

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 positive direction for the region
 Tracking = Tracking progress towards regional vision
 = B-List Indicators (Alternative indicators, will not track unless deemed necessary.)

| Category | Subcategory | Data Set | Rating | Positive Direction | Tracking |
|-------------------------|--|--|--------|----------------------------------|----------|
| 1 Highway Operations | 1.1 Congested Hours <i>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.</i> | <i>Detector Data (Mobility Monitoring Program)</i> | 1 | Down | y |
| | 1.2 Travel Time Index <i>Ratio of the average peak period travel time as compared to a free flow travel time.</i> | <i>Detector Data (Mobility Monitoring Program)</i> | 1 | Down | y |
| | 1.3 Planning Time Index <i>Ratio of the total time needed to ensure 95% on-time arrival as compared to a free-flow travel time.</i> | <i>Detector Data (Mobility Monitoring Program)</i> | 1 | Down | y |
| 2 Transit Operations | 2.1 Reliability <i>on-time performance</i> | <i>RTA/Service Boards</i> | 2 | Up | y |
| | 2.2 Passenger Trips and Passenger Miles | <i>RTA/Service Boards</i> | 2 | Up | y |
| | 2.3 Access To Transit <i># or percent of hhs and jobs within a specified distance to transit</i> | <i>American Community Survey</i> | 1 | Up | y |
| | 2.4 Passenger Miles per Revenue Hour <i>Transit passenger miles traveled divided by the number of hours of revenue service by type of service</i> | <i>RTA/Service Boards</i> | 2 | Up | y |
| 3 Walking and Bicycling | 3.1 Walkability/Bikeability <i>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.</i> | <i>IDOT, County data</i> | 1 | A = Best | y |
| | 3.2 ADA Transition Plan Compliance <i>Governments with more than 50 employees must develop and implement transition plans to comply with the Americans with Disabilities Act and the Rehabilitation Act.</i> | <i>Survey of All Agencies and Most Municipalities</i> | 1 | High Compliance Rate | y |
| 4 Mode Share | 4.1 Mode Share <i>% of work trips by mode</i> | <i>American Community Survey</i> | 1 | Lower Single-Occupant Auto Share | y |
| 5 Safety | 5.1 Crash Rate Per Capita <i># of crashes per person by crash severity</i> | <i>Crash Reports and American Community Survey population data</i> | 1 | Down | y |
| | 5.2 Crash Rate Per VMT | | | | |

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| | # of crashes per vehicle mile traveled by crash severity | Crash reports and Vehicle Miles Traveled estimates | 1 | Down | y |
| 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. | 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 |