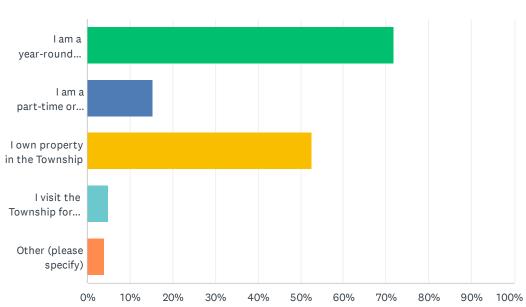
APPENDIX D: Community Survey Results

Q1 What is your association with Bingham Township? Check all that apply.

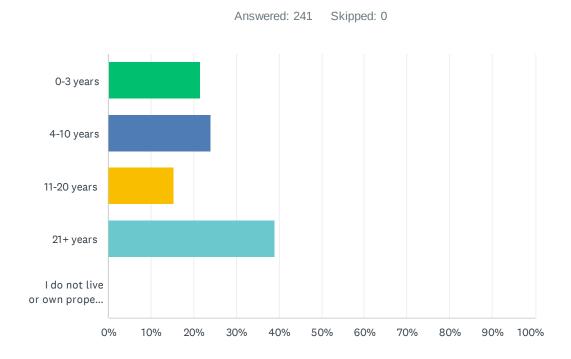




ANSWER CHOICES	RESPONSES	
I am a year-round resident.	71.78%	173
I am a part-time or seasonal resident.	15.35%	37
I own property in the Township	52.70%	127
I visit the Township for leisure (for recreation)	4.98%	12
Other (please specify)	4.15%	10
Total Respondents: 241		

#	OTHER (PLEASE SPECIFY)	DATE
1	Family cherry farm for 4 generations, parents live , and we are making back to live	5/17/2022 8:11 AM
2	Farm property	4/19/2022 9:19 PM
3	Own farm land	3/12/2022 1:17 PM
4	We have lived in Bingham Township as full-time and part-time residence since 1998, for 24 years.	3/12/2022 12:48 PM
5	I leave for Florida from November through March.	2/28/2022 2:19 PM
6	Own a business answering on behalf of the business	2/28/2022 10:18 AM
7	Born and raised in this are	2/25/2022 10:25 PM
8	We will be moving to town after our military service	12/22/2021 6:59 PM
9	Previous resident	12/11/2021 10:02 AM
10	Plan to build and become year round resident in 2023	12/6/2021 7:51 AM

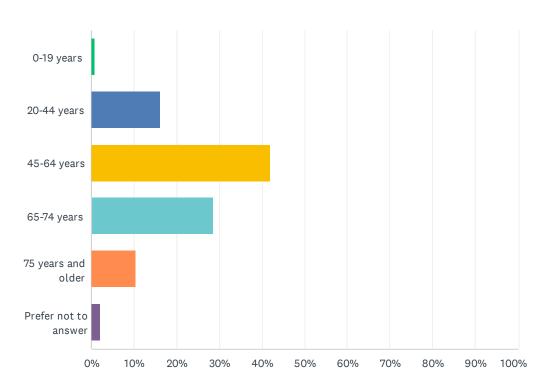
Q2 How long have you lived, worked, or owned property in Bingham Township? Select one.



ANSWER CHOICES	RESPONSES	
0-3 years	21.58%	52
4-10 years	24.07%	58
11-20 years	15.35%	37
21+ years	39.00%	94
I do not live or own property in Bingham Township	0.00%	0
TOTAL		241

Q3 Select your age group.

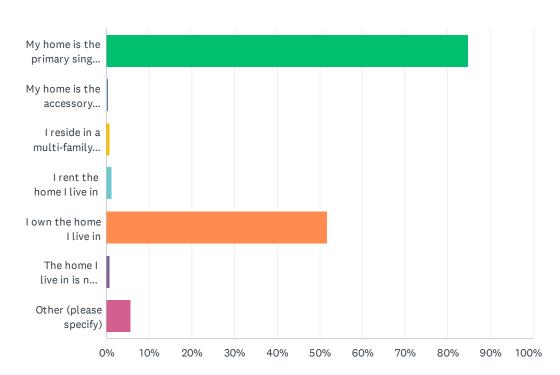
Answered: 241 Skipped: 0



ANSWER CHOICES	RESPONSES	
0-19 years	0.83%	2
20-44 years	16.18%	9
45-64 years	41.91% 10	1
65-74 years	28.63% 6	9
75 years and older	10.37% 2	5
Prefer not to answer	2.07%	5
TOTAL	24	1

Q4 If you are a resident of Bingham Township (seasonal or full-time), please identify the type of dwelling you live in. Select all that apply.

Answered: 224 Skipped: 17

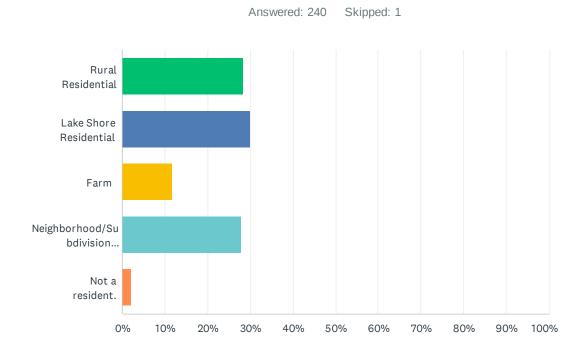


ANSWER CHOICES	RESPONSES	
My home is the primary single family residence on my property	84.82%	190
My home is the accessory dwelling unit on a single family property	0.45%	1
I reside in a multi-family unit attached to another unit	0.89%	2
I rent the home I live in	1.34%	3
I own the home I live in	51.79%	116
The home I live in is not mine and I don't pay any rent	0.89%	2
Other (please specify)	5.80%	13
Total Respondents: 224		

#	OTHER (PLEASE SPECIFY)	DATE
1	Also own a seasonal residence in township	5/20/2022 10:15 AM
2	Parents live on farm. We are currently building a house to own and live in yr. Round	5/17/2022 8:11 AM
3	Seasonal cottage	3/11/2022 12:39 PM
4	Detached condo	3/4/2022 9:22 AM
5	Second Home, not primary residence	3/3/2022 8:45 AM
6	Own a business	2/28/2022 10:18 AM

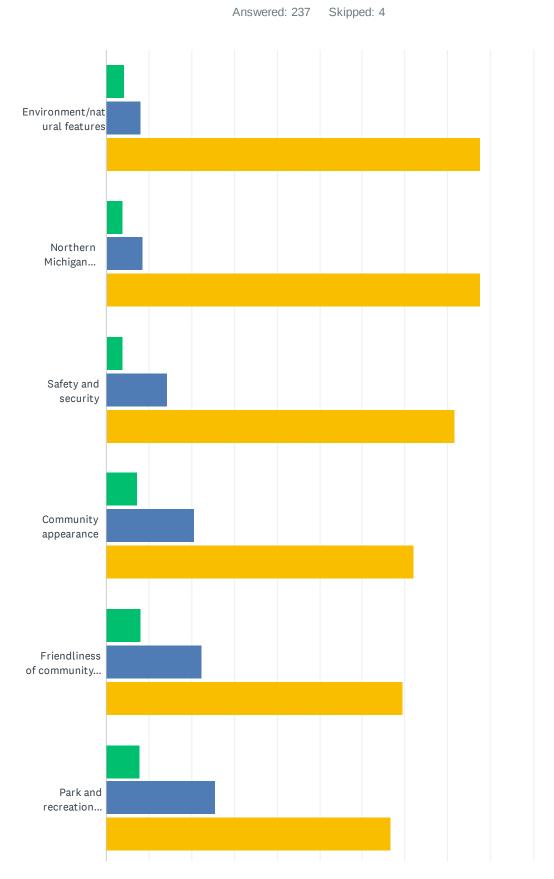
7	Duplex home	2/24/2022 4:02 PM
8	Property owner with camper, planning on building 1-2 yrs	2/23/2022 3:42 PM
9	Temporary land use permit while we construct our single family home.	1/12/2022 11:17 PM
10	Currently building a home on a farm I own.	12/22/2021 6:59 PM
11	Building a home	12/12/2021 6:37 PM
12	Land / lot owner	12/6/2021 2:05 PM
13	Once my home is built the above will apply	12/6/2021 7:51 AM

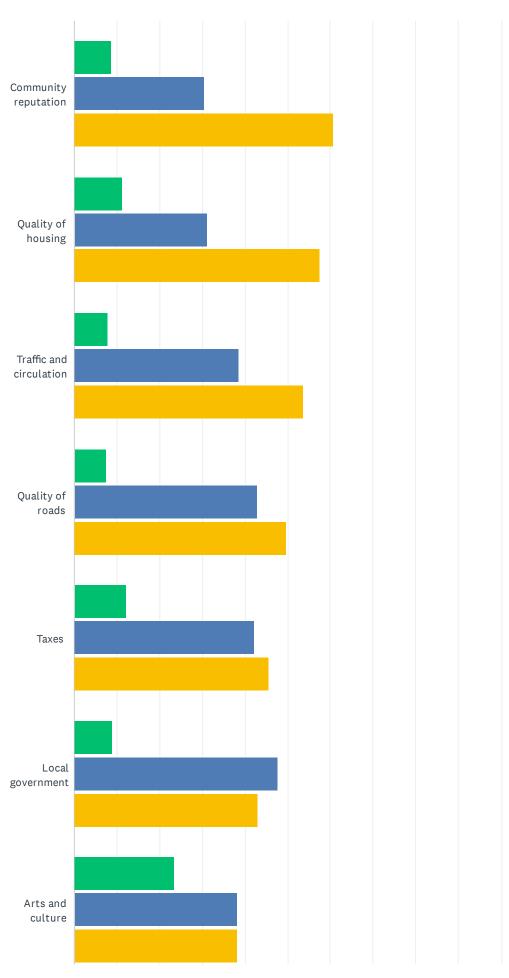
Q5 Which best describes the area in which you live within Bingham Township?

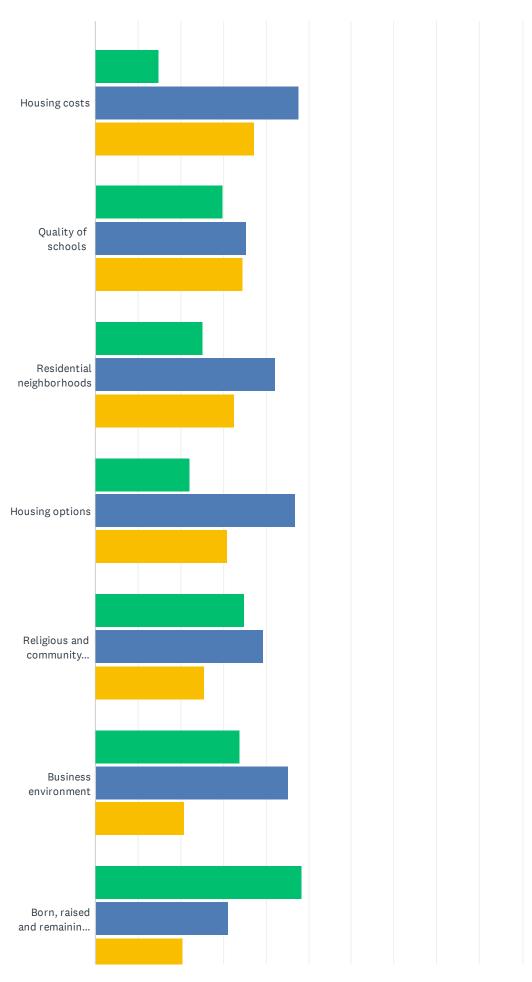


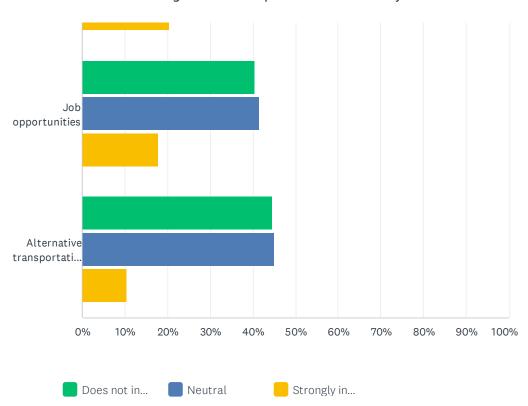
ANSWER CHOICES	RESPONSES	
Rural Residential	28.33%	68
Lake Shore Residential	30.00%	72
Farm	11.67%	28
Neighborhood/Subdivision Residential	27.92%	67
Not a resident.	2.08%	5
TOTAL		240

Q6 How does each of the following influence your decision to live in Bingham Township? Select the option that best applies to you.



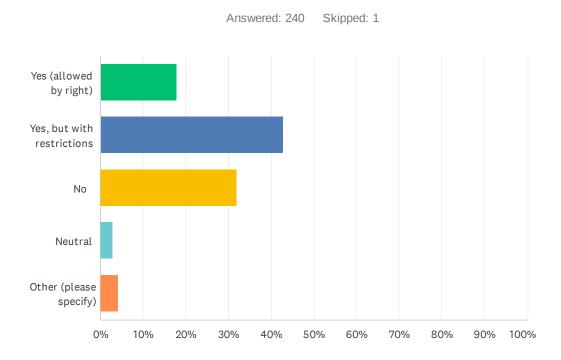






	DOES NOT INFLUENCE	NEUTRAL	STRONGLY INFLUENCE	TOTAL
Environment/natural features	4.26% 10	8.09% 19	87.66% 206	235
Northern Michigan location	3.86%	8.58% 20	87.55% 204	233
Safety and security	3.91% 9	14.35% 33	81.74% 188	230
Community appearance	7.33% 17	20.69% 48	71.98% 167	232
Friendliness of community residents	8.15% 19	22.32% 52	69.53% 162	233
Park and recreation facilities	7.79% 18	25.54% 59	66.67% 154	231
Community reputation	8.70% 20	30.43% 70	60.87% 140	230
Quality of housing	11.26% 26	31.17% 72	57.58% 133	231
Traffic and circulation	7.79% 18	38.53% 89	53.68% 124	231
Quality of roads	7.42% 17	42.79% 98	49.78% 114	229
Taxes	12.17% 28	42.17% 97	45.65% 105	230
Local government	9.05% 21	47.84% 111	43.10% 100	232
Arts and culture	23.48%	38.26%	38.26% 88	230
Housing costs	14.91% 34	47.81% 109	37.28% 85	228
Quality of schools	29.87% 69	35.50% 82	34.63% 80	231
Residential neighborhoods	25.22% 58	42.17% 97	32.61% 75	230
Housing options	22.17% 51	46.96% 108	30.87% 71	230
Religious and community institutions	35.06% 81	39.39% 91	25.54% 59	231
Business environment	33.91% 78	45.22% 104	20.87% 48	230
Born, raised and remaining resident	48.44% 109	31.11% 70	20.44% 46	225
Job opportunities	40.61% 93	41.48% 95	17.90% 41	229
Alternative transportation options	44.59% 103	45.02% 104	10.39% 24	231

Q7 Housing costs/rent and limited availability is a hindrance to many in the workforce impacting employers and communities. Do you support policy efforts to increase density and/or establish more units (accessory dwelling units, duplexes, triplexes, apartments) in Bingham Township?



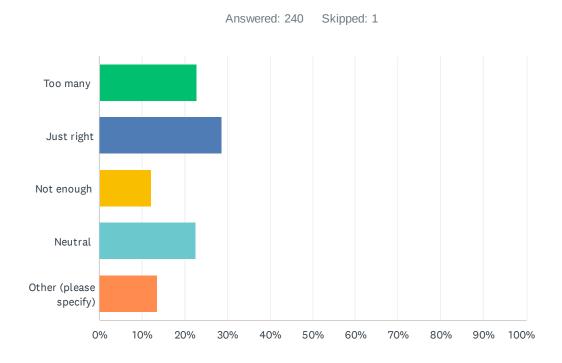
ANSWER CHOICES	RESPONSES	
Yes (allowed by right)	17.92%	43
Yes, but with restrictions	42.92%	103
No	32.08%	77
Neutral	2.92%	7
Other (please specify)	4.17%	10
TOTAL		240

#	OTHER (PLEASE SPECIFY)	DATE
1	Government doesn't belong in housing, they have hard enough time managing government	3/13/2022 4:27 PM
2	We are supposed to be the land of the free home of the brave. I want townships to allow freedom and free markets to determine housing. I'm worried if more control and influence is pushed by government (local, state and federal) we are heading towards a French Revolution moment.	3/12/2022 9:00 AM
3	No one wants high density housing developments (other than builders and corrupt politicians). That said, affordable apartments don't exist and probably should.	3/11/2022 7:07 PM
4	I work in law enforcement community. if you establish low income housing area you are in essence establishing a haven for illicit activity. I'm sorry, that's just a fact.	3/11/2022 8:04 AM
5	The reason we live there is the lack of density housing, would do nothing, but spoil the looks	2/25/2022 10:25 PM

of this community

	y	
6	Use	2/24/2022 10:25 PM
7	Yes, but with restrictions - but not overly ridiculous ones that in effect hinder more units	2/24/2022 1:41 PM
8	Fewer short term rentals and more year around residential would be great.	2/16/2022 8:08 PM
9	Abolish SFH rules. Allow as many options as possible. It's fine if you want to live in a single house, but it should not be ILLEGAL for any other option.	12/22/2021 6:59 PM
10	Unsure. Need more information to answer	12/6/2021 7:51 AM

Q8 In communities across Northwest Michigan homes are being used as Short Term Rentals (STR). Bingham Township has an STR Ordinance which has a cap of 86 homes allowed to be permitted as a STR. How do you feel about the current allowance of STRs in Bingham Township?



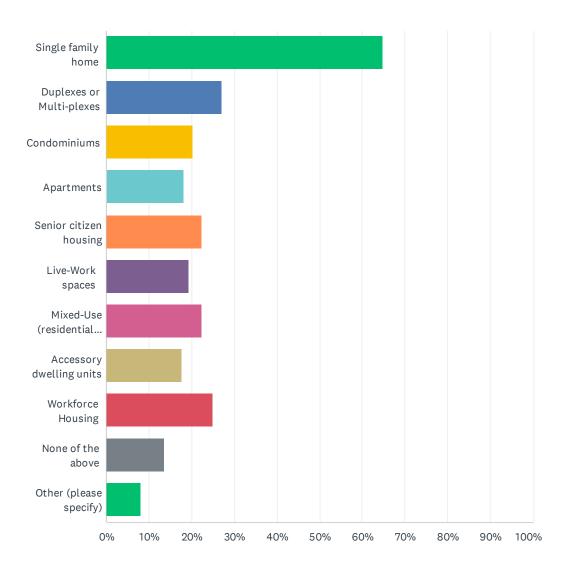
ANSWER CHOICES	RESPONSES	
Too many	22.92%	55
Just right	28.75%	69
Not enough	12.08%	29
Neutral	22.50%	54
Other (please specify)	13.75%	33
TOTAL		240

#	OTHER (PLEASE SPECIFY)	DATE
1	haven't read the ordinance yet	5/20/2022 10:15 AM
2	Too Many - Establish full-time, year-round affordable housing for full-time residents. Substantially limit seasonal rentals- aka AirBNB-type rentals. The AirBNB rentals are negatively affecting the character of our neighborhoods, creating a group of for-profit, corporate type homeowners, and eliminating affordable housing stock for first-time local homeowners.	5/6/2022 10:33 AM
3	People have the right to STR they own personal property it should not be controlled by the township.	4/25/2022 4:39 AM
4	Do as they want with there property	4/19/2022 9:19 PM

5	They are a commercial enterprise and should not be allowed in residential areas, they drive down land value	3/31/2022 12:05 PM
6	I don't have enough information on STRs & the population density of Bingham township.	3/21/2022 11:20 AM
7	Depends on how the number is divided up. If all 86 are lakeshore probably to many.	3/14/2022 9:14 AM
8	Have the rights to do as I wish	3/13/2022 4:52 PM
9	If you own the property you have the right to do with it as you please	3/13/2022 4:46 PM
10	None of governments business who does what	3/13/2022 4:27 PM
11	Not sure	3/12/2022 9:18 PM
12	This should be up to the owner what they do with their own property	3/12/2022 12:55 PM
13	Owners property and pay taxes free to do what they want	3/11/2022 8:24 AM
14	Not clear on how that number was determined	3/6/2022 2:40 PM
15	Owners should be allowed to do with their property as they wish. Limiting short term rentals is wrong in my opinion.	3/6/2022 11:46 AM
16	Is limit fair? I understand not creating a mass amount of rentals but how does I get decided who can be on of the 86 that are allowed?	3/6/2022 11:11 AM
17	Depends on percentage of households.	3/5/2022 8:00 PM
18	There should be no cap, owners should have the right to do what they wish with the property regarding STR's	3/2/2022 6:45 PM
19	Too many. Also too many Hip Camps on Elm Valley Rd area	3/2/2022 2:33 PM
20	how would we determine the correct number? seems ok for now	2/28/2022 5:38 PM
21	I don't have a good basis to answer this how was this number arrived at? What percentage of total homes is this?	2/28/2022 10:18 AM
22	The STR ordinance is an infringement on our liberties and should not exist.	2/27/2022 2:49 PM
23	Without knowing denominator, difficult to know how to answer. What percentage of homes does 86 represent? I suspect number is somewhere between just right to not enough	2/26/2022 9:48 AM
24	Too Many. Big business and corporations are buying houses here and driving up prices and making it unaffordable for most families	2/25/2022 3:06 PM
25	Too many, and they are primarily along the shoreline.	2/25/2022 12:45 PM
26	To many grouped along shoreline.	2/24/2022 2:38 PM
27	Too many nuances to this topic to answer any of your options	2/24/2022 1:41 PM
28	Short term rentals bring much needed revenue to our area.	2/24/2022 8:22 AM
29	Year round Owners should be allowed to do what they want with their properties to make living here sustainable	2/23/2022 4:39 PM
30	The conflict between homes for workers and STRs is leaning the wrong way. STRs should be limited	2/23/2022 4:15 PM
31	Homesteaded properties should be allowed unlimited Short Term Rental opportunities. Non-homestead properties should be reduced. Give the residents who live and work in the township a benefit for being vested in their community.	2/23/2022 3:51 PM
32	Not enough, but ideally the unit would be occupied by the owner part of the year.	12/22/2021 6:59 PM
33	Unsure but I don't think with the info I have that I would support more.	12/6/2021 7:51 AM

Q9 What type of new residential development would you like to see come to Bingham Township? Select all that apply.



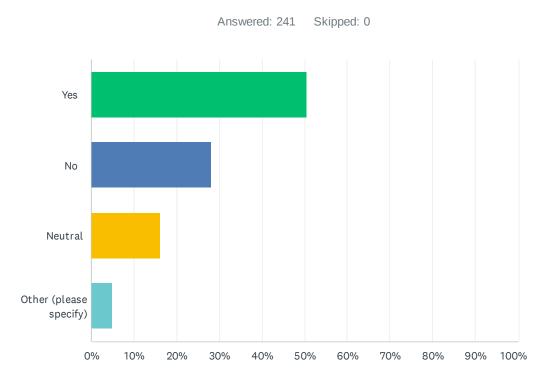


ANSWER CHOICES	RESPONSES	
Single family home	64.83%	153
Duplexes or Multi-plexes	27.12%	64
Condominiums	20.34%	48
Apartments	18.22%	43
Senior citizen housing	22.46%	53
Live-Work spaces	19.49%	46
Mixed-Use (residential/commercial)	22.46%	53
Accessory dwelling units	17.80%	42
Workforce Housing	25.00%	59
None of the above	13.56%	32
Other (please specify)	8.05%	19
Total Respondents: 236		

#	OTHER (PLEASE SPECIFY)	DATE
1	Loaded question. Don't expand the footprint, redefine the space.	5/25/2022 8:07 PM
2	This requires a delicate balance with zoning to maintain the rural character of the Township. Depending on the changes to zoning laws, farms could end up turning into subdivisions. Mission Peninsula is a good example of this kind of land use pressure. Bingham Township may find good strategies based on their efforts to maintain the rural nature of their land.	5/6/2022 10:33 AM
3	We have enough people and homes	3/31/2022 12:05 PM
4	Affordable housing for the workforce needs to be addressed	3/11/2022 5:10 PM
5	None, stop developing Leelanau County	3/11/2022 12:39 PM
6	Maintain agricultural as much as posssible.	3/11/2022 12:35 PM
7	Keep government out of this process, you will just screw it up. Let the market decide	3/11/2022 8:04 AM
8	None. Stay rural preserve Leelanau	3/8/2022 7:25 PM
9	let the market decide what happens.	3/6/2022 11:46 AM
10	That depends on where it is and how it effects the neighborhood and aesthetics.	3/3/2022 5:29 PM
11	All the above	3/2/2022 8:14 AM
12	Residences that can be purchased not just rented. Multiple units on land instead of 1 home on acreage. This will help keep costs affordable.	2/28/2022 5:38 PM
13	No tiny houses or any that would lower property values.	2/25/2022 6:19 PM
14	Leave Bingham rural. Develop workforce housing closer to Sutton's bay. Scott Hill platted subdivision would be a perfect area owned by the owner of Homestead Resort.	2/23/2022 3:51 PM
15	A vibrant downtown with mixed use and transformable structures.	12/22/2021 6:59 PM
16	Smart use of land-build on already developed parcels. Don's subdivide farms or destroy natural areas.	12/7/2021 11:07 AM
17	Unsure	12/6/2021 7:51 AM
18	All the above	12/5/2021 10:30 AM

19 All of the above 12/4/2021 7:07 PM

Q10 Do you feel there is a need for Bingham Township to consider a blight/junk ordinance? Please note enforcement of a blight ordinance may have an impact on taxes.

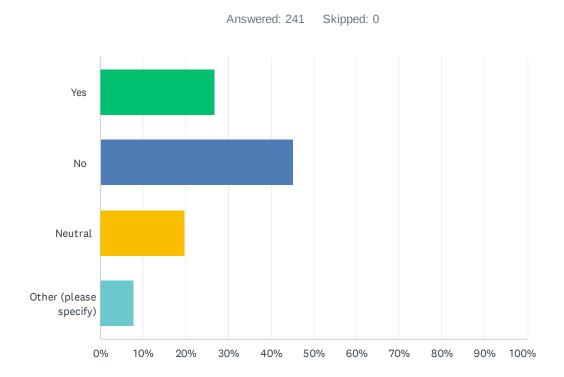


ANSWER CHOICES	RESPONSES	
Yes	50.62%	122
No	28.22%	68
Neutral	16.18%	39
Other (please specify)	4.98%	12
TOTAL		241

#	OTHER (PLEASE SPECIFY)	DATE
1	I feel Bingham should consider a township run landbank program for blighted properties to allow more opportunities for home ownership for residents.	3/16/2022 6:44 PM
2	Something just covering number of vehicles out on a property would take care of most of the problems I see.	3/14/2022 9:14 AM
3	Yes, the township hall needs to be removed	3/13/2022 4:27 PM
4	Depends what you plan to target or if it will just be used to clear the way for some development that no one wants.	3/11/2022 7:07 PM
5	Not sure. Is there something in particular you would be targeting?	3/11/2022 5:10 PM
6	There is a junkyard issue on the corner of Shady Lane and M22 that needs to be addressed. Need a blight ordinance! I believe that the parcel is listed as residential. It's obvious that he is running a business. Piles of scrap and at least a dozen vehicles/campers.	3/10/2022 2:37 PM

7	Would need to know how much in taxes I guess. Are we looking at a substantial amount of mine to have such ordinance?	3/6/2022 11:11 AM
8	Yes if reasonable.	3/3/2022 5:29 PM
9	wouldn't enforcement be paid by penalties associated with violations to the ordinance?	2/28/2022 10:18 AM
10	Only if there is no increase in taxes, and it would not have to be a giant big dept, costing thousands to run	2/25/2022 10:25 PM
11	For sure	2/24/2022 12:23 PM
12	Unsure	12/6/2021 7:51 AM

Q11 Do you feel there is a need for Bingham Township to consider a noise ordinance?



ANSWER CHOICES	RESPONSES
Yes	26.97% 65
No	45.23% 109
Neutral	19.92% 48
Other (please specify)	7.88% 19
TOTAL	241

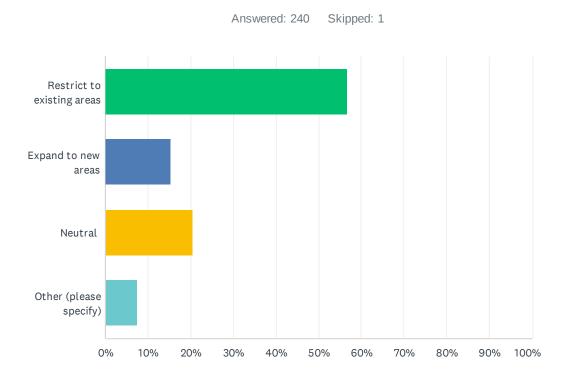
#	OTHER (PLEASE SPECIFY)	DATE
1	Yes - Due to the "Weekend Warrior" ethos exhibited by some AirBNB renters. "Vacationers" are living, one week at a time, next to year-round homeowners that have to go to work the next day.	5/6/2022 10:33 AM
2	Yes, no fireworks	3/31/2022 12:05 PM
3	Fireworks at all hours of the night should not be allowed.	3/11/2022 7:07 PM
4	Not sure. Has noise been an issue and is there currently nothing in place to address it?	3/11/2022 5:10 PM
5	For construction that is happening yes. Bulldozing, tree cutting, etc. should not be allowed to start prior to 7am.	3/8/2022 11:05 PM
6	Not at this time	3/8/2022 8:14 PM
7	The mix of poorer and wealthier home owners is acceptance of diverse neighbors. Implementing more regulation on poorer residents could push them out of their rightful homes. Offer community assistance or programs like Habitat volunteers to assist neighbors with blight	3/8/2022 7:25 PM

if truly safety or health conditions exist. If it's just out of town or city residents who've moved

here that want to kick out our farmers fisherman and labor class residents - tell them to shove it. Let's help each other not fine and punish them. (Answer to Q10 are: Blight)

19	Unsure	12/6/2021 7:51 AM
18	there is documentation about noise levels- which are really pointed toward the wineries due to the loudness of the bands they hire. Would be nice to be able to really have actually enforce it by a paid individual. Maybe the same person who would enforce the junk ordinace could be part of that.	12/10/2021 3:44 PM
17	Fireworks should continue to be regulated. Shooting in residential areas should be prohibited .	2/23/2022 4:15 PM
16	If snowmobile pipe noise is included, then yes	2/23/2022 8:16 PM
15	If more STR are allowed, then yes. Currently it isn't a problem.	2/24/2022 9:52 AM
14	boat traffic, fire works	2/24/2022 12:57 PM
13	Maybe, but within reason. 10p on a weekend is not reasonable	2/24/2022 1:41 PM
L2	A sign ordinance regulating size and height and one requiring removal of all political flags, signs etc. Within a reasonable time period after an election. It would be prudent to have a light ordinance to protect the night sky and minimize light pollution.	2/25/2022 6:19 PM
11	We already have a noise ordinance	2/28/2022 12:08 PM
10	not a problem in my area at this time	2/28/2022 5:38 PM
9	Yes, with commercial activities such as weddings/receptions, music venues, etc.	3/5/2022 8:00 PM
3	Difficult to define/enforce	3/6/2022 2:40 PM

Q12 Commercial development is currently allowed in 3 areas; the intersection of M-22 and NE Shady Lane, the intersection of M-22 and SW Hilltop Road, and Bingham Road between Center Road (CR 633) and Lake Leelanau Drive (CR 641). Do you think commercial development should be restricted to these areas or expanded upon?



ANSWER CHOICES	RESPONSES	
Restrict to existing areas	56.67%	136
Expand to new areas	15.42%	37
Neutral	20.42%	49
Other (please specify)	7.50%	18
TOTAL		240

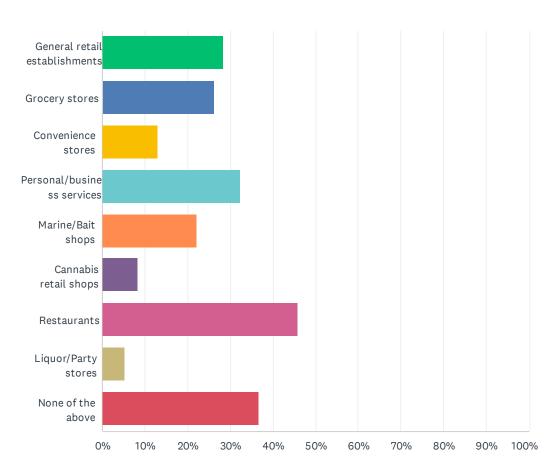
#	OTHER (PLEASE SPECIFY)	DATE
1	This appears to be intended give card blanc. Leta discuss keeping open space, park dedication, limiting deforestation.	5/25/2022 8:07 PM
2	We are residential and do not need anymore commercial	3/31/2022 12:05 PM
3	Potentially allow a few more areas, but with a cap/limit.	3/31/2022 11:37 AM
4	Again, We are supposed to be the land of the free home of the brave. I want townships to allow freedom and free markets to determine housing. I'm worried if more control and influence is pushed by government (local, state and federal) we are heading towards a French Revolution moment.	3/12/2022 9:00 AM
5	None of these locations need to be developed commercially any more than they already are.	3/11/2022 7:07 PM

Clearcutting to build more storage units was unfortunate to say the least.

	Cross cutting to band more storage arms was amortanate to day the react.	
6	It should be further restricted. I think the area along Bingham should be restricted. The scraping of trees to put up storage units is absolutely awful.	3/11/2022 5:10 PM
7	Keep the government out of this, you will just screw it up. Let the market decide	3/11/2022 8:04 AM
8	Stop the expansion between CR 633 and CR 641.	3/8/2022 11:05 PM
9	I think it depends on the development.	3/3/2022 5:29 PM
10	If there proves to be a need than I think new areas can be considered and voted on by residents	2/28/2022 5:38 PM
11	Restricted to existing area with control of type of development .	2/28/2022 4:08 PM
L2	It depends on what type of development.	2/28/2022 1:34 PM
13	addition of restaurant or grocery store	2/25/2022 2:50 PM
L4	Expand when neede	2/23/2022 11:09 PM
L5	Commercial development should even be stopped on Bingham Rd.	2/23/2022 4:15 PM
16	I would need to do further research before responding. For instance, what does "commercial development" mean? How large are these areas?	1/3/2022 2:11 PM
17	Unsure	12/6/2021 7:51 AM
.8	Let all property owners do what they want	12/5/2021 10:30 AM

Q13 What type of business or service would you like to see come to Bingham Township? Select all that apply.





ANSWER CHOICES	RESPONSES	
General retail establishments	28.38%	65
Grocery stores	26.20%	60
Convenience stores	13.10%	30
Personal/business services	32.31%	74
Marine/Bait shops	22.27%	51
Cannabis retail shops	8.30%	19
Restaurants	45.85%	105
Liquor/Party stores	5.24%	12
None of the above	36.68%	84
Total Respondents: 229		

OTHER (PLEASE SPECIFY) DATE

1	Restore the rail system to relieve road traffic	5/25/2022 8:07 PM
2	I would like to do 4 tent sights on my property for tourists.	5/17/2022 8:11 AM
3	We are a residential community, not a business hun. Commercial centers are located in Suttons Bay, Elmwood Township, and Traverse City.	5/6/2022 10:33 AM
4	We are so blessed to be quite close to Suttons Bay and Traverse City. There are plenty of shops, restaurants, grocery etc. in both places. The gas station/convenience store at the end of Shady Lane (Shady Lane Market) is plenty for the size of the township.	4/30/2022 3:54 PM
5	Gym and wellness	4/9/2022 8:03 PM
6	Emphatic no to cannabis and liquor/party stores	4/9/2022 4:34 PM
7	No cannabis please!	3/31/2022 11:37 AM
8	If we wanted to live in traverse city we would move to traverse city.	3/22/2022 11:45 AM
9	Please no more storage facilities. More art galleries and artiest studios.	3/17/2022 8:49 PM
10	I would love to see small business' encouraged in the community and put into a position to succeed.	3/16/2022 6:44 PM
11	Not sure why you guys need to be involved in this. The government that governs least governs best.	3/13/2022 4:27 PM
12	No cannabis shops!!! We don't need more drunk/stoned people driving around and not being productive citizens.	3/12/2022 12:48 PM
13	How are you as a township and township officials able to control that? Have I been transported back the the old Soviet Union? Where central planning is used to determine questions like this. How did that work out? I want the township to have enough humility to allow the free market to allow your progeny to thrive. The zoning laws you pass now limits our ability to thrive in ever changing economic, social, and political environments.	3/12/2022 9:00 AM
14	Definitely not cannabis Keep Bingham Township beautiful	3/11/2022 12:39 PM
15	All of the above are already available to the residents of Bingham Township.	3/11/2022 12:35 PM
16	We have enough	3/11/2022 8:24 AM
17	Of you leave it alone the market will dictate and it will work out because people want it to.	3/11/2022 8:04 AM
18	Reuse of existing commercial buildings is just fine to fill up our towns but no new development is needed! Please Preserve the trees and the farmland that make this area so special	3/8/2022 7:25 PM
19	More farm to table and ag tasting/dining. Small, locally owned restaurant ok.	3/7/2022 4:42 PM
20	I would rather drive to town for a store.	3/5/2022 3:45 PM
21	Leave it as it is. It's getting too crowded.	3/5/2022 1:05 PM
22	We have plenty	3/4/2022 8:36 AM
23	No cannabis retail shops!!! I don't really feel that there is a need for more businesses and services. TC and Suttons Bay can meet all needs. However, I'm not against someone opening a business.	3/4/2022 8:20 AM
24	Definitely NO Cannabis Retail Shops	3/3/2022 9:03 PM
25	Grawn and parts of Traverse City serve as good examples where zoning restrictions are non-existent. Development is coming weather we like it or not. Reasonable restrictions can help retain a lot of the characteristics that make this area a good place to live and a profitable place to do business.	2/28/2022 1:16 PM
26	Small grocery and non chain restaurants	2/26/2022 9:48 AM
	No liquor or cannabis.	2/25/2022 6:19 PM
27	No liquoi di calinabis.	2/23/2022 0.19 F W

29	fuel station & propane	2/25/2022 12:45 PM
30	I'd like to see Bingham Township encourage small businesses, locally owned, to come. The draw to our Township, and the Leelanau peninsula is not big business, or chain stores.	2/24/2022 1:41 PM
31	health care services services for seniors, people living in poverty	2/24/2022 12:57 PM
32	Please, no strip malls.	2/24/2022 9:52 AM
33	Professional offices.	2/23/2022 5:51 PM
34	Offices, medical, professional, contractors, light industrial	2/5/2022 9:12 AM
35	The businesses that come to Bingham Township should be mom and pop and not chains or franchises.	1/3/2022 2:11 PM
36	Small manufacturers (woodworkers, metal workers, furniture makers, car repair, bike repair, clothing makers, leather workers, roboticists). Market gardeners, community gardens, aquaculture and aquaponics gardens. Allow corner stores in every neighborhood, reduce the trips to other towns/big box stores.	12/22/2021 6:59 PM
37	Definitely No cannabis retailers, nothing that increases traffic	12/6/2021 7:51 AM
38	All the above.	12/4/2021 7:07 PM

Q14 Please share any thoughts you have regarding the public and shared services (such as Fire-EMT, Parks, Library, Township Hall, etc.) in Bingham Township, including what you would like to see improved or added in the future.

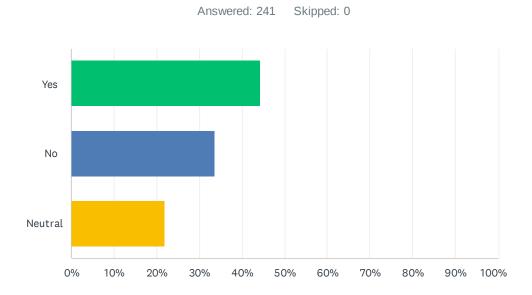
Answered: 71 Skipped: 170

#	RESPONSES	DATE
1	I think it is important to have good fire and EMT protection but other than that please don't do anything. The less new development the better.	5/28/2022 10:08 AM
2	Would like to ensure the township hall remain a small, quaint, and an historic building .	5/25/2022 8:07 PM
3	Keep all current and in good condition	5/13/2022 9:47 AM
4	Parks situated in residential areas should be maintained in a manner that is consistent with their limited size and that respect the property use of the homeowners in the neighborhood.	5/6/2022 10:33 AM
5	Library wonderful as is. EMT was here in 6 min. when I needed them. Haven't taken advantage of the parks. Is the Twp. Hall big enough to deal with comfortable voting? I vote absentee.	5/6/2022 10:22 AM
6	Updating of the local parks. More kid friends.	4/25/2022 4:39 AM
7	Services seem sized well to the population and do a good job	4/9/2022 8:03 PM
8	I believe a dog park would be used by many in the community.	4/8/2022 11:06 AM
9	We are well covered	3/31/2022 12:05 PM
10	fire/emt is very responsiveappreciate that	3/31/2022 11:37 AM
11	Basketball area Boughey Park	3/25/2022 6:00 PM
12	Would like to see the parks upgraded and maintained	3/23/2022 9:47 AM
13	We love the parks. We support good quality public spaces with adequate parking.	3/21/2022 11:20 AM
14	I like all of these agencies. I would support expanding them.	3/16/2022 7:06 PM
15	None	3/13/2022 5:44 PM
16	Do a good job as is	3/13/2022 4:52 PM
17	Stop raising taxes	3/13/2022 4:27 PM
18	Perfect	3/12/2022 1:17 PM
19	Keep them strong!	3/12/2022 12:48 PM
20	No comment	3/12/2022 12:40 PM
21	We need lower taxes for citizens. At a minimum we need to limit the annual increase in budgets for these services.	3/12/2022 9:00 AM
22	The parks should be maintained as-is and not further expanded to accommodate larger crowds. Possibly upgrade the playground equipment. It would be nice to have some areas for tennis, pickleball, or other sportsnot within the current parks as there's not enough space.	3/11/2022 5:10 PM
23	I want to ensure these services are financially supported to ensure they continue to provide a high level of service to the community.	3/11/2022 4:18 PM
24	I have always thought that the park at the foot of Bingham Rd. would be a great place for a "Bingham Nature Center" including improved playscapes and picnic facilities and a short hiking trail and short pier. Our gift to the people of Leelanau County and the surrounding community.	3/11/2022 12:35 PM

25	Stop building more expensive government infrastructure.	3/11/2022 8:04 AM
26	Sharing is a good idea.	3/10/2022 3:45 PM
27	All is good	3/10/2022 2:37 PM
28	They seem to be doing a good job , but timely snow plowing is lacking	3/9/2022 9:12 PM
29	I'm pretty happy with services now. If our population increases more in the future, then these services might need to be expanded.	3/9/2022 1:18 PM
30	The services offered are adequate and meet the needs of residents. More services mean more taxes and we already pay enough - stay the course and keep Bingham rural conservative and simple in Leelanau	3/8/2022 7:25 PM
31	Protect and preserve natural public spaces and parks. Support local EMT/fire dept	3/6/2022 2:40 PM
32	I believe Police and EMT coverage is important and they currently perform an excellent job.	3/6/2022 11:46 AM
33	It makes sense to have shared services. Library is close and we have enough parks. Fire and EMT is responsive and quick. No improvements needed.	3/5/2022 11:23 AM
34	Great library and Fire-EMT Services!	3/4/2022 8:20 AM
35	Recycling center available to the township foot print	3/2/2022 2:59 PM
36	Shared services makes the most sense (budget wise) for a small community as long as that service doesn't suffer due to that.	2/28/2022 4:08 PM
37	I support Fire-EMT, parks, and the library. I think our parks and library are very good as is.	2/28/2022 2:19 PM
38	Fire-Emt is working well as well as the library.	2/28/2022 12:08 PM
39	They are sufficient	2/28/2022 11:58 AM
40	Keep up the good work. Continue to develop our parks.	2/28/2022 7:18 AM
41	A dog park would be a nice addition.	2/27/2022 12:42 PM
42	Improved water access/beach	2/26/2022 9:48 AM
43	Library, enlarge parks, town hall needs a building besides old school hose, I think that is what is was, too long ago	2/25/2022 10:25 PM
44	A sportsman park / gun range similar to Braham Hill in Northport.	2/25/2022 3:06 PM
45	Organized recreational activities at facilities such as line dancing, zumba, art fares, community dances, concerts, etc.	2/25/2022 2:50 PM
46	Continue as same, except we should explore a county-wide fire departmentLeelanau Metro.	2/25/2022 12:45 PM
47	I visited the S.B. Library a week ago and was blown away at the many of improvements and wonderful atmosphere contained within!	2/25/2022 10:51 AM
48	Doing fine as is.	2/24/2022 2:38 PM
49	a library in Lake Leelanau/community space	2/24/2022 12:57 PM
50	Excellent use of shared services.	2/23/2022 10:20 PM
51	A library would be nice. More public beach access on the bay would be nice	2/23/2022 8:16 PM
52	The present system appears to be adequate.	2/23/2022 5:51 PM
53	I love what you did with Herman Park. My kids and I utilize the tennis courts, small trail, and open field regularly. I'd like to see a few more areas like this. The library is doing great and we use it regularly. They have great programs for young kids, but would be nice to see things for middle and high school kids if there's interest. Or even SBPS and the library collaborating.	2/23/2022 5:04 PM
54	Natural areas for parks	2/23/2022 4:15 PM
55	Improve the existing township parks and expand where possible. Encourage land conservancies to promote more public recreational activities	2/23/2022 1:37 PM

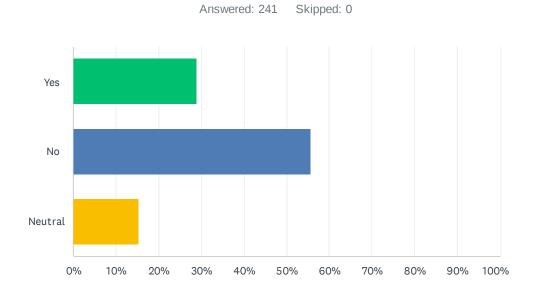
56	Nothing, Leave it like it is. Members of the Township should have to go to Detroit and spend a month to see what it's like living there.	2/23/2022 12:57 PM
57	None. Fine as is.	2/16/2022 8:08 PM
58	Current shared services working well. Evaluate as needed in the future based on community needs.	2/4/2022 4:04 PM
59	Very much enjoy and appreciate the parks. Am in favor of expanding the parks or incorporating new additions to promote exercise in the outdoors.	1/12/2022 11:17 PM
60	Public resources are great to have. They should be community owned and volunteer worked. We should have tool libraries, seed libraries, libraries for everything.	12/22/2021 6:59 PM
61	Keep funding current programs as needed	12/12/2021 6:37 PM
62	Just right	12/11/2021 10:02 AM
63	NA	12/10/2021 5:05 PM
64	presently am satisfied with the present. Maybe Bingham/Suttons Bay could share a junk ordinance person?	12/10/2021 3:44 PM
65	Happy with the shared services instead of each having our own.	12/5/2021 7:49 PM
66	Seems like services are fine now.	12/5/2021 3:44 PM
67	I have no issues with the current services provided.	12/5/2021 1:23 PM
68	All ready enough	12/5/2021 10:30 AM
69	Na	12/4/2021 9:33 PM
70	We have amazing services and many devoted servants. More hiking trails would be nice.	12/4/2021 7:07 PM
71	I think they work well for our current size/population	12/3/2021 8:11 PM

Q15 Do you support the placement of commercial/industrial-scale solar facilities in Bingham Township for renewable energy production?



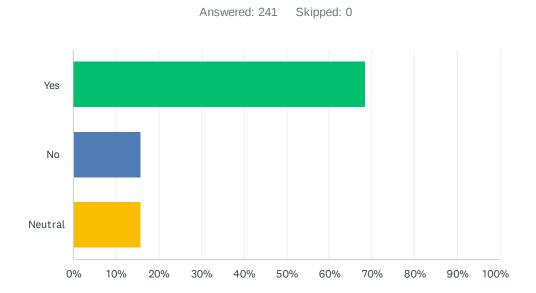
ANSWER CHOICES	RESPONSES	
Yes	44.40%	107
No	33.61%	81
Neutral	21.99%	53
TOTAL		241

Q16 Do you support the placement of commercial/industrial-scale wind turbine facilities in Bingham Township for renewable energy production?



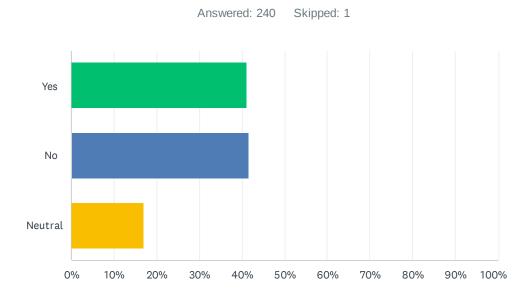
ANSWER CHOICES	RESPONSES	
Yes	29.05%	70
No	55.60%	134
Neutral	15.35%	37
TOTAL		241

Q17 Do you support residential-scale solar arrays for personal home renewable energy production in Bingham Township?



ANSWER CHOICES	RESPONSES	
Yes	68.46%	165
No	15.77%	38
Neutral	15.77%	38
TOTAL		241

Q18 Do you support residential-scale wind turbines for personal home renewable energy production in Bingham Township?



ANSWER CHOICES	RESPONSES	
Yes	41.25%	99
No	41.67%	100
Neutral	17.08%	41
TOTAL		240

Q19 Please share any thoughts you have on energy, electric, or renewable energy within Bingham Township not covered above.

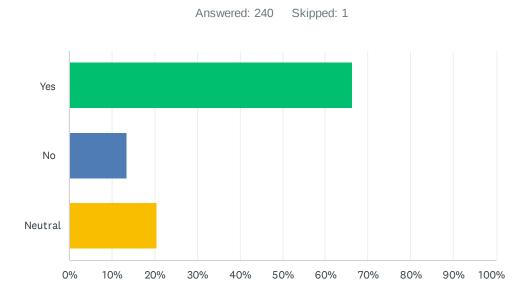
Answered: 65 Skipped: 176

#	RESPONSES	DATE
1	There needs to be municipal power stations, multiple plug in zone foe electric cars etc	5/25/2022 8:07 PM
2	Renewable energy is our future	5/17/2022 8:11 AM
3	Wind turbines have not been proven to be effective.	5/6/2022 10:38 AM
4	Homeowners should be allowed to generate geo-thermal energy, as well.	5/6/2022 10:33 AM
5	Large parcels covered with solar panels and/or turbines would be a blight on the landscape.	4/9/2022 4:34 PM
6	I believe we are at an "all hands on deck" moment with climate change. NIMBY isn't an option if we want to preserve our quality of life on the Great Lakes.	4/8/2022 11:06 AM
7	The important scenic character of the community makes me believe there are better places for commercial renewable energy.	4/8/2022 7:19 AM
8	I support solar but not at the expense of forest and support wind but not at the expense of bird life.	4/1/2022 11:06 PM
9	All of this renewable energy is a farce at this time. It does nothing more then trash the Landscaoe and create future waste issues	3/31/2022 12:05 PM
10	Renewable energy is smart, but I am oppossed to these being out in areas where they detract from the natural beauty of the region. There are places to 'hide' such structures while supporting renewable energy	3/31/2022 11:37 AM
11	We need renewable energy.	3/21/2022 11:20 AM
12	When possible bury wires.	3/17/2022 8:49 PM
13	Solar Panels and Wind Turbines look horrible. They ruin the charm of this township. Commercial no, residential with restrictions.	3/16/2022 7:06 PM
14	I feel strongly that solar should be encouraged for residents, but I'm not as much of a fan of wind turbines because of the look and size.	3/16/2022 6:44 PM
15	NA	3/13/2022 5:44 PM
16	Expensive electric	3/13/2022 4:52 PM
17	Green energy is a failure, green government energy is a failure x10. Don't waste my money on your stupid pet projects	3/13/2022 4:27 PM
18	The township should allocate funds to provide information on the actual effectiveness of renewable (wind/solar) in our winter climate. In order for citizens to make better informed decisions on personal renewable energy sources.	3/12/2022 12:56 PM
19	It is important that renewable energy installations be mindful of environmental impacts as well as the beauty of the area.	3/12/2022 12:48 PM
20	Thoughtful development to avoid negative environmental impact and natural beauty	3/12/2022 12:40 PM
21	As long as the installation is done so environmental aesthetics is not lost. Solar farms and wind turbines are valuable resources for energy, but are not aesthetically eye pleasing. If hidden , or offshore then okay.	3/12/2022 9:35 AM
22	I want reliable energy. Whatever support the township can give our local electric companies for reliable energy is important. And please don't confuse reliable for renewable.	3/12/2022 9:00 AM
23	I think the placement of solar or wind turbines needs to be carefully considered and not	3/11/2022 5:10 PM

	constructed in such a way that will detract from the beauty of the area (i.e. don't scrape the trees away or construct a huge eyesore). Also is there enough sun / wind to justify this? I think I recently heard the wind turbine at M72 is being removed, why is that?	
24	If someone want "green energy" at their residence and they pay for it, more power to them. If idiots in local government get involved in local green energy projects it's because they are idiots who don't know what they are doing or talking about because "green" energy is anything but green or renewable. It's a fraud compounded by a fraud.	3/11/2022 8:04 AM
25	I'm in total support of these options here.	3/9/2022 1:18 PM
26	Any development should be sensitive to surrounding properties and address impacts.	3/9/2022 10:37 AM
27	Learn from M72 project. Do not start this. It kills nature it is blight looks awful and is not needed to be endorsed or promoted ok Leelanau! If anything get residents more access to natural gas but NO to this alternative energy scam.	3/8/2022 7:25 PM
28	Only opposition to commercial alternative energy is the volume of land needed for that and the small area of the township	3/6/2022 2:40 PM
29	I would be concerned about no use and the appearance of the renewable energy sources.	3/6/2022 11:11 AM
30	Would also support solar arrays for small home businesses.	3/5/2022 8:00 PM
31	I would generally support it, but have seen situations elsewhere where easements have been granted to utilities that have altered/damaged or destroyed views of property owners.	3/3/2022 8:45 AM
32	Unless they can be hidden. They don't fit into our "quaint county side "	3/2/2022 8:14 AM
33	Each application should be considered on merits, ensuring it's appropriate for the given area. It should not take away from the area.	2/28/2022 4:08 PM
34	We HAVE to make it easy for people to transition away from fossil fuels. Climate change is the number one threat to our business.	2/28/2022 10:18 AM
35	Commercial/industrial scale solar and wind power although great for renewable energy resource are a huge negative in the way of wildlife and view. The last thing our natural lake and woodside views need are solar panels and wind turbines.	2/27/2022 2:49 PM
36	I believe commercial power suppliers should provide the energy to the residents of the township. Having ad hoc energy alternatives haphazardly strewn across the township will detract from the natural beauty of the area.	2/27/2022 12:42 PM
37	Turbines and solar rays are too expensive. The return is to far out, at the present time. Wait till these things are made more efficient, for the money outlay. This country and the world run on oil, natural gas, coal. Electric cars are a waste as they have to creat more energy to recharge all the batteries. Replacing batterie in one of these is ridiculous. Losing tax revenue from using fuel. There range is not good as yet	2/25/2022 10:25 PM
38	As long as they are added in a thoughtful manner, with consideration of nearby properties.	2/25/2022 6:19 PM
39	Expanding the network of natural gas lines.	2/25/2022 3:06 PM
40	Support when the renewable energy is a more reliable source.	2/25/2022 2:50 PM
41	I support all green energy options and would like to see more electric stations for EV cars.	2/25/2022 2:40 PM
42	This is one of the worst locations for solar!! We may have global warming, but the causes of it is being overshadowed by fanatic ideas that will ruin our standard of living.	2/25/2022 12:45 PM
43	There is enough blight in Bingham township already, please please don't add more by encouraging solar and wind farms.	2/25/2022 10:50 AM
44	The above with restrictions	2/24/2022 2:38 PM
45	bury all the over head power/cable/electrical etc lines.	2/24/2022 12:57 PM
46	We need to go with renewable energy sources. The placement and operation will need to be regulated/overseen by the local, state, and federal government to ensure that the local environment is not negatively impacted.	2/24/2022 9:52 AM
47	Renewable energies are the future	2/24/2022 8:46 AM

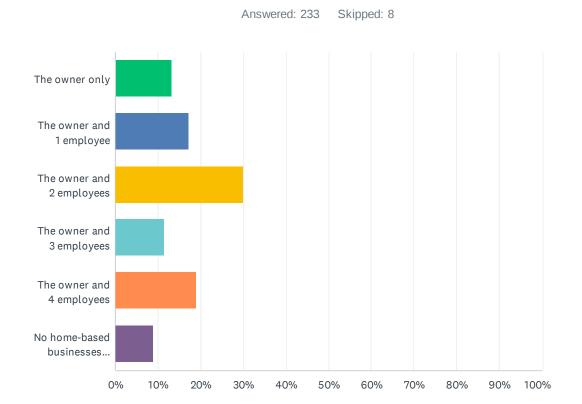
48	Wind and solar are the future	2/23/2022 8:16 PM
49	Has it been determined that these energy sources are necessary and sufficient to provide the township energy.	2/23/2022 5:51 PM
50	Try to encourage rooftop solar panels	2/23/2022 4:15 PM
51	Stop cutting our tress to add more pole lines.	2/23/2022 12:57 PM
52	No ugly solar arays and turbines like M72. Looks awful. We draw residents and visitors due to the natural features and it's already getting too urbanized/commercialized with so many STRs built/converted and loss of year around residents who know and care about each other.	2/16/2022 8:08 PM
53	small scale commercial solar would be acceptable	2/5/2022 9:12 AM
54	Residential scale with restrictions & requirements for maintenance/appearance.	2/4/2022 4:04 PM
55	I believe that solar and wind are important aspects to incorporate for our community's future.	1/12/2022 11:17 PM
56	The biggest cost/hinderance of solar and wind power is getting the power to where it needs to go. I am not sure Bingham Township can efficiently provided the infrastructure to deliver the power.	1/3/2022 2:11 PM
57	Every house and business should have local energy production on site. Every new construction should have proper hook ups to add solar/wind, batteries, and electric car chargers. Fossil gas/propane should be banned as heating & cooking, and equitable transition to electric stoves, heaters, and heat pumps. Bingham Township should be a net producer of energy, as distributed as possible.	12/22/2021 6:59 PM
58	Would love to see more renewable energy options and help make it easier for residents to obtain.	12/10/2021 5:05 PM
59	n.a.	12/10/2021 3:44 PM
60	More underground utilities replacing power poles. No windmills or solar panels as eliminates our beautiful peninsula land.	12/10/2021 10:56 AM
61	There are more mundane places to put commercial electric plants. There are better places to put unsightly equipment than on the top of the cathedral.	12/7/2021 7:05 PM
62	Grid power is reliable and cost effective due the large scale.	12/7/2021 11:07 AM
63	Wind turbines sound good to the uneducated but looking at the numbers they are extremely counterproductive, cost prohibitive and a huge eye sore not to mention the NEGATIVE impact on the environment	12/6/2021 7:51 AM
64	Do not like government subsidies for wind turbines.	12/5/2021 1:23 PM
65	We need major changes in our energy production even if it is somewhat inconvenient.	12/3/2021 8:11 PM

Q20 Do you support home-based business and cottage industries within residential areas of Bingham Township?



ANSWER CHOICES	RESPONSES	
Yes	66.25%	159
No	13.33%	32
Neutral	20.42%	49
TOTAL		240

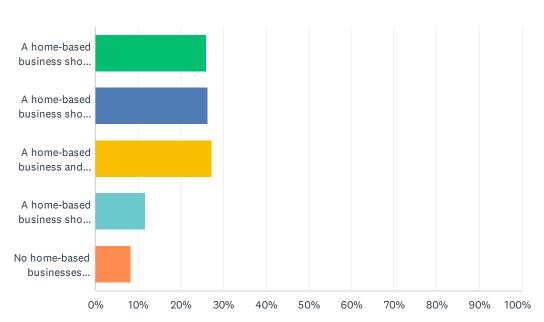
Q21 How many employees do you feel a home-based business should be limited to?



ANSWER CHOICES	RESPONSES	
The owner only	13.30%	31
The owner and 1 employee	17.17%	40
The owner and 2 employees	30.04%	70
The owner and 3 employees	11.59%	27
The owner and 4 employees	18.88%	44
No home-based businesses should be allowed	9.01%	21
TOTAL		233

Q22 Please select the confines of a home-based business that you agree with most?

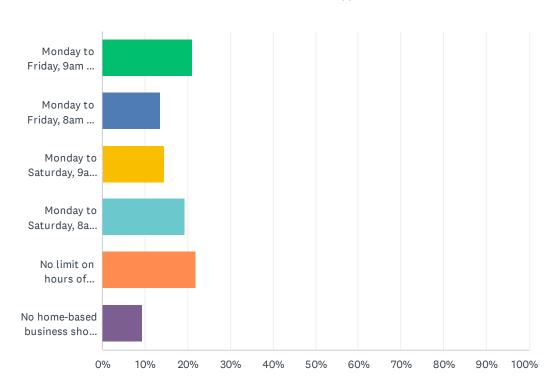




ANSWER CHOICES	RESPO	NSES
A home-based business should only take place within the confines of a structure	26.05%	62
A home-based business should be primarily conducted within the confines of a structure, but storage of materials and equipment can occur if screened from the view of neighbors and public right of ways	26.47%	63
A home-based business and accompanying work may occur inside or outside of the structure, but shall be screened from neighbors and the public right of ways	27.31%	65
A home-based business should not be restricted to a structure nor required to be screened	11.76%	28
No home-based businesses should be allowed	8.40%	20
TOTAL		238

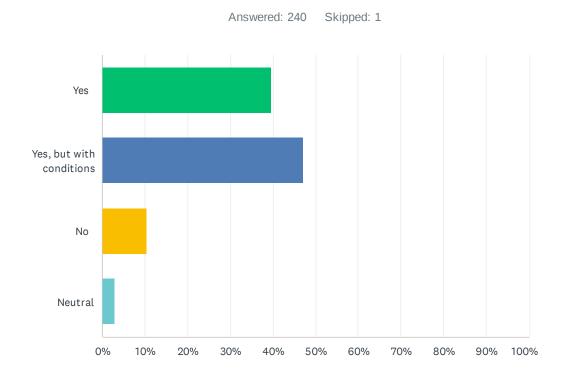
Q23 What hours of operation should a home-based business adhere to?





ANSWER CHOICES	RESPONSES	
Monday to Friday, 9am to 5pm	21.19%	50
Monday to Friday, 8am to 6pm	13.56%	32
Monday to Saturday, 9am to 5pm	14.41%	34
Monday to Saturday, 8am to 6pm	19.49%	46
No limit on hours of operation	22.03%	52
No home-based business should be allowed	9.32%	22
TOTAL		236

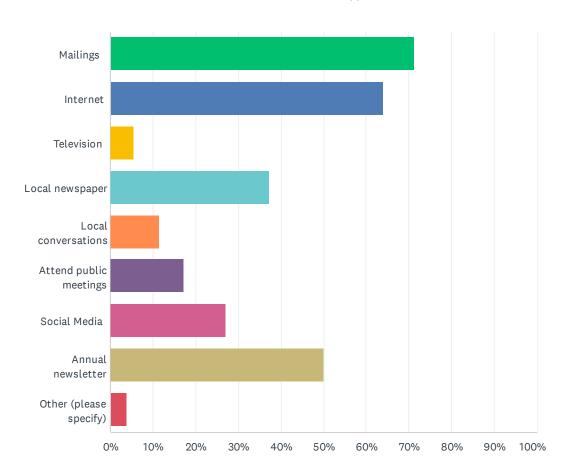
Q24 Do you support bed and breakfast operations within Bingham Township?



ANSWER CHOICES	RESPONSES	
Yes	39.58%	95
Yes, but with conditions	47.08%	113
No	10.42%	25
Neutral	2.92%	7
TOTAL		240

Q25 Where would you like to get your information about Bingham Township affairs and programs? Select all that apply.



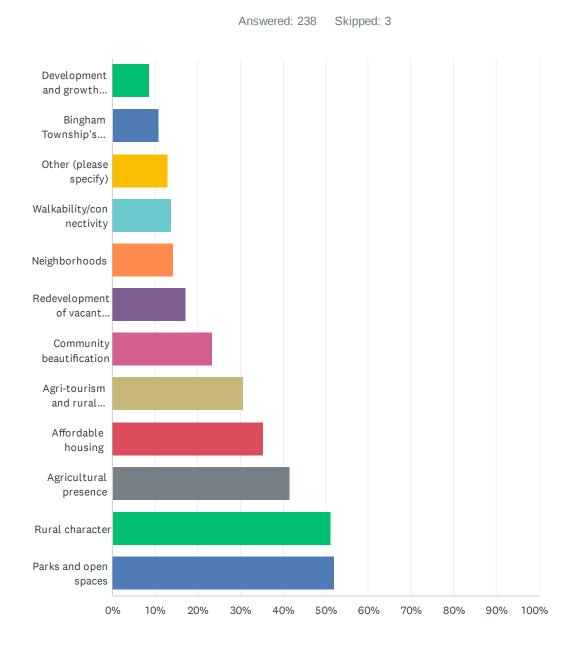


ANSWER CHOICES	RESPONSES	
Mailings	71.19%	168
Internet	63.98%	151
Television	5.51%	13
Local newspaper	37.29%	88
Local conversations	11.44%	27
Attend public meetings	17.37%	41
Social Media	27.12%	64
Annual newsletter	50.00%	118
Other (please specify)	3.81%	9
Total Respondents: 236		

#	OTHER (PLEASE SPECIFY)	DATE

1	E-newsletters	4/8/2022 7:19 AM
2	No junk mail! I would subscribe to an e-mail newsletter.	3/11/2022 7:07 PM
3	If I could subscribe to an email list to get updates that would be great	3/11/2022 5:10 PM
4	Regular Internet communication on Board meeting and results.	3/11/2022 12:35 PM
5	Email is an option for me.	3/9/2022 1:18 PM
6	Sign-up for E-mail blasts	3/4/2022 9:22 AM
7	Email	2/23/2022 3:24 PM
8	Email newsletter	12/10/2021 5:05 PM
9	Email	12/3/2021 4:14 PM

Q26 What are your top 3 priorities the Master Plan should focus on improving or preserving?



ANSWER CHOICES	RESPONSES	
Development and growth potential	8.82%	21
Bingham Township's culture	10.92%	26
Other (please specify)	13.03%	31
Walkability/connectivity	13.87%	33
Neighborhoods	14.29%	34
Redevelopment of vacant and/or underutilized properties	17.23%	41
Community beautification	23.53%	56
Agri-tourism and rural economy	30.67%	73
Affordable housing	35.29%	84
Agricultural presence	41.60%	99
Rural character	51.26%	122
Parks and open spaces	52.10%	124
Total Respondents: 238		

#	OTHER (DI EASE SPECIEV)	DATE
#	OTHER (PLEASE SPECIFY)	DATE
1	Preserving the area as a place for homeowners to live not for short term rentals.	5/28/2022 10:08 AM
2	Tree planting, revegetation	5/25/2022 8:07 PM
3	We are unable to get fast internet service because there are no underground cables.	5/6/2022 10:38 AM
4	Natural resource protection	4/8/2022 7:19 AM
5	Public land access, not conservancy	3/22/2022 11:45 AM
6	Your master plan should lower taxes and remove government workers	3/13/2022 4:27 PM
7	Your top priorities should be freedom and flexibility of your citizens to make personal choices with their property and life.	3/12/2022 9:00 AM
8	Parks, yes, but not trying to overdevelop tiny parks like Boughey. Pickleball Courts!	3/11/2022 7:07 PM
9	Prefer no more development	3/11/2022 12:39 PM
10	The Master Plan should primarily focus on the removal of local government entities and reduction of people who practice a collective mindset. Typically this is practiced by retired government employees that move to Leelanau County from out of area/state location. Any master plan should include a loyalty oath against retired government workers (like me) who feel it necessary to be busy body obnoxious rulers telling good hard people what to do and that just want to be left alone	3/11/2022 8:04 AM
11	affordable high-speed internet access, preferably fiber optic	3/9/2022 1:18 PM
12	The natural habitat of our valley	3/8/2022 11:05 PM
13	Blight ordinance	3/8/2022 8:14 PM
14	connections to public water and sewer	3/6/2022 11:46 AM
15	protect NIGHT SKY (restrict property lighting) Protect what few forest clusters are left. restrict ridgeline and development tree cutting. Ive been fighting this for years.	3/2/2022 2:33 PM
16	Eliminating STR's	3/2/2022 1:55 PM

17	not sure how you would define Bingham's culture-	2/28/2022 5:38 PM
18	Not adding Short Term rentals	2/28/2022 2:08 PM
19	blight / junk ordinance	2/28/2022 1:34 PM
20	non-motorized	2/28/2022 11:08 AM
21	Stoping clear cutting, replanting trees where clear cutting has taken place	2/26/2022 11:51 AM
22	Preserving what is left of the counties rural character. Bingham township has done a horrible job of "planning", so many areas in the county have been clear cut. This is destroying the very essence of Bingham Township.	2/25/2022 10:50 AM
23	Keeping government small as possible	2/24/2022 2:22 PM
24	Monitoring of STR	2/23/2022 7:19 PM
25	Fewer STRs	2/16/2022 8:08 PM
26	Renewable energy	1/25/2022 2:01 PM
27	A solid downtown, where people can live, work, eat, walk, and visit, on a human scale.	12/22/2021 6:59 PM
28	Maintaining the integrity of the township	12/12/2021 6:37 PM
29	Enforcement to remove trash and abandoned vehicles on residential property	12/10/2021 10:56 AM
30	Protection of the watershed	12/7/2021 11:07 AM
31	Water Quality/enhancing and protecting the natural environment	12/5/2021 7:49 PM