1st Unit ≤ 5:12	Travel Time 1st Unit ≤ 4:00
Fire (NFIR 100)	74.47%	60.64%	89.36%	82.98%
Rescue (NFIR 300 Excluding EMS)	67.23%	73.12%	93.55%	83.23%
Hazardous Conditions (NFIR 400)	46.32%	62.69%	88.81%	76.87%
Report Out (NFIR 500, 600)	53.30%	76.54%	93.30%	87.15%

Baseline Time Elements– 1st Due EMS Unit to be measured against the 90th Percentile				
NFIRS Descriptions	Dispatch Time ≤60 sec	Turnout Time ≤60sec	Travel Time 1st Unit ≤ 5:12	Travel Time 1st Unit ≤ 4:00
EMS (NFIR 300 excluding rescue)	71.17%	62.71%	94.25%	85.90%

Performance Objectives 2010 - 2014

Performance Objective				
	Baseline	Benchmark	Baseline	Benchmark
	2nd Unit ≤13:43	2nd Unit ≤10:20	Balance of Remaining Units ≤13:43	Balance of Remaining Units ≤10:20
Fire	98.91%	96.45%	97.87%	92.44%
EMS	99.77%	98.12%	94.05%	89.29%
Rescue	96.99%	90.98%	85.71%	74.29%
Hazardous	96.83%	92.38%	96.79%	89.57%
Report Out	99.34%	96.70%	98.06%	96.33%
Response Times measured against 90th Percentile				

Performance Objectives 2014 – New

Performance Objective				
	Baseline	Benchmark	Baseline	Benchmark
	2nd Unit ≤13:43	2nd Unit ≤10:20	Balance of Remaining Units ≤13:43	Balance of Remaining Units ≤10:20
Fire	100%	97.18%	99.45%	91.71%
EMS	100%	98.74%	100%	91.30%
Rescue	96.43%	92.86%	88.89%	88.89%
Hazardous	97.83%	94.57%	96.36%	88.19%
Report Out	100%	100%	100%	100%
Response Times measured against 90th Percentile				

Structure Fires - 90th Percentile Times - Moderate Risk Baseline Performance		Aggregate Times 2010-2014	2014	2013	2012	2011	2010
Alarm Handling	Pick-up to Dispatch	01:14	01:17	01:09	01:06	01:37	01:11
Turnout Time	Turnout Time 1st Unit	01:53	01:52	01:45	01:58	01:51	02:15
Travel Time	Travel Time 1st Unit Distribution	04:00	04:16	03:47	04:19	03:33	03:29
	Travel Time Low ERF Concentration	06:57	07:12	05:38	08:18	05:48	07:37
	Travel Time Moderate ERF Concentration	07:10	07:11	06:22	07:40	06:55	07:37
	Travel Time Moderate ERF Concentration	08:08	08:30	07:07	09:27	06:53	08:53
Total Response Time	Total Response Time 1st Unit On Scene Distribution	06:23	06:11	05:42	07:10	06:31	06:15
	Total Response Time Low ERF Concentration	09:25	09:35	08:09	11:27	08:30	10:26
	Total Response Time Moderate ERF Concentration	09:42	09:43	08:21	11:06	08:57	10:39
	Total Response Time High ERF Concentration	09:46	10:15	08:45	11:13	08:22	11:01

EMS - 90th Percentile Times - Baseline Performance		Aggregate Times 2014- 2010	2014	2013	2012	2011	2010
Alarm Handling	Pick-up to Dispatch	01:43	01:28	01:40	01:41	01:48	01:52
Turnout Time	Turnout Time 1st Unit	01:39	01:38	01:41	01:37	01:34	01:42
Travel Time	Travel Time 1st Unit Distribution	04:13	04:26	04:09	04:09	04:13	04:10
	Travel Time Low ERF Concentration	04:14	04:26	04:09	04:09	04:13	04:10
	Travel Time Moderate ERF Concentration	04:09	04:31	04:32	04:12	03:54	03:56
	Travel Time High ERF Concentration	04:55	05:11	05:16	05:26	04:08	04:42
Total Response Time	Total Response Time 1st Unit On Scene Distribution	06:36	06:36	06:27	06:31	06:37	06:46
	Total Response Time Low ERF Concentration	06:36	06:35	06:27	06:31	06:37	06:46
	Total Response Time Moderate ERF Concentration	06:26	06:35	06:39	06:29	06:17	06:22
	Total Response Time High ERF Concentration	07:08	06:51	07:08	07:40	06:23	07:22

Technical Rescue - 90th Percentile Times - Baseline Performance		Aggregate Times 2010-2014	2014	2013	2012	2011	2010
Alarm Handling	Pick-up to Dispatch	02:40	02:21	01:52	02:41	02:22	03:31
Turnout Time	Turnout Time 1st Unit	02:02	01:53	02:09	02:07	01:46	02:05
Travel Time	Travel Time 1st Unit Distribution	05:03	03:54	03:53	04:18	06:10	06:24
	Travel Time Low ERF Concentration	05:13	05:15	05:08	04:50	06:12	03:44
	Travel Time Moderate ERF Concentration	08:49	NS	09:25	NA	16:30	03:18
	Travel Time High ERF Concentration	09:25	NA	09:25	NA	NA	NA
Total Response Time	Total Response Time 1st Unit On Scene Distribution	08:12	06:41	07:50	07:23	08:55	12:01
	Total Response Time Low ERF Concentration	08:29	07:51	08:15	08:13	10:08	08:23
	Total Response Time Moderate ERF Concentration	13:23	NA	14:34	NA	18:22	04:24
	Total Response Time High ERF Concentration	14:34	NA	14:34	NA	NA	NA

Hazardous Materials - 90th Percentile Times - Baseline Performance		Aggregate Times 2010-2014	2014	2013	2012	2011	2010
Alarm Handling	Pick-up to Dispatch	02:32	02:11	02:09	02:31	02:41	03:10
Turnout Time	Turnout Time 1st Unit	01:57	01:55	01:51	02:09	01:59	01:58
Travel Time	Travel Time 1st Unit Distribution	05:06	05:24	05:31	04:39	04:24	05:18
	Travel Time Low ERF Concentration	05:18	05:37	05:32	04:37	04:32	05:24
	Travel Time Moderate ERF Concentration	08:06	05:05	06:27	11:00	09:12	NA
	Travel Time High ERF Concentration	05:45	05:45	NA	NA	NA	NA
Total Response Time	Total Response Time 1st Unit On Scene Distribution	08:20	08:06	08:38	08:08	06:58	08:49
	Total Response Time Low ERF Concentration	08:25	08:23	08:38	08:10	07:23	08:40
	Total Response Time Moderate ERF Concentration	10:15	07:26	08:43	13:45	11:14	NA
	Total Response Time High ERF Concentration	08:11	08:11	NA	NA	NA	NA

Report Out - 90th Percentile Times - Baseline Performance		Aggregate Times 2010-2014	2014	2013	2012	2011	2010
Alarm Handling	Pick-up to Dispatch	02:16	01:58	02:19	02:18	02:22	02:05
Turnout Time	Turnout Time 1st Unit	01:46	01:36	01:48	01:43	01:47	02:04
Travel Time	Travel Time 1st Unit Distribution	04:15	04:06	04:01	04:19	03:56	04:36
	Travel Time Low ERF Concentration	04:08	04:03	03:58	04:17	03:39	04:50
	Travel Time Moderate ERF Concentration	04:06	04:02	03:59	03:48	04:08	05:08
	Travel Time High ERF Concentration	05:40	4:44	06:09	06:11	05:44	05:31
Total Response Time	Total Response Time 1st Unit On Scene Distribution	07:20	06:42	06:53	07:09	07:20	07:21
	Total Response Time Low ERF Concentration	07:11	06:42	06:43	07:17	07:16	07:53
	Total Response Time Moderate ERF Concentration	07:14	06:52	06:55	07:00	07:16	08:00
	Total Response Time High ERF Concentration	08:34	07:13	08:49	09:12	08:46	08:21

Availability vs. Reliability 2010 - 2014

Fire Station/District	FS-1	FS-2	FS-3	FS- 4
First-Due Workload(All Responses) (Any First Due Unit)	11,851	3,680	6,034	3,553
First Due Unit Responses in the First Due District	9,881	3,357	5,612	3,095
Calls Missed by First Due Unit	1,970	323	422	458
Availability– First-Due Unit in First Due District	83.37%	91.22%	93.00%	87.10%
Reliability-Any First Due Unit (<=6:20sec) (Emergency Response Only)	91.60%	93.10%	76.70%	76.97%
Reliability-First Due Unit (<=6:20 sec) (Emergency Response Only)	93.21%	93.57%	76.83%	79.27%
Reliability is based on the established 6:20 second for first unit standard				

Availability vs. Reliability 2014 - New

Fire Station/District	FS-1	FS-2	FS-3	FS- 4
First-Due Workload(All Responses) (Any First Due Unit)	2,335	906	1,394	738
First Due Unit Responses in the First Due District	1,987	832	1,294	605
Calls Missed by First Due Unit	348	74	100	133
Availability– First-Due Unit in First Due District	85.09%	91.83%	92.82%	81.97%
Reliability-Any First Due Unit (<=6:20sec) (Emergency Response Only)	93.79%	93.29%	78.75%	77.69%
Reliability-First Due Unit (<=6:20 sec) (Emergency Response Only)	94.93%	93.33%	78.70%	81.68%
Reliability is based on the established 6:20 second for first unit standard				

La Crosse Fire Department Goals and Objectives 2014-2019

Original Goals and Objectives are from the LCFD Strategic Plan 2014-2018

Updated Goals and Objectives to this original document are highlighted in blue.

2015 Goals and Objectives are highlighted in red.

Agency communications

Goal 1: Improve internal and external communications

Objective 1.1:	Educate the public and promote the agency
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="625 619 1299 777">• A) Investigate creating a public information position or external affairs position Timeline : 2015 Chief / AC<li data-bbox="625 829 1356 955">• B) Request funding for public information position – possibly through a grant Timeline : 2016 Chief / AC<li data-bbox="625 1008 1250 1134">• C) Invite news media to department training Timeline : 2014 DC Temp<li data-bbox="625 1186 1307 1312">• D) Develop a plan to use social media to promote the agency Timeline : 2015 DC Murphy

Agency communications

Goal 1: Improve internal and external communications

Objective 1.2:	Improve interdepartmental communication related to public information
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="623 625 1341 793">• A) Create a “talking points” document to highlight the agency, which will be used at public information events Timeline : 2014 DC Murphy<li data-bbox="623 842 1243 926">• B) Create a monthly safety message Timeline : 2014 DC Murphy

Community involvement

Goal 2: Engage in “community firefighting” with our citizens

Objective 2.1:	Educate the public and promote the agency
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="625 625 1323 793">• A) Investigate with Local Union 127 on conducting a “civilian fire academy” for stakeholders and citizens of La Crosse Timeline : 2015, 2017, 2019 DC Murphy<li data-bbox="625 842 1323 1010">• B) Attend monthly neighborhood group meetings and have fire safety materials to educate the public on fire safety issues Timeline : 2014 and ongoing DC Snyder<li data-bbox="625 1058 1323 1184">• C) Interact with the public at community service events Timeline : 2014 and ongoing DC Snyder<li data-bbox="625 1232 1323 1358">• D) Conduct community service stops in our neighborhoods and schools Timeline : 2014 and ongoing DC Snyder<li data-bbox="625 1407 1323 1533">• E) Promote firefighters as role models in our community Timeline : 2014 and ongoing DC Snyder

Community involvement

Goal 2: Engage in “community firefighting” with our citizens

Objective 2.2:	Enhance public safety programs
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="625 535 1356 703">• A) Develop the Risk Watch NFPA fire safety program to be utilized at public safety events Timeline : 2015 DC Snyder<li data-bbox="625 745 1356 892">• B) Create a DVD promoting the agency to be utilized at public safety events Timeline : 2015 DC Murphy<li data-bbox="625 934 1356 1060">• C) Create a banner promoting the agency to be utilized at public safety events Timeline : 2014 DC Snyder<li data-bbox="625 1102 1356 1270">• D) Create a “talking points” document for agency members to be utilized at community events Timeline : 2014 DC Murphy<li data-bbox="625 1312 1356 1522">• E) Organize a panel of educators to gain feedback on the effectiveness of agency public education programs in community schools Timeline : 2014 DC Snyder<li data-bbox="625 1564 1356 1795">• Merge the City Inspection Department with the LCFD Fire Prevention and Building Safety Bureau, and meet all accreditation standards Timeline : 2015 DC Snyder

	<ul style="list-style-type: none">• Expand the use of Zoll RMS to include building inspection functions Timeline : 2015 DC Snyder• Expand the use of Zoll RMS to include EDC for pre-planning occupancy information and hydrant locations Timeline : 2015 DC Wallerich and DC Murphy

Service delivery - continuous improvement

Goal 3: An innovative work place focused on service excellence

Objective 3.1:	Achieve and maintain accreditation status
<p>Critical Tasks:</p>	<ul style="list-style-type: none"> • A) Finalize and submit required information to the Center for Public Safety Excellence (CPSE) for approval – strategic plan, standards of cover, risk assessment, and self-assessment documents Timeline : 2014 DC Amann • B) Achieve accreditation status Timeline : 2014 DC Amann • C) Follow through with action plans for improvement noted in self-assessment manual Timeline : 2014 and ongoing DC Amann • D) Provide annual compliance reports to the CPSE and update LCFD staff on progress achieved and plans going forward Timeline : 2015 and ongoing DC Amann • E) Undertake efforts to regularly evaluate service delivery methods and options for improvement consistent with CPSE accreditation requirements Timeline : 2014 and ongoing DC Amann • Complete all recommendations from the accreditation site visit team Timeline : June of 2015 DC Amann • Achieve re-accreditation from CFAI 2019

Service delivery - continuous improvement

Goal 3: An innovative work place focused on service excellence

Objective 3.2:	Achieve an Insurance Service Organization (ISO) rating of 1 and maintain status
<p>Critical Tasks:</p>	<ul style="list-style-type: none"> • A) Investigate critical tasks required to improve ISO rating Timeline : 2016 DC Murphy • B) Implement critical task action plans Timeline : 2016 DC Murphy • C) Conduct ISO review to achieve improved rating Timeline : 2017 DC Murphy • D) Evaluate service delivery and maintain ISO rating of 1 Timeline : 2017 and ongoing DC Murphy

Service delivery – equipment, apparatus, and stations

Goal 4: Strategically placed and efficient equipment, apparatus and stations

Objective 4.1:	Identify and plan for improved station locations
<p>Critical Tasks:</p>	<ul style="list-style-type: none"> • A) Source funds for a station location study Timeline : 2014 Chief / AC • B) Conduct a study on optimum station locations Timeline : 2015- 2016 Chief / AC • C) Present plan to La Crosse Common Council for approval Timeline : 2015-2016 Chief / AC • D) Investigate implementing fire station additions and/or relocations Timeline : 2017 Chief / AC • E) Meet regularly to review current station and apparatus needs and to ensure uniformity of standards Timeline : 2014 and ongoing Chief / AC

Service delivery – equipment, apparatus, and stations

Goal 4: Strategically placed and efficient equipment, apparatus and stations

Objective 4.2:	Identify and plan for a new radio system
<p>Critical Tasks:</p>	<ul style="list-style-type: none"> • A) Conduct a study on aging city wide radio system Timeline : 2013 DC Wallerich • B) Source funds for a new radio system Timeline : 2013 DC Wallerich • C) Invite vendors for radio presentations Timeline : 2013 DC Wallerich • D) Purchase new radio system Timeline : 2015 DC Wallerich • E) Train with and implement new radio system Timeline : 2015 DC Wallerich • F) Maintain new radio system Timeline : 2015 and ongoing Wallerich

Service delivery – equipment, apparatus, and stations

Goal 4: Strategically placed and efficient equipment, apparatus and stations

Objective 4.3:	Identify improvements in Fire/EMS in La Crosse and adjacent communities
<p>Critical Tasks:</p>	<ul style="list-style-type: none"> • A) Study potential automatic aid agreements with adjacent area communities Timeline : 2014-2015 Chief / AC • B) Investigate training opportunities with adjacent area agencies Timeline : 2015 DC Temp • C) Study possibility of adjacent area fire/EMS with area communities Timeline : 2016 Chief / AC • D) Investigate cooperative purchasing with adjacent area agencies Timeline : 2017 Chief / AC / DC Temp • Purchase new apparatus to replace Q3 Timeline : 2015 Chief/ AC/ FMM

Retention, education and training

Goal 5: A highly skilled workforce

Objective 5.1:	Improve employee retention
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="625 573 1291 737">• A) Investigate utilizing employees Advanced Life Support (ALS) skills on EMS responses Timeline : 2014 DC Temp<li data-bbox="625 789 1333 911">• B) Establish a formal employee recognition program Timeline : 2014 - 2015 Murphy/ Thomas<li data-bbox="625 963 1292 1041">• C) Create a “suggestion box” program Timeline : 2015 DC Murphy<li data-bbox="625 1094 1338 1257">• D) Evaluate and validate the reasons why personnel leave the agency Timeline : 2014 - 2015 Chief / DC Murphy

Retention, education and training

Goal 5: A highly skilled workforce

Objective 5.2:	Improve training programs
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="625 672 1331 840">• A) Consult appropriate sources, industry standards, and best practice material to understand future agency needs Timeline : 2014 and ongoing DC Temp<li data-bbox="625 892 1331 1060">• B) Enhance and review recently created quarterly reporting system for all agency training programs Timeline : 2014 and ongoing DC Temp<li data-bbox="625 1113 1331 1239">• C) Bring agency members to required levels of training Timeline : 2014-2016 DC Temp<li data-bbox="625 1281 1331 1407">• D) Develop a training academy for new hires Timeline : 2014 and ongoing DC Temp<li data-bbox="625 1459 1331 1627">• E) Enhance and review recently created minimum company standards training program Timeline : 2014 and ongoing DC Temp<li data-bbox="625 1669 1331 1795">• Implement Blue Card training for all department members Timeline : 2015 DC Temp

Agency excellence

Goal 6: An accountable and transparent agency with strong leadership

Objective 6.1:	Integration of the strategic plan
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="597 800 1305 919">• A) Implement and evaluate the Strategic Plan and Standards of Cover Timeline : 2014 and ongoing DC Amann<li data-bbox="597 974 1305 1094">• B) Regularly report on progress achievements Timeline : 2014 and ongoing DC Amann<li data-bbox="597 1148 1305 1310">• C) Update the Strategic Plan and Standards of Cover to be consistent with accreditation and established guidelines Timeline : 2015 and ongoing DC Amann

Agency excellence

Goal 6: An accountable and transparent agency with strong leadership

Objective 6.2:	Continue to seek and incorporate staff feedback into planning and decision making
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="597 783 1320 905">• A) Collaborate annually with staff to support planning and improvement efforts Timeline : 2014 and ongoing DC Amann<li data-bbox="597 957 1320 1079">• B) Encourage staff feedback on an ongoing basis Timeline : 2014 and ongoing DC Amann<li data-bbox="597 1131 1320 1253">• C) Report to staff on an ongoing basis on progress and planning efforts Timeline : 2014 and ongoing DC Amann

Health and wellness

Goal 7: A safe and healthy work environment

Objective 7.1:	Support staff efforts to achieve a healthy work environment
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="597 695 1312 856">• A) Encourage and promote opportunities for physical fitness Timeline : 2014 and ongoing Thomas / Murphy<li data-bbox="597 909 1318 1071">• B) Ensure the availability of useful information on physical and mental health and well being Timeline : 2014 and ongoing AC Thomas<li data-bbox="597 1123 1312 1245">• C) Ensure Employee Assistance Program (EAP) awareness Timeline : 2014 and ongoing AC Thomas<li data-bbox="597 1297 1269 1419">• D) Investigate a formal physical fitness program Timeline : 2016 AC Thomas

Health and wellness

Goal 7: A safe and healthy work environment

Objective 7.2:	Promote and enhance work place safety
Critical Tasks:	<ul style="list-style-type: none"><li data-bbox="597 741 1312 863">• A) Review, revise, and develop Suggested Operating Guidelines annually Timeline : 2014 and ongoing DC Temp<li data-bbox="597 915 1312 1077">• B) Conduct station safety inspections and make required safety improvements Timeline : 2014 and ongoing DC Wallerich<li data-bbox="597 1129 1263 1251">• C) Create an agency occupational and safety manual Timeline : 2015 DC Wallerich<li data-bbox="597 1304 1247 1425">• D) Develop an agency equipment and safety program Timeline : 2015 DC Wallerich

La Crosse Fire Department Standards of Cover



Appendixes A - I

La Crosse Fire Department

Standards of Cover

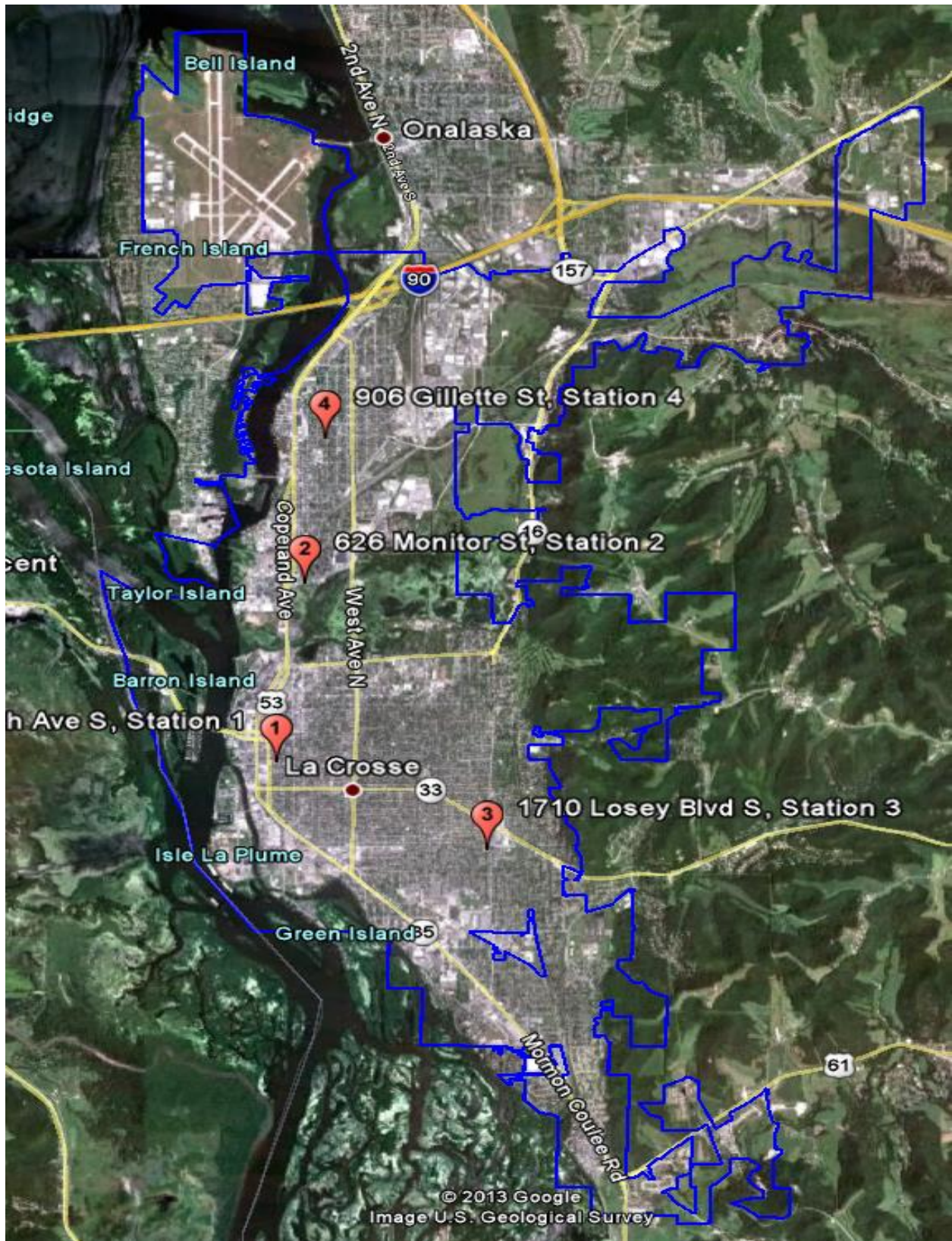
Appendix A Council Member Districts

La Crosse Fire Department

Standards of Cover

Appendix B

Fire Station Locations



La Crosse Fire Department

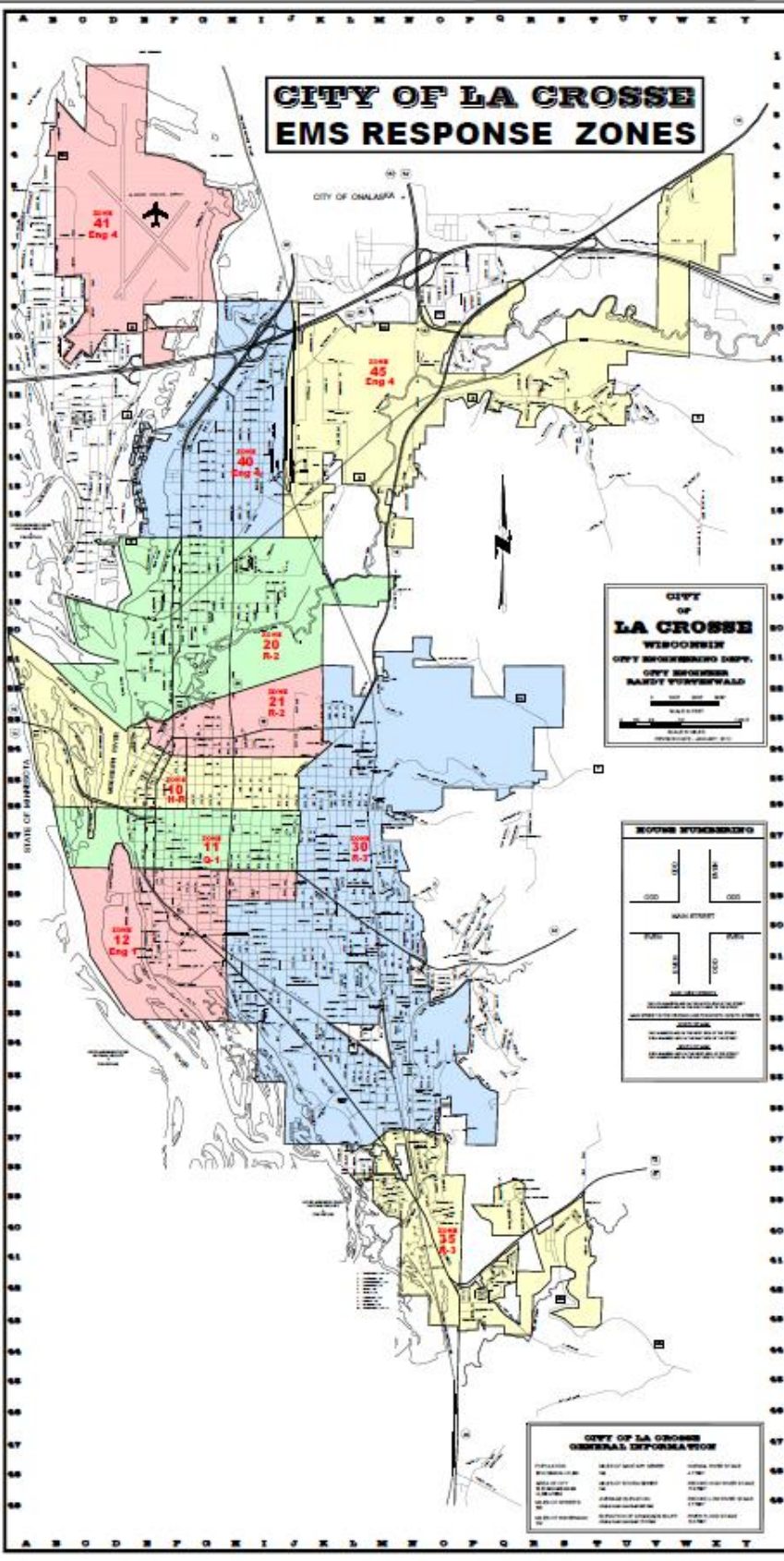
Standards of Cover

Appendix C

Response Zone Map

STREET INDEX

1ST AVE	1ST ST
2ND AVE	2ND ST
3RD AVE	3RD ST
4TH AVE	4TH ST
5TH AVE	5TH ST
6TH AVE	6TH ST
7TH AVE	7TH ST
8TH AVE	8TH ST
9TH AVE	9TH ST
10TH AVE	10TH ST
11TH AVE	11TH ST
12TH AVE	12TH ST
13TH AVE	13TH ST
14TH AVE	14TH ST
15TH AVE	15TH ST
16TH AVE	16TH ST
17TH AVE	17TH ST
18TH AVE	18TH ST
19TH AVE	19TH ST
20TH AVE	20TH ST
21ST AVE	21ST ST
22ND AVE	22ND ST
23RD AVE	23RD ST
24TH AVE	24TH ST
25TH AVE	25TH ST
26TH AVE	26TH ST
27TH AVE	27TH ST
28TH AVE	28TH ST
29TH AVE	29TH ST
30TH AVE	30TH ST
31ST AVE	31ST ST
32ND AVE	32ND ST
33RD AVE	33RD ST
34TH AVE	34TH ST
35TH AVE	35TH ST
36TH AVE	36TH ST
37TH AVE	37TH ST
38TH AVE	38TH ST
39TH AVE	39TH ST
40TH AVE	40TH ST
41ST AVE	41ST ST
42ND AVE	42ND ST
43RD AVE	43RD ST
44TH AVE	44TH ST
45TH AVE	45TH ST
46TH AVE	46TH ST
47TH AVE	47TH ST
48TH AVE	48TH ST
49TH AVE	49TH ST
50TH AVE	50TH ST
51ST AVE	51ST ST
52ND AVE	52ND ST
53RD AVE	53RD ST
54TH AVE	54TH ST
55TH AVE	55TH ST
56TH AVE	56TH ST
57TH AVE	57TH ST
58TH AVE	58TH ST
59TH AVE	59TH ST
60TH AVE	60TH ST
61ST AVE	61ST ST
62ND AVE	62ND ST
63RD AVE	63RD ST
64TH AVE	64TH ST
65TH AVE	65TH ST
66TH AVE	66TH ST
67TH AVE	67TH ST
68TH AVE	68TH ST
69TH AVE	69TH ST
70TH AVE	70TH ST
71ST AVE	71ST ST
72ND AVE	72ND ST
73RD AVE	73RD ST
74TH AVE	74TH ST
75TH AVE	75TH ST
76TH AVE	76TH ST
77TH AVE	77TH ST
78TH AVE	78TH ST
79TH AVE	79TH ST
80TH AVE	80TH ST
81ST AVE	81ST ST
82ND AVE	82ND ST
83RD AVE	83RD ST
84TH AVE	84TH ST
85TH AVE	85TH ST
86TH AVE	86TH ST
87TH AVE	87TH ST
88TH AVE	88TH ST
89TH AVE	89TH ST
90TH AVE	90TH ST
91ST AVE	91ST ST
92ND AVE	92ND ST
93RD AVE	93RD ST
94TH AVE	94TH ST
95TH AVE	95TH ST
96TH AVE	96TH ST
97TH AVE	97TH ST
98TH AVE	98TH ST
99TH AVE	99TH ST
100TH AVE	100TH ST



**CITY OF LA CROSSE
EMS RESPONSE ZONES**

**CITY OF
LA CROSSE**
WISCONSIN
CITY ENGINEERING DEPT.
CITY ENGINEER
RANDY FURBERWALD



**CITY OF LA CROSSE
GENERAL INFORMATION**

POPULATION	12,000	AREA	17.5
INCORPORATED	1856	STATE	WISCONSIN
OFFICE	100 N. 1ST ST.	ZIP CODE	54601
TELEPHONE	735-2111	CITY ENGINEER	RANDY FURBERWALD
MAILING ADDRESS	100 N. 1ST ST.	PLANNING COMMISSION	100 N. 1ST ST.
WEBSITE	WWW.LACROSSEWI.COM	PLANNING COMMISSION	100 N. 1ST ST.

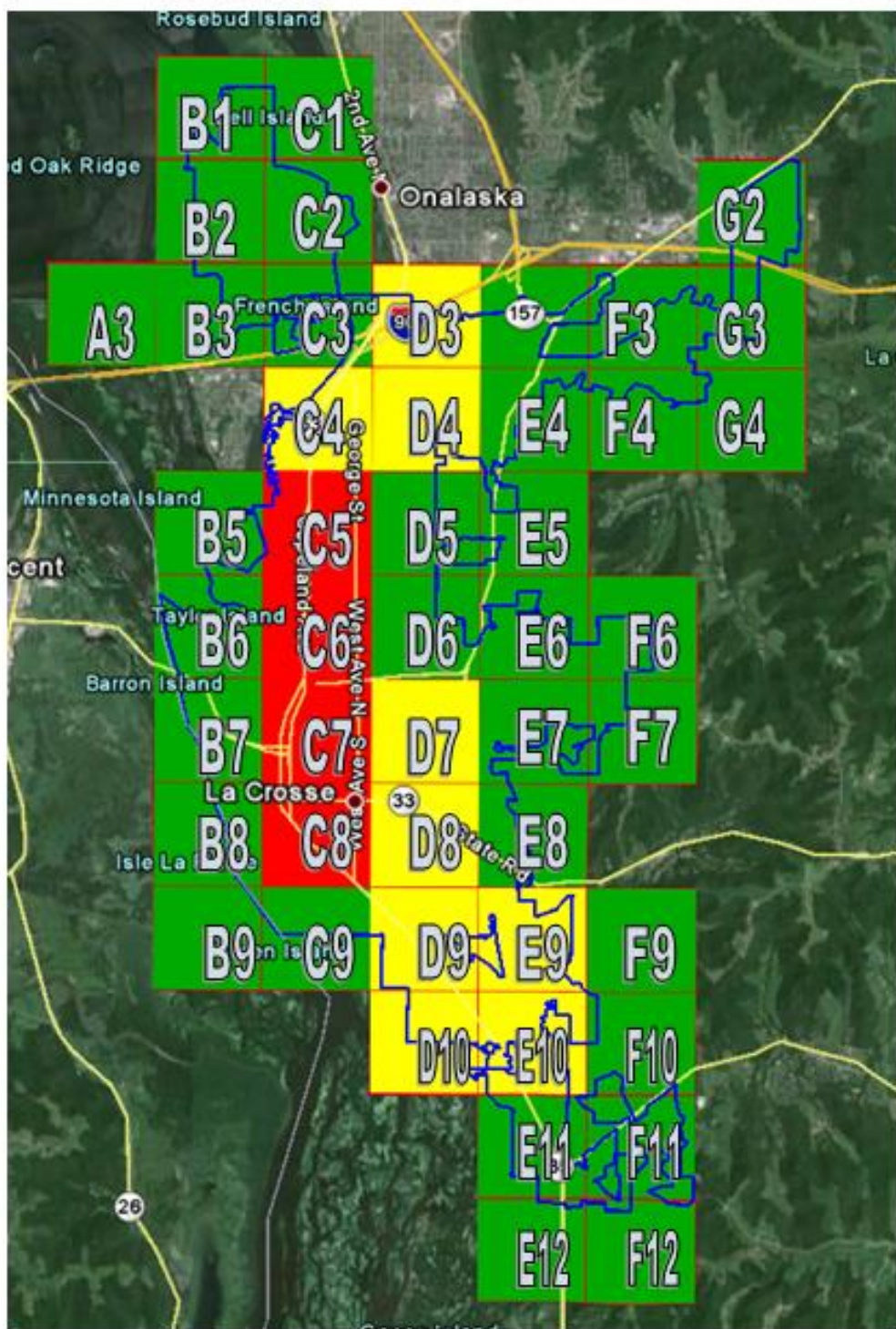
La Crosse Fire Department

Standards of Cover

Appendix D Planning Zones

City of La Crosse Fire Department

Fire Risk Response



High Risk Moderate Risk Low Risk

The following is an explanation of the planning zone analysis (Appendix J):

District Overview: a brief explanation of the; planning zone location within the city, planning zone occupancy, planning zone risk assessment scores, and special hazards within the planning zone.

Special Hazards: Identified building name, address, associated risk, fire flow, and risk assessment score.

Inspected Occupancy Risk Assessment: Inspected occupancy risk assessment scores and percentages. These are all occupancies within the planning zone that the agency inspects on a semi-annual basis.

Occupancy Analysis: Classification of planning zone occupancy and percentages. These are all occupancies within the planning zone, both inspected properties and residential properties.

Emergency Call History: Emergency call history within the planning zone, analyzed by call type.

90th Percent Priority Fractile Total Response Time for Emergency Responses: 90th percent priority fractile total response times, analyzed by call type.

Fire Flow Analysis: Fire flow analysis and percentages within the planning zone.

La Crosse Fire Department

Standards of Cover

Appendix E

Fire Flow Analysis

Inspected Property Fire Flow Analysis

Planning Gird	Low <1000	Moderate 1000-3000	High>4000	Special>4000
A3	0	1	0	0
B1	0	0	0	0
B2	6	23	0	0
B3	0	9	0	0
B5	1	0	0	0
B6	3	2	0	0
B7	2	4	1	0
B8	8	1	0	0
B9	0	0	0	0
C1	0	0	0	0
C2	0	2	0	0
C3	3	36	0	0
C4	18	130	1	0
C5	23	300	1	0
C6	28	167	3	1
C7	85	723	6	0

Planning Gird	Low <1000	Moderate 1000-3000	High>4000	Special>4000
C8	46	263	2	0
C9	8	10	0	0
D3	21	46	1	0
D4	11	71	0	0
D5	11	20	1	1
D6	3	18	1	0
D7	9	97	8	3
D8	14	119	2	0
D9	28	121	5	1
D10	30	76	2	1
E3	0	2	0	0
E4	0	10	0	0
E5	0	1	0	0
E6	0	1	0	0
E7	0	3	0	0
E8	0	11	0	0
E9	2	62	0	0
E10	20	50	0	0

Planning Gird	Low <1000	Moderate 1000-3000	High>4000	Special>4000
E11	2	25	1	1
E12	0	0	0	0
F3	0	1	0	0
F4	0	6	1	0
F6	0	0	0	0
F7	0	0	0	0
F9	0	1	0	0
F10	0	0	0	0
F11	0	18	0	0
F12	0	0	0	0
G2	8	6	0	0
G3	0	0	0	0
G4	0	0	0	0

La Crosse Fire Department

Standards of Cover

Appendix F

Summary of Risk Assessment Process

The following is a summary of the fourteen categories of data that were entered into Zoll Fire Records Management System(RMS):

Age of Building:

The year the building was constructed

Construction Type:

Construction type of building based on NFPA code classifications

Area of Building:

Main floor area of building

Height of Building:

Stories above grade

Density of Building:

Square footage of building compared to square footage of the lot

Separation Distance:

Distance in feet, between building and nearest building

Built in fire protection systems – detectors:

Level of fire detection systems

Built in fire protection systems – automatic extinguisher systems:

Level of automatic extinguishing systems

Fire flow requirements:

Amount of water necessary to control the emergency, based on structure, contents and exposures

Exposures:

The number of exposures as defined by NFPA 1142, “any building over 100 square feet within 50 feet of the building”

Hazards in Building:

Building contains a reportable quantity of hazardous materials

Access to Building:

The ability of firefighters to get personnel and apparatus to the all sides of the building to attack a fire and conduct a rescue

Life Safety/Occupancy:

Life safety/occupancy classification of the building; unoccupied, single family, group, assembly, or mass

Property Value of Building:

Estimated property value of building

Target Hazard:

Identified high hazard occupancy not reflected in all other categories. Example: Hydrite Chemical.

SCORING SYSTEM: A risk assessment scoring system was created using NFIRS 5ALIVE software. Points were assigned to each of the fourteen categories:

Year built

- 1 1985 and after
- 2 1960 – 1984
- 3 1935 – 1959
- 4 1910 – 1934
- 5 Prior to 1910

Construction type

- 1 1 – type I fire resistive
- 2 2 – type II non combustible
- 3 4 – type IV heavy timber
- 4 3 – type III ordinary
- 5 5 - type V wood frame, 9 - not classified, U - undetermined

Main floor area

- 1 0 – 7,500
- 2 7,501 – 15,000
- 3 15,001 – 25,000
- 4 25,001 – 40,000
- 5 40,000 and up

Additional stories above grade

- 1 1
- 2 2
- 3 3
- 20 4
- 20 5 and up

Density

- 1 .00 - .19
- 2 .20 - .39
- 3 .40 - .59
- 4 .60 - .79
- 5 .80 – 1

Separation Distance

- 1 100 and up
- 2 61 – 99
- 3 31 – 60
- 4 11 – 30
- 5 0 – 10

Built in fire protection systems – detector type

- 1 01 – fire alarm system, 4 - sprinkler, water flow detection
- 2 5 – more than one type
- 3 1 – smoke, 2 heat, 3 combination, 0 detector other
- 4 Blank
- 5 U1 – none, U - undetermined

Built in fire protection systems – automatic extinguisher system

- 1 1 – 7
- 2 0 – special hazard system
- 3 01 – kitchen wet chemical system
- 4 Blank
- 5 U1 – none, U – undetermined

Fire Flow

- 1 0 – 1000
- 2 1,001 – 2,000
- 3 2,001 – 3,000
- 4 3,001 – 4,000
- 5 4,001 and up

Exposures

- 1 0
- 2 1
- 3 2
- 4 3
- 5 4 or more

Hazards

- 1 No
- 5 Yes

Access

- 1 All sides
- 2 3 sides
- 3 2 sides
- 4 1 side
- 5 None

Life safety factors

- 1 Unoccupied
- 2 Single family
- 3 Group
- 4 Assembly
- 5 Mass

Estimated property value

- 1 0 - 250,00
- 2 250,001 – 500,000
- 3 500,001 – 750,000
- 4 750,001 – 1,000,000
- 5 1,000,00 and up

Target Hazard

- 0 No
- 20 Yes

Total Scores:

- Low < 19
- Moderate 19-44
- High 45-69
- Maximum > 69

Maximum Risk:

This is the highest degree of risk. Maximum risk properties are defined as properties presenting a high risk of life loss, loss of economic values to the community, or large loss damage to the property. For a building to be classified a maximum risk it must receive a score of greater than 69. 0.3 % (9) of the inspected buildings in La Crosse scored at a maximum risk.

High Risk:

The next highest degree of risk is the high risk category. High risk properties are defined as properties presenting a substantial risk of life loss, a severe financial impact on the community, or unusual potential damage to property. For a building to be classified a high risk it must score a value between 45 and 69. 15.4 % (459) of the inspected buildings in La Crosse scored at a high risk.

Moderate Risk:

The next highest degree of risk is the moderate risk category. Moderate risk properties are defined as properties of average size, where the risk of life loss or damage to property in the event of a fire in a single occupancy is usually limited to the occupants. For a building to be classified a moderate risk it must score a value between 19 and 44. 83.9 % (2,497) of the inspected buildings in La Crosse scored at a moderate risk.

Low Risk:

The lowest degree of risk is the low risk category. Low risk properties are defined as properties that are small non-commercial structures that are remote from other buildings, such as detached residential garages and out buildings. For a building to be classified a low risk it must score a value of less than 19. 0.3 % (11) of the inspected buildings in La Crosse scored at a low risk. The table below shows all inspected properties in the city.

Inspected Properties in La Crosse

Category	Score	Total	Percent
Maximum	> 69	9	0.3
High	45-69	459	15.4
Moderate	19-44	2497	84
Low	< 19	11	0.3

The City of La Crosse has 12,217 residential properties that are two unit apartments or single family properties. These 12, 217 residential properties fall within the moderate risk category. The table below shows all properties in La Crosse, including these 12,217 residential properties.

Inspected and Residential Properties in La Crosse

Category	Score	Total	Percent
Maximum	> 69	9	0.05
High	45-69	459	3
Moderate	19-44	14714	96.9
Low	< 19	11	0.05

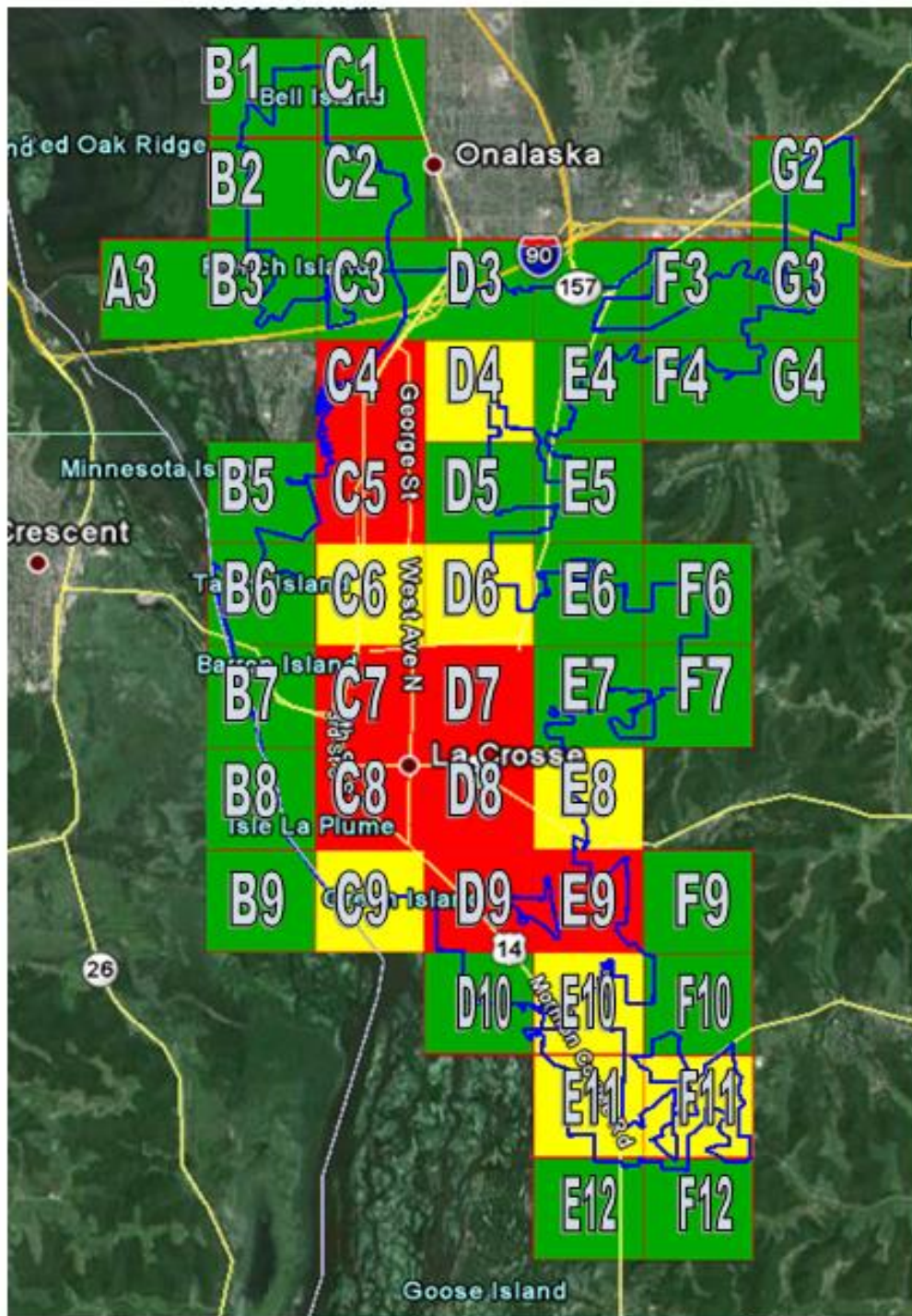
La Crosse Fire Department

Standards of Cover

Appendix G Population Map

City of La Crosse Fire Department

Population Risk Response



>2500 High Risk



500-2500 Moderate Risk



<500 Low Risk



La Crosse Fire Department

Standards of Cover

Appendix H GIS Analysis

-Analysis Overview

The goal of this analysis is to provide the following deliverables:

- 1 overall overview initial response map of the city with the 4 current stations
- 1 overall overview initial response map of the city with the 4 current stations plus planned station at Hwy 14/61 & MM
- 1 initial response map per station including planned station at Hwy 14/61 & MM
- 1 analysis map of estimated best locations for station distribution for initial response
- If time allows we will assemble 1 overall overview response map of the city with the 4 current stations taking into account time needed for a full response (ie. all apparatus needed.) This will be done for as many types of response as time allows.

Further notes:

- All response maps will show 4 & 8 minute estimated response times
- We will take the existing stop signs into account and try to apply a standard lesser barrier where those signs may be missing.
- We will take into account railroad crossing barriers.
- When all stop signs are complete we can complete a new updated set of maps under a new contract.
- All maps will be estimates based on available data and not fact.

-Analysis Process

An analysis network was built using ArcGIS 9.2 that models navigation on the streets of La Crosse. Street direction was modeled. All one-way streets and divided lanes present in the provided data were modeled as traversable only under the appropriate conditions. Road elevation (overpasses/bridges) and connectivity (turn restrictions) were also modeled and implemented when the appropriate conditions in the data were met. Speed limits were modeled as an impedance value for traversing the network. Speed limit data was provided for a portion of the city, the speed limit was modeled at the appropriate values where the data was provided. A default value of 25 mph was implemented for all other streets. Street lights, stop signs, and yield signs were modeled in the best possible manner given the provided data. These traffic intersections were modeled with impedance values that are appended to the traversal time of the route given the manner in which the route is being traversed. The below table (*fig 1*) explains the impedance values that were used. All intersections (not just the ones that do not involve a traffic signal) have a global impedance value assigned to it that varies given the nature of how the intersection is being traversed (i.e. right turn, left turn, u-turn etc.). The railroad overheads were modeled by placing barriers on the roads that should be avoided due to railroad tracks. These points in the road are made non-traversable in the analysis.

The process of this analysis involved building a GIS network that implements the above rules and impedance values. Once the network is properly modeled, it can be used to perform an analysis such as identifying the service area of given points.

Fig. 1

Turn Type	Impedance Value (in minutes)
Yield (left turn)	0.15
Yield (right turn)	0.05
Yield (straight)	0.1
Yield (u turn)	0.15
Stop Light (left turn)	0.33
Stop Light (right turn)	0.1
Stop Light (straight turn)	0.33
Stop Light (u turn)	0.33
Stop (left turn)	0.16666
Stop (right turn)	0.083
Stop (straight turn)	0.125
Stop (u turn)	0.16666

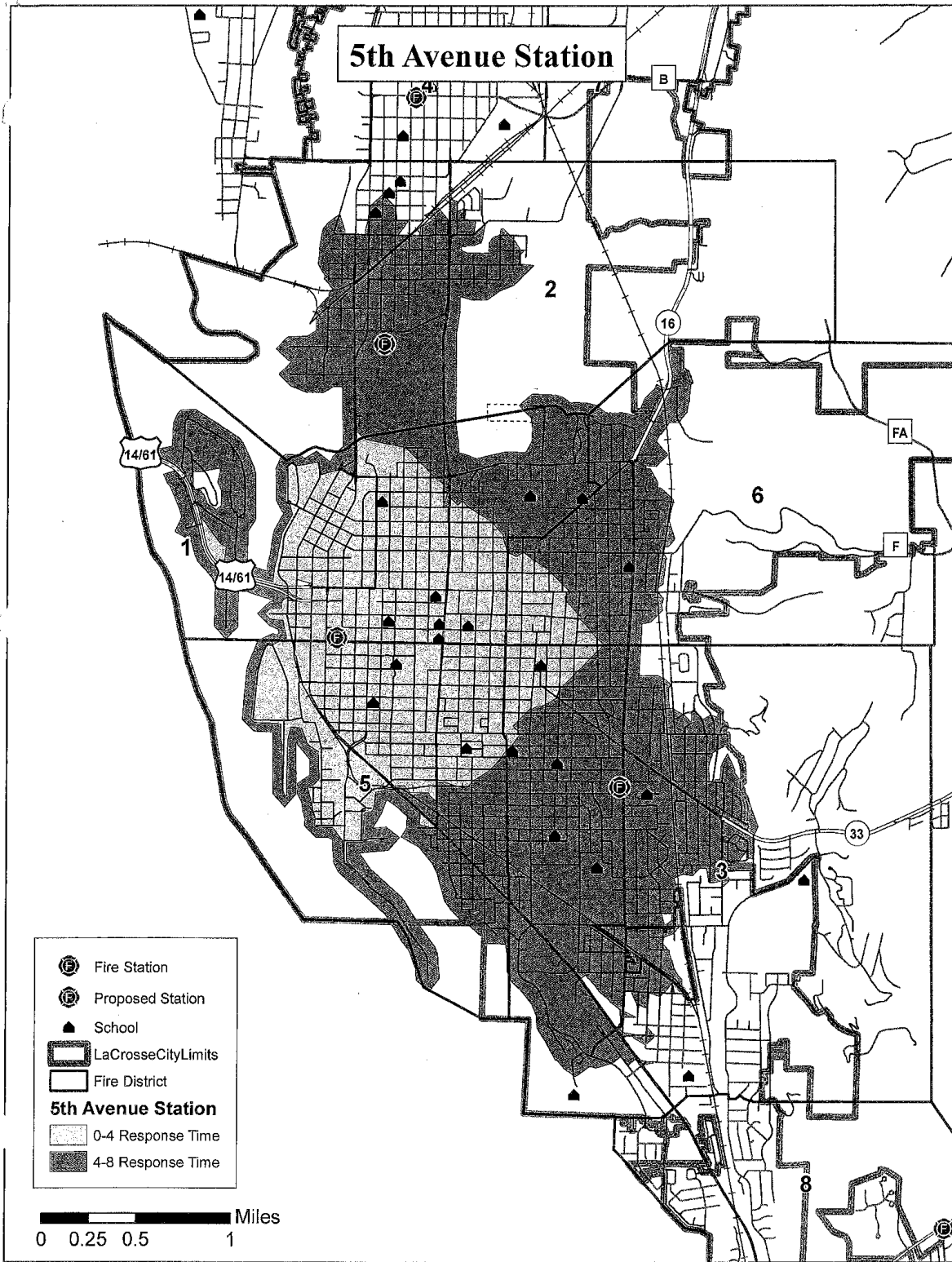
Work done to clean data

- Conflation of stop sign data and road data was required. We were unable to systematically snap all stop signs to the appropriate road. Furthermore, digitizing direction of roads was not consistent or accurate so assigning a To-From / From-To value to identify location of a stop sign could not be automated. All stop signs had to be either manually verified as correct or manually edited.
- Conflation of stop light data and road data was required. All stop lights had to be either manually verified as correct or manually edited for the same reasons as above.
- Conflation of yield data and road data was required. All yields had to be either manually verified as correct or manually edited for the same reasons as above.
- Road digitizing direction (direction of lines) was not consistently accurate needed to be manually corrected and analyzed to implement one way roads appropriately.
- Barrier information had to be manually extracted from railroad overhead descriptions.
- In some cases, ramps were missing and did not allow for vehicle access where it should be available. These ramps were digitized from aerial photographs.
- In some cases network topology had small breaks or line ends were inappropriately snapped to line vertices when they should be snapped to line end points (and vice versa). This was also the cause of errors in lane elevation which is used to model overpasses and highway intersections.
- Speed limit data was provided for only the city and was spatially joined to the complete county network a default value was systematically applied to the streets that did not receive a speed limit from the spatial join. It is a requirement that all roads have a speed limit value.

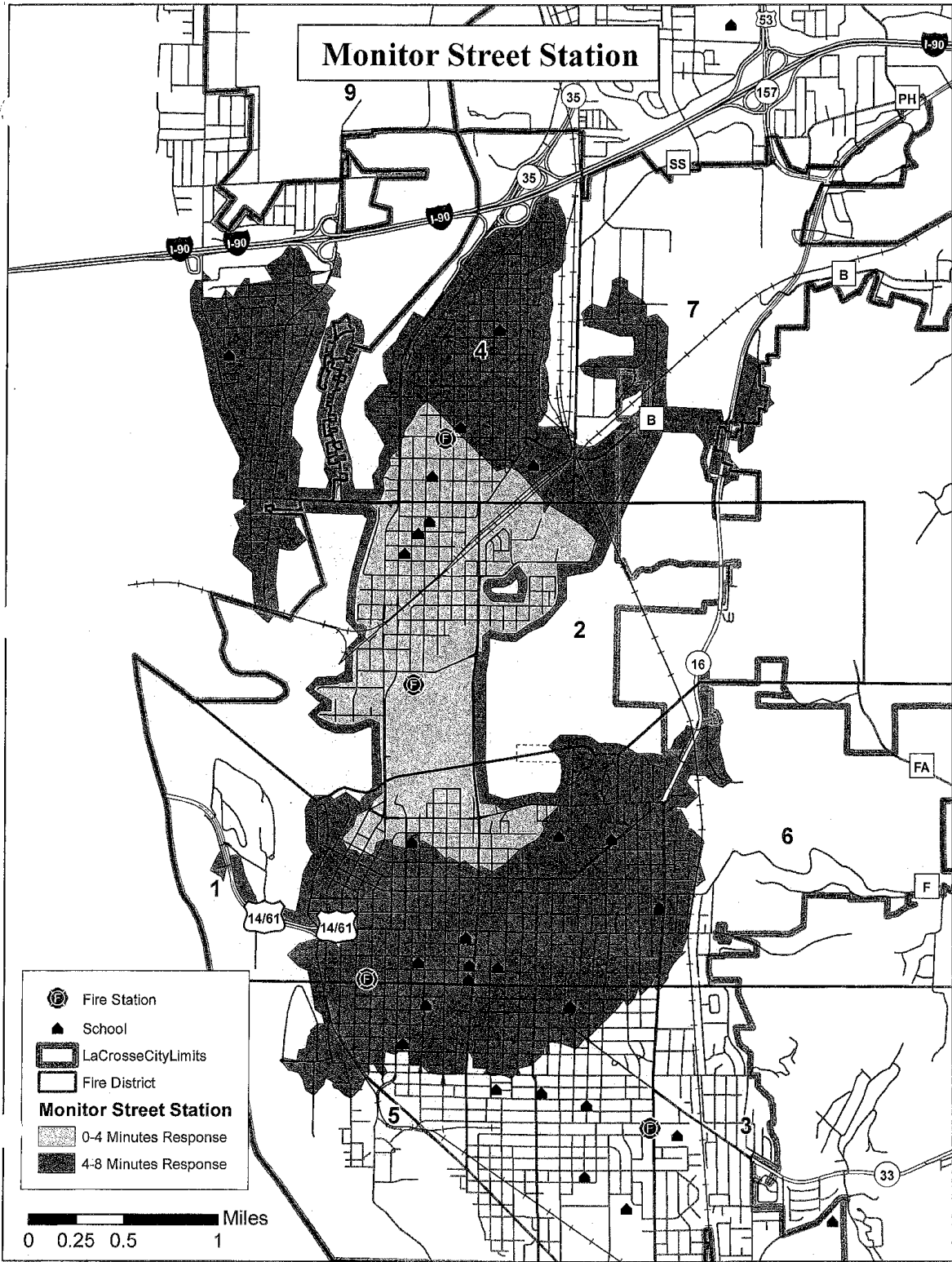
Analysis Restraints

There are some restraints that limited the network's ability to model reality:

- Incomplete / confused data – for several of the layers, we went in and cleaned up the data but there was only so much we could do here. (See the descriptions above).
- Speed limit data was only available in the city limits; having speed limits for the entire county dataset would increase accuracy.
- Stop & yield signs were only available for portions of the city; having complete datasets for the county dataset would increase accuracy.
- Stop sign, yield sign, & stop light data was not available outside city limits; having complete datasets for the county dataset would increase accuracy.
- Modeling impedance values – as expected, the variables used for implementing impedance (*fig 1*) are an estimation of what would happen in reality. The above values could be a better simulation of reality if research of each individual intersection in La Crosse were available.
- Traffic density per road and per time of day could be implemented to better simulate reality. These factors have been left out of the analysis because the data is not available.



Monitor Street Station



La Crosse Fire Department

Standards of Cover

Appendix I Comparable City Data

Wisconsin Fire Department Staffing and Spending

	Population	Sq. Miles	# of St	Sta/sq mi	FF's	Authorized Firefighters/		Expenditures	
						1000 population	Budget	Per Capita	
*Wauwatosa	46396	13.2	3	4.40	111	2.39	\$13,186,741	\$284.22	
Merrill	9661	7.5	2	3.75	28	2.38	\$2,259,392	\$233.87	
*Beloit	36966	16.4	3	5.47	65	1.76	\$8,109,192	\$219.37	
*West Allis	60411	12.1	3	4.70	109	1.80	\$12,930,600	\$214.04	
Rhineland	7798	7.9	1	7.90	20	2.56	\$1,601,534	\$205.38	
Wisconsin Rapids	18367	14.1	2	7.05	32	1.74	\$3,677,529	\$200.22	
North Shore	68000	25	5	5.00	105	1.54	\$13,478,447	\$198.21	
Racine	78860	18.7	6	3.12	142	1.80	\$15,490,746	\$196.43	
*La Crosse	51320	22.2	4	5.55	95	1.85	\$9,973,050	\$194.33	
Brookfield	37920	27.2	3	9.07	57	1.50	\$7,360,681	\$194.14	
Green Bay	104057	54.3	7	7.76	181	1.74	\$20,008,300	\$192.28	
Chippewa Falls	13661	11.4	2	5.70	25	1.83	\$2,566,558	\$187.87	
Stevens Point	26717	16.2	2	8.10	39	1.46	\$4,954,681	\$185.45	
Oak Creek	34451	28.6	3	9.53	52	1.51	\$6,165,100	\$178.95	
Madison	233209	84.7	12	7.06	366	1.57	\$41,176,979	\$176.57	
Manitowish	10968	8	1	8.00	16	1.46	\$1,887,672	\$172.11	
Caledonia	24705	48.7	3	16.23	43	1.74	\$4,239,190	\$171.59	
Neenah/Menasha	43999	15.3	4	3.83	67	1.52	\$7,474,195	\$169.87	
Milwaukee	594833	96.9	36	2.69	881	1.48	\$99,820,902	\$167.81	
Franklin	35451	34.7	3	11.57	44	1.24	\$5,882,112	\$165.92	
Manitowoc	33736	17.2	4	4.30	57	1.69	\$5,534,577	\$164.06	
Waukesha	70718	27.2	5	5.44	103	1.46	\$11,565,567	\$163.54	
*Wausau	39106	17.8	3	5.93	59	1.51	\$6,384,621	\$163.26	
*Oshkosh	66088	24.4	6	4.07	103	1.56	\$10,782,100	\$163.16	
Greenfield	36720	11.6	2	5.80	54	1.47	\$5,836,031	\$158.93	
Eau Claire	65888	32.2	6	5.40	92	1.40	\$10,311,300	\$156.51	
*Janesville	63575	28.1	5	5.62	92	1.45	\$9,816,053	\$154.40	
Marshfield	19118	12.7	1	12.70	36	1.88	\$2,876,341	\$150.25	
*Sheboygan	49288	14.1	5	2.82	78	1.58	\$7,270,513	\$147.51	
*Appleton	72623	21.4	6	3.57	92	1.27	\$10,205,362	\$140.53	
Superior	27244	55.4	3	18.47	37	1.36	\$3,780,545	\$138.77	
Gudahy	18267	4.7	2	2.35	25	1.37	\$2,445,488	\$133.87	
Kenosha	99218	24	6	4.00	153	1.54	\$12,028,021	\$121.23	
Grand du Lac	43021	18.2	3	6.07	67	1.56	\$4,561,415	\$109.03	

**Individuals and Families Below the Poverty Level
2005-2009 (U.S. Census Bureau, n.d.)**

<u>City</u>	<u>Individuals Below the Poverty Level</u>	<u>Families Below the Poverty Level</u>
Stevens Point	26.2%	8.6%
*La Crosse	25.2%	13.3%
Milwaukee	24.3%	19.9%
*Beloit	19.5%	16.8%
Madison	19.4%	8.1%
*Eau Claire	18.7%	9.0%
Marinette	18.7%	16.4%
Rhineland	18.3%	15.8%
Racine	17.7%	13.6%
Superior	15.7%	12.2%
Green Bay	15.5%	11.4%
Kenosha	15.0%	10.9%
*Oshkosh	14.5%	8.1%
Merrill	14.4%	13.3%
*Wausau	12.4%	8.4%
Cudahy	12.2%	8.6%
West Allis	11.8%	8.7%
*Fond du Lac	11.6%	8.1%
Wisconsin Rapids	11.4%	10.3%
*Sheboygan	11.3%	8.8%
Chippewa Falls	11.0%	9.4%
*Janesville	11.0%	8.6%
*Appleton	10.3%	7.9%
Manitowoc	10.0%	6.2%
Marshfield	8.8%	3.6%
*Waukesha	8.8%	6.1%
Caledonia	8.2%	1.6%
Oak Creek	6.1%	5.0%
Greenfield	5.2%	2.0%
*Wauwatosa	5.0%	2.0%
Franklin	4.1%	2.9%
*Brookfield	2.6%	1.6%

The Influence that Poverty has on Fire Rates

- Average fire rates 2-4 times higher in census tracts with high levels of poverty (Karter and Donner, 1978).
- Strong negative relationship between income and fire rates (Gunther, 1981).
- Poorest groups of neighborhoods have 14 times the number of suspicious fires (Gunther, 1981).
- Poorest groups of neighborhoods 14 times more likely to have children start a fire (Gunther, 1981).
- Poorest groups of neighborhoods 8 times more likely to have a fire started by careless smoking (Gunther, 1981).

The Influence that Rentals have on Fire Rates

- A lower rate of owner-occupied homes related to an increased fire risk (Munson and Oates, 1987).
- Two times more likely to have a fire in a rental (Karter and Donner, 1978).

Reasons why Poverty and Rentals Increase Fire Rates

- Housing Quality
 - Withdrawal of routine maintenance services erodes the quality of housing units (USFA, 1997).
 - Electrical wiring not designed to carry the load placed on it (Jennings, 1996).
 - Risk increases when households try to compensate for inadequate heating/cooling systems (Jennings, 1996).
- Smoke Detectors
 - Older structures less likely to have smoke detectors (USFA, 1997).
 - People living in poverty do not have the financial resources to invest in fire safety (Munson and Oates, 1987).
- Children are more likely to be left alone (Kraizer et al, 1990).
- Increased levels of alcohol and drug abuse (USFA, 1997).

Multiple City Comparisons

City	Geographical Info				Personnel				# of FFs Responding to Fire
	Square Miles	2010 Population Estimation	Fire Stations	Square Miles Per Station	Total Personnel	Per Capita Staffing	Day Personnel	Shift Personnel	
Beoit	17.00	37,100	3	5.67	65.75	1.77	5	60	
Eau Claire	34.00	66,149	6	5.67	94	1.42	8	86	18
Janesville	33.60	63,600	5	6.72	92.75	1.46	7	87	14
La Crosse	22.20	51,900	4	5.55	95	1.83	7	88	14
Oshkosh	24.89	66,080	6	4.15	108	1.64	7	96	17
Sheboygan	15.00	50,400	5	3.00	79.5	1.58	8	69	12 + 4 ³
Waukesha	25.11	69,100	5	5.02	107	1.55	10	96	21
Wausau	19.20	40,700	3	6.40	60	1.49	5	54	12
Wauwatosa	13.07	45,800	3	4.36	99	2.16	8	102	15
Racine	18.70	80,100	6	3.12	144	1.80	12	132	14
Merrill	8.24	10,130	2	4.12	23	2.28	2	21	9
Green Bay	46.00	104,000	7	6.57	186	1.79	13	172	14
West Allis	11.40	60,600	3	3.80	107	1.77	8	99	19
Chippewa Falls	11.40	13,470	2	5.70	27	2.01	3	24	17
Mantowoc	17.20	34,700	4	4.30	57	1.64	15	51	12
Milwaukee	96.60	594,833	36	2.68	1027	1.73		810	14+
North Shore	25.00	66,000	5	5.00	113	1.71	8	105	21
Brookfield	26.80	39,600	3	8.93	60	1.52	5	55	16
Fond du Lac	20.17	43,600	3	6.72	67	1.54	7	60	17
Appleton	24.9	72,563	6	4.15	98	1.35	13	85	17
Rhinelander	7.9	8,210	1	7.9	20	2.44	2	18	7
Superior									
Kenosha									
Madison									

³ Additional Personnel for 2nd Alarm

Multiple City Comparisons

City	Services					Equipment			
	Water Rescue	Technical Rescue	Haz Mat Team	High Angle Rescue	EMS Services	Ambulance Service	Quints	Engines	Rescues
Beloit	Yes ¹	Yes	No ²	Yes	Paramedic	Yes	1	3	4
Eau Claire	No	Yes	Yes	No	Paramedic	Yes	2	6	6
Janesville	Yes	Yes	No ²	Yes	Paramedic	Yes	3	3	1
La Crosse	Yes	Yes	Yes	Yes	EMT	No	3	4	3
Oshkosh	Yes	Yes	Yes	Yes	Paramedic	Yes	2	4	1
Sheboygan	Yes	Yes	No ²	Yes	Paramedic	Yes	1	5	2
Waukesha	Yes	Yes	No ²	Yes	Paramedic	Yes	2	3	See List
Wausau	Yes	No	Yes	Yes	Paramedic	Yes	1	3	3
Wauwatosa	Yes ¹	Yes	No ²	Yes	BLS & ALSA	Yes	2	2	4
Racine	Yes	Yes	Yes	Yes	Paramedic	Yes	3	8	8
Merrill	Yes	Yes	No	Yes	Paramedic	Yes	1	1	3
Green Bay	Yes	Yes	No ²	Yes	Paramedic	Yes	3	7	4
West Allis	Yes	Yes	No ²	No	Paramedic	Yes	1	3	3
Chippewa Falls	No	Yes	No ²	No	BLS & ALSA	Yes	1	3	4
Mantowoc	Yes	Yes	Yes	Yes	Paramedic	Yes	1	5	10
Milwaukee	Yes	Yes	Yes	Yes	Paramedic	Yes			
North Shore	Yes	Yes	No	No	BLS & ALA A	Yes	2	5	5
Brookfield	Yes	Yes	No ²	No	Paramedic	Yes	1	2	3
Fond du Lac	Yes	Yes	Yes	Yes	Paramedic	Yes	2	4	6
Appleton	Yes	Yes	Yes	Yes	BLS	No	1	6	1
Rhinelander	Yes	Yes	No ²	Yes	Paramedic	Yes	1	2	4
Superior									
Kenosha									
Madison									

¹ Surface Only
² County Level B

Multiple City Comparisons

City	# of calls (Primary City Only - Fire)	# of calls (Primary City Only - EMS)	# of calls (Primary City Only - Total)	# of Colleges / Universities	# of Students in Colleges / Universities	# of Hospitals
Beloit			0	1	2,000	1
Eau Claire	157	6010	6167	3	14,000	2
Janesville	1324	1978	3302	1	950	1
La Crosse	1250	3340	4590	3	15,000	2
Oshkosh	752	7222	7977	2	13,100	2
Sheboygan	917	2758	3675	2	730	2
Waukesha	1128	4536	5664	2	3,400	3
Wausau	1333	4161	5494	2	3,100	1
Wauwatosa	1671	3473	5144	2	1,500	3
Racine	898	8237	9135			2
Merrill	176	1577	1753	0		1
Green Bay	2584	7182	9766	4		4
West Allis	172	6456	7818	1		2
Chippewa Falls	669	2465*	3134	0	0	1
Manitowoc	500	5000**	5650	2		2
Milwaukee	13903	26128	40031			
North Shore	1827	4343	6170			1
Brookfield	1108	2092	3200	6		1
Fond du Lac	2605	4172	6777	3		2
Appleton	1396	2128	3524			
Rhinelander				0		1
Superior						
Kenosha						
Madison						

* Chippewa Falls responds to 3 townships as well
 ** Manitowoc covers 100 sq. miles in EMS coverage

Multiple City Comparisons

City	Annual Property Loss	90% Fractile Response Time(All Calls)	Avg Response Time (All Calls)	Mutual Aid?	# of Inspections (Annually)	Budgeted Overtime (2009)
Beloit	\$1,332,272.00	N/A	5:00	Y (Airport)	4,800	\$326,000
Eau Claire	\$1,487,766.00	7:91	5:13	Y	6,029	\$248,000
Janesville	N/A	Not Calculated	Not Calculated	Y	6,000	\$232,921
La Crosse		4:14	2:39	N	5,412	\$197,000
Oshkosh	\$900,000.00	N/A	4:00	N	4,000	\$206,000
Sheboygan	\$450,000.00	Not Calculated	3:00	Y	3,800	45,000 + 50,000 ⁴
Waukesha	N/A	Not Calculated	5:34	Y	5,500	\$257,000
Wausau	N/A	N/A	> 5:00	Y (Airport)	3,823	\$120,000
Wauwatosa	\$550,000.00	Not Calculated	Not Calculated	Y	6,800	\$304,803
Racine		Not Calculated	6:13	Y	3,200	\$300,000
Merrill		Not Calculated	2:43	Y	1,126	\$125,000
Green Bay	\$2,500,000.00	Not Calculated		Y	5,000	\$481,120
West Allis	\$797,251.00		>5:00 91%	Y	4,300	\$187,500
Chippewa Falls	\$175,000.00	Not Calculated	4:42	Y	1,600	\$90,000
Mantowoc	\$500,000.00	Not Calculated	>5:00 90%	Y	1,590	\$98,000
Milwaukee		Not Calculated	> 7:00 90%	Y		
North Shore	\$15,000,000.00	Not Calculated	5:30	Y	2700+	\$350,000
Brookfield	\$738,000.00	Not Calculated	5:40	Y	5,000	\$210,000
Fond du Lac	N/A		6:21	Y	2,615	\$464,000
Appleton	\$1,200,000.00	Not Calculated	4:40	Y		
Rhinelander	N/A		3:30	Y	720	
Superior						
Kenosha						
Madison						

⁴ 45,000 for Fire and 50,000 for EMS

Multiple City Comparisons

City	Housing (%)		Housing (Actual Numbers)			
	Owner Occupied	Rental	Owner Occupied	Rentals	Total	
Beloit	62.0%	38.0%	8,277	5,093	13,370	
Eau Claire	57.3%	42.7%	13,759	10,257	24,016	
Janesville	68.2%	31.8%	16,289	7,605	23,894	
La Crosse	51.0%	49.0%	10,746	10,364	21,110	
Oshkosh	57.6%	42.4%	13,851	10,231	24,082	
Sheboygan	61.2%	38.8%	12,698	8,081	20,779	
Waukesha	56.6%	43.4%	14,508	11,155	25,663	
Wausau	61.8%	38.2%	9,676	6,002	15,678	
Wauwatosa	67.8%	32.2%	13,819	6,569	20,388	
Racine	60.4%	39.6%	18,972	12,477	31,449	
Merrill	65.4%	34.6%	2,732	1,451	4,183	
Green Bay	56.0%	44.0%	23,281	18,310	41,591	
West Allis	58.1%	41.9%	16,031	11,573	27,604	
Chippewa Falls	58.3%	41.7%	3,284	2,354	5,638	
Mantowoc	67.7%	32.3%	9,626	4,609	14,235	
Milwaukee	45.4%	54.6%	232,188	126,953	359,141	
North Shore	71.5%	28.4%	19,043	7,569	26,612	
Brookfield	85.0%	15.0%	12,227	2,156	14,383	
Fond du Lac	61.8%	38.2%	10,270	6,368	16,638	
Appleton	68.7%	31.3%	18,455	8,409	26,864	
Rhineland	59.3%	40.7%	1,907	1,307	3,214	
Superior						
Kenosha						
Madison						

Housing source-- www.maps.n stats

Multiple City Comparisons

City	Community Programs					
	JFS	Fire Prevention K-6	Fire Safety House or equiv.	Senior Citizens (Get Out and Stay Alive)	Senior Citizens (Disabled Program)	Ethnic Community Services / Education
Beloit	Y	K-5	Y	N	N	Y
Eau Claire	Y	K-5	Y	Y	Y	Y
Janesville	N	K,1,3,5,9	Y	Y	N	Y
La Crosse	Y	K-6, 12	Y	Y	Y	Y
Oshkosh	Y	Y	Y	Y	Y	N
Sheboygan	N	K,1,3,4	N	Y	Y	Y
Waukesha	Y	K,1,4	N	Y	N	Y
Wausau	Y	Y	Y	Y	Y	Y
Wauwatosa	N	Y	Y	Y	N	Y
Racine						
Merrill	N	Y	N	Y	Y	N
Green Bay	Y	Y	Y	N	Y	Y
West Allis	Y	Y	Y	Y	N	N
Chippewa Falls	Y	Y	N	Y	N	N
Manitowoc	Y	Y	Y	Y	N	Y
Milwaukee						
North Shore	N	Y	Y	N	Y	N
Brookfield						
Fond du Lac	Y	Y	Y	Y	N	N
Appleton	Y					
Rhineland	Y	Y	Y	N	N	N
Superior						
Kenosha						
Madison						

Multiple City Comparisons

City	State LPO (Underground Tank Program)
Beloit	Y
Eau Claire	Y
Janesville	Y
La Crosse	Y
Oshkosh	Y
Sheboygan	N
Waukesha	Y
Wausau	Y
Wauwatosa	Y
Racine	
Merrill	N
Green Bay	Y
West Allis	Y
Chippewa Falls	Y
Mantowoc	N
Milwaukee	
North Shore	N
Brookfield	
Fond du Lac	Y
Appleton	
Rhineland	Y
Superior	
Kenosha	
Madison	

ISO Comparison of Wisconsin Cities

La Crosse	2
Wauwatosa	2
Merrill	4
Beloit	3
West Allis	2
Rhineland	5
Wisconsin Rapids	3
North Shore	2
Racine	2
Brookfield	3
Green Bay	2
Chippewa Falls	3
Stevens Point	3
Oak Creek	3
Madison	3
Marinette	3
Caledonia	4
Neenah/Menasha	2
Milwaukee	2
Franklin	4
Manitowoc	2
Waukesha	2

Wausau	3
Oshkosh	2
Greenfield	3
Eau Claire	3
Janesville	3
Marshfield	4
Sheboygan	2
Appleton	2
Superior	4
Cudahy	4
Kenosha	2
Fond du Lac	2



La Crosse Fire Department

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Risk Assessment and Response Analysis : Planning Zone A3

District Overview

Planning zone A3 is located on the far northwest side of La Crosse. This entire planning zone lies outside of La Crosse's city limits. One occupancy is inspected by the agency's inspection bureau. This one property scored in the moderate risk assessment category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
---------	---------------	-----------------	-----------	-----------------------

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	1	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential		
Inspected	1	100%
Total	1	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	1	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B1

District Overview

Planning zone B1 is located on the far northwest side of La Crosse. A runway of the La Crosse Regional Airport falls in this planning zone. There are no inspected or residential occupancy's in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
---------	---------------	-----------------	-----------	-----------------------

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	100%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	0	0%
Total	0	0%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B2

District Overview

Planning zone B2 is located on the northwest side of La Crosse. The La Crosse Regional Airport is located in this planning zone. The airport is noted as a special hazard due to jet fuel storage and its high economic impact on the La Crosse area. The La Crosse Airport Rescue and Firefighting (ARFF) station is located in this zone. Light to heavy manufacturing and warehousing dominates this planning zone. 90 % of the planning zone scored in moderate risk assessment category and 10 % of the planning zone scored in the high risk category. There are no residential occupancy's in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2850 Airport Rd.	La Crosse Airport	Bulk jet fuel storage	1,125	52

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	3	10%
Moderate	19-44	26	90%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	29	100%
Total	29	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	1	0	11	1	0	1	1	0	0	15
2011	0	0	9	2	1	3	1	0	0	16
2012	1	0	3	0	2	1	2	0	0	9
2013	0	0	3	1	0	1	3	0	0	8
2014	1	0	2	0	0	0	4	0	0	9

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	07:07	NA	10:50	10:11	NA	NA	09:50	NA	NA	10:46
2011	NA	NA	11:36	09:54	NA	NA	09:41	NA	NA	11:29
2012	12:25	NA	09:46	NA	NA	NA	10:32	NA	NA	11:30
2013	NA	NA	09:07	07:24	NA	NA	10:46	NA	NA	10:33
2014	09:13	NA	09:32	13:26	NA	NA	10:29	NA	NA	11:33

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	3	10%
Moderate	1000-3000	26	90%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B3

District Overview

Planning zone B3 is located on the northwest side of La Crosse. A runway of the La Crosse Regional Airport falls in this planning zone. Light to heavy manufacturing and warehousing dominates this planning zone. 78 % of the planning zone scored in the moderate risk assessment category and 22 % scored in the high risk category. There are two residential properties in this planning zone. Interstate 90 crosses the southern side of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
Inspected Occupancy Risk Assessment				
Category	Score	Totals	Percent	
Maximum	>69	0	0%	
High	45-69	2	22%	
Moderate	19-44	7	78%	
Low	<19	0	0%	

Occupancy Analysis		
Classification	Total	Percent
Residential	2	18%
Inspected	9	82%
Total	11	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	8	0	0	1	2	0	1	12
2011	0	0	4	0	0	0	5	0	0	9
2012	2	0	3	0	0	0	0	0	0	5
2013	1	0	6	1	1	0	0	0	0	9
2014	0	0	7	2	0	0	0	0	0	9

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	09:32	NA	NA	12:22	09:40	NA	NA	09:47
2011	NA	NA	07:35	NA	NA	NA	10:43	NA	NA	10:38
2012	08:38	NA	09:44	NA	NA	NA	NA	NA	NA	09:55
2013	05:46	NA	11:23	09:56	NA	NA	NA	NA	NA	10:48
2014	NA	NA	10:07	08:33	NA	NA	NA	NA	NA	09:39

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	9	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B5

District Overview

Planning zone B5 includes a very small portion of the city on the western border of La Crosse's north side. One inspected property and three residential units are located in this planning zone. The one inspected property scored in the moderate risk assessment category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
---------	---------------	-----------------	-----------	-----------------------

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	1	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	3	75%
Inspected	1	25%
Total	4	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	1	0	0	0	0	1	0	0	0	2
2011	0	0	0	0	0	1	1	0	0	2
2012	0	0	1	0	0	0	1	0	0	2
2013	0	0	0	0	0	1	0	0	0	1
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	06:38	NA	NA	NA	NA	04:58	NA	NA	NA	06:28
2011	NA	NA	NA	NA	NA	07:37	05:47	NA	NA	07:26
2012	NA	NA	05:25	NA	NA	NA	NA	NA	NA	05:25
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	1	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B6

District Overview

Planning zone B6 is located on the western border of La Crosse's north side. Heavy industrial occupancies dominate this planning zone. Two Xcel Energy power generation buildings scored in the maximum risk assessment category and have a high economic impact to La Crosse, making up 40 % of the inspected properties. 40 % of the planning zone scored in the moderate risk assessment category and 20 % scored in the high risk category. There is one residential unit in this planning zone. The Mississippi River and Black River flow through this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
200 Bainbridge St	Xcel Energy	Power generation	2750	77

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	2	40%
High	45-69	1	20%
Moderate	19-44	2	40%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	1	83%
Inspected	5	17%
Total	6	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	1	0	0	0	1	0	0	2
2012	1	0	0	0	0	0	0	0	0	1
2013	1	0	1	0	0	0	0	0	0	2
2014	1	0	2	0	1	0	0	0	0	4

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	09:45	NA	NA	NA	NA	NA	NA	09:45
2012	08:20	NA	NA	NA	NA	NA	NA	NA	NA	08:20
2013	06:22	NA	09:43	NA	NA	NA	NA	NA	NA	09:23
2014	07:33	NA	05:05	NA	NA	NA	NA	NA	NA	07:03

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	2	40%
Moderate	1000-3000	3	60%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B7

District Overview

Planning zone B7 is located centrally on La Crosse's west border. The city's far western border of its downtown district falls in this planning zone, with three Logistics Health buildings featuring a high economic value to the city. Two historic city parks fall in this planning zone; Pettibone Park and Riverside Park. The Mississippi river flows through the middle of this planning zone with two main corridor bridges (Cass Street Bridge and Cameron Street Bridge) entering on the city's western border. There are no residential units in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
328-332 Front St.	Logistics Health	Economic impact	1,125	52-53

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	1	14%
Moderate	19-44	6	86%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	7	100%
Total	7	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	2	0	16	0	2	0	5	1	1	27
2011	16	0	16	0	0	0	5	0	0	37
2012	2	0	17	2	2	1	6	0	0	30
2013	0	0	22	3	1	1	3	1	0	31
2014	1	0	7	0	5	3	4	0	0	20

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	06:32	NA	06:23	NA	07:50	NA	04:07	08:43	05:46	06:57
2011	NA	NA	08:37	NA	NA	NA	05:10	NA	NA	08:23
2012	01:46	NA	06:14	11:53	08:08	06:06	04:55	NA	NA	06:23
2013	NA	NA	05:11	NA	06:13	00:46	04:10	NA	NA	05:36
2014	06:21	NA	05:01	NA	05:20	NA	04:13	NA	NA	05:38

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	14%
Moderate	1000-3000	6	86%
Low	<1000	0	29%



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Risk Assessment and Response Analysis : Planning Zone B8

District Overview

Planning zone B8 is located centrally on La Crosse's west border. Houska Park, located on the Mississippi River, is located in this planning zone. La Crosse's waste water treatment plant is located in this planning zone. There are predominantly manufacturing and industrial occupancy's in this planning zone. All nine inspected occupancy's scored in the moderate risk assessment category. The Mississippi River flows through the middle of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
Inspected Occupancy Risk Assessment				
Category	Score	Totals	Percent	
Maximum	>69	0	0%	
High	45-69	0	0%	
Moderate	19-44	9	100%	
Low	<19	0	0%	

Occupancy Analysis		
Classification	Total	Percent
Residential	0	0%
Inspected	9	100%
Total	9	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	1	0	1	0	0	0	0	2
2011	0	0	2	0	0	0	0	0	0	2
2012	0	0	5	1	1	1	0	0	0	8
2013	0	0	7	0	0	1	0	0	0	8
2014	1	0	1	0	0	0	0	0	0	2

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	05:01	NA	NA	NA	NA	NA	NA	05:01
2011	NA	NA	06:20	NA	NA	NA	NA	NA	NA	06:20
2012	NA	NA	06:49	NA	NA	03:00	NA	NA	NA	07:34
2013	NA	NA	05:11	NA	NA	04:37	NA	NA	NA	06:39
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	9	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone B9

District Overview

Planning zone B9 is located centrally on La Crosse's west border. A very small sliver of La Crosse is located in the northeast section of this planning zone. The Mississippi River flows through the middle of this planning zone. There are no inspected properties or residential occupancy's located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
No data present.				

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	0	0%
Total	0	0%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone C1

District Overview

Planning zone C1 is located on the far north border of La Crosse. A very small portion of La Crosse is located in the western edge of this planning zone. This land is located on the La Crosse Regional Airport property. There are no inspected properties or residential occupancy's located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	
Inspected	0	
Total	0	

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone C2

District Overview

Planning zone C2 is located on the northern border of La Crosse. This planning zone is located on the La Crosse Regional Airport, containing runways of the airport. The Black River borders the eastern side of this planning zone. There are no inspected properties or residential occupancy's located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	
Inspected	0	
Total	0	

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	1	0	2	0	0	0	0	0	0	3
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	15:11	NA	09:16	NA	NA	NA	NA	NA	NA	14:01
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone C3

District Overview

Planning zone C3 is located on La Crosse's north side. The Black River flows through the middle of this planning zone. There are forty housing units located on the eastern side of this planning zone, located near the shoreline of the Black River. There are thirty nine inspected properties that are mainly heavy to moderate industrial, manufacturing, and warehousing properties. 93% of the inspected properties scored in the moderate risk assessment category. Ace Hardware warehousing is located in this planning zone. Interstate 90 crosses the southern side of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
500 Fanta Reed Pl.	Ace Hardware	Economic impact	2,188	33

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0
High	45-69	2	5%
Moderate	19-44	36	93%
Low	<19	1	2%

Occupancy Analysis

Classification	Total	Percent
Residential	40	51%
Inspected	39	49%
Total	79	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	3	0	0	1	5	0	0	9
2011	0	0	4	0	0	0	3	0	0	7
2012	0	0	5	0	0	0	2	0	0	7
2013	0	0	7	3	0	1	1	0	0	12
2014	2	0	11	2	1	2	2	0	0	20

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	07:43	NA	NA	NA	08:17	NA	NA	08:12
2011	NA	NA	09:16	NA	NA	NA	08:15	NA	NA	09:08
2012	NA	NA	07:51	NA	NA	NA	07:06	NA	NA	07:43
2013	NA	NA	07:48	08:47	NA	05:28	07:07	NA	NA	08:32
2014	07:03	NA	06:56	07:28	05:23	13:20	07:42	NA	NA	07:32

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	2	5%
Moderate	1000-3000	36	93%
Low	<1000	1	2%



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Risk Assessment and Response Analysis : Planning Zone C4

District Overview

Planning zone C4 is located on La Crosse's north side. This planning zone is mixed residential/commercial use. Housing stock is mainly older one and two story family occupancies. Inspected occupancy's are mainly commercial. 92% of inspected occupancy's scored in the moderate risk assessment category, with 8% scoring in the high category. Central Stated Warehouse, Bridgeview Plaza (strip mall) and Northside Elementary School are located in this planning zone. The Black River flows on the western side of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
1629 Caledonia St.	Central States	Huge warehouse	1,406	57
2500 Rose St.	Bridgeview Plaza	Strip Mall	1,313	34

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	12	8%
Moderate	19-44	137	92%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	876	85%
Inspected	149	15%
Total	1025	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	8	2	248	5	5	4	12	0	1	285
2011	4	1	215	9	4	4	13	0	1	251
2012	4	0	250	5	4	4	13	1	0	281
2013	6	0	227	18	6	3	9	0	1	270
2014	7	0	276	21	32	16	19	0	1	372

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:13	05:41	05:54	05:05	06:08	05:48	05:03	NA	06:07	05:52
2011	04:18	04:40	05:41	06:42	05:27	04:32	06:23	NA	NA	05:49
2012	05:43	NA	05:29	05:18	04:57	06:07	06:16	04:17	NA	05:32
2013	04:25	NA	05:21	06:51	05:58	04:37	05:01	NA	05:51	05:35
2014	04:44	NA	05:33	05:48	05:21	04:35	05:14	NA	NA	05:34

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	1%
Moderate	1000-3000	130	87%
Low	<1000	18	12%



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Risk Assessment and Response Analysis : Planning Zone C5

District Overview

Planning zone C5 is located on the city's north side, it is bordered on the west by the Black River. This planning zone is mixed residential/commercial use. Housing stock is mainly older one and two story family occupancy's. Three inspected properties classified as special hazards are the Board Store, Hydrite Chemical (capacity of storing two million gallons), and Midwest Fuels. Saubor Manor high rise residential occupancy is located in this planning zone. 87% of inspected occupancy's scored in the moderate risk assessment category, with 13% scoring in the high category. Logan Middle School and the Amtrak Depot are in this planning zone. Historic Copeland Park, located on the banks of the Black River, is home to baseball Northwoods League La Crosse Loggers. LCFD Station 4 is in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
615 Sumner St.	Midwest Fuels	Bulk haz mat	2250	52
701 Sumner St.	Hydrite Chemicals	Bulk haz mat	2050	54

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	42	13%
Moderate	19-44	282	87%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	939	75%
Inspected	324	25%
Total	1248	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	13	2	335	10	4	8	22	0	1	395
2011	10	1	500	6	9	16	15	0	1	558
2012	12	0	445	8	3	13	12	0	2	495
2013	8	0	441	10	13	8	7	0	0	487
2014	11	0	457	22	45	28	17	0	0	580

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	04:22	12:26	06:10	06:49	04:35	06:10	03:54	NA	05:26	06:11
2011	05:36	03:51	05:54	06:02	04:32	05:44	04:56	NA	04:12	05:49
2012	05:26	NA	05:26	05:19	05:31	06:03	04:51	NA	04:02	05:28
2013	04:56	NA	04:27	05:59	05:10	04:52	05:33	NA	NA	05:37
2014	04:23	NA	05:28	06:16	08:01	05:59	05:02	NA	NA	05:32

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0
High	3000-4000	0	0
Moderate	1000-3000	301	93%
Low	<1000	23	7%



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Risk Assessment and Response Analysis : Planning Zone C6

District Overview

Planning zone C6 contains the convergence of the Mississippi River, Black River, and La Crosse River. The La Crosse River marsh splits the planning zone and contains parts of the city's north side and south side. This planning zone is mixed residential/commercial use. Housing stock is mainly older one and two story family occupancy's. 85% of inspected occupancy's scored in the moderate risk assessment category, with 13% scoring in the high category. LCFD Station 2 is in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	26	13%
Moderate	19-44	170	85%
Low	<19	4	2%

Occupancy Analysis

Classification	Total	Percent
Residential	204	51%
Inspected	200	49%
Total	404	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	4	1	165	7	8	4	18	0	3	210
2011	7	0	179	5	1	4	22	1	1	220
2012	8	0	209	7	1	11	22	0	1	259
2013	6	1	164	8	2	6	13	0	1	201
2014	9	0	254	18	36	11	26	1	0	355

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:31	03:28	06:04	05:32	NA	04:48	05:46	NA	NA	05:54
2011	05:50	NA	05:17	05:04	02:54	NA	06:26	06:32	NA	05:45
2012	07:06	NA	05:32	NA	03:19	05:45	05:56	NA	NA	05:42
2013	05:35	02:38	05:17	05:31	03:26	05:35	05:58	NA	05:01	05:32
2014	07:18	NA	05:21	06:03	04:54	05:33	05:13	NA	NA	05:27

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	2	1%
High	3000-4000	6	3%
Moderate	1000-3000	164	82%
Low	<1000	28	14%



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Risk Assessment and Response Analysis : Planning Zone C7

District Overview

Planning zone C7 is centrally located in La Crosse's downtown district. This planning zone is mixed rental housing, single family housing, high rise residential, manufacturing, and high rise commercial occupancy. High rise residential occupancy's include; Stokke Tower, Market Square, Solberg Heights, Stoffel Court, Becker Plaza, Ping Manor, Forrest Park, Elliot Arms, Grand River Station, and Lynn Tower. Western Technical College, Viterbo University, Mayo Healthcare, St. Rose Convent, Franciscan Spirituality Center, Aquinas Schools, Lincoln Middle School, La Crosse Center (entertainment and conference venue), US Bank, Century-Tel, and Rivoli Theatre are in this planning zone. La Crosse City Hall, La Crosse County Court House, La Crosse Post Office, and LCFD Station 1 are in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
700 West Ave S.	Mayo Healthcare	Hospital	2,203	48
900 Viterbo Dr.	Viterbo University	University	1,406	38

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	2	0%
High	45-69	216	27%
Moderate	19-44	595	73%
Low	<19	1	0%

Occupancy Analysis

Classification	Total	Percent
Residential	611	43%
Inspected	814	57%
Total	1425	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	17	1	881	22	9	17	77	0	2	1,026
2011	22	1	845	17	8	46	93	0	1	1,033
2012	16	0	888	17	9	46	56	0	6	1,038
2013	19	1	899	10	15	26	67	0	1	1,038
2014	33	2	1,067	62	83	78	134	0	9	1,469

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	06:27	05:17	05:33	06:12	04:56	05:21	06:16	NA	05:37	05:41
2011	05:49	05:21	05:22	06:15	05:14	06:14	05:24	NA	NA	05:27
2012	05:28	NA	05:33	06:52	05:06	05:51	05:38	NA	NA	05:38
2013	04:49	04:05	05:30	05:44	05:53	05:41	05:22	04:05	03:38	05:29
2014	05:08	03:24	05:20	07:00	07:22	05:56	05:18	NA	NA	05:24

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	85	10%
High	3000-4000	719	88%
Moderate	1000-3000	7	1%
Low	<1000	3	1%



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Risk Assessment and Response Analysis : Planning Zone C8

District Overview

Planning zone C8 is located south of La Crosse's downtown district. This planning zone is mixed rental housing, single family housing, high rise residential, manufacturing, and commercial property. Housing stock is mainly older one and two story occupancy's. High rise residential occupancy's include Viterbo University student housing, Adams on 7th, Salzer Square. Gundersen Healthcare, City Brewery, Viterbo University, City of La Crosse waste water treatment plant, and Hamilton/SOTA elementary school are in this planning zone. 90% of inspected occupancy's scored in the moderate risk assessment category, with 8% scoring in the high category, and 1% in the maximum and low categories.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
1910 South Ave.	Gundersen Healthcare	Hospital	1,125	74
1106 3rd St. S.	City Brewery	Economic Impact	1,125	63

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	1	1%
High	45-69	27	8%
Moderate	19-44	281	90%
Low	<19	2	1%

Occupancy Analysis

Classification	Total	Percent
Residential	1002	76%
Inspected	311	24%
Total	1313	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	22	0	435	10	4	8	32	0	6	517
2011	18	0	404	11	6	8	4	4	1	456
2012	20	0	364	10	3	15	32	0	4	448
2013	14	1	350	13	6	17	28	0	2	431
2014	15	0	434	36	59	38	71	0	0	653

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	04:55	NA	06:06	07:04	05:59	07:13	06:12	NA	NA	06:11
2011	05:36	NA	06:01	07:54	05:45	05:26	05:40	12;23	NA	06:04
2012	05:37	NA	06:09	07:59	04:53	06:11	05:47	NA	NA	06:05
2013	05:22	04:25	06:02	06:46	06:46	05:56	05:24	NA	05:44	06:01
2014	04:36	Na	06:05	05:56	05:17	05:39	05:44	NA	NA	05:57

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	46	15%
High	3000-4000	259	83%
Moderate	1000-3000	6	2%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone C9

District Overview

Planning zone C9 is located south of La Crosse's downtown district. This planning zone is mostly residential and limited commercial occupancy. Housing stock is mainly older one and two story occupancy's. This planning zone borders the eastern side of the Mississippi River. There are four nursing care facilities in this planning zone, Bethany Riverside, Hearten House 1, Hearten House 2, and The Willows. 78% of inspected occupancy's scored in the moderate risk assessment category, with 22% scoring in the high risk assessment category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2555 7th St. S.	The Willows	Nursing Care	656	58
2575 7th St. S.	Bethany Riverside	Nursing Care	516	54

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	4	22%
Moderate	19-44	14	78%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	99	85%
Inspected	18	15%
Total	117	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	1	0	35	0	1	1	10	0	0	48
2011	1	0	28	1	1	1	5	2	0	39
2012	1	0	30	0	2	2	2	0	0	37
2013	1	0	29	0	1	4	2	0	0	37
2014	0	0	42	2	0	3	4	0	0	51

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	07:57	NA	NA	06:38	07:42	NA	NA	07:56
2011	06:22	NA	06:51	06:43	NA	05:32	06:18	NA	NA	06:52
2012	NA	NA	07:03	NA	NA	05:31	NA	NA	NA	07:02
2013	NA	04:21	07:57	NA	06:19	05:16	07:12	NA	04:14	06:46
2014	NA	Na	06:24	05:45	NA	05:46	NA	NA	NA	06:23

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	8	44%
Moderate	1000-3000	10	56%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone D3

District Overview

Planning zone D3 is located on La Crosse's north side. This planning zone is mixed single family housing, heavy manufacturing, and commercial. Housing stock is mainly older one and two story occupancy's. The La Crosse North Side Industrial Park is in this planning zone. Interstate 90 crosses the middle of this planning zone. 90% of inspected occupancy's scored in the moderate risk assessment category, with 9% scoring in the high category, and 1% in the low category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	6	9%
Moderate	19-44	61	90%
Low	<19	1	1%

Occupancy Analysis

Classification	Total	Percent
Residential	138	67%
Inspected	68	33%
Total	206	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	2	0	33	1	1	1	5	0	1	47
2011	2	0	37	1	1	2	3	0	0	49
2012	1	0	33	2	0	1	4	0	0	45
2013	3	0	36	1	1	1	5	0	0	56
2014	0	0	42	4	2	2	8	0	0	58

90th Percent Priority Fractile Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	07:04	NA	08:09	NA	NA	NA	08:38	NA	06:04	08:25
2011	06:37	NA	07:50	11:43	04:38	07:52	08:23	NA	NA	08:02
2012	08:46	NA	08:23	07:41	NA	08:37	07:59	NA	NA	08:37
2013	11:28	NA	07:36	09:45	05:30	NA	08:05	NA	NA	08:05
2014	NA	NA	07:42	07:26	10:20	06:01	08:37	NA	NA	08:13

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	1%
Moderate	1000-3000	46	68%
Low	<1000	21	31%



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Risk Assessment and Response Analysis : Planning Zone D4

District Overview

Planning zone D4 is located on La Crosse's north side. This planning zone is mixed single family housing, heavy manufacturing, and commercial. Housing stock is mainly one and two story occupancy's. The La Crosse North Side Industrial Park is in this planning zone. Kwik Trip Liquefied Petroleum and Compressed Natural Gas production facilities are in this planning zone. Burlington Railroad transfer yard is in this planning zone. 82% of inspected occupancy's scored in the moderate risk assessment category, with 18% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2025 Kwik Trip Way	Kwik Trip	LP and CNG production	625	47
1645 Oak Street	Burlington RR	Rail Yard	1,500	36

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	15	18%
Moderate	19-44	67	82%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	434	84%
Inspected	82	16%
Total	516	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	3	0	51	2	2	4	10	0	3	75
2011	5	0	59	5	1	1	10	1	0	82
2012	4	0	48	2	1	6	12	0	3	76
2013	5	0	46	2	0	5	10	2	0	80
2014	1	0	38	6	9	4	17	0	1	76

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	07:48	NA	06:36	05:17	07:33	07:59	08:03	NA	NA	07:53
2011	09:38	NA	06:15	06:04	05:17	07:13	06:54	31:44	NA	06:48
2012	07:54	NA	06:49	09:44	06:44	08:55	08:01	NA	NA	07:47
2013	07:00	NA	06:57	09:44	NA	NA	08:01	NA	NA	07:19
2014	07:46	NA	06:36	07:12	09:59	06:53	08:04	NA	NA	07:47

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	71	87%
Low	<1000	11	13%



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Risk Assessment and Response Analysis : Planning Zone D5

District Overview

Planning zone D5 is located on La Crosse's north side. This planning zone is mixed single family housing, heavy manufacturing, and commercial. Housing stock is mainly older one and two story occupancy's. Ashley Furniture, Reinhart Foods production and storage facilities are in this planning zone, along with the old La Crosse Rubber Mills building. Logan High School is located in this planning zone. 56% of inspected occupancy's scored in the high risk assessment category, with 44% scoring in the moderate category. The La Crosse River travels through this planning zone, with a large portion of this planning zone being marsh land.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
1501 St. Andrew St.	Old Rubber Mills	Economic Impact	469	50
1814 St. James St.	Reinhart Foods	Economic Impact	688	26

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	18	56%
Moderate	19-44	14	44%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	97	75%
Inspected	32	25%
Total	129	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	2	0	23	2	0	1	9	0	0	37
2011	3	0	27	0	0	1	4	0	2	37
2012	1	0	22	0	1	2	1	0	0	27
2013	3	0	25	0	0	1	7	0	0	36
2014	3	0	29	1	1	2	11	0	0	47

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:21	NA	06:14	NA	NA	NA	08:17	NA	NA	07:26
2011	05:02	NA	05:34	NA	NA	03:10	06:20	NA	NA	06:01
2012	07:06	NA	06:36	NA	00:36	NA	05:52	NA	NA	06:32
2013	05:00	NA	06:16	NA	NA	06:35	05:01	NA	NA	06:16
2014	05:06	NA	05:21	NA	NA	04:00	05:09	NA	NA	05:23

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	21	61%
Low	<1000	11	39%



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Risk Assessment and Response Analysis : Planning Zone D6

District Overview

Planning zone D5 is mainly located in La Crosse's marshland between the north and south side. The La Crosse River travels through this planning zone, with a large portion of this planning zone being marsh land. This planning zone is mainly single family housing with limited commercial occupancy's. Housing stock is mainly older one and two story occupancy's. 82% of inspected occupancy's scored in the moderate risk assessment category, with 18% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment				Occupancy Analysis		
Category	Score	Totals	Percent	Classification	Total	Percent
Maximum	>69	0	0%	Residential	212	91%
High	45-69	4	18%	Inspected	22	9%
Moderate	19-44	18	82%	Total	234	100%
Low	<19	0	0%			

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	1	1	23	2	2	1	1	0	0	31
2011	2	0	26	0	0	1	3	0	0	32
2012	1	0	30	2	2	1	1	0	0	37
2013	0	0	15	1	1	0	2	0	0	19
2014	0	0	17	5	2	2	3	0	0	29

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:58	NA	07:07	06:33	NA	05:58	07:00	NA	NA	07:03
2011	09:38	NA	07:14	NA	NA	NA	05:52	NA	NA	07:15
2012	06:24	NA	08:01	NA	NA	05:22	08:32	NA	NA	08:17
2013	NA	NA	06:58	06:53	NA	NA	NA	NA	NA	07:01
2014	NA	NA	06:53	06:30	NA	NA	06:17	NA	NA	06:47

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	5%
Moderate	1000-3000	18	82%
Low	<1000	3	13%



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Risk Assessment and Response Analysis : Planning Zone D7

District Overview

Planning zone D7 is located in the center of La Crosse. This planning zone is mainly single family and apartment housing, with 94% of the planning zone being residential. Housing stock is mainly older one and two story occupancy's, with a mixture of three and four story Victorian style homes. The University of Wisconsin La Crosse (UWL) campus (classroom and dormitory) is located in this planning zone. There is a heavy influence of apartment housing surrounding the UWL campus. Franciscan Skemp and Bethany on Cass nursing care facilities are located in this planning zone. Emerson Elementary School is in this planning zone. 74% of inspected occupancy's scored in the moderate risk assessment category, with 26% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
225 24th St. S.	Franciscan Home	Nursing Care	2,250	60
1315 Cass St.	Bethany on Cass	Nursing Care	1,500	53

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	30	26%
Moderate	19-44	84	74%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	1795	94%
Inspected	114	6%
Total	1909	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	10	0	172	11	4	3	20	2	1	223
2011	9	0	196	8	3	4	32	1	1	254
2012	10	0	175	4	3	8	24	0	0	224
2013	11	3	188	10	8	7	37	0	0	264
2014	8	1	178	33	9	15	44	0	2	290

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	06:46	NA	06:22	06:24	06:37	06:36	07:01	05:24	09:12	06:37
2011	06:41	NA	06:45	06:16	06:38	08:27	06:17	52:08	NA	06:49
2012	06:25	NA	06:40	04:31	06:38	05:57	06:09	NA	NA	06:37
2013	05:28	05:05	06:43	07:10	06:40	06:04	06:32	NA	NA	06:40
2014	05:02	NA	06:40	06:03	06:10	06:18	07:07	NA	NA	06:42

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	4	3%
High	3000-4000	4	3%
Moderate	1000-3000	97	85%
Low	<1000	9	9%



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Risk Assessment and Response Analysis : Planning Zone D8

District Overview

Planning zone D8 is located in the center of La Crosse. This planning zone is mainly single family housing, with 94% of the planning zone residential. Housing stock is one and two story occupancy's. There is a high concentration of commercial/retail properties near the Village Shopping Center, Festival Foods, and K Mart. Central High School, Longfellow Middle School, and LCFD station 3 are in this planning zone. 83% of inspected occupancy's scored in the moderate risk assessment category, with 17% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2418 State Rd.	Village Shop Center	Strip Mall	2,500	45
2425 State Rd.	K Mart	Big Box Store	1,00	29

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	23	17%
Moderate	19-44	112	83%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	2248	94%
Inspected	135	6%
Total	2383	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	6	0	211	5	2	4	12	0	1	241
2011	9	0	213	13	1	7	13	3	0	259
2012	6	1	232	4	1	6	6	0	1	257
2013	5	1	238	10	1	4	8	0	1	268
2014	9	0	239	25	18	16	24	0	0	332

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	04:38	NA	06:11	06:32	04:28	04:44	05:39	NA	07:33	06:03
2011	06:28	NA	05:45	06:17	04:34	06:52	05:46	07:25	NA	05:56
2012	04:15	02:54	05:44	05:10	05:01	05:35	05:54	NA	03:44	05:44
2013	03:44	03:40	05:47	05:37	05:52	05:32	04:57	NA	NA	05:47
2014	05:34	NA	05:36	05:16	03:59	06:00	06:12	NA	NA	05:38

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	4	3%
Moderate	1000-3000	117	87%
Low	<1000	14	10%



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Risk Assessment and Response Analysis : Planning Zone D9

District Overview

Planning zone D9 is located centrally on La Crosse's south side. This planning zone is a mix of single family housing, condominiums, commercial/retail, and heavy manufacturing. Housing stock is one and two story occupancy's. There is a heavy concentration of commercial/retail occupancy's on the Mormon Coulee Road corridor. There is a heavy manufacturing area in the Trane Company and Chart Industry campuses. There are several nursing care and assisted living facilities in this planning zone; St. Joseph rehab center, Meadow Wood, Sterling House, Brookdale, Chileda, and Riverfront. Dairyland Power Cooperative and Harry Spence Elementary School are in this planning zone. 93% of inspected occupancy's scored in the moderate risk assessment category, with 7% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2411 East Ave.	Trane Co.	Heavy Manufacture	2400	44
2902 East Ave.	St. Joseph Care	Nursing Home	656	52

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	11	7%
Moderate	19-44	143	93%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	803	84%
Inspected	154	16%
Total	957	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	5	0	204	6	1	6	32	1	1	256
2011	2	1	195	1	4	4	25	1	0	233
2012	9	0	198	9	2	4	31	0	1	254
2013	10	0	209	5	1	3	26	1	0	255
2014	5	0	244	20	6	25	43	0	1	344

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:43	NA	06:40	08:47	06:39	08:35	06:44	NA	NA	06:46
2011	05:00	NA	06:49	06:26	08:26	06:01	05:56	NA	NA	06:49
2012	05:09	NA	06:27	05:29	07:22	07:02	07:12	NA	NA	06:33
2013	04:51	NA	06:33	06:20	06:18	05:52	06:18	05:18	NA	06:28
2014	06:00	NA	06:14	06:11	07:55	06:32	05:49	NA	05:44	06:10

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	8	5%
Moderate	1000-3000	132	86%
Low	<1000	14	9%



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Risk Assessment and Response Analysis : Planning Zone D10

District Overview

Planning zone D10 is located on La Crosse's south side. This planning zone is a mix of single family housing, condominiums, and commercial/retail. Housing stock is one and two story occupancy's. There is a heavy concentration of commercial/retail occupancy's on the Mormon Coulee Road corridor, with Shelby Mall (strip mall). There are nursing care and assisted living facilities in this planning zone; Bethany St. Joseph rehab center and Shelby Terrace. The Diocese of La Crosse and Holy Cross Seminary are in this planning zone. 95% of inspected occupancy's scored in the moderate risk assessment category, with 4% scoring in the high category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
3710 East Ave. S.	Holy Cross	High Risk Score	1,500	39
2501 Shelby Rd.	Bethany St. Joe	Nursing Care	4,200	57

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	1	1%
High	45-69	4	4%
Moderate	19-44	103	95%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	40	37%
Inspected	108	63%
Total	148	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	3	0	55	1	0	1	13	0	0	73
2011	1	1	38	2	1	1	19	0	0	63
2012	1	0	44	1	1	1	21	0	0	69
2013	2	0	46	1	1	1	13	0	0	64
2014	2	0	62	4	4	4	19	0	0	95

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	05:49	NA	06:58	04:30	NA	05:20	07:14	NA	NA	07:01
2011	05:18	04:50	06:59	06:01	NA	03:15	07:11	NA	NA	07:04
2012	04:27	NA	07:12	NA	09:41	05:23	07:15	NA	NA	07:20
2013	06:16	NA	07:15	NA	07:51	10:21	06:00	NA	NA	07:12
2014	05:07	NA	07:01	04:23	05:11	05:08	06:35	NA	NA	06:48

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	2	1%
High	3000-4000	4	4%
Moderate	1000-3000	72	67%
Low	<1000	30	28%



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Risk Assessment and Response Analysis : Planning Zone E3

District Overview

Planning zone E3 is located on La Crosse's north side. This planning zone is mainly commercial/retail on the Highway 16/Highway 157 corridor. Valley View Mall is partially located in this planning zone. 84% of inspected occupancy's scored in the moderate risk assessment category, with 16% scoring in the high category. Historically, there are a large number of EMS/Motor Vehicle Accidents in the Highway 16 and 157 corridor.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
3800 Hwy. 16	Valley View Mall	Large Strip Mall	2,188	36

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	1	16%
Moderate	19-44	5	84%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	1	14%
Inspected	6	86%
Total	7	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	23	1	2	1	2	0	0	29
2011	1	0	26	1	0	2	1	0	0	31
2012	0	0	24	1	0	2	4	0	0	31
2013	0	0	20	2	0	2	6	0	0	30
2014	4	0	48	1	0	8	4	0	1	66

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	07:54	NA	NA	10:21	07:19	NA	NA	08:15
2011	NA	NA	09:15	06:53	NA	NA	NA	NA	NA	09:09
2012	NA	NA	08:49	07:26	NA	07:21	11:26	NA	NA	09:25
2013	NA	NA	08:34	07:52	NA	NA	08:43	NA	NA	08:39
2014	08:12	NA	09:30	07:12	NA	07:23	07:20	NA	NA	09:14

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	0%
Moderate	1000-3000	5	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone E4

District Overview

Planning zone E4 is located on La Crosse's north side. This planning zone is mixed residential and commercial/retail near the Highway 16 corridor. 82% of inspected occupancy's scored in the moderate risk assessment category, with 9% scoring in the high category and 9% scoring in the low category. Historically, there are a large number of EMS/ Motor Vehicle Accidents on the Highway 16 corridor. The La Crosse River flows through this planning zone, with a large amount of marshland extending along the La Crosse River. Bluff lands border the eastern side of the city limits of this planning zone.

Special Hazards

Address		Business Name		Associated Risk		Fire Flow		Risk Assessment Score	
Inspected Occupancy Risk Assessment									
Category	Score	Totals	Percent						
Maximum	>69	0	0%						
High	45-69	1	9%						
Moderate	19-44	9	82%						
Low	<19	1	9%						
				Occupancy Analysis					
		Classification	Total	Percent					
		Residential	35	76%					
		Inspected	11	24%					
		Total	46	100%					

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	1	0	10	0	0	0	0	0	0	11
2011	1	0	12	0	0	1	1	0	0	15
2012	1	0	11	1	1	0	0	0	0	14
2013	0	0	23	1	0	2	1	0	0	27
2014	1	0	11	3	3	4	3	0	0	25

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	08:41	09:52	08:05	NA	NA	NA	NA	NA	NA	09:21
2011	05:59	NA	06:49	NA	NA	NA	06:59	NA	NA	06:56
2012	NA	NA	06:52	06:57	07:02	NA	NA	NA	NA	07:01
2013	NA	NA	08:05	05:26	NA	NA	04:44	NA	NA	07:57
2014	NA	NA	06:33	06:33	NA	05:37	NA	NA	NA	06:36

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	10	91%
Low	<1000	1	9%



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Risk Assessment and Response Analysis : Planning Zone E5

District Overview

Planning zone E5 is located on La Crosse's northeast side. This planning zone is mixed residential and commercial/retail near the Highway 16 corridor. A very small portion of the city limits falls in this planning zone. Seven occupancy's (four residential and three inspected) are located in this planning zone. The La Crosse River marsh lies in this planning zone and bluff lands border the eastern side of the city limits of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	3	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	4	57%
Inspected	3	43%
Total	7	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	1	0	0	1	0	0	0	2
2011	0	0	3	0	1	0	1	0	0	5
2012	0	0	3	0	1	1	0	0	0	5
2013	0	0	1	1	0	0	0	0	0	2
2014	0	0	3	0	0	2	0	0	0	5

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	09:42	NA	NA	07:03	NA	NA	NA	09:26
2011	NA	NA	07:27	NA	NA	NA	06:50	NA	NA	07:36
2012	NA	NA	07:57	NA	09:33	06:21	NA	NA	NA	09:09
2013	NA	NA	05:18	07:27	NA	NA	NA	NA	NA	07:14
2014	NA	NA	06:20	NA	NA	NA	NA	NA	NA	06:20

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	3	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone E6

District Overview

Planning zone E6 is located on La Crosse's northeast side. This planning zone is mainly residential near the Highway 16 corridor. Eighteen occupancy's (seventeen residential and one inspected) are located in this planning zone. The La Crosse River marsh lies in this planning zone and bluff lands border the eastern side of the city limits of this planning zone. Forrest Hills golf course is partially located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	1	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	17	94%
Inspected	1	6%
Total	18	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	1	0	0	0	2	0	0	3
2011	0	0	4	0	0	0	2	0	0	6
2012	1	0	4	0	0	0	1	0	0	6
2013	0	0	4	0	0	0	0	0	0	4
2014	0	0	7	1	0	1	0	0	0	9

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	05:54	NA	NA	NA	05:54	NA	NA	05:56
2011	NA	NA	07:03	NA	NA	NA	05:30	NA	NA	07:00
2012	NA	NA	07:12	NA	NA	NA	05:19	NA	NA	07:09
2013	NA	NA	08:10	NA	NA	NA	NA	NA	NA	08:10
2014	NA	NA	07:27	NA	NA	11:57	NA	NA	NA	09:46

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	1	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone E7

District Overview

Planning zone E7 is centrally located on La Crosse's east side. This planning zone is mainly residential (97%), with moderately aged one and two story occupancy's. Five inspected occupancy's are located in this planning zone. Forrest Hills golf course is partially located in this planning zone. La Crosse's Granddad Bluff Park with a historic, and recently renovated, overlook offers a spectacular view of La Crosse. Hixon Forrest hiking trails are located in this planning zone. Steep bluff land dominates the eastern and northern edges of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	1	20%
Moderate	19-44	2	40%
Low	<19	2	40%

Occupancy Analysis

Classification	Total	Percent
Residential	159	97%
Inspected	5	3%
Total	164	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	13	0	0	2	1	0	0	16
2011	1	0	10	0	0	2	1	0	0	14
2012	0	0	14	0	0	0	1	0	0	15
2013	0	0	21	0	0	1	1	0	0	23
2014	2	0	14	2	0	2	0	0	0	20

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	11:26	NA	NA	NA	02:48	NA	NA	11:23
2011	05:14	NA	10:00	NA	NA	06:56	05:54	NA	NA	09:07
2012	NA	NA	09:32	NA	NA	NA	06:28	NA	NA	09:19
2013	NA	NA	08:15	NA	NA	03:59	04:15	NA	NA	08:14
2014	03:17	NA	07:26	NA	NA	NA	NA	NA	NA	07:15

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	3	60%
Low	<1000	2	40%



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Risk Assessment and Response Analysis : Planning Zone E8

District Overview

Planning zone E8 is centrally located on La Crosse's east side. This planning zone is mainly residential (98%), with moderately aged one and two story occupancy's. Eleven inspected occupancy's are located in this planning zone, mainly along the Highway 33 corridor. Steep bluff land dominates the eastern borders of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	4	36%
Moderate	19-44	7	64%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	593	98%
Inspected	11	2%
Total	604	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	2	0	63	0	0	0	5	0	0	70
2011	0	0	63	2	3	4	1	2	0	75
2012	1	0	49	2	5	1	3	0	0	61
2013	0	0	67	1	2	1	2	0	0	73
2014	2	0	80	6	4	4	4	0	0	100

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	03:29	NA	06:28	NA	NA	NA	06:21	NA	NA	06:32
2011	NA	NA	06:08	NA	NA	03:59	NA	06:11	NA	06:11
2012	05:01	NA	07:07	04:58	NA	03:38	NA	NA	NA	06:55
2013	NA	NA	06:08	03:29	07:11	13:30	03:34	NA	NA	06:13
2014	05:27	NA	05:31	05:59	05:51	03:45	06:26	NA	NA	05:38

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	11	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone E9

District Overview

Planning zone E9 is located on La Crosse's southeast side. This planning zone is mainly residential (92%), with moderately aged one and two story occupancy's. Three nursing/elder care facilities are located in this planning zone; Carroll Heights, Hillview Healthcare Center, and Hillview Terrace. State Road Elementary School is in this planning zone. 94% of inspected occupancy's scored in the moderate risk assessment category, with 6% scoring in the high category. Steep bluff land dominates the eastern borders of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
3505 Park Lane Dr.	Carroll Heights	Multi Story Elder Care	656	67
3501 Park Lane Dr.	Hillview Healthcare	Nursing Care	1.031	56

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	4	6%
Moderate	19-44	60	94%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	729	92%
Inspected	64	8%
Total	793	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	4	1	127	1	0	1	8	0	0	142
2011	1	1	95	4	2	4	7	0	0	114
2012	0	0	94	5	0	4	5	0	0	108
2013	2	0	99	2	0	2	9	0	0	114
2014	6	0	118	8	1	5	10	0	1	149

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	08:24	09:05	07:10	08:30	NA	05:50	07:33	NA	NA	07:38
2011	06:18	07:32	06:40	05:36	05:37	05:44	06:32	NA	NA	06:40
2012	NA	NA	07:08	07:10	NA	06:39	08:11	NA	NA	07:10
2013	06:00	NA	07:02	06:35	NA	06:59	10:44	NA	NA	07:05
2014	06:18	NA	06:56	07:51	NA	NA	07:25	NA	NA	07:20

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	62	97%
Low	<1000	2	3%



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Risk Assessment and Response Analysis : Planning Zone E10

District Overview

Planning zone E10 is located on La Crosse's southeast side. This planning zone is mainly residential (90%), with moderately aged one and two story occupancy's. Mixed commercial/retail occupancy's are located mainly on the Mormon Coulee Road corridor, with two "big box" department stores; Wal Mart and Shopko. Hintgen Elementary School is in this planning zone. 99% of inspected occupancy's scored in the moderate risk assessment category, with 1% scoring in the high category. Steep bluff land dominates the eastern borders of this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
4344 Morm . Cl. Rd.	Shopko	Big Box Dept. Store	3000	35
4622 Morm. Cl. Rd.	Wal Mart	Big Box Dept. Store	516	30

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	1	1%
Moderate	19-44	69	99%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	663	90%
Inspected	70	10%
Total	733	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	4	0	137	1	0	2	3	0	0	147
2011	3	0	155	3	4	2	4	0	0	171
2012	1	0	133	2	2	6	4	0	1	149
2013	0	0	116	1	4	2	2	0	0	125
2014	5	0	152	8	7	6	6	0	0	184

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	08:04	NA	08:03	06:36	NA	08:40	04:14	NA	NA	08:04
2011	09:24	NA	08:04	06:27	04:02	10:22	07:03	NA	NA	08:07
2012	07:07	NA	08:34	10:47	08:21	07:30	05:51	NA	07:37	08:32
2013	NA	NA	08:46	10:28	09:13	07:43	06:08	NA	NA	08:52
2014	06:58	NA	08:17	07:51	07:16	06:41	08:06	NA	NA	08:13

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	1%
Moderate	1000-3000	49	70%
Low	<1000	20	29%



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Risk Assessment and Response Analysis : Planning Zone E11

District Overview

Planning zone E11 is located on La Crosse's southeast side. This planning zone is mainly residential (85%), with moderately aged one and two story occupancy's. This planning zone contains mainly mixed commercial/retail occupancy's along the Mormon Coulee Road corridor. 96% of inspected occupancy's scored in the moderate risk assessment category, with 4% scoring in the high category. Steep bluff land dominates the eastern borders of this planning zone. The State Highway 14/61/35 interchange is in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
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Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	1	4%
Moderate	19-44	27	96%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	161	85%
Inspected	28	15%
Total	189	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	55	2	2	2	3	0	1	65
2011	0	0	52	2	1	3	5	0	0	63
2012	4	0	38	2	1	2	7	0	0	54
2013	0	0	55	2	0	2	2	0	0	61
2014	0	0	65	6	1	1	1	0	0	74

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	09:13	14:32	NA	NA	08:31	NA	NA	09:17
2011	NA	NA	08:32	NA	08:12	08:21	10:48	NA	NA	08:37
2012	07:59	NA	08:34	11:14	08:48	NA	10:33	NA	NA	08:52
2013	NA	NA	08:48	09:43	NA	09:48	07:00	NA	NA	08:59
2014	NA	NA	08:50	09:01	08:56	NA	NA	NA	NA	08:55

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	1	4%
Moderate	1000-3000	25	89%
Low	<1000	2	7%



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Risk Assessment and Response Analysis : Planning Zone E12

District Overview

Planning zone E12 is located in the far southeast of La Crosse. A very small portion of La Crosse is in the northern area of this planning zone. There are no residential occupancy's and one inspected occupancy (Southern Bluffs Elementary School) in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
4010 Sunnyside Dr.	Southern Bluffs School	Community Impact	4,250	33

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	1	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential		
Inspected	1	100%
Total	1	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	3	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	07:21	NA	NA	NA	NA	NA	NA	07:21

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	1	100%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F3

District Overview

Planning zone F3 is located on La Crosse's northeast side. This planning zone is divided into two distinct areas by the La Crosse River; to the north is the Highway 16 commercial corridor with three inspected occupancy's, and to the south is the County B residential corridor. Residential housing is moderate to newer one and two story occupancy's. Valley View Mall is partially located in this planning zone. Walsh Golf Center is in this planning zone. All three inspected occupancy's scored in the moderate risk assessment category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
3800 Hwy. 16	Valley View Mall	Large Strip Mall	2188	36

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	3	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	34	92%
Inspected	3	8%
Total	37	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	1	0	0	0	0	0	0	1
2011	0	0	2	0	0	0	0	0	0	2
2012	0	0	4	1	0	0	0	0	0	5
2013	2	0	5	0	0	0	2	0	0	9
2014	1	0	9	2	0	1	3	0	0	16

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	07:25	NA	NA	NA	NA	NA	NA	07:25
2011	NA	NA	10:11	NA	NA	NA	NA	NA	NA	10:11
2012	NA	NA	08:39	07:15	NA	NA	NA	NA	NA	08:34
2013	08:45	NA	08:28	NA	NA	NA	08:44	NA	NA	08:52
2014	07:09	NA	09:24	08:33	NA	NA	07:56	NA	NA	09:16

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	3	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F4

District Overview

Planning zone F4 is located on La Crosse's northeast side. Only the northern portion of this planning zone is located in La Crosse. It is mainly residential housing (94%) with moderate to newer aged one and two story occupancy's located on the County B corridor. All seven inspected occupancy's scored in the moderate risk assessment category. Northwoods Elementary School is located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
2541 Sablewood	Northwoods School	Elem. School	4,000	37

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	7	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	118	94%
Inspected	7	6%
Total	125	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	3	2	0	0	0	0	0	5
2011	0	0	6	0	0	0	1	0	0	7
2012	1	0	7	1	0	0	4	0	0	13
2013	0	0	2	1	0	1	0	0	0	4
2014	0	0	4	3	0	0	2	1	0	10

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	08:30	08:38	NA	NA	NA	NA	NA	08:44
2011	NA	NA	09:30	NA	NA	NA	13:15	NA	NA	11:09
2012	09:02	NA	10:14	09:05	NA	NA	08:02	NA	NA	09:05
2013	NA	NA	07:37	10:31	NA	NA	NA	NA	NA	09:56
2014	NA	NA	08:16	10:59	NA	NA	NA	NA	NA	09:59

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	6	86%
Moderate	1000-3000	0	0%
Low	<1000	1	14%



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Risk Assessment and Response Analysis : Planning Zone F6

District Overview

Planning zone F6 is centrally located on La Crosse's eastern border. This entire planning zone is steep bluff land, with no residential and one inspected occupancy. La Crosse's Human Powered hiking and biking trails are located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	0	0%
Total	0	0%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F7

District Overview

Planning zone F7 is centrally located on La Crosse's eastern border. Approximately one quarter of this planning zone is located in La Crosse. This planning zone is mainly steep bluff land, with twenty five residential occupancy's. The residential properties are located in Waterford Valley on the Highway 14/61 corridor, this housing subdivision is newer, larger homes with higher property values.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	25	100%
Inspected	0	0%
Total	25	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	1	0	0	0	0	0	1
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F8

District Overview

Planning zone F7 is centrally located on La Crosse's eastern border. Approximately one quarter of this planning zone is located in La Crosse. This planning zone is mainly steep bluff land. There are no inspected properties and no residential units in this planning zone. A portion of Bliss Road, which leads to Grand Dads Bluff, is in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	100%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	0	0%
Total	0	0%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F9

District Overview

Planning zone F9 is located on La Crosse's eastern border. A small sliver of the southwest section of this planning zone is located in La Crosse. This portion of La Crosse is steep bluff land. There are no inspected occupancy's and no residential properties in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	100%
Inspected	0	100%
Total	0	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F10

District Overview

Planning zone F10 is located on La Crosse's southeast border. A very small portion of this planning zone is located in La Crosse. This planning zone is mainly steep bluff land, with twenty eight residential occupancy's. The residential properties are located in Waterford Valley on the Highway 14/61 corridor, this housing subdivision is newer, larger homes with higher property values.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	28	100%
Inspected	0	0%
Total	28	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	1	0	0	0	1	0	0	2
2014	0	0	3	0	0	0	0	0	0	3

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	09:05	NA	NA	NA	10:44	NA	NA	10:34
2014	NA	NA	09:18	NA	NA	NA	NA	NA	Na	09:18

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F11

District Overview

Planning zone F11 is located on La Crosse's southeast border. This planning zone is mainly residential occupancy's along the Highway 14/61 corridor. Housing units are newer moderately priced single family and condominium units. The County Road MM mobile home trailer park is located in this planning zone. The Shrine of Our Lady Guadalupe and associated buildings are in this planning zone. 100 % of inspected occupancy's scored in the moderate risk assessment category.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
6025 Cty. Rd. MM	Guadalupe Shrine	Community Impact	1,500	30

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	18	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	127	88%
Inspected	18	12%
Total	145	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	26	1	1	1	3	0	0	32
2011	0	0	27	0	2	0	1	0	0	30
2012	0	0	24	1	0	1	3	0	0	29
2013	0	0	21	0	1	1	3	0	0	26
2014	1	0	39	1	0	3	7	0	0	51

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	09:54	10:11	NA	06:48	12:48	NA	NA	10:11
2011	NA	NA	09:21	NA	08:24	NA	10:09	NA	NA	09:25
2012	NA	NA	09:38	08:20	NA	09:32	09:58	NA	NA	09:51
2013	NA	NA	10:33	NA	10:37	NA	12:18	NA	NA	10:38
2014	09:45	NA	09:39	NA	NA	08:17	11:26	NA	NA	10:13

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	18	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone F12

District Overview

Planning zone F12 is located on La Crosse's southeast border. A very small portion of this planning zone is located in La Crosse. This planning zone is mainly steep bluff land. There are no residential or inspected occupancy's in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
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Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	0%
Inspected	0	0%
Total	0	0%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	100%



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Risk Assessment and Response Analysis : Planning Zone G2

District Overview

Planning zone G2 is located on La Crosse's far northeast border. This planning zone is mainly heavy industrial and commercial occupancy's. The La Crosse County Landfill and Hazardous Waste Recycling Center are located in this planning zone. The La Crosse Landfill Industrial Park is located in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score
6502 State Rd. 16	County Recycling	Hazardous Waste	875	24

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	14	100%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	2	13%
Inspected	14	87%
Total	16	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	2	0	0	0	0	0	0	2
2011	0	0	0	0	0	0	1	0	0	1
2012	0	0	0	0	0	0	0	0	0	0
2013	1	0	1	0	0	1	1	0	0	4
2014	1	0	3	0	0	2	0	0	0	6

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	10:07	NA	NA	NA	NA	NA	NA	10:07
2011	NA	NA	NA	NA	NA	NA	12:06	NA	NA	12:06
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	12:32	NA	12:26	NA	NA	NA	13:32	NA	NA	13:20
2014	11:37	NA	11:29	NA	NA	NA	NA	NA	NA	11:39

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	14	100%
Low	<1000	0	0%



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Risk Assessment and Response Analysis : Planning Zone G3

District Overview

Planning zone G3 is located on La Crosse's far northeast border. This planning zone contains low marsh land following the La Crosse River. There are no inspected or residential occupancy's in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	
Inspected	0	
Total	0	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	100%



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Risk Assessment and Response Analysis : Planning Zone G4

District Overview

Planning zone G4 is located on La Crosse's far northeast border. This planning zone contains low marsh land following the La Crosse River. There are no inspected or residential occupancy's in this planning zone.

Special Hazards

Address	Business Name	Associated Risk	Fire Flow	Risk Assessment Score

Inspected Occupancy Risk Assessment

Category	Score	Totals	Percent
Maximum	>69	0	0%
High	45-69	0	0%
Moderate	19-44	0	0%
Low	<19	0	0%

Occupancy Analysis

Classification	Total	Percent
Residential	0	
Inspected	0	
Total	0	100%

Emergency Call History

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0

90th Percent Priority Fractile Total Response Time

Year	Fire	Rupture Explosion	EMS	Hazardous Conditions	Service Call	Good Intent	False Call	Severe Weather	Other	Total
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Fire Flow Analysis

Category	Score	Totals	Percent
Special	>4000	0	0%
High	3000-4000	0	0%
Moderate	1000-3000	0	0%
Low	<1000	0	0%