

**DRAFT Tracking Indicators:
Environment 9/03/08**

- Category = Indicator Category
 Subcategory = Indicator subcategory and description
 Data Set = Indicator data sources
 Rating = 1-3; 1 = Best
 Positive Direction = Which direction indicates positive direction for the region
 = B-List Indicators (Alternative indicators, will not track unless deemed necessary.)
 = Indicators of concern to the committee, but housed in other themes

Category	Subcategory	Data Set	Rating	Positive Direction
1 Air	1.1 Quality (state) <i>Good air quality days per year</i>	IEPA Annual Air Quality Report (http://www.epa.state.il.us/air/air-quality-report/)	2	Up
	1.2 Emissions (pressure/threat) <i>Annual air emissions</i>	Tabulate IEPA Annual Air Emissions reports or use SIP infc	1	Down
	1.3 Stewardship (human intervention) <i>Clean Air Counts participation</i>	Special report from Clean Air Counts	1	Up
2 Water	2.1 Ambient Water Quality (state) <i>Number of impaired miles or assessment units (streams, inland lakes, Lake Michigan) over time.</i> <i>% of beach days with closure per year</i>	IEPA Integrated Water Quality Report (http://www.epa.state.il.us/water/water-quality/index.html) Illinois Dept. Public Health Beach Monitoring (http://app.idph.state.il.us/envhealth/ilbeaches/public/default.aspx)	*** 1	Down Down
	2.2 Pollutant discharge (pressure/threat) <i>Annual permits to fill wetlands by county or watershed</i> <i>Number of NPDES numeric violations per year</i>	Special report from USACE Chicago and Rock Island Districts USEPA Permit Compliance System (http://www.epa.gov/enviro/html/pccs/pccs_query_java.html)	2 1	Down Down
	2.3 Stewardship (human intervention) <i>Number of watershed groups and number of plans that meet Nine Elements</i> <i>Investment by state/fed programs in water quality projects (e.g., Section 319, C2000)</i>	Chicago Wilderness and NIPC Watershed Inventory IEPA Section 319 Biannual Report (http://www.epa.state.il.us/water/watershed/reports/biannual-319/index.html) and C2000 Projects database (http://dnr.state.il.us/orep/c2000/ecosystem/projectSearch.asp)	1 1	Up Up
	2.4 Demand and Supply of Drinking Water <i>Use of deep bedrock aquifer and Lake Michigan</i> <i>Gallons of water used daily per capita by industrial, commercial, agricultural and residential per county or watershed</i>	IDNR Office of Water Resources annual reports, Illinois State Water Survey data USGS Water Use in the United States (http://water.usgs.gov/watuse/)	3,2 2	Down Down
	2.5 Drinking Water Quality <i>SDWA Violations per year per capita or similar</i>	Safe Drinking Water Information System/Federal Version (http://www.epa.gov/ogwdw000/data/pivottables.html)	2	Down
Move to Safety and Security?	2.6 Flooding <i>Dollar amount of flood insurance claims per capita per county or watershed</i>	NFIPstats (http://bsa.nfipstat.com/reports/reports.htm)	1	Down
3 Waste	3.1 Pressure/Threat <i>Amount of municipal solid waste landfilled, recycled, composted</i>	IEPA Landfill Capacity Reports (http://www.epa.state.il.us/land/landfill-capacity/index.html)	3	Mixed
Move to Reinvestment	<i>Sites completing SRP per year per county or as percent of estimated brownfield number</i>	IEPA Site Remediation Program (http://epadata.epa.state.il.us/land/srp/)	1	Up
4 Toxics	4.1 Pressure/Threat <i>Total amount of TRI chemicals released</i>	USEPA Toxic Release Inventory (http://www.epa.gov/tri/)	2	Down
5 Energy	5.1 Consumption by Source <i>Estimated source of energy in northeastern Illinois with renewables broken out</i>	Energy Information Administration, Center for Neighborhood Technology, contract report	3	Mixed
6 Climate Change	6.1 Pressure/Threat <i>GHG emissions by sector and county for current year</i>	Center for Neighborhood Technology	2	Down
	6.2 Consumption by Use <i>Per capita energy use time series (could make just electricity)</i>	Energy Information Administration, Center for Neighborhood Technology, contract report	3	Down
7 Biodiversity	7.1 Quality (state) <i>Bird counts (plus natural community audits, e.g., woods, grassland)</i> <i>Acreage and grade of INAI sites in NE Illinois by county and community</i> <i>Endangered/rare Species (listings per year or number per county)</i>	Chicago Wilderness and Audubon Habitat Project (http://www.habitatproject.org/) Special report by Illinois Natural History Survey Illinois Endangered Species Protection Board (http://dnr.state.il.us/espb/)	*** 1 2	Up Up Down
	7.2 Pressure/Threat <i>Presence of aquatic invasive species by county or HUC 8 drainage</i>	USGS Nonindigenous Aquatic Species database (http://nas.er.usgs.gov/)	2	Down
	7.3 Response <i>Open space considered conservation-oriented + value of bond issues over time</i> <i>Restoration projects (dollars per year)</i>	Compilation of forest preserve, federal, and state holdings. Compilation of expenditures by forest preserve districts	2 2	Up Up

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8 Agriculture	8.1 Quality (State) <i>Soil erosion (% of acres over T by county by year)</i>	<i>Illinois Soil Conservation Transect Survey</i>	2	Up
	8.2 Pressure/Threat <i>Percent of acres using conservation tillage practices by county</i>	<i>Illinois Soil Conservation Transect Survey</i>	2	Up
	8.3 Response <i>Acres enrolled in all USDA conservation programs by county by year</i>	<i>USDA FSA Program Reports (http://www.fsa.usda.gov/FSA/webapp?area=home&subject=copr&topic=crt) and NRCS program enrollment</i>	2	Up
9 Holistic	9.1 Sustainability <i>Ecological Footprint</i>	<i>CMAP special study</i>	***	Down
	9.2 Equity <i>Access to open space</i>	<i>CMAP special study</i>	1	Up
	9.3 Importance/Concern <i>Number of local governments interested in "green practices"</i>	<i>CMAP survey</i>	1	Up