

### Consumptive Use Coefficients By Water Use Category Among Great Lakes Jurisdictions and USGSà

Water Use Category	Illinois	Indiana	Michigan	Minnesota	New York	Ohio	Ontario	Pennsylvania	Quebec	Wisconsin	USGS 1995
<b>Public Supply</b>	10-15%	15%*	10-15%	10-15%	10%*	10-15%	10-15%	10%*	10-15%	10-15%	N/A
<b>Self-Supply Domestic</b>	10-15%	15%*	10-15%	10-15%	10%*	10-15%	10-15%	10%*	10-15%	10-15%	10-15% of withdrawals and deliveries
<b>Self-Supply Irrigation</b>	90%	90%	90%	90%	90%	90%	78%	90%	90%	70%	40-100% of withdrawals and theoretical crop requirements
<b>Self-Supply Livestock</b>	80%				90%*	80%				90%*	10-100% of withdrawals
<b>Self-Supply Industrial</b>	For both mfg. & mining varies by plant and SIC code	6%	10-15%*	For both mfg. & mining varies by plant and SIC code	25%*	10%; except salt mining is 90%*	Facility measured; varies by plant and facility*	For both mfg. & mining varies by plant and SIC code	10% for pulp and paper industry	10.2% for both mfg. and mining	10-40 % depending on type of industry
<b>Self-Supply Thermoelectric (Fossil Fuel)</b>	Varies by individual plant; est. using makeup water for each system.	2%	1-2% for plants using once-through cooling; plant by plant analysis for wet cooling towers*	2%*	2%*	Negligible; estimates based on indiv. plant reports of withdrawals, return flows.	0.9% based on reports of increased local lake evaporation due to discharge of heated water to lakes.	Varies among individual plants.	10%; estimates obtained from USGS report	0.5% - 1%	1-100% varies greatly depending on type of plant and cooling process
<b>Self-Supply Thermoelectric (Nuclear)</b>	Varies by individual plant; est. using makeup water for each system.	N/A Indiana has no facilities in the basin	1-2% for plants using once-through cooling; plant by plant analysis for wet cooling towers.*	2%*	5%*	14%; based on reports of increased local lake evaporation due to discharge of heated water to lakes.	0.9% based on reports of increased local lake evaporation due to discharge of heated water to lakes.	Varies among individual plants.	10%; estimates obtained from USGS report	0.5% - 1%	1-100% varies greatly depending on type of plant and cooling process
<b>Hydroelectric</b>	Coefficient for all states is 0%										
<b>Other</b>	Varies among states and provinces; based on individual evaluations and best information available, except Indiana which uses a 12% coefficient for this category.										

àbased on Great Lakes Commission Survey, Spring, 2002

\*denotes change from Great Lakes Regional Water Use Data Repository Representing 1993 Data