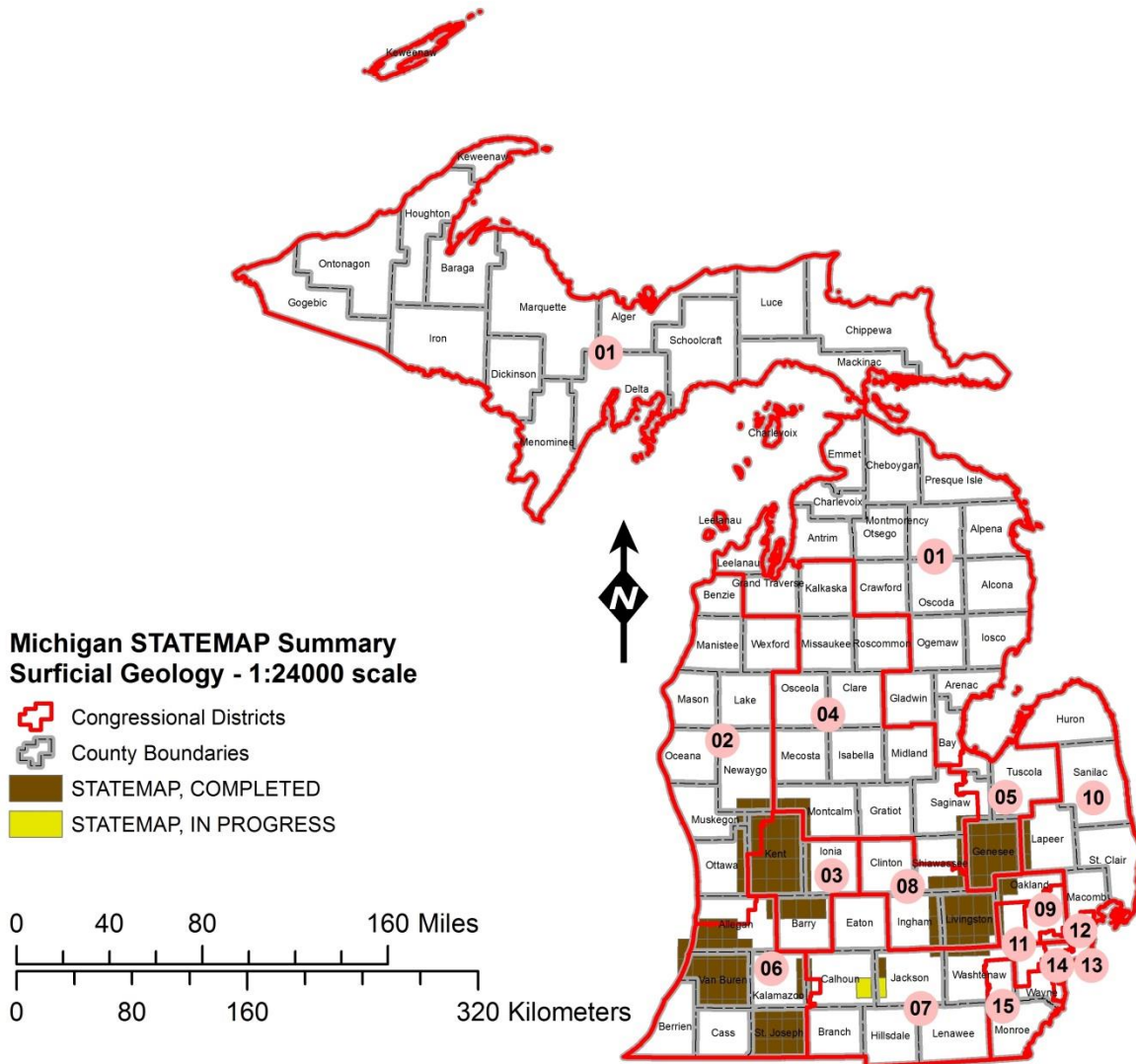


# National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping

## MICHIGAN



Contact information

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**Michigan Geological Survey, Western Michigan University:**  
Interim Director / STATEMAP Contact:  
Alan Kehew (269-387-5495)  
<http://mgs.geology.wmich.edu>

**U.S.G.S Geologic Mapping Program Office:**  
NCGMP Coordinator:  
Peter T. Lyttle (703-648-6943)  
STATEMAP Associate Coordinators:  
Linda J. Jacobsen (703-648-4335)  
Douglas A. Howard (703-648-6973)  
<http://ncgmp.usgs.gov>

## SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN MICHIGAN

Federal Fiscal Year	Project Title & Scale	State and Local Funding	Federal Funding	Total Project Funding
1995-1997	Surficial Geology of St. Joseph County, 1:24,000 Western Michigan University	\$112,522.00	\$112,212.00	\$224,734.00
1996-1999	Surficial Geology of Kent County, 1:24,000 Michigan State University	\$126,126.00	\$118,257.00	\$244,383.00
1998-2001	Surficial Geology of Van Buren County, 1:24,000 Western Michigan University	\$151,810.00	\$150,265.00	\$302,075.00
2000-2002	Surficial Geology of Genesee County, 1:24,000 Michigan State University and the Michigan Geological Survey Division	\$114,552.00	\$114,083.00	\$228,635.00
2003-2005	Surficial Geology of Livingston County, 1:24,000 Michigan Geological & Land Management Division	\$82,949.00	\$82,949.00	\$165,898.00
2002-2004	Surficial Geology of Allegan County, 1:24,000 Western Michigan University	\$96,721.00	\$96,619.00	\$193,340.00
2008	Surficial Geology of the Bowens Mill 7.5 Minute Quadrangle, Barry and Allegan Counties, Michigan, 1:24000 Michigan Office of Geological Survey	\$37,320.00	\$37,320.00	\$74,640.00
	Surficial Geology of the Hastings 7.5 Minute Quadrangle, Barry County, Michigan, 1:24000 Michigan Office of Geological Survey			
	Surficial Geology of the Middleville 7.5 Minute Quadrangle, Barry County, Michigan, 1:24000 Michigan Office of Geological Survey			
	Surficial Geology of the Woodland 7.5 Minute Quadrangle, Barry County, Michigan, 1:24000 Michigan Office of Geological Survey			
2012	Surficial Geology of the Augusta 7.5 Minute Quadrangle, Calhoun and Kalamazoo Counties, Michigan, 1:24000 Michigan Geological Survey	\$40,314.71	\$39,952.09	\$80,266.80
2013	Surficial Geology of the Climax 7.5 Minute Quadrangle, Calhoun and Kalamazoo Counties, Michigan, 1:24000 Michigan Geological Survey	\$59,044.00	\$58,829.00	\$117,873.00
	Surficial Geology of the Northeast Albion 7.5 Minute Quadrangle, Calhoun and Jackson Counties, Michigan, 1:24000, Michigan Geological Survey			
	<b>Totals</b>	<b>\$821,358.71</b>	<b>\$810,486.09</b>	<b>\$1,631,844.80</b>

***Geologic Mapping in Michigan***

The STATEMAP portion of the National Cooperative Geologic Mapping Act (NCGMP) has been of great service to the Michigan Geological Survey's (at Western Michigan University) efforts to produce high-quality, large-scale maps of the surficial geology of Michigan. Since 1995, STATEMAP funding has supported mapping the glacial materials that dominate Michigan's land surface. The accomplishments of STATEMAP in glacial mapping are important because ground-water yield, soil fertility, erosion potential, drainage, load-bearing capacity and suitability for construction materials all depend on glacial sediments. Planning officials, industry and the public will use this new geologic map information to make informed decisions on issues regarding natural resources for sustainable economic development.

Michigan's continued economic growth and the security of its people and environment are related to fundamental issues involving resources. Competition for land, water, mineral and biological resources by developers, industrial and mining interests, environmental action groups and private citizens has led to complex and often conflicting public-policy options needed for managing resources. It then becomes a formidable task for local and state decision-makers to ensure and promote economic growth. The water, land and mineral resource needs of a growing population must be met while managing the environment in a sustainable manner. Decisions made without an adequate base of earth-science information often increase the costs and risks to society and the environment. STATEMAP geologic mapping projects such as those listed above provide local government with basic earth science information that is critical for evaluating land-use activities and ensuring that enacted policies reflect smart growth options.

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