



Association of American
State Geologists



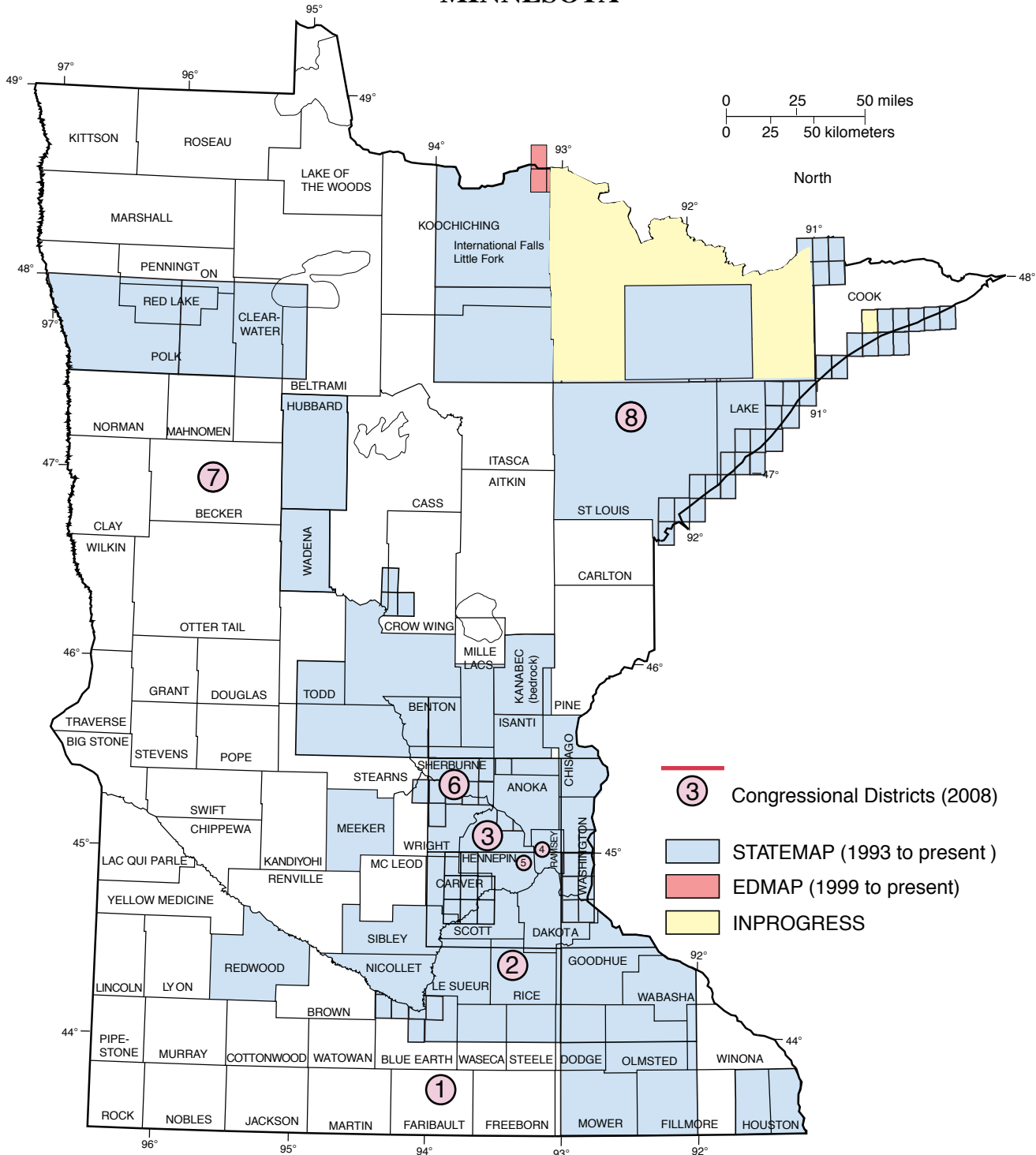
United States
Geological Survey



National Cooperative Geologic Mapping Program

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

MINNESOTA



Contact information

Minnesota Geological Survey

Director: Harvey Thorleifson (612/627-4780)
STATEMAP/EDMAP Contact: Harvey Thorleifson
(612/627-4780) <http://www.geo.umn.edu/mgs>

U.S.G.S. Geologic Mapping Program Office

Program Coordinators: Peter T. Lyttle (703/648-6943)
Martha Garcia (703/648-6978)
<http://ncgmp.usgs.gov/>

Federal Fiscal Year	Project Title, Scale	State Dollars	Federal Dollars	Total Project Dollars
1993	Digitization of data from COGEOGMAP projects (1987-92)	\$14,461	\$11,980	\$26,441
1994	Bedrock Geology of Houston County (eastern half) 1:100,000	\$18,000	\$18,000	\$36,000
1995	Bedrock Geology of Houston County (western half) 1:100,000	\$15,000	\$15,000	\$30,000
1996	Surficial Geology of the Shakopee (1:24,000) & Anoka (1:100,000) quadrangles	\$33,529	\$33,529	\$67,058
1997	Surficial Geology of the Jordan East & Victoria quadrangles, 1:24,000	\$36,734	\$36,733	\$73,467
1998	Surficial Geology of the Jordan West and Mound quadrangles, 1:24,000 Surficial Geology of the Stillwater and Hastings quadrangles, 1:100,000	\$41,515	\$41,515	\$83,030
1999	Surficial Geology of the Waconia quadrangle, 1:24,000 Surficial Geology of the St. Paul and Rochester quadrangles, 1:100,000	\$65,867	\$65,867	\$131,734
2000	Surficial Geology of the Watertown & Belle Plaine North quadrangles, 1:24,000 Surficial Geology of the Gull Lake, Baxter & Brainerd quadrangles, 1:24,000 Surficial Geology of the St. Cloud quadrangle, 1:100,000	\$76,942	\$76,912	\$153,854
2001	Surficial Geology of the Faribault quadrangle, 1:100,000 Surficial Geology of the Elk River & Big Lake quadrangles, 1:24,000 Surficial and Bedrock Geology of the French River & Lakewood quadrangles, 1:24,000 Bedrock Geology of the Babbitt NE & Knife River quadrangles, 1:24,000	\$156,081	\$156,081	\$312,162
2002	Surficial Geology of the Crown, Lake Fremon & Knife River quadrangles, 1:24,000 Surficial and Bedrock Geology of the Two Harbors quadrangle, 1:24,000 Bedrock Geology of the Mankato East/West & Castle Danger quadrangles, 1:24,000 Bedrock Geology of the Vermilion Lake quadrangle, 1:100,000	\$135,147	\$135,141	\$270,288
2003	Surficial Geology of the Monticello & Silver Creek quadrangles, 1:24,000 Surficial Geology of the Castle Danger quadrangle, 1:24,000 Bedrock Geology of the Split Rock Point quadrangle, 1:24,000 Bedrock Geology of the Judson & Good Thunder quadrangles, 1:24,000 Bedrock Geology of the Ely quadrangle, 1:100,000	\$125,987	\$125,987	\$251,974
2004	Surficial Geology of the Annandale & Buffalo West quadrangles, 1:24,000 Surficial Geology of the Austin quadrangle, 1:100,000 Bedrock Geology of the Two Harbors NE & Babbitt quadrangles, 1:24,000 Bedrock Geology of the Babbitt SE/SW, Courtland & Cambria quadrangles, 1:24,000 Bedrock Geology of the Stillwater & Hudson quadrangles, 1:24,000	\$149,554	\$149,554	\$299,108
2005	Geology of the Crookston (surficial) & Hastings (bedrock) quadrangles, 1:100,000 Bedrock Geology of the Schroeder, Tofte & Little Marais quadrangles, 1:24,000 Bedrock Geology of the St. Paul Park, Prescott & Vermillion quadrangles, 1:24,000	\$149,562	\$149,562	\$299,124
2006	Geology of the Fosston (surficial) & Big Fork (bedrock) quadrangles, 1:100,000 Bedrock Geology of the Lutsen & Coon Rapids quadrangles 1:24,000	\$140,030	\$140,032	\$280,062
2007	Surficial Geology of the Mora quadrangle 1:100,000 Bedrock Geology, topography and subsurface database of Duluth, Duluth Heights & West Duluth quadrangles 1:24,000 Bedrock Geology of Deer Yard Lake & Good Harbor Bay quadrangles, 1:24,000 Bedrock Geology of the Cavity Lake Fire area, 1:24,000	\$158,804	\$158,804	\$317,608
2008	Surficial Geology of the Duluth, Duluth Heights & West Duluth quadrangles, 1:24,000 Bedrock Geology of the Anoka & Lake Elmo quadrangles, 1:24,000 Bedrock Geology of Chisago County , 1:100,000	\$148,830	\$148,830	\$297,660
2009	Bedrock Geology of the Ham Lake area & Grand Marais quadrangle, 1:24,000 Bedrock and Surficial Geology of Sibley County , 1:100,000 Bedrock Geology of Nicollet County , 1:100,000	\$162,349	\$162,349	\$324,698
2010	Bedrock Geology of the Crane Lake quadrangle, 1:100,000 Bedrock Geology of the Kadunce quadrangle, 1:24,000 Bedrock and Surficial Geology of Anoka County , 1:100,000	\$149,798	\$149,798	\$299,596
2011	Bedrock Geology of Sherburne County , 1:100,000 Bedrock Geology of Morrison County , 1:100,000 Bedrock Geology of the Twin Cities Metropolitan Area , 1:100,000	\$111,275	\$111,275	\$222,550
2012	Surficial Geology of Meeker County , 1:100,000 Surficial Geology of Redwood County , 1:100,000 Bedrock Geology of the Pagami Creek area, 1:50,000 Bedrock Geology of the Marr Island & Hovland quadrangles, 1:24,000	\$146,718	\$146,718	\$293,436
2013	Bedrock Geology of Meeker County , 1:100,000 Bedrock Geology of Kanabec County , 1:100,000 Bedrock Geology of the International Falls & Little Fork quadrangles, 1:100,000	\$111,971	\$111,971	\$223,942
2014	Surficial Geology of Hubbard County , 1:100,000 Surficial Geology of Wadena County , 1:100,000 Bedrock Geology of the Devils Track Lake quadrangles, 1:24,000	\$105,184	\$105,185	\$210,369
2015	Bedrock Geology of the Central Arrowhead Area , 1:100,000	\$114,807	\$114,807	\$229,614
2016	Bedrock Geology of the Southern Arrowhead Area , 1:100,000	\$105,073	\$105,073	\$210,146
2017	Bedrock Geology of the Northern Arrowhead Area , 1:100,000 Bedrock Geology of the Mark Lake quadrangle, 1:24,000	\$142,343	\$142,343	\$284,686
10/18/17	TOTALS	\$2,615,561	\$2,613,046	\$5,228,607