

GWZJ D3P
CHEROKEE NATION®



Cherokee Nation 2012 Re-Districting

Constitutional Requirements

- Cherokee Nation Constitution Article VI, Section 3
 - The Council shall establish representative districts which shall be within the boundaries of the Cherokee Nation. Fifteen of these seats shall be apportioned to afford a reasonably equal division of citizenship among the districts, and the remaining two shall be elected at-large by those registered voters residing outside the boundaries of the Cherokee Nation voting at-large in accordance with this section.

LA-36-10 requirements

- LA-36-10 section 5 sub-section D states no less than fifteen (15) districts for the 2013 tribal election based on the improved Registrar Citizenship data determined by the December 1, 2011 deadlines by August 1, 2012.

Date of Registration Data

- On May 7th, 2012 it was verified that as of 12/1/11 there were 118,397 CN Citizen records.
 - This was accomplished by cross-referencing the provided data with the registration report from Justin Godwin

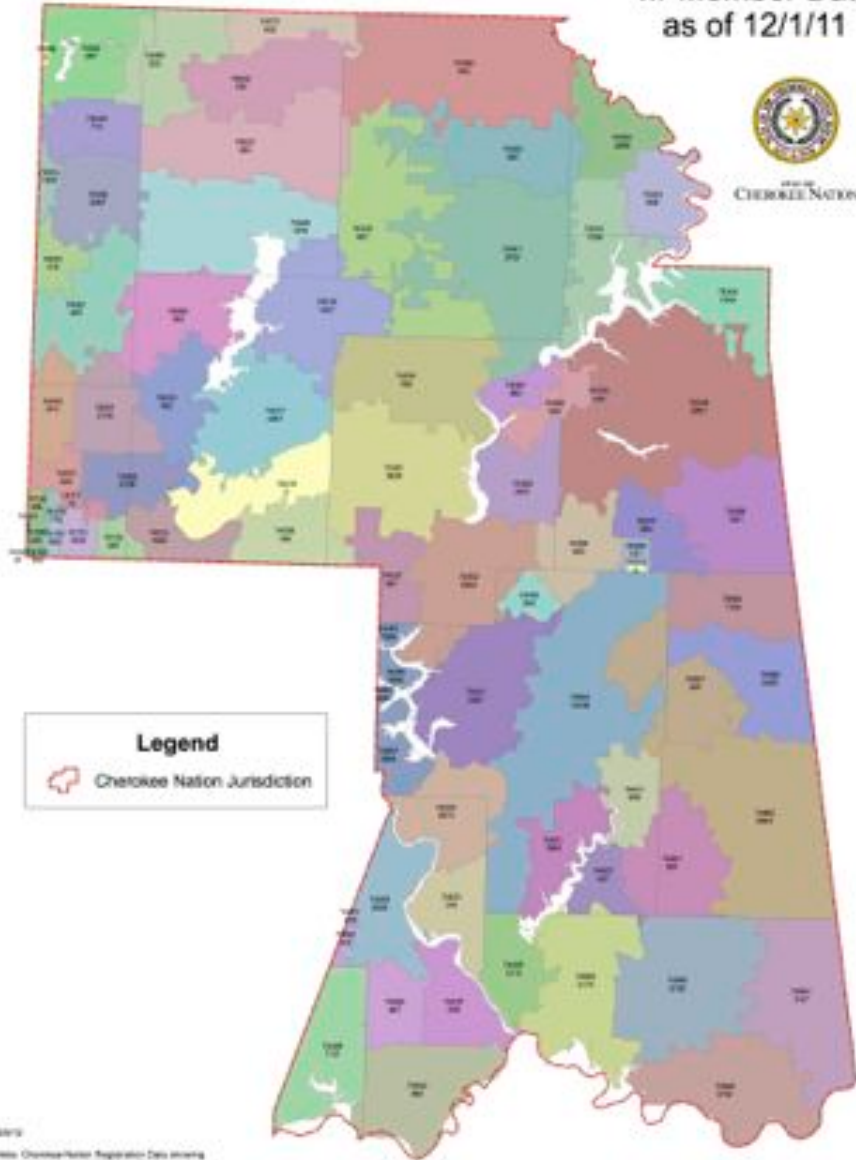
PO Boxes from Registration data

- For the purposes of re-districting PO Box records were added to the surrounding delivery zip code areas so they can be shown on a map
 - Example: PO Box records for 74465 have been added to the delivery zip code 74464 zip code.

Cherokee Nation Zip Codes w/ Member Date as of 12/1/11



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Legend
Cherokee Nation Jurisdiction

08/12
Note: Cherokee Nation Registration Data covering an October week as of 12/1/11 for US Postage. Data pulled from Registration on 8/12/11.

PO zip codes were added to a surrounding local delivery zip code. During analysis of this data records were found to have zip addresses within Cherokee Nation's jurisdiction. The data in this report of these zip codes adjusted from 716,047 to 717,000 (953 added).

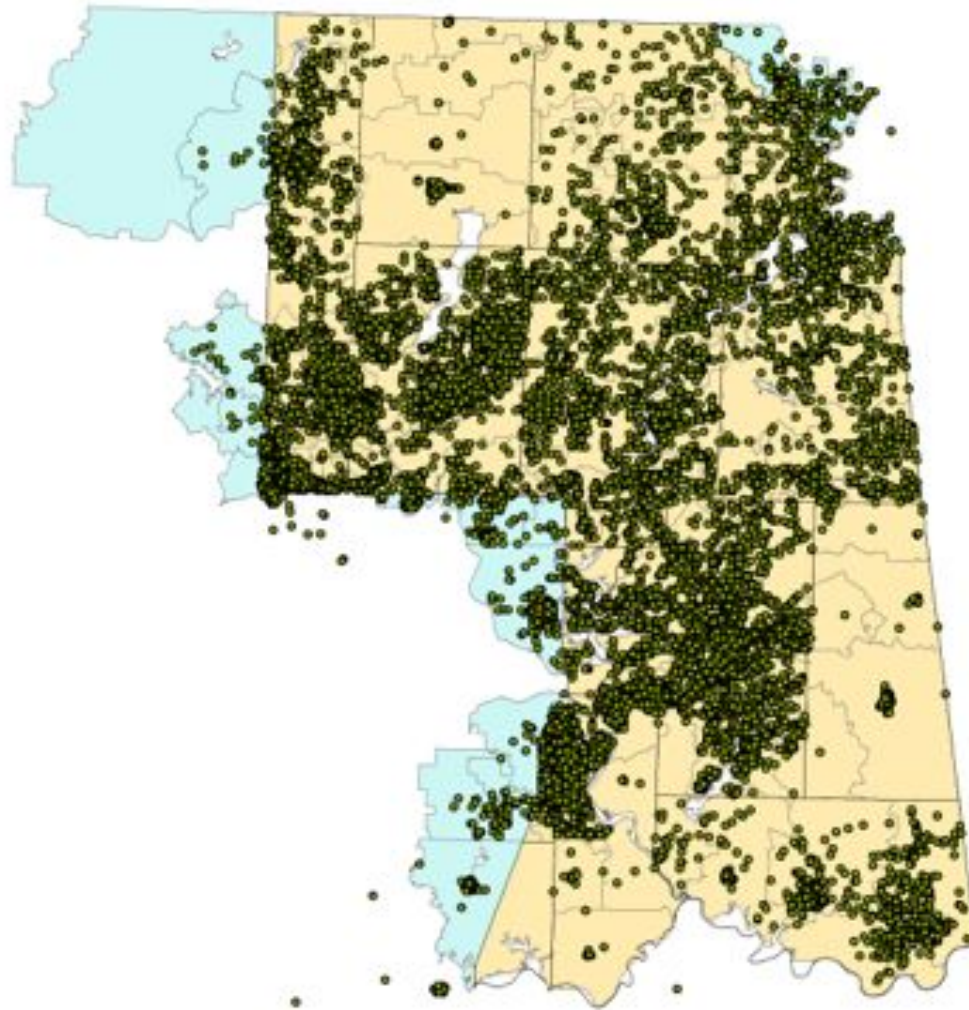
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Geocoding

- Geocoding (pin pointing location of addresses) was performed for all 118,397 records.
 - *Note: Geocoding is most precise in counties that have 911 data available.*
 - Once geocoding was performed, 464 records were located in zip codes which are nowhere near the CN Jurisdiction & were therefore eliminated.
 - The total CN Citizenship Count was adjusted to 117,933 citizens to reflect the 464 difference.

Geocoding Cherokee Nation Citizen Addresses



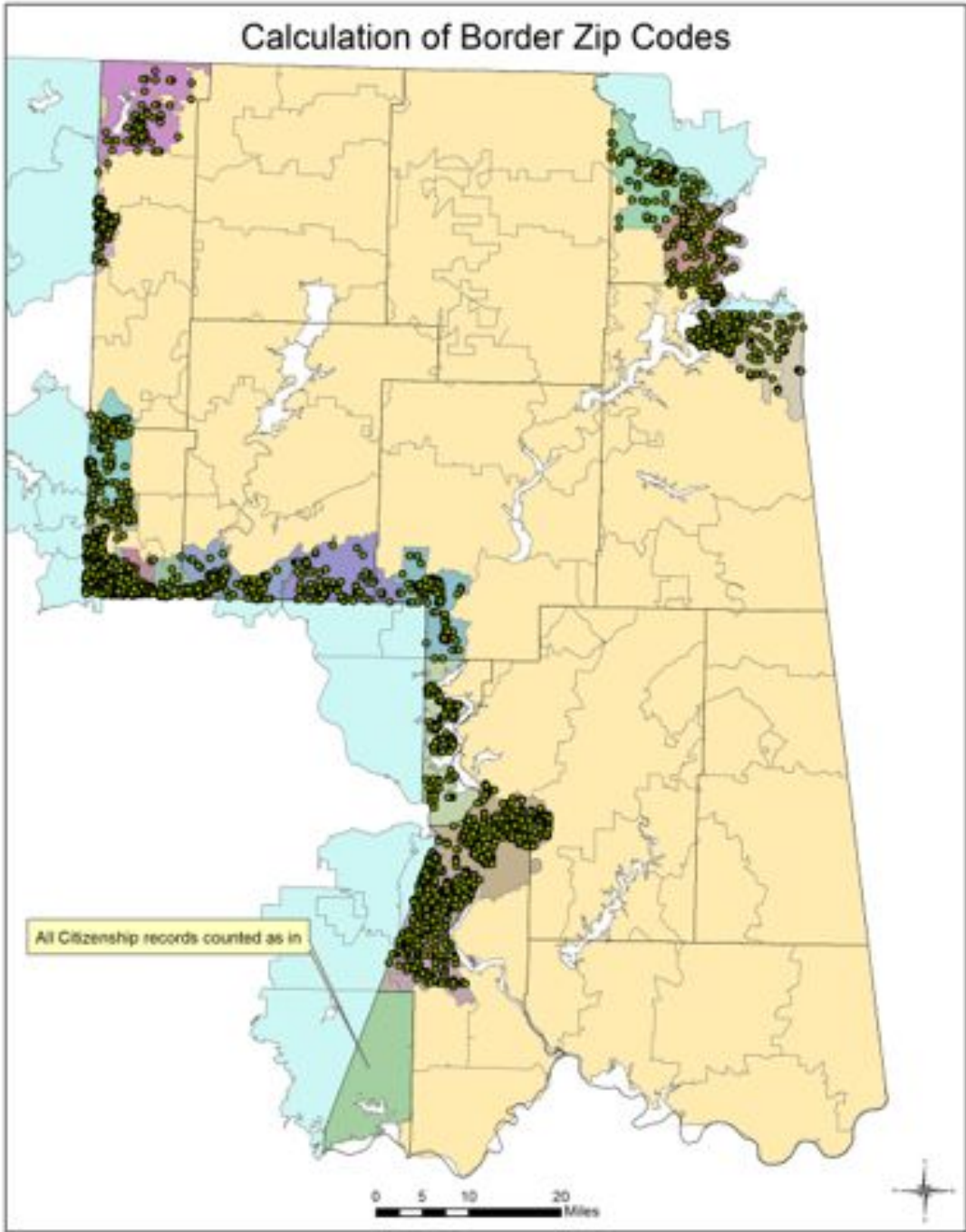
0 10 20 40 Miles



Border Zip Codes

- CN Citizenship totals for zip codes that cross the CN Jurisdiction have been adjusted to reflect the actual geocoded count of Citizens within the CN Jurisdiction.
 - 11,211 Citizens were found to be at large.
- The total CN Citizenship count was adjusted to **106,722 Citizens** within Cherokee Nation's Jurisdiction.
 - Note: Since 911 data is not available for McIntosh County all citizens were counted as in.

Calculation of Border Zip Codes



Zip Codes within Jurisdiction

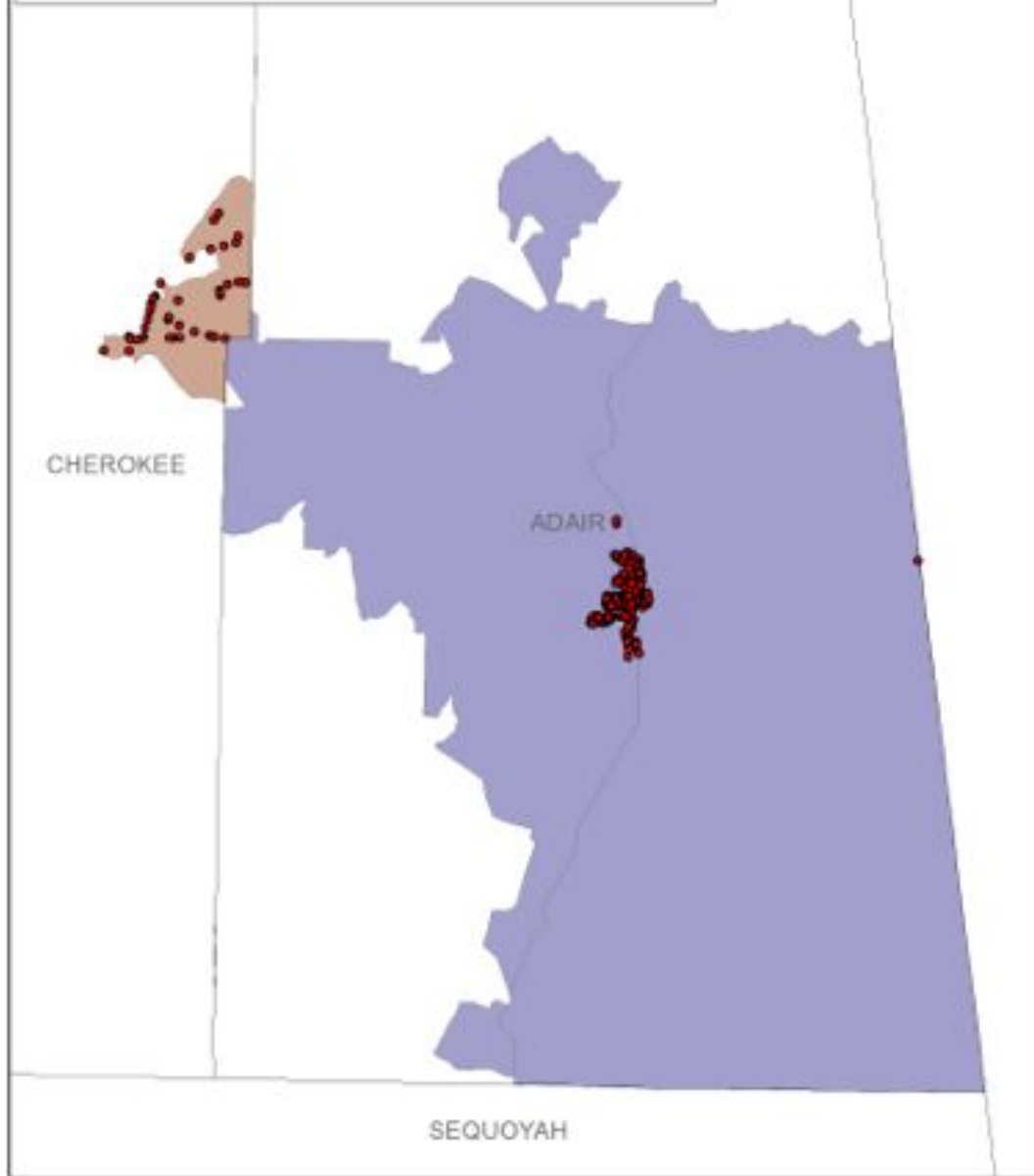
- Zip codes that have their geographic area completely within the CN Jurisdiction were split where they crossed County boundary lines.
 - Where geocoding could be used the citizenship totals for those areas were calculated to reflect the actual geocoded count.

Zip Codes within Jurisdiction

- Where 911 data is not yet available the difference of the total citizenship count and the total geocoded count (for areas where 911 data is available) was assigned.
- *Note: Geocoding is most precise in counties that have 911 data available.*

Zip Code 74960

There are 8,644 citizens in zip code 74960. The zip code is mostly in Adair County with a portion in Cherokee County. When the citizens are geocoded only 88 return good results and those are within Cherokee County. The remaining 8,556 are clustered within the town of Sowell.



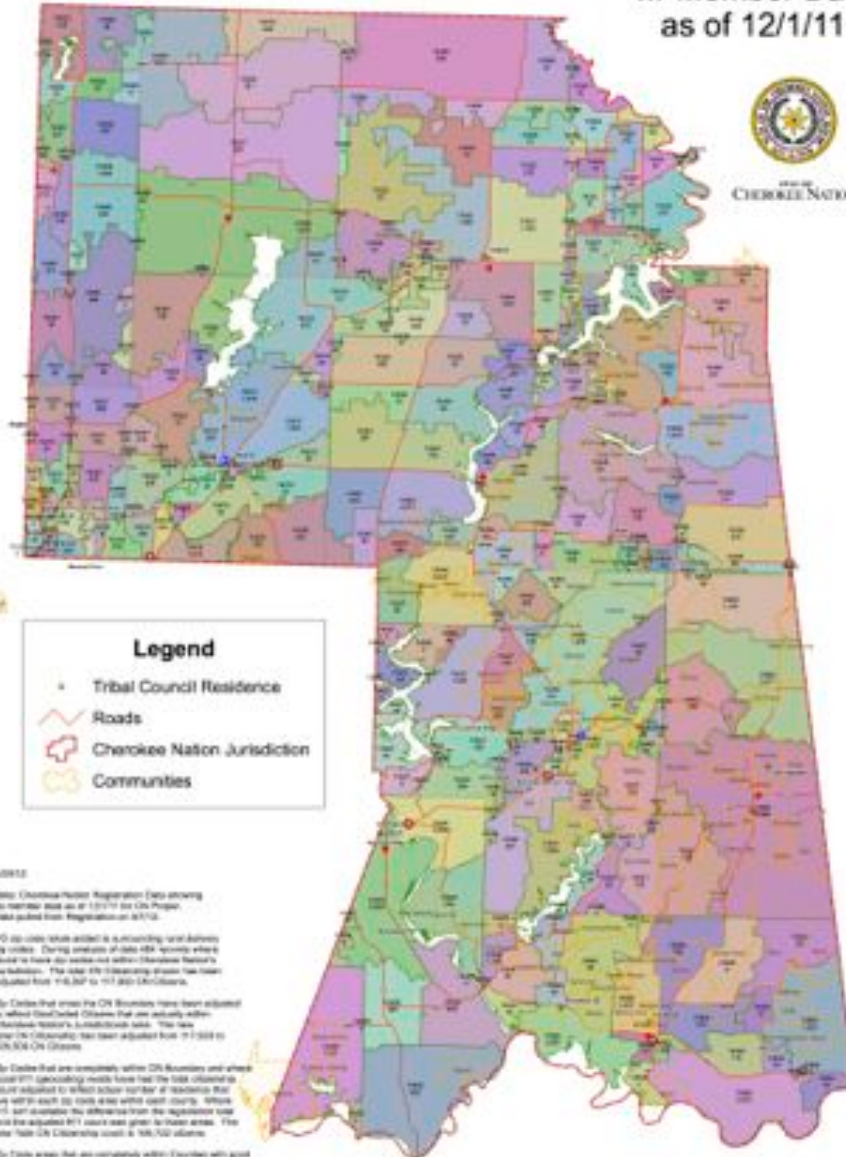
Landmarks

- Landmarks such as major/minor highways, roads, lakes, rivers, clinics, and casinos were added to help determine possible district boundaries.

Cherokee Nation Zip Codes w/ Member Date as of 12/1/11



CHEROKEE NATION



Legend

- Tribal Council Residence
- ~ Roads
- ⬡ Cherokee Nation Jurisdiction
- ⊗ Communities

NOTE:
 Note: Cherokee Nation Registration Data showing as member date as of 12/1/11 for CN People. Data pulled from Registration on 8/1/12.

PO zip codes were added to surrounding local delivery zip codes. During creation of this data, zip codes were found to have no coverage within Cherokee Nation's jurisdiction. The total US Citizenship count has been adjusted from 116,267 to 117,820 US Citizens.

Zip Codes that cross the CN boundary have been adjusted to reflect that they are not only within Cherokee Nation's jurisdiction. The total US Citizenship has been adjusted from 117,820 to 118,334 US Citizens.

Zip Codes that are completely within CN boundaries and where postal ZIP (excluding metro) have had the total adjusted to reflect that they are not only within Cherokee Nation's jurisdiction. The total US Citizenship count has been adjusted from 118,334 to 119,120 US Citizens.

Zip Codes that are completely within Counties with good ZIP (excluding metro) have had the total adjusted to reflect that they are not only within Cherokee Nation's jurisdiction. The total US Citizenship count has been adjusted from 119,120 to 120,000 US Citizens.

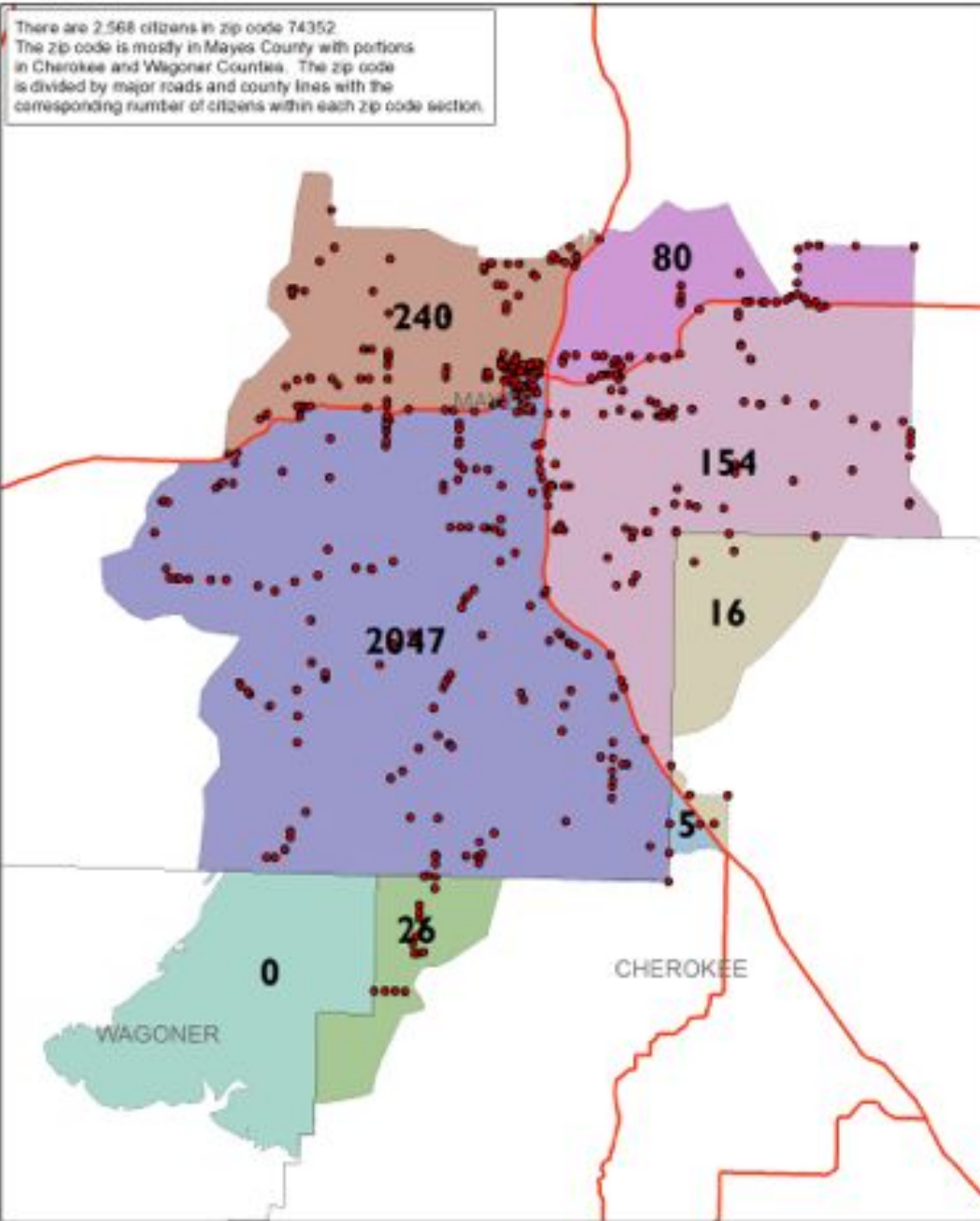
Zip Codes that are completely within Counties with good ZIP (excluding metro) have had the total adjusted to reflect that they are not only within Cherokee Nation's jurisdiction. The total US Citizenship count has been adjusted from 120,000 to 120,000 US Citizens.



Splitting Zip Codes Further

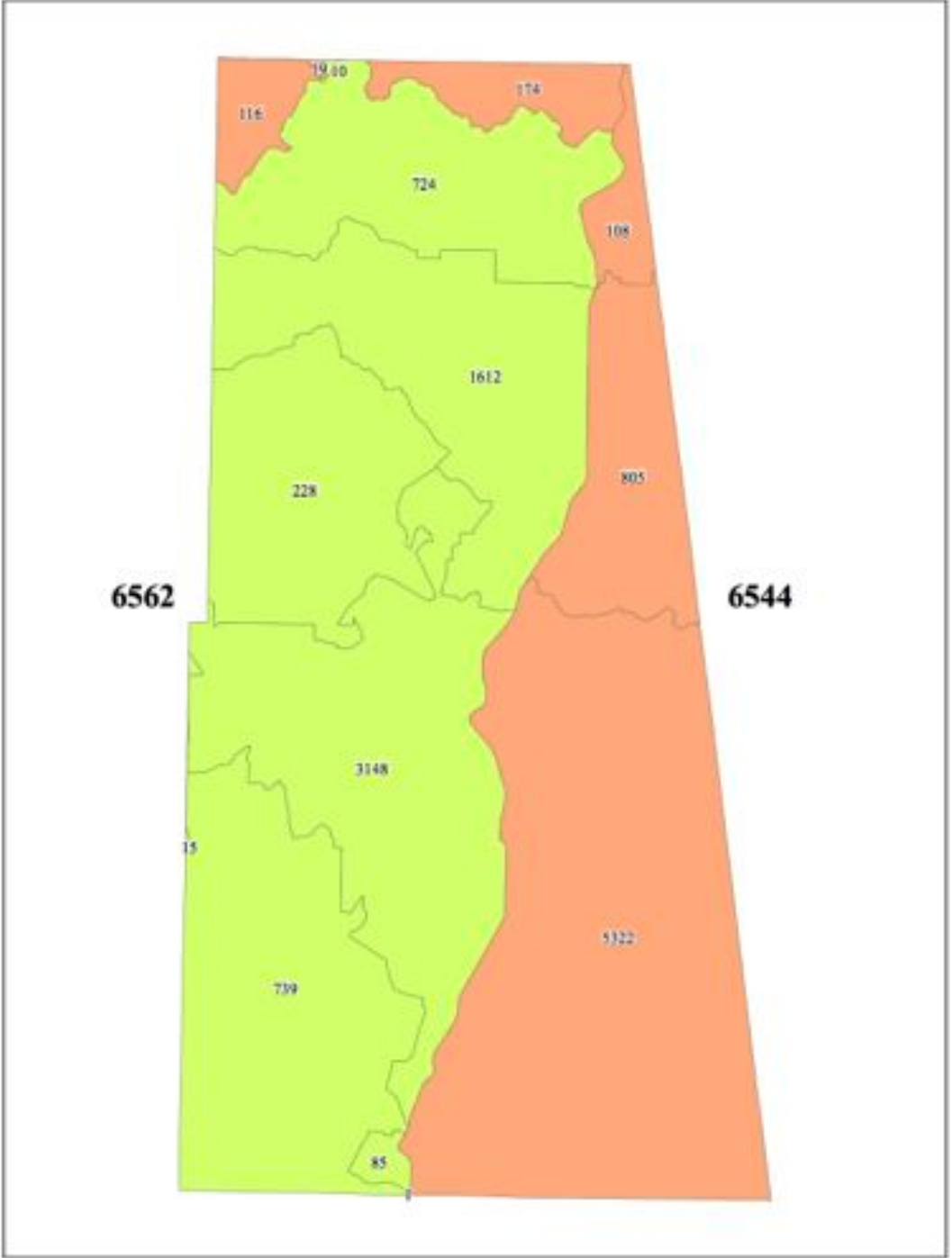
- Where 911 data is available zip codes were split by major roads/highways to give more possibilities for creating districts.
- Once the geographic area of each zip code was split into smaller pieces, the Citizenship count was calculated to reflect the actual geocoded count.
 - Note: where 911 data is not available the previous calculated count was used.

Zip Code 74352



Adair County

- Unique, due to no 911 data, size of zip codes, and total Citizenship count in each zip code.
 - Total of 13,106 CN Citizen records for Adair.
- Makes it impossible to use zip code boundaries or geocoding to determine possible district boundaries.
- Proportionment/land base method was the only solution to determine possible district boundaries within the County.



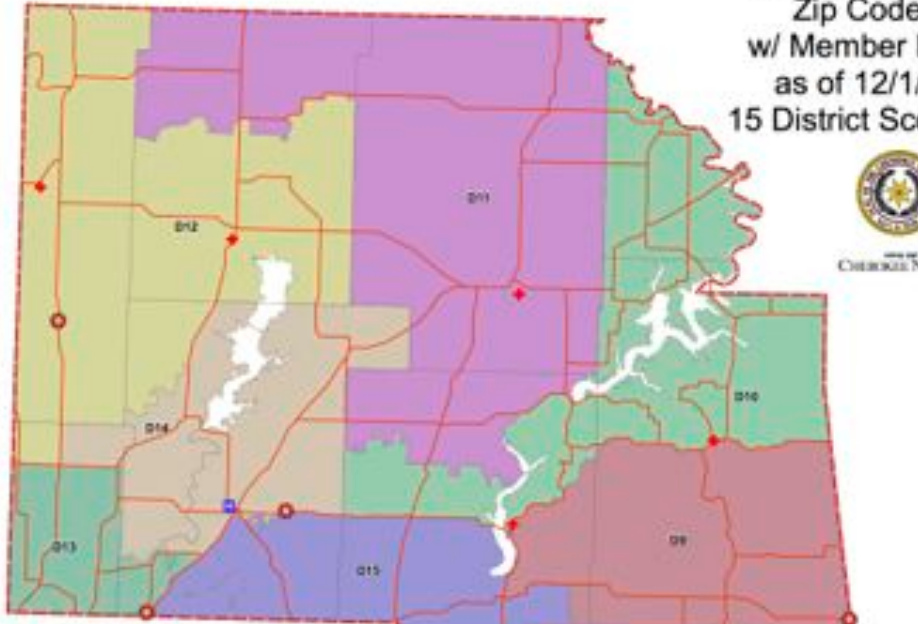
Final Count

- Total Cherokee Nation Citizenship count is **106,722 Cherokee Citizens.**

Cherokee Nation
 Zip Codes
 w/ Member Date
 as of 12/1/11
 15 District Scenario



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15 Districts Scenario 5/31/12

Total Citizens:	106,722		
Optimal Citizens:	7,115		
District	Population	Deviation	% Deviation
D01	6,776	-339	-4.76%
D02	6,558	-557	-7.83%
D03	6,553	-562	-7.90%
D04	7,437	322	4.53%
D05	7,731	616	8.66%
D06	7,288	173	2.43%
D07	6,562	-553	-7.77%
D08	6,544	-571	-8.03%
D09	6,838	-277	-3.89%
D10	7,018	-97	-1.36%
D11	6,466	-649	-9.12%
D12	7,561	446	6.27%
D13	7,789	674	9.47%
D14	7,822	707	9.94%
D15	7,779	664	9.33%

