

STATISTICAL ATLAS OF NOVA SCOTIA

Noah McLaughlin - February 2016

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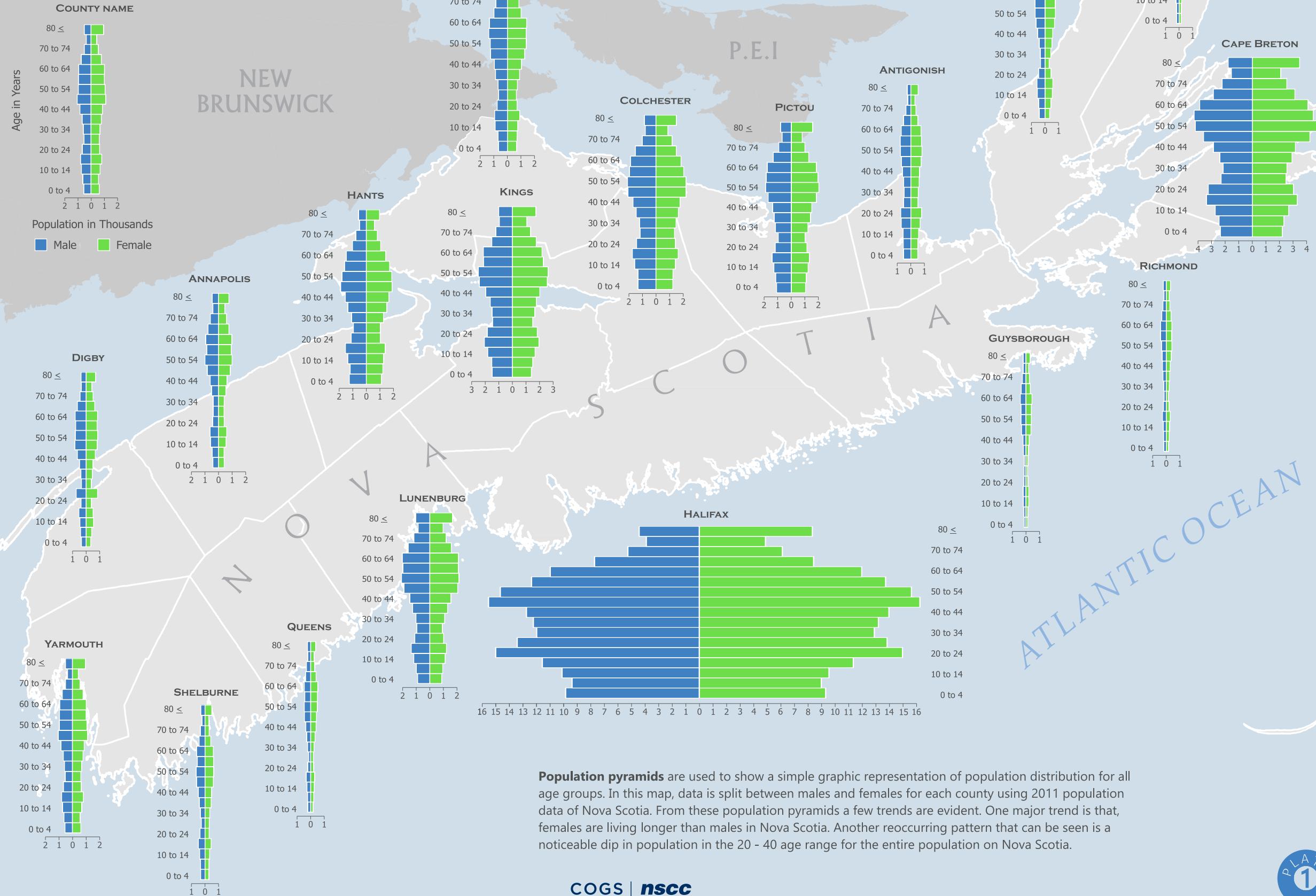
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Population Distribution of Queens County

- Proportional & Graduated Symbols

POPULATION by COUNTY

Age and Gender Population Pyramids, 2011
Scale 1:1,640,000



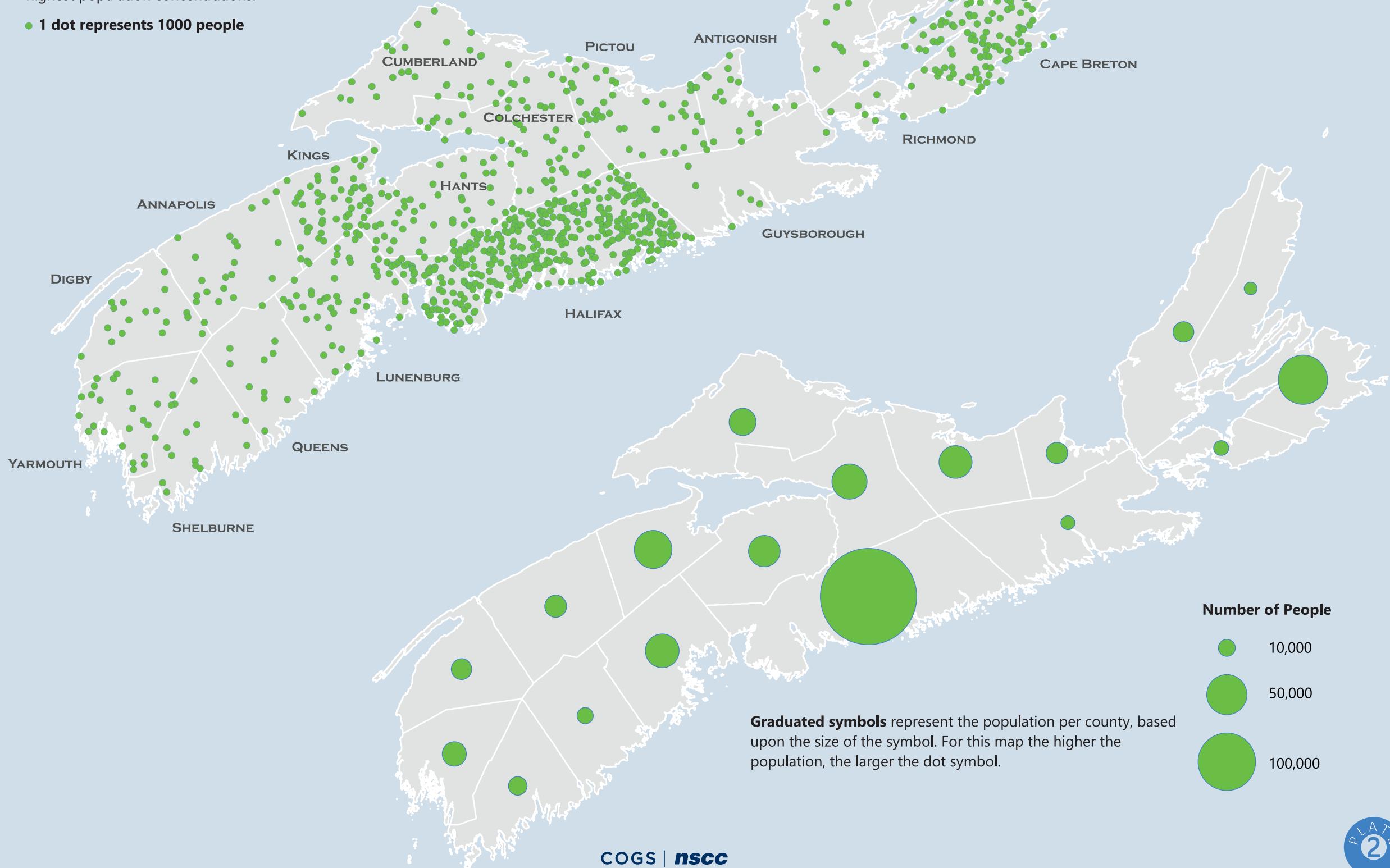
Population Distribution by County

Nova Scotia, 2011
Scale 1:2,300,000



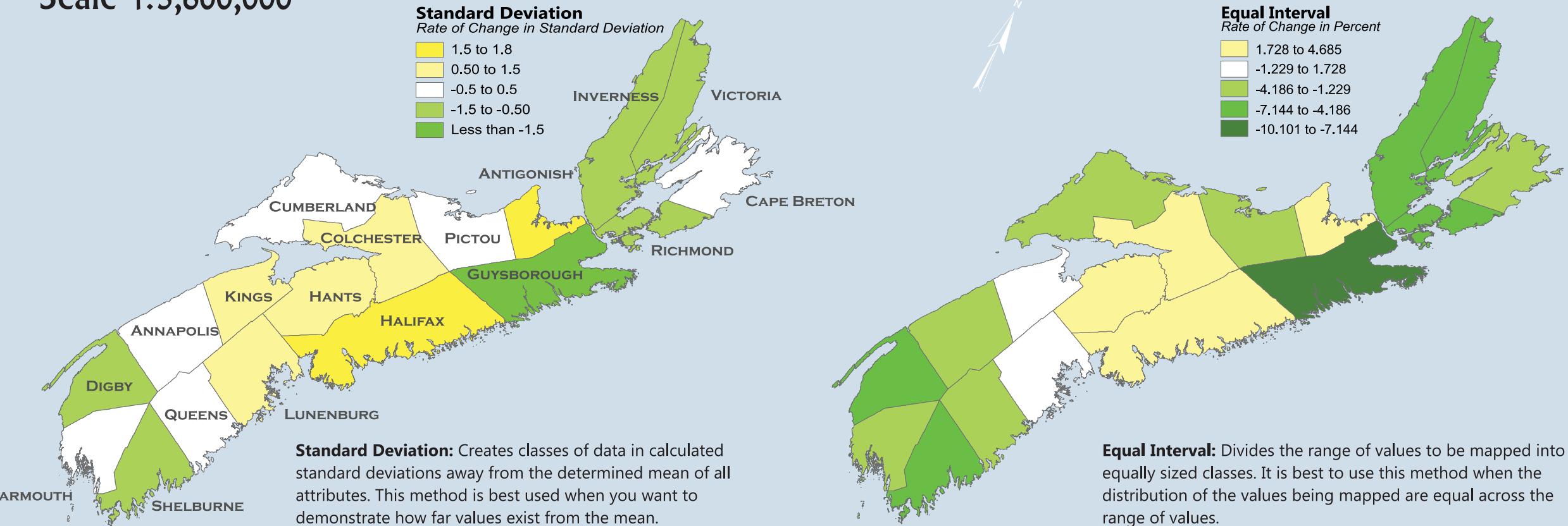
Dot density shows the concentration of population across Nova Scotia. It is evident that Halifax and Cape Breton county have the highest population concentrations.

• 1 dot represents 1000 people



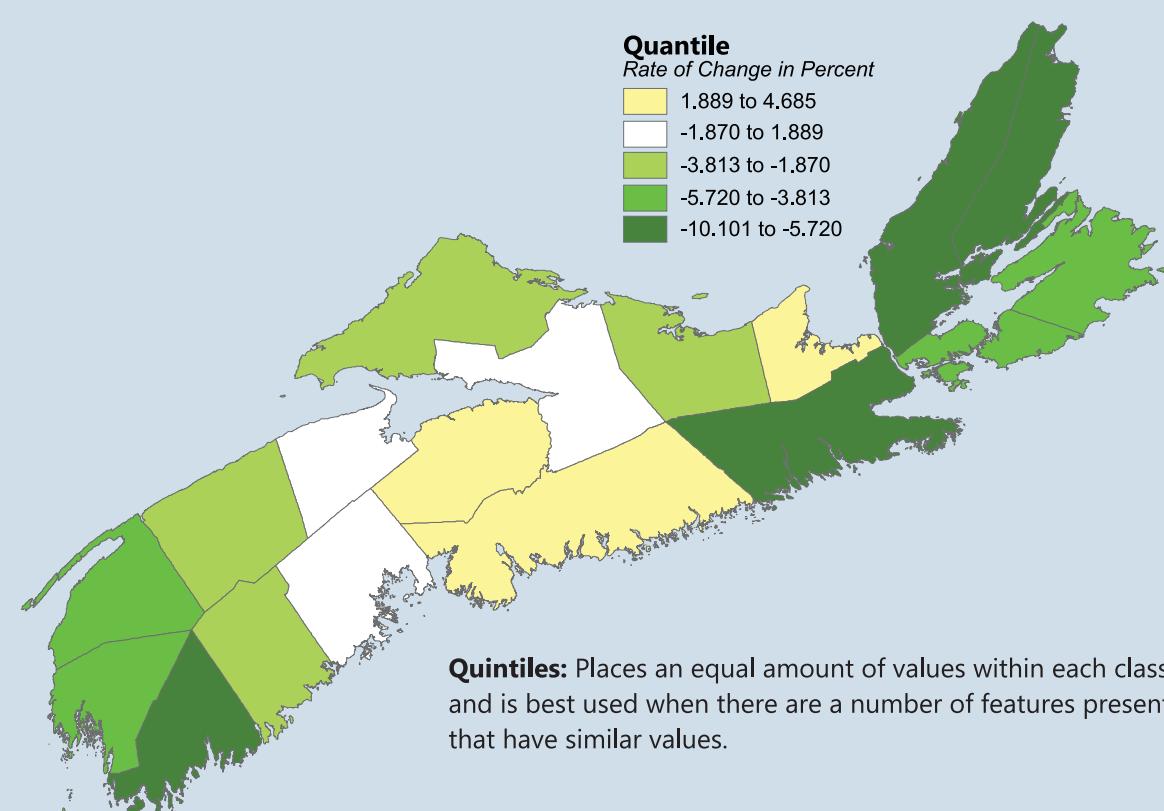
Rates of Population Change by County

Choropleth Mapping. Nova Scotia, 2006 - 2011
Scale 1:3,600,000

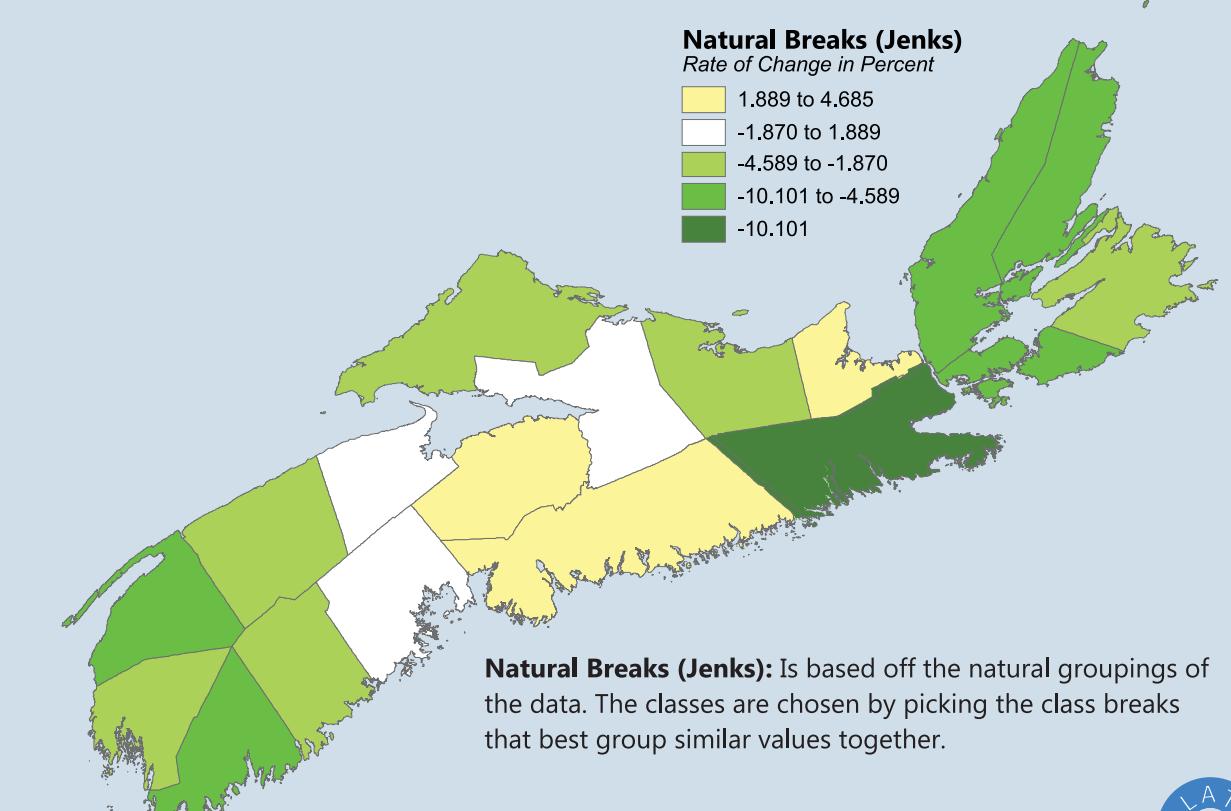


Standard Deviation: Creates classes of data in calculated standard deviations away from the determined mean of all attributes. This method is best used when you want to demonstrate how far values exist from the mean.

Equal Interval: Divides the range of values to be mapped into equally sized classes. It is best to use this method when the distribution of the values being mapped are equal across the range of values.



Quintiles: Places an equal amount of values within each class, and is best used when there are a number of features present that have similar values.

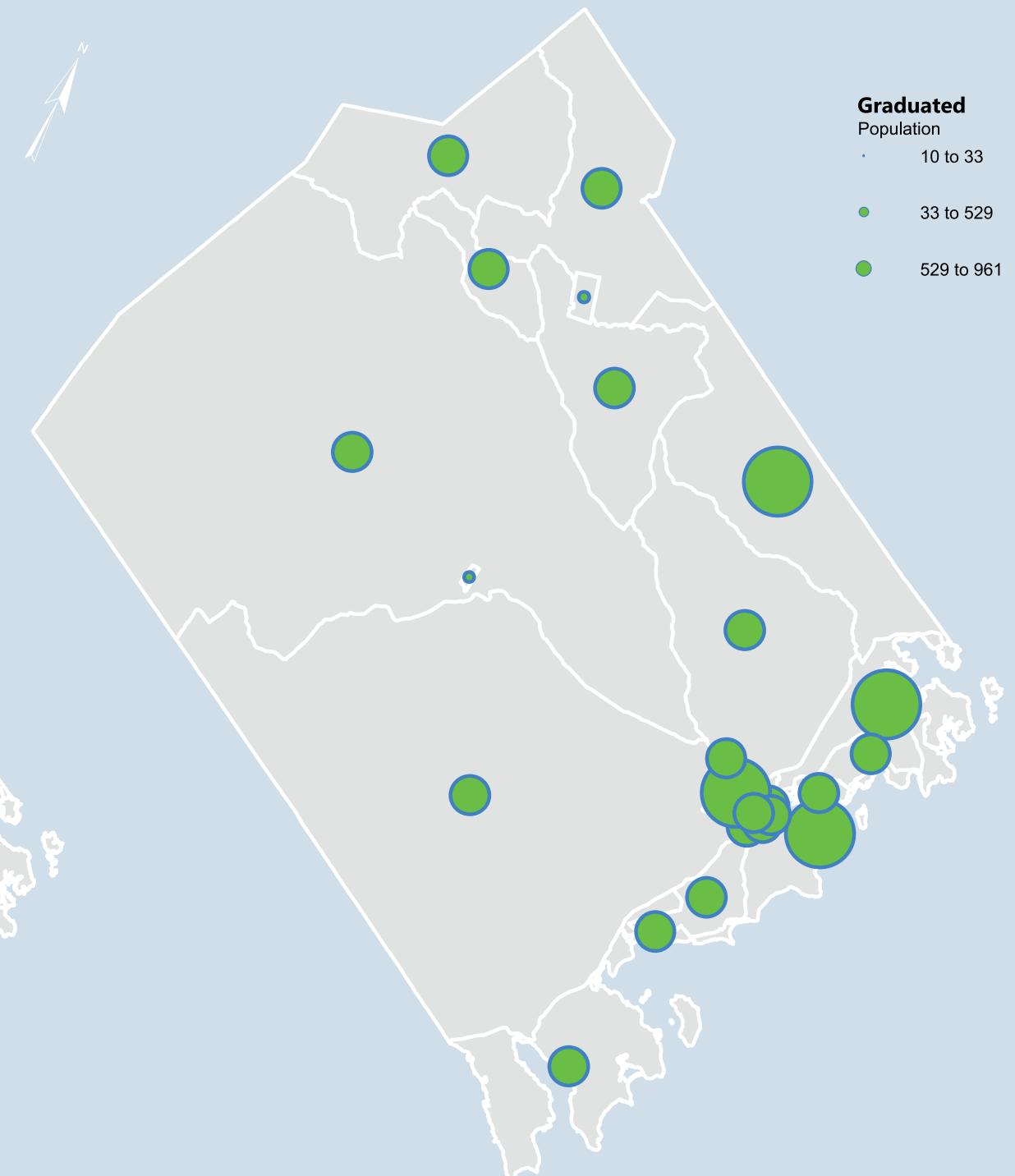
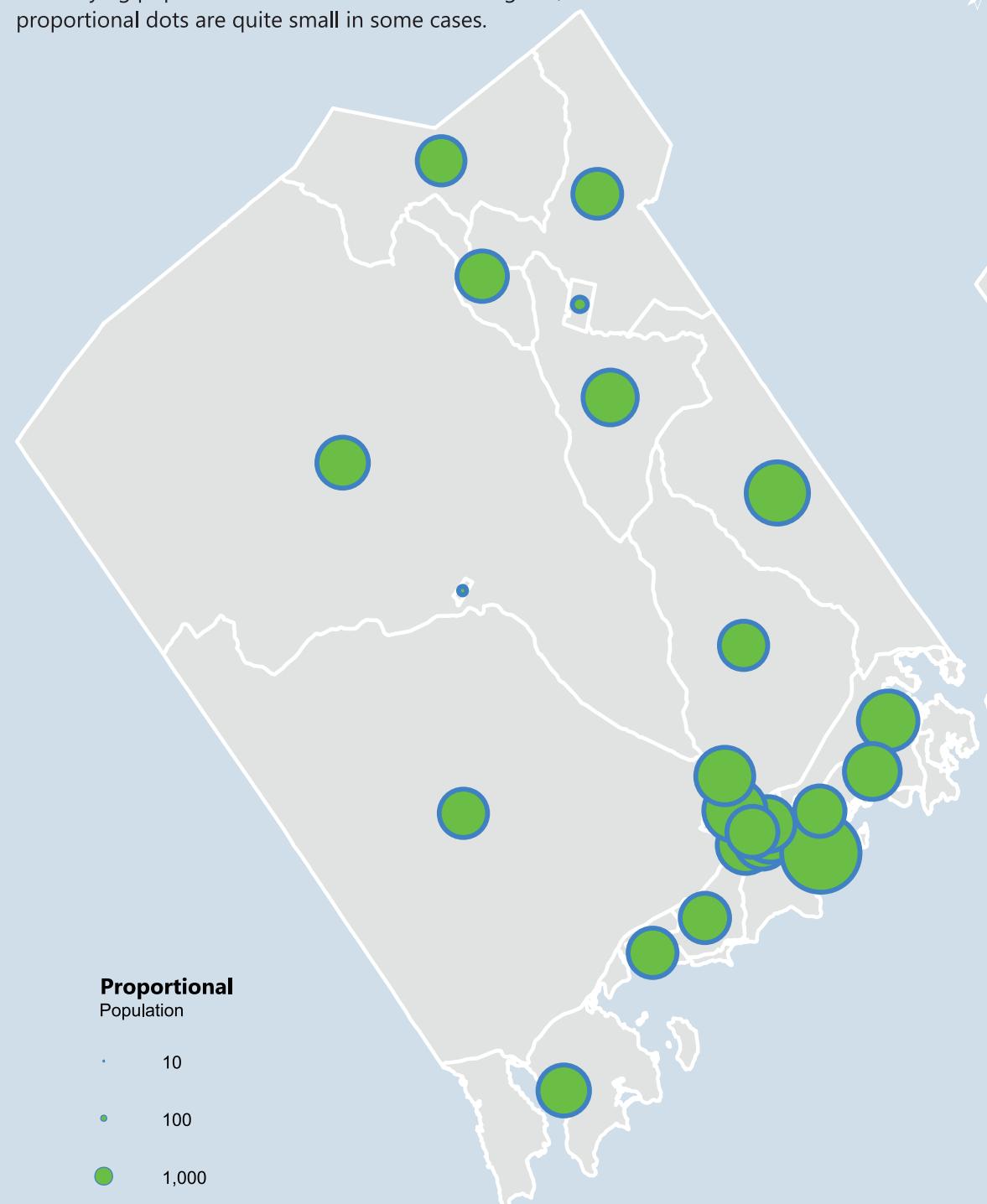


Natural Breaks (Jenks): Is based off the natural groupings of the data. The classes are chosen by picking the class breaks that best group similar values together.

Population Distribution of Queens County

Nova Scotia, 2011
Scale 1:450,000

Proportional symbols are used to represent different population values per disseminated regions. Due to Queens county's small and varying population based on disseminated regions, the proportional dots are quite small in some cases.



Graduated symbols represent the population range per disseminated region based upon the size of the symbol. For this map the higher the population, the larger the dot symbol.

SOURCE PAGE

Photos

- Sears, M. (n.d.). Celebrating delicious food year-round, [Online Image]. Retrieved February 5, 2016 from Nova Scotia:
<http://www.novascotia.com/about-nova-scotia/blogs/indulge-food-wine-festivities-winter-nova-scotia>
- Dave and Deb. (Photographer). (n.d.). Living local at Peggy's cove, Nova Scotia, [Online Image]. Retrieved February 5, 2016 from TheplanetD: <http://theplanetd.com/nova-scotia-pictures/>
- Ingram, J. (Photographer). (n.d.). Street view of pubs and restaurants along argyl street, [Online Image]. Retrieved February 5, 2016 from Nova Scotia Keep Exploring:
<http://caen-keepexploring.canada.travel/places-to-go/nova-scotia/#?galleryItemId=2000089798>
- Inglis, G. (Photographer). (n.d.). Hope I Crystal Crescent Beach, Nova Scotia, [Online Image]. Retrieved February 6, 2016 from George Inglis Photography:
<http://www.georgeinglis.ca/project/hope-crystal-crescent-beach-nova-scotia/>

Statistical Sources

- Plate 1 : Statistics Canada. Age Characteristics for Nova Scotia by county. 2011 Census, 100% Data [Table]. (2012). "Census Profile". 2011 Census Statistics Canada. Retrieved from; <http://www12.statcan.gc.ca/census-recensement/2011/geo/bound-limit/bound-limit-2011-eng.cfm>
- Plate 2 : Statistics Canada. Nova Scotia Census Divisions [Table]. (2012). 2011 Census Statistic Canada, Catalogue 92-150-BB,
- Plate 3 : Statistics Canada. Nova Scotia Census Divisions [Table]. (2012). 2011 Census, Statistic Canada, Catalogue 92-150-BB
- Plate4: Statistics Canada. Annapolis County Dissemination Areas [Table]. (2012). Geosuite. 2011 Canada, Catalogue 92-150-XBB

Cartographic Boundary Sources

- Plates 1, 2 and 3: Census Division Cartographic Boundary File - Catalogue no. 92-160-G2011001, Digital Data (shapefile), Ottawa, Ontario. Statistics Canada.
Retrieved From: <http://www12.statcan.gc.ca/census-recensement/2011/geo/bound-limit-eng.cfm>
- Plates 4: Census Division Cartographic Boundary File - Catalogue no. 92-160-G2011001, Digital Data (shapefile), Ottawa, Ontario. Statistics Canada. Retrieved From:
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Tools Used

- ArcMap 10.3
GeoSuite 2011
Corel Photo-Paint X6
CorelDraw X6

Disclaimer

This map is produced as a portion of the requirements of the Geographic Sciences Program at the Centre of Geographic Sciences, NSCC, Lawrencetown, Nova Scotia. The project is unedited, unverified and intended for educational purposes only, © 2016 COGS

All maps are in NAD 83 Statistics Canada Lambert Conic Conformal Projection

