2023 June Area Workshop

Welcome, Introductions,

And Workshop Overview

Introductions

- We will go by supervisor group order then the NPR staff
  - Your Name
  - Town or Area of the State
  - Years (or months!) of Service

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Workshop Guidelines

- Please silence any electronic devices.
- Emergency/urgent calls – feel free to take the call, but please leave the room.
- Questions:
  - If possible, hold questions until the supervisor group breakout sessions or between presentations.
  - Unique to area – ask in the supervisor group breakout sessions
- Keep side conversations to a minimum so other participants can hear presenters & presenters can stay focused.
- See NASDA Coordinator for any hotel &/or meeting room issues.

Workshop Guidelines

- Restroom Locations
- Refreshments during breaks
- Project Code – 124
  - Workshop time & mileage
  - M&IE (Standard Rate: $59 (full day); $44.25 (first & last day of travel))
- Please have the workshop folder readily available
- Turn on iPad and connect to hotel wifi, if needed
- Open presentations in Books
  - Instructions included in the workshop booklet

Miscellaneous

- Name Badge

- Business Cards

- Enumerator Ids

- iPad
  - iOS Update 16.3.1 – Latest approved (check CAPI Dashboard for latest info)

2023 June Area Workshop

State Statistician Comments

Workshop Overview and Goals

- Overview
  - Generally Speaking
    - Lecture & Videos
    - Group Breakouts
    - Practice Exercises
- Goals
  - Highlight survey purpose and data uses
  - Review questionnaires
  - Enhance learning through engaging practice exercises
  - Group practice to learn from each other and resolve questions from lecture

Workshop Overview

- Workshop Booklet
- Agenda
  - Purpose
  - Questionnaire Review
  - Breakout Sessions and Practice Exercises
  - Breaks and Lunch
- Supplies and Assignments
- NASDA Administrative Items
- Resources on the back table

- CAPI Dashboard: NASDA

- Go to the "Northern Plains Region" area.

- Under "June Area" tap on the document you want to download to Books.

- Tap on the box with the arrow pointed up. ⬆️ Located in the upper right corner.

- Tap on "Copy to Books" to take you directly into Books.

- Once a document is downloaded to Books (icon on your home screen), it is saved on your iPad & can be accessed without a signal.

Posted to the NPR NASDA Website

- Workshop Presentations
- Workshop Evaluation

Workshop Folder

- Workshop Booklet

  - Agenda, Questionnaire Submission Process, Enumerator Procedures, Cattle Situations, Answering Farmers Questions, Exercises, and Notes

- June Area Screening Form/Jacket (Blue)

- June Area Ag Tract Questionnaire

Area Assignment Packets

- All supplies have been/will be shipped once supplies arrive in Lincoln.
- Enumerator Assignment Listing (on top).
- Assigned Questionnaires.
- <u>Comments can be found in CAPI; they will not be inserted in the questionnaire.</u>

Area Extra Supplies – Enumerators

- Area Tract Questionnaires (8) & Area Screening Forms (8)

- Crop Price Reactions Brochures (8)

- Livestock Price Reactions Brochures (8)

- UPS Ground Labels to Lincoln, NE (2)
  - 2 for aerial photo boxes

- Upon request
  - If you don't have a proper way to destroy the paper questionnaires at the end of the survey period, we will send you envelope and a UPS label.
  - Historically, not many enumerators shipped back to Lincoln to shred.

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Next on the agenda...

June Surveys Importance and Uses

June Agricultural Surveys

(June Area and June APS)

Importance and Uses

Northern Plains Region

2023 Mid-year Workshop

In this presentation…

- Discuss the size of the task in front of us. (It's big.)
- Discuss the importance agricultural statistics in general and some specifics on why the June Agricultural Surveys are particularly important.
- Give examples of who uses the results of NASS surveys and how they use them.
- Explain why each response to our surveys is important.
- Provide you with information you might use to develop your "sales pitch" and respond to questions from producers.

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Lots of work in front of us.

And not much time to get it done.

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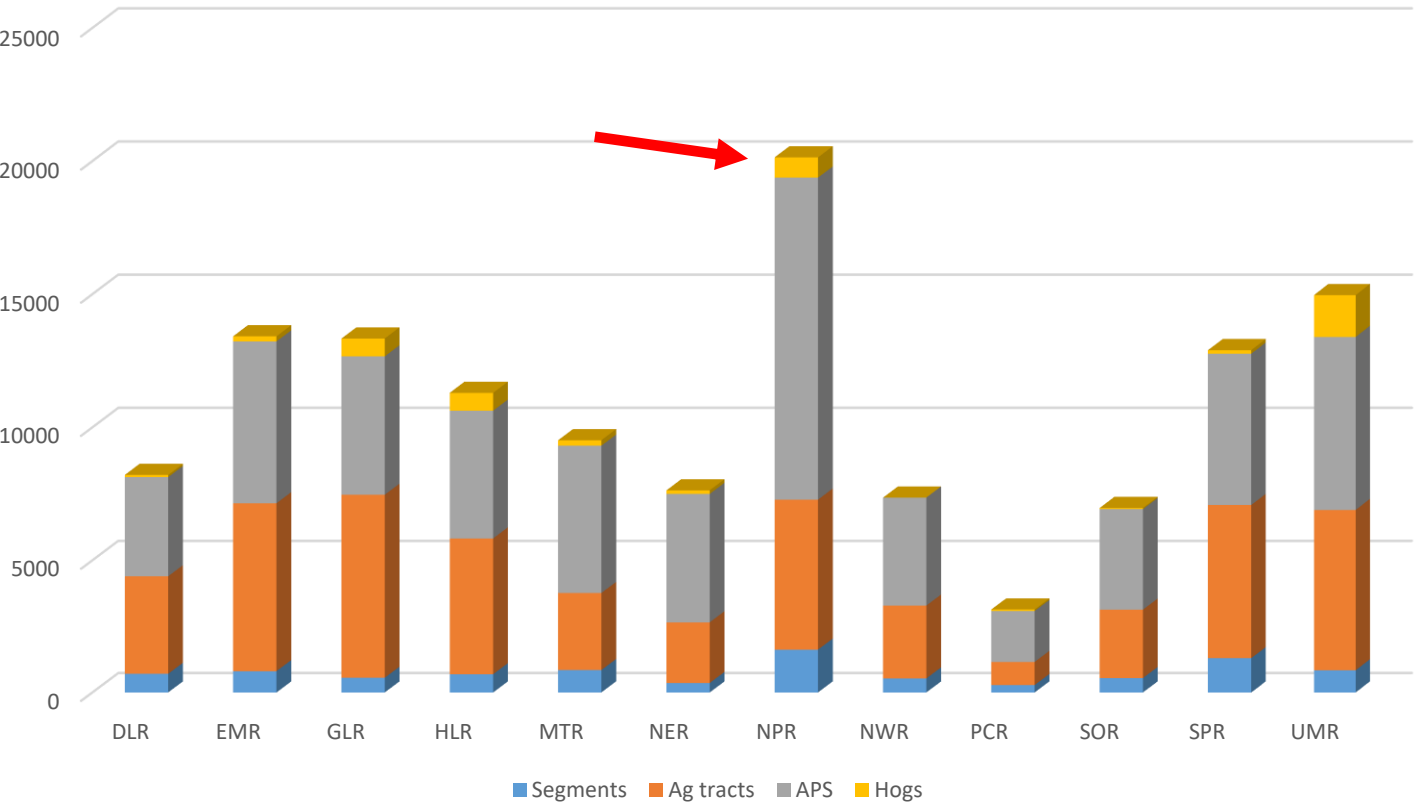# June Area Survey – How NPR Compares to Other Regions

June Area Ag tracts (2023)
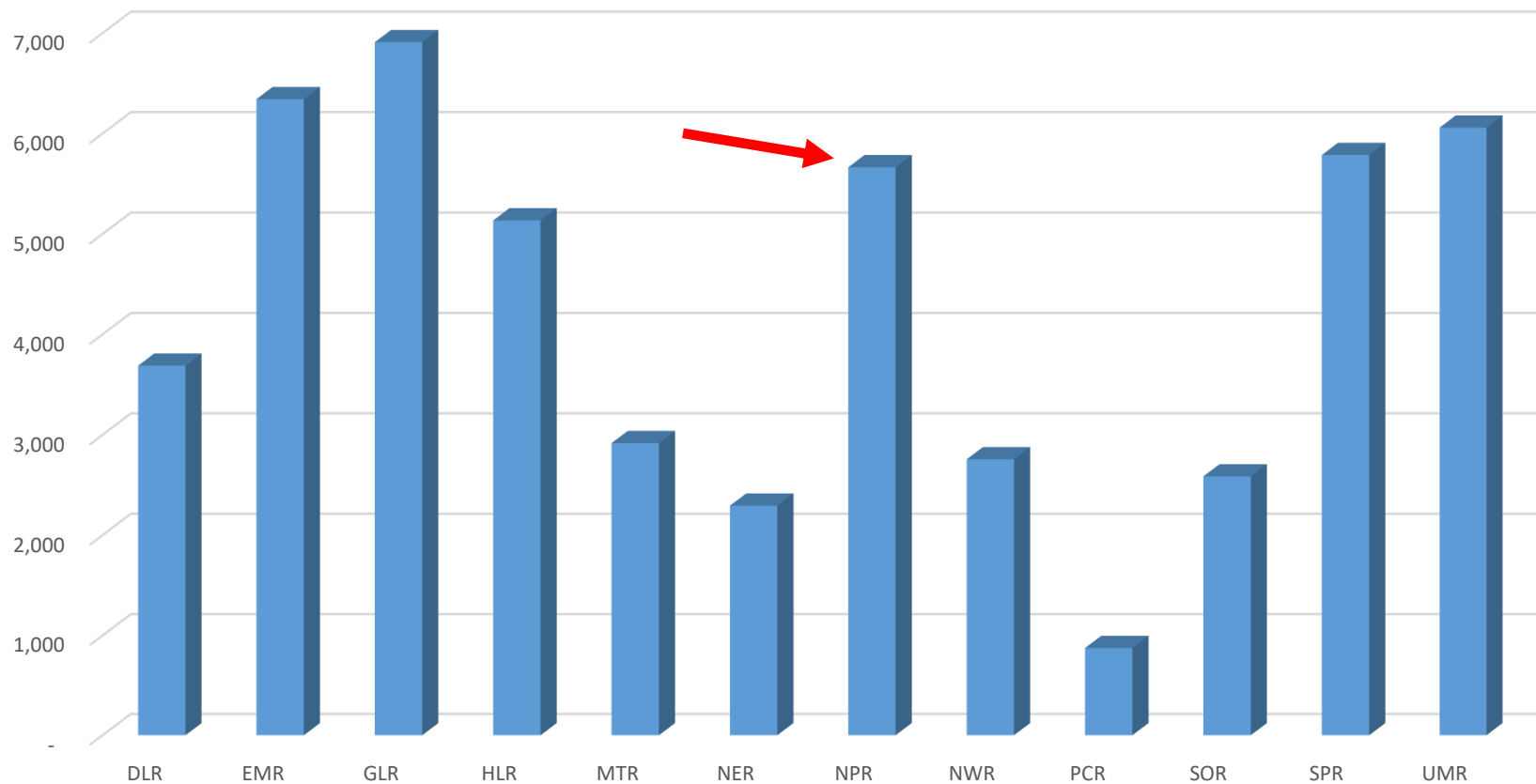
The Northern Plains Region consistently has a large June Area Survey sample size, both in terms of number of segments and number of ag. tracts.

I DON'T KNOW HOW TO PUT THIS BUT....

I'M KIND OF A BIG DEAL.

imgflip.com

United States Department of Agriculture
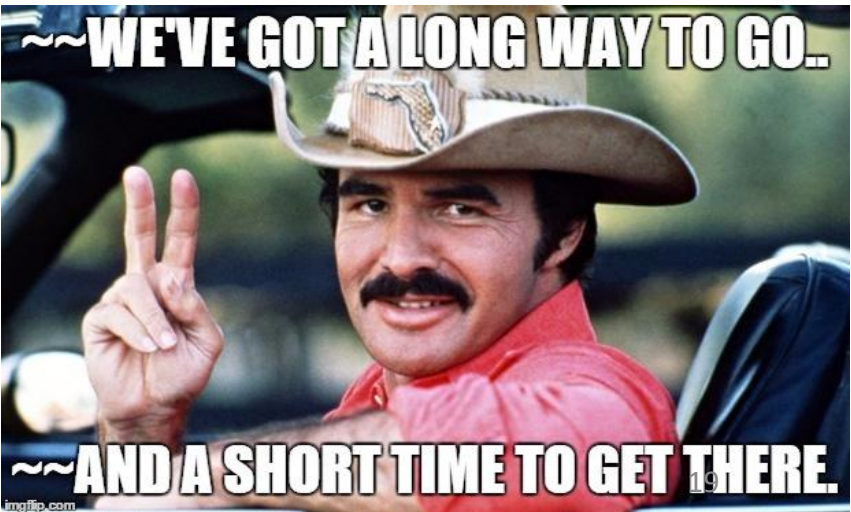National Agricultural Statistics Service

Not Just June Area – See How We Stack Up

Segments, Ag Tracts, APS and Hogs by Region (2023)

Add on the largest June APS sample, and several other surveys and we need to make nearly 20,000 contacts in a two week window!

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Importance of Agricultural Statistics

Who uses NASS data and how do they use it?

Who Uses the Data and How?

- Farmers and Ranchers
    - Provides information to make management decisions.
    - Determine the feasibility of expansion.
    - Provides a "check" on rumors, speculation, and agenda driven data.
    - Gives producers a collective voice, one with the power to influence markets and decisions.
    - Has a direct impact of the farm programs designed to help producers during tough times.
- **Helps "level the playing field."**

Leveling the playing field…

- This is an indirect benefit that farmers and ranchers rarely take into account.
- NASS provides information to everyone at the same time.

- With the seller and buyer having the same basic facts at the same time, neither has an unfair advantage.
  - Some large firms maintain their own private network for gathering information. If NASS didn't exist, only those with deep pockets would have a true picture of supply and demand, potentially putting those with fewer resources at a disadvantage.

Who uses NASS data?

- Agri-Business Supply Firms (Chemical, Feed, Fertilizer, Seed, etc…)
  - Allows these firms to target marketing and delivery of products.
  - Product development analysis…spot trends and emerging markets.

- Transportation Companies
  - Crop production forecasts alert railroads, truckers and barge companies to the need for rail cars, trucks and barges to move the crop.

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Who uses NASS data?

- Important to Buyers and Processors
  - Grain elevators use NASS data to assess timing and size of crop.
  - Determine the feasibility and location of new facilities (ethanol plants, slaughter plants).
  - The Monthly Cattle on Feed or Quarterly Grain Stocks reports can help exporters determine where the supply is located.

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Who uses NASS data?

- Important to Local, State, and Federal Lawmakers
  - To make well-informed long-range plans
  - Assess the impact of legislation on farmers
  - Determine if emergency assistance is necessary
- Important to Other USDA Agencies (FSA, RMA, ERS)
  - Used to administer programs that support farms and ranches
  - Used measure efficiency of farm programs

Who uses NASS data?

- Important to Producer Organizations and Land Grant Universities (research and extension services)
  - Provide impact analysis on proposed farm policy and program changes.
  - Provide essential data for research activities.
  - Helps producer organizations determine membership coverage and/or how to allocate resources.

Who Uses the Data and How?

- NASS
  - Each year, data collected in June serves as the base for which many other surveys will be sampled throughout the rest of the growing season.

  - If we don't get it right in June, it'll come back to haunt us later!

Why Should I Respond?

Why WOULDN'T you respond!

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Yeah, well what do *they* know?

- Have you ever heard the following (or some variation of):
  - "They" don't have any idea what's really happening out here.
  - "They" should come out here and see it for themselves.
  - "They" don't know anything.
  - "They should get outside of (Bismarck, Pierre, Lincoln, Topeka, Washington D.C., etc.) and see what life is like in the real world.

YOU DON'T KNOW ME

Like 'em or not....

...NASS surveys are a critical tool in communicating with the policy makers, the heavy hitters in the industry, and people with the power to affect farmers and ranchers lives and bottom lines.

How will "they" know if you don't tell them?

Educate "them!"

- Surveys are how "they" learn; how farmers and ranchers can tell "them" what's really going on.
- If you don't tell "them," somebody else will, and you may not agree what they have to say.
- **Decisions will be made, with or without your input.**
- If you don't participate, you'd better not complain about the results!

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Direct and Indirect Benefits

- Farm organizations use the data to evaluate and propose policies and programs that help the agricultural producer.

FARM BILL
SECURING OUR FUTURE

- Farm service providers can anticipate needs and be more responsive to new and limited resource producers.
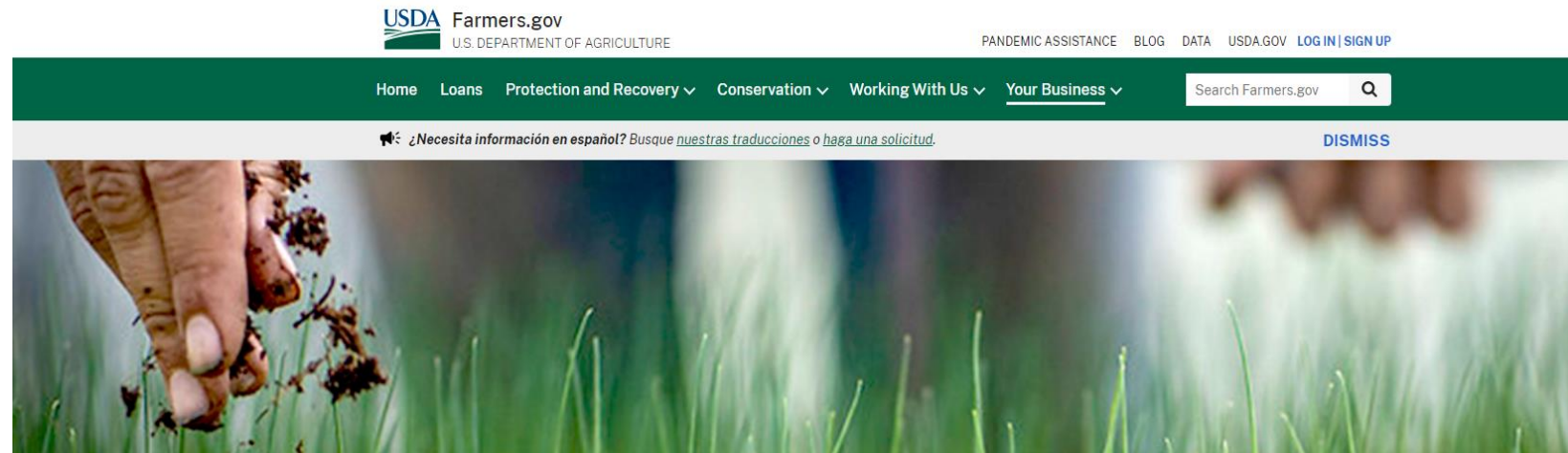
How to Start a Farm: Beginning Farmers and Ranchers

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Support and Promotion

- State departments of agriculture use data to better serve farmers and ranchers during drought and emergency outbreaks of diseases or infestation of pests.

- Producer Groups and Ag. Education Organizations can better represent the industry by having factual information to promote outreach programs
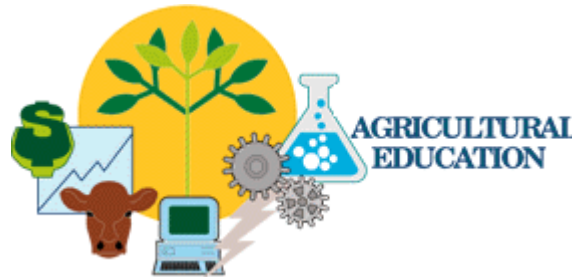
Why is my report so important?

- It is important that farms and ranches of all shapes and sizes are represented.
    - Results need to represent the diverse nature of the industry.
    - Farm policy decisions should be made with the understanding that all farms are not alike.
- Each respondent is not only representing themselves but many other producers.
    - Lets say a state has around 40,000 farms.
    - Lets also say that that state's June sample is around 2,500.
    - On average, each respondent is speaking not only for themselves, but 16 other operations as well
    - Survey non-response expands that influence even more.

Why June Surveys are Particularly Important

- Nationally, producers reported back in March that they were planning on planting more corn and wheat and the same amount of soybeans.

Corn			Soybeans			All Wheat		
Area	million acres	Change from 2022	Area	million acres	Change from 2022	Area	million acres	Change from 2022
US	**92.0**	**+4%**	**US**	**87.5**	**--**	**US**	**49.9**	**+9%**
ND	3.75	+27%	ND	6.55	+15%	ND	6.31	+2%
SD	5.9	+3%	SD	5.3	+4%	SD	1.66	+6%
NE	9.5	-1%	NE	5.75	--	NE	1.15	+17%
KS	5.6	+2%	KS	4.6	-9%	KS	8.1	+11%

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Spring arrived late in many areas. What did they actually plant? Did their plans change?

KEEP
CALM
WE HAVE A
CHANGE
OF PLANS

Many different factors, including weather, prices, and availability of seed could result in significant changes from March intentions.

We need data from June Area and APS to find out what actually went in the ground.

Review and Challenge

- Discussed the size of the task in front of us. (It's big.)

- Discussed the importance agricultural statistics in general and some specifics on why the June Agricultural Surveys are particularly important.

- Gave examples of who uses the results of NASS surveys and how they use them.

- Explain why each response to our surveys is important.

- **Challenge: Use the information provided in the presentation (and others) to develop your "sales pitch." Write it down. Practice it. Practice it out loud with your supervisor, fellow enumerators, or anyone willing to help you out. Ask them for feedback, refine it, and practice it some more.**

Thank you for your continued dedication to this important process!

We couldn't do it without you.

Questions?

June Area Survey

Northern Plains RFO

Prescreening Revisited

- You (NPR Enumerators) screened about 1800 tracts for Area

- Outstanding work!

- Mail file was directly pulled from your work

- If we were unable to screen a tract, it was mailed again now

Operator Mail File

- All Ag tracts will be mailed a presurvey letter, the parcel map and a county copy map (shows where in the county the segment is located)

- Non-ags were NOT mailed, enumerators will still need to verify non-ag tracts

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE
NATIONAL OPERATIONS CENTER
9700 PAGE AVENUE SUITE 400
ST LOUIS MO 63132-1547

OFFICIAL BUSINESS
Penalty for Private Use $300

ADDRESS SERVICE REQUESTED

USDA AGRICULTURE COUNTS

AGRICULTURE COUNTS

MAPS ENCLOSED: DO NOT DISCARD

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Lincoln, OK

101201

N

Segment center
35' 42' 0" N
96' 43' 29" W

Geospatial Science and Survey Section, Washington, D.C.

Raster map data - copyright
SureMAPS RASTERHTI 1995 Vector Graphics
streets and streetnames - copyright 2008
TeleAtlas NA
All rights reserved.

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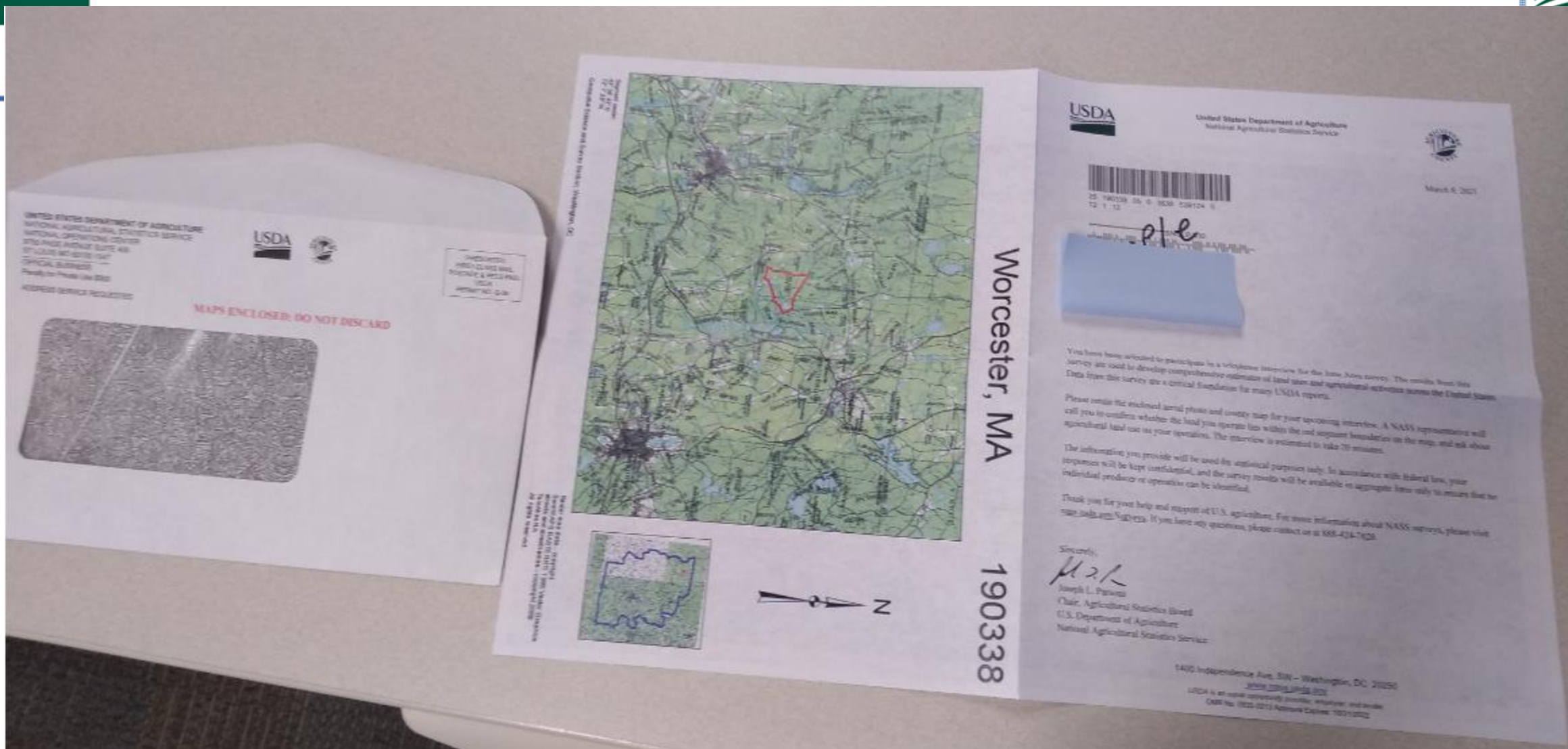
Questionnaire Changes

- Dropped additional names and addresses associated with operation
  - Only done in a Census year

- Dropped point sheet for all operations
  - Only need point sheet for sales <$1000

- Added Section O – Technology Use
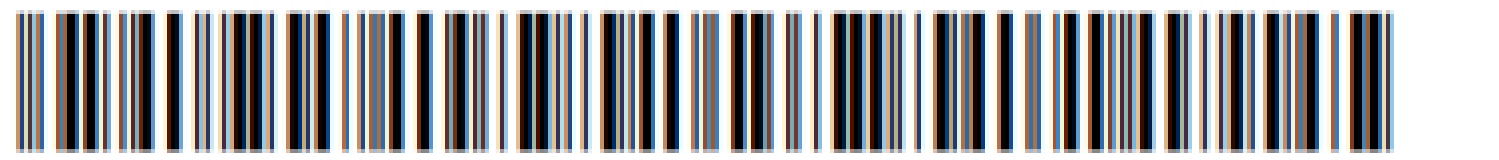 - Asked in odd numbered years

Tier 2 vs Tier 3 Data Collection

- Tier 2: Previously did NOT report crops or stocks (<200 in the NPR)
  - Can start on May 20 (Mail Date is May 12)

- Tier 3: DID report crops and/or stocks (~5500 in the NPR)
  - Can start on May 30 (Mail Date is May 19)

- No matter what, EVERYTHING MUST BE SUBMITTED IN CAPI by June 11 at 10:59 pm CDT

Tier 2 vs Tier 3 Data Collection

- Label will have the Tier on it

- Most will be Tier 3

01 000150001 01 00 002761 0000504484 0
SEQ001-00001

01 1301 150001 01 00   TRACT A TIER 3
STR 70   90 60 01100147950 ACRE 179
                                         OPDOM 00   20 071
                          (   )   01321 01309
                                         LID 01 770740330

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Due Dates

- Begin Ag Survey/Area   May 30

- All June Ag Yield in CAPI   June 5

- All Area Segments in CAPI   June 11

- All Aerial photos shipped to Lincoln   June 12

- All June Crops APS in CAPI   June 14

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Objective Yield

- The COY and SOY samples will be sampled from Area

- Irrigation questions are doubly important for this reason

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Shipping Aerial Photos to Lincoln

- If you have 2 aerial photo boxes, feel free to ship photos in both on a flow basis.

- We realize that you need the photo until you have pretty much completed the segment

- All Area photos need to be shipped to Lincoln by June 12

Office Hours

- Returning from last year, optional

- June 1 @ 9:00 am and 7:00 pm CDT

- Informal, please come with questions

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In-person Interviews

- Early drive by the segment, then phone all ops, then a late drive by
  - 2 Trips to each Segment
  - 1st drive-by: Interview APS matches
  - 2nd drive-by: Interview APS matches, new operators, and segments with no responses
  - Shooting for ~40% PI

- NEED TO BE BUDGET CONSCIOUS
  - PI's end when we've spent 75% of the budget
  - Data collection ends when we've spend 90%

Drive By Observation

- You should do one drive early during data collection to familiarize yourself with the area and any local landmarks

- For refusals/inaccessibles, please drive by later in the survey period to observe the tract for crops as best you can

- DO NOT TURN IN ANY AG TRACTS WITH BLANK SECTION Ds

- Enter all germane notes into CAPI: (Looked like corn on the NW ¼; Has cattle; Unable to observe from road, but it was beans last year; Etc)

Phoning Best Practices

- Call different times during the day, different days of the week, weekends vs. during the week

- Maintain a positive attitude, don't let refusals/inaccessibles get you down!

- Use your discretion on when to "call" it quits: call a few times without leaving a message, call a few times and leave messages, etc.

- At some point, we have to "call" it a refusal

Additional Resources

- [June Area CAPI Videos](#)
  - CAPI training videos are available for later reference
  - NASDA website, under SURVEYS, filter by June Area
  - 2023 Area Enumerator Training Videos

- Other experienced enumerators/supervisors

- NASDA coordinators

- Area program managers: Darin Twete and Justin Cech

Questions?

June Area Survey Workshop

Maps and Photos

Key Terms

- Map: symbolic representation plotted to scale

- Photo: image captured by camera

- Segment: sampled land area with identifiable boundaries

- Tract: land inside segment under one operating arrangement

- Field: continuous area of land devoted to one crop or land use

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State/County Maps

- Find the Segment

- Locate nearby highways, roads, and other landmarks

- Coordinate with other segments

- Plan most efficient route

Aerial Photos

- Determine Segment and Tract boundaries
- Record Tract operator's residence
- Estimate acreages
- Photos are used for 5-6 years
- Drawing Lines
  - Use a straight-edge whenever possible
- Care
  - Store in box provided
  - Protect from dirt and weather
  - Use pens and alcohol wipes provided, DO NOT USE PERMANENT MARKERS!!!

Plan Your Work

- Get familiar with maps

- Location of Segments

- Plan efficient routes

- Have a plan "B"

- IM Chapter 4

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Plan Your Work

- Find someone that lives in the Segment

- From first Tract operator get info on the rest

- Work through the Segment
  - Finding each Tract operator

- Check your work
  - Complete summary on back of screening form

Things to Note

- Do not write names or addresses on photos
  - Confidentiality

- Letter and number carefully
  - Label all Tracts
  - Don't draw over existing lines
  - Don't draw a Tract boundary on top of permanent Segment boundary

- Don't use photos for notes
  - Post-it notes

Segment

Tracts
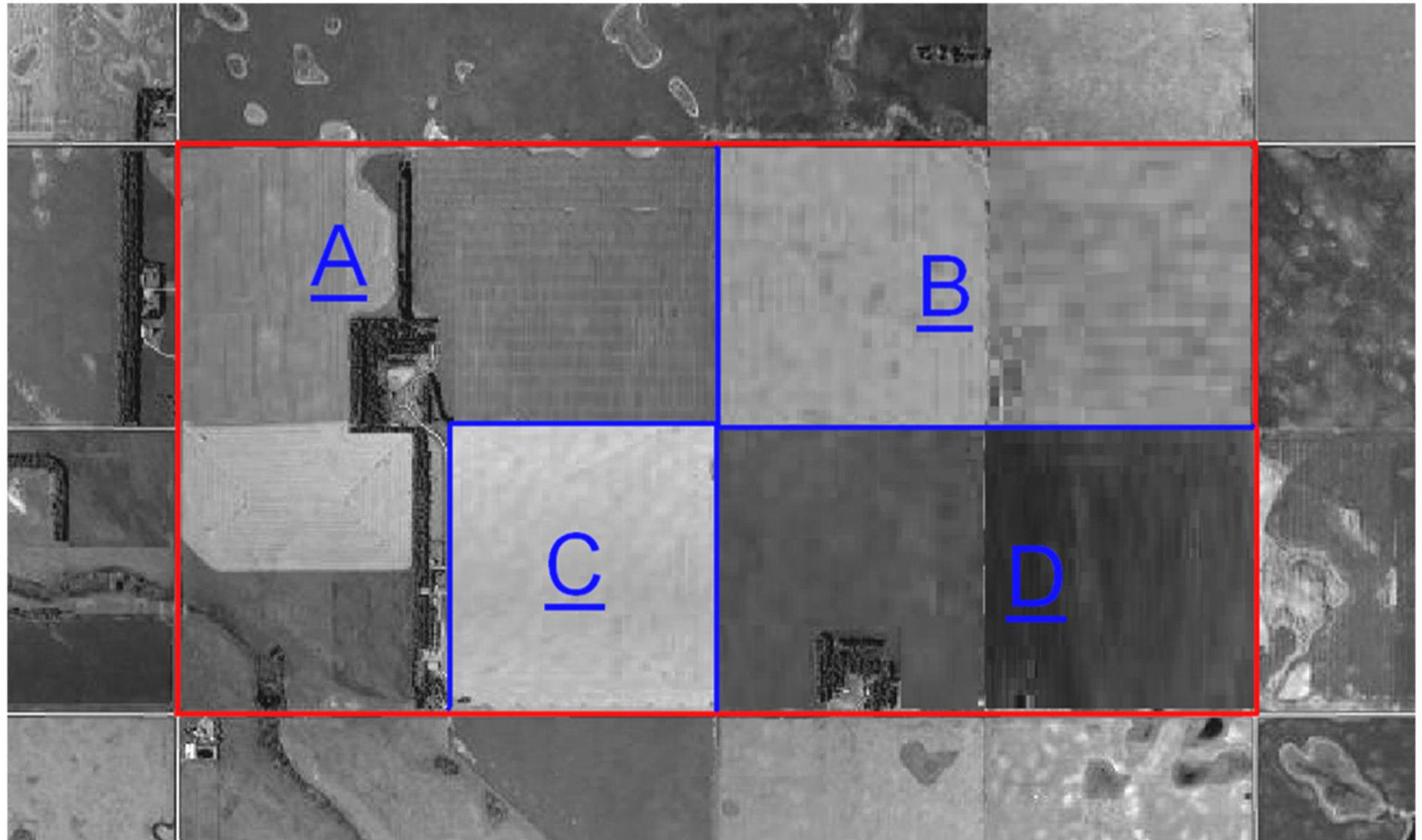
Tracts & Tract Letters

- **Blue** lines and CAPITAL letters
  - Underline tract letters (N, Z, M, W, I, and H)
- Assign a separate tract letter for each operator.
  - If operation has two or more separate parcels in a segment, draw off each parcel separately, but assign the same tract letter.

John Jones A	Bill Riggs B	John Jones A
Susan Hall C		

Assigning Tract Letters

- A separate line and tract letter must be used for each land arrangement (individual, partnership, or managed), even if the same person is the operator.

| John Jones (Individual Operation) A | John & Al Jones John Jones (Partnership) B | Able Farms Ron Fast (Managed Operation) |
| Ron Fast (Individual Operation) D | | C |

Assigning Tract Letters

New Segments
- Use letters assigned by HQ after prescreening

Old Segments
- Use the same tract letter if the tract operator did not change

Old Segments

- If there is a new Tract operator, assign them the next unused letter

Assigning Tract Letters

- Each residence with obvious ag. potential should be assigned a separate Tract letter.

- Adjacent residences each 1/2 ac or less without visible agricultural activity can be drawn off and assigned one Tract letter.

- Non-ag, nonresidential tracts can be grouped together, drawn off and assigned one tract letter (no potential)

Summary Questions

Operators with more than one operation or operating arrangement can just use the same tract letter.

False

True/False. Adjacent residences with less than ½ acre and no ag activity can be combined and assigned one tract letter.

True

And Remember

- Do not write names, addresses, crops, etc. onto aerial photo
- **Blue** = **Tract** Lines and Letters
- Fields no longer drawn off so red pen not required
- Review
  - Segment Numbers
  - Tract Letters
- Only include land inside segment boundary

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Screening

- Purpose: To organize and account for all tracts of land in the segment and to screen for an area tract questionnaire

- To determine name and address of tract operators for both ag and non-ag tract operators

- Determine if area tract questionnaire is needed

- Check to assure all land in the segment is accounted for

What kind of Tract?

- **Ag Tract**

  - Currently has, has had, or will have any type of agricultural activity during 2023

- **Non-Ag Tract**

  - Does not or will not have potential for agricultural activity during the year

- **PIGA Tract (Western States)**

  - Public, Industrial, or Grazing Association

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Ag Tract

- It is an Ag Tract if the operation:

  - Produces or raises an agricultural commodity

  - Stores crops

  - Sells agricultural products

  - Received government payments

  - Meets another criteria of a farm

    Anywhere on the total acres operated

Ag Tract

- Any operating arrangement with land in the segment boundary that has the potential to qualify as a farm under the NASS farm definition

- Presence or absence of agricultural activity is based on the total acres operated as of June 1, 2023

Non-Ag Tract

- Areas of land with no agricultural activity

- Includes:

    - Residential

    - Commercial

    - Woods

    - Waste
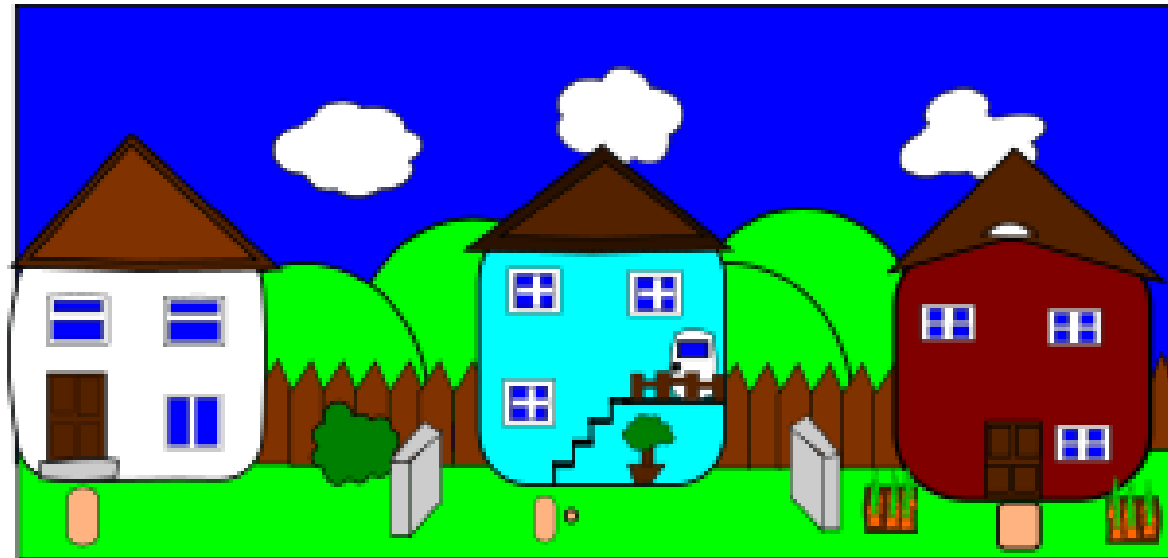
Non-Ag Tract

- Record complete Name and Address

- Ag Potential needs to be coded correctly

- Verify all Non-Ag tracts with the operator or other resources

- DO NOT assume by observation (unless absolutely necessary)

- A tract can appear (or be) Non-Ag but may be part of an operation; either inside or outside the segment

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½ Acre Screening Rule

- Designed to handle urban and residential acres

- If visible signs of agricultural activity are present or if unsure, screening should occur regardless of the size of the area

- Make sure the tracts drawn off when using the ½ acre rule are really an ½ acre

- ½ acre is roughly ½ of a football field

PIGA Land

- PIGA land used on a fee-per-head or AUM basis

- Public: Forest Service, BLM, State, County, City, Etc.

- Industrial: Railroad, Mining, Electric Cooperatives, Highway Departments

- Grazing Associations: Qualify based on the type of land included in the association

Things to Note

- Importance of naming correct person in segment

  - Person's name for operations, corporations, etc.

- Special Situations

  - Operators having more than one operation with land inside the segment

  - Corporations, family-owned businesses, or other operating arrangements

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Common problem areas

- Scenario 1 – Individual operation: Talk to/interview wife
  - Wife is not on our List Frame or classified for surveys

- Scenario 2 – Partnership: Talk to/interview partner
  - Partner may or may not be on our List Frame or classified for surveys

- Scenario 3 – LLC or Corporation: Complete interview but no operator name obtained
  - Extremely difficult to overlap to operators on our List Frame or classify for surveys

Scenario 1 – Individual Operations

- Wife gets interviewed, their name gets placed on tract questionnaire/in CAPI

- To ensure overlapping get husband's name and add them as a partner

- During overlap process in office, no name is found
  - Address, phone, etc. may match someone on the List Frame
  - Overlap process requires match to targeted *operator* (i.e. name)

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Scenario 2 – Partnerships

- Partner, not intended target gets interviewed, only their name gets placed on tract questionnaire/in CAPI

- During overlap process in office
  - Name may (or may not) be found but no connection to targeted operator is established

- Importance of identifying all partners involved in the operation
  - Provides best chance of proper overlapping

Scenario 3 – LLCs, Corporations, Etc.

- Someone gets interviewed, but no name is entered as the operator and only the operation name gets placed on tract questionnaire/in CAPI

- During overlap process in office
  - Usually extremely difficult to identify a person based solely off operation name from LLC, Corporation, etc.
  - Frames Maintenance Group in St. Louis cannot overlap to List Frame without a person's name

Results/Consequences of Incorrect Overlapping

- For RFO
  - Large expansion assigned to completed report
    - Indications can "blow up" or be over-inflated
    - Survey results can get biased, making estimation more difficult

- For Enumerator and Respondent
  - Increased burden
    - If wrong person was selected from prescreening – may have to complete additional sections in tract questionnaire
    - Respondent could get selected for multiple follow on surveys if RFO cannot properly overlap
    - Could get sampled from both frames (List and Area) because we couldn't overlap

Area Screening Form

- Pre-printed tract letters, names, addresses, phone numbers, and tract acreages from last year

    - Verify or Record complete names and addresses

    - Complete name and address information ensures thorough but not duplicate coverage during the follow-on surveys

- Unacceptable examples:

    - Residence, House, Unknown Operator, Swamp, Woods, Mr. Jones, Non-Ag

Area Screening Form

- Exceptions to the rule:

  - Large residential area; no agricultural activity

  - Woods

    - All or most of the segment with multiple owners; no agricultural activity

  - Other Descriptive Characteristics

    - Inaccessible or Unknown Operator

Area Screening Form

- Complete an area tract questionnaire for <u>every</u> Ag Tract

- Columns 8 – 16 refer to TOTAL ACRES OPERATED

- If columns 8 – 16 are all checked "NO", this is a Non-Ag Tract and columns 18, 20, and 20a need to be completed.

- An area ag questionnaire needs to be completed for all tracts without acreage recorded in column 18 or 21 of the screening form.

- Each complete line needs to have a tract letter in column 5 and on the aerial photo.

Area Screening Form

- Verify that tract letters are not duplicated. (Check off tract letters in the right hand column on page 3.)

- New Tract Operators should be assigned the next unused tract letter – Do Not Reuse an existing letter

- Every tract (Ag and Non-Ag) should have a complete and legible name and mailing address.

- Columns 20 & 20a need to have a code in the box for all Non-Ag Tracts. Utilized for follow-on survey sampling.

Area Screening Form Reinforcement

- Ask the screening questions

  - Columns 7 – 16 in Western States (Versions A and C)

  - Version A in ND and SD; Version C in KS and NE

- Columns 8 – 16

  - Used to determine agricultural activity

  - Answer of "YES" or "DK" = Go to area tract questionnaires

  - When in doubt, select "DK"

Area Screening Form Reinforcement

- Columns 18 – 20a

  - Non-Ag Tracts

  - Column 18: Record acres to the nearest tenth & land use (roads, houses, etc)

  - Column 20: Potential for agriculture?

    - "Yes" or "DK" – Must be able to contact operator for follow-on surveys

      - Can we contact a "ditch" and ask how many tons of hay did it produce?

  - Column 20a: Description

    - Evaluate types of Non-Ag tracts; Codes located in IM on pages 526-527

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Area Screening Form

- Back Page

  - Ensures everything is complete and all land is accounted for

  - Item 1 = Item 2 = (Items 3 + 4 + 5) = Item 6

  - Account for all segment acres by calculating the RA/DA

    - RA = Reported Acres; DA = Digitized Acres (satellite imagery prior to enumeration)

    - RA/DA needs to be within $\pm$ 10% (90% - 110 %)

      - Must be fixed or documented if outside the allowable range.

New Housing and Urban Development

D

Soybeans

Corn

A

C

Winter Wheat

Oats

B

USDA

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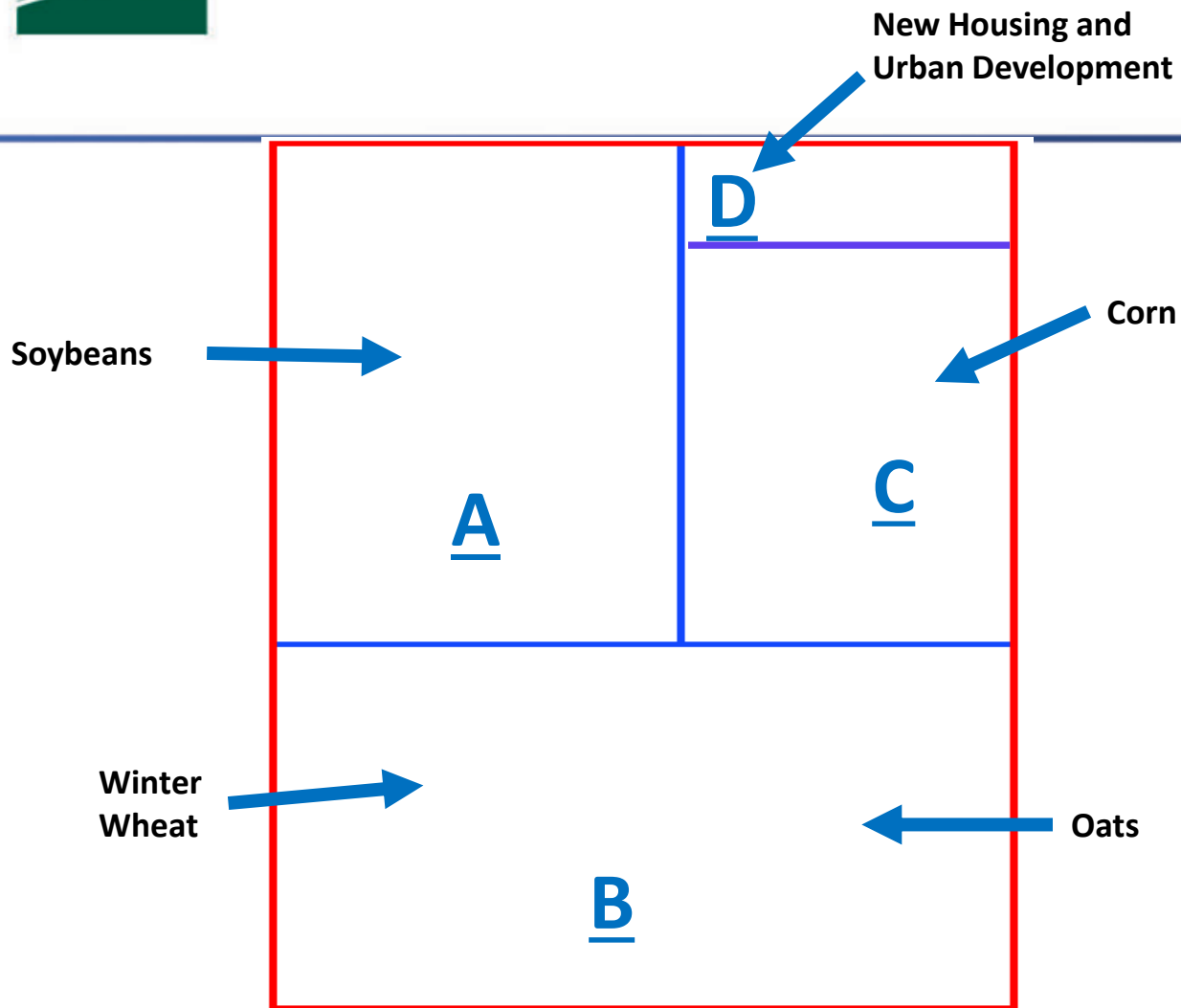
[Complete this check list when enumeration of segment is completed.]

1. Total tract letters listed in **Column 5, page 2** (sum of all screeners) **4**

2. Number of **tract letters** listed **on photo** or map. **4**
   [Item 1 must equal item 2.]

3. Number of **Area Version** questionnaires completed **3**

4. Number of tracts with acreage listed **in Column 18, page 3** .... + **1**

5. Number of tracts with acreage listed **in Column 21, page 3** .... +

6. Total of items 3 + 4 + 5 .... = 5326 **4**
   [Item 6 must equal items 1 and 2.]

Worksheet

Ag Tract Acres	Non-Ag Tract Acres	PIGA Tract Acres
A=198 B=286 C=120	D=28	

[comment on any enumerating problems caused by segment boundaries, split fields, aerial photo coverage, etc.]

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

OFFICE USE		
Activity	Date	Initials
Received		
Clerical Edit		
OL/NOL Check		
1st Manual Edit		
2nd Manual Edit		
Keyed		
Verified		
Interactive Edit		
Submitted for processing		
ELMA updates completed		

ENUMERATOR: Tom Jones

DATE: **6/1/2019**

Reported Acres (RA)	OFFICE USE Digitized Acres	RA / DA
632	640	98.8

Area Screening Form

Reported Acres (RA)	OFFICE USE Digitized Acres	RA / DA
600	**640**	93.8

RA = 600   ac   RA/DA = 93.8

DA = 640

(Office provides DA)

Any Problems?

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Area Screening Form

Reported Acres (RA)	OFFICE USE Digitized Acres	RA / DA
720	**640**	112.5

Any Problems?

Perfect World

- All operators are easily identified.

- All Non-Ag tracts correctly recorded.

- All respondents are contacted.

- All Ag tracts are completed by the respondent.

- Everything is legible and done "by the book".
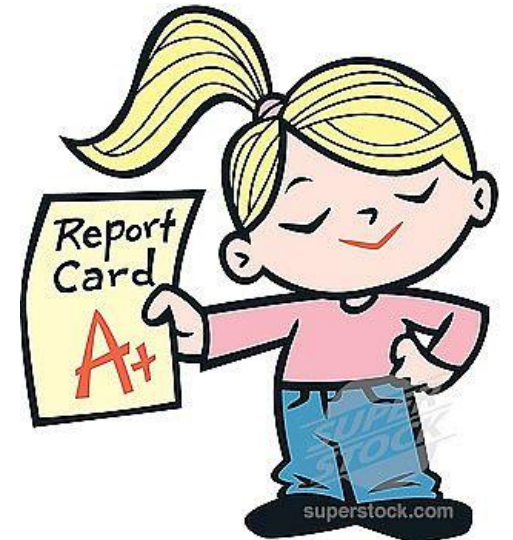
Real World

- All operators are not always available.

- Errors happen

- Refusals and inaccessibles will occur.

- Estimation and observations are necessary.

- Special and unique situations will arise.

- Good judgement and common sense must be used.

Questions or Comments?

Life of Data After CAPI Submission

Northern Plains RFO

After Data is Entered into CAPI – Step 1

- Data goes to the Frames Maintenance Group in St Louis

  - For June Area Tracts

    - Perform an overlap check to the list frame

    - Records added to the Area Frame for new tracts

    - Updates made to name and address as needed

  - For other list surveys

    - Name and address updates flow to St Louis for updating

    - At end of the survey, enumerators comments are reviewed to determine if comment updates are needed on the frame

After Data is Entered into CAPI – Step 2

- Data is pulled into an editing program to check for abnormalities and "cleaned"

  - Checks for miskeys and outright incorrect data

    - More harvested acres than planted

    - Very high or low yields or expenses

    - Twice as many calves as cows, very low pigs per litter, etc.

- Comments are VERY IMPORTANT!

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ID Fields	Stratum	Capture Source (9904)	Status	SEC	FMG Status	CritOvrF(
20 300010320 1 1	92	CAPI (6)	Dirty	0	FMG_Clean	
20 302200450 1 1	92	CAPI (6)	Dirty	0		
20 801734800 1 1	98	CAPI (6)	Dirty	0	FMG_Clean	
20 867003790 1 1	92	CAPI (6)	Dirty	0	FMG_Clean	
38 300635950 1 1	80	Blaise Direct (3)	Suspect	0		

Editing

- Depending on survey, majority of records go thru without human intervention
  - More complicated surveys = Higher chance of human editing

- Assuming 30 secs per record and 50% of records need editing:
  - Crops APS will take ~52 hours of editing

- An individual Arms 3 records can take 60 min or more of editing

Interactive Data Review

- Outliers are analyzed using graphs to compare similar records
  - Is a yield high/low, but other records in the same area reporting the same data?

Curr Resp Code	Prev Resp Code	Exp Fact	Curr Brdng Herd	Prev Brdng Herd	C/P	Curr Mrkt Hogs	Prev Mrkt Hogs	Curr All Hogs Pigs	Prev All Hogs Pigs	C/P	Exp All Hogs Pigs
1	1	1.0	0		0.00	16,000		16,000			16,000
1	1	1.0	1,000	0	.	7,762		8,762			8,762
1	1	1.0	1,005		0.40	7,400		8,405			8,405
1	1	1.0	0		0.00	600		600			600
1	1	1.0	11		0.01	50		61			61

Interactive Data Review

- Outliers are analyzed using graphs to compare similar records
  - Is a yield high/low, but other records in the same area reporting the same data?

For Example: Looked at these lower yields – were non-irrigated or other comments indicating low yield
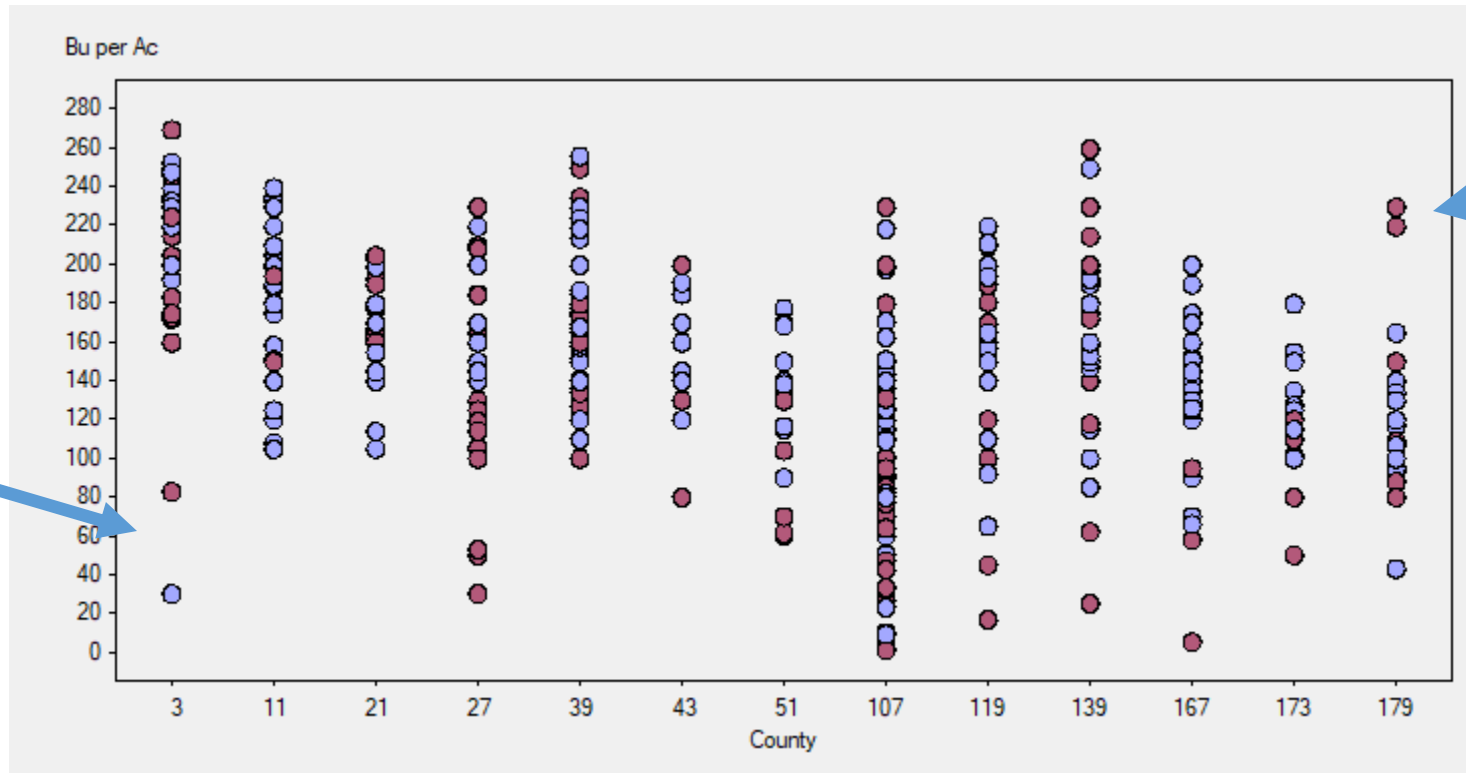
Looked at these higher yields – irrigated, good comments

Summary Day

- All records are summed together to give state-level (and national) indications

  - Non-response expansions are used to account for records where we didn't get a response

  - Sampling weights are used to account for records that aren't in the sample

Estimates Day

- A regional statistician reviews charts and graphs of indications and how they are related to trends then recommends a state or county level estimates

- Stat enters any germane comments into estimate tool describing why they did what they did

- Group Leader reviews estimates

- Deputy reviews estimates and submits to HQ

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85.0	280.0	23,800.0	581.0	25.0	14,525.0	666.0	57.5	38,325.0
90.0	280.0	25,200.0	734.0	25.0	18,350.0	824.0	52.9	43,550.0
92.0	280.0	25,760.0	738.0	25.0	18,450.0	830.0	53.3	44,210.0
121.0	280.0	33,880.0	845.0	25.0	21,125.0	966.0	56.9	55,005.0
145.0	280.0	40,600.0	1,105.0	25.0	27,625.0	1,250.0	54.6	68,225.0

National Board Estimates

- HQ commodity stat pulls in state recommendations and reviews how closely states add up to national level estimates

- HQ stat can update estimates to better sum to the total

- Board convenes shortly before release to set national/state estimates

  - Confidentiality is crucial

  - Everyone involved must sign confidentiality releases with heavy penalties

Release Day

- Public is welcome to attend lockup
  - Must surrender all electronic devices before entry
  - Secure room
  - Metal detectors and armed guards

- Publication is released to everyone at the same exact time

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Acreage

ISSN: 1949-1522

Released June 30, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Special Note

Estimates of the portion of the United States total planted acreage that was left to be planted when the survey was conducted are published on page 6. These estimates are based on data provided by respondents who were contacted between May 28 and June 16. Nationally, corn left to be planted was 4.03 million acres. Soybeans left to be planted for the United States was 15.8 million acres.

In July, NASS will collect updated information on 2022 acres planted to barley, canola, corn, dry edible beans, oats, sorghum, soybeans, sunflowers, and Durum & other spring wheat in 3 States. Excessive rainfall had

Data Storage

- Record level data is then allowed a late edit period
  - Mostly for data received after cutoff dates

- Repulled into database

- Stored in database warehouse to allow historical comparisons in following periods

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Questions?

NASDA Administrative Items

CAPI
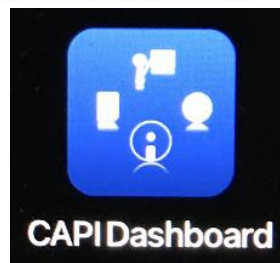
CAPI Troubleshooting

Please try these general troubleshooting steps before contacting your CAPI (Point of Contact) POC:

1. Clear Preferences on the CAPI log in screen.

2. Clear History and Website Data under the Settings/SAFARI

3. Perform a hard reboot (hold the power and home button simultaneously until a white apple shows on the screen)

CAPI URLS

CAPI PRODUCTION: https://www.agcounts.usda.gov/static/capi/index.html

CAPI TRAINING: https://capitraining.nass.usda.gov/static/capi/index.html

CAPI Assignment Listing

CAPI Assignment Listing

Welcome SMITH, TRAVIS!

- ## 3 Gears icon
  - This option is to switch the group by view and to toggle columns visibility

Group By

X Close

Group By:

Survey

POID

June Area

Toggle Columns

X Close

Column Visibility:

- 👁 State
- 👁 County
- 👁 Tract
- Sub
- 👁 OP DOM
- Seq. Num
- DCMS
- 👁 Name

CAPI Assignment Listing

- Tap on icon in the INF column to see:
  - Operator Information
  - Attempt Contact
    - The 3 indicator equals the number of entries

CAPI Assignment Listing

	INF	CMT	MAP	DEL	ST	CTY	POID	Tra	Stratum	Segment Id	Acres	Ag/Non Ag	Name
☐	3838												

- Tap on icon in the CMT column to see:
  - Enumerator Notes
  - ELMO Comments
    - ELMO is a system used to maintain operation information

Comments   Close

Enumerator Notes:
Realtime notes from the office

Elmo Comments:
Seg 190145 Tract 1 and Seg 100219 Tract 3

Close

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GENERAL SURVEY INFORMATION

Switching Segments Between Enumerators

- We need to keep all tracts and the segment level record for a unique segment assigned to the same enumerator.
  - If we don't, the summary on the segment level (gray banner for segment) producing the RA/DA will not work.
  - Special situations will need to be handled on paper and coordinated between enumerators with the assigned enumerator entering the data in CAPI.
- If wholesale segment level changes are needed.
  - Changes should be coordinated through the supervisor(s).
  - Any "list based" survey matches need to be reassigned in CAPI, too.
  - Supervisor will make the assignment change in CAPI.
  - Please notify the NASDA Coordinator when changes are being made.

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List Assignment

- These will be separate from the Area assignment mailings.

- Once enumerator assignments are set, then the NASDA Coordinator will prepare the materials.

  - These include: Crops APS, Hogs, Ag Yield, Cattle on Feed (COF), Cash Rents, Potato Stocks, ARMS 1, July Cattle, July Milk Production.

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Coordinated Surveys

- AREA segments
  - Detailed assignment listing of the returning Ag Tracts will be provided with notations of possible matches with a list survey.
  - The list survey detailed assignment listing will have the segment noted if we found that list record matching a tract in a segment.
  - List surveys matching 'new' segments will be noted with the segment on the list survey detailed assignment listings.
  - If an Area operator is no longer in the segment, we still need to complete the overlapped surveys.

Coordinated Surveys

- LIST surveys assignments
  - July cattle and/or Milk contacts that coordinate with June Area or List
    - Blank paper questionnaires will be shipped to you to record the data until CAPI is open to enter the July surveys
    - <u>Record the data for these coordinated July surveys on paper and</u> **June 6** -- <u>these records will show up on the iPad</u> – <u>enter the data then on the iPad</u>
    - If also a Cattle on Feed match you contact each month, wait until July to collect and complete the cattle so we collect data for July 1 on those records
  - List surveys in the June/July surveys that are found to be matches with the old and new area segment tracts will be assigned to you on your iPad

Quality Control

- Supervisors will review at least the first two Ag Tracts per enumerator.

- Telephone contact at least one randomly selected respondent from a completed June APS or Hog questionnaire.

- Additional checks can be made at the supervisor's discretion.

NASDA Liability Waiver

- Liability Waiver
  - A signed Driving Liability Waiver must be completed if anyone is driving OR riding in the vehicle when an enumerator is on duty.
  - Confidentiality Form (NAS-004) must be completed, too.
  - Contact me if you have someone drive or ride with you while you are working.
  - Renewed annually.

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Expense Reimbursement

- Submit in iSolved

- Receipts are needed for reimbursable expenses.

- Write on the receipt:
    - Name and Enumerator Id
    - Project Code (recorded in iSolved)
    - Description of Expense

- Receipts need to be sent to your NASDA Coordinator by either option:
    - Email/text an image of the receipt
    - Mail in receipt

- Send in a timely manner
    - For example: expenses April 23 – May 6, make sure the receipts are in the office by May 8.

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CALENDAR

Northern Plains Region

Contact Information

Phone Number
402-437-5541

Address
Federal Building Suite 263
Lincoln, NE 68508

Includes the states of Kansas, Nebraska, North Dakota and South Dakota

News & Events	
Enumerator Calendar	UPS Home Pickup Instructions
Agriculture Stress Handouts	NPR Directory

https://www.nasda.org/organizations/northern-plains-region

NASDA Calendar

- Updated as we receive due dates from HQ

- NPR NASDA website calendar contains data collections dates pertaining to the NPR surveys and trainings.

- Follow directions from your NASDA Coordinator.

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Looking Ahead...

- June Area Office Hours (Optional)
  - June 1
  - Offered at 9:00 am and 7:00 pm (CT) for 1 hour

- Corn and Soybean Objective Yield
  - TBD

- 2023 Quarterly Zoom Meetings
  - May 25, August 24, and November 16
  - Offered at 9:00 am and 7:00 pm (CT)

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Friendly Reminders

- Develop a "Plan of Attack".

- Start as soon as data collection timeline allows.

- Communicate with your supervisor.

- Review work
  - Section D must be completed (observe and make notes if non-response) for all Ag Tracts.

- Submit promptly to meet due dates.

- Enter time in iSolved (timesheets) regularly.

- Stay Safe.

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Questions

- Call Your Supervisor

- Call Other Enumerators

- Call Your NASDA Coordinator

- Call The Regional Office

Next on the agenda…

Supervisor Group Breakout