

# ILLINOIS POPULATION SINCE THE 2010 CENSUS

TRENDS AND IMPLICATIONS FOR THE INDEX OF NEED

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ILLINOIS COMMUNITY COLLEGE BOARD

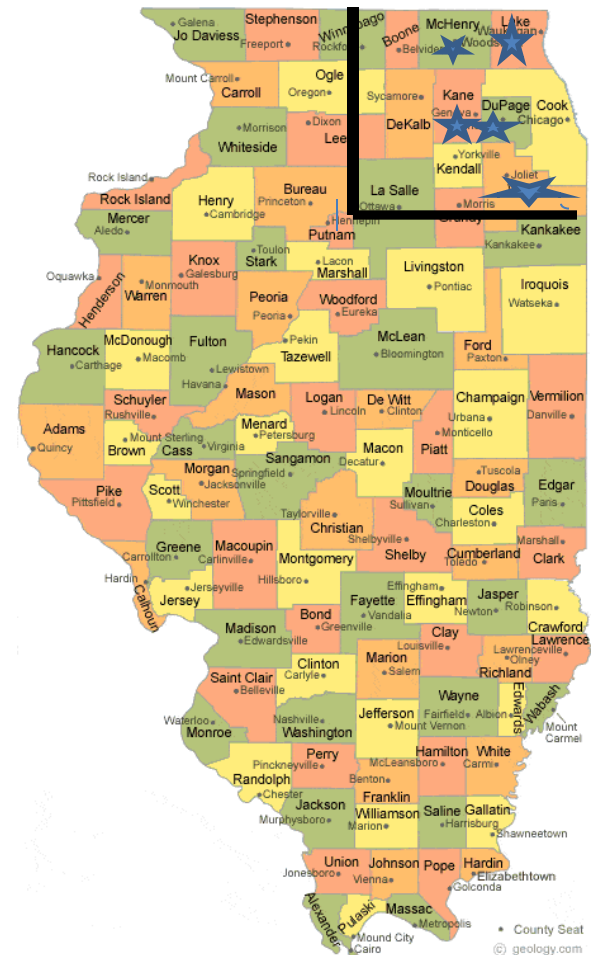
APRIL 11, 2017

# INTRODUCTION: ILLINOIS POPULATION TRENDS SINCE THE 2010 CENSUS

- ILLINOIS DEMOGRAPHICS: 2010-2016
  - POPULATION TRENDS
    - DISAGGREGATION BY CENSUS ETHNIC CATEGORY
    - 18-24 YEAR OLD COHORT
    - DISAGGREGATION BY
      - COOK COUNTY/CHICAGO/COLLAR COUNTIES
      - NORTHEAST QUADRANT
- IMPLICATIONS FOR INDEX OF NEED
  - CALCULATION OF THE INDEX
  - TRENDS IN COMPONENTS
- CONCLUDING REMARKS
  - QUESTIONS

# GEOGRAPHIC COMPARISONS: DEFINITIONS

- ILLINOIS/NATION
- COOK COUNTY
  - CHICAGO CITY (as % of Cook)
- COLLAR COUNTIES (DUPAGE, KANE, LAKE, MCHENRY, WILL)
- NORTHEAST QUADRANT (COOK + COLLAR + BOONE, DEKALB, GRUNDY, KENDALL, LASALLE, WINNEBAGO): AREA BOUNDED BY I-39 AND I-80
- (LEE AND OGLE?)



# ILLINOIS: 2016

RANK: No. 5 (CA, TX, FL, NY)

- No. 9 with respect to net International Migration (30,000 last year – US 1,000,000)

TOTAL POPULATION IS SMALLER TODAY THAN IN 2010

– 2010: 12,830,632

– 2016: 12,801,539

- PEAK SINCE 2010 CENSUS – 2013: 12.9 MILLION

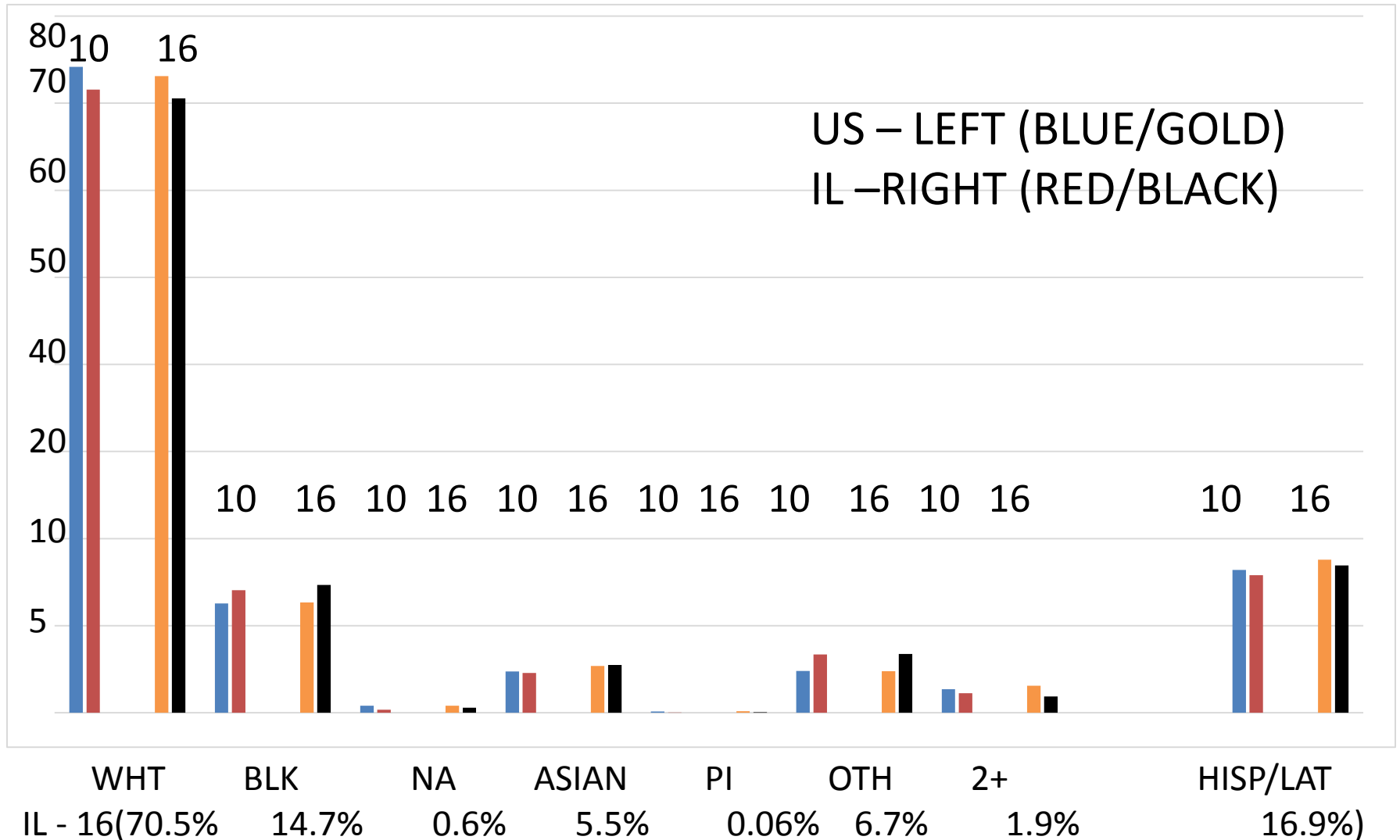
– LARGEST POPULATION LOST IN US

- LOST POPULATION FOR THREE CONSECUTIVE YEARS
- 89 of 102 Counties lost Population over last year
- Net Domestic Outmigration – 114,144 (Second after NY with CA no. 3)

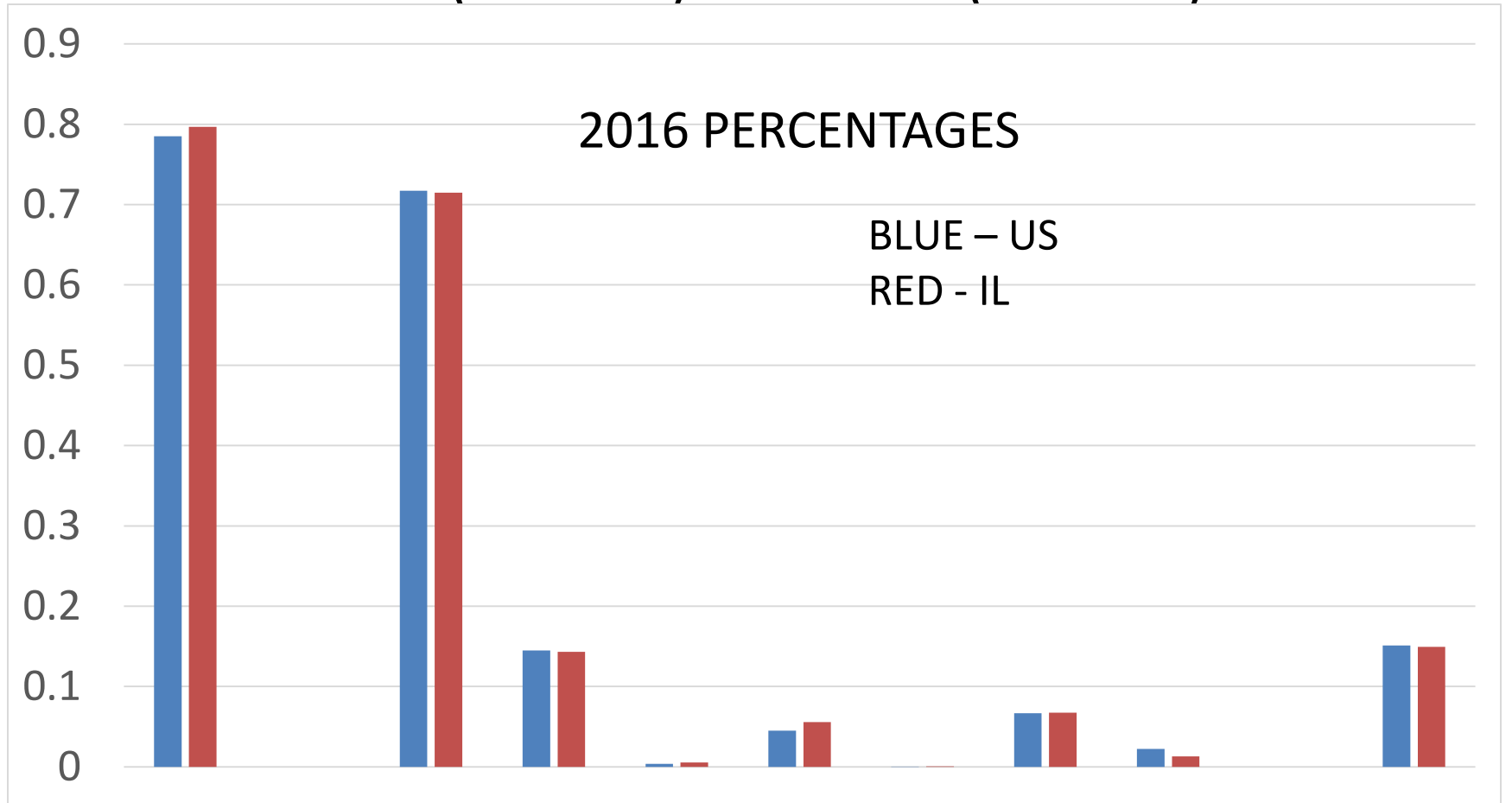
# ILLINOIS AND NATION: ETHNIC AND LATINO/HISPANIC DISAGGREGATION: 2010 – 12.83M

2016 – 12.8 M

PERCENTAGE



# ADULT POPULATION: ILLINOIS AND THE NATION: 2010 (10.07M) and 2016 (10.25M)



TOTAL  
(IL-16: 79.7%)

WHT  
71.4%

BLK  
14.3%

NA  
0.6%

AS  
5.6%

PI  
0.06%

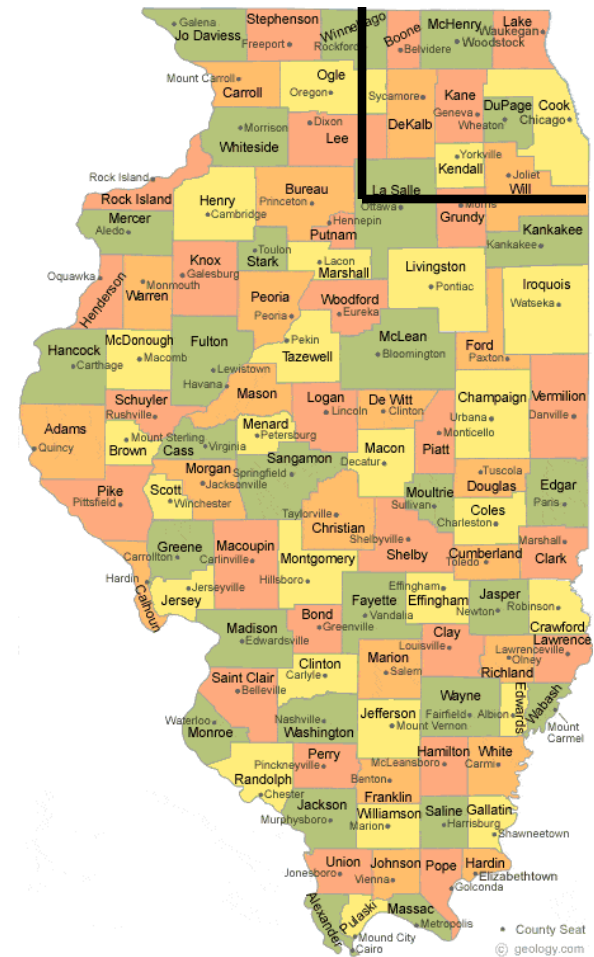
OTH  
6.7%

2+  
1.3%

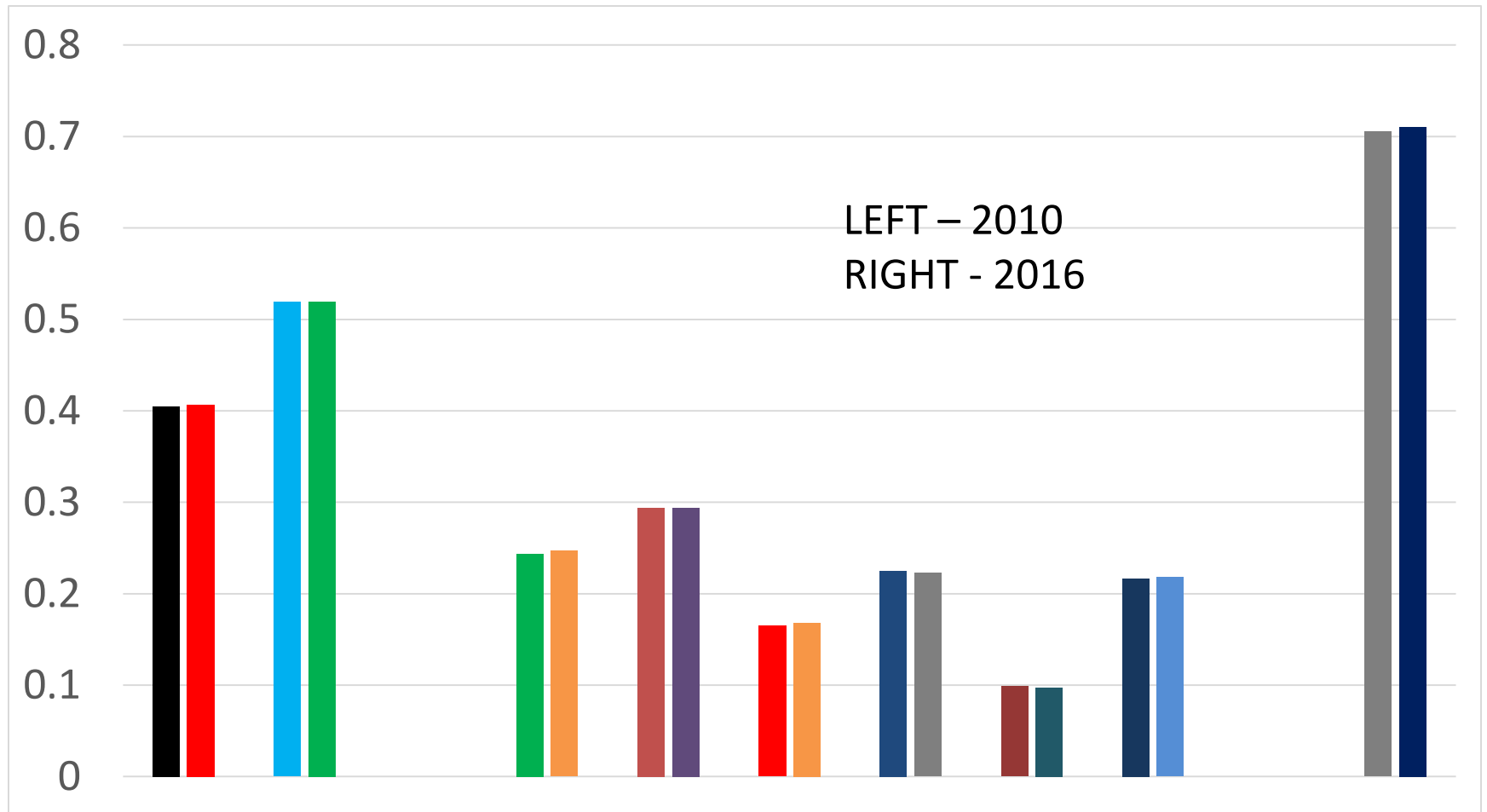
HISP/LAT  
14.9%

# ILLINOIS: DISTRIBUTION AND MOVEMENT SINCE 2010

- POPULATION CONCENTRATED IN NE
  - CHICAGO – MOVING TO NW
  - NE QUADRANT – MOVING SOUTH AND WEST



# DISTRIBUTION OF ILLINOIS POPULATION BY GEOGRAPHIC REGION

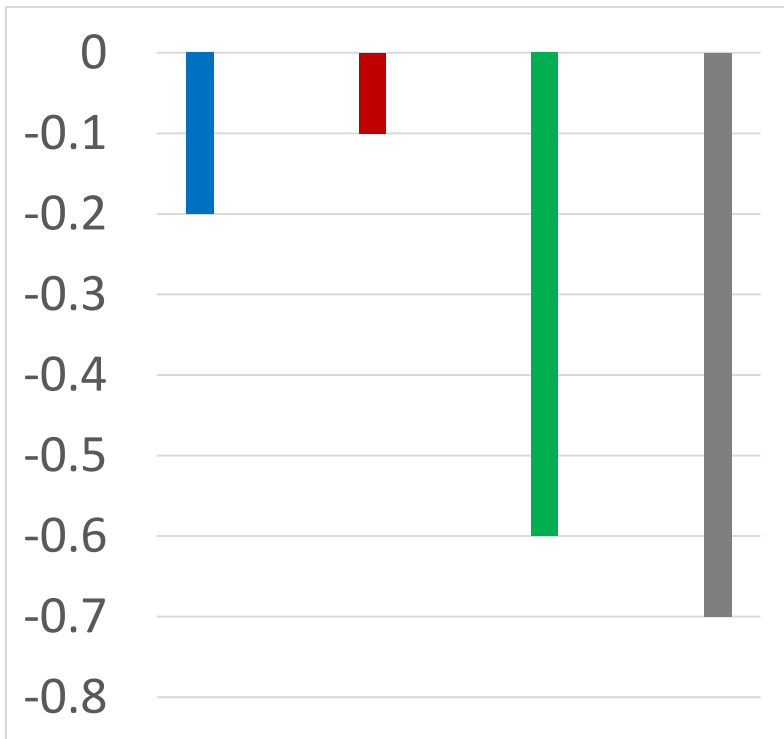


COOK 2016 40.5% CHC -%CK 52% COLLAR 24.6% DUP 29% KANE 16.8% LAKE 22.2% MCH 9.7% WILL 21.8% NEQUAD 71%



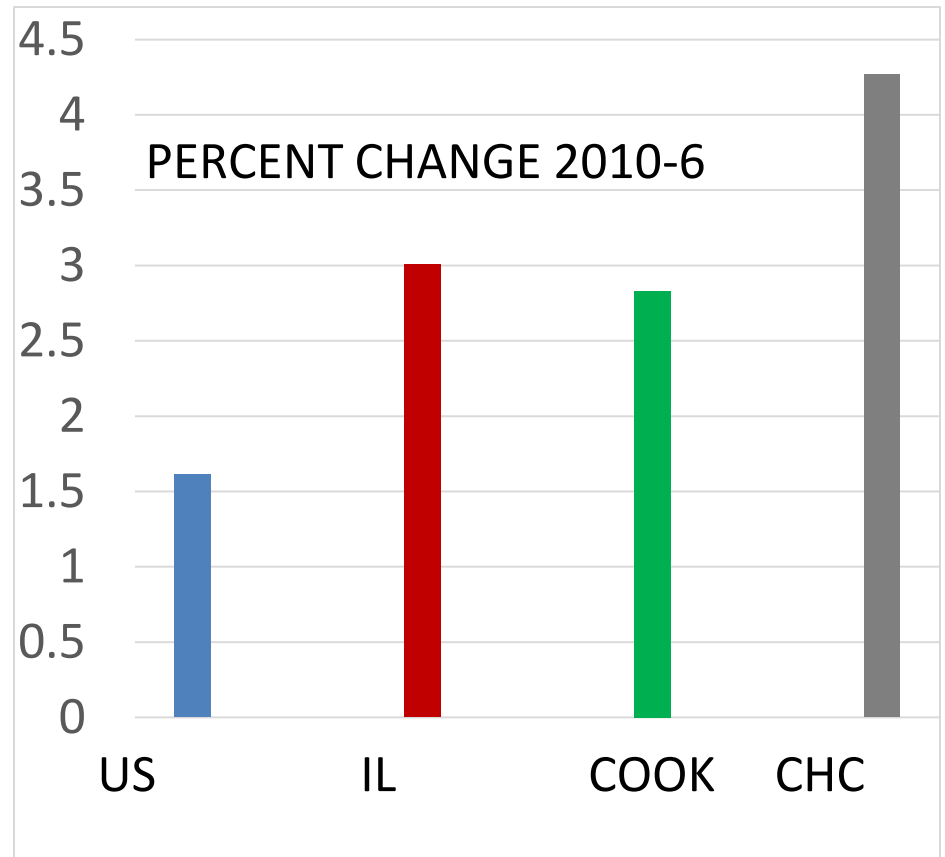
# AGE DISTRIBUTIONS: CHANGES

## 18-24 % CNG



US (9.8%  
9.8%)  
IL 9.6%  
COOK 9.3%  
CHC 10.5%)

## MEDIAN AGE BY AREA



PERCENT CHANGE 2010-6

US 37.8  
IL 37.7  
COOK 36.3  
CHC 34.2

# INDEX OF NEED: CALCULATION

- COMPONENTS:
  - EDUCATIONAL ATTAINMENT
    - < 9 GRADES OF FORMAL EDUCATION (WEIGHTED BY 1.5)
    - 9 GRADES BUT LESS THAN HIGH SCHOOL DIPLOMA OR EQUIVALENT (WEIGHT: 1.0)
  - ADULTS LIVING IN HOUSEHOLDS WITH LESS THAN FEDERAL POVERTY INCOME LEVEL
  - ESL ADULTS (ACS TABLE B16004)
    - DOES NOT SPEAK ENGLISH WELL (WEIGHT: 1.5)
    - SPEAK ENGLISH WELL OR VERY WELL (WEIGHT: 1.0)
  - UNEMPLOYED

## INDEX OF NEED CALCULATION (con.)

- INDEX for each county or part of county in APC =
  - 0.45 (1.5\*9</math>/State Total) + 1.0\*9</math>/State Total)
  - 0.25 (POVERTY/State Total)
  - 0.25 (1.5\*DNSEW/State Total + 1.0\*SEW/State Total)
  - 0.05 (UNEMPLOYMENT/State Total)

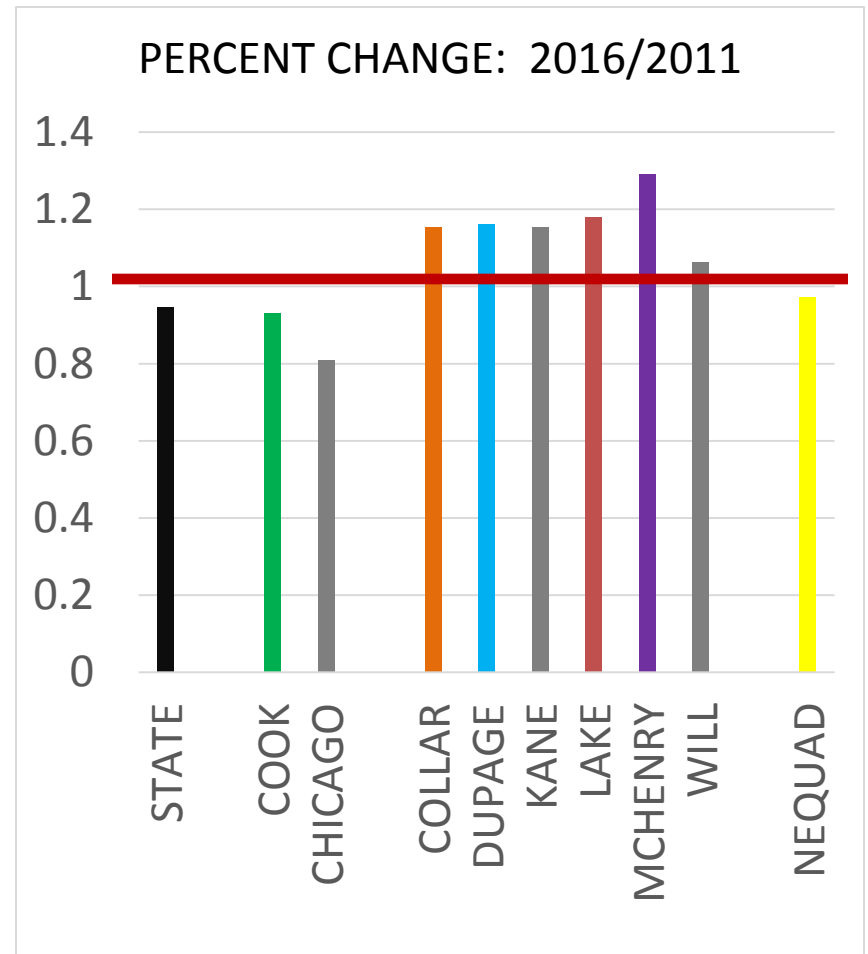
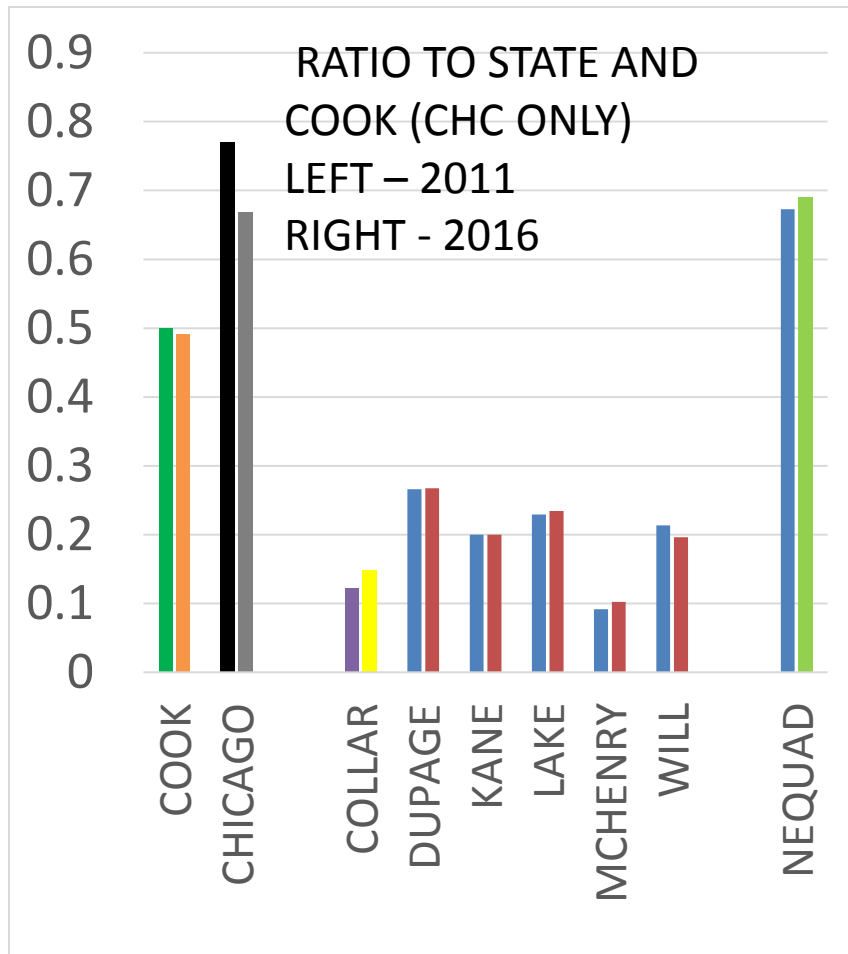
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SUM of Index Numbers for each county or part of county = INDEX NUMBER FOR EACH APC

INDEX NO. = PROBABILITY THAT A RESIDENT OF ILLINOIS IN NEED OF ONE OR MORE ADULT EDUCATION PROGRAMS LIVES IN THAT APC (COMMUNITY COLLEGE DISTRICT).

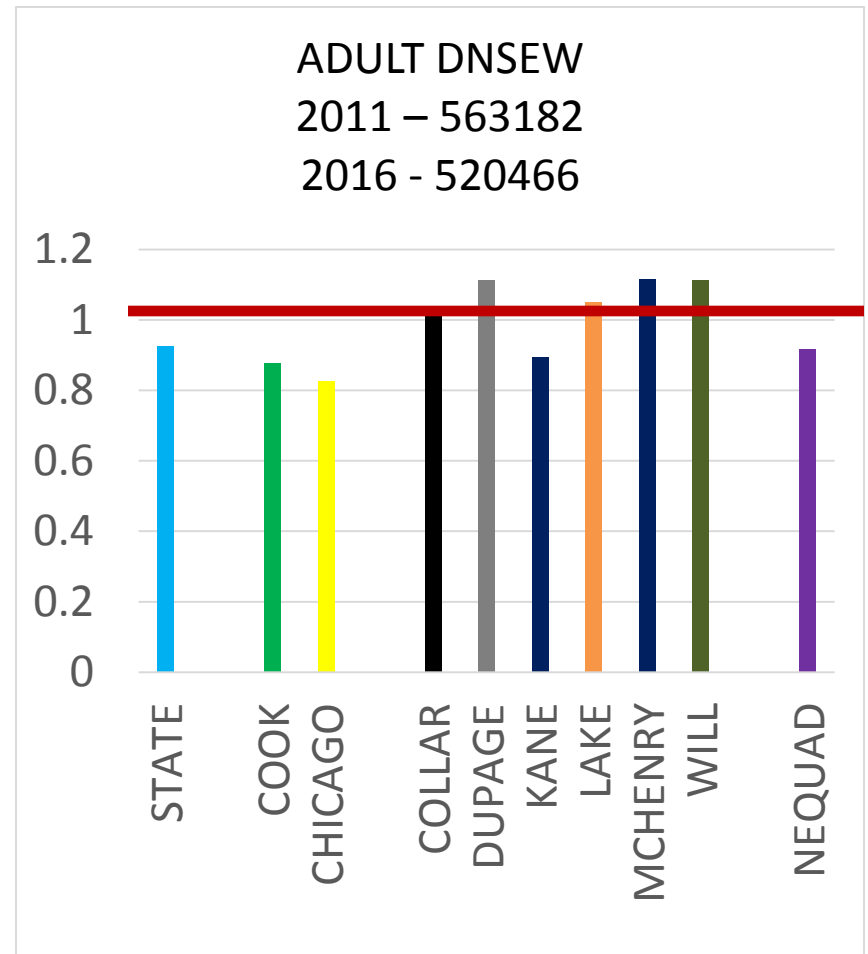
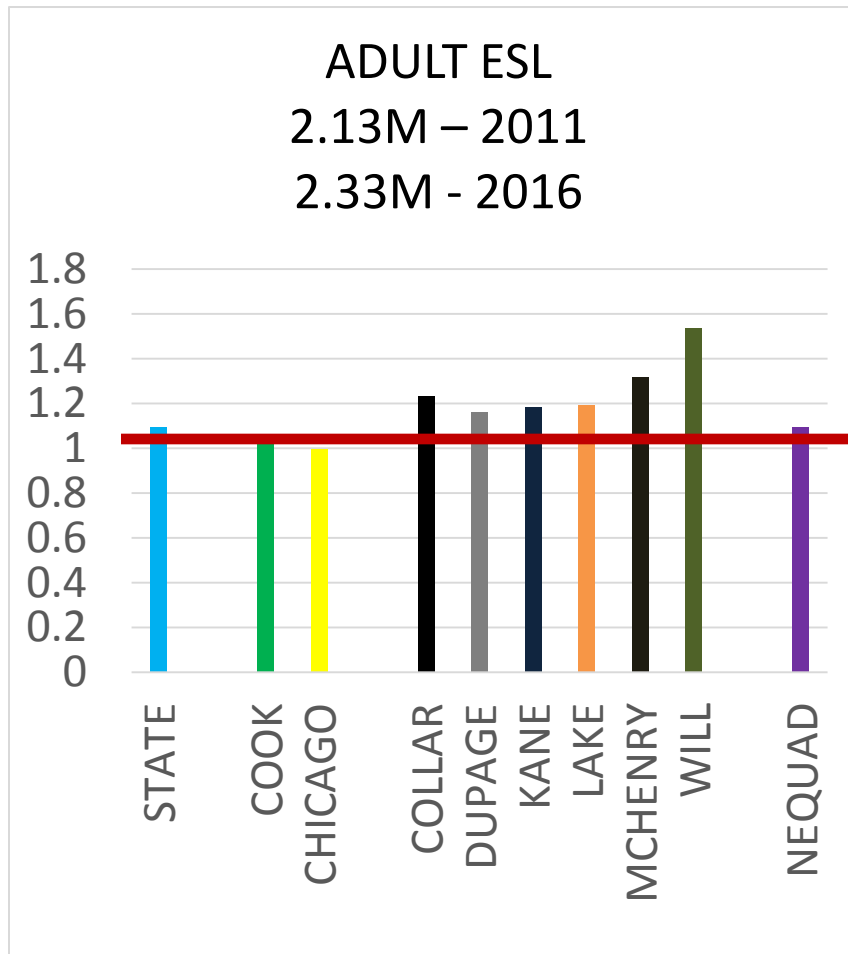
INDEX NO. IS RELATIVE TO TOTAL STATE POPULATION. ABSOLUTE POPULATION DOES NOT DETERMINE INDEX NUMBER.

# INDEX OF NEED COMPONENT: POVERTY CHANGES SINCE 2010 (1.27 M – 2011; 1.20 M – 2016)



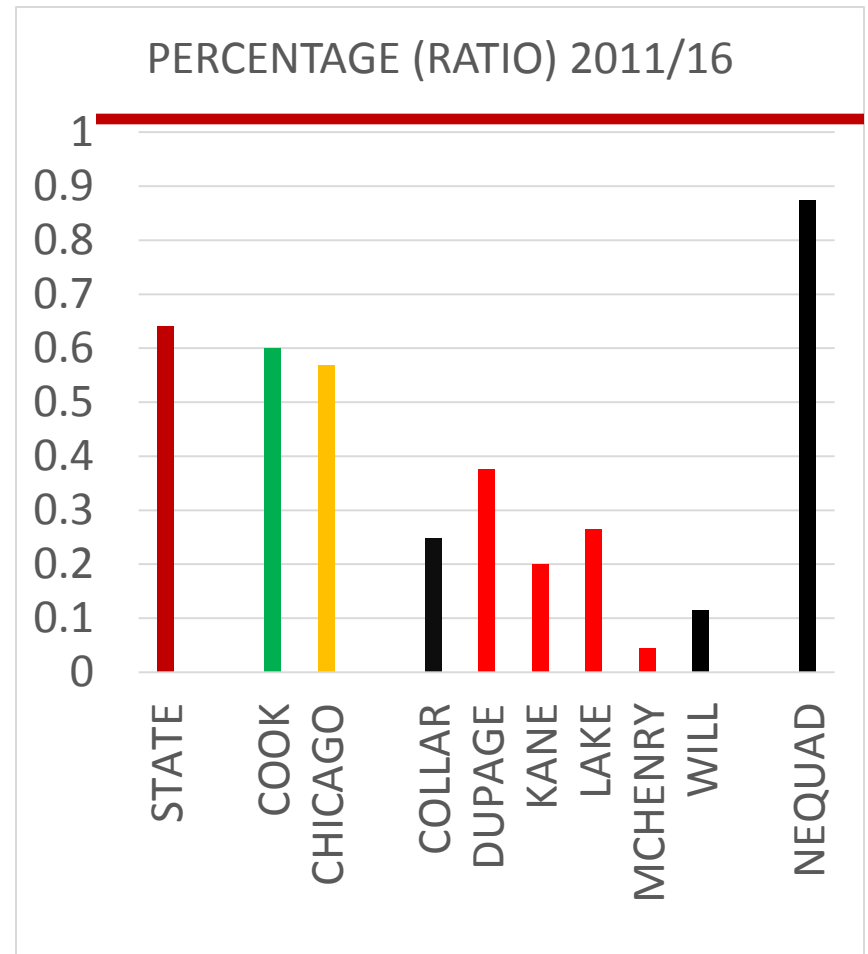
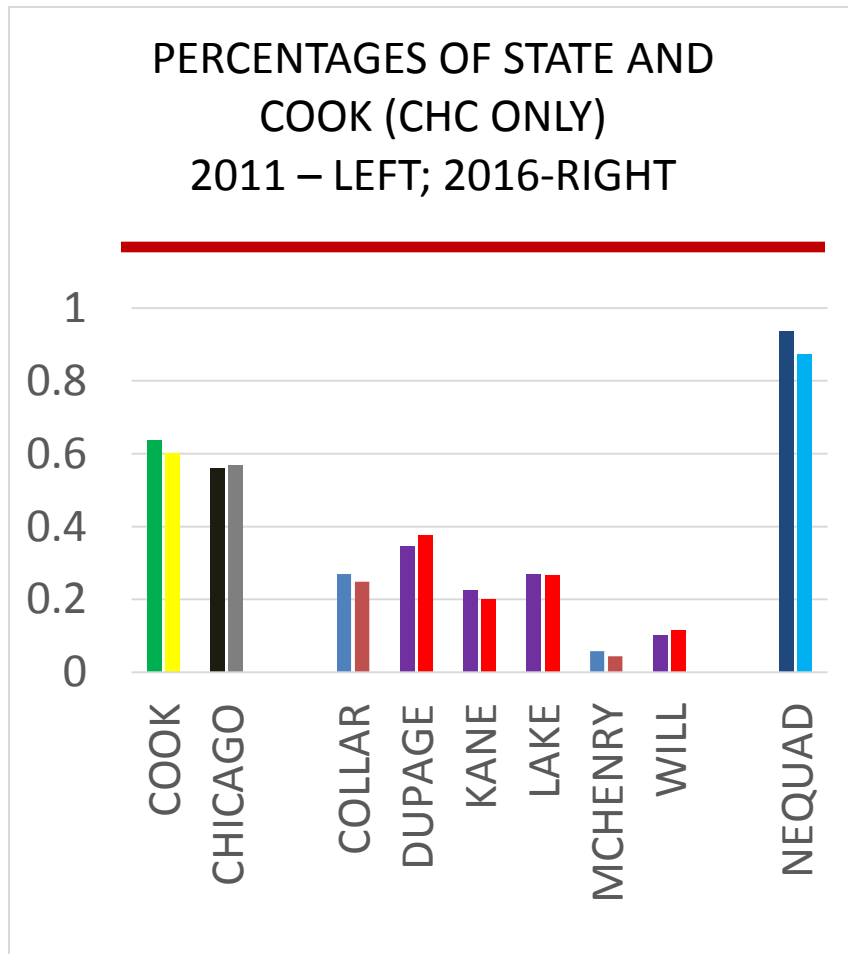
# INDEX OF NEED COMPONENT: ESL

## CHANGES SINCE 2010 (2.61 M – 2011; 2.78 M – 2016)

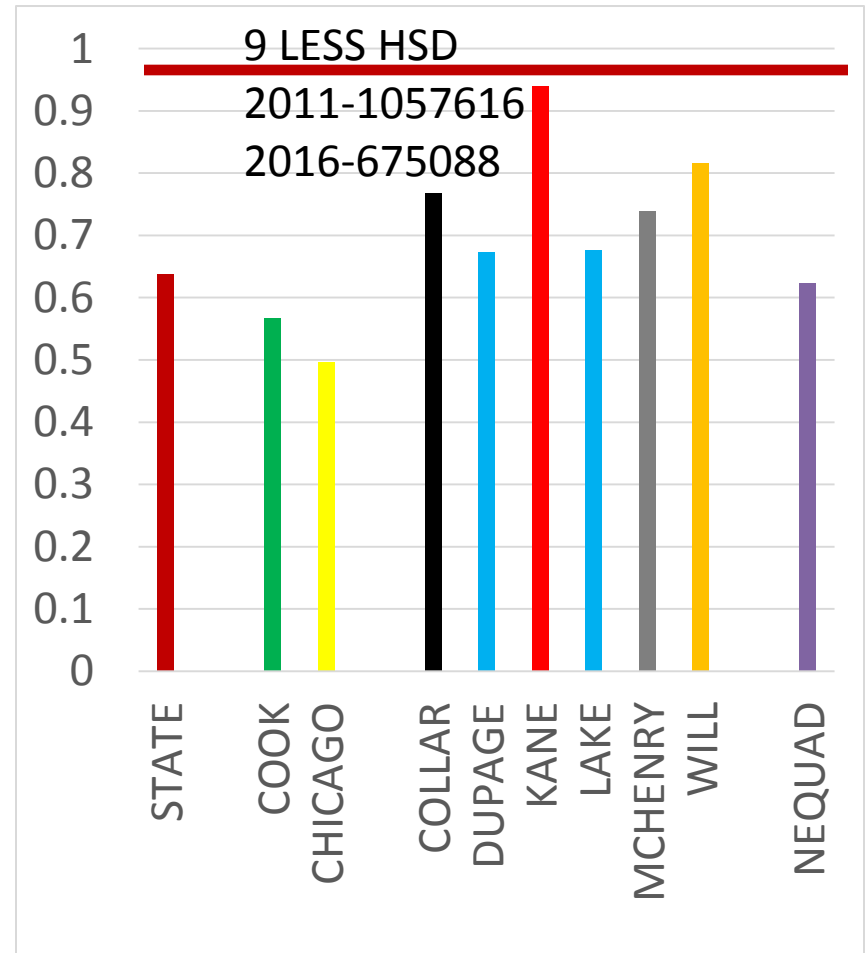
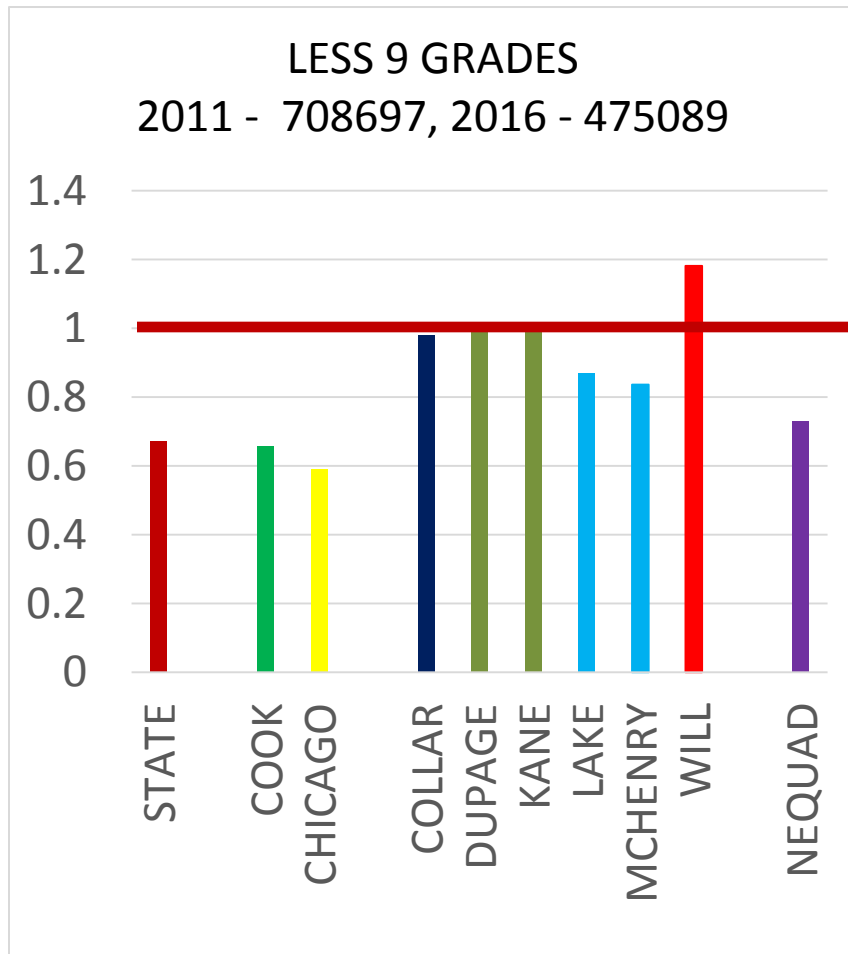


# IMMIGRANTS (IN US LESS THAN 10 YEARS)

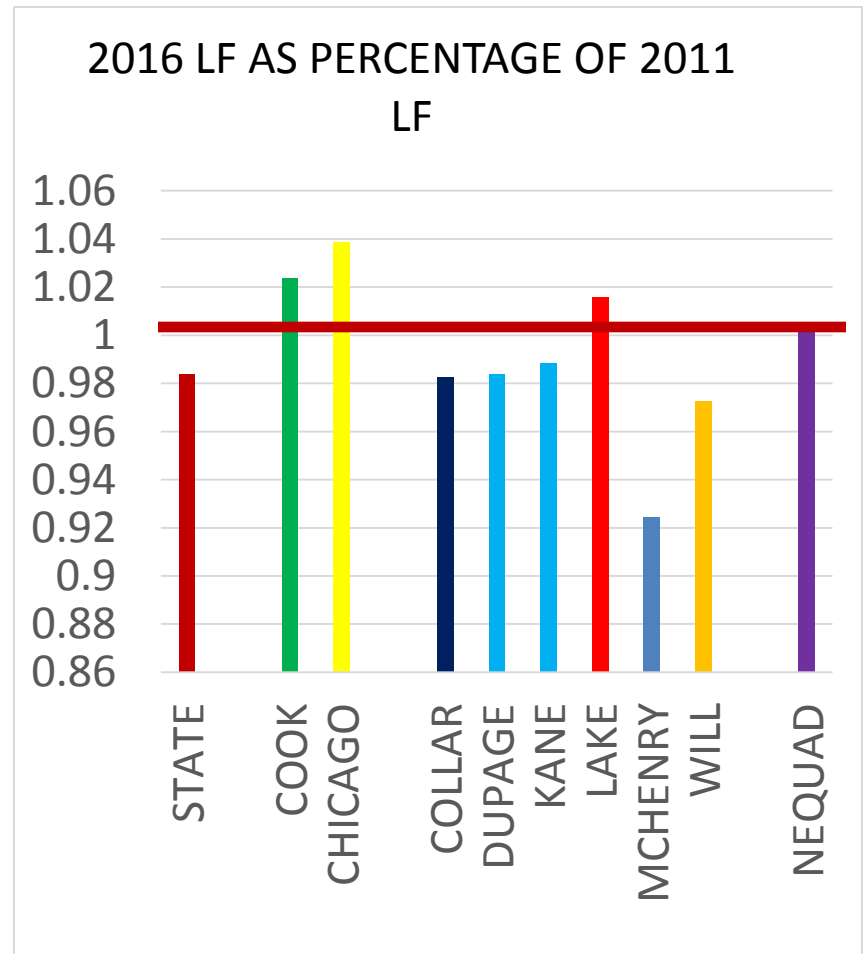
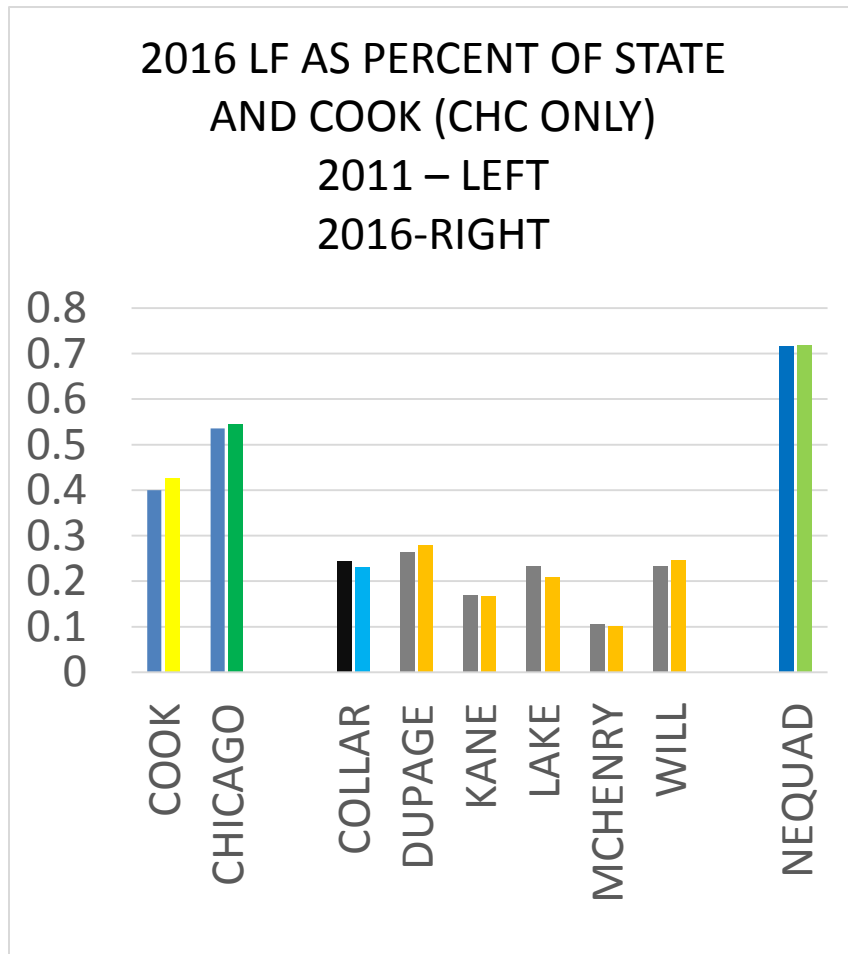
## 2011 – 551991; 2016 - 353436



# INDEX OF NEED COMPONENT: EDUCATIONAL ATTAINMENT: CHANGES SINCE 2011



# INDEX OF NEED COMPONENT: LABOR FORCE CHANGES SINCE 2010 (2011 LF – 6646165; 2016 -6539008)





# EFFECT OF DEMOGRAPHIC CHANGES ON INDEX OF NEED

	<u>2011</u>	<u>2016</u>	<u>%CHG</u>
CHICAGO (508)	0.3610	0.3125	-13.4
OTHER COOK	0.2909	0.3388	16.5
ELGIN (509)	0.0304	0.400	31.6
WAUBONSEE (516)	0.0251	0.318	26.7
SOUTH SUB (510)	0.185	0.234	26.5
JOLIET (525)	0.0308	0.0368	19.5
SOUTHEASTERN (533)	0.0045	0.0036	-20.0

## SUMMARY AND CONCLUSIONS

- ILLINOIS POPULATION HAS DECLINED SINCE THE LAST CENSUS BY 30,000
  - LOST 90,000 OVER LAST THREE YEARS
  - NET DOMESTIC MIGRATION EQUALS A LOSS OF NEARLY ONE PERCENT OF POPULATION (SECOND LARGEST)
  - 18-24 YEAR OLDS DECLINED TO LESS THAN 10% OF POPULATION
  - MEDIAN AGE HAS INCREASED BY ONE YEAR, CHICAGO BY NEARLY TWO YEARS
  - LOSS OF POPULATION IS WIDESPREAD (89 OF 102 COUNTIES LAST YEAR)

## SUMMARY AND CONCLUSIONS (con.)

- LABOR FORCE HAS DECLINED BY 100,000 SINCE 2010
- CHICAGO POPULATION IS MOVING NORTH AND WEST AND GROWING OLDER AS GENTRIFICATION PROCEEDS
  - NORTHEAST QUAD POPULATION IS STABLE
- ADULTS IN NEED OF EDUCATION AND LITERACY PROGRAMS
  - MOVING TO WEST AND SOUTH IN NE QUADRANT, ESPECIALLY INTO KANE, WILL, AND KENDALL COUNTIES