# Staff Recommendation: Tracking Indicators by Vision Theme

Draft: 8/4/2008

DRAFT Tracking Indicators:
Transportation 7/25/08

| | | |
|---|---|---|
| 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 Trips 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**<br>*# 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**<br>*# 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**<br>*# 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**<br>*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**<br>*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**<br>*# 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**<br>*% 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**<br>*# of Housing Starts* | *National Association of Home Builders database* | 2 | + | y |
| | **3.2 Value**<br>*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**<br>*# or % of vacant housing units* | *Census Summary File 3 (2000), American Community Survey (2006, 2010+)* | 1,2 | - | y |
| | **3.4 Lending**<br>*Total value of mortgage lending (adjusted for inflation)* | *Home Mortgage Disclosure Act Database* | 1 | + | y |
| | **3.5 Foreclosure**<br>*Number of foreclosures and/or as a % of total housing units* | *Woodstock Institute database, Record Information Services* | 1 | - | |
| **4 Holistic** | **4.1 Equity**<br>*# of non-subprime mortgages approved for African American, Latino or Low Income Households* | *Home Mortgage Disclosure Act Database* | 1 | + | y |
| | **4.2 Sustainability**<br>*Number of Energy Efficient Homes* | *LEED and NAHB Databases* | TBD | + | |
| | **4.3 Innovation** | | | | |

| 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 | + | |