Staff Recommendation: Tracking Indicators by Vision Theme

Draft: 8/4/2008

Category   =   Indicator Category
Subcategory   =   Indicator subcategory and description
Data Set   =   Indicator data sources
Rating   =   1-3; 1 = Best
Positive Direction =   Which direction indicates positiv e direction for the region
Tracking   =   Tracking progress towards regional v ision
                  =   B-List Indicators (Alternativ e indicators, will not track unless deem ed necessary.)

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
1 Highway Operations	**1.1 Congested Hours** *The average number of hours during specific time periods in which at least 20% of the vehicle-miles of travel on instrumented road network is congested. Congestion is defined to occur when link speeds are less than 50 mph.*	*Detector Data (Mobility Monitoring Program)*	1	Down	y
	1.2 Travel Time Index *Ratio of the average peak period travel time as compared to a free flow travel time.*	*Detector Data (Mobility Monitoring Program)*	1	Down	y
	1.3 Planning Time Index *Ratio of the total time needed to ensure 95% on-time arrival as compared to a free-flow travel time.*	*Detector Data (Mobility Monitoring Program)*	1	Down	y
2 Transit Operations	**2.1 Reliability** *on-time performance*	*RTA/Service Boards*	2	Up	y
	2.2 Passenger T rips and Passenger Miles	*RTA/Service Boards*	2	Up	y
	2.3 Access To Transit *# or percent of hhs and jobs within a specified distance to transit*	*American Community Survey*	1	Up	y
	2.4 Passenger Miles per Revenue Hour *Transit passenger miles traveled divided by the number of hours of revenue service by type of service*	*RTA/Service Boards*	2	Up	y
3 Walking and Bicycling	**3.1 Walkability/Bikeability** *Measured as Pedestrian Level of Service (PLOS) and Bicycle Level of Service (BLOS). Based on field research by Landis et al quantifying the perceived comfort level of both on-road cyclists and pedestrians along the road. Early results of CMAP research indicate strong relationship between PLOS and pedestrian crash rates.*	*IDOT, County data*	1	A = Best	y
	3.3 ADA Transition Plan Compliance *Governments with more than 50 employees must develop and implement transition plans to comply with the Americans with Disabilities Act and the Rehabilitation Act.*	*Survey of All Agencies and Most Municipalities*	1	High Compliance Rate	y
4 Mode Share	**4.1 Mode Share** *% of work trips by mode*	*American Community Survey*	1	Lower Single-Occupant Auto Share	y
5 Safety	**5.1 Crash Rate Per Capita** *# of crashes per person by crash severity*	*Crash Reports and American Community Survey population data*	1	Down	y
	5.2 Crash Rate Per VMT *# of crashes per vehicle mile traveled by crash severity*	*Crash reports and Vehicle Miles Traveled estimates*	1	Down	y

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
5 Safety	**5.3 Crash Proximity to Parks And Schools** *# of of crashes on arterial roads and local streets within a specified distance from a park or school*	*Crash Reports, Land Use data, Illinois State Board of Education School Database*	1	Down	y
	5.4 Incident Response *Incident response time*	*OEMC, IDOT, Tollway*	3	Down	y
6 Maintenance/ Investment	**6.1 Program Accomplishment** *% of Annual Element Accomplished, by Agency and Funding Program*	*For the Record, Transportation Improvement Program*	1	Up	y
	6.2 Road Condition/Rating System *Condition Rating. International Roughness Index % above 170 (poor)*	*Illinois Highway Information System*	1	Down	y
	6.3 Bridge Condition *Bridge Condition Rating. % Structurally deficient or functional obsolete (poor)*	*National Bridge Inventory*	1	Down	y
	6.4 Lane Miles by Facility Type *# of miles per lane by facility type*	IDOT data	1	Up	y
	6.5 Transportation Energy Consumption Per Capita *Average amount of energy a person consumed for transportation purposes in the region*	*Bureau of Transportation Statistics*	3	Down	y
	6.6 HHS Income Spent on Transportation *% of annual hhs income spent on transportation*	*Bureau of Labor Statistics*	3	Down	y
7 Aviation	**7.1 On-time Performance** *On-time arrival and departure performance by airport*	*Bureau of Transportation Statistics*	2	Up	y
	7.2 Destinations Served by Distance (Non-Stop) *# of non-stop destinations served by distance intervals*	*Airline Published Schedules*	2	Up	y
	7.3 Boardings *# of annual boarding by airport*	*Bureau of Transportation Statistics*	2	Up	y
8 Freight	**8.1 At-Grade Highway-Rail Grade Crossing Delay** *Vehicle-minutes of delay for at-grade crossings*	*ICC*	1	Down	y
	8.2 Percent of Truck Volumes Occurring Off-Peak *Vehicle Classification by Time-of-Day*	*Mobility Technologies or I-Pass Vehicle Classification by Time-of-Day*	1	Up	y
	8.3 Road Condition to Intermodal Facilities *Condition Rating for National Highway System Intermodal Connectors*	IDOT data	1	Down	y
	8.4 Container Travel Time *Rail travel time averages and variations across region for intermodal containers.*	*Trucking Industry or Waybill Data*	3	Down	y
	8.5 Truck Travel Time in Freight Significant Corridors *Average peak and offpeak travel time for trucks.*	*Detector Data (Mobility Monitoring Program)*	2	Down	y

DRAFT Tracking Indicators:
Housing 7/17/08

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
1 Housing Stock	**1.3 Transit Access** *# and % of housing units located within 1/2 mile of public transit*	Census Summary File 1 (2000), American Community Survey (2006, 2010+)	1	+	y
	1.1 Affordable Housing *# and % of regional housing units considered affordable based on IHDA definition*	CMAP tabulation of Census Summary File 3 (2000), American Community Survey (2006, 2010+) data	1	+	y
	1.2 Subsidized Housing Units *# of project based Section-8 housing units (with breakout for expiration risk)*	Chicago Rehab Network preservation database	1	+ (- at risk of expiration)	y
2 Supply and Demand for Housing	**2.1 S/D Deficit/Surplus by Cost** *Number of units available vs. in demand by pricepoint*	CMAP modeling/ tabulation of Census Summary File 3 (2000), American Community Survey (2006, 2010+) data	TBD	↔	
	2.2 S/D Gap/Surplus by Home Type *Number of units available vs. in demand by type of housing (<market, multifamily, single family)*	CMAP modeling/ tabulation of Census Summary File 3 (2000), American Community Survey (2006, 2010+) data	TBD	↔	
	2.3 Burden *# and % of households paying ≥ 30% of income on gross rent*	Census Summary File 3 (2000), American Community Survey (2006, 2010+)	1, 2	-	y
	# and % of households paying ≥ 30% of income on specified owner costs	Census Summary File 3 (2000), American Community Survey (2006, 2010+)	1, 2	-	y
	2.4 Overcrowding *% of occupied housing units with > 1 person per room*	Census Summary File 3 (2000), American Community Survey (2006, 2010+) data	1, 2	-	y
3 Strength of Regional Housing Market	**3.1 New Housing Starts** *# of Housing Starts*	National Association of Home Builders database	2	+	y
	3.2 Value *Ratio of median housing value to median income (adjusted for inflation)*	Census Summary File 3 (2000), American Community Survey (2006, 2010+)	1	≤ 3:1	
	3.3 Vacancy *# or % of vacant housing units*	Census Summary File 3 (2000), American Community Survey (2006, 2010+)	1,2	-	y
	3.4 Lending *Total value of mortgage lending (adjusted for inflation)*	Home Mortgage Disclosure Act Database	1	+	y
	3.5 Foreclosure *Number of foreclosures and/or as a % of total housing units*	Woodstock Institute database, Record Information Services	1	-	
4 Holistic	**4.1 Equity** *# of non-subprime mortgages approved for African American, Latino or Low Income Households*	Home Mortgage Disclosure Act Database	1	+	y
	4.2 Sustainability *Number of Energy Efficient Homes* **4.3 Innovation**	LEED and NAHB Databases	TBD	+	

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
	% of municipalities employing identified innovations in land use regulation	*perhaps municipal survey*	TBD	+	

DRAFT Tracking Indicators: Economic Competitiveness

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
1 Income	**1.1 Household** *Median family income*	*Census Summary File 1 (2000), American Community Survey (2006, 2010+)*	1	+	y
	1.2 Poverty *# and % of population in poverty (breakout for < 18 years of age)*	*Census Summary File 1 (2000), American Community Survey (2006, 2010+)*	1	-	y
	1.3 Cost of Living *Cost of Living Index (COLI)*	*Council for Economic and Community Research: ACCRA*	2	- or =	y
2 Workforce	**2.1 Employment** *Employment Rate*	*Illinois Department of Employment Security*	1	+	y
	2.2 Workforce Development *Number of adult participants in WD program who are employed in the first quarter after the exit quarter*	*Workforce Investment Area database (six common measures)*	2	+	TBD
3 Assets	**3.1 Property** *Commercial vacancy rate*	*coSTAR*	1	- or =	y
	3.2 New Construction *Number of commercial building permits issued*	*Building Permit Survey of the US Census Bureau*	2	+ or =	y
	3.3 Agricultural Land *Acres of land in farms*	*CMAP Land Use Inventory*	1	= (or+)	y
4 Business Environment	**4.1 Private Investment** *Total number of private business loans*	*Cummunity Reinvestment Act Database*	1	+ or =	y
	4.2 Taxing *MSA Rank in Corporate Tax Burden*	*Total corporate tax burden/total households (Tax Foundation database)*	3	- or =	y
	4.3 Productivity *Gross Regional Product*	*Bureau of Economic Analysis*	3	+	y
	4.4 Entreprenurialism *Small businesses retained after 2 years*	*Dunn and Bradstreet Database*	2	+	TBD
	4.5 Import/Export *Value ($) of goods exported annually vs. value ($) of goods imported annually*	*USA Trade Online*	1	+ (exports)	TBD
5 Holistic	**5.1 Equity** *Number and/or % of jobs located near affordable housing*	*Longitudinal Employer-Household Data (LEHD)*	1	+	y
	5.2 Sustainability *Degrees awarded (% in Math, Science, Technology or Engineering?)*	*The Education Trust: US DOE database*	1	+	y
	5.3 Innovation *Number of patents secured by Chicago MSA*	*US Patent and Trademark Office Database*	3	+	y

Reinvestment Indicators
DRAFT 7/16/08

Category	Subcategory	Data Set	Rating	Positive Direction	Tracking
1 Development Potential	**1.1 Infill** *Acres of Infill Potential*	*CMAP Infill Methodology: County Assessor Data,Improvement /Land Value Ratio*	1	= or -	y
	1.2 Brownfields *Number of potential brownfield parcels*	*CMAP Brownfields Methodology: EPA (TRI, LIT, RCRAInfo)*	1	-	y
2 Development	**2.1 Infill** *Acres of converted Infill Potential*	*CMAP Infill Methodology: County Assessor Data, Improvement /Land Value Ratio*	1	+	y
	2.2 Brownfields *Annual number of brownfield sites for which NFR letters have been issued*	*EPA: Site Remediation Program Database*	1	+	y
	2.3 Density *Acres of dense development*	*frequency of distribution of combined residential, commercial and industrial units: county assessor data files, Dunn &*	1	+	y
	2.4 Mixed Use *Parcels of mixed-use development*	*perhaps by matching addresses between county assessor and Dunn & Bradstreet*	TBD	+	
	2.5 Transit Access *# or % of people and jobs within 1/2 mile of transit*	*Census (ACS)*			
3 Infrastructure	**3.1 Water** *% of parcels located within FPA boundaries*	*FPA Shapefiles, CMAP Parcel Inventory*	1	+	y
	3.2 Electronic/Communications *Number or % of Zipcodes reporting one or fewer broadband carriers*	[FCC Broadband Deployment Data from Form 477](#)	1	-	y
4 Investment	**4.1 Public** *Value of public investment in infill and brownfield development*	*perhaps ILEPA, DCEO*	TBD	+	
	4.2 Private *Value of private lending for infill and brownfield development*	*CRA Data*	TBD	+	
5 Agriculture	**5.1 Acreage** *Acreage of cropland*	*CMAP Land Use Inventory*	1	= (or +?)	y
5 Holistic	**5.1 Equity** *% of brownfield acres in tracts of 50%+ non WNH population or Low Income*	*CMAP Infill Methodology, Census (ACS)*	1	-	y
	% Zipcodes with One Broadband Carrier with 50%+ non WNH population or Low Income	FCC Broadband Deployment Data from Form 477, Census (ACS)	1	-	y
	5.2 Sustainability *Acres of non-urbanized land*	*Land Use files*	1	= or +	y
	Number of tax sales (properties that have been sold for taxes at a previous time and are about to reach the end of the redemption period)	*Record Information Services*	1	-	y
	5.3 Innovation *% of municipalities employing identified innovations in land use regulation*	*perhaps municipal survey*	TBD	+	