

2018 Leelanau County Questionnaire Final Report

September 25, 2018

This report was prepared by the
Land Information Access Association (LIAA)



BACKGROUND

In 2018, the Leelanau County Planning Commission contracted with the Land Information Access Association (LIAA) to assist in the development and facilitation of an online county-wide questionnaire. The results of the questionnaire will be used by the Planning Commission to help inform the development of a new Master Plan for the County.

This report offers detailed results of the questionnaire. The report shows the survey results for each question, with a number of tables representing different subgroups of the survey respondents. A full copy of the questionnaire can be found in *Appendix A*.

In addition, results of the questionnaire were tabulated for:

- Each individual jurisdiction: *Appendix C*
- Each individual school and all schools combined: *Appendix D*

ABOUT THE QUESTIONNAIRE

On May 10, 2018, the online questionnaire was officially opened for public interaction at www.MyLeelanau.info.

On May 30, 2018, postcard invitations (see *Appendix B*) encouraging participation in the online questionnaire were mailed to 17,149 addresses throughout Leelanau County. In an attempt to reach as many homeowners and residents as possible, the postcards were mailed to all property owners and registered voters within the county.

In an effort to solicit opinions from the youth of Leelanau County, a link to the survey was also provided to the superintendent and/or principal of each public/private middle school and high school within Leelanau County.

The online questionnaire was officially closed on June 26, 2018. In total, 1,607 questionnaires were started and 1,412 were fully completed.

There were 295 questionnaire respondents that identified themselves as students (though only 275 respondents completed the student section of the questionnaire). The other 1,312 respondents most likely came from the postcard mailing, a response rate to the postcard of greater than 7.5%.

Demographics

The following tables summarize the demographic information of the respondents to the questionnaire.

Question 1. Please choose the best description of yourself from the following list:

Table 1. Question 1 for All Respondents

	Percent	Total
I am a student in middle school, high school or college	18.40%	295
I live year-round in Leelanau County	49.47%	793
I live seasonally in Leelanau County	17.59%	282
I own property in Leelanau County but do not live in Leelanau County	14.54%	233

If the respondent answered *I am a student in middle school, high school or college* in question one, the respondent was then asked to answer four additional questions (questions 2, 3, 4 and 5).

Question 2. Are you a student in?

Table 2. Question 2 for Student Respondents

	Percent	Total
Middle School (6th, 7th or 8th grade)	17.39%	48
High School (9th, 10th, 11th or 12th grade)	80.80%	223
College	1.81%	5

Question 3. Which school do you currently attend?

Table 3. Question 3 for Student Respondents

	Percent	Total
Leland Public School	45.82%	126
Glen Lake Public School	24.00%	66
Northport Public School	0.00%	0
Suttons Bay Public School	18.55%	51
Pathfinder	0.00%	0
Leelanau School	0.00%	0
St Mary School	9.45%	26
Homeschool	0.73%	2
Northwestern Michigan College	0.73%	2
Other College or University	0.73%	2

**Question 4. After finishing your education, how likely are you to do the following?
Please choose the one option that most closely matches your opinion for each item.**

Table 4 shows the results for Question 4 for all student respondents. Several key results from the questionnaire are listed below.

- Roughly 60% of student respondents are *very likely* or *likely* to live in Leelanau County upon finishing their education.
- Roughly 45% of student respondents are *very likely* or *likely* to live in the Grand Traverse region upon finishing their education.
- Just under half (48%) of student respondents are *very likely* or *likely* to begin working in Leelanau County upon finishing their education.
- Just under half (48%) of student respondents are *very likely* or *likely* to begin working in the Grand Traverse region upon finishing their education.
- Roughly 63% of student respondents are *very likely* or *likely* to move away from the area upon finishing their education.
- Roughly 76% of student respondents are *very likely* or *likely* to travel upon finishing their education.

Table 4. Question 4 for Student Respondents

	Very Likely		Likely		Unlikely		Very Unlikely		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Live in Leelanau County	14.84%	38	46.09%	118	31.25%	80	7.81%	20	256
Live in the Grand Traverse region	9.35%	23	36.59%	90	42.28%	104	11.79%	29	246
Begin working in Leelanau County	14.92%	37	33.47%	83	40.73%	101	10.89%	27	248
Begin working in the Grand Traverse region	11.20%	27	37.34%	90	37.76%	91	13.69%	33	241
Move away from the area	26.15%	68	37.31%	97	28.08%	73	8.46%	22	260
Travel	29.20%	73	47.20%	118	17.60%	44	6.00%	15	250

Question 5. As you approach a decision to stay in or leave the Grand Traverse region after your education, how important are the following things to your decision-making process? Please choose one option that most closely matches your opinion for each item.

Table 5 shows the results for Question 5 for all student respondents. Several key results from the questionnaire are listed below.

- A significant majority of student respondents indicated the following factors are either *very important* or *important* in their decision to stay in or leave the Grand Traverse region after their education: available jobs in your area of interest (94%); wages and the ability to earn a living (95%); housing availability and cost (95%); and the availability of urban services such as health care, shops and restaurants (90%).
- A majority (68%) of student respondents indicated that rural character of the region is either *very important* or *important* in their decision to stay in or leave the Grand Traverse region after their education. However, it was the lowest rated factor of the 10 options listed.
- Roughly 28% of student respondents indicated that proximity to the Great Lakes or inland lakes and rivers was *very unimportant* or *unimportant* in their decision to stay in or leave the Grand Traverse region after their education.
- Roughly 23% of student respondents indicated that the availability of nightlife or places for social interaction was *very unimportant* or *unimportant* in their decision to stay in or leave the Grand Traverse region after their education.

Table 5. Question 5 for Student Respondents

	Very Important		Important		Unimportant		Very Unimportant		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Available jobs in your area of interest	57.20%	155	37.27%	101	4.06%	11	1.48%	4	271
Availability of continuing educational opportunities	37.50%	99	48.11%	127	13.26%	35	1.14%	3	264
Wages and the ability to earn a living	64.75%	169	31.03%	81	2.68%	7	1.53%	4	261
Availability of nightlife or places for social interaction	30.68%	81	45.45%	120	20.45%	54	3.41%	9	264
Housing availability and cost	57.03%	150	38.78%	102	3.04%	8	1.14%	3	263
Location of family members or friends	38.20%	102	42.70%	114	17.60%	47	1.50%	4	267
Availability of outdoor recreation experiences	33.59%	88	48.09%	126	15.27%	40	3.05%	8	262
Proximity to the Great Lakes or inland lakes and rivers	32.21%	86	38.95%	104	23.60%	63	5.24%	14	267
Rural character of the region	18.46%	48	50.38%	131	24.23%	63	6.92%	18	260
Availability of urban services (e.g., health care, shopping or restaurants)	40.60%	108	49.62%	132	7.14%	19	2.63%	7	266

Question 6. In which municipality do you live or own property?

Table 6. Question 6 for All Respondents

	Percent	Total
Bingham Township	8.78%	137
Centerville Township	6.02%	94
Cleveland Township	7.11%	111
Elmwood Township	12.24%	191
Empire Township	6.53%	102
Glen Arbor Township	9.74%	152
Kasson Township	4.93%	77
Leland Township	11.34%	177
Leelanau Township	11.92%	186
Solon Township	3.97%	62
Suttons Bay Township	9.35%	146
Village of Empire	0.96%	15
Village of Suttons Bay	2.82%	44
Village of Northport	2.88%	45
Not Sure	1.41%	22

Table 6b. Question for All Respondents, by Jurisdiction

	Percent	Total	Est. Population*	Percent Response
Bingham Township	8.78%	137	2,498	5%
Centerville Township	6.02%	94	1,311	7%
Cleveland Township	7.11%	111	1,093	10%
Elmwood Township	12.24%	191	4,530	4%
Empire Township	6.53%	102	1,221	8%
Glen Arbor Township	9.74%	152	625	24%
Kasson Township	4.93%	77	1,424	5%
Leland Township	11.34%	177	2,205	8%
Leelanau Township	11.92%	186	1,874	10%
Solon Township	3.97%	62	1,612	4%
Suttons Bay Township	9.35%	146	2,991	5%
Village of Empire	0.96%	15	363	4%
Village of Suttons Bay	2.82%	44	540	8%
Village of Northport	2.88%	45	556	8%
Not Sure	1.41%	22		

* 2012 – 2016 American Community Survey (ACS) Population Estimates. US Census Bureau

Question 7. Are you a registered voter in Leelanau County?

Table 7a. Question 7 for All Respondents

	Percent	Total
Yes	50.48%	783
No	49.52%	768

Table 7b. Question 7 for All Non Student Respondents

	Percent	Total
Yes	59.76%	762
No	40.24%	513

Question 8. What is your age group?

Table 8 shows the results for Question 8 for all respondents. Several key results from the questionnaire are listed below.

- Roughly 68% of all the respondents were 51 years old or older.
- Roughly 32% of all the respondents were 50 years old or younger.
- Roughly 19% of all the respondents were under 18 years old.

Table 8. Question 8 for All Respondents

	Percent	Total
Under 18	19.13%	296
18-25	1.62%	25
26-35	2.52%	39
36-50	8.79%	136
51-65	33.48%	518
Over 65	34.45%	533

Question 9. What is your employment status?

Table 9. Question 9 for All Respondents

	Percent	Total
Full-Time Student	13.11%	201
Employed, Full-Time (not self-employed)	23.03%	353
Employed, Part-Time (not self-employed)	9.20%	141
Self-Employed	13.63%	209
Unemployed and Seeking Work	0.85%	13
Unemployed, not Seeking Work	1.17%	18
Retired	39.01%	598

Question 10. Where do you work?

Table 10 shows the results for Question 10 for all respondents. Just over 35% of respondents noted they physically work outside of Leelanau, Grand Traverse and Benzie counties. Of the respondents who answered “other,” 12% live year-round in Leelanau County, 37% live seasonally in Leelanau County and 46% own property in Leelanau County, but don’t live in Leelanau County.

Table 10. Question 10 for All Respondents

	Percent	Total
Leelanau County	36.47%	260
Grand Traverse County	16.69%	119
Benzie County	0.70%	5
Other	35.34%	252
Work from home, but company located outside Leelanau, Grand Traverse and Benzie Counties	10.80%	77

Question 11. Approximately how far is your commute from home to work, one way?

Table 11 shows the results for Question 11 for all respondents. Several key results from the questionnaire are listed below.

- Roughly 59% of all the respondents travel 10 miles or less one way from home to work, or roughly 20 minutes of daily commute time.
- Roughly 8% of all the respondents have more than a 30-mile commute one way from home to work, or roughly an hour (or more) of daily commute time.

Table 11. Question 11 for All Respondents

	Percent	Total
Under 5 miles	37.01%	248
5 to 10 miles	21.94%	147
10 to 20 miles	19.70%	132
20 to 30 miles	13.43%	90
30 to 40 miles	3.13%	21
Over 40 miles	4.78%	32

Question 12. What is your household income?

Table 12a shows the results for Question 12 for all respondents. Table 12b shows the results for Question 12 for all respondents over 51 years of age. According to median household income statistics from the 2012-2016 US Census American Community Survey, the Median Household Income for Leelanau County is \$59,018. Roughly 28% of all respondents have a household income of less than \$60,000. Roughly 71% of all respondents have a household income more than \$60,000.

Table 12a. Question 12 for All Respondents

	Percent	Total
Under \$20,000	3.63%	45
\$20,000-\$39,999	10.65%	132
\$40,000-\$59,999	13.96%	173
\$60,000 or above	71.75%	889

Table 12b. Question 12 for All Respondents 51 Years and Older

	Percent	Total
Under \$20,000	2.19%	21
\$20,000-\$39,999	8.86%	85
\$40,000-\$59,999	13.24%	127
\$60,000 or above	75.70%	726

Question 13. How many children under 18 years old are living in your household?

Table 13. Question 13 for All Respondents

	Percent	Total
None	80.47%	1,071
1	7.21%	96
2	6.91%	92
3	3.76%	50
More than 3	1.65%	22

Table 13a. Question 13 for All Respondents, Except for Survey Responders Identified as “Students” and “Retired”

	Percent	Total
None	72.90%	460
1	10.78%	68
2	10.62%	67
3	3.96%	25
More than 3	1.74%	11

Question 14. How many children over 18 years old are living in your household?

Table 14. Question 14 for All Respondents

	Percent	Total
None	85.44%	1,138
1	10.14%	135
2	3.38%	45
3	0.60%	8
More than 3	0.45%	6

Question 14. How many children over 18 years old are living in your household?

Table 14a. Question 14 for All Respondents, Except for Survey Responders Identified as “Students” and “Retired”

	Percent	Total
None	81.62%	515
1	13.31%	84
2	4.12%	26
3	0.63%	4
More than 3	0.32%	2

Leelanau County’s Character

Question 15. What are the most important qualities of Leelanau County?

Please choose the one option that most closely matches your opinion for each item.

Table 15a shows the results of Question 15 for all survey respondents. Tables 15b and 15c show the results of Question 15 for student and non-students respondents respectively.

In general, a large percentage of all survey respondents identified water quality (86%) and access to Lake Michigan and inland lakes (75%) as *very important* qualities of Leelanau County. These two characteristics ranked the highest for both student and non-student questionnaire respondents.

For non-student respondents, scenic views (69%) ranked the third highest *very important* quality, quiet (65%) ranked the fourth highest *very important* quality, and dark sky (62%) ranked the fifth highest *very important* quality.

For student respondents, local food (51%) ranked the third highest *very important* quality, family-owned businesses (45%) ranked the fourth highest *very important* quality, and seeing and hearing lots of wildlife (44%) ranked the fifth highest *very important* quality.

Nearly half of all survey respondents identified gravel and unimproved roads as an *unimportant* quality (39%) or *very unimportant* quality (10%) of Leelanau County. About 43% of survey respondents

identified hunting and fishing opportunities as either an *unimportant quality* (30%) or *very unimportant quality* (13%) of Leelanau County. Wineries and vineyards ranked the fourth-lowest *unimportant quality* (23%) for non-student respondents and second-lowest *unimportant quality* (34%) for student respondents, respectively.

One of the biggest differences between responses from students and non-students was the quality listed as “civic events, celebrations and festivals,” where 31% of student respondents ranked it as *very important* but only 14% of non-students ranked it as *very important*.

Table 15a. Question 15 for All Respondents

	Very Important		Important		Unimportant		Very Unimportant		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Access to Lake Michigan and Inland Lakes	75.28%	1,142	20.83%	316	3.36%	51	0.53%	8	1,517
Access to Sleeping Bear Dunes National Lakeshore	55.88%	846	34.15%	517	8.85%	134	1.12%	17	1,514
Forested Hills and Ridges	52.94%	793	39.39%	590	6.68%	100	1.00%	15	1,498
Scenic Views	65.25%	980	31.23%	469	3.06%	46	0.47%	7	1,502
Working Farms and Open Fields	49.64%	748	39.08%	589	10.09%	152	1.19%	18	1,507
Local Food	50.03%	759	40.67%	617	7.91%	120	1.38%	21	1,517
Wineries and Vineyards	25.28%	379	41.56%	623	25.68%	385	7.47%	112	1,499
Quiet	60.77%	917	32.47%	490	5.77%	87	0.99%	15	1,509
Dark Sky	58.59%	873	30.00%	447	9.73%	145	1.68%	25	1,490
Seeing and Hearing Lots of Wildlife	52.92%	798	38.33%	578	7.89%	119	0.86%	13	1,508
Hunting and Fishing Opportunities	22.13%	330	34.21%	510	30.65%	457	13.01%	194	1,491
Bicycling and Walking Paths	48.67%	732	38.83%	584	9.38%	141	3.13%	47	1,504
Low Amounts of Traffic on Most Side Roads	50.60%	761	38.96%	586	9.38%	141	1.06%	16	1,504
Gravel and Unimproved Roads	15.54%	230	34.93%	517	39.46%	584	10.07%	149	1,480
Civic Events, Celebrations and Festivals	17.35%	259	47.89%	715	27.80%	415	6.97%	104	1,493
Small Towns and Villages	52.62%	793	40.74%	614	5.71%	86	0.93%	14	1,507
Family Owned Businesses	49.67%	742	41.70%	623	7.16%	107	1.47%	22	1,494
Water Quality	86.97%	1,321	12.11%	184	0.66%	10	0.26%	4	1,519

Table 15b. Question 15 for all Non-Student Respondents

	Very Important		Important		Unimportant		Very Unimportant		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Access to Lake Michigan and Inland Lakes	78.26%	983	18.63%	234	2.55%	32	0.56%	7	1,256
Access to Sleeping Bear Dunes National Lakeshore	58.68%	737	32.72%	411	7.72%	97	0.88%	11	1,256
Forested Hills and Ridges	56.97%	707	37.31%	463	5.00%	62	0.73%	9	1,241
Scenic Views	69.32%	863	28.35%	353	1.93%	24	0.40%	5	1,245
Working Farms and Open Fields	53.12%	664	37.68%	471	8.40%	105	0.80%	10	1,250
Local Food	49.84%	627	41.10%	517	7.71%	97	1.35%	17	1,258
Wineries and Vineyards	25.88%	322	43.01%	535	23.95%	298	7.15%	89	1,244
Quiet	65.60%	822	30.01%	376	3.67%	46	0.72%	9	1,253
Dark Sky	62.16%	767	28.28%	349	8.02%	99	1.54%	19	1,234
Seeing and Hearing Lots of Wildlife	54.71%	685	38.10%	477	6.71%	84	0.48%	6	1,252
Hunting and Fishing Opportunities	19.74%	244	34.55%	427	32.12%	397	13.59%	168	1,236
Bicycling and Walking Paths	50.36%	629	37.15%	464	9.45%	118	3.04%	38	1,249
Low Amounts of Traffic on Most Side Roads	52.28%	654	38.21%	478	8.47%	106	1.04%	13	1,251
Gravel and Unimproved Roads	15.18%	186	35.76%	438	40.00%	490	9.06%	111	1,225
Civic Events, Celebrations and Festivals	14.46%	179	47.66%	590	30.29%	375	7.59%	94	1,238
Small Towns and Villages	54.48%	681	40.48%	506	4.32%	54	0.72%	9	1,250
Family Owned Businesses	50.61%	627	41.73%	517	6.21%	77	1.45%	18	1,239
Water Quality	88.89%	1,120	10.32%	130	0.48%	6	0.32%	4	1,260

Table 15c. Question 15 for All Student Respondents

	Very Important		Important		Unimportant		Very Unimportant		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Access to Lake Michigan and Inland Lakes	60.85%	157	31.40%	81	7.36%	19	0.39%	1	258
Access to Sleeping Bear Dunes National Lakeshore	42.35%	108	40.78%	104	14.51%	37	2.35%	6	255
Forested Hills and Ridges	33.86%	86	49.21%	125	14.57%	37	2.36%	6	254
Scenic Views	45.67%	116	44.88%	114	8.66%	22	0.79%	2	254
Working Farms and Open Fields	32.28%	82	46.46%	118	18.11%	46	3.15%	8	254
Local Food	51.17%	131	38.28%	98	8.98%	23	1.56%	4	256
Wineries and Vineyards	22.62%	57	34.13%	86	34.13%	86	9.13%	23	252
Quiet	37.55%	95	43.87%	111	16.21%	41	2.37%	6	253
Dark Sky	41.90%	106	37.94%	96	17.79%	45	2.37%	6	253
Seeing and Hearing Lots of Wildlife	44.66%	113	39.13%	99	13.44%	34	2.77%	7	253
Hunting and Fishing Opportunities	33.73%	85	32.54%	82	23.41%	59	10.32%	26	252
Bicycling and Walking Paths	40.87%	103	46.83%	118	9.13%	23	3.17%	8	252
Low Amounts of Traffic on Most Side Roads	42.80%	107	42.40%	106	13.60%	34	1.20%	3	250
Gravel and Unimproved Roads	17.46%	44	30.95%	78	36.90%	93	14.68%	37	252
Civic Events, Celebrations and Festivals	31.35%	79	49.21%	124	15.48%	39	3.97%	10	252
Small Towns and Villages	43.70%	111	42.13%	107	12.20%	31	1.97%	5	254
Family Owned Businesses	45.24%	114	41.27%	104	11.90%	30	1.59%	4	252
Water Quality	77.34%	198	21.09%	54	1.56%	4	0.00%	0	256

Current Conditions

Question 16. Please choose the one option that most closely matches your opinion for each item.

Table 16 shows the results for Question 16 for all respondents. Several key results from the questionnaire are listed below.

- Just over half (56%) of respondents *strongly agree* or *agree* that Leelanau County is growing too quickly.
- A significant majority (83%) of respondents *strongly agree* or *agree* that housing is too expensive for first-time home buyers and young families in Leelanau County.
- A majority (67%) of respondents *strongly agree* or *agree* that more senior/assisted housing is needed in Leelanau County.

- Just over half (55%) of respondents *strongly disagree* or *disagree* that there are too many short-term rentals in Leelanau County.
- Just over half (55%) of respondents *strongly disagree* or *disagree* that Leelanau County is losing its rural character, whereas 44% of respondents *strongly agree* or *agree* that Leelanau County is losing its rural character.
- A significant majority (81%) of respondents *strongly agree* or *agree* that Leelanau County needs more access to high-speed internet.
- A majority (69%) of respondents *strongly agree* or *agree* that curbside recycling is needed in towns and villages throughout Leelanau County.
- A majority (61%) of respondents *strongly agree* or *agree* that Leelanau County should have additional trails and pathways.
- A majority (67%) of respondents *strongly agree* or *agree* that declining school enrollment is concerning.
- A majority (61%) of respondents *strongly agree* or *agree* that current regulations limit the use of alternate energy sources in residential areas.

Table 16. Question 16 for All Respondents

	Strongly Agree		Agree		Disagree		Strongly Disagree		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Leelanau County is growing too quickly (e.g., people, development)	17.92%	259	38.20%	552	40.42%	584	3.46%	50	1,445
Housing is too expensive for first-time home buyers and young-families	44.89%	641	38.80%	554	13.94%	199	2.38%	34	1,428
More senior/assisted housing is needed in Leelanau County	16.68%	225	51.00%	688	28.84%	389	3.48%	47	1,349
There are too many short-term (30 days or less) rental accommodations in Leelanau County	16.11%	218	28.38%	384	46.12%	624	9.39%	127	1,353
Leelanau County is losing its rural character	18.33%	262	31.28%	447	46.54%	665	3.85%	55	1,429
Leelanau County needs more access to high speed internet	45.62%	651	35.88%	512	16.12%	230	2.38%	34	1,427
Curbside recycling is needed in towns and villages throughout Leelanau County	31.00%	447	38.00%	548	27.05%	390	3.95%	57	1,442
Leelanau County should have additional trails and pathways	23.28%	332	43.48%	620	28.75%	410	4.49%	64	1,426
Declines in school enrollment are concerning	23.52%	325	43.70%	604	27.86%	385	4.92%	68	1,382
Current regulations limit the use of alternative energy sources in residential areas	20.05%	245	41.41%	506	32.73%	400	5.81%	71	1,222

Question 17. Please choose the one option that most closely matches your opinion for each item.

Table 17 shows the results for Question 17 for all respondents. Several key results from the questionnaire are listed below.

- Over half (56%) of respondents *strongly disagree* or *disagree* that the housing opportunities in Leelanau County meet the needs of its residents.
- A significant majority (72%) of respondents *strongly agree* or *agree* that there are enough commercial services in Leelanau County.
- A significant majority (72%) of respondents *strongly agree* or *agree* that Leelanau County is adequately served by BATA.
- Just over half (52%) of respondents *strongly agree* or *agree* that there are enough jobs in Leelanau County, whereas 47% of respondents *strongly disagree* or *disagree* that there are enough jobs in Leelanau County.
- A significant majority (74%) of respondents *strongly agree* or *agree* that there are enough activities in Leelanau County to keep and attract young families.
- A significant majority (80%) of respondents *strongly agree* or *agree* that Leelanau County roads are well maintained.
- A majority (68%) of respondents *strongly agree* or *agree* that there is adequate cooperation between governments in Leelanau County.
- A majority (61%) of respondents *strongly agree* or *agree* that Leelanau County should have additional trails and pathways.
- Just over half (51%) of respondents *strongly disagree* or *disagree* that there are enough social and health services to address issues associated with drug addiction in Leelanau County.
- A majority (68%) of respondents *strongly agree* or *agree* that there is an adequate number of quality programs serving seniors throughout Leelanau County.

Table 17. Question 17 for All Respondents

	Strongly Agree		Agree		Disagree		Strongly Disagree		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
The housing opportunities in Leelanau County meet the needs of its residents	5.34%	72	38.03%	513	44.18%	596	12.45%	168	1,349
There are enough commercial services in Leelanau County	10.85%	148	61.36%	837	25.51%	348	2.27%	31	1,364
Leelanau County is adequately serviced by Bay Area Transportation Authority (BATA)	11.19%	140	60.99%	763	23.90%	299	3.92%	49	1,251
There are enough jobs within Leelanau County	8.13%	104	43.98%	563	38.36%	491	9.53%	122	1,280
There are enough activities to keep and attract young families in Leelanau County	19.93%	271	54.26%	738	20.96%	285	4.85%	66	1,360
County Roads are well maintained	21.21%	302	59.06%	841	14.68%	209	5.06%	72	1,424
There is adequate cooperation between local governments	7.30%	86	61.54%	725	26.74%	315	4.41%	52	1,178

There are enough social and health services to address issues associated with drug addiction	6.71%	79	42.14%	496	41.38%	487	9.77%	115	1,177
There is an adequate number and quality of programs serving seniors throughout the county	9.78%	118	58.24%	703	28.50%	344	3.48%	42	1,207

Housing

Question 18. What types of new or additional housing should Leelanau County encourage in the future? Please choose one option for each item that most closely matches your opinion for each item.

Table 18 shows the results for Question 18 for all respondents. Several key results from the questionnaire are listed below.

- About 72% of respondents are *completely in favor* or *in favor* of houses on large lots over 5 acres and 84% of respondents are *completely in favor* or *in favor* of houses on small lots between 1 and 5 acres, whereas only 63% are *completely in favor* or *in favor* of houses on small lots less than one acre.
- A majority (60%) of respondents are *completely in favor* or *in favor* of houses clustered together in subdivisions and neighborhoods.
- Questionnaire respondents are just about split on small houses: 49.3% are *completely in favor* or *in favor* of small houses under 800 sq. ft. clustered together in subdivisions and neighborhoods, whereas 50.6% are *totally opposed* or *opposed*. However, about 56% are *completely in favor* or *in favor* of small homes under 800 sq. ft. located anywhere in Leelanau County, with 44% *totally opposed* or *opposed*.
- A significant majority (right around 85%) of respondents are *completely in favor* of or *in favor* of senior housing, affordable housing and loft/flats above street-front retail.
- A significant majority (82%) of respondents are *totally opposed* or *opposed* to mobile home parks.
- A significant majority (77%) of respondents are *completely in favor* of dormitory housing for seasonal workers.
- A significant majority of respondents are *completely in favor* of or *in favor* of year-round apartments (79%) and live/work units (74%), respectively.
- About 59% of respondents are *completely in favor* or *in favor* of townhouses and duplexes.

Table 18. Question 18 for All Respondents

	Completely in Favor		In Favor		Opposed		Totally Opposed		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Houses on Large Lots (over 5 acres)	26.67%	355	46.28%	616	21.26%	283	5.79%	77	1,331
Houses on Small Lots (between 1 to 5 acres)	20.99%	281	63.11%	845	12.70%	170	3.21%	43	1,339
Houses on Smaller Lots (less than one acre)	18.00%	238	45.92%	607	26.17%	346	9.91%	131	1,322
Houses Clustered Together in Subdivisions and Neighborhoods	17.65%	239	42.61%	577	24.08%	326	15.66%	212	1,354
Small Houses (less than 800 square ft.) Clustered Together in Subdivisions and Neighborhoods	16.16%	218	33.21%	448	27.87%	376	22.76%	307	1,349
Small Houses (less than 800 square ft.) Located Anywhere in the County	15.87%	210	40.06%	530	27.36%	362	16.70%	221	1,323
Townhouses/Duplexes	11.58%	151	47.85%	624	26.84%	350	13.73%	179	1,304
Mobile Home Parks	3.93%	53	13.34%	180	35.29%	476	47.44%	640	1,349
Senior Housing	18.94%	251	66.34%	879	10.64%	141	4.08%	54	1,325
Affordable Housing	40.64%	545	44.89%	602	8.72%	117	5.74%	77	1,341
Dormitory Housing for Seasonal Workers	23.64%	318	53.90%	725	14.72%	198	7.73%	104	1,345
Year-Round Apartments	26.40%	353	52.73%	705	14.81%	198	6.06%	81	1,337
Live/Work Units	21.08%	254	53.53%	645	17.01%	205	8.38%	101	1,205
Lofts/Flats Above Street-Front Retail	30.95%	415	55.33%	742	9.25%	124	4.47%	60	1,341

Transportation

Question 19. How often do you use the following modes of transportation to get from home to work or other activities?

Table 19 shows the results for Question 19 for all respondents. Several key results from the questionnaire are listed below.

- A majority of respondents (90%) use their personal car to get from home to work or other activities all the time.
- A majority of respondents (82%) have never used BATA to get from home to work or other activities. But, of those respondents who have, just 1.7% have used BATA more than 10 days out of the year.
- Just over 30% of the respondents walk to get from home to work or other activities all the time and just over 33% of respondents walk to get from home to work or other activities at least 10 days a year.
- Just over 10% of respondents bike on trails and just over 7% bike on roads to get from home to work or other activities all the time.

Table 19. Question 19 for All Respondents

	All the Time		More Than 10 Days a Year		Less Than 10 Days a Year		Never		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Personal Car	90.51%	1,288	6.61%	94	0.63%	9	2.25%	32	1,423
Carpool	5.43%	73	16.28%	219	21.86%	294	56.43%	759	1,345
Public Transportation (BATA)	1.64%	22	1.71%	23	13.76%	185	82.89%	1114	1,344
Motorcycle	1.49%	20	3.13%	42	2.98%	40	92.41%	1242	1,344
Bike on Trails	10.28%	141	28.43%	390	25.36%	348	35.93%	493	1,372
Bike on Roads	7.89%	107	22.35%	303	23.08%	313	46.68%	633	1,356
Walk	30.84%	428	33.72%	468	14.99%	208	20.46%	284	1,388

Table 19a. Question 19 for All Respondents, Under 50

	All the Time		More Than 10 Days a Year		Less Than 10 Days a Year		Never		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Personal Car	87.44%	369	5.69%	24	0.95%	4	5.92%	25	422
Carpool	13.79%	56	30.05%	122	22.17%	90	33.99%	138	406
Public Transportation (BATA)	3.68%	15	2.45%	10	9.80%	40	84.07%	343	408
Motorcycle	3.45%	14	4.19%	17	3.69%	15	88.67%	360	406
Bike on Trails	10.73%	44	28.54%	117	28.54%	117	32.20%	132	410
Bike on Roads	10.02%	41	22.98%	94	25.18%	103	41.81%	171	409
Walk	24.33%	100	33.58%	138	15.82%	65	26.28%	108	411

Table 19b. Question 19 for All Respondents, 51 Years and Older

	All the Time		More Than 10 Days a Year		Less Than 10 Days a Year		Never		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Personal Car	91.91%	909	6.88%	68	0.51%	5	0.71%	7	989
Carpool	1.51%	14	10.24%	95	21.77%	202	66.49%	617	928
Public Transportation (BATA)	0.65%	6	1.41%	13	15.46%	143	82.49%	763	925
Motorcycle	0.54%	5	2.59%	24	2.70%	25	94.17%	873	927
Bike on Trails	10.09%	96	28.39%	270	24.08%	229	37.43%	356	951
Bike on Roads	6.94%	65	22.01%	206	22.33%	209	48.72%	456	936
Walk	33.54%	324	33.85%	327	14.70%	142	17.91%	173	966

Jobs

Question 20. What are the obstacles to creating new jobs in Leelanau County? Please choose the one option that most closely matches your opinion for each of the following statements.

Table 20 shows the results for Question 20 on the questionnaire for all respondents. Several key results from the questionnaire are listed below.

- A significant majority of respondents (76%) *strongly agree* or *agree* that access to housing to attract workers is an obstacle to creating jobs in Leelanau County.
- A significant majority of respondents (70%) *strongly agree* or *agree* that wages are an obstacle to creating jobs in Leelanau County.
- Nearly half of respondents *strongly agree* or *agree* that access to support programs and funding opportunities (47%) and knowledge of support networks and available assistance (48%) are obstacles to creating jobs in Leelanau County, whereas roughly 23% of respondents were *not sure*.
- Nearly half (47%) of respondents *strongly agree* or *agree* that access to sewer and water infrastructure is an obstacle to creating jobs in Leelanau County, whereas roughly 13% of respondents were *not sure* if sewer and water infrastructure was an obstacle to creating jobs.

- A majority of all respondents (63%) *strongly agree* or *agree* that access to high-speed internet is an obstacle to creating jobs in Leelanau County, whereas 71% of students *strongly agree* or *agree* that access to high-speed internet is an obstacle to creating jobs in Leelanau County.
- A majority of respondents (67%) *strongly agree* or *agree* that access to willing and trained workers is an obstacle to creating jobs in Leelanau County.
- A majority of respondents (66%) *strongly agree* or *agree* that access to a diverse job market to attract two-income families is an obstacle to creating jobs in Leelanau County.

Table 20. Question 20 for All Respondents

	Strongly Agree		Agree		Disagree		Strongly Disagree		Not Sure		Total
	Percent	#	Percent	#	Percent	#	Percent	#	Percent	#	
Access to high-speed internet	34.60%	457	29.14%	385	18.32%	242	4.31%	57	13.63%	180	1,321
Access to sewer and water infrastructure	16.32%	210	30.77%	396	27.35%	352	5.75%	74	19.81%	255	1,287
Access to housing to attract workers	32.67%	430	43.92%	578	11.85%	156	3.50%	46	8.05%	106	1,316
Access to willing and trained workers	21.90%	281	45.67%	586	16.60%	213	3.43%	44	12.39%	159	1,283
Access to support programs and funding opportunities	13.32%	165	34.38%	426	23.41%	290	5.97%	74	22.92%	284	1,239
Knowledge of support networks and available assistance	13.33%	165	35.22%	436	22.86%	283	4.60%	57	23.99%	297	1,238
Access to a diverse job market to attract two-income families	21.69%	275	44.56%	565	16.32%	207	3.79%	48	13.64%	173	1,268
Wages	29.57%	380	40.70%	523	14.24%	183	2.88%	37	12.61%	162	1,285

Recreation

Question 21. Please choose the one option that most closely matches your opinion for each item.

Table 21 shows the results for Question 21 for all respondents. Several key results from the questionnaire are listed below.

- A significant majority of respondents *strongly agree* or *agree* with each of the following statements: parks and recreation opportunities are important to residents of Leelanau County (96%); parks and recreation opportunities are important to visitors of Leelanau County (97%); Sleeping Bear Dunes National Lakeshore is vital to the tourism industry of Leelanau County (95%); there are enough summer outdoor recreational opportunities in Leelanau County (93%); and non-motorized trails have been a positive addition to Leelanau County (92%).
- A significant majority (70%) of respondents *strongly agree* or *agree* that there are enough winter outdoor recreational opportunities in Leelanau County.
- Just over half (56%) of respondents *strongly disagree* or *disagree* that there are enough indoor recreational opportunities in Leelanau County.

- Roughly 60% of respondents *strongly agree* or *agree* that there are enough recreational opportunities for seniors, whereas roughly 39% of respondents *strongly disagree* or *disagree* that there are enough recreational opportunities for seniors.
- Roughly 68% of all respondents *strongly agree* or *agree* that there are enough recreational opportunities for youth, whereas roughly 31% of respondents *strongly disagree* or *disagree* that there are enough recreational opportunities for youth. In addition, roughly 69% of students *strongly agree* or *agree* that there are enough recreational opportunities for youth.

Table 21. Question 21 for All Respondents

	Strongly Agree		Agree		Disagree		Strongly Disagree		Total
	Percent	#	Percent	#	Percent	#	Percent	#	
Parks and recreation opportunities are important to residents of Leelanau County	69.31%	953	27.42%	377	2.91%	40	0.36%	5	1,375
Parks and recreation opportunities are important to visitors to Leelanau County	73.64%	1,014	23.67%	326	2.25%	31	0.44%	6	1,377
Sleeping Bear Dunes National Lakeshore is vital to the tourism industry of Leelanau County	74.04%	1,024	21.69%	300	3.83%	53	0.43%	6	1,383
There are enough winter outdoor recreational opportunities in Leelanau County	22.41%	298	47.59%	633	25.04%	333	4.96%	66	1,330
There are enough summer outdoor recreational opportunities in Leelanau County	47.08%	638	46.86%	635	5.54%	75	0.52%	7	1,355
There are enough indoor recreational opportunities in Leelanau County	9.77%	121	33.76%	418	48.38%	599	8.08%	100	1,238
There are enough recreational opportunities for seniors	11.23%	133	49.16%	582	34.04%	403	5.57%	66	1,184
There are enough recreational opportunities for youth	14.67%	174	53.71%	637	25.80%	306	5.82%	69	1,186
Non-motorized trails (e.g. Leelanau Trail, Sleeping Bear Heritage Trail) have been a positive addition to Leelanau County	62.62%	851	29.80%	405	5.30%	72	2.28%	31	1,359
Leelanau County should support building additional non-motorized trails	41.44%	540	34.15%	445	17.42%	227	6.98%	91	1,303
There is enough land available for hunting	31.42%	373	53.16%	631	10.95%	130	4.47%	53	1,187
There are enough public access sites to inland lakes	22.83%	290	54.57%	693	16.85%	214	5.75%	73	1,270
There is enough access to Lake Michigan	26.19%	346	53.22%	703	15.97%	211	4.62%	61	1,321
Information about public recreation opportunities is easy to find	22.43%	290	53.67%	694	20.42%	264	3.48%	45	1,293