



MEMORANDUM

To: CMAP Economic Development Committee

From: CMAP Staff

Date: January 22, 2018

Re: Draft ON TO 2050 Inclusive Growth Economy Kindred Indicators

Following an approach established in GO TO 2040, the ON TO 2050 plan will include various topic-specific indicators, which are a set of performance measures to benchmark the region's progress on plan implementation. The final set of indicators should highlight and complement all of the major recommendations made in ON TO 2050.

During the development process, CMAP staff have explored refinements to existing policy, as well as new policy topics not included in GO TO 2040. Through strategy papers, CMAP staff have engaged in rigorous research that will shape the next plan's recommendations. Given recent research on the relationship between opportunity and economic growth, CMAP staff identified inclusive growth as a key priority for ON TO 2050, establishing it as one of only three overarching principles guiding strategies in the next plan. Inclusive growth will inform ON TO 2050 recommendations, cutting across CMAP's core policy areas of regional economy, land use, environment, governance, and mobility.

In identifying the set of indicators for ON TO 2050, staff first began by reviewing the existing GO TO 2040 indicators, as revised via the Plan Update process in 2014 and informed by subsequent research. GO TO 2040 provided a strong vision for the region's future, but did not directly address the role economic opportunity plays in long-term regional economic performance. As a result, GO TO 2040 did not include indicators to benchmark the region's progress on inclusive growth.

In alignment with CMAP's strategy to measure regional progress, ON TO 2050 will monitor plan implementation and the region's progress in creating a more inclusive region. ON TO 2050 will include a set of "kindred" indicators related to inclusive growth that measure the region's performance in each of CMAP's core policy areas. These kindred indicators do not

have identified targets but provide additional insights into the regional economy, as well as the region’s progress on implementing inclusive growth strategies.

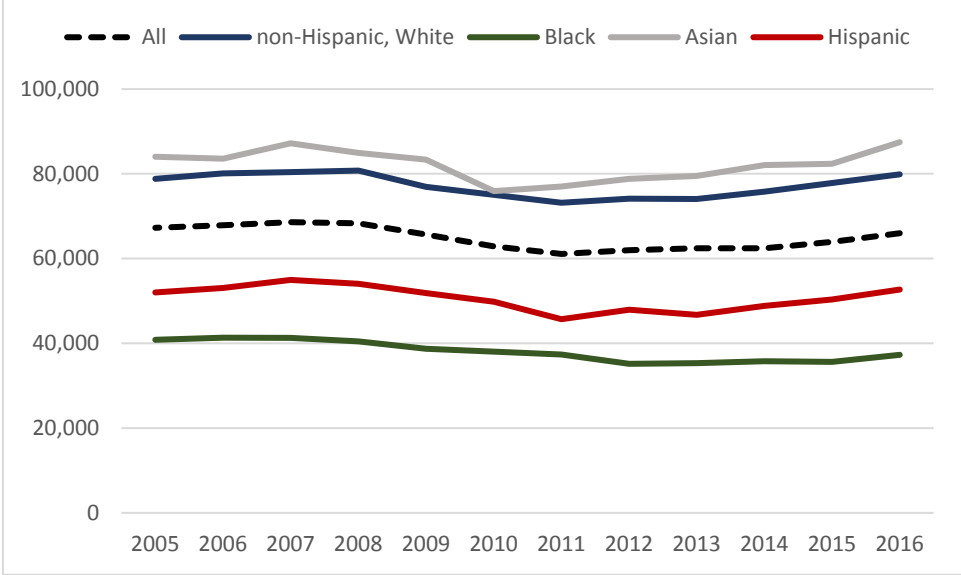
Recommended ON TO 2050 kindred indicators

The following tables summarizes the recommended ON TO 2050 kindred indicators for inclusive growth as relate to the regional economy. Together with existing plan indicators, these indicators offer performance measures to benchmark our progress on implementation of the ON TO 2050 plan.

ON TO 2050 Core Economy Indicator	Population age 25 and over with an associate’s degree or higher																																																																														
Kindred Indicator	Population age 25 and over with an associate’s degree or higher <i>by race and ethnicity</i>																																																																														
Description	<p>This measure reports the share of the population in the Chicago metropolitan statistical area age 25 years and over that have obtained at least an Associate’s degree by race and ethnicity. Data come from the American Community Survey.</p> <p><i>Share of population 25+ years with at least an associate’s degree by race and ethnicity, 2005-2016</i></p> <table border="1"> <caption>Estimated data for the line chart: Share of population 25+ years with at least an associate's degree by race and ethnicity, 2005-2016</caption> <thead> <tr> <th>Year</th> <th>White, non-Hispanic</th> <th>Black</th> <th>Asian</th> <th>Hispanic</th> <th>All</th> </tr> </thead> <tbody> <tr><td>2005</td><td>44%</td><td>27%</td><td>68%</td><td>15%</td><td>38%</td></tr> <tr><td>2006</td><td>44%</td><td>25%</td><td>66%</td><td>14%</td><td>37%</td></tr> <tr><td>2007</td><td>45%</td><td>26%</td><td>66%</td><td>14%</td><td>38%</td></tr> <tr><td>2008</td><td>46%</td><td>27%</td><td>68%</td><td>15%</td><td>39%</td></tr> <tr><td>2009</td><td>47%</td><td>25%</td><td>67%</td><td>15%</td><td>39%</td></tr> <tr><td>2010</td><td>48%</td><td>26%</td><td>68%</td><td>15%</td><td>40%</td></tr> <tr><td>2011</td><td>49%</td><td>27%</td><td>65%</td><td>16%</td><td>40%</td></tr> <tr><td>2012</td><td>50%</td><td>28%</td><td>68%</td><td>17%</td><td>41%</td></tr> <tr><td>2013</td><td>51%</td><td>29%</td><td>69%</td><td>17%</td><td>42%</td></tr> <tr><td>2014</td><td>52%</td><td>30%</td><td>69%</td><td>18%</td><td>43%</td></tr> <tr><td>2015</td><td>52%</td><td>29%</td><td>69%</td><td>19%</td><td>43%</td></tr> <tr><td>2016</td><td>52%</td><td>30%</td><td>70%</td><td>20%</td><td>44%</td></tr> </tbody> </table> <p>Source: Chicago Metropolitan Agency for Planning analysis of American Community Survey data, 1-year estimates, 2005-2016.</p>	Year	White, non-Hispanic	Black	Asian	Hispanic	All	2005	44%	27%	68%	15%	38%	2006	44%	25%	66%	14%	37%	2007	45%	26%	66%	14%	38%	2008	46%	27%	68%	15%	39%	2009	47%	25%	67%	15%	39%	2010	48%	26%	68%	15%	40%	2011	49%	27%	65%	16%	40%	2012	50%	28%	68%	17%	41%	2013	51%	29%	69%	17%	42%	2014	52%	30%	69%	18%	43%	2015	52%	29%	69%	19%	43%	2016	52%	30%	70%	20%	44%
Year	White, non-Hispanic	Black	Asian	Hispanic	All																																																																										
2005	44%	27%	68%	15%	38%																																																																										
2006	44%	25%	66%	14%	37%																																																																										
2007	45%	26%	66%	14%	38%																																																																										
2008	46%	27%	68%	15%	39%																																																																										
2009	47%	25%	67%	15%	39%																																																																										
2010	48%	26%	68%	15%	40%																																																																										
2011	49%	27%	65%	16%	40%																																																																										
2012	50%	28%	68%	17%	41%																																																																										
2013	51%	29%	69%	17%	42%																																																																										
2014	52%	30%	69%	18%	43%																																																																										
2015	52%	29%	69%	19%	43%																																																																										
2016	52%	30%	70%	20%	44%																																																																										

ON TO 2050 Core Economy Indicator	Workforce participation
Kindred Indicator	Workforce participation <i>by race and ethnicity</i>
Description	<p>These values represent the share of the population in the Chicago metropolitan statistical area age 16 years and over that are either working or actively looking for work by race and ethnicity. Data are from the American Community Survey.</p> <p><i>Workforce participation for population age 16 years and over by race and ethnicity, 2005-2016</i></p> <p>Source: Chicago Metropolitan Agency for Planning analysis of American Community Survey data, 1-year estimates, 2005-2016.</p>

In addition to GO TO 2040 and ON TO 2050 plan indicators, CMAP explores additional trends and data sources through its Regional Economic Indicators microsite and related Policy Updates. These additional indicators provide general signals for the competitiveness and vibrancy of the regional economy, as well as avenues for continued policy analysis. For the ON TO 2050 plan, CMAP staff recommend supplementing the metrics listed above with further kindred indicators based on those used for the Regional Economic Indicators microsite. The tables below summarize the additional recommended kindred indicators.

Regional Economic Indicator	Regional median household income																																																																														
Kindred Indicator	Regional median household income <i>by race and ethnicity</i>																																																																														
Description	<p>This indicator measures the income of the 50th percentile of households in the Chicago metropolitan statistical area by race and ethnicity. Data come from the American Community Survey.</p> <p><i>Median household income in the past 12 months by race and ethnicity (in 2016 dollars), 2005-2016</i></p>  <table border="1" data-bbox="461 590 1416 1161"> <caption>Estimated Median Household Income (2016 dollars) by Race and Ethnicity, 2005-2016</caption> <thead> <tr> <th>Year</th> <th>All</th> <th>non-Hispanic, White</th> <th>Black</th> <th>Asian</th> <th>Hispanic</th> </tr> </thead> <tbody> <tr><td>2005</td><td>68,000</td><td>78,000</td><td>40,000</td><td>84,000</td><td>52,000</td></tr> <tr><td>2006</td><td>69,000</td><td>80,000</td><td>41,000</td><td>84,000</td><td>53,000</td></tr> <tr><td>2007</td><td>69,000</td><td>81,000</td><td>41,000</td><td>87,000</td><td>55,000</td></tr> <tr><td>2008</td><td>68,000</td><td>81,000</td><td>40,000</td><td>85,000</td><td>54,000</td></tr> <tr><td>2009</td><td>66,000</td><td>77,000</td><td>39,000</td><td>84,000</td><td>52,000</td></tr> <tr><td>2010</td><td>63,000</td><td>75,000</td><td>38,000</td><td>76,000</td><td>50,000</td></tr> <tr><td>2011</td><td>61,000</td><td>74,000</td><td>37,000</td><td>77,000</td><td>47,000</td></tr> <tr><td>2012</td><td>62,000</td><td>75,000</td><td>36,000</td><td>79,000</td><td>48,000</td></tr> <tr><td>2013</td><td>62,000</td><td>74,000</td><td>36,000</td><td>80,000</td><td>47,000</td></tr> <tr><td>2014</td><td>63,000</td><td>77,000</td><td>36,000</td><td>82,000</td><td>49,000</td></tr> <tr><td>2015</td><td>64,000</td><td>79,000</td><td>36,000</td><td>82,000</td><td>50,000</td></tr> <tr><td>2016</td><td>66,000</td><td>80,000</td><td>38,000</td><td>87,000</td><td>53,000</td></tr> </tbody> </table> <p>Source: Chicago Metropolitan Agency for Planning analysis of American Community Survey data, 1-year estimates, 2005-2016.</p>	Year	All	non-Hispanic, White	Black	Asian	Hispanic	2005	68,000	78,000	40,000	84,000	52,000	2006	69,000	80,000	41,000	84,000	53,000	2007	69,000	81,000	41,000	87,000	55,000	2008	68,000	81,000	40,000	85,000	54,000	2009	66,000	77,000	39,000	84,000	52,000	2010	63,000	75,000	38,000	76,000	50,000	2011	61,000	74,000	37,000	77,000	47,000	2012	62,000	75,000	36,000	79,000	48,000	2013	62,000	74,000	36,000	80,000	47,000	2014	63,000	77,000	36,000	82,000	49,000	2015	64,000	79,000	36,000	82,000	50,000	2016	66,000	80,000	38,000	87,000	53,000
Year	All	non-Hispanic, White	Black	Asian	Hispanic																																																																										
2005	68,000	78,000	40,000	84,000	52,000																																																																										
2006	69,000	80,000	41,000	84,000	53,000																																																																										
2007	69,000	81,000	41,000	87,000	55,000																																																																										
2008	68,000	81,000	40,000	85,000	54,000																																																																										
2009	66,000	77,000	39,000	84,000	52,000																																																																										
2010	63,000	75,000	38,000	76,000	50,000																																																																										
2011	61,000	74,000	37,000	77,000	47,000																																																																										
2012	62,000	75,000	36,000	79,000	48,000																																																																										
2013	62,000	74,000	36,000	80,000	47,000																																																																										
2014	63,000	77,000	36,000	82,000	49,000																																																																										
2015	64,000	79,000	36,000	82,000	50,000																																																																										
2016	66,000	80,000	38,000	87,000	53,000																																																																										

Regional Economic Indicator	Unemployment rate																																																																														
Kindred Indicator	Unemployment rate <i>by race and ethnicity</i>																																																																														
Description	<p>The indicator measures the share of labor force participants who are currently unemployed in the Chicago metropolitan statistical area by race and ethnicity. Data come from the American Community Survey.</p> <table border="1"> <caption>Estimated Unemployment Rates by Race and Ethnicity (2005-2016)</caption> <thead> <tr> <th>Year</th> <th>non-Hispanic, White</th> <th>Black</th> <th>Asian</th> <th>Hispanic</th> <th>Pop. 16 years and over</th> </tr> </thead> <tbody> <tr><td>2005</td><td>5.0%</td><td>17.5%</td><td>6.0%</td><td>9.0%</td><td>8.0%</td></tr> <tr><td>2006</td><td>5.0%</td><td>16.5%</td><td>6.0%</td><td>8.0%</td><td>7.5%</td></tr> <tr><td>2007</td><td>4.5%</td><td>15.5%</td><td>5.0%</td><td>8.0%</td><td>7.5%</td></tr> <tr><td>2008</td><td>5.0%</td><td>14.5%</td><td>5.0%</td><td>7.5%</td><td>7.5%</td></tr> <tr><td>2009</td><td>9.0%</td><td>20.0%</td><td>8.5%</td><td>12.5%</td><td>11.5%</td></tr> <tr><td>2010</td><td>9.5%</td><td>22.0%</td><td>8.5%</td><td>13.0%</td><td>12.0%</td></tr> <tr><td>2011</td><td>9.0%</td><td>21.5%</td><td>8.0%</td><td>13.0%</td><td>11.5%</td></tr> <tr><td>2012</td><td>7.5%</td><td>22.5%</td><td>7.0%</td><td>12.0%</td><td>10.5%</td></tr> <tr><td>2013</td><td>6.5%</td><td>21.0%</td><td>6.5%</td><td>10.0%</td><td>9.5%</td></tr> <tr><td>2014</td><td>6.0%</td><td>18.5%</td><td>6.5%</td><td>8.5%</td><td>8.5%</td></tr> <tr><td>2015</td><td>4.5%</td><td>16.0%</td><td>5.5%</td><td>7.5%</td><td>7.5%</td></tr> <tr><td>2016</td><td>4.0%</td><td>14.5%</td><td>5.0%</td><td>6.5%</td><td>7.0%</td></tr> </tbody> </table> <p>Source: Chicago Metropolitan Agency for Planning analysis of American Community Survey data, 1-year estimates, 2005-2016.</p>	Year	non-Hispanic, White	Black	Asian	Hispanic	Pop. 16 years and over	2005	5.0%	17.5%	6.0%	9.0%	8.0%	2006	5.0%	16.5%	6.0%	8.0%	7.5%	2007	4.5%	15.5%	5.0%	8.0%	7.5%	2008	5.0%	14.5%	5.0%	7.5%	7.5%	2009	9.0%	20.0%	8.5%	12.5%	11.5%	2010	9.5%	22.0%	8.5%	13.0%	12.0%	2011	9.0%	21.5%	8.0%	13.0%	11.5%	2012	7.5%	22.5%	7.0%	12.0%	10.5%	2013	6.5%	21.0%	6.5%	10.0%	9.5%	2014	6.0%	18.5%	6.5%	8.5%	8.5%	2015	4.5%	16.0%	5.5%	7.5%	7.5%	2016	4.0%	14.5%	5.0%	6.5%	7.0%
Year	non-Hispanic, White	Black	Asian	Hispanic	Pop. 16 years and over																																																																										
2005	5.0%	17.5%	6.0%	9.0%	8.0%																																																																										
2006	5.0%	16.5%	6.0%	8.0%	7.5%																																																																										
2007	4.5%	15.5%	5.0%	8.0%	7.5%																																																																										
2008	5.0%	14.5%	5.0%	7.5%	7.5%																																																																										
2009	9.0%	20.0%	8.5%	12.5%	11.5%																																																																										
2010	9.5%	22.0%	8.5%	13.0%	12.0%																																																																										
2011	9.0%	21.5%	8.0%	13.0%	11.5%																																																																										
2012	7.5%	22.5%	7.0%	12.0%	10.5%																																																																										
2013	6.5%	21.0%	6.5%	10.0%	9.5%																																																																										
2014	6.0%	18.5%	6.5%	8.5%	8.5%																																																																										
2015	4.5%	16.0%	5.5%	7.5%	7.5%																																																																										
2016	4.0%	14.5%	5.0%	6.5%	7.0%																																																																										

Next Steps

Following committee review of the above list of proposed kindred indicators, staff will adjust the list as needed to incorporate feedback – by modifying or eliminating indicators, or by adding new ones if necessary. Once the list of ON TO 2050 indicators has been finalized, the indicators will be compiled into a final list of all plan indicators covering the full range of topics in ON TO 2050.