


# GIS/Data Update

Karyl Fuller, Isothermal RPO

# ArcGIS Online—Current Status

 **NC Association of Regional Councils**

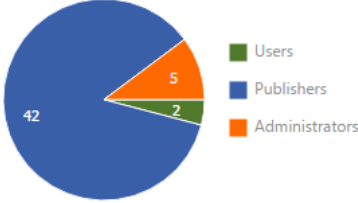
Created On 10/3/2013	Renewal Date 9/17/2016	Credits Remaining 440.51
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Quick Date Select ▼ Start:  End:

**Credits** | **Content** | **Apps** | **Members** | **Groups**

Jul 1, 2016, 12:00:00 AM GMT to Jul 25, 2016, 7:12:21 PM GMT  
Filter, order and view details by interacting with member charts, tables and map

### Members By Role and Credit Usage



- Users: 2
- Publishers: 42
- Administrators: 5

Member	Role	Credit Usage
Nate Broman-Fulks	Publisher	680.56
Lauren Tuttle	Publisher	71.70
Rose Bauguess	Administrator	21.52
Jason Brown	Publisher	10.11
Brian Carson	Publisher	0.09
Ben Bearden	Administrator	0.05
Jon Beck	Administrator	0.01

Using 49 of 50 Accounts

### Utilization Summary and Statistics for Nate Broman-Fulks

# ArcGIS Online/ Community Analyst

		FY 2016-17			FY 2015-16		Variance	
		AGOL & Community Analyst (50 Users)			AGOL & Community Analyst (50 Users)			
		\$11,672			\$11,672			
REGION		2014 Certified Population Estimate	<b>COST</b> - \$500 Minimum Base Plus Pro Rata Share	Seats	Cost	Seats	Cost	Seats
<b>A</b>	Southwest Planning Commission	197,285	\$696.27	3	\$800.49	3	(\$104.22)	0
<b>B</b>	Land of Sky Regional Council	417,184	\$915.05	4	\$702.00	3	\$213.05	1
<b>C</b>	Isothermal Planning & Development Commission	231,586	\$730.40	3	\$852.96	4	(\$122.56)	(1)
<b>D</b>	High Country COG	212,980	\$711.89	3			\$711.89	3
<b>E</b>	Western Piedmont COG	365,304	\$863.43	4			\$863.43	4
<b>F</b>	Centralina COG			0		0		0
<b>G</b>	Piedmont Triad Regional Council			0		0		0
<b>J</b>	Triangle J COG	1,818,479	\$2,309.17	10	\$2,569.63	11	(\$260.46)	(1)
<b>K</b>	Kerr-Tar COG	226,185	\$725.03	3	\$844.74	4	(\$119.71)	(1)
<b>L</b>	Upper Coastal Plain COG	305,841	\$804.27	3	\$966.10	4	(\$161.83)	(1)
<b>M</b>	Mid-Carolina COG	519,531	\$1,016.88	5	\$1,291.83	6	(\$274.95)	(1)
<b>N</b>	Lumber River COG	301,265	\$799.72	3	\$959.16	4	(\$159.44)	(1)
<b>O</b>	Cape Fear COG	448,954	\$946.65	4	\$1,184.31	5	(\$237.66)	(1)
<b>P</b>	Eastern Carolina COG	656,602	\$1,153.24	5	\$1,500.78	6	(\$347.54)	(1)
<b>Q</b>	Mid-East Commission			0		0		0
<b>R</b>	Albemarle Commission			0		0		0
<b>TOTAL</b>		<b>5,701,196</b>	<b>\$11,672.00</b>	<b>50</b>	<b>\$11,672.00</b>	<b>50</b>	<b>\$0.00</b>	<b>0</b>

**TARGET= \$11,672.00 50**

Participating Regions	12
Base	\$6,000

Non-participating Regions	4
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# Community Analyst Training

- ▶ Friday, August 19, 2016
- ▶ Friday, October 14, 2016

# GIS/Public Transit Conferences

- ▶ NC ArcGIS Users' Group
  - ▶ September 27-September 30, Carolina Beach
- ▶ 22nd National Conference on Rural Public and Intercity Bus Transportation Registration
  - ▶ October 2-5, 2016, Asheville
- ▶ NCGIS
  - ▶ February 22-24, 2017, Raleigh Convention Center

# US Census Update

- ▶ Block Group data available in American FactFinder
- ▶ All BGs in a County
- ▶ If you use the Download Center, you can get all BGs in the State
  - ▶ Need to know the table that you want

1 Start 2 Dataset 3 Geographies 4 Search Results

Select geographies to add to Your Selections. Click **Next**.

The download center allows you to select from groups of geographies, such as all counties in a state. To select from all available geographies, use **Advanced Search**.

Select a geographic type:  
..... Block Group - 150

Select a state:  
North Carolina

Select a county:  
-- select a county --

Select one or more geographic areas and click **Add to Your Selections**:  
All Block Groups within North Carolina

**ADD TO YOUR SELECTIONS**

**Your Selections**

Search using...

Dataset:  
2014 ACS 5-year estimates

Block Group within Census Tract  
All Block Groups within North Carolina

Tables matching your selections: 370

PREVIOUS NEXT CANCEL

factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t

United States Census Bureau AMERICAN FactFinder

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

**Your Selections**

'Your Selections' is empty

load search | save search

Search using the options below:

Topics (age, income, year, dataset, ...)

**Geographies** (states, counties, places, ...)

Race and Ethnic Groups (race, ancestry, tribe)

Industry Codes (NAICS industry, ...)

EEO Occupation Codes (executives, analysts, ...)

To search for tables and other files in American FactFinder:  
Enter search terms and an optional geography and click **GO**

**Select Geographies**

List Name Address Map

Select geographies to add to Your Selections

Select from:  most requested geographic types  all geographic types

Select a geographic type:  
..... Block Group - 150

Select a state:  
North Carolina

Select a county:  
Cleveland

Select one or more geographic areas and click **Add to Your Selections**:  
All Block Groups within Cleveland County, North Carolina

**ADD TO YOUR SELECTIONS** **ABOUT THIS GEOGRAPHY**

Didn't find your geographic type? Click the 'all geographic types' radio button above, or try the Name, Address or Map

# US Census—Summer Camp

You are here: [US Census](#) / [Educational Resources](#)

## Educational Resources

[Main](#) | [Training Events](#) | [Training Resources Library](#) | [FAQs](#) | [Contact Us](#)

### Getting Started

[E-Tutorials](#)

[Course Descriptions](#)

### Email Updates

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### Training Opportunities

#### We Can Help You!

Let us show you how to find and use Census data for your everyday uses, including informing your business planning, supporting grant proposals and research projects, planning of local schools and hospitals, and much more! Whether or demographic data, we can teach you how to get what you need for your various projects.

#### Options for Learning

There are three main ways that you can learn to find Census data. And all of it is free!

- Webinars – see the list below for our upcoming webinars. No registration is needed. We also have a network of Data Specialists who can provide training throughout the nation – these webinars require registration.
- Video Tutorials – We have a growing number in our Training Resources Library.
- Classroom Training – We do this when distance and staff resources allow. Often, as an alternative to a classroom training, we can schedule a webinar for you on the topic you're interested in!

Take Advantage of the Data Today!

#### Course Schedule

Rescheduled for Aug. 15, 2016: Using the Census API with the American Community Survey ([See details below](#)).

July 25, 2016 [Summer Camp Webinar – Your Constituents by the Numbers: Accessing Data for Political Boundaries](#)

July 26, 2016 [Summer Camp Webinars – Talking Numbers in Indian Country: Weaving Census Data into Grants, Community Assessments and Strategic Planning-a 3-part series](#)

July 26, 2016 [Summer Camp Webinar – The American Community Survey\(ACS\) & Your NYC Community by the Numbers](#)

July 26, 2016 [Summer Camp Webinar – Get to Know the Ferrett: ACS PUMS Data Access & Cross Tabulation Using DataFerrett](#)

July 27, 2016 [Summer Camp Webinar – Census Reporter](#)

July 28, 2016 [Summer Camp Webinar – Where to Find NYC Business & Economic Data on census.gov](#)

July 28, 2016 [Summer Camp Webinar – Workforce Indicators @ Your Fingertips – QWI Explorer for New England States](#)

July 28, 2016 [Summer Camp Webinar – Movement and Change: Accessing data on Foreign Born Populations in the United States](#)

July 29, 2016 [Summer Camp Webinar – On the Map: The Road to Employment Dynamics for Massachusetts](#)

Aug 02, 2016 [Summer Camp Webinar – Long Island Income & Poverty Related Statistics](#)

Aug 02, 2016 [Summer Camp Webinar – Data on a Deadline: Quick Data Tools & Interactive Maps](#)

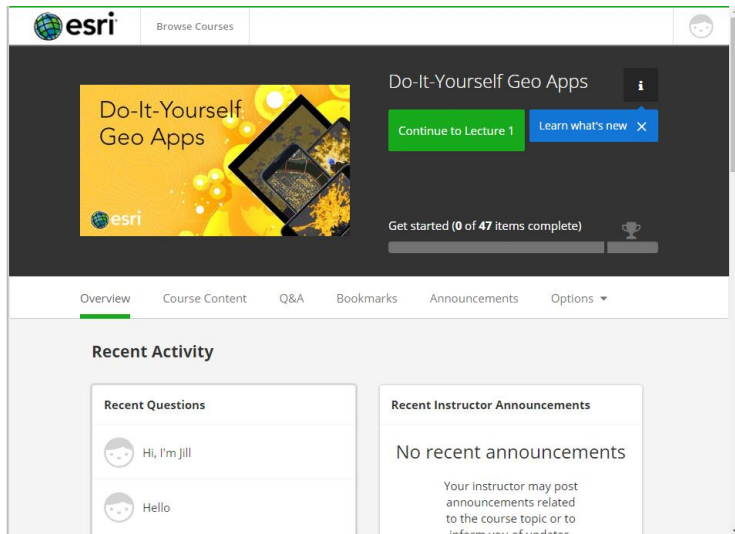
Aug 02, 2016 [Genealogy](#)

Aug 03, 2016 [Summer Camp Webinar – Nevada Hispanics by the Numbers](#)

Aug 04, 2016 [Summer Camp Webinar – Where to Find Long Island Business & Economic Data on census.gov](#)

Aug 04, 2016 [Summer Camp Webinar – On the Map: Road to Employment Dynamics in Rhode Island](#)

# ESRI Training



Who is the new Esri Training site for?

The Esri Training site is for individuals and organizations that use the ArcGIS platform. Students, educators, and professionals of all ages and career stages will benefit from the learning resources found on the new site. Some of those resources will be freely available to everyone.

All customers that have an Esri qualifying product with a current maintenance subscription will receive **unlimited access** to all self-paced e-Learning resources on the new site. Outside the United States, contact your [local Esri distributor](#) for details.



# NCBELS

- ▶ The Surveyors' Model Law Working Group was formed in late 2007 and met through mid-2010 to address lingering concerns over GS §89C. The group worked closely with NC Board of Engineers and Land Surveyors (NCBELS) on "common ground". Soon after, several outstanding questions were identified by the working group and a request for advisory opinion was made to the Attorney General's Office. This advisory opinion was received. One of the clarifications was regarding the applicability of the law to regional councils of government (COGs). COGs are established as NC Government entities as part of General Statutes [160A-470](#) and [160A-475](#), and with proper local government member resolution can work to the same extent as can a 'political subdivision of the State' or 'municipalities' as set out in G.S. [89C-25\(7\)](#).
- ▶ Changes to GS §89C were passed in 2014 and 2015 by the General Assembly. These changes went under the radar of the Geographic Information Coordinating Council (GICC), the NCARCOG GIS Users Group and other GIS-related government entities in North Carolina. At this time, it is unclear how these changes effect government GIS/GPS. It is also unclear exactly what role the GICC has establishing law relating to GIS and GPS and how that relates to the NCBELS. G.S. [143B-1420](#) establishes the NC GICC and the role of the Center for Geographic Information and Analysis.
- ▶ The Working Group for Professional Land Surveying and GIS has been re-established by the GICC to work with NCBELS to define GIS in North Carolina, define the scope of engineering and surveying services in relation to GIS, articulate how GIS is practiced by GIS professionals, review the legislation to clarify the language and if needed, make recommendations on how to enable GIS practices through agencies and Boards that are stakeholders, including potential modifications to legislation and rules governing professional land surveying and GIS.
- ▶ Should you have any questions, concerns or suggestions you would like for the Working Group to hear, please feel free to contact me present your ideas. Also representing your interest to the State level are Malinda Ford, Jon Beck, Jessica Brannock Welborn - Chair, Vice Chair and Secretary, respectively, of the NCRCOG GUG. I am the Past Chair. Feel free to contact any one of us with your ideas. Jon also serves as the NCRCOG representative on the GICC and Jessica is the NCRCOG representative on the GICC Local Government Subcommittee.

# Base Map Layers

Base Map		
Layer Name	Download (click to download directly to your computer, if possible)	Notes
County Boundaries	<a href="#">CountyBoundaryShoreline.zip</a>	Some small urban plans may not require this layer.
Municipal Boundaries	<a href="#">MunicipalBoundaries.zip</a>	
Roads	<a href="#">LRS_ARCS_SHP.zip</a>	<a href="#">This layer does not contain local road names. Refer to the ISRN layer in the resource tab for this information. For attribute descriptions, click here.</a>
Schools - Public (Points)	<a href="#">schlpl.zip</a>	
Schools - Non-Public (Points)	<a href="#">schlnp.zip</a>	From NC One Map. May be better local data.
Schools - Colleges and Universities (Points)	<a href="#">colluniv.zip</a>	
Railroads	<a href="#">Railroad Data</a>	Click on 'Railroad Data' in column B. From the webpage that opens, scroll all the way down and download the NCDOT Rail Division Data shapefiles provided in three different datasets: Track (line), Crossings (point), and Facility (point). For a NCDOT Rail system online map and webservice
Rivers and Streams	Medium Resolution: <a href="ftp://rockyftp.cr.usgs.gov/vdelivery/Datasets/Staged/Hydrography/NHD/State/MediumResolution/GDB/">ftp://rockyftp.cr.usgs.gov/vdelivery/Datasets/Staged/Hydrography/NHD/State/MediumResolution/GDB/</a> High Resolution: <a href="ftp://rockyftp.cr.usgs.gov/vdelivery/Datasets/Staged/Hydrography/NHD/State/HighResolution/GDB/">ftp://rockyftp.cr.usgs.gov/vdelivery/Datasets/Staged/Hydrography/NHD/State/HighResolution/GDB/</a>	Medium Resolution: Copy link and then Pick NHD_M_37_North_Carolina_ST.zip from list High Resolution: Copy link and then Pick NHD_H_37_GDB.zip
Parcels	<a href="http://data.nconemap.gov/downloads/vector/parcels/">http://data.nconemap.gov/downloads/vector/parcels/</a>	Update Year is included in the name of file
2015 Aerial Imagery	<a href="http://data.nconemap.gov/downloads/raster/county_mosaics_most_recent/">http://data.nconemap.gov/downloads/raster/county_mosaics_most_recent/</a>	Imagery available by county. I believe all counties done (2015)