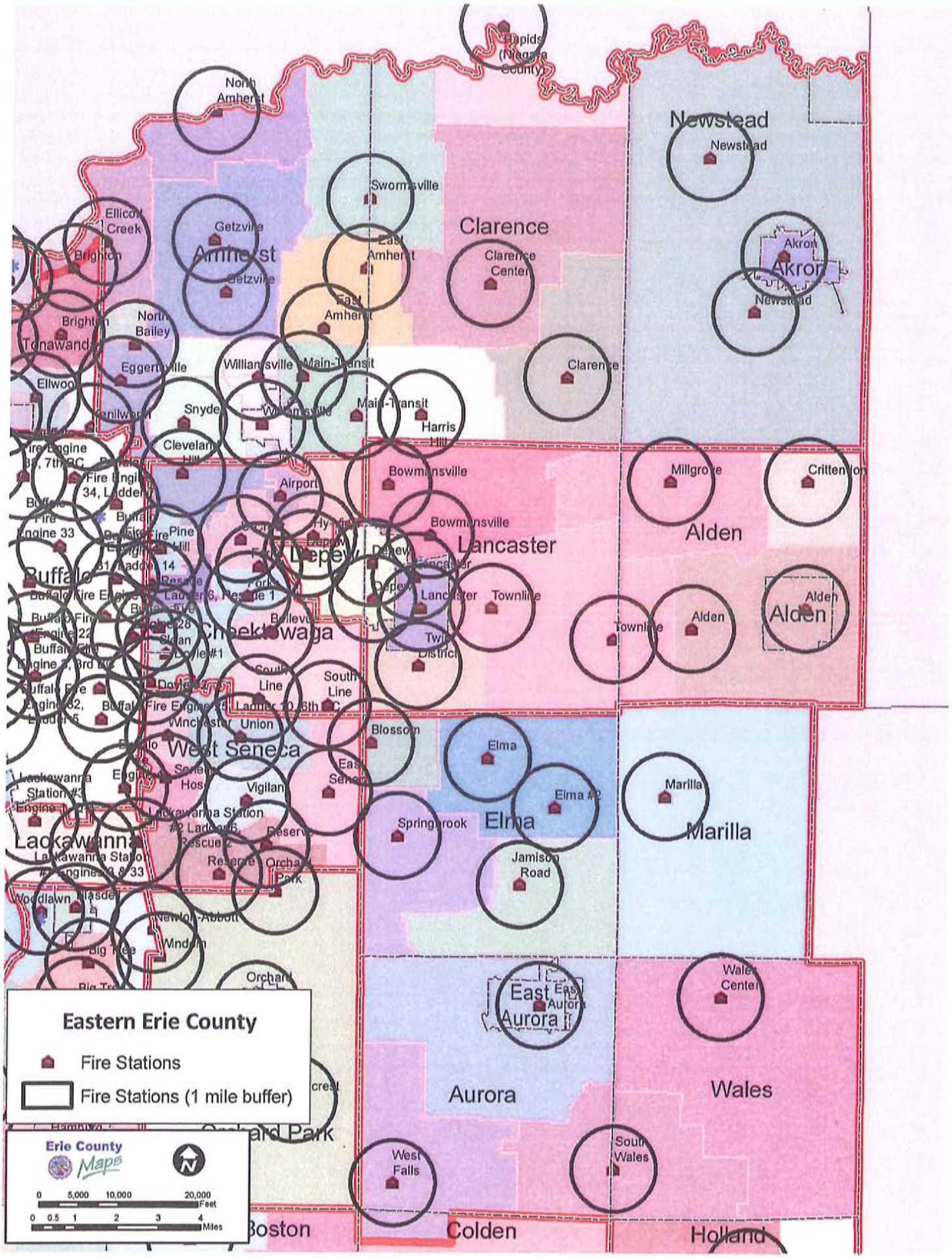
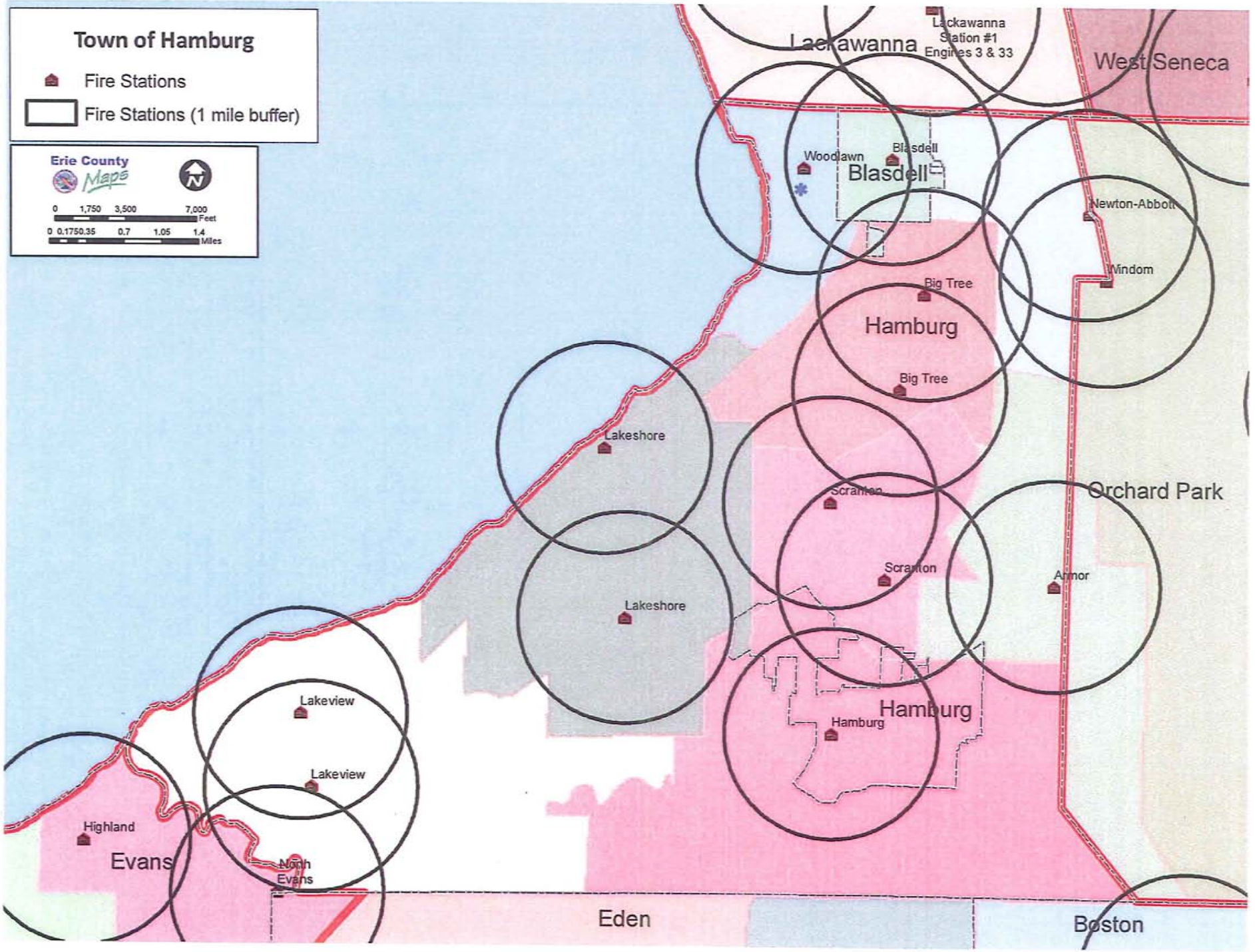
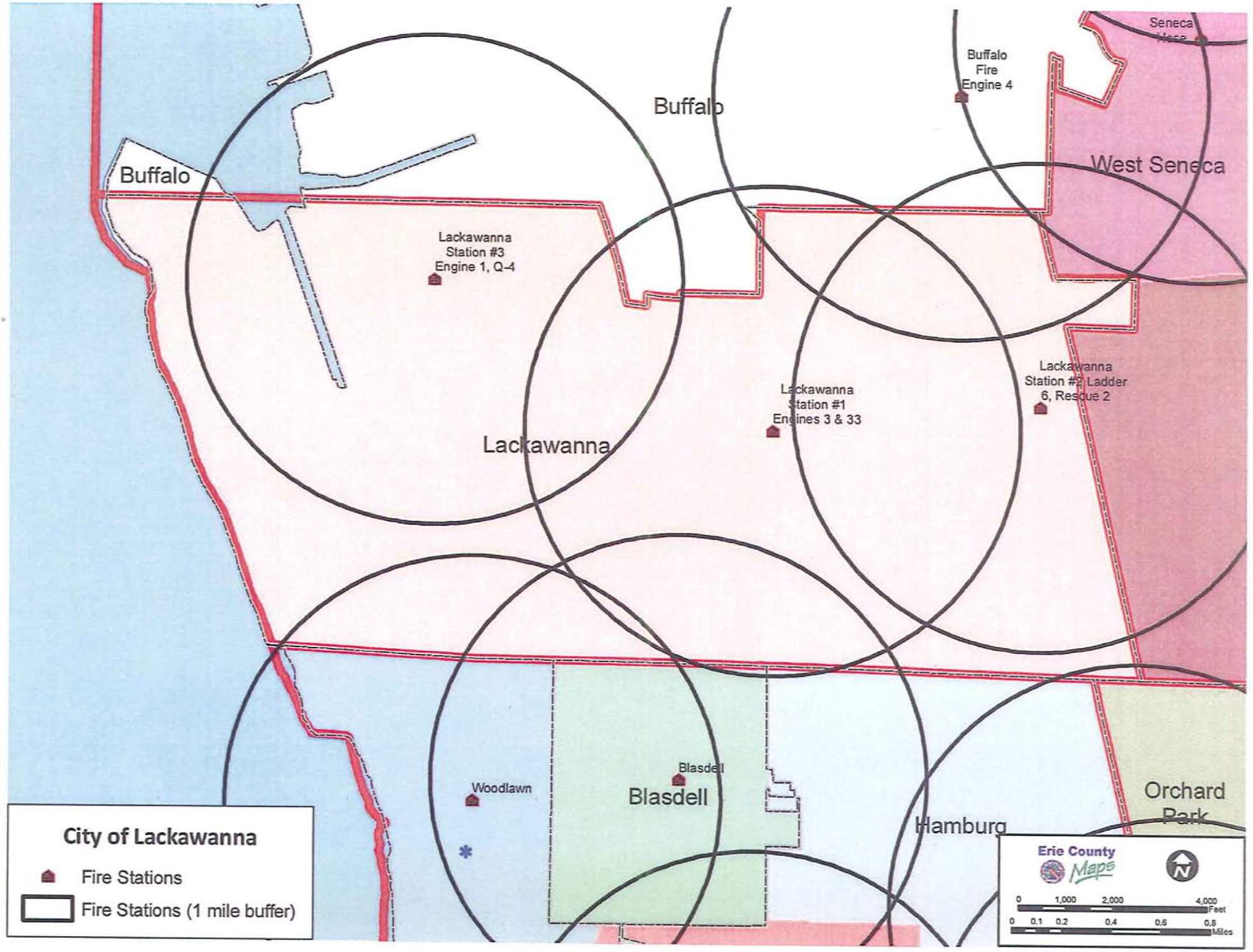
APPENDIX FOUR

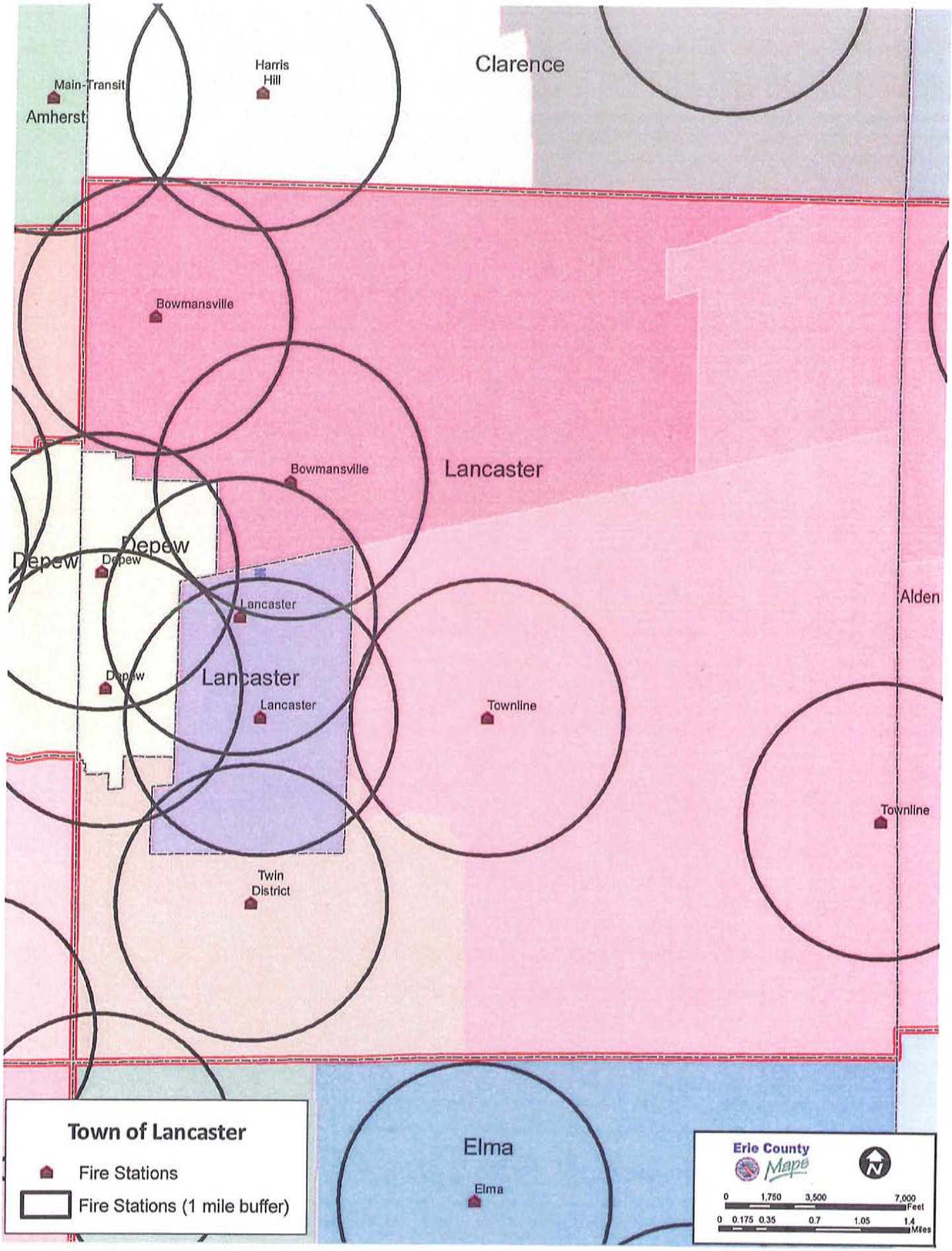
Maps of Districts showing Fire Stations with a 1 mile radius circle:

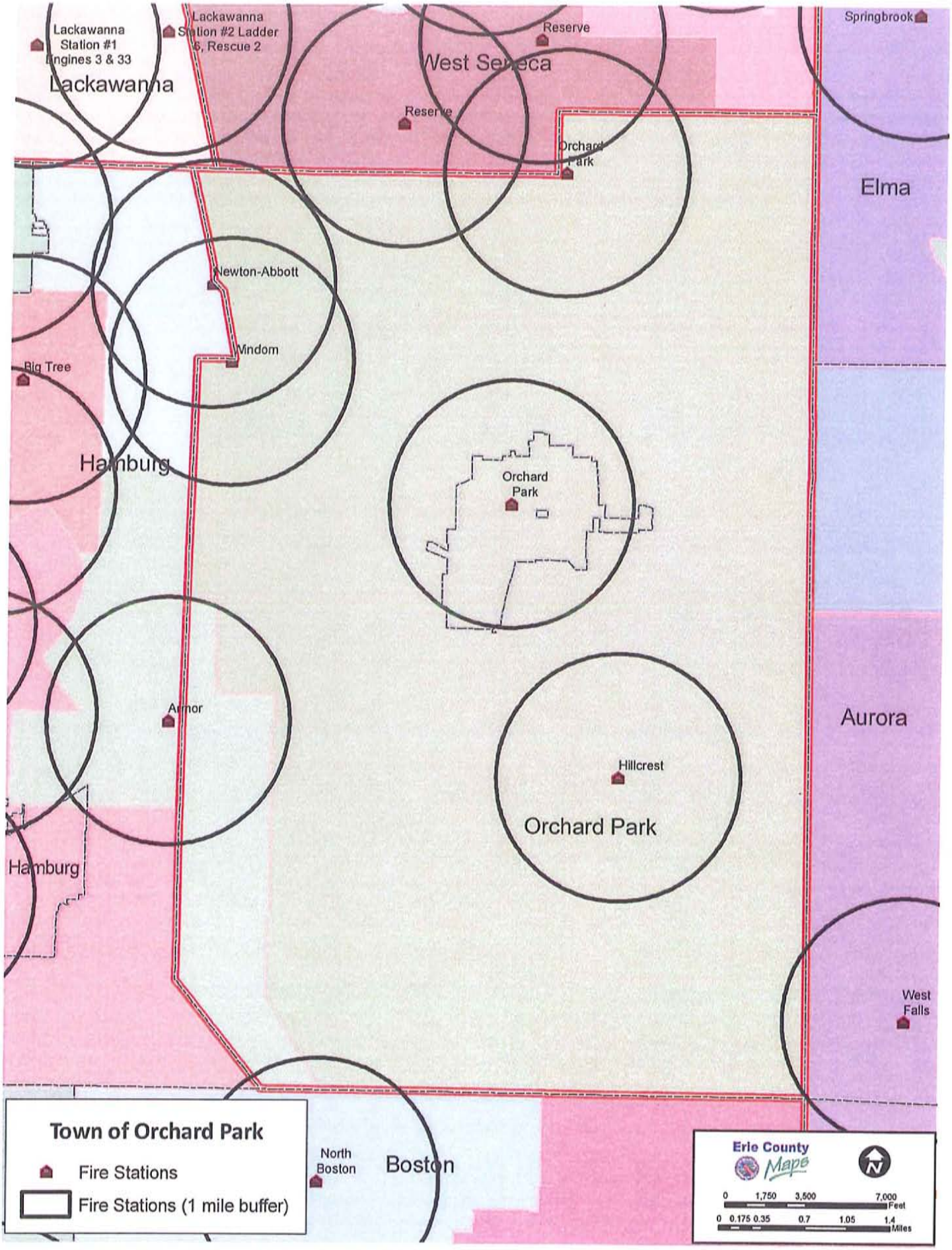
1) Amherst
2) Buffalo
3) Cheektowaga
4) Eastern Erie County
5) Hamburg
6) Lackawanna
7) Lancaster
8) Orchard Park
9) Southern Erie County
10) Tonawanda
11) West Seneca

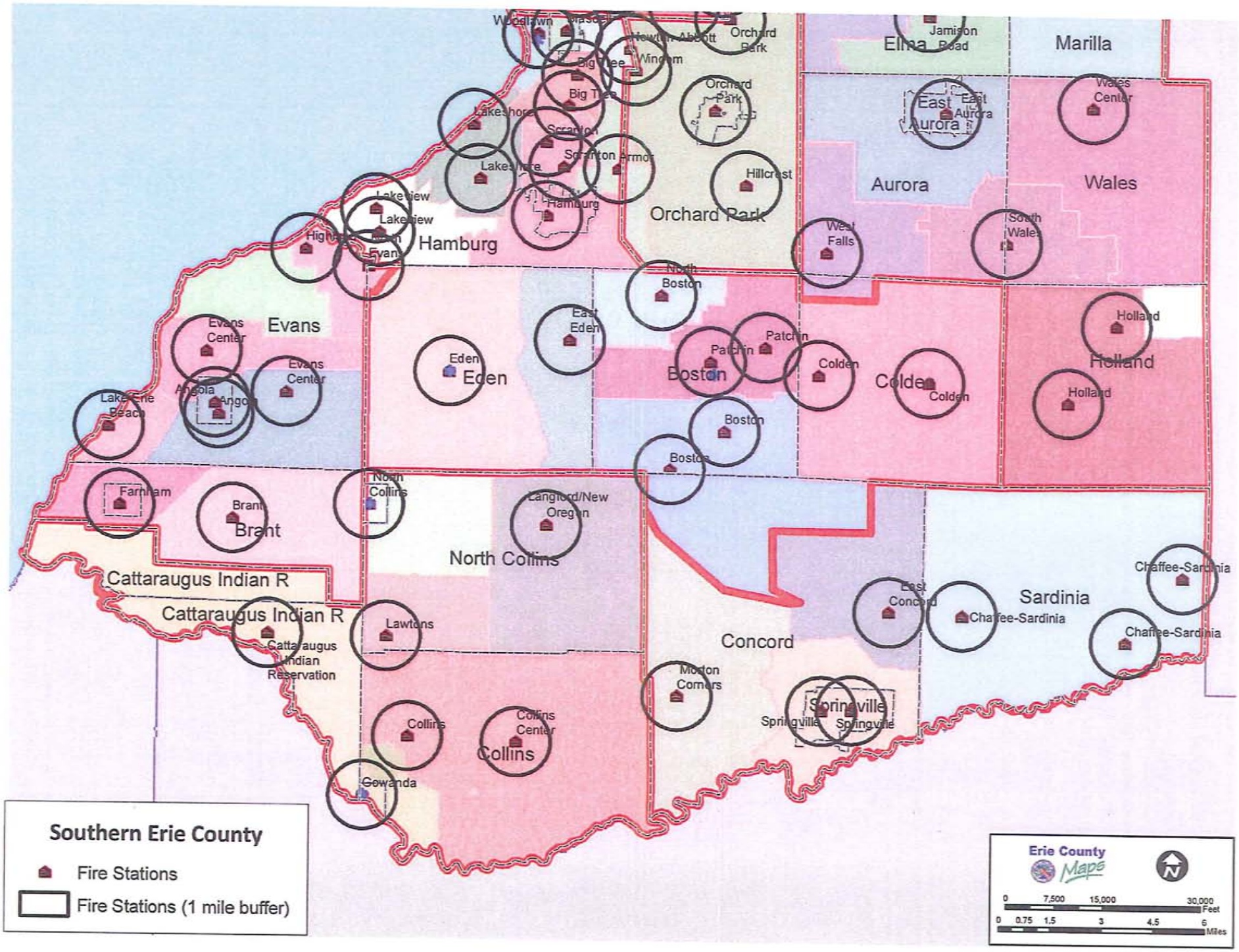

Eastern Erie County
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 5,000 10,000 20,000 Feet
0 0.5 1 2 3 4 Miles
Newstead
Clarence
Amherst
Akron
Tonawanda
Alden
Lancaster
Depew
Cheektowaga
Buffalo
West Seneca
Lackawanna
Elma
Marilla
Aurora
East Aurora
Wales
Orchard Park
Boston
Colden
Holland
North Amherst
Swormsville
Getzville
East Amherst
Clarence Center
Newstead
Akron
Brighton
North Bailey
Eggertsville
Williamsville
Main-Transit
Harris Hill
Snyder
Cleveland Hill
Airport
Bowmansville
Millgrove
Crittenden
Pine Hill
Townline
Alden
Twin District
South Line
Union
Blossom
Springbrook
Jamison Road
Vigilant
Reserve
Orchard Park
Newton-Abbott
Windom
Woodlawn
Big Tree
West Falls
South Wales
Wales Center
Elma #2
Lackawanna Station #2
Lackawanna Station #3
Engine 33
Buffalo Fire Engine 22
Buffalo Fire Engine 32, Ladder 5
Fire Engine 34, Ladder 7
Fire Engine 38, 7th BC
Ellicott Creek
Ellwood
Kenilworth
Rapids (Niagara County)

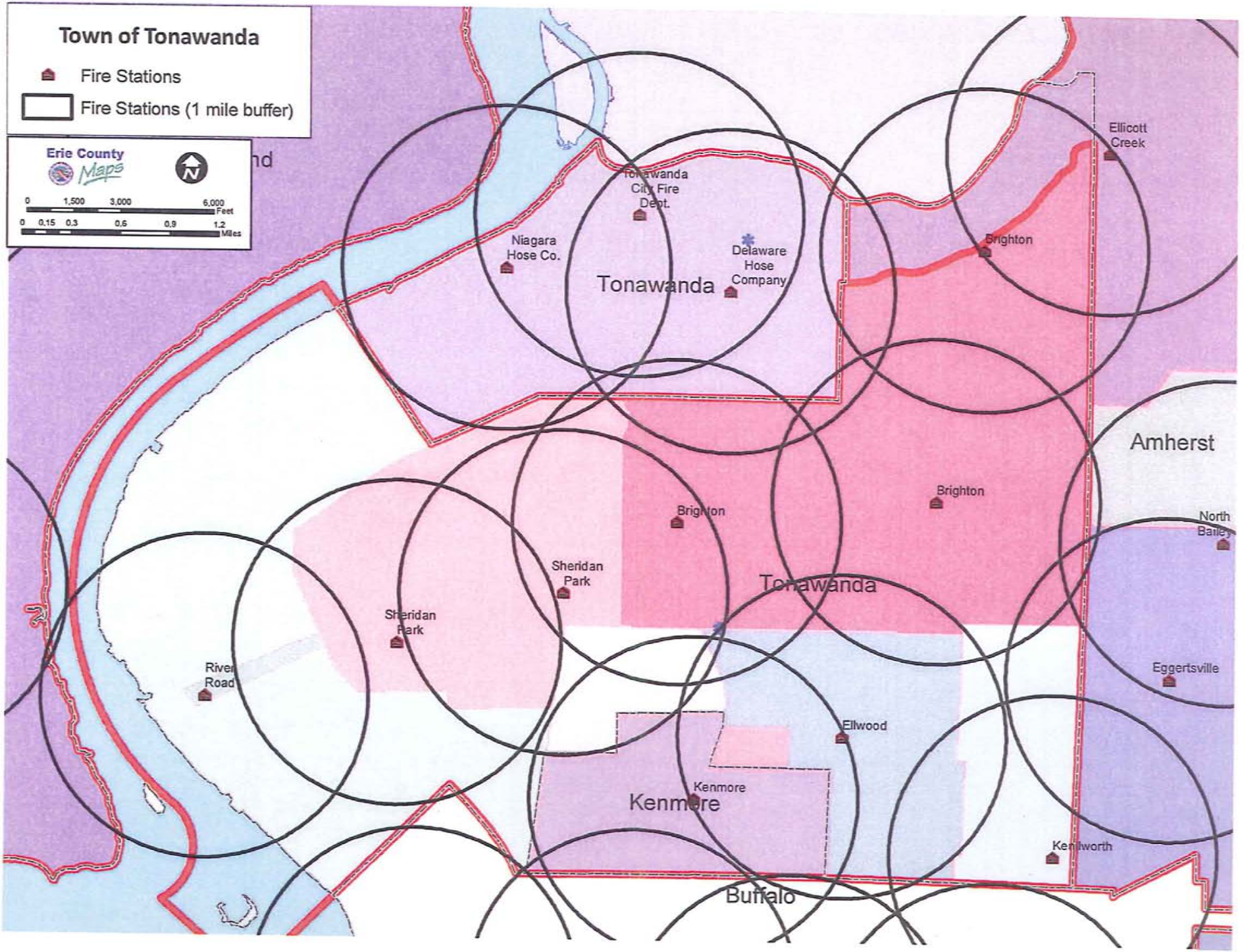

Town of Hamburg
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 1,750 3,500 7,000 Feet
0 0.1750.35 0.7 1.05 1.4 Miles
Lackawanna
Lackawanna Station #1 Engines 3 & 33
West Seneca
Woodlawn
Blasdell
Blasdell
Newton-Abbott
Windom
Big Tree
Hamburg
Big Tree
Lakeshore
Scranton
Orchard Park
Scranton
Armor
Lakeshore
Hamburg
Hamburg
Lakeview
Lakeview
Highland
Evans
North Evans
Eden
Boston

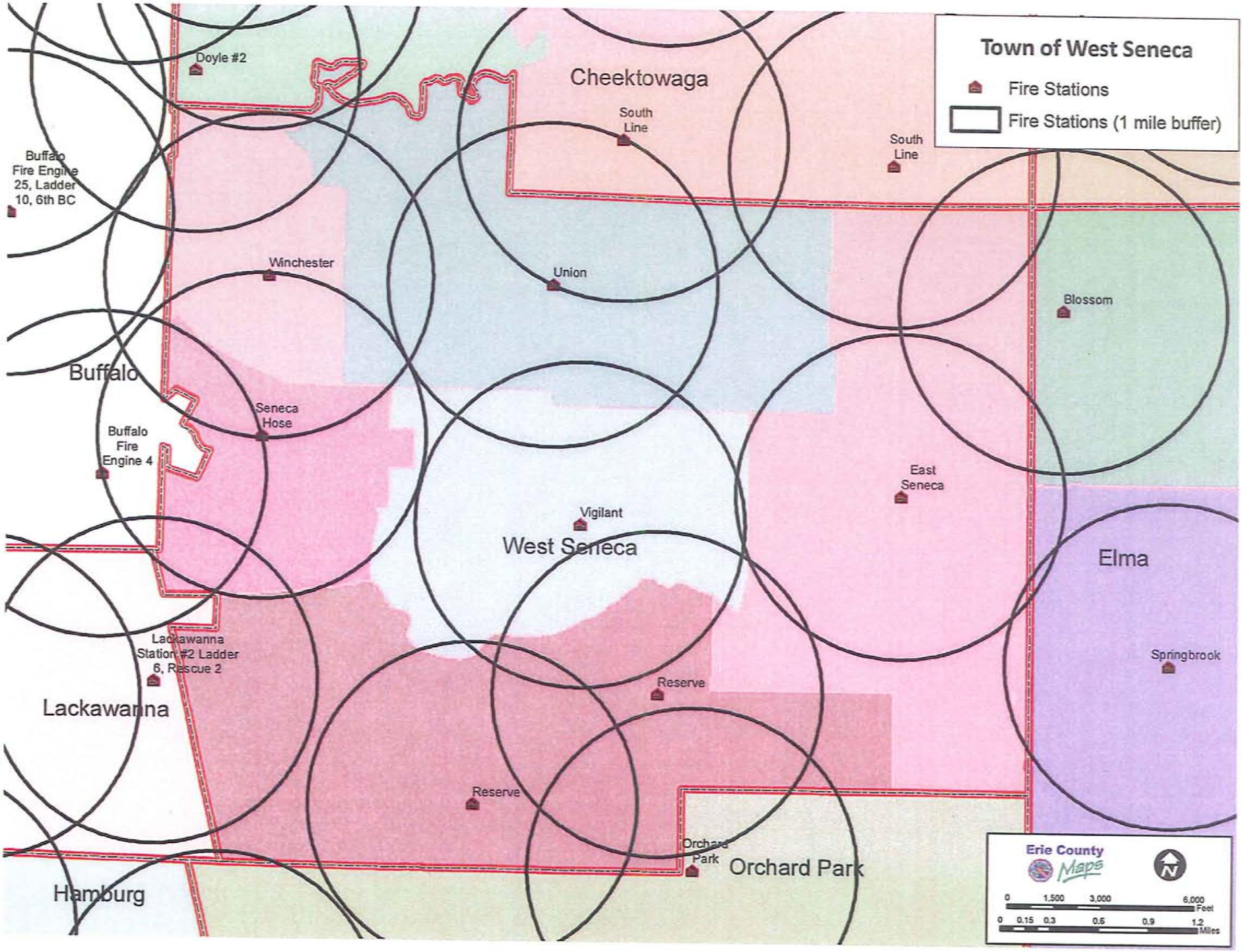

Buffalo
Buffalo
Buffalo Fire Engine 4
Seneca House
West Seneca
Lackawanna Station #3 Engine 1, Q-4
Lackawanna Station #1 Engines 3 & 33
Lackawanna Station #2 Ladder 6, Rescue 2
Lackawanna
Blasdell
Woodlawn
Blasdell
Orchard Park
Hamburg
City of Lackawanna
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 1,000 2,000 4,000 Feet
0 0.1 0.2 0.4 0.6 0.8 Miles


Clarence
Harris Hill
Main-Transit
Amherst
Bowmansville
Bowmansville
Lancaster
Depew
Depew
Depew
Lancaster
Depew
Lancaster
Lancaster
Townline
Alden
Townline
Twin District
Elma
Elma
Town of Lancaster
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 1,750 3,500 7,000 Feet
0 0.175 0.35 0.7 1.05 1.4 Miles


Lackawanna Station #1 Engines 3 & 33
Lackawanna Station #2 Ladder 5, Rescue 2
Lackawanna
West Seneca
Reserve
Reserve
Springbrook
Orchard Park
Elma
Newton-Abbott
Windom
Big Tree
Hamburg
Orchard Park
Armor
Aurora
Hillcrest
Orchard Park
Hamburg
West Falls
North Boston
Boston
Town of Orchard Park
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 1,750 3,500 7,000 Feet
0 0.175 0.35 0.7 1.05 1.4 Miles


Southern Erie County
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 7,500 15,000 30,000 Feet
0 0.75 1.5 3 4.5 6 Miles
Woodlawn
Orchard Park
Jamison Road
Elma
Marilla
Big Tree
Windom
Lakeshore
Scranton
Armor
Hillcrest
East Aurora
Wales Center
Aurora
Wales
Lakeview
Hamburg
Orchard Park
West Falls
South Wales
Evans
Evans Center
Eden
East Eden
North Boston
Patchin
Colden
Holland
Boston
Lake Erie Beach
Angola
Farnham
Brant
North Collins
Langford/New Oregon
Cattaraugus Indian R
Cattaraugus Indian Reservation
Lawtons
Concord
East Concord
Chaffee-Sardinia
Sardinia
Morton Corners
Springville
Collins
Collins Center
Gowanda


Town of Tonawanda
Fire Stations
Fire Stations (1 mile buffer)
Erie County Maps
0 1,500 3,000 6,000 Feet
0 0.15 0.3 0.6 0.9 1.2 Miles
Ellicott Creek
Niagara Hose Co.
Delaware Hose Company
Tonawanda
Brighton
Amherst
Brighton
North Bailey
Sheridan Park
Tonawanda
Sheridan Park
Eggertsville
Ellwood
Kenmore
Kenmore
Kenilworth
Buffalo


Town of West Seneca
Fire Stations
Fire Stations (1 mile buffer)
Doyle #2
Cheektowaga
South Line
South Line
Buffalo Fire Engine 25, Ladder 10, 6th BC
Winchester
Union
Blossom
Buffalo
Seneca Hose
Buffalo Fire Engine 4
East Seneca
Vigilant
West Seneca
Elma
Lackawanna Station #2 Ladder 6, Rescue 2
Springbrook
Reserve
Lackawanna
Reserve
Orchard Park
Orchard Park
Hamburg
Erie County Maps
0 1,500 3,000 6,000 Feet
0 0.15 0.3 0.6 0.9 1.2 Miles

Appendix Five

New York County	2000 Census Population [3]	(Sq. Mi.) Land Area [3]	2008 Assessed Full Value	Number of Fire Companies [2]	Total Firefighters [1]	Number of Fire Calls [6]	Persons Per Fire Company	Area Per Fire Company	Full Value Per Fire Company	Population Per Fire Call	Fire District 2008 Debt(4)	Number of Fire Districts [4]	Debt Per Fire District	Debt Per Population [5]
Albany	294,565	523.4	$24,971,921,964	40	2,450	14,134	7,364.1	13.1	$ 624,298,049.1	20.84	$ 10,394,437	20	$ 519,722	$ 35.29
Allegany	49,927	1,030.20	1,627,465,652	22	1,123	3,226	2,269.4	46.8	73,975,711.5	15.48	203,633	8	25,454	4.08
Broome	200,536	706.8	8,278,115,070	31	1,292	18,130	6,468.9	22.8	267,035,970.0	11.06	1,449,277	8	181,160	7.23
Cattaraugus	83,955	1,309.90	3,579,071,083	32	1,386	8,892	2,623.6	40.9	111,845,971.3	9.44	5,083,764	26	195,529	60.55
Cayuga	81,963	693.2	3,808,492,533	25	912	11,502	3,278.5	27.7	152,339,701.3	7.13	1,706,319	13	131,255	20.82
Chautauqua	139,750	1,062.00	6,418,834,930	38	1,973	17,008	3,677.6	27.9	168,916,708.7	8.22	2,509,922	19	132,101	17.96
Chemung	91,070	408.2	3,467,389,911	20	701	6,933	4,553.5	20.4	173,369,495.6	13.14	1,081,989	10	108,199	11.88
Chenango	51,401	894.4	2,058,610,774	20	877	6,463	2,570.1	44.7	102,930,538.7	7.95	111,686	10	11,169	2.17
Clinton	79,894	1,038.90	4,165,103,284	22	927	8,394	3,631.5	47.2	189,322,876.5	9.52	7,230,218	16	451,889	90.50
Columbia	63,094	635.7	8,016,434,673	26	1,275	4,575	2,426.7	24.5	308,324,410.5	13.79	2,437,721	17	143,395	38.64
Cortland	48,599	499.7	1,971,407,486	11	726	4,876	4,418.1	45.4	179,218,862.4	9.97	2,763,369	10	276,337	56.86
Delaware	48,055	1,446.40	5,234,973,182	22	1,144	2,589	2,184.3	65.7	237,953,326.5	18.56	1,703,182	25	68,127	35.44
Dutchess	280,150	801.6	38,431,929,919	34	2,706	28,595	8,239.7	23.6	1,130,350,880.0	9.80	3,864,393	26	148,631	13.79
Erie	950,265	1,044.20	42,445,603,001	91	6,791	72,928	10,442.5	11.5	466,435,197.8	13.03	12,391,892	32	387,247	13.04
Essex	38,851	1,796.80	6,008,659,158	23	964	2,907	1,689.2	78.1	261,246,050.3	13.36	2,075,059	17	122,062	53.41
Franklin	51,134	1,631.50	3,514,308,655	17	719	4,641	3,007.9	96.0	206,724,038.5	11.02	445,820	4	111,455	8.72
Fulton	55,073	496.2	2,845,435,720	13	475	5,464	4,236.4	38.2	218,879,670.8	10.08	186,669	2	93,335	3.39
Genesee	60,370	494.1	2,400,618,369	16	1,221	12,344	3,773.1	30.9	150,038,648.1	4.89	931,264	5	186,253	15.43
Greene	48,195	647.7	5,872,035,520	20	1,148	2,219	2,409.8	32.4	293,601,776.0	21.72	2,409,653	12	200,804	50.00
Hamilton	5,379	1,720.40	2,959,040,299	7	231	440	768.4	245.8	422,720,042.7	12.23	253,598	5	50,720	47.15
Herkimer	64,427	1,411.20	4,348,324,826	21	915	7,153	3,068.0	67.2	207,063,087.0	9.01	471,708	6	78,618	7.32
Jefferson	111,738	1,272.20	6,256,707,378	35	1,528	9,974	3,192.5	36.3	178,763,067.9	11.20	2,658,061	16	166,129	23.79
Lewis	26,944	1,275.40	1,498,019,732	13	677	1,717	2,072.6	98.1	115,232,287.1	15.69	-	3	-	-
Livingston	64,328	632.1	2,931,719,073	18	1,302	3,288	3,573.8	35.1	162,873,281.8	19.56	3,298,043	7	471,149	51.27
Madison	69,441	655.9	3,570,215,602	22	857	5,118	3,156.4	29.8	162,282,527.4	13.57	738,496	10	73,850	10.63
Monroe	735,343	659.3	36,668,516,964	36	3,236	78,051	20,426.2	18.3	1,018,569,915.7	9.42	40,268,248	23	1,750,793	54.76
Montgomery	49,708	404.8	1,951,327,667	18	617	5,282	2,761.6	22.5	108,407,092.6	9.41	240,200	2	120,100	4.83
Nassau	1,334,544	286.7	261,249,503,274	66	8,857	59,080	20,220.4	4.3	3,958,325,807.2	22.59	27,575,439	39	707,063	20.66
Niagara	219,846	522.9	8,658,367,718	27	1,604	20,743	8,142.4	19.4	320,680,285.9	10.60	-	2	-	-
Oneida	235,469	1,212.70	9,213,095,486	43	2,151	26,563	5,476.0	28.2	214,258,034.6	8.86	3,751,600	18	208,422	15.93
Onondaga	458,336	780.3	23,512,192,005	49	2,800	44,161	9,353.8	15.9	479,840,653.2	10.38	17,619,176	20	880,959	38.44
Ontario	100,224	644.4	6,941,131,214	27	1,212	7,134	3,712.0	23.9	257,078,933.9	14.05	911,059	7	130,151	9.09
Orange	341,367	816.3	40,990,012,249	45	3,914	22,170	7,585.9	18.1	910,889,161.1	15.40	17,757,794	37	479,940	52.02
Orleans	44,171	391.4	1,495,976,251	9	607	4,614	4,907.9	43.5	166,219,583.4	9.57	272,000	3	90,667	6.16
Oswego	122,377	953.3	4,786,648,809	27	1,200	15,310	4,532.5	35.3	177,283,289.2	7.99	422,892	6	70,482	3.46
Otsego	61,676	1,002.80	4,091,482,070	22	949	4,951	2,803.5	45.6	185,976,457.7	12.46	355,215	17	20,895	5.76
Putnam	95,745	231.3	16,917,271,196	13	1,111	6,133	7,365.0	17.8	1,301,328,553.5	15.61	5,478,000	4	1,369,500	57.21
Rensselaer	152,538	654	9,515,254,732	40	1,944	20,198	3,813.5	16.4	237,881,368.3	7.55	7,834,989	27	290,185	51.36
Rockland	286,753	174.2	45,542,318,146	23	2,208	8,362	12,467.5	7.6	1,980,100,789.0	34.29	8,153,984	21	388,285	28.44
St. Lawrence	111,931	2,685.60	4,612,056,524	37	1,633	7,707	3,025.2	72.6	124,650,176.3	14.52	895,469	15	59,698	8.00
Saratoga	200,635	811.8	20,772,288,579	27	1,769	13,440	7,430.9	30.1	769,344,021.4	14.93	8,078,728	20	403,936	40.27
Schenectady	146,555	206.1	9,667,679,245	24	1,135	21,674	6,106.5	8.6	402,819,968.5	6.76	5,898,492	17	346,970	40.25

Appendix Five

New York County	2000 Census Population [3]	(Sq. Mi.) Land Area [3]	2008 Assessed Full Value	Number of Fire Companies [2]	Total Firefighters [1]	Number of Fire Calls [6]	Persons Per Fire Company	Area Per Fire Company	Full Value Per Fire Company	Population Per Fire Call	Fire District 2008 Debt(4)	Number of Fire Districts [4]	Debt Per Fire District	Debt Per Population [5]
Schoharie	31,582	622	2,067,351,769	13	612	1,549	2,429.4	47.8	159,027,059.2	20.39	1,784,464	9	198,274	56.50
Schuyler	19,224	328.7	1,046,998,778	13	505	2,649	1,478.8	25.3	80,538,367.5	7.26	-	-	-	-
Seneca	33,342	324.9	1,539,506,403	12	512	5,249	2,778.5	27.1	128,292,200.3	6.35	855,326	3	285,109	25.65
Steuben	98,726	1,392.60	4,468,608,600	37	1,466	6,242	2,668.3	37.6	120,773,205.4	15.82	1,990,055	15	132,670	20.16
Suffolk	1,419,369	912.2	314,559,118,801	103	11,024	77,294	13,780.3	8.9	3,053,972,027.2	18.36	79,645,328	93	856,401	56.11
Sullivan	73,966	969.7	9,099,601,495	35	1,385	5,413	2,113.3	27.7	259,988,614.1	13.66	12,928,250	35	369,379	174.79
Tioga	51,784	518.7	2,292,757,274	12	912	4,104	4,315.3	43.2	191,063,106.2	12.62	1,113,238	9	123,693	21.50
Tompkins	96,501	476.1	6,132,823,748	14	764	9,385	6,892.9	34.0	438,058,839.1	10.28	764,534	5	152,907	7.92
Ulster	177,749	1,126.50	20,645,288,381	37	1,911	15,028	4,804.0	30.4	557,980,767.1	11.83	7,106,986	41	173,341	39.98
Warren	63,303	869.3	10,573,991,381	19	679	6,295	3,331.7	45.8	556,525,862.2	10.06	4,519,135	6	753,189	71.39
Washington	61,042	835.4	4,260,891,793	22	964	3,414	2,774.6	38.0	193,676,899.7	17.88	68,209	1	68,209	1.12
Wayne	93,765	604.2	4,277,213,322	26	1,296	4,224	3,606.3	23.2	164,508,204.7	22.20	557,972	14	39,855	5.95
Westchester	923,459	432.8	192,234,139,421	57	6,061	59,368	16,201.0	7.6	3,372,528,761.8	15.55	19,873,033	28	709,751	21.52
Wyoming	43,424	592.9	1,811,588,555	19	898	3,256	2,285.5	31.2	95,346,766.1	13.34	-	4	-	-
Yates	24,621	338.2	1,940,680,066	9	394	1,406	2,735.7	37.6	215,631,118.4	17.51	-	3	-	-
Totals	10,968,179	46,910	$ 1,280,216,119,710	1,600	100,650	833,959					$ 343,119,988	871	$15,515,413	$ 1,619
Average	192,424	823	$ 22,459,931,925	28	1,766	14,631	5,218	38	$ 504,689,615		$ 6,019,649	15		

(1) - The "Total Firefighters" figure as reported by the USFA includes support staff.

(2) The number of fire companies as reported here by the New York State comptroller does not match the USFA report.

(3) The 2000 Census population and land area figures provided by Enviroment and Planning do not match the NYS Comptrollers data. The differences are not significant to our analysis.

(4) The New York State Comptroller receives reports from Fire Districts (but not Fire Protection Districts or Fire Departments).

(5) The "Debt Per Population" figure is the debt for Fire Districts divided by a county's population. It does not include debt from Fire Protection Districts or city Fire Departments.

(6) The number of fire calls is from the New York State Secretary of State website.