

Township of Elk Rapids

315 Bridge Street • P.O. Box 365 • Elk Rapids, Michigan 49629
Telephone 231-264-9333 • Fax 231-264-6676

January 15, 2014

[PROVIDER NAME]
[Attn: NAME]
[PROVIDER ADDRESS]

Re: REQUEST FOR PROPOSAL: AMBULANCE SERVICE

Dear _____:

Elk Rapids Township (the "Township") is a Municipal Corporation located in Antrim County in Northwestern Michigan. The Township invites your company to submit a response to request for ambulance service.

I. BACKGROUND INFORMATION

SEE ATTACHED

II. DELIVERABLES

The desired deliverable of an ambulance service to be engaged to provide service are described below:

1. The provision of two (2) appropriately staffed Advanced Life Support (ALS) ambulance twenty four (24) hours per day, seven (7) days per week located in the service areas identified in **Exhibit A**.
2. A vehicle maintenance program designed and conducted so as to achieve the highest standards of reliability appropriate to modern emergency service.
3. Sufficient medical equipment and expendable supplies so that there is sufficient back-up to accommodate replacement during repair and excessive use.
4. All vehicles staffed with two (2) currently licensed personnel that meet, or exceed the minimum standards established by the State of Michigan.

5. A detailed quality assurance process for service delivered to the Township.
6. A detailed field training program for personnel operating in the Elk Rapids Township service area.
7. A service level that meets the following performance standards:
 - A. Minimum average response times of fourteen (14) minutes or less. Response times will be reported on a tri-annual basis. Reporting dates will be in the months of January, May, and September. At least fifty (50) calls will be required to establish a basis for calculation. Any number below fifty (50) will require call data from the preceding period to be used for the calculation.
 - B. Response time exceptions will be allowed as approved by the Elk Rapids Township Board.
8. Evidence of accreditation through a qualified third party accreditations system such as the Commission on the Accreditation of Ambulance Serviced of similar body.

III. PROPOSAL OUTLINE

Your company is invited to submit a written proposal describing the benefits that Elk Rapids Township will derive by selecting your company for an ambulance service engagement. Please structure your proposal as follows:

- A. Transmittal Document
- B. Executive Summary
- C. Your proposal for meeting Elk Rapids Township's needs and stated deliverables addressing the areas described below:

Company Background:

1. Provide general information about your company related to size, history, number of staff, and growth over the last 15 years.
2. Provide a response to the questions listed in **Exhibit B**.
3. Describe your company's competence to provide the stated deliverables and plans to meet or exceed the standards set forth.

4. Provide a summary of any pending lawsuits against your company and what judgments have been made against your company or its employees in the past three (3) years.

Management Approach, Including:

1. Discuss an implementations timeline of how your company will begin and provide service and meet response times.
2. Identify your company's administrative leadership team that would be assigned to Elk Rapids Township and their relevant professional experience.

Fees:

1. Provide a quote of any applicable fees or funding required to provide the level of service that meets the specified deliverables and standards set forth in this Request for Proposals. Please provide such quotes separately for each service area described in **Exhibit A**.
2. Provide a description of how you intend to capitalize the operation necessary to provide the service required in this request for proposal.
3. Provide a description of how you intend to utilize the Township's current equipment (ambulances and on board equipment), as well as replacement thereof and ownership.
4. Provide a description of how you intend to utilize the Township Ambulance Station which is part of a shared building with the Elk Rapids Fire Department.
5. If your proposal(s) include any rental/lease agreements with the Township, either equipment or building, please supply copies of any such agreements with your proposal.
6. Provide a Model Ambulance Service Contract which would be proposed by you if the Township should desire to proceed.

References of Your Company

1. Include a comprehensive list of your company's current clients.
2. Identify any clients your company has lost in the last fifteen (15) years and the reason(s) why.

IV. PROPOSAL FORMAT AND TIME TABLE.

Please submit ten (10) copies of your proposal and any additional documents you wish to provide. Your proposal and additional documents should be delivered to the following address on, or before, February 7, 2014 at 5:00 p.m.:

Shelley Boisvert
Elk Rapids Township Clerk
315 Bridge Street
P.O. Box 365
Elk Rapids, Michigan 49629

Each proposal shall be considered binding and in effect for a period of ninety (90) days.

The Township reserves the right to reject proposals or parts thereof. The Township also reserves the right to waive any irregularities, inconsistencies and bidding provisions or take whatever action that is in the Township's best interest as determined by the Township Board.

Thank you in advance for your consideration of this request for proposal. Should you have questions, or need additional background information, please do not hesitate to contact William White at (231) 264-9333.

Sincerely,

Elk Rapids Township

By: William White
Elk Rapids Township Supervisor

EXHIBIT A

Service Area

Please provide quotes separately for each service area described in Exhibit A.

- I. Elk Rapids Township (Always includes Village)
- II. Elk Rapids Township and Milton Township
- III. Elk Rapids Township, Milton Township and Torch Lake Township

EXHIBIT B

Company Background and Service Questions

1. Describe the mission and vision of your company.
2. What type of transport services do you currently provide?
3. Explain how your dispatch center (if applicable) will enhance the delivery of service to our area.
4. Do you monitor patient satisfaction, employee engagement, and quality assurance? Please explain.
5. Provide a brief description of your fleet. (number of vehicles, types, ages, technology, supplies)
6. Provide a description of your vehicle and equipment maintenance program(s).
7. Provide annual vehicle accident records. (last three (3) years)
8. Provide a background of your employees. i.e. education, years of service, status, etc.
9. Provide a description of personnel readiness/fitness for duty. (last three (3) years)
10. Provide personnel injury statistics. (last three (3) years)
11. Provide malpractice claims history. (last three (3) years)
12. Explain your company's involvement in the communities you currently serve.
13. Anything else you would like to tell us about your company.

**ATTACHMENT TO ELK RAPIDS TOWNSHIP – REQUEST FOR PROPOSAL:
AMBULANCE SERVICE**

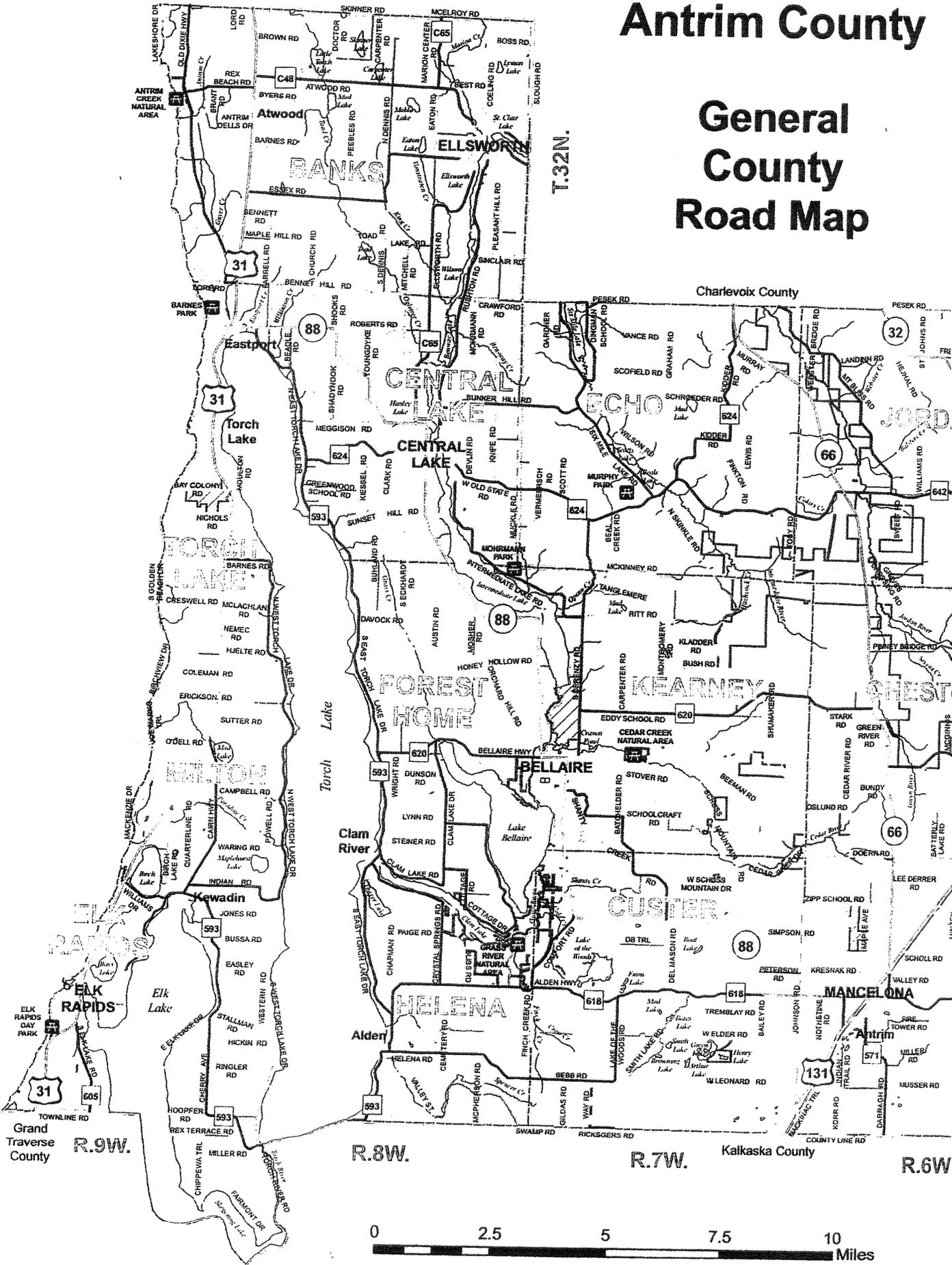
I. BACKGROUND INFORMATION

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3. Milton Township – Overview
4. Elk Rapids Township Agreement with Milton Township
5. Torch Lake Township – Overview
6. 2010 Census Figures
7. Elk Rapids Ambulance History
8. Elk Rapids Ambulance Statistics

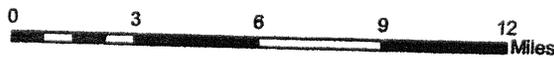
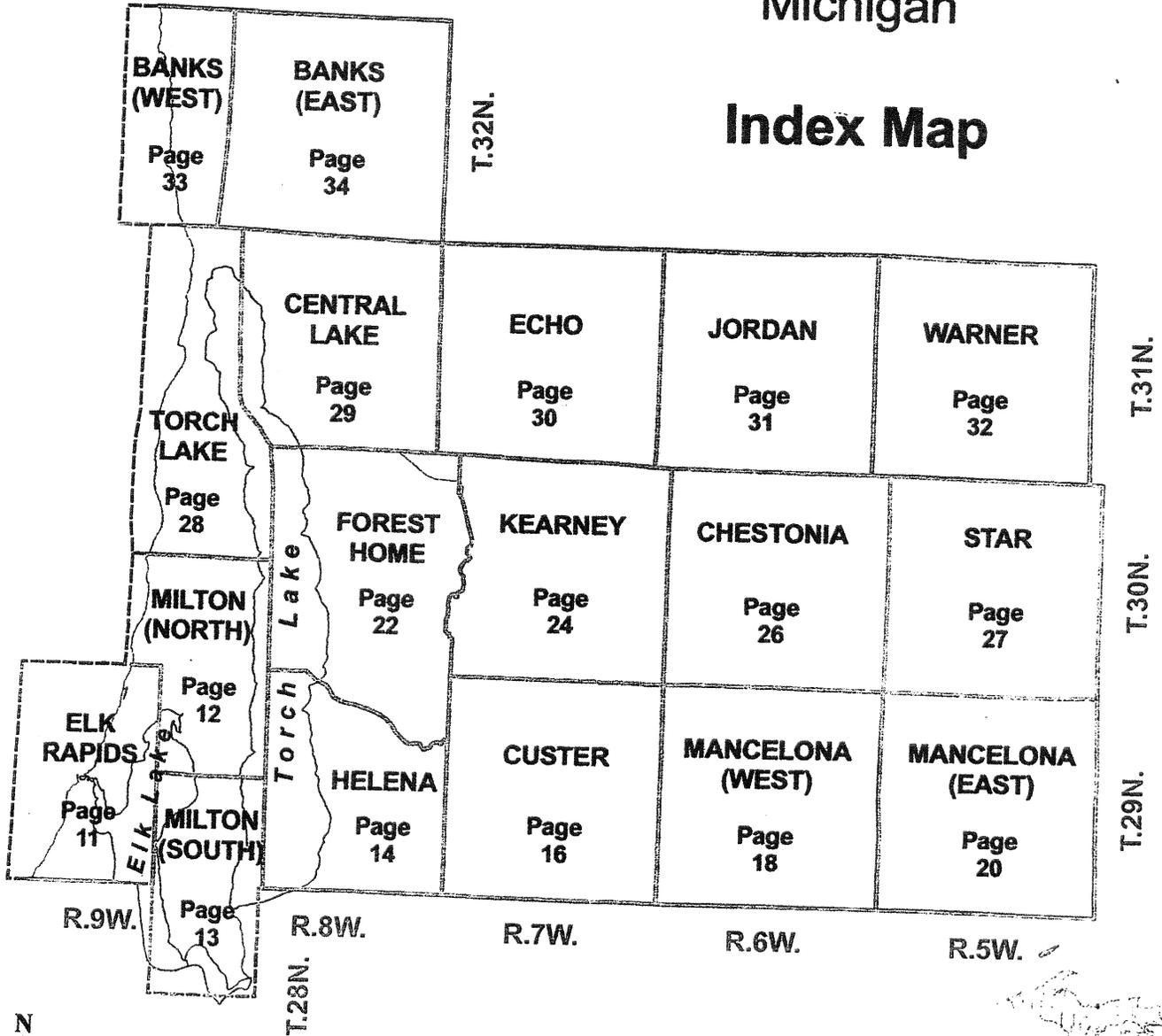
Antrim County

General County Road Map

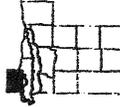


Antrim County Michigan

Index Map

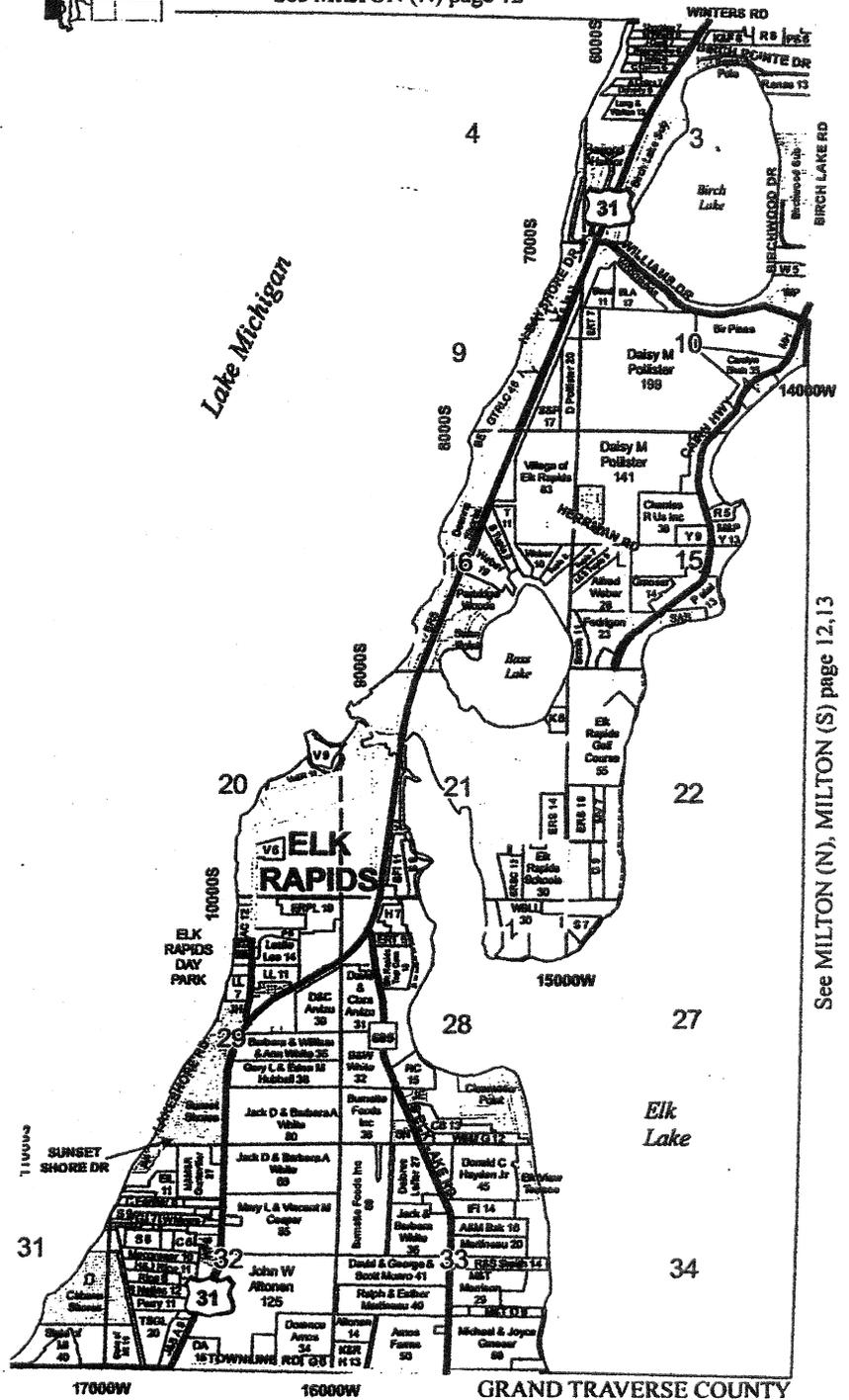


T.29N - R.09W



ELK RAPIDS

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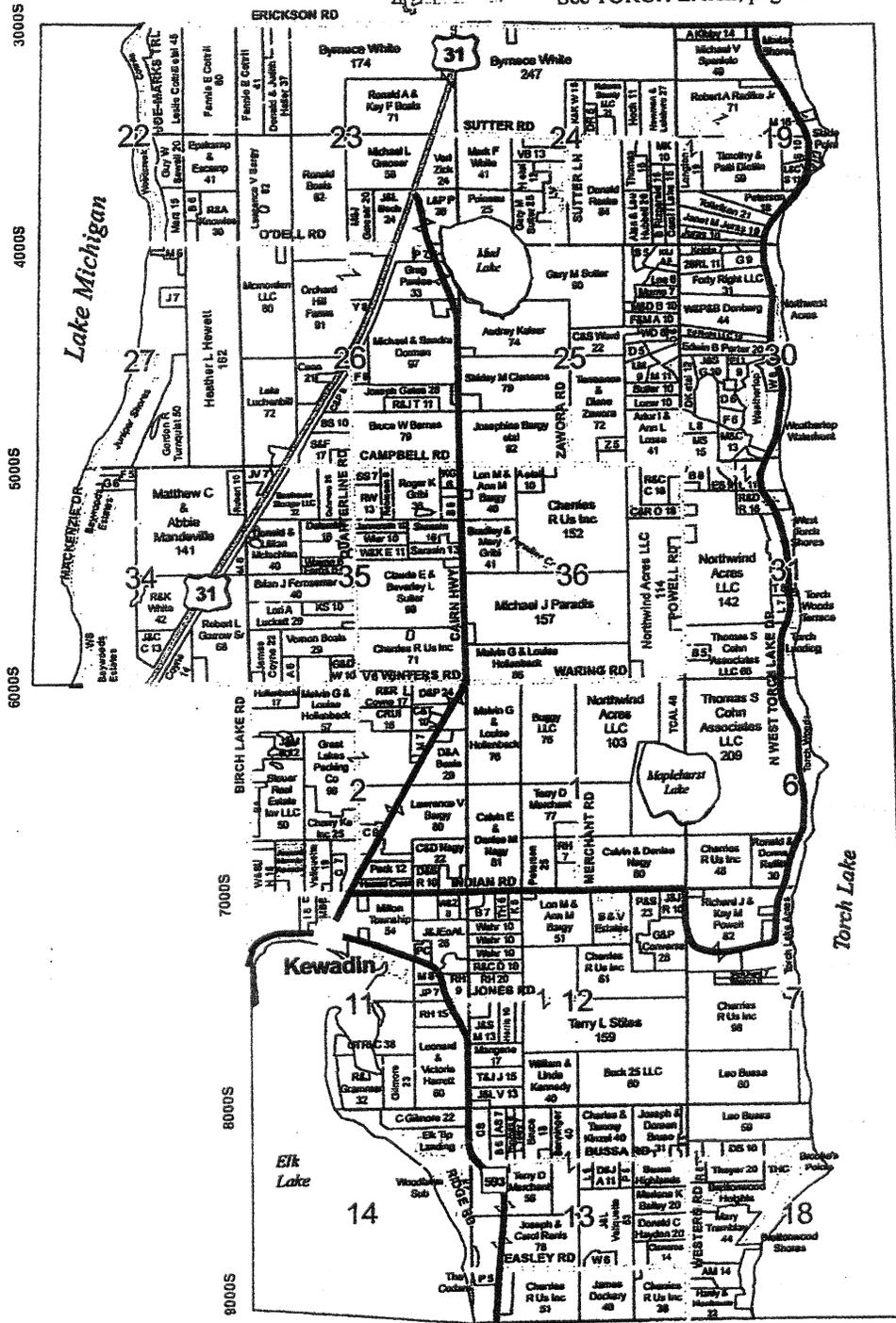
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MILTON (NORTH)

T.30N - R.09W

See TORCH LAKE, page 28

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See MILTON (S), page 13

14000W

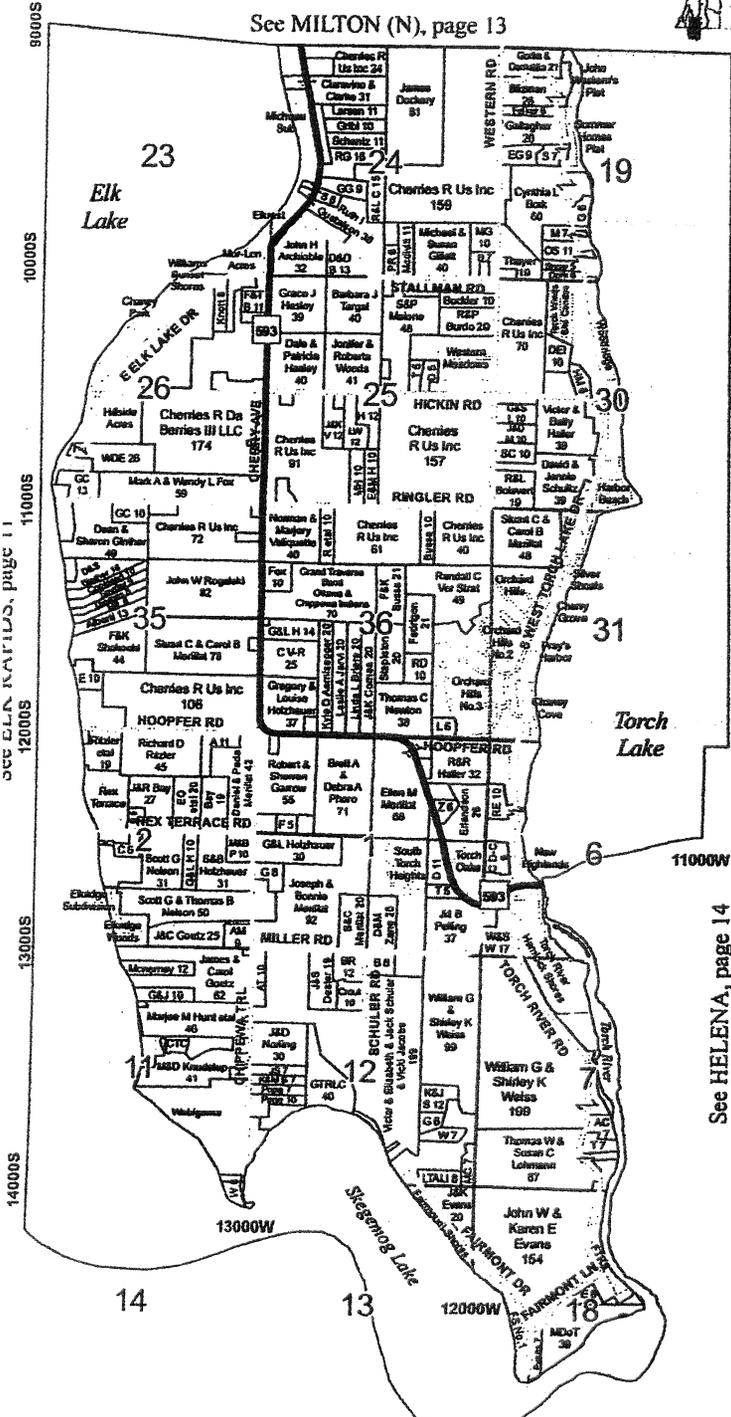
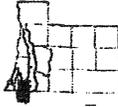
13000W

12000W

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MILTON (SOUTH)

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9000S
10000S
11000S
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13000S
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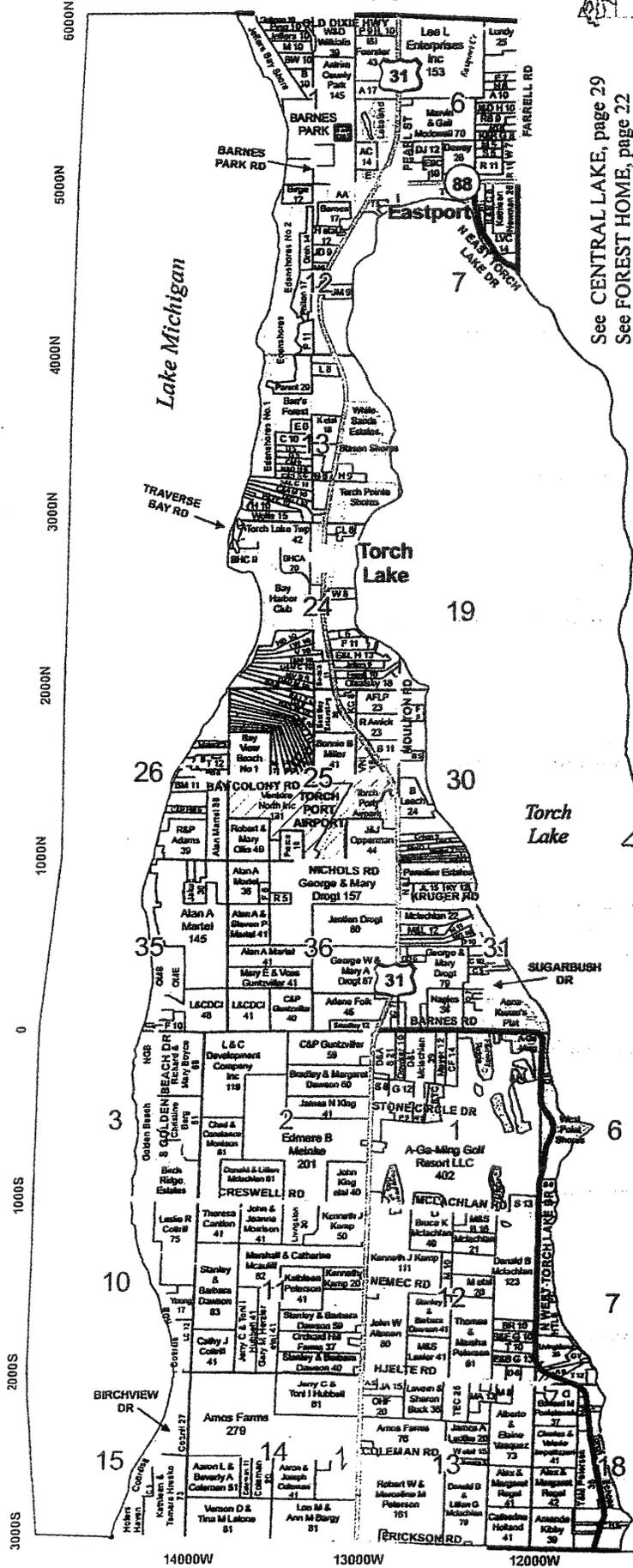
11000W
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GRAND TRAVERSE/KALKASKA COUNTIES

TORCH LAKE

T.31N - R.09W

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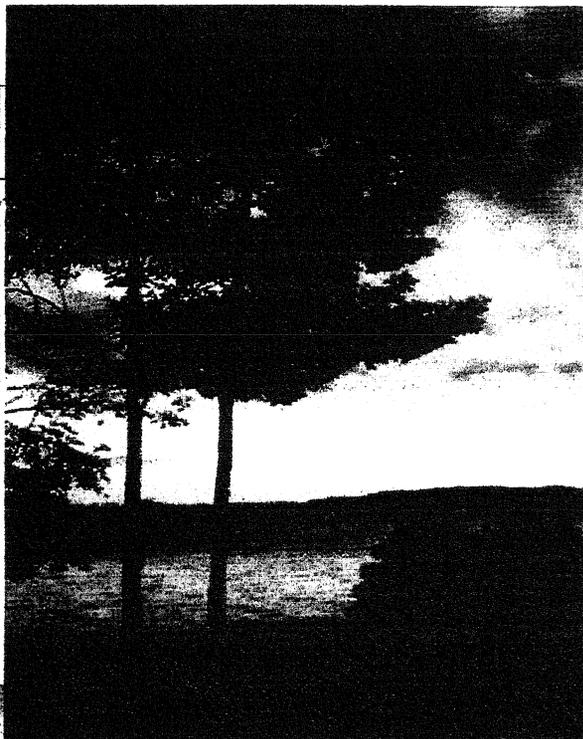
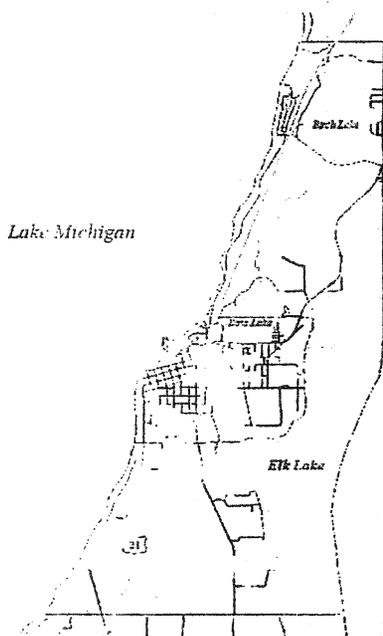


See CENTRAL LAKE, page 29
See FOREST HOME, page 22

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Sept 10, 201

Elk Rapids Village and Elk Rapids Township



Collaborative Master Plan

Adopted by Elk Rapids Village Council August 5, 2013

Adopted by Elk Rapids Township Board August 13, 2013

Elk Rapids Township

Character of the Built Environment

The Village is a turn of the century community, with a traditional main street and a scenic river flowing alongside its downtown.

The Township boasts scenic open spaces and natural features, which contribute to the beauty of the community.

Elk Rapids Village

The Village of Elk Rapids is a turn of the century community, with a traditional main street and a scenic river flowing alongside its downtown. The Village was established in the nineteenth century amidst agricultural fields, prominent water features and open land, and retains much of its original character.

Single-family residential neighborhoods are the dominant land use in the Village. Many of the homes are almost one hundred years old and are built on smaller lots compared to homes in Elk Rapids Township, establishing a quaint, close-knit community character. Walkable, tree-lined streets lead to the central business district, which affords beautiful views of the Grand Traverse Bay and Elk River. The central business district includes a concentration of high-quality shopping, dining and entertainment venues and has benefitted from aesthetic enhancements that make the area more attractive to pedestrians and preserve its historic character.

Elk Rapids Township

Elk Rapids Township is a rural community that has experienced slight, but steady growth. Many neighborhoods are suburban in character, with curvilinear streets, larger lots and some newer homes, but many residents live on rural acreage home-sites that are scattered along rural roads or clustered near one of the lakes in the area. Homes in the Township are comparatively newer than homes in the Village, and median household incomes tend to be a little higher in the Township.

The Township boasts scenic open spaces and significant natural features and viewsheds, which contribute to the beauty and desirability of the community. The Township's most prominent characteristics include Grand Traverse Bay shoreline, rolling orchards and fields, as well as forests and inland lakes. Much of the southern portion of the Township is currently used for agriculture. Agriculture is a central component to the Township's heritage and the community is committed to the continuation of agricultural activity.

US-31

US-31 is the primary transportation route in western Antrim County, providing connections between Traverse City and Charlevoix and beyond. The mostly two-lane federal highway serves approximately 4,900 vehicles per day north of the Village, 8,000 vehicles per day south of the Village, and between 10,000 and 20,000 vehicles per day in the Village, according to MDOT's 2010 traffic report. The US-31 corridor is dotted with several clusters of commercial and light industrial development, which provide some employment opportunities for local residents. Most of these businesses are engaged in light manufacturing activity or offer tourism-based goods and services.

Population Change

The recently published 2010 Census figures enable the community to review overall trends in population change. Population and demographic changes are among the most important measures to express growth or decline and its likely impact on existing and planned land uses in a community.

Table 1 illustrates that the Village experienced population growth between 1980 and 2000, although growth slowed during the period between 1990 and 2000. The 2010 Census shows a decline in population occurring between 2000 and 2010. Elk Rapids Township also experienced a similar decline while Antrim County experienced a modest growth rate of 2% since 2000.

Table 1							
Population Change (1980 - 2010)							
	1980	% Change	1990	% Change	2000	% Change	2010
Antrim County	16,194	28.4	18,185	12.3	23,110	2.0	23,580
Elk Rapids Township	2,086 (582)	13.8	2,374 (748)	15.5	2,741 (1,041)	-4.9	2,631 (989)
Elk Rapids Village	1,504	8.1	1,626	4.6	1,700	-3.4	1,642

Note: Parentheses () = Elk Rapids Township population less Village population.

Some of the population loss in the community may be attributed to a shift in housing ownership from year-round residents to vacationers, as the northwest Michigan region is well-known as a seasonal vacation destination. Moreover, Census figures likely do not account for the swell in seasonal summer residents, and such seasonal residents may potentially skew some Census counts (Table 2 includes data on seasonal dwelling trends). Nevertheless, many communities in Michigan, and the State overall, have experienced population decline over the last decade, which is primarily attributed to the recent economic downturn.

Figure 1. Rates of Population Change for Surrounding Communities, 1970 - 2010

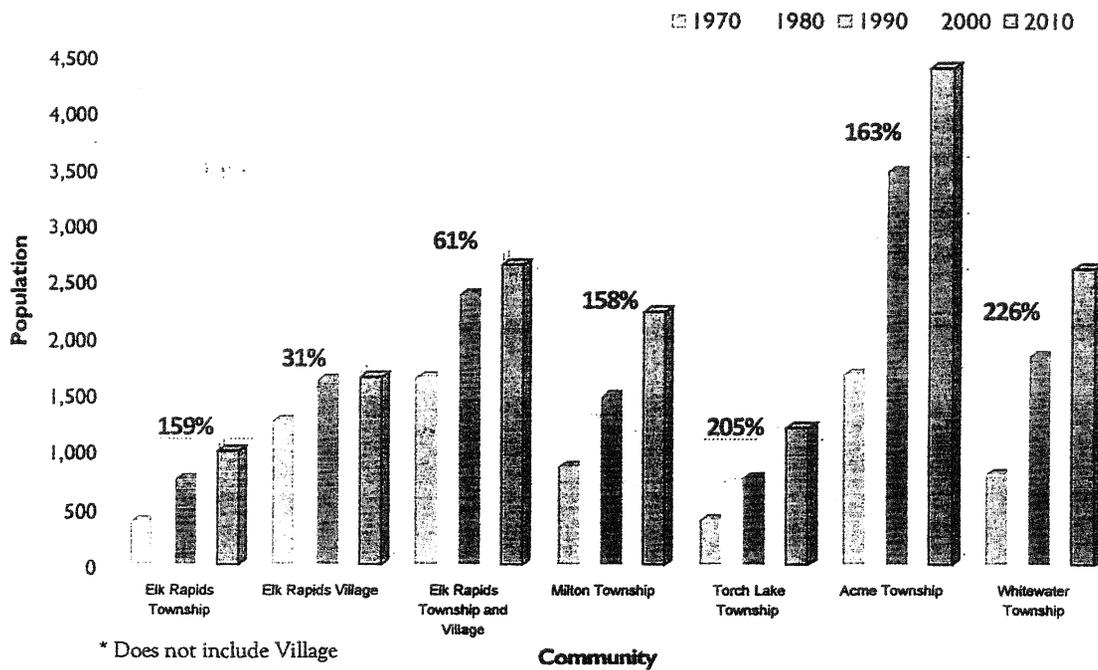


Figure 1 compares population change in the Elk Rapids community between 1970 and 2010 with that of neighboring communities. Note that the Census typically adds the population of a village to the population of a township when the village is within the township. Figure 1 accounts for this, and has included three separate columns to illustrate the population of the Village of Elk Rapids, Elk Rapids Township and both of them combined. All neighboring communities have grown rapidly since 1970; however, the last decade appears to have been the slowest growth period over the 40-year timeframe and both the Village and Township even declined in population during this period. The Village has experienced the slightest rate of population change compared to surrounding townships, which is typical for a small, fairly built-out older community.

Age Distribution

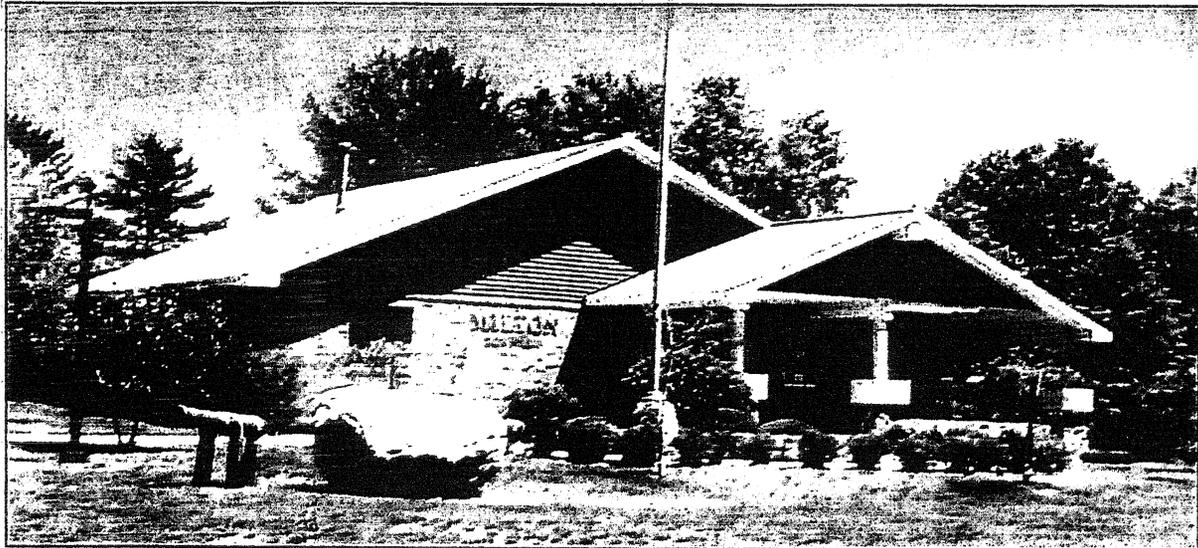
Information on age distribution within a community can assist in matching public services to community characteristics and in determining what, if any, special needs specific resident groups may have. Table 4 compares the age distribution of the Village of Elk Rapids, Elk Rapids Township, and Antrim County.

Table 4									
Age Distribution, 2000-2010									
Age	Village			Township			County		
	2000	2010	% Change	2000	2010	% Change	2000	2010	% Change
Under 5	77	66	(-14.3)	102	94	(-7.8)	1325	1155	(-12.8)
5 - 19	360	270	(-25.0)	551	440	(-20.1)	4801	4248	(-11.5)
20 - 24	62	60	(-3.2)	95	93	(-2.1)	969	914	(-5.8)
25 - 34	150	115	(-23.3)	225	171	(-24.0)	2379	2033	(-14.5)
35 - 44	244	152	(-37.7)	376	239	(-36.4)	3464	2629	(-24.1)
45 - 54	260	277	6.5	416	371	(-10.8)	3177	3628	14.2
55 - 59	108	139	28.7	196	217	10.7	1536	1934	25.9
60 - 64	100	142	42.0	180	235	30.6	1426	1823	27.8
65 & Over	339	471	38.9	600	771	28.5	4033	5216	29.3
Median Age	43.4	52.4	20.7	45.4	53.0	16.7	41.4	47.4	14.5

The 25-44 age brackets make up 16.3% of the Village population. This segment of the population is considered to be in their working years and likely to have school age children at home. The age bracket from 5-24 years of age incorporates the school age population and young working population, and makes up 20.2% of the Village population. The age bracket 45-64 years of age is considered to be the middle age, and makes up 30.9% of the Village population, and includes the "empty nesters" where children have moved out of the household. It is in the 60 years and older brackets that the greatest percentage of the population occurs, 37.3%. The percentage increase in this category is significantly higher than that of Elk Rapids Township or Antrim County, with the median age being slightly lower than the Township and higher than the County.

10/4/05

Milton Township Master Plan 2005



Milton Township,
Antrim County, Michigan

Prepared by the Milton Township
Planning Commission

With assistance from:
Grobbel Environmental & Planning Associates
232 E. Front St., Ste 7
Traverse City, MI 49684

Revised Final Draft: September 2005
Public Hearing: July 12, 2005
Adoption Date:

Milton Township

Community Description

Milton Township is rural and striking in its natural beauty, with extensive natural resources including: over ten miles of Torch Lake shoreline; approximately 8 miles of Elk Lake water front; over two miles of Lake Skegemog shoreline; over two miles of Torch River frontage; and over three miles of Lake Michigan frontage. The interior of Milton Township is adorned with highly productive agricultural land, primarily in fruit production with some specialty livestock, maple sugar, and nursery stock. A high glacial ridge runs along Northwest Torch Lake Drive above Torch Lake, presenting expansive water views, along with other locations, within the Township. The Township also possesses large blocks of upland hardwood forests, diverse wildlife habitat, rolling hills and meadows, wetlands, and prime and unique farmland. These natural resources contribute to a magnificent, mostly rural setting for people to live, work, and recreate within Milton Township.

The Township's population for the year 2000 was 2,072, as reported by the U.S. Census Bureau. Out of the fifteen townships in Antrim County, Milton Township had the fourth highest population in 2000. Also, U.S. Census data show that Milton Township has experienced continual population growth over the past three decades, with a substantial 41.1% increase from 1990 to 2000. Seasonal residents, visitors to private homes and rental cottages, and day tourists add significantly to the Township's population and economic base during summer months.

There are no incorporated villages or cities within the jurisdictional boundaries of Milton Township. The unincorporated hamlet of Kewadin, located at the northwestern edge of Milton Township, and the unincorporated settlement of the Torch River Bridge area, located at the southeastern entrance to Milton Township, are the busiest places within the Township. There are numerous parks, lake shore accesses, and other facilities representing recreational opportunity within the Township. A few nature preserves and conservation easements are owned or managed by the Grand Traverse Conservancy located within Milton Township. These properties contribute to the diverse landscape, unspoiled resources, and interesting history that make the Township a unique and special place.

Age Groups

Table 1 compares Milton Township population from 1990 to 2000. Milton Township's largest population segment in 1990 was comprised of Family Forming (20-44 years) persons at 29.7%. Milton Township's largest population segment in 2000 consisted of Mature Families (45-64 years) at 30.4%. Except for the preschool age group, there was growth in every age group with the greatest growth in mature families. This reflects the proportionately greater in-migration of older age groups into the Township. As Milton Township has a relatively small total year-round population, even a small spurt or influx by any age group could significantly alter the Township's age group composition.

Age Group	1990		2000		% Change	
	No.	Percent	No.	Percent	1990-2000	
					No.	Percent
Preschool Age (0-4 yrs)	84	5.7%	82	4.0%	-2	-1.2%
School Age (5-19 yrs)	294	20.0%	405	19.5%	111	37.8%
Family Forming (20-44 yrs)	436	29.7%	531	25.6%	95	21.8%
Mature Family (45-64 yrs)	361	24.6%	630	30.4%	269	74.5%
Seniors (65-74 yrs)	200	13.6%	267	12.9%	67	33.5%
Elderly (75+ yrs)	93	6.3%	157	7.6%	64	68.8%
Total	1,468	100.0%	2,072	100.0%	604	41.1%

Source: 1990 and 2000 U.S. Census

Table 2 compares Milton Township's population with that of Antrim County and the State of Michigan. Milton Township has a lower percentage of preschool children, school-aged children, and family forming aged persons than Antrim County and the State of Michigan. Milton Township also has a significantly higher percentage of mature families and retirement age persons than the State of Michigan or Antrim County. These comparisons also support the finding that an increasing trend in Townships residents' age currently exists within Milton Township.

Age Groups	Milton Twp.	Milton Twp.	Antrim County	State of Michigan
Preschool (under 5 years)	82	4.0%	5.7%	6.8%
School Age (5-19 years)	405	19.5%	20.8%	22.2%
Family Forming (20-44 years)	531	25.6%	29.5%	36.3%
Mature Family (45-64 years)	630	30.4%	26.5%	22.5%
Retirement Age (65 years & older)	424	20.5%	17.5%	12.3%
TOTALS	2,072	100%	100%*	100%*

Source: U.S. Census 2000.

*Figures provided by U.S. Census do not equal exactly 100%.

Population Trends

Table 4 tracks population trends over the thirty-year period from 1970 to 2000, comparing Milton Township with Antrim County, the Northwest Region of Michigan (including ten counties)¹, and the State of Michigan.

Community	1970	1980	1990	2000	1990 to 2000 Percent Increase
Milton Township	853	1,271	1,468	2,072	41.1%
Antrim County	12,612	16,194	18,185	23,110	27.1%
Northwest Michigan Region	158,333	208,286	230,962	281,468	21.9%
State of Michigan	8,880,812	9,262,078	9,295,297	9,938,444	6.9%

Source: U.S. Census 2000.

Milton Township's population increase (41.1%) nearly twice that of Antrim County (27.1%) and Northwest Michigan (21.9%) during the 1990s, suggesting its relatively low population before 1970 and its subsequent "discovery" as a desirable place to live, work, and recreate. The State of Michigan increased only 6.9% during the period of 1990 to 2000.

Table 5 represents demographic trends from 1990 to 2000 within Antrim County as a whole. All townships within the county are grouped into small geographic subgroups. Note that populations within listed cities and villages are included in township totals.

Population Projections

Table 7 presents population projections for 2010 and 2020. Estimating future population numbers helps in planning for community services, recreation, and public facilities needs to adequately serve the additional Township residents while retaining the essential community character and natural resources.

Using a straight-line population projection method based on recent growth trends, produced a mid-range population projection estimate for Milton Township. The straight-line arithmetic method assumes the population will grow in a linear fashion, based on the past ten years.

Entity	1990 Census	2000 Census	1990-2000 Change		2010 Projection	2020 Projection
			#	%		
Milton Township	1,468	2,072	604	41.1%	2,676	3,280
Elk Rapids Township	2,374	2,741	367	15.5%	3,108	3,475
Torch Lake Township	762	1,159	397	52.1%	1,556	1,953
Helena Township	837	878	41	4.9%	919	960
Forest Home Township	1,410	1,858	448	31.8%	2,306	2,754
Village of Elk Rapids	1,626	1,700	74	4.6%	1,774	1,848
Antrim County	18,185	23,110	4,925	27.1%	28,035	32,960

Source: 1990 and 2000 U.S. Census

Using this population projection method (and recognizing its limitations), the population for Milton Township could be 2,675 by year 2010 and 3,275 by the year 2020.

There are many factors that influence population growth, although most are not easily quantifiable. However, based on the fact that Milton Township possesses two hamlet population centers (Kewadin and Torch River), exists two miles north of the Village of Elk Rapids (a local population/employment center), and approximately sixteen miles north of the City of Traverse City (a regional population/employment center), it is reasonable to project that Milton Township will continue to grow significantly. Charlevoix is 32 miles to the north from the northern edge of Milton Township, and Kalkaska is approximately 13 miles to the southeast. These cities are also considered within commuting distance of Milton Township.

Given these trends and projections, it is likely that Milton Township will continue to be an attractive rural area in which to settle through the year 2020. Although Milton Township has no public sewer or water services, it does possess numerous available future home sites and an abundant number of residential lots two acres and larger. Its year-round attraction as a prime recreational area close to lakes, beaches, ski hills, golf courses, and other recreational features, as well as full-time employment opportunities, add to its attractiveness for seasonal and permanent housing.

CONTRACT FOR RESCUE SERVICES

THE PARTIES AGREE AS FOLLOWS:

SERVICES

1. Elk Rapids Township shall provide rescue services found in Milton Township in the same manner that these services are provided in Elk Rapids Township.

USER FEES

2. Elk Rapids Township shall set the user fees. However the same fees shall be charged in both townships.

CHARGES TO MILTON TOWNSHIP

3. Milton Township shall pay to Elk Rapids Township the difference between the rescue department budget for the next year and the estimated amount of user fees which will be collected in the next year. It shall be multiplied by that proportion which Milton Township's population bears to the combined population of Milton Township and Elk Rapids Township. The rescue department's budget is deemed to be that amount as determined by Elk Rapids Township. The estimated user fees which will probably be collected during the next year shall be determined by multiplying the average number of rescue runs in both townships over the preceding three years multiplied by the user fee per run which, in turn, shall be multiplied by seventy-five percent (75%). This latter percentage reflects the fact that all user fees will not be collected. The charges to Milton Township for the next year shall be determined on or about November 1 of each year by a meeting between representatives of both townships. The annual charge shall be paid to Elk Rapids Township quarterly with payments due on or about January 1, March 1, June 1, and September 1.

TERM OF CONTRACT

4. This contract shall continue until terminated by one party upon sixty days (60) written notice to the other.

EFFECTIVE DATE

5. The rescue required by this contract shall be provided by Elk Rapids Township commencing January 1, 1987. The parties shall determine the charges to Milton Township for 1987 as soon as practicable after the execution of this contract.

The Township of Elk Rapids has executed this Agreement on the _____ day of _____, 1986 pursuant to a motion duly passed as a regular meeting of the Township Board on _____ 1986.

Ronald Grammer, Township Supervisor

Robert Brugger, Township Clerk

The Township of Milton has executed this Agreement on the _____ day of _____, 1986 pursuant to a motion duly passed as a regular meeting of the Township Board on _____ 1986.

Lon Bargy, Township Supervisor

Merris Fox, Township Clerk

TORCH LAKE TOWNSHIP LAND USE PLAN

Adopted by Torch Lake Township
Planning Commission, November 13, 2012

A. Torch Lake Township

Torch Lake Township is located in Antrim County. It is approximately 30 miles north of Traverse City, with Highway US-31 running 9 miles from the south to the north township boundary. Torch Lake Township is a resort - recreational area located in heart of what is commonly referred to as the "gold coast" or "sunset coast" of Michigan. Torch Lake Township is bounded by two very popular lakes, Lake Michigan (Grand Traverse Bay) on the west and Torch Lake on the east. In addition to the water based recreational activities, down hill and cross country skiing, snowmobiling, hunting and fishing are many of the recreational activities that are available either within or in close proximity to Torch Lake Township. Torch Lake is considered to be one of the most beautiful lakes in the world. It was once called Was-wah-go-ning or "lake of torches" by the Native Americans who used torches to aid in the spearing of whitefish and trout.

Torch Lake Township is in excess of 9,600 acres in area and has a population of approximately 1,266 residents. The township has become an increasingly desirable place to live because of its rolling hills, scenic views, abundant water frontage, proximity to Traverse City and green space provided by over 5,500 acres of farmland and wooded areas. Much of the farmland is considered prime and unique. It is a means of employment for many in the township and provides strong incentives for careful planning for the future uses of land.

POPULATION TRENDS 1960 - 2010

	<u>1960</u>	<u>1970</u>	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2010</u>
Township Population	296	391	703	762	1,159	1,194
Increase/Decade						
Numeric Change	-10	95	312	59	397	35
Percent Change	-3.3	32.1	79.8	8.4	52.1	3.0
County Population	10,373	12,612	16,194	18,185	23,110	23,580
Increase/Decade						
Numeric Change	-348	2,239	3,582	1,991	4,925	470
Percent Change	-3.2	21.6	28.4	12.3	27.1	2.0

Source: U.S. Census Bureau, Profile of General Population for the respective years listed.

The population of Torch Lake Township has increased in the past and will likely continue to increase into the future, with no consistent trends being evident. Population projections made in the late 1990's forecast a percentage rate gain between 1990 and the year 2000 of approximately 8.4% with the actual rate of population growth being a more than 52% increase by the year 2000. If the population trend evidenced between the years 2000 and 2010 continues (i.e. growth at 2.0%), the Township population may only increase by 36 new residents to a total of 1,266 by 2020.

A portion of the increase in the permanent population between 1990 and 2000 may have been impacted by "Proposal A", a statewide change in method of financing schools in Michigan. Permanent residents receive a reduction in property taxes used for funding schools. Northern Michigan lake frontage has a higher value than many down state residential properties. As a result, some downstate residents may be classifying their most expensive residential property as their year round place of residence, even though they may spend more time downstate or at out of state locations.

Thereby, some percentage of the "new" residents that were counted in the 2000 Census were individuals changing their reported place of residence to their seasonal residence to take advantage of the reduction in property taxes. This expectation of change in classification of permanent residence is based upon the desire of the typical property owner to reduce property taxes, and has been supported by conversations with township supervisors, assessors, equalization department staffs throughout northern Michigan.

In addition to the slightly increasing number of Torch Lake Township residents, their ages are also increasing. The median age of the Township residents has steadily increased from 37.9 years of age in 1980, 42.9 years in 1990, 51.8 years in 2000, and 59.8 years of age in 2010. The median age of Antrim County residents for the same period was 32.4 in 1980, 36.8 in 1990, 41.1 in 2000 and 47.4 years of age in 2010. The median age of the population within the State of Michigan was 38.9 years in 2010.

MEDIAN AGE

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2010</u>
Torch Lake Township residents	37.9	42.9	51.8	59.8
Antrim County residents	32.4	36.8	41.1	47.4
State of Michigan	30.0	32.8	36.5	38.9

Source: U.S. Census Bureau, Profile of General Population and Housing Characteristics for the years listed.

Generally, the most expensive segments of the population from the standpoint of providing governmental services are the young (education) and the elderly (medical care). While the Township does not pay educational costs, the Township does support Emergency Medical Services in the form of ambulance and basic life support services. At the time of this 2102 update, the Torch Lake Township Board is pursuing the implementation of advanced life support services within the Township.

The number of persons per household has declined steadily in Torch Lake Township. Specifically, in 1980 2.58 persons resided in the average household in Torch Lake Township, which dropped to 2.48 persons in 1990, to 2.3 persons in 2000, and 2.0 persons per household by 2010. The number of persons per household in Antrim County was 2.36 persons in 2010.

While the household size is decreasing, the population of Torch Lake Township is slightly increasing, which results in increasing density for the township as a whole. With no village or community center which attracts residential growth in Torch Lake Township, the additional year round residents are not locating in a specific area but are much more likely to be turning seasonally used dwellings into year round residences along both Lake Michigan and Torch Lake. As a result, the increase in density is not noticeable to any great extent as the property being inhabited was in many cases, already developed. Torch Lake Township possesses 15.2 square miles, and Antrim County is comprised of 477 square miles.

Seasonal Population

Seasonal population can and does have a considerable influence upon the population level of many townships in northern Michigan. This is especially true during the summer months for townships having large amounts of lake frontage in relation to the amount of land area, as is the case in Torch Lake Township with Lake Michigan and Torch Lake serving as its respective western and eastern boundaries.

Seasonal population numbers vary considerably by season and are impacted by the weather during each season. A wet, rainy summer will reduce the amount of time second home owners will spend in Torch Lake Township during the summer. Hot, humid weather for a continued period of time during the summer and fall months will result in people taking advantage of second homes or rental cabins. An early, harsh winter will result in many residents leaving for warmer climates.

The seasonal population numbers are impacted by the housing available to accommodate them. Most of our seasonal population resides in their second homes while a smaller number utilize cabins and other rental accommodations, some camp in Eastport at the Barnes Park Campground, with the remainder staying with friends and relatives.

Future peak populations are the sum of permanent and seasonal residents staying overnight. The peak population periods occur during the months of June, July and August. The "Northwest Michigan Seasonal Population Model", a study conducted in 1996 to determine seasonal population numbers found the annual seasonal population in Antrim County, averages 22% with highs of 37%, 38% and 39% during the months of June, July and August, respectively. Given the large number of lakefront homes in Torch Lake Township, the number may be even greater in the Township.

During a peak day or weekend in the summer, the peak population could very easily double or triple the year round population given that only one third of the dwelling units are considered as being the normal place of residence for the purposes of the decennial Census of Population.

PEAK DAY POPULATION FORECAST*

Year	Permanent Population	Vacant or Seasonal Dwellings	Seasonal Population	Total Population
1990	762	634	2,003	2,765
2000	1,159	636	2,010	3,169
2010	1,194	748	2,364	3,558

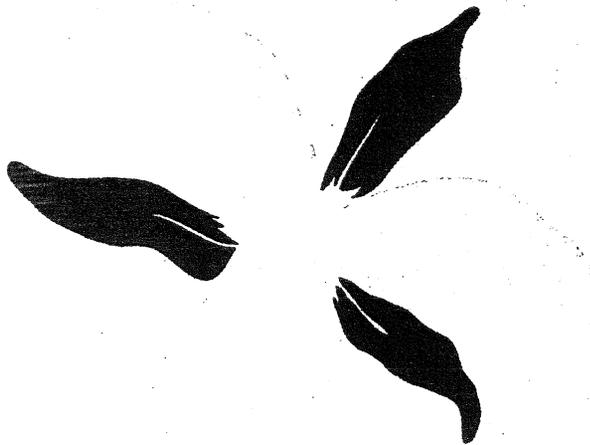
*Based upon available housing and a statewide average of 3.16 persons per family in 1990.

Sources: Community Planning Assistance, 2004, and U.S. Census Bureau.

Respondents to the 2010 Torch Lake Township Public Opinion Survey identifies as 53.5% full time residents and 46.5% part time residents. Similarly, 56.8% self identified as being registered voters in Torch Lake Township, as opposed to 43.2% of respondents were registered to vote elsewhere.

Respondents to the 2010 Torch Lake Township Public Opinion Survey also reported that merely 4.5% have children in Elk Rapids public schools (none in Central Lake schools), while 95.5% reported that they do not.

ANTRIM COUNTY DIRECTORY



2013

**BELLAIRE, MI 49615
www.antrimcounty.org**

Compiled by
SHERYL A. GUY
COUNTY CLERK

2010 CENSUS FIGURES

Townships

Banks	1,609
Central Lake	2,198
Chestonia	511
Custer	1,136
Echo	877
Elk Rapids	2,631
Forest Home	1,720
Helena	1,001
Jordan	992
Kearney	1,765
Mancelona	4,400
Milton	2,204
Star	926
Torch Lake	1,194
Warner	416
Total	<hr/> 23,580

Villages

Bellaire	1,086
Central Lake	952
Elk Rapids	1,642
Ellsworth	349
Mancelona	1,390

ELK RAPIDS AMBULANCE SERVICE HISTORY

Service Initiated: (Volunteer)	Winter 1964
First Full Size Ambulance	1975
Basic Life Support License	1983
Fire Department became effective	January 1, 1987
In station EMT 12 hours per day	2006
Limited Life Support License	2007
In station 2 staff member 24 hour per day	2011
Advances Life support – Paramedics	December 2012

Elk Rapids Township Ambulance
Milton Township Meeting January 13, 2014
Elk Rapids Township Meeting January 14, 2014

Total Dispatches for December 2013 – 36
Total Dispatches 2013 – 499
Total Dispatches 2012 – 446
Total Dispatches to Intercept/Torch Lake EMS for 2013 – 26
Total Transported Patients – 288

Complaint Reported by Dispatch
See Attached Report

Incident Disposition by Age
Breakdown as follows for the period of Jan 1, 2013 thru December 31, 2013
0- 10 years – 21
11-20 years – 25
21-30 years – 31
31-40 years – 18
41-50 years – 28
51-60 years – 37
61-70 years – 50
71 years or older - 252

ELK RAPIDS AMBULANCE

2013

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
RUNS													
ER Village	12	11	20	13	12	13	23	32	22	21	16	8	203
ER Township	9	10	6	5	6	9	9	14	11	7	8	6	100
Milton Township	11	5	7	8	3	14	31	31	8	8	9	18	153
Torch Lake Township	2	1	1	0	2	7	4	5	2	4	3	3	34
Helena Township	0	1	0	0	0	0	1	0	0	0	0	0	2
Kalkaska County	0	0	0	0	0	0	1	1	0	0	0	0	2
Grand Traverse County	0	0	0	0	0	1	1	1	0	0	1	1	5
Total	34	28	34	26	23	44	70	84	43	40	37	36	499
DISPATCH TIMES													
6:00 AM - 8:00 AM	2	2	3	3	2	2	3	4	1	1	3	7	33
8:00 AM - 10:00 AM	4	3	2	3	3	6	8	7	4	4	3	6	53
10:00 AM - 12:00 PM	6	2	2	1	2	6	5	11	7	5	4	6	57
12:00 PM - 2:00 PM	2	5	4	2	3	2	5	5	0	1	3	4	36
2:00 PM - 4:00 PM	2	2	7	4	2	3	10	7	4	6	5	2	54
4:00 PM - 6:00 PM	4	4	2	4	4	11	5	13	5	5	6	3	66
6:00 PM - 12:00 AM	8	6	11	6	7	10	28	29	12	13	10	3	143
12:00 AM - 6:00 AM	6	4	3	3	0	4	6	8	10	5	3	5	57
Total	34	28	34	26	23	44	70	84	43	40	37	36	499
PERCENTAGE													
6:00 AM - 6:00 PM	58.82%	64.29%	58.82%	65.38%	69.57%	68.18%	51.43%	55.95%	48.84%	55.00%	64.86%	77.78%	59.92%
6:00 PM - 12:00 AM	23.53%	21.43%	32.35%	23.08%	30.43%	22.73%	40.00%	34.52%	27.91%	32.50%	27.03%	8.33%	28.66%
12:00 AM - 6:00 AM	17.65%	14.29%	8.82%	11.54%	0.00%	9.09%	8.57%	9.52%	23.26%	12.50%	8.11%	13.89%	11.42%

ELK RAPIDS AMBULANCE

2013

	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Total
RUNS													
ER Village	13	12	13	23	32	22	21	16	8	0	0	0	160
ER Township	5	6	9	9	14	11	7	8	6	0	0	0	75
Milton Township	8	3	14	31	31	8	8	9	18	0	0	0	130
Torch Lake Township	0	2	7	4	5	2	4	3	3	0	0	0	30
Helena Township	0	0	0	1	0	0	0	0	0	0	0	0	1
Kalkaska County	0	0	0	1	1	0	0	0	0	0	0	0	2
Grand Traverse County	0	0	1	1	1	0	0	1	1	0	0	0	5
Total	26	23	44	70	84	43	40	37	36	0	0	0	403
DISPATCH TIMES													
6:00 AM - 8:00 AM	3	2	2	3	4	1	1	3	7	0	0	0	26
8:00 AM - 10:00 AM	3	3	6	8	7	4	4	3	6	0	0	0	44
10:00 AM - 12:00 PM	1	2	6	5	11	7	5	4	6	0	0	0	47
12:00 PM - 2:00 PM	2	3	2	5	5	0	1	3	4	0	0	0	25
2:00 PM - 4:00 PM	4	2	3	10	7	4	6	5	2	0	0	0	43
4:00 PM - 6:00 PM	4	4	11	5	13	5	5	6	3	0	0	0	56
6:00 PM - 12:00 AM	6	7	10	28	29	12	13	10	3	0	0	0	118
12:00 AM - 6:00 AM	3	0	4	6	8	10	5	3	5	0	0	0	44
Total	26	23	44	70	84	43	40	37	36	0	0	0	403
PERCENTAGE													
6:00 AM - 6:00 PM	65.38%	69.57%	68.18%	51.43%	55.95%	48.84%	55.00%	64.86%	77.78%	#DIV/0!	#DIV/0!	#DIV/0!	59.80%
6:00 PM - 12:00 AM	23.08%	30.43%	22.73%	40.00%	34.52%	27.91%	32.50%	27.03%	8.33%	#DIV/0!	#DIV/0!	#DIV/0!	29.28%
12:00 AM - 6:00 AM	11.54%	0.00%	9.09%	8.57%	9.52%	23.26%	12.50%	8.11%	13.89%	#DIV/0!	#DIV/0!	#DIV/0!	10.92%

ACCUMEDWEB ADMINISTRATION

(Data capture in progress)

[AccuMedWeb Reports Main]

StartTime

EndTime

[View Report](#)

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Elk Rapids Township Ambulance

Complaint Reported by Dispatch

Begin Date Range: 1/1/2013 12:00:00 AM
 End Date Range: 12/31/2013 12:00:00 AM

Complaint Reported	Percentage of Total	Total Complaints
Fall Victim	10.65 %	54
Other	9.86 %	50
Breathing Problem	9.07 %	46
Chest Pain	7.89 %	40
Sick Person	7.10 %	36
Lift Assist	6.71 %	34
Traffic Accident	5.33 %	27
Altered LOC	4.73 %	24
Stroke/CVA	4.14 %	21
Unconscious/Fainting	4.14 %	21
Abdominal Pain	2.76 %	14
Traumatic Injury	2.76 %	14
Convulsions/Seizure	2.56 %	13
Transfer/Interfacility/Palliative Care	2.37 %	12
Hemorrhage/Laceration	2.17 %	11
Not Provided	2.17 %	11
Diabetic Problem	1.97 %	10
Cardiac Arrest	1.78 %	9
Headache	1.78 %	9
Life Line Alert	1.58 %	8
Psychiatric Problem	1.18 %	6
Unknown Problem Man Down	1.18 %	6
Ingestion/Poisoning	0.99 %	5
Allergies	0.79 %	4
Back Pain	0.79 %	4
Heart Problems	0.59 %	3
Pregnancy/Childbirth	0.59 %	3
Assault	0.39 %	2
Burns	0.39 %	2
Drowning	0.39 %	2
Public Assist	0.39 %	2
Animal Bite	0.20 %	1
Choking	0.20 %	1
Heat/Cold Exposure	0.20 %	1
Stab/Gunshot Wound	0.20 %	1
Total:	100 %	507

ELK RAPIDS AMBULANCE							
Dispatches per Year History							
	2007	2008	2009	2010	2011	2012	2013
RUNS							
ER Village	208	160	205	184	192	244	203
ER Township	55	85	77	81	84	79	100
Milton Township	127	111	106	115	139	111	153
Torch Lake Township	1	1	0	2	4	2	34
Helena Township			1	0	2	0	2
Kalkaska County	1	1	1	0	0	1	2
Grand Traverse County	1	5	3	5	13	9	5
Total	393	363	393	387	434	446	499
DISPATCH TIMES							
6:00 AM - 8:00 AM	27	25	32	23	18	22	33
8:00 AM - 10:00 AM	45	45	26	34	42	51	53
10:00 AM - 12:00 PM	47	45	53	43	65	51	57
12:00 PM - 2:00 PM	40	38	41	46	54	44	36
2:00 PM - 4:00 PM	41	36	33	36	57	50	54
4:00 PM - 6:00 PM	53	34	46	47	47	50	66
Other (6:00 PM - 6:00 AM)*	140	140	162	158			
6:00 PM - 12:00 AM					112	122	143
12:00 AM - 6:00 AM					39	56	57
Total	393	363	393	387	434	446	499
PERCENTAGE							
6:00 AM - 6:00 PM	64.38%	61.43%	58.78%	59.17%	65.21%	60.09%	59.92%
6:00 PM - 6:00 AM	35.62%	38.57%	41.22%	40.83%	34.79%	39.91%	40.08%
*2007-10 PM data was only kept as 6:00 PM - 6:00 AM							