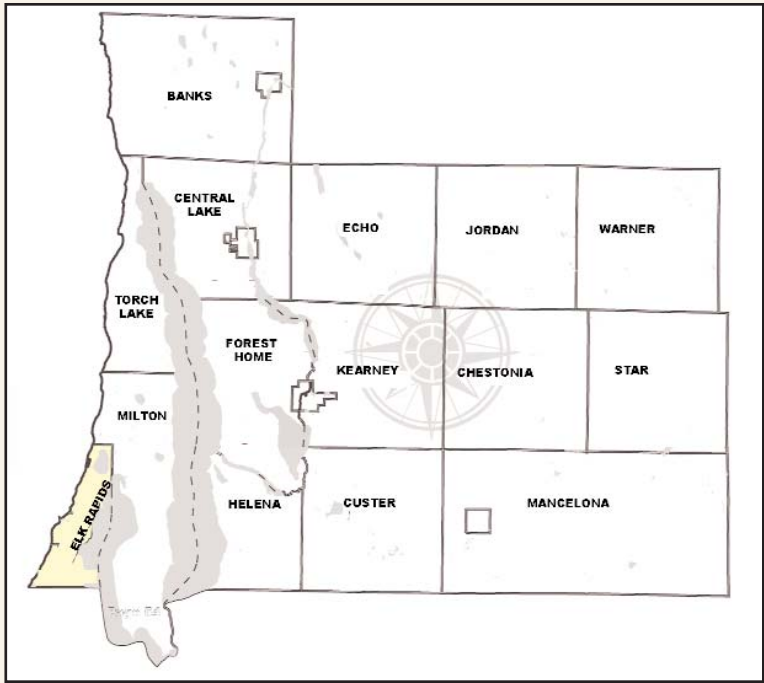


ELK RAPIDS TOWNSHIP



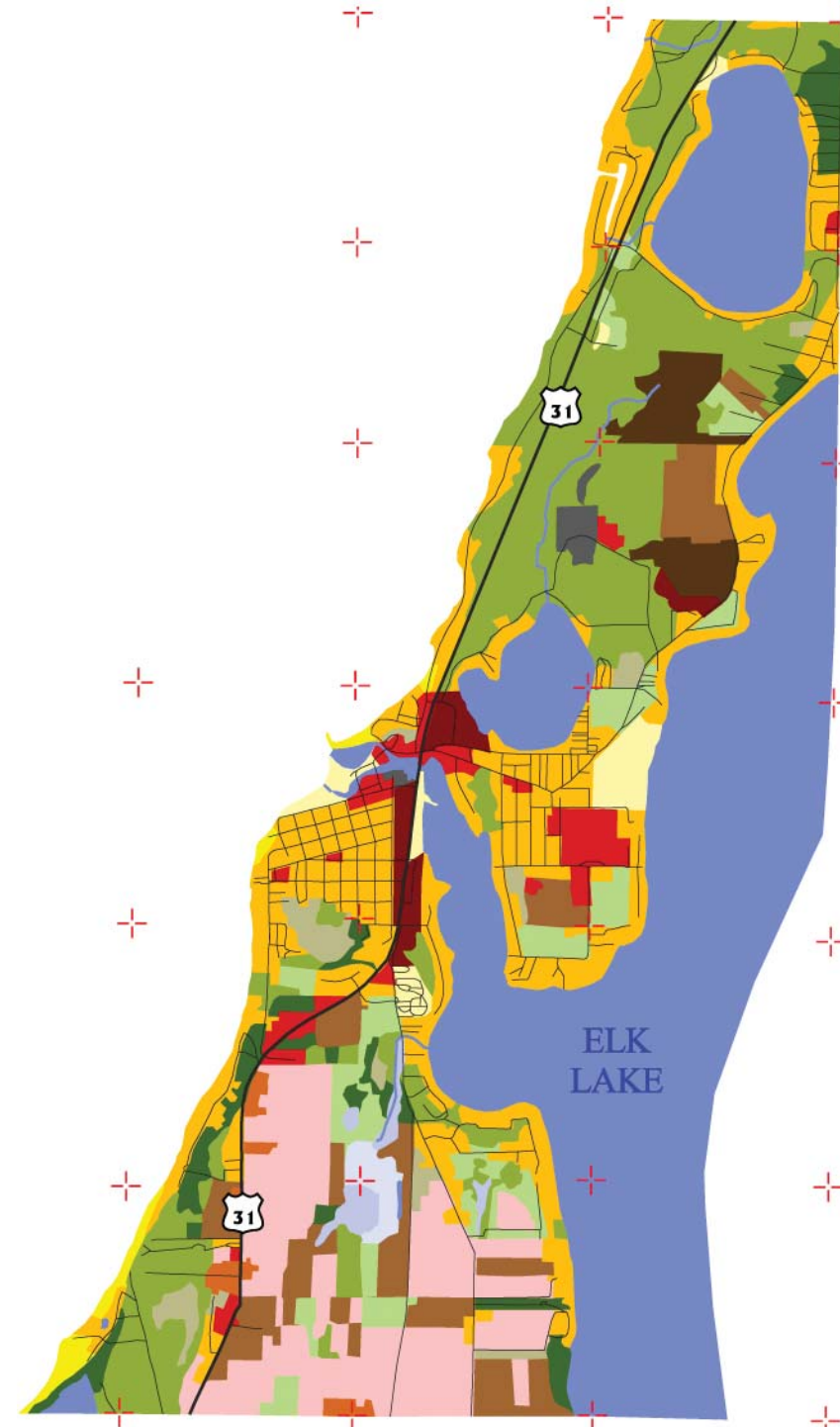
POPULATION TRENDS		
1980	1990	2000
2086	2374	2741
LAND USE TRENDS (ACRES)		
	1978	1998
Urban & Built Up	1229	1540
Agricultural Land	1322	1128
Grass & Shrub Lands	508	385
Forest Land	1370	1364
Water	2451	2451
Wetlands	68	84
Barren	51	47




























LAND USE 1978

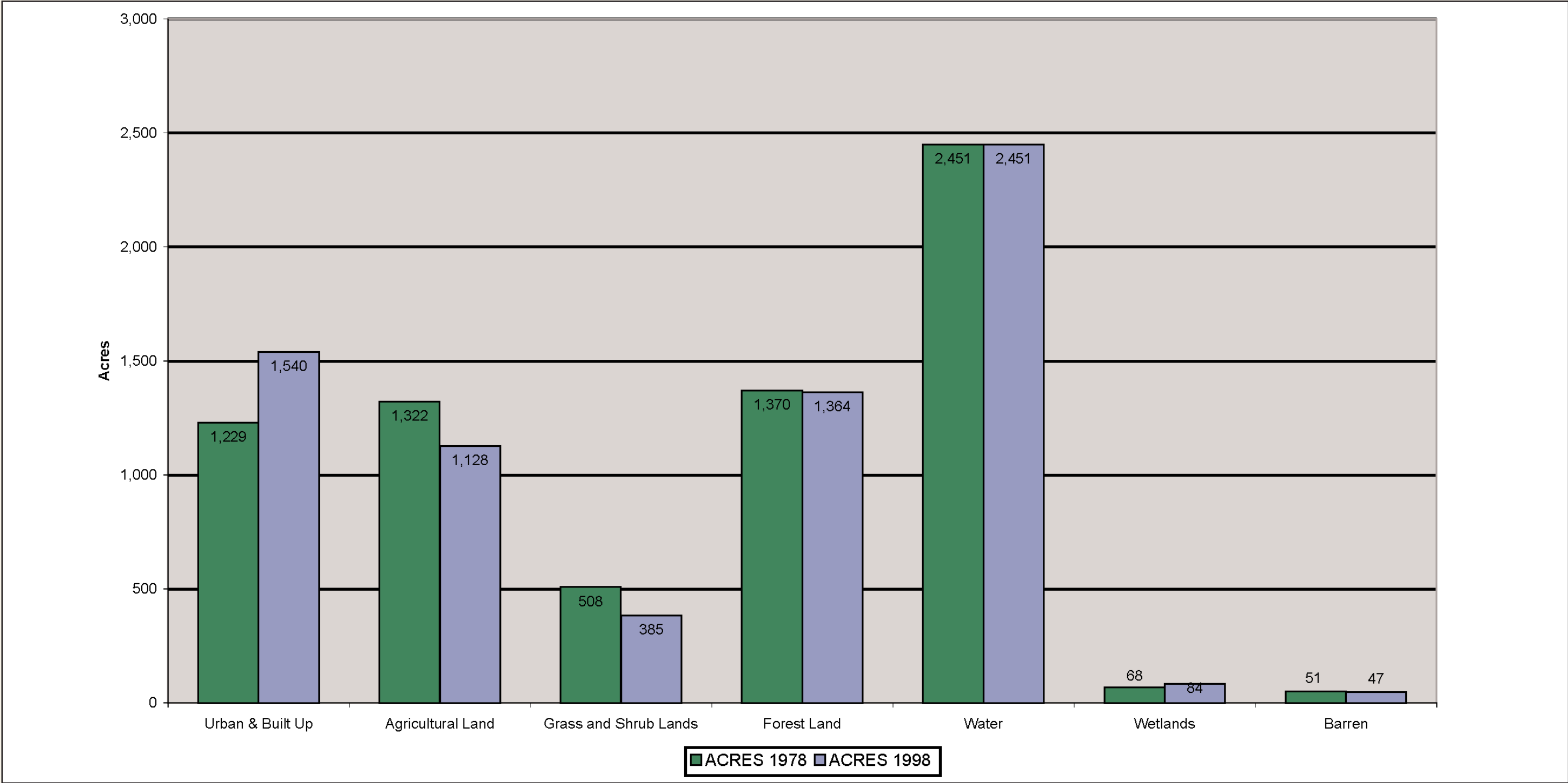


LAND USE 1998



- | | | | | |
|--|--|---|--|--|
|  Residential |  Open Land and Other |  Other Agricultural Land |  Coniferous Forest |  Reservoirs |
|  Commercial, Services, & Institutional |  Cropland |  Grasses and Forbs |  Mixed Conifer-Broadleaved Forest |  Forested (Wooded) Wetlands |
|  Industrial |  Orchards, Bush Fruits, and Vineyards |  Shrubs |  Clear-Cut Forest |  Non-Forested (Non-Wooded) Wetlands |
|  Transportation, Communication, Utilities |  Confined Feeding Operations |  Pine or Oak Opening |  Streams and Waterways |  Beaches and Riverbanks |
|  Extractive |  Permanent Pasture |  Broadleaved Forest |  Lakes |  Sand Dunes / Exposed Bluff |

MAJOR LAND USES 1978-1998



ACRES CHANGED

1998 Land Use Codes

1978 Land Use Codes	112	113	115	121	124	126	146	21	22	24	291	31	32	411	412	413	414	421	622	Total Acres	
113			4.05		8.18																12.24
12					1.96																1.96
126				3.96																	3.96
13					6.89																6.89
138					4.47																4.47
171		0.00																			0.00
193			3.68																		3.68
21		11.25			3.83				87.09	40.76		76.09	4.55			1.72		21.88	18.72		265.89
22		24.44			8.44	8.43		85.61			41.41	45.98	3.88	3.44	1.38	0.88					223.89
24								16.87				0.11		1.27							18.26
31	4.41	45.93	2.82		5.40	0.80		21.13	20.17				7.72	1.00		22.80		8.80			140.97
32	1.58	57.89	4.59		1.86			1.32						3.84	10.71	26.65	7.93	15.08			131.44
411												10.32						8.12			18.44
412	5.25	20.89																			26.15
413		21.84												7.96			57.11				86.90
414		40.26			7.08		4.07							126.41	1.81	7.26					186.89
421	2.10	21.73																			23.83
429																		4.32			4.32
612		2.55																			2.55
72		3.44																			3.44
Total Acres	13.34	250.23	15.14	3.96	48.11	9.22	4.07	124.93	107.26	40.76	41.41	132.50	16.15	143.92	13.89	59.31	73.16	50.07	18.72		1166.15

* Values may not sum to shown totals due to rounding

Land Use Code Legend

- | | | | |
|--|---|--|---------------------------------------|
| 11 Residential | 143 Water Transportation | 291 Farmsteads | 43 Mixed Conifer-Broadleaved Forest |
| 111 Multi-Family, Medium- to High-Rise | 146 Utilities | 31 Grasses and Forbs | 44 Clear-Cut Forest |
| 112 Multi-Family, Low-Rise | 17 Extractive | 32 Shrubs | 51 Streams and Waterways |
| 113 Single Family / Duplex | 171 Open Pit | 33 Pine or Oak Opening (prairie) | 52 Lakes |
| 115 Manufactured Home Park | 173 Wells | 331 Hardwood Opening | 53 Reservoirs |
| 119 Other Residential | 19 Open Land and Other | 332 Coniferous Opening | 61 Forested (Wooded) Wetlands |
| 12 Commercial, Services, & Institutional | 191 Outdoor Cultural | 41 Broadleaved Forest | 612 Shrub Swamps |
| 121 Primary / Central Business District | 192 Outdoor Public Assembly | 411 Northern Hardwoods | 62 Non-Forested (Non-Wooded) Wetlands |
| 124 Secondary / Neighborhood or Rural Businesses | 193 Outdoor Recreation | 412 Central Hardwoods / Oak | 621 Aquatic Bed Wetland |
| 126 Institutional | 194 Cemeteries | 413 Aspen-Birch | 622 Emergent Wetland |
| 13 Industrial | 21 Cropland | 414 Lowland Hardwoods | 623 Flats |
| 133 Primary Wood Processing | 22 Orchards, Bush Fruits, and Vineyards | 42 Coniferous Forest | 625 Open Water |
| 138 Industrial Park | 223 Ornamental Horticulture and Nurseries | 421 Pine | 629 Other Non-Forested Wetland |
| 139 Other (miscellaneous / automotive track) | 23 Confined Feeding Operations | 422 Other Upland Conifer | 72 Beaches and Riverbanks |
| 14 Transportation, Communication, Utilities | 24 Permanent Pasture | 423 Lowland Conifers | 73 Sand Dunes / Exposed Bluff |
| 141 Air Transportation | 29 Other Agricultural Land | 429 Managed Christmas Tree Plantations | |