

# *Population Trends* Examination

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*Draft April 12, 2010*

## General Trends:

The majority of the County's population currently resides in the southeastern and eastern portion of the County. The townships of Center, Lawrenceburg and Miller accounted for 53.1% of the total population in 2000.

The population of Dearborn County has been steadily increasing over the last several decades. Most of the recent population growth has occurred in the eastern portions of the County, especially Miller Township, a township which received nearly 50% of the County's population growth between 1980 and 2000. Harrison Township has also significantly increased in population, accounting for over 10% of the County's population increase between 1980 and 2000.

## Population Projections:

Population projection data provided by The Indiana Business Research Center (IBRC) will be used in developing the Water Quality Management Plan update to identify future population concentrations in the County. OKI is required to use the IBRC data for transportation planning and modeling purposes, a process that involves aggregating population projections by Traffic Analysis Zones (TAZs). (See Figure 1.)

For the WQM Plan update, the population projections aggregated by TAZs have been converted by OKI staff into an aggregation by township, both in order to more easily compare the projections with the future land use plans, and also to ensure that reasonable and appropriate growth areas are identified as boundaries are revisited for wastewater facility planning areas (FPAs).

Overall, population is projected to increase county-wide with more intense increases expected in the eastern townships and surrounding existing municipalities of the County over the next twenty years. (See Figures 2-6.) The projected increases in population are consistent with the future land use plan maintained by the County and the land use changes envisioned in the plans of Dillsboro, Moores Hill, and St. Leon.



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POPULATION PROJECTIONS										
Township	Census 2000	OKI 2005	OKI 2010	OKI 2020	OKI 2030	Change 00-05	Change 05-10	Change 10-20	Change 20-30	
Caesar Creek	286	529	552	583	597	85.0%	4.3%	5.6%	2.4%	
Center	5431	5024	5161	5280	5254	-7.5%	2.7%	2.3%	-0.5%	
Clay	3051	2833	2971	3166	3275	-7.1%	4.9%	6.6%	3.4%	
Harrison	3108	2968	3097	3264	3342	-4.5%	4.3%	5.4%	2.4%	
Hogan	1138	1162	1205	1256	1272	2.1%	3.7%	4.2%	1.3%	
Jackson	1419	1605	1632	1635	1595	13.1%	1.7%	0.2%	-2.4%	
Kelso	1912	2118	2199	2295	2327	10.8%	3.8%	4.4%	1.4%	
Lawrenceburg	10434	10432	10879	11424	11706	0.0%	4.3%	5.0%	2.5%	
Logan	2513	3469	3692	4034	4263	38.0%	6.4%	9.3%	5.7%	
Manchester	2930	3188	3263	3317	3282	8.8%	2.4%	1.7%	-1.1%	
Miller	8605	9997	10462	11088	11407	16.2%	4.7%	6.0%	2.9%	
Sparta	2809	3064	3123	3145	3082	9.1%	1.9%	0.7%	-2.0%	
Washington	1488	1600	1693	1831	1918	7.5%	5.8%	8.2%	4.8%	
York	985	887	930	990	1022	-9.9%	4.8%	6.5%	3.2%	
<b>Total</b>	<b>46109</b>	<b>48876</b>	<b>50859</b>	<b>53308</b>	<b>54342</b>	<b>6.0%</b>	<b>4.1%</b>	<b>4.8%</b>	<b>1.9%</b>	

Other noteworthy projections:

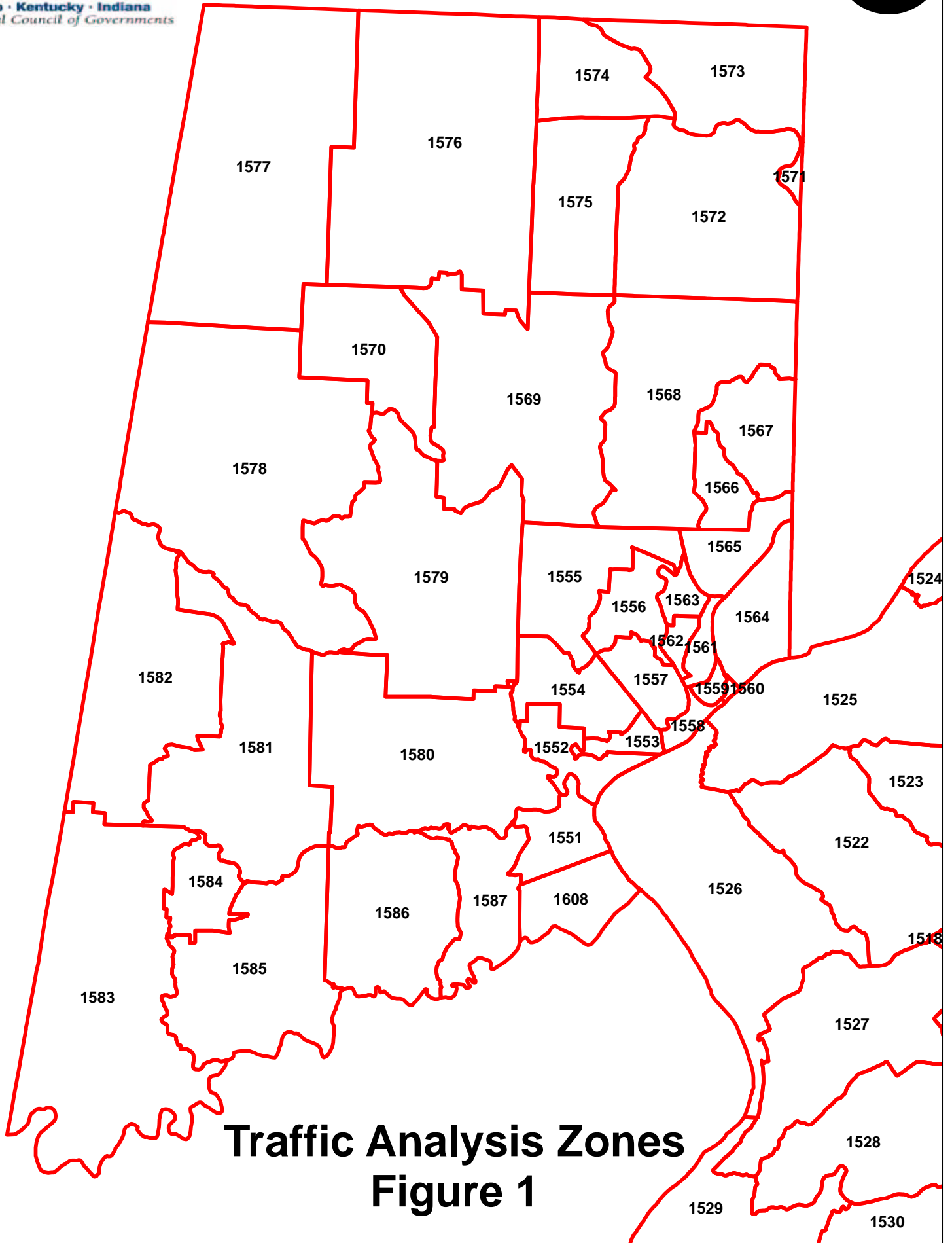
The Dearborn County Comprehensive Plan bases population projections on historic decennial census figures and uses extrapolation to project a mathematical curve through the year 2040. The County's Comprehensive plan cites a 1997 *Constant Share Study* and a 2003 *Age Cohort Study* provided by the Kelley School of Business based on the Indiana Business Research Center data. The Constant Share study assumes the County will maintain a constant share of the overall state population growth. The Age Cohort study carries forward age groupings in time, accounting for the separate impacts of births, deaths and migration. Although the population projections made by the *Dearborn County Comprehensive Plan* are higher than the Indiana Business Research Center projections, the age cohort method cited in the County's Comprehensive Plan results in projections very similar to the OKI projections being used for the Water Quality Management Plan update.

A 2007 *Study and Recommendation of Consolidating Wastewater Systems* prepared by Woolpert, Inc. also included population projections aggregated by township. The consultant evaluated the County land use recommendations and based projections on the future land uses proposed. Assumptions were made regarding development trends and speculation about future economic development activities was based on the robust economic conditions of the study period. The projections made by the Woolpert study are thus higher than the projections being used by OKI in the WQM Plan update. The recent national economic downturn has resulted in less development and growth; although the County's population is still projected to increase and growth is still forecasted to occur by 2030, it will likely occur more slowly than was anticipated in the 2007 Woolpert Study.

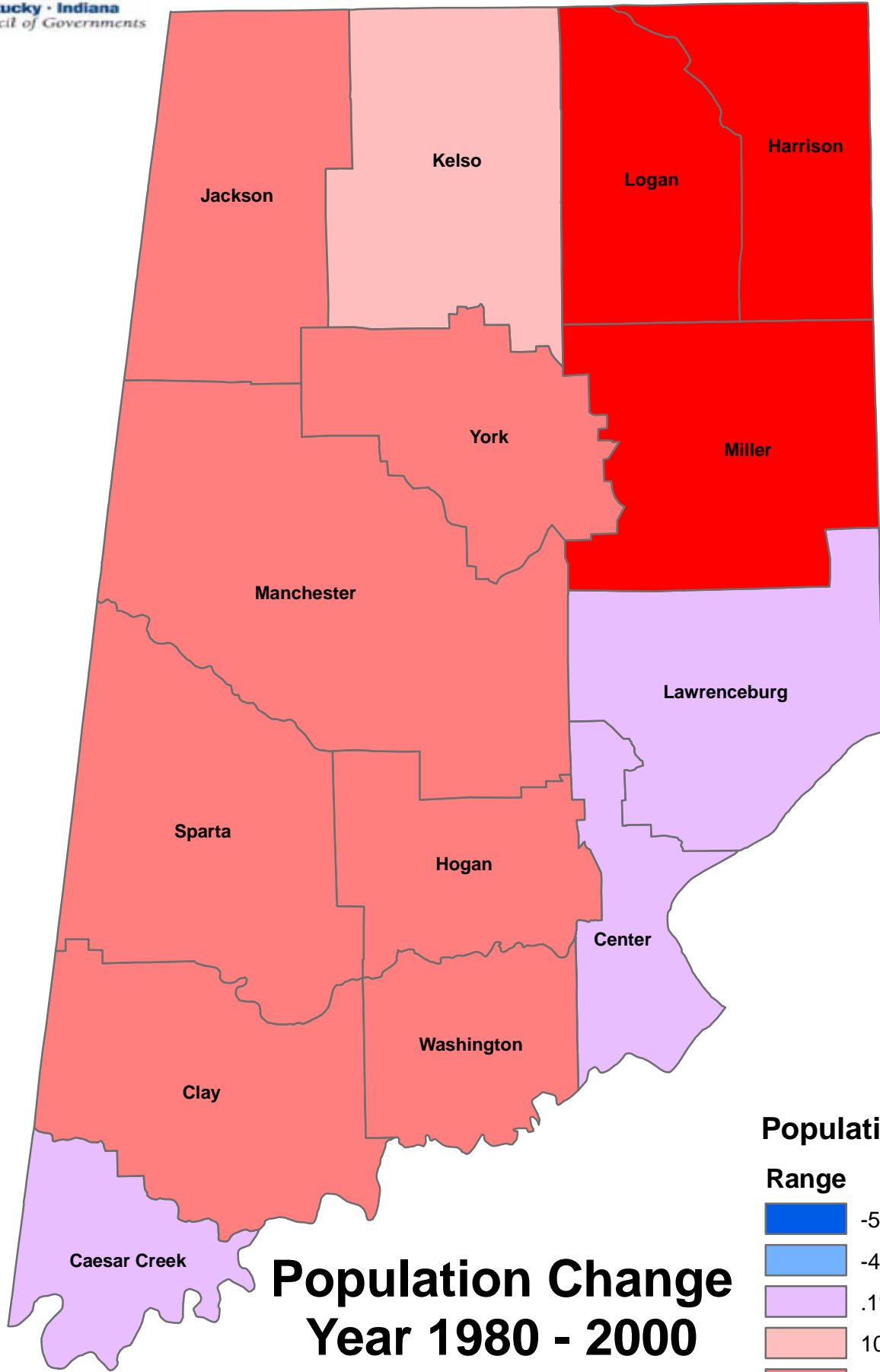


Dearborn County  
Water Quality Management Plan Update  
Advisory Committee Material






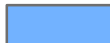

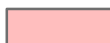


**Traffic Analysis Zones  
Figure 1**

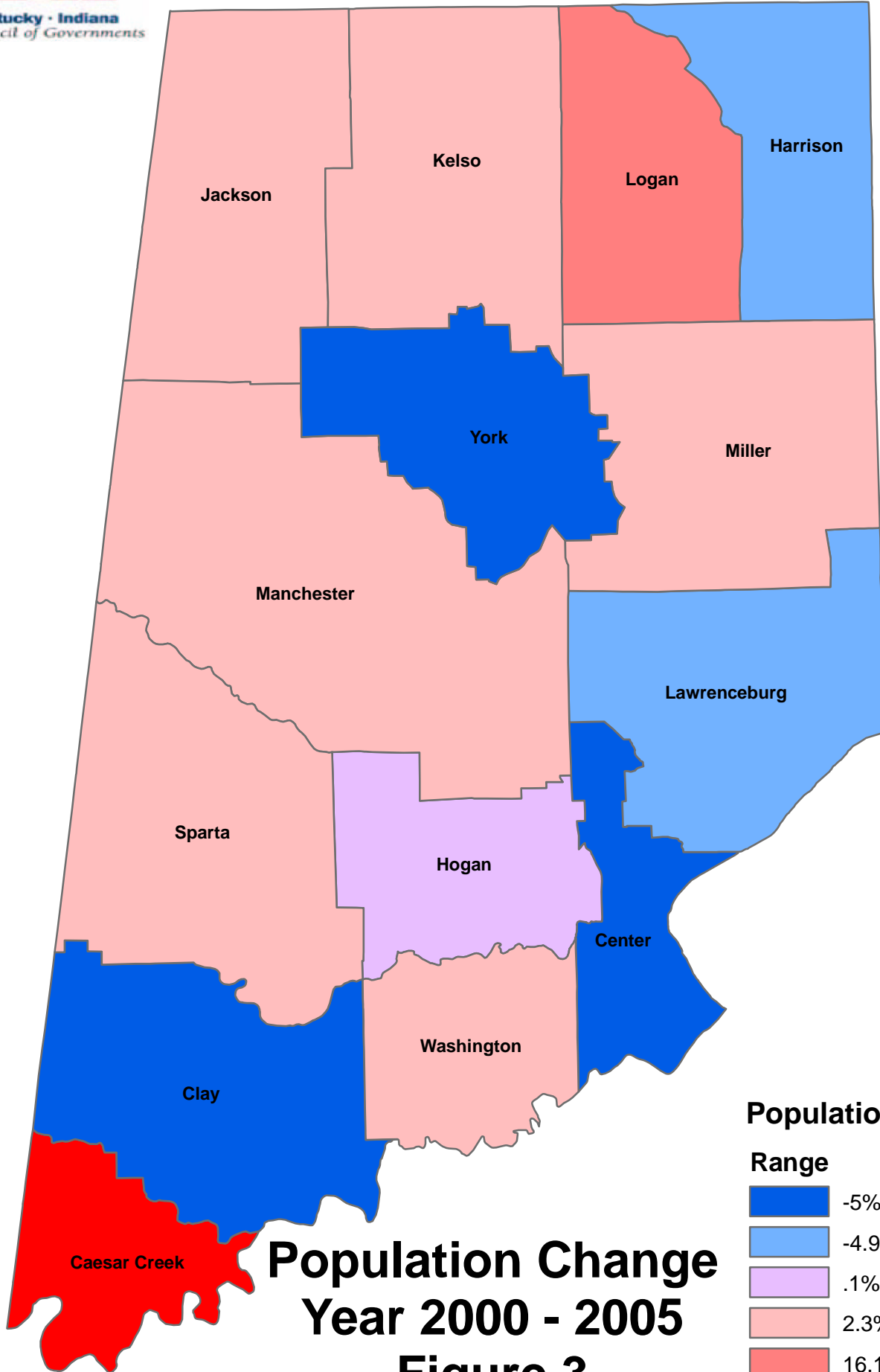


**Population Change  
Year 1980 - 2000  
Figure 2**

**Population Change**

**Range**

-  -5% and below
-  -4.9% to 0
-  .1% to 10%
-  10.1% to 20%
-  20.1% to 30%
-  30.1% and above

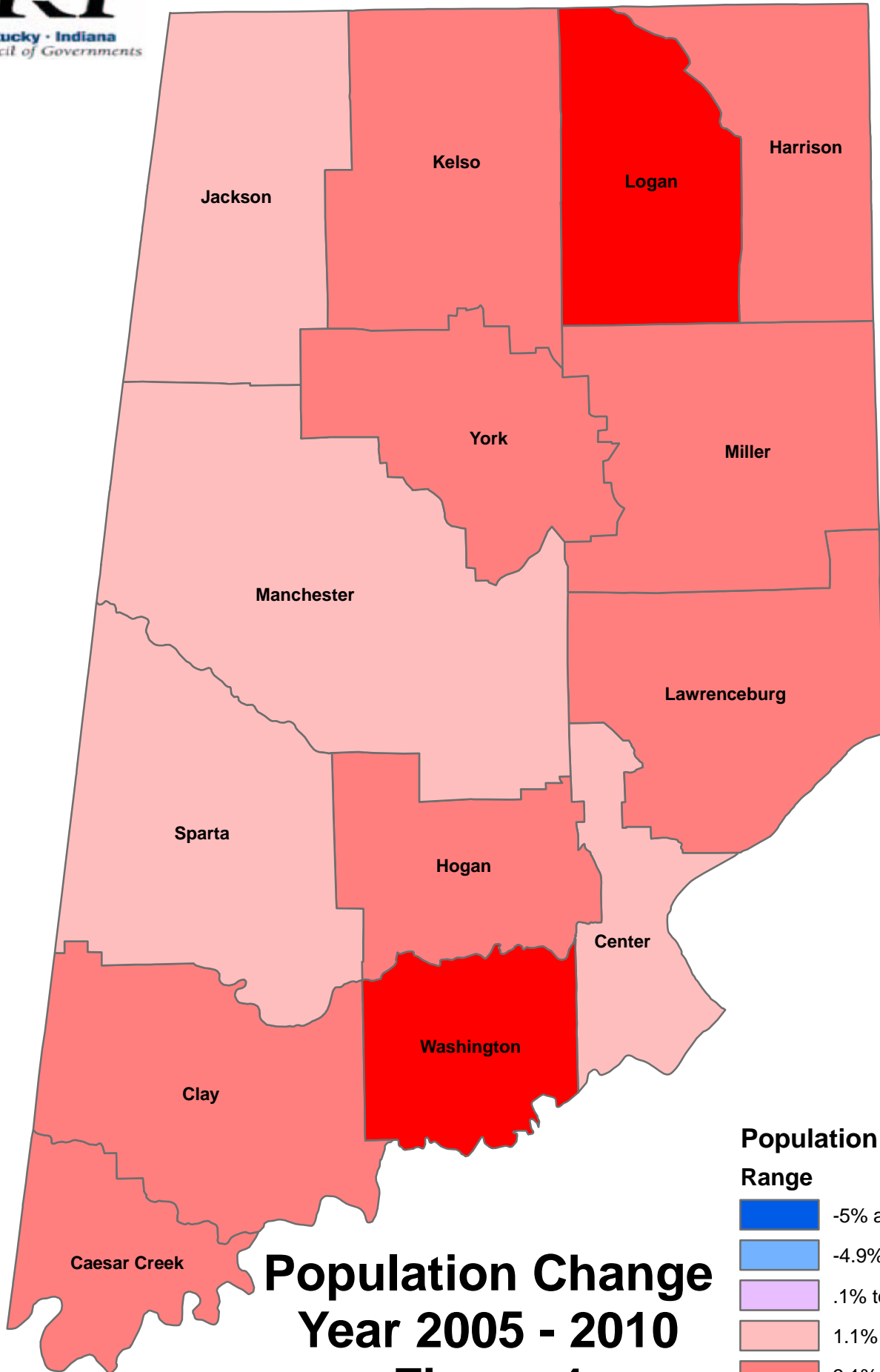


**Population Change  
Year 2000 - 2005  
Figure 3**

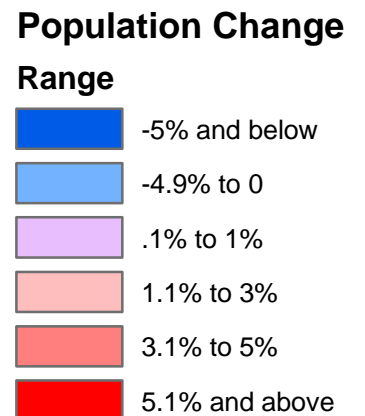
**Population Change**

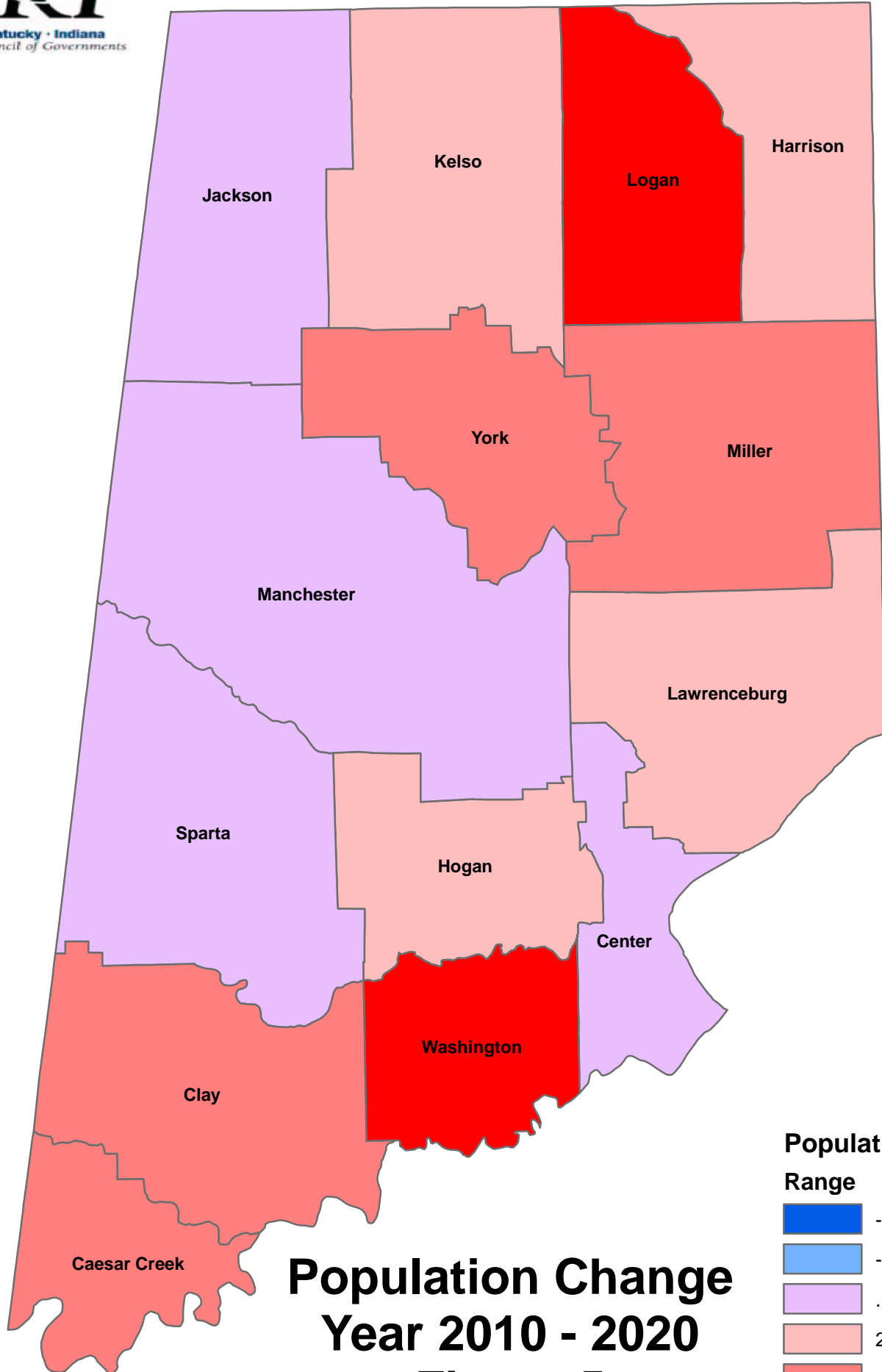
**Range**

	-5% and below
	-4.9% to 0
	.1% to 2.2%
	2.3% to 16%
	16.1% to 38%
	38.1% and above




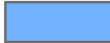




**Population Change  
Year 2005 - 2010  
Figure 4**

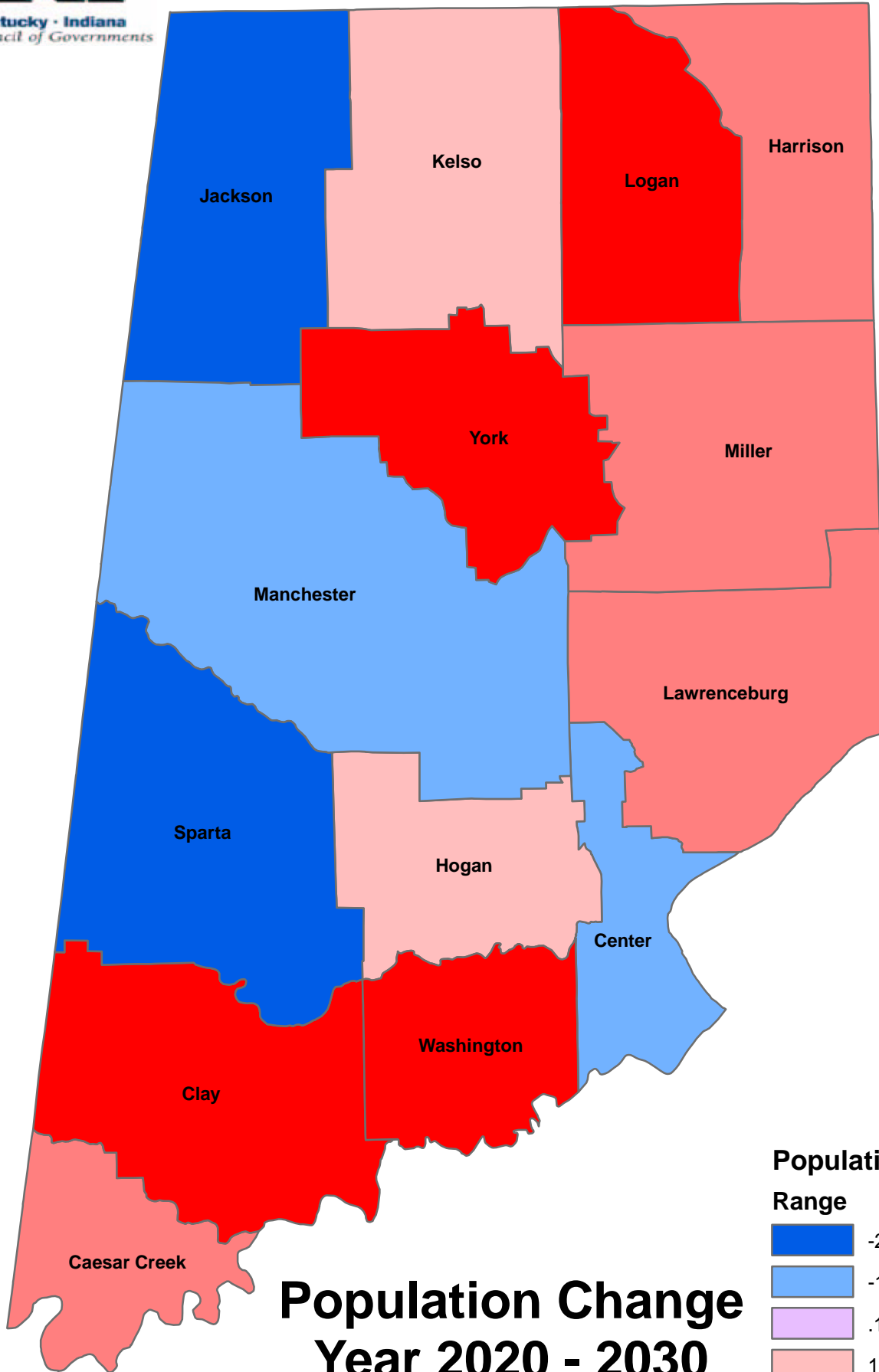




**Population Change  
Year 2010 - 2020  
Figure 5**

**Population Change  
Range**

-  -5% and below
-  -4.9% to 0
-  .1% to 2.5%
-  2.6% to 5.5%
-  5.6% to 7%
-  7.1% and above



**Population Change  
Year 2020 - 2030  
Figure 6**

**Population Change  
Range**

- 2% and below
- 1.9% to 0
- .1% to 1%
- 1.1% to 2%
- 2.1% to 3%
- 3.1% and above