

Emmet County Community Vulnerabilities																					
	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
Population (2020 Decennial Census)	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Severe Winter Weather and Extreme Temperature Vulnerabilities</b>																					
Estimated number of residents with a disability	839	109	187	30	38	87	154	342	444	141	206	742	85	63	312	214	92	222			
% of residents > age 65	22.3%	25.9%	32.8%	23.4%	40.8%	23.1%	44.0%	22.5%	17.7%	20.5%	16.5%	23.5%	26.9%	32.7%	23.9%	17.6%	33.9%	43.9%	11.6%	35.2%	12.3%
Est. % of residents that are in poverty (in 2022)	7.8%	10.9%	30.7%	6.0%	8.8%	6.6%	11.0%	7.1%	11.1%	13.0%	9.5%	7.9%	10.9%	7.0%	3.8%	5.7%	11.5%	3.2%	11.8%	16.7%	13.4%
Est. % of households that are ALICE (in 2022)	33%	48%	65%	24%	46%	28%	40%	35%	33%	45%	51%	35%	38%	41%	19%	18%	52%	29%	N/A	N/A	N/A
Est. # of residents that are of a minority race	645	77	73	86	43	83	121	240	405	119	189	659	80	42	239	199	102	132	99	113	120
Est. # of residents that are of Hispanic or Latino origin (of any race)	112	4	5	10	2	10	20	57	49	10	11	140	27	7	64	25	12	27	7	24	4
Public Outdoor Recreation Acreage (excluding LTC properties)	2,269	13,412	6,945	6,309	1,556	5,092	79	1,068	1,582	2,862	9,965	1,522	10,096	5,636	690	10,702	6,507	132	Included in Littlefield Twp.	Included in Wawatam Twp.	Included in McKinley Twp. & Maple River Twp.
Private/Semi-private Outdoor Recreation Acreage	178	81	180	0	0	212	9	163	4	240	2,700	0	2,700	0	450	0	46	1,032	43	0	0
Emmet County-designated Agricultural Enterprise District Areas	X	X	X	X		X		X	X	X	X		X	X	X	X		X			

Emmet County Community Vulnerabilities																					
	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
Population (2020 Decennial Census)	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Thunderstorm, High Winds, Hail, Tornado Vulnerabilities</b>																					
Previous Tornadoes							1 (in 1957)	1 (in 1957)	1 (in 1987)		1 (in 1996)	2 (in 1953 and 1955)	1 (in 1957)					1 (in 1957)			
Est. # of Mobile Homes (2022)	198	45	132	40	19	16	45	48	448	49	94	0	36	32	87	30	33	24	72	5	51
Mobile Home Communities	Chalet Estates						Harbor Springs Estates	Conway Commons	6700 US-31; El Rancho						Bay Shore Estates						El Rancho; Banwell and Armock Roads
Campgrounds	Jellystone Park; Hearthside Grove Motorcoach Resort; Petoskey State Park	Wilderness State Park - campground and two rustic cabin sites						LTBBOI Rustic Campground	El Rancho RV Campers Country Club; Camp Petosega			Magnus Park		Blissfest CG	Sun Outdoors RV Park	Camp Petosega	KOA Campground Mackinaw City				El Rancho RV Campers Country Club; Artesian Springs RV Resort
Public Outdoor Recreation Acreage (excluding LTC properties)	2,269	13,412	6,945	6,309	1,556	5,092	79	1,068	1,582	2,862	9,965	1,522	10,096	5,636	690	10,702	6,507	132	Included in Littlefield Twp.	Included in Wawatam Twp.	Included in McKinley Twp. & Maple River Twp.
Private/Semi-private Outdoor Recreation Acreage	178	81	180	0	0	212	9	163	4	240	2,700	0	2,700	0	450	0	46	1,032	43	0	0
Emmet County-designated Agricultural Enterprise District Areas	X	X	X	X			X		X	X	X		X	X	X	X		X			
Communications Critical Infrastructure (CI): Towers/Structures	CCE 911 Call Center, 1694 US-131																				
Energy CI: petroleum fuel storage and pipelines ( <a href="https://pvnpm.phmsa.dot.gov/PublicViewer/">https://pvnpm.phmsa.dot.gov/PublicViewer/</a> )	Suburban Propane; Amerigas Propane		Natural Gas Pipeline						Alpine Propane; Ellsworth Farmers Exchange; Natural Gas Pipeline	Natural Gas Pipeline	Natural Gas Pipeline	Derrerr Oil and Propane			Natural Gas Pipeline	Natural Gas Pipeline	Natural Gas Pipeline; Enbridge Energy Line 5 Pipeline				Natural Gas Pipeline; Enbridge Energy Line 5 Pipeline
Energy CI: major overhead electrical transmission lines, 69 or 138 volts ( <a href="https://atlas.eia.gov">https://atlas.eia.gov</a> )	Yes	Yes	Yes	Yes		Yes		Yes				Yes	Yes		Yes		Yes				Yes; also 2 wind turbines
Estimated number of residents with a disability	839	109	187	30	38	87	154	342	444	141	206	742	85	63	312	214	92	222			
% of residents > age 65	22.3%	25.9%	32.8%	23.4%	40.8%	23.1%	44.0%	22.5%	17.7%	20.5%	16.5%	23.5%	26.9%	32.7%	23.9%	17.6%	33.9%	43.9%	11.6%	35.2%	12.3%
Est. % of residents that are in poverty (in 2022)	7.8%	10.9%	30.7%	6.0%	8.8%	6.6%	11.0%	7.1%	11.1%	13.0%	9.5%	7.9%	10.9%	7.0%	3.8%	5.7%	11.5%	3.2%	11.8%	16.7%	13.4%
Est. % of households that are ALICE (in 2022)	33%	48%	65%	24%	46%	28%	40%	35%	33%	45%	51%	35%	38%	41%	19%	18%	52%	29%	N/A	N/A	N/A
Est. # of residents that are of a minority race	645	77	73	86	43	83	121	240	405	119	189	659	80	42	239	199	102	132	99	113	120
Est. # of residents that are of Hispanic or Latino origin (of any race)	112	4	5	10	2	10	20	57	49	10	11	140	27	7	64	25	12	27	7	24	4

**Emmet County Community Vulnerabilities**

	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
<b>Population (2020 Decennial Census)</b>	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Lightning and/or Space Weather Vulnerabilities</b>																					
<b>Communications Critical Infrastructure (CI): Towers/Structures</b>	CCE 911 Call Center, 1694 US-131																				
<b>Energy CI: petroleum fuel storage and pipelines</b> ( <a href="https://pvnpm.s.phmsa.dot.gov/PublicViewer/">https://pvnpm.s.phmsa.dot.gov/PublicViewer/</a> )	Suburban Propane; Amerigas Propane		Natural Gas Pipeline						Alpine Propane; Ellsworth Farmers Exchange; Natural Gas Pipeline	Natural Gas Pipeline	Natural Gas Pipeline	Derrerr Oil and Propane			Natural Gas Pipeline	Natural Gas Pipeline	Natural Gas Pipeline; Enbridge Energy Line 5 Pipeline			Natural Gas Pipeline; Enbridge Energy Line 5 Pipeline	
<b>Energy CI: major overhead electrical transmission lines, 69 or 138 volts</b> ( <a href="https://atlas.eia.gov">https://atlas.eia.gov</a> )	Yes	Yes	Yes	Yes		Yes		Yes				Yes	Yes		Yes		Yes				Yes; also 2 wind turbines
<b>Airports (CI)</b>									Harbor Springs Airport		Pellston Regional Airport										Pellston Regional Airport
<b>Municipal Wastewater Infr. Sites</b>								Harbor Area Sewage Disposal Authority, 699 E Hathaway Rd				City WWTP at 1000 W. Lake St.									Village WWTP, 8636 Trailsend Rd
<b>Campgrounds</b>	Jellystone Park; Hearthsides Grove Motorcoach Resort; Petoskey State Park	Wilderness State Park - campground and two rustic cabin sites						LTBBOI Rustic Campground	El Rancho RV Campers Country Club; Camp Petosega			Magnus Park		Blissfest CG	Sun Outdoors RV Park	Camp Petosega	KOA Campground Mackinaw City			El Rancho RV Campers Country Club; Artesian Springs RV Resort	
<b>Public Outdoor Recreation Acreage</b> (excluding LTC properties)	2,269	13,412	6,945	6,309	1,556	5,092	79	1,068	1,582	2,862	9,965	1,522	10,096	5,636	690	10,702	6,507	132	Included in Littlefield Twp.	Included in Wawatam Twp.	Included in McKinley Twp. & Maple River Twp.
<b>Private/Semi-private Outdoor Recreation Acreage</b>	178	81	180			212	9	163	4	240	2,700		2,700		450		46	1,032	43		

**Emmet County Community Vulnerabilities**

	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston	
<b>Population (2020 Decennial Census)</b>	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774	
<b>Lake Michigan Shoreline Hazards</b>																						
<b>Lake MI Shoreline Flooding Issues</b>							Beach Drive, S. of Pennsylvania Ave.					Yes - along Little Traverse Wheelway						Wilderness Park Drive flooding in Oct. 2020 lakeshore flood				
<b>Lake MI Shoreline Erosion Issues</b>																						
<b>Critical Dunes</b>	Yes	Yes			Yes			Yes										Yes				
<b>High Risk Erosion Areas</b>	Yes	Yes			Yes									Yes	Yes				Yes			
<b>Lake MI Public Beach Access</b>	Petoskey State Park	Sturgeon Bay; Wilderness State Park	N/A	N/A	The Port of Cross		Zoll Street Park; City Beach		N/A	N/A	N/A	Magnus Park	N/A	Park Preserve; Middle Village Park	None	N/A		Cecil Bay; The Headlands; Village Beaches #1 and #2	Thorne Swift Nature Preserve	N/A	None	N/A
<b>Marinas connected to Lake MI</b>							City Marina; Walstrom Marina; Irish Boat Shop Marina					Petoskey City Marina			Bay Harbor Lake Marina							
<b>FEMA FIRMS issued - adjoining Lake MI</b>	6/1/2022	6/1/2022			6/1/2022	6/1/2022	6/1/2022	6/1/2022				6/1/2022		6/1/2022	6/1/2022			6/1/2022	6/1/2022		7/19/2022	
<b>FEMA FIRMS not locally adopted</b>	X	X													X			X				

Emmet County Community Vulnerabilities																					
	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
Population (2020 Decennial Census)	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Inland Flooding Vulnerabilities</b>																					
FEMA FIRM issued, NFIP participant					X	X	X	X				X		X		X		X		X	
Historic Flood Events					6/2/2011 heavy rain caused washout a few miles E. of Cross Village		9/3/2022 heavy rain caused washout of bluff at M-119 and Harrison St.; road closure		7/18/2020 heavy rain caused flooding of homes on Pingree Ave. in Oden												
Inland Flooding Areas of Concern (public input)	Tannery Creek corridor, especially around US-31; US-31 between Division Rd. and M-119; Bear River corridor along River Road; Bear River Rd., east of River Rd.	SW side of O'Neal Lake	Carp River, near US-31 and Lake Paradise; Lake Paradise		Wycamp Creek near W. side of Wycamp Lake, around Lakeshore Dr., Chippewa Dr. and Arbutus Rd.				Oden Island; Mission Rd. N. of Hilltop Rd.; Crooked River corridor	Snider Rd., S. of Crooked River; Cedar Rd. around White's Creek crossing; Crooked River to Burt Lake	Ely Rd, between Reed Rd. and US-31	Bear River corridor		Stormwater runoff from M-119 has caused erosion of the bluff, affecting and residential properties in Sequoia Yacht Club neighborhood near Good Hart		King Rd., west of Maxwell Rd.	French Farm Creek; Carp River near Cecil Bay Rd., Wilderness Park Dr., and Pointe Dr.	Five Mile Creek near M-119 and Lower Shore Dr.	Entire Village Area; Crooked River S. of M-68 and E. of US-31		
Dams (and hazard potential rating)		2 Low; O'Neal Lake Dam rated "unsatisfactory" condition	1 Low		1 Low				2 Low			1 Low				1 Low	2 Low	1 Significant; 4 Low	1 Low		
# of Road/Stream Crossings with a Moderate to Severe Rating	32		1		1	1	1	5	2	15	7	12			12	10	2	6	2		1
# of Bridges with Poor, Serious, Critical or Closed Ratings																				1	
Estimated number of residents with a disability	839	109	187	30	38	87	154	342	444	141	206	742	85	63	312	214	92	222			
% of residents > age 65	22.3%	25.9%	32.8%	23.4%	40.8%	23.1%	44.0%	22.5%	17.7%	20.5%	16.5%	23.5%	26.9%	32.7%	23.9%	17.6%	33.9%	43.9%	11.6%	35.2%	12.3%
Est. % of residents that are in poverty (in 2022)	7.8%	10.9%	30.7%	6.0%	8.8%	6.6%	11.0%	7.1%	11.1%	13.0%	9.5%	7.9%	10.9%	7.0%	3.8%	5.7%	11.5%	3.2%	11.8%	16.7%	13.4%
Est. % of households that are ALICE (in 2022)	33%	48%	65%	24%	46%	28%	40%	35%	33%	45%	51%	35%	38%	41%	19%	18%	52%	29%	N/A	N/A	N/A
Est. # of residents that are of a minority race	645	77	73	86	43	83	121	240	405	119	189	659	80	42	239	199	102	132	99	113	120
Est. # of residents that are of Hispanic or Latino origin (of any race)	112	4	5	10	2	10	20	57	49	10	11	140	27	7	64	25	12	27	7	24	4

Emmet County Community Vulnerabilities																					
	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
Population (2020 Decennial Census)	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Wildfire Vulnerabilities</b>																					
Eastern Pine and Red Pine Forest	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
Jack Pine Forest	X	X	X		X				X		X			X	X	X	X				X
Campgrounds	Jellystone Park; Hearthside Grove Motorcoach Resort; Petoskey State Park	Wilderness State Park - campground and two rustic cabin sites						LTBBOI Rustic Campground	El Rancho RV Campers Country Club; Camp Petosega			Magnus Park		Blissfest CG	Sun Outdoors RV Park	Camp Petosega	KOA Campground Mackinaw City		El Rancho RV Campers Country Club; Artesian Springs RV Resort		
Wildland Fire Incidents, 2014-2023 <a href="https://www.mcgi.state.mi.us/wildfire/index.html">https://www.mcgi.state.mi.us/wildfire/index.html</a>	1	1	2	3	2	1	0	8	4	11	4	2	1	0	2	7	2	1	1	0	1
Wildfire Hazard Concern Areas (from public input)	Farmland				Area along Chippewa Dr., Lake Shore Dr., Sturgeon Bay Dr.			Quick Road corridor between Hoyt and Pleasantview Roads			Farmland		Farmland					Farmland			
Emmet County-designated Agricultural Enterprise District Areas	X	X	X	X		X		X	X	X	X		X	X	X	X		X			
Estimated number of residents with a disability	839	109	187	30	38	87	154	342	444	141	206	742	85	63	312	214	92	222			
% of residents > age 65	22.3%	25.9%	32.8%	23.4%	40.8%	23.1%	44.0%	22.5%	17.7%	20.5%	16.5%	23.5%	26.9%	32.7%	23.9%	17.6%	33.9%	43.9%	11.6%	35.2%	12.3%
Est. % of residents that are in poverty (in 2022)	7.8%	10.9%	30.7%	6.0%	8.8%	6.6%	11.0%	7.1%	11.1%	13.0%	9.5%	7.9%	10.9%	7.0%	3.8%	5.7%	11.5%	3.2%	11.8%	16.7%	13.4%
Est. % of households that are ALICE (in 2022)	33%	48%	65%	24%	46%	28%	40%	35%	33%	45%	51%	35%	38%	41%	19%	18%	52%	29%	N/A	N/A	N/A
Est. # of residents that are of a minority race	645	77	73	86	43	83	121	240	405	119	189	659	80	42	239	199	102	132	99	113	120
Est. # of residents that are of Hispanic or Latino origin (of any race)	112	4	5	10	2	10	20	57	49	10	11	140	27	7	64	25	12	27	7	24	4
<b>Drought Vulnerabilities</b>																					
Public Outdoor Recreation Acreage (excluding LTC properties)	2,269	13,412	6,945	6,309	1,556	5,092	79	1,068	1,582	2,862	9,965	1,522	10,096	5,636	690	10,702	6,507	132	Included in Littlefield Twp.	Included in Wawatam Twp.	Included in McKinley Twp. & Maple River Twp.
Private/Semi-private Outdoor Recreation Acreage	178	81	180			212	9	163	4	240	2,700		2,700		450		46	1,032	43		
Municipal Water Systems							Yes					Yes								Yes	
Emmet County-designated Agricultural Enterprise District Areas	X	X	X	X		X		X	X	X	X		X	X	X	X		X			

**Emmet County Community Vulnerabilities**

	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston	
<b>Population (2020 Decennial Census)</b>	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774	
<b>Invasive Species Concerns</b>																						
<b>Areas identified as a locations of particular concern (from public input)</b>	Bear River corridor; Tannery Creek area near US-31; Round Lake - Powell Rd. boat launch		Lake Paradise - Paradise Trail boat launch	Larks Lake - Kaz Rd. boat launch					Crooked Lake			Bear River corridor				Pickerel Lake - Botsford Rd. boat launch; Crooked Lake	French Farm Lake					
<b>Public Health Emergency Vulnerabilities</b>																						
<b>Hospital or Assisted Living Facility (CI)</b>	Independence Village; American House						Bay Bluffs; The Village of Hillside	Pineview Cottage				McLaren Northern MI Hospital; Villa at the Bay			Mallard Cove				Perry Farms Village & The Birches			
<b>Estimated number of residents with a disability</b>	839	109	187	30	38	87	154	342	444	141	206	742	85	63	312	214	92	222				
<b>% of residents &gt; age 65</b>	22.3%	25.9%	32.8%	23.4%	40.8%	23.1%	44.0%	22.5%	17.7%	20.5%	16.5%	23.5%	26.9%	32.7%	23.9%	17.6%	33.9%	43.9%	11.6%	35.2%	12.3%	
<b>Est. % of residents that are in poverty (in 2022)</b>	7.8%	10.9%	30.7%	6.0%	8.8%	6.6%	11.0%	7.1%	11.1%	13.0%	9.5%	7.9%	10.9%	7.0%	3.8%	5.7%	11.5%	3.2%	11.8%	16.7%	13.4%	
<b>Est. % of households that are ALICE (in 2022)</b>	33%	48%	65%	24%	46%	28%	40%	35%	33%	45%	51%	35%	38%	41%	19%	18%	52%	29%	N/A	N/A	N/A	
<b>Est. # of residents that are of a minority race</b>	645	77	73	86	43	83	121	240	405	119	189	659	80	42	239	199	102	132	99	113	120	
<b>Est. # of residents that are of Hispanic or Latino origin (of any race)</b>	112	4	5	10	2	10	20	57	49	10	11	140	27	7	64	25	12	27	7	24	4	

**Emmet County Community Capabilities**

	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston	
<b>Population (2020 Decennial Census)</b>	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774	
<b>Police, Fire, and EMS Service Locations</b>	1 Fire Station on Division Road; 1 future fire station planned for Click Road.	1 Fire Station	1 Fire Station				Police Station and Fire Dept.	County Sheriff's Office; 1 Fire Station; 1 County EMS Station			At Pellston Airport: County Sheriff's station; Aircraft Rescue/Fire fighting	Fire Station /Public Safety; County Sheriff's Office & Jail		1 Township Fire Station on Wormwood Road; RFC Fire and Rescue on W. Robinson Rd.	County EMS Station; Petoskey Public Safety Station West; Resort Twp. Fire Station	Fire Station		Birchwood Fire and Medical First Response	Fire Station	County EMS Station; Fire Station in Cheboygan County side of the city	Fire Station	
<b>Emergency Shelter Sites</b>												Emmet County Fairgrounds									Village Recreation Center	
<b>Tornado Siren</b>		Wilderness State Park					E. Bluff Drive and N. Spring St.					At North Central Michigan College										
<b>Hospitals</b>	Odawa Casino; Odawa Hotel											McLaren Northern MI Hospital										
<b>County Planning and Zoning</b>	Yes - includes county zoning for 12 townships; remaining jurisdictions have their own zoning.																					
<b>County Master Plan</b>	Yes - 2021-2025																					
<b>County Parks and Rec. Plan</b>	Yes - 2023-2027																					
<b>Local Zoning Ordinance</b>	<a href="#">County Zoning - Updated May 2, 2024</a>						<a href="#">City Zoning - Updated May 20, 2024</a>	<a href="#">Township Zoning - Amended 2017</a>	<a href="#">County Zoning - Updated May 2, 2024</a>	<a href="#">City Zoning - March 2022</a>	<a href="#">Township Zoning, 2012</a>	<a href="#">County Zoning - Updated May 2, 2024</a>	<a href="#">Township Zoning, Amended 2021</a>	<a href="#">County Zoning - Updated May 2, 2024</a>	<a href="#">Township Zoning - Amended June 2023</a>	<a href="#">Village Zoning, Amended 1993</a>	<a href="#">Village Zoning, 2018</a>	<a href="#">Village Zoning, 2018</a>	<a href="#">Village Zoning, 2018</a>	<a href="#">Village Zoning, 2018</a>	<a href="#">Village Zoning, 2018</a>	<a href="#">Village Zoning, 2021</a>
<b>Local Master Plan</b>	2020					2024	2022	2023				2021	2009	2023	2024-2029			2020			2018	2024
<b>Local Parks &amp; Recreation Plan</b>	2021-2025					2009	2023-2027	2018-2022	2023-2027			2023-2027			2021-2025			2006-2011	2023-2027		2019-2024	2013-2018
<b>Local Capital Improvements Plan and related funding</b>							2024-2029					2022-2027									2023-2028	
<b>Local Farmland and Open Space Preservation Program (PDR)</b>															X							
<b>Dam Emergency Action Plans</b>	None of the dams in the County have a "high hazard potential" rating, and are therefore not required to have an Emergency Action Plan on file.																					
<b>Public beaches with HDNW water quality monitoring</b>	Petoskey State Park	Wilderness State Park; Sturgeon Bay			Cross Village Beach		Zorn Park	Little Traverse Township Park	Littlefield Township Park					Middle Village Park		Camp Petosega	Mackinaw City's Beaches #1 and #2					
<b>Soil Erosion, Sedimentation, and Stormwater Control enforcement/permitting</b>	Emmet County Planning, Zoning and Construction Resources Office											(City issues their own soil erosion control permits)	Emmet County Planning, Zoning and Construction Resources Office									
<b>State Construction Codes (enforced/permited by the County's Planning, Zoning and Construction Resources Office.)</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Watershed Management Plans (WMP) from Tip of the Mitt Watershed Council</b>	Tannery Creek WMP (2013); Little Traverse Bay WMP (2007)		Paradise Lake Management Plan (2017)	Larks Lake WMP (2022)		Little Traverse Bay WMP (2007)	Little Traverse Bay WMP (2007)	Little Traverse Bay WMP (2007)				Little Traverse Bay WMP (2007)	Little Traverse Bay WMP (2007)		Little Traverse Bay WMP (2007)	Little Traverse Bay WMP (2007)		Little Traverse Bay WMP (2007)				Little Traverse Bay WMP (2007)
<b>Lake Management Organizations</b>	Pickereel-Crooked Lakes Association; Walloon Lake Association and Conservancy		Paradise Lake Improvement Board and Paradise Lake Assn.	Larks Lake Association			Pickereel-Crooked Lakes Association	Pickereel-Crooked Lakes Association							Walloon Lake Association and Conservancy	Pickereel-Crooked Lakes Association						
<b>Local Floodplain Management Ordinance (NFIP participant; Flood Maps issued in 2022)</b>					X	X	X	X				X		X		X		X			X	
<b>State Designated Critical Dune Areas - permits issued by EGLE</b>	X	X			X			X									X					
<b>State Designated High Risk Erosion Areas - permits issued by EGLE</b>	X	X			X							X		X				X				
<b>Emmet County Phragmites Control Ordinance (enacted in 2010 to control and eradicate phragmites along the Lake MI Shoreline)</b>	X	X			X	X	X	X				X		X	X		X	X			X	
<b>Open Burning Regulations</b>	MDNR's website <a href="https://www2.dnr.state.mi.us/burnpermits/">https://www2.dnr.state.mi.us/burnpermits/</a> indicates if open burning is permitted in a county without a permit, or if there are burn permit restrictions in effect.						Not permitted	MDNR burn permits website				Not permitted	MDNR burn permits website				Permit required by the Village	MDNR burn permits website				



**Emmet County Community Capabilities**

	Bear Creek Township	Bliss Township	Carp Lake Township	Center Township	Cross Village Township	Friendship Township	Harbor Springs City	Little Traverse Township	Littlefield Township	Maple River Township	McKinley Township	Petoskey City	Pleasantview Township	Readmond Township	Resort Township	Springvale Township	Wawatam Township	West Traverse Township	Village of Alanson	Village of Mackinaw City	Village of Pellston
<b>Population (2020 Decennial Census)</b>	6,542	568	748	525	240	954	1,274	2,657	3,200	1,295	1,294	5,877	918	560	2,835	2,146	711	1,768	778	846	774
<b>Local Zoning Ordinances - Waterfront Protections</b>																					
<b>Minimum Waterfront Setback</b>	County Zoning Ordinance Section 22.11: Minimum Waterfront Setback						City Zoning: "Residential Waterfront" and "Waterfront" Zoning District setbacks; Floodplain and Shoreline Protection Strip (SPZ) Overlay Districts	Twp. Zoning: No specifics; Section 1105B Site Design Req. and Section 1508 Site Plan Review	County Zoning Ordinance Section 22.11: Minimum Waterfront Setback			Only site plan review requirements to indicate environmental features, including floodplains	Twp. Zoning Section 4.09: minimum 100 ft. setback from ordinary high water mark	County Zoning Ordinance Section 22.11: Minimum Waterfront Setback	Twp. Zoning Ord. Sections 1808 Waterfront Regulations, Setbacks and 2005 Site Plan Review	County Zoning Ordinance Section 22.11: Minimum Waterfront Setback		Twp. Zoning Section 312 W-1 Waterfront Overlay District. Applies to the lake side of M-119 and all of Harbor Point.	Only general site plan review requirements to identify natural		Village Zoning, Section 4.15 The Greenbelt Area is land and water 100' from center line of the Maple River; no buildings are permitted here
<b>Waterfront Greenbelt Requirement</b>	County Zoning Scenic Resource (SR) District 40' greenbelt requirement						City Zoning: Shoreline Protection Strip (SPZ) Overlay District	None	County Zoning; no SR district in Littlefield Twp.	County Zoning Scenic Resource (SR) District 40' greenbelt requirement	None	No major lakes in the Township; site plan review requirements to show how impacts on natural environment are mitigated	County Zoning Scenic Resource (SR) District 40' greenbelt requirement	Twp. Zoning Ord. Sections 1807, 1808 and 2005 Site Plan Review	County Zoning Scenic Resource (SR) District 40' greenbelt requirement		Twp. Zoning Section 312 W-1 Waterfront Overlay District. Applies to the lake side of M-119 and all of Harbor Point.	features how impacts on natural environment are mitigated	Site plan review requires identification of natural features; an Environmental Impact Statement may be required	Village Zoning, Section 4.15 The Greenbelt Area	
<b>Lake MI Shoreline Bluff Protection</b>			N/A	N/A	Emmet County Zoning Ordinance - Shoreline Bluff Protection Zone		City Zoning: Shoreline Protection Strip (SPZ) and Restricted Bluff Zone Overlay Districts	Twp. Zoning: No specifics; Section 1105B Site Design Req. and Section 1508 Site Plan Review	N/A	N/A	N/A	None	N/A	County Zoning Ordinance - Shoreline Bluff Protection Zone	Twp. Zoning Ord. Sections 1807, 1808 and 2005	N/A	N/A	Twp. Zoning: Waterfront Overlay Zoning District - along all of Township adjoining Lake MI Shoreline	N/A		N/A
<b>Critical Dune Areas</b>	Emmet County Zoning Ordinance	Emmet County Zoning Ordinance	N/A	N/A	Emmet County Zoning Ordinance	N/A	N/A	Twp. Zoning: Section 1105B Site Design Req. and Section 1508 Site Plan Review	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Emmet County Zoning Ordinance	N/A	N/A	N/A
<b>High Risk Erosion Areas</b>			N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Twp. Zoning Ord. Sections 1807 High Risk Erosion & Envtl. Areas and 2005 Site Plan Review	N/A	N/A		N/A	N/A	N/A