Wood, Brunella

From: Miner, Patrick <PMiner@buttecounty.net> on behalf of Miner, Patrick
Sent: Sunday, August 11, 2024 6:44 PM
To: Hurtado;Maria
Subject: Re: DROC Statistics

This will be my last response until tomorrow; we're about to drive the hour and fifteen minutes home.

I'll take the lead on the conversation with Paula. Just to keep you in the loop, the implementation of the Accela software is being funded through a one-time allocation from the PG&E settlement funds. This funding covers the needs of the seven county departments and six external agencies that currently use TRAKiT. Ongoing maintenance and licensing costs are distributed based on usage, with DDS covering approximately 70% of those expenses. Additionally, the development and servicing of the debris program for the past two fires have been funded by the county, with reimbursement sought from state and federal sources where possible.

If we did this right, from the program, not from DDS staff intake, we wouldn't really impact any departments other than to build the reports, which....would be me.

Having your input on the reasonability of the thought is enough for me to at least ask around about it. If you had said it was a stupid idea I would have bailed before going any further 😉

Anyway, just wanted to make sure you had that background information. I'll talk to some people.

Patrick Miner
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T: 530.552.3669

From: Hurtado, Maria <MHurtado@buttecounty.net>
Sent: Sunday, August 11, 2024 18:22
To: Miner, Patrick <PMiner@buttecounty.net>
Subject: RE: DROC Statistics

It is very reasonable to ask for this data and track it and will help us with recovery efforts both in our county and for other counties in the future. I think it is worth raising at a DROC meeting after you have floated this by Paula. My understanding is that this application is paid for out of DDS's budget. If this will add time and additional expenses to the build out its possible that Paula may ask for a little more funding.

From: Miner, Patrick <PMiner@buttecounty.net>
Sent: Sunday, August 11, 2024 6:12 PM
To: Hurtado, Maria <MHurtado@buttecounty.net>
Subject: Re: DROC Statistics

Maria,

One other thing just crossed my mind:

Our ROE staff will be the primary point of contact for recovery actions and will be conducting outreach throughout the process. I'm currently in the middle of creating a record in Accela for the debris removal process, and part of that involves building out "custom fields." These are data fields that can be collected and used for various purposes, and they can also be reported on later.

Does it make sense to try to capture relevant information like this when we're engaging with citizens? Casey Hatcher and I discussed this during the last recovery effort and considered when and how to gather such data. We do some data gathering at LACs and other public events in the past, but the challenge was always getting the data out and making it reportable.

I'm envisioning a scenario where the outreach teams have a questionnaire and then enter the data into TRAKiT or, preferably, Accela. This data could then be combined with existing information to give us a more comprehensive understanding of the community and the rebuilding process.

For example, the questionnaire could include questions like:

- Do you rent or own?
- Are you currently employed?
- Do you have insurance?
- What's your level of insurance? (e.g., underinsured, adequately insured, does it include debris cleanup, tree cleanup?)
- Family size?
- Education level?

Once this data is in the system, we could monitor it throughout the cleanup and rebuilding phases.

This would allow us to explore questions such as:

- How much longer does it take for a person with no insurance to rebuild compared to someone who is adequately insured?
- What percentage of the currently unemployed eventually rebuild their homes?
- Are rentals more or less likely to be rebuilt?

This approach could provide valuable insights into how disasters impact different segments of the community.

I don't know who the best person to float this by is, but we have an opportunity to build something in the system to assist this, but only if it is valuable. You seem pretty on top of this type of thing, so I thought I would ask you first if you see it as a viable or even valuable possibility. Then we could further discuss.

Note: This email was drafted with the assistance of AI because I am on my phone and can't format it or even effectively proof read it.

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From: Hurtado, Maria <MHurtado@buttecounty.net>
Sent: Sunday, August 11, 2024 17:25
To: Miner, Patrick <PMiner@buttecounty.net>
Subject: RE: DROC Statistics

Quick question, how did you determine that "18.86% of residents in these tracts live at or below the poverty line?" What is the total number you used?

From: Miner, Patrick <PMiner@buttecounty.net>
Sent: Friday, August 9, 2024 3:05 PM
To: Hurtado, Maria <MHurtado@buttecounty.net>
Subject: Re: DROC Statistics

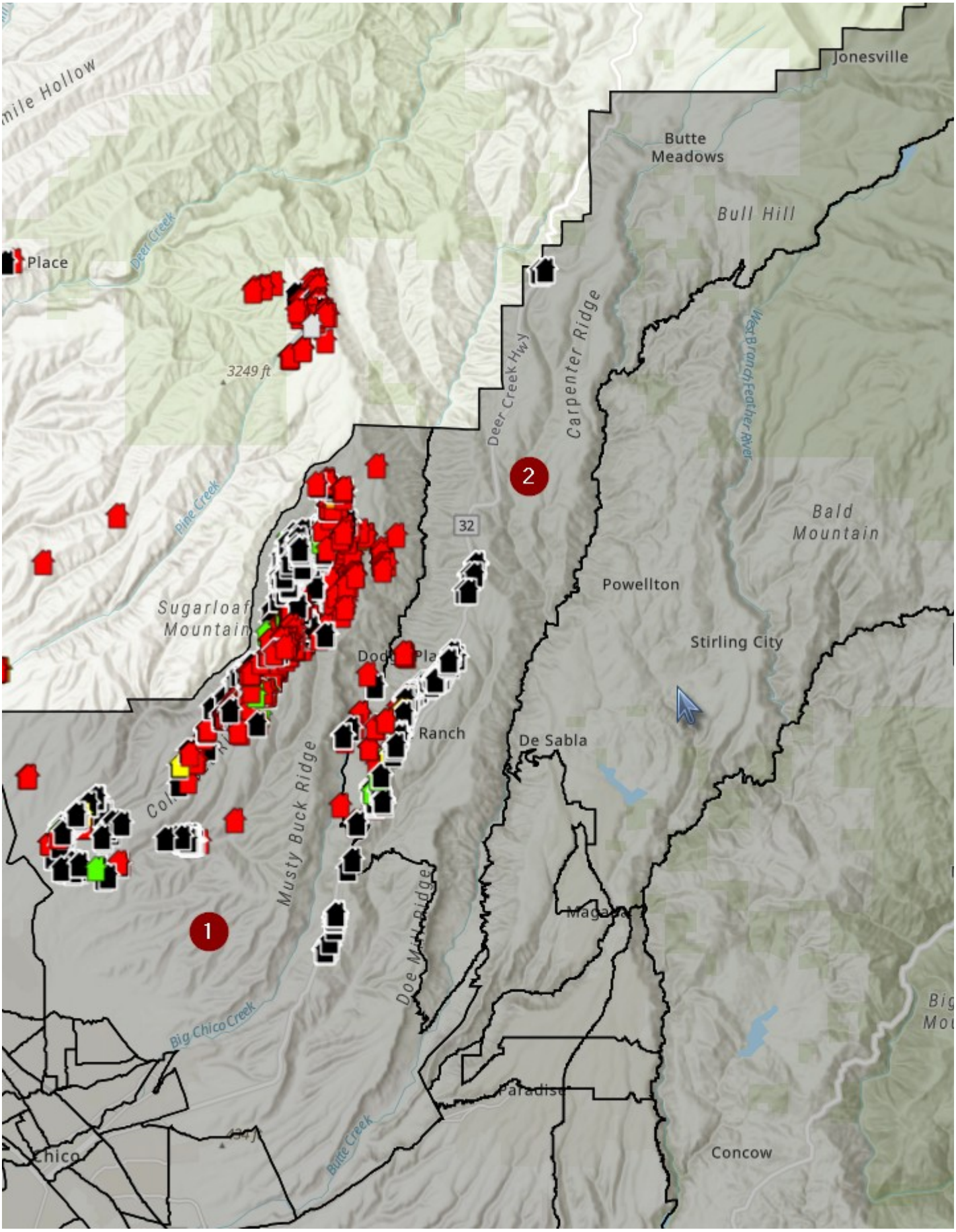
Typo, I used Total Value for properties not Improved Value, AI suggested that TV would be superior for a data run against LVQ

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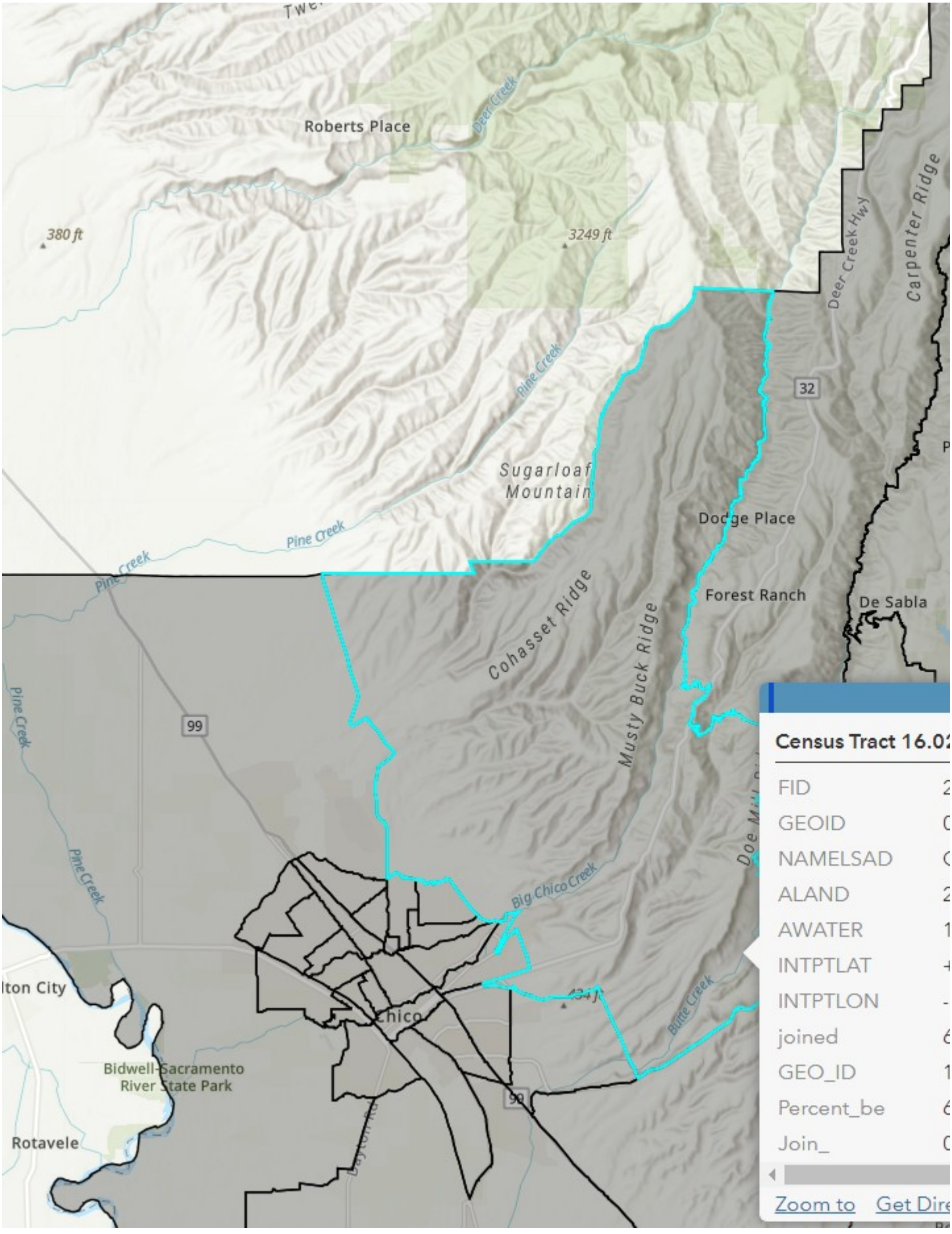
From: Miner, Patrick <PMiner@buttecounty.net>
Sent: Friday, August 9, 2024 14:58
To: Hurtado, Maria <MHurtado@buttecounty.net>
Subject: Re: DROC Statistics

Here are some quick back of the box numbers that might help with this. I really look forward to the screen share so we can just see this process and have your expertise on these.

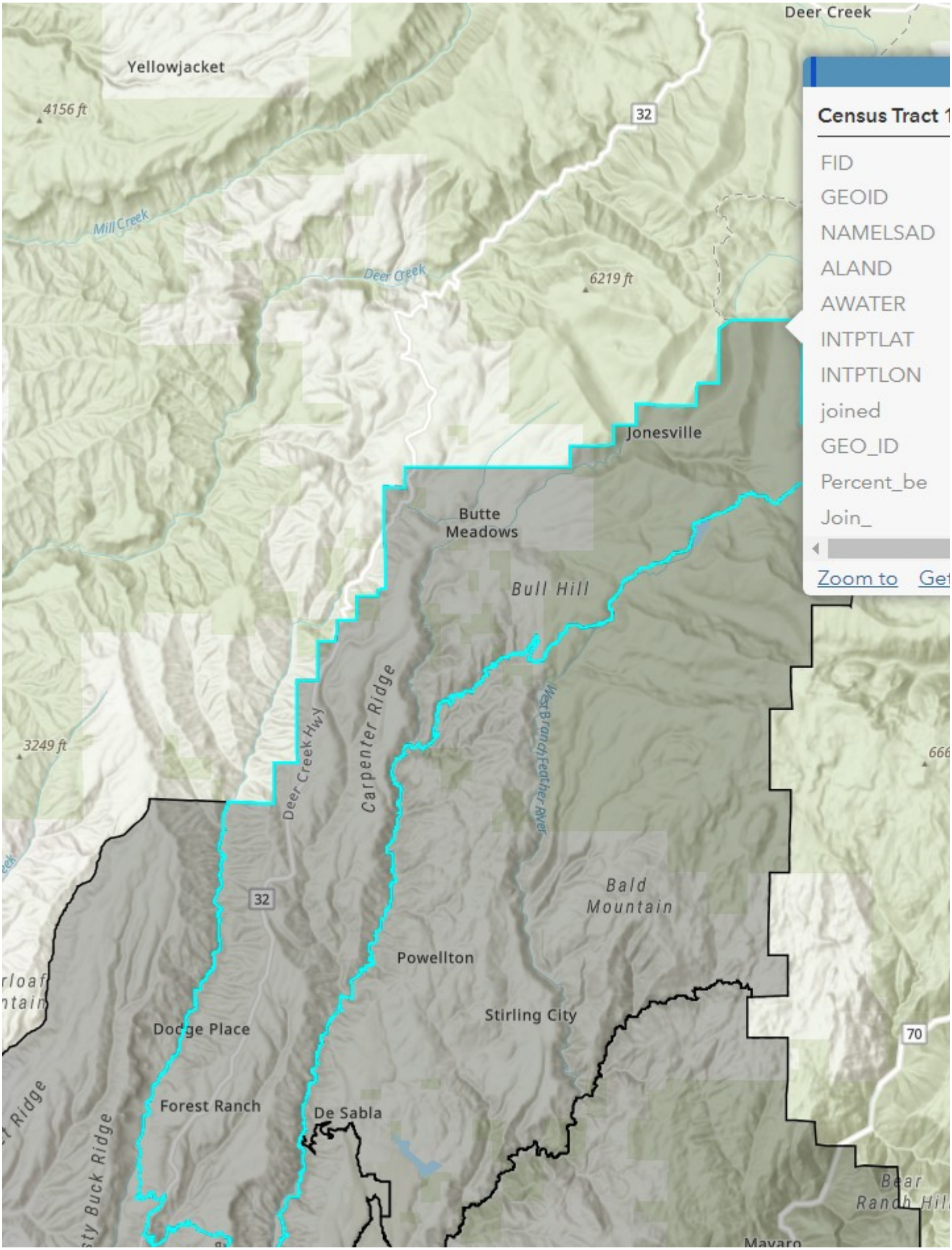
Here is the promised screenshots of the two Census Tracts first with DINS overlayed, second without DINS overlayed


Jonesville
Butte Meadows
Bull Hill
Deer Creek
Place
3249 ft
Deer Creek Hwy
Carpenter Ridge
West Branch Feather River
Pine Creek
2
32
Bald Mountain
Powellton
Sugarloaf Mountain
Stirling City
Ranch
De Sabla
Musty Buck Ridge
1
Doe Mill Ridge
Big Chico Creek
Paradise
Chico
Butte Creek
Concow

I can't remove the map legend box, which is semi annoying. First is 16.02 this is roughly a tract we could refer to as Cohasset Ridge


Roberts Place
Deer Creek
380 ft
3249 ft
Deer Creek Hwy
Carpenter Ridge
32
Pine Creek
Sugarloaf Mountain
Dodge Place
Pine Creek
Pine Creek
Forest Ranch
De Sabla
Cohasset Ridge
Musty Buck Ridge
99
Pine Creek
Pine Creek
Big Chico Creek
Butte Creek
Chico
Bidwell-Sacramento River State Park
Rotavele
99
Census Tract 16.02
FID
GEOID
NAMELSAD
ALAND
AWATER
INTPTLAT
INTPTLON
joined
GEO_ID
Percent_be
Join_
Zoom to
Get Dire

The second is 16.01 this is roughly a tract we could refer to as Forest Ranch/Butte Meadows.


Deer Creek
Yellowjacket
4156 ft
32
Census Tract 1
FID
GEOID
NAMELSAD
ALAND
AWATER
INTPTLAT
INTPTLON
joined
GEO_ID
Percent_be
Join_
Zoom to
Mill Creek
Deer Creek
6219 ft
Jonesville
Butte Meadows
Bull Hill
Deer Creek Hwy
Carpenter Ridge
West Branch Feather River
3249 ft
32
Bald Mountain
Powellton
Stirling City
Dodge Place
Forest Ranch
De Sabla
70
Bear Ranch Hill
Mayaro

The following stats are combined for the two tracts. You may want to have them separate based on the conversation we had. So I mention that now for you to process.

Adjusted for 2024, we discussed my process on that. One other note, I pull from the tables that make sense to me and seem relevant to say whatever grant we are trying to pursue in DDS, these may not be the best tables. But if the goal is to simply "paint a picture" these should be ok.:

18.86% of residents in these tracts live at or below the poverty line. Below you will find an example of my results

B17001 | Poverty Status in the Past 12 Months by Sex by Age

American Community Survey | Universe: Population for whom poverty status is determined | 2022: ACS 5-Ye...

Notes

Label	Census Tract 16.01; Butte County; Califor
	Estimate
Total:	1,910
Income in the past 12 months below poverty level:	127
Male:	24
Under 5 years	0
5 years	0
6 to 11 years	0
12 to 14 years	0
15 years	0
16 and 17 years	0
18 to 24 years	0
25 to 34 years	0
35 to 44 years	0
45 to 54 years	0
55 to 64 years	7
65 to 74 years	17
75 years and over	0
Female:	103
Under 5 years	0
5 years	0
6 to 11 years	0
12 to 14 years	0
15 years	0
16 and 17 years	0
18 to 24 years	0
25 to 34 years	58
35 to 44 years	0

Moving on to housing stats:

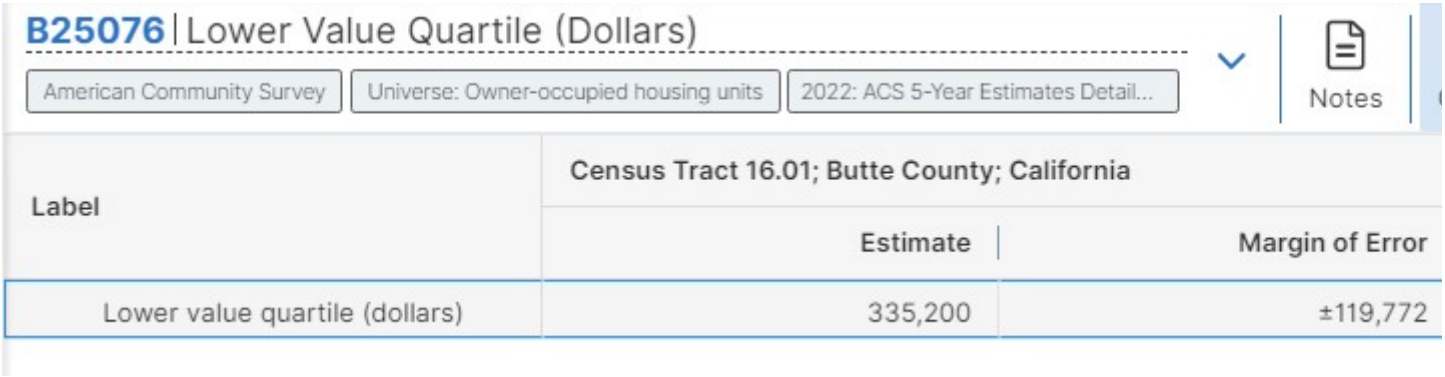
Of the homes that suffered Major, Minor or Destroyed damage status:

61.9% of Single Family Residences are in the LVQ

I determined this by using table B25076: Lower Value Quartile (Dollars) to get the LVQ, then ran a query taking all DINS APNs and using the Assessor Improved Value comparing them to the LVQ value of 374,950.

I chose 374,950 because it is the midway point between the two Tracts. After a couple of different runs of data I think the number is pretty close now, as we discussed I had to remove mobile homes/parks because they threw off the values. I also filtered out Null and 0 values because they skew the data and I don't have answers for why they don't have value in the assessor information. I don't have an answer for you on how to assess the mobile homes in this process. They are and always have been a conundrum.

I have done some limited regression testing and any way you slice these numbers you would be in the margin of error. So the percentage seems strong. Again this is across both Tracts.



B25076 | Lower Value Quartile (Dollars)

American Community Survey | Universe: Owner-occupied housing units | 2022: ACS 5-Year Estimates Detail...

Notes

Label	Census Tract 16.01; Butte County; California	
	Estimate	Margin of Error
Lower value quartile (dollars)	335,200	±119,772

Other valuable census tables that I have used in the past are:

- **B19013:** Median Household Income in the Past 12 Months (In Inflation-Adjusted Dollars)
- **B19301:** Per Capita Income in the Past 12 Months (In Inflation-Adjusted Dollars)
- **B23025:** Employment Status for the Population 16 Years and Over
- **B25070:** Gross Rent as a Percentage of Household Income in the Past 12 Months
- **B27001:** Health Insurance Coverage Status by Sex by Age

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From: Hurtado, Maria <MHurtado@buttecounty.net>
Sent: Friday, August 9, 2024 10:58
To: Miner, Patrick <PMiner@buttecounty.net>
Subject: Re: DROC Statistics

Hi Patrick.

I just called you from my cell which is 323.333.0696. Can you call me back when you have a minute?

Thanks!
Maria

Get Outlook for iOS

From: Miner, Patrick <PMiner@buttecounty.net>
Sent: Friday, August 9, 2024 9:54:25 AM
To: Hurtado, Maria <MHurtado@buttecounty.net>
Subject: Re: DROC Statistics

Can I touch base with you on this briefly? I have a thing that I do and I can explain what it is and it might be potentially useful. I can do a teams call or you can call my cell 530-617-2030

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From: Hurtado, Maria <MHurtado@buttecounty.net>
Sent: Thursday, August 8, 2024 16:58
To: Miner, Patrick <PMiner@buttecounty.net>
Subject: DROC Statistics

Hi Patrick.

I am working on a few statistics for both Shelby to take to the BOS on Tuesday and to include in my DROC sit stat report. The goal is to show that the area that burned includes populations that are extremely disadvantaged. We are gathering residents insurance information - whether they have it or not - but for now this only includes those that have been to the Local Assistance Center (LAC).

Do you have any data in Track It that we could easily pull to help with this effort? I was thinking that it might be helpful to have the median or average home price in (Chico, Cohasset, Forest Ranch, and Richardson Springs), but I'm not sure if that would be in Track It.

No problem if you cannot think of anything. I just wanted to make sure that I connected with you in case you had important data points to help our case.

Thank you for your time.

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