



# **Federal Mobile Computing Summit**

## **Field Work in a**

# **Mobile First Environment**

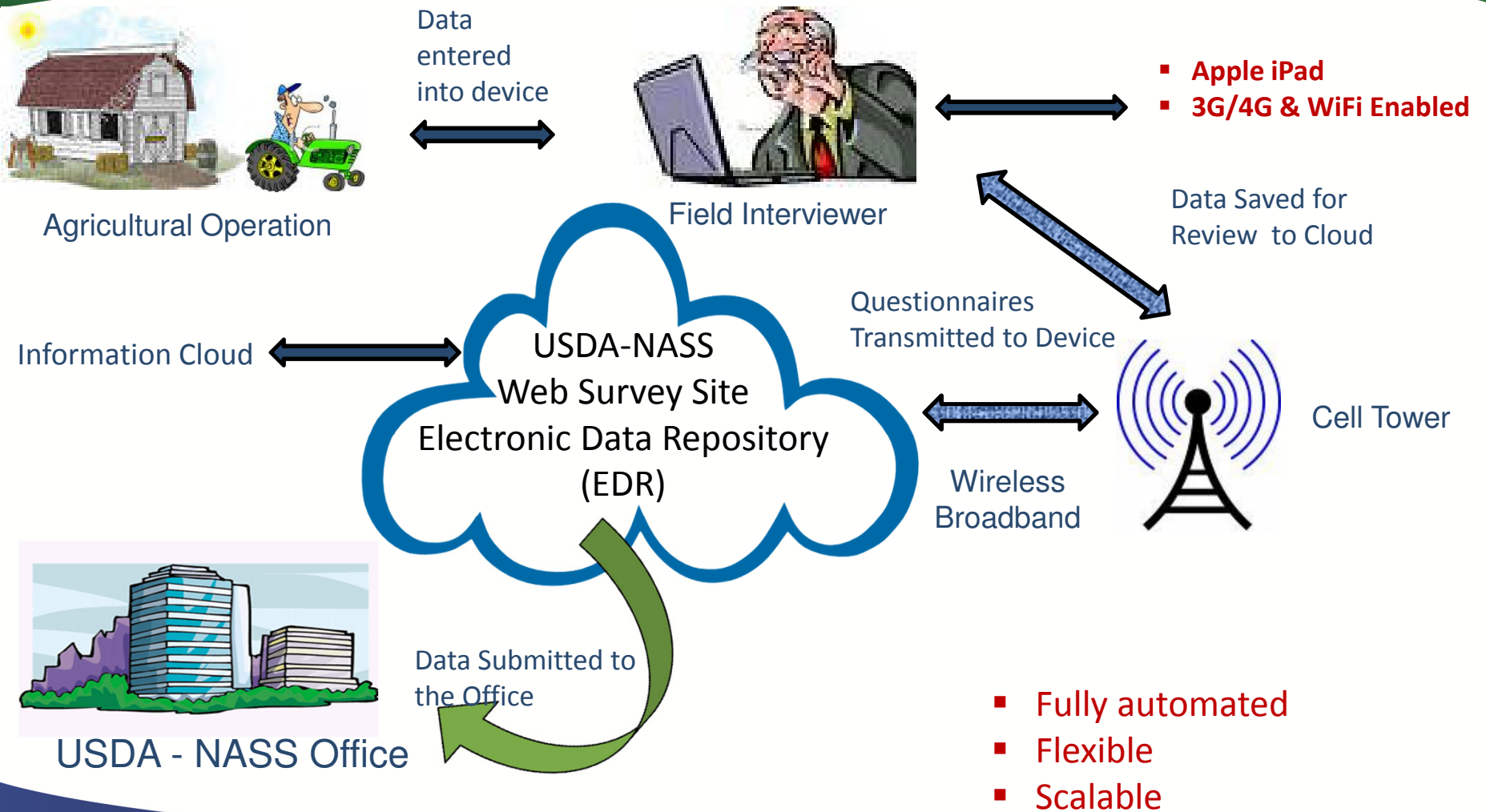
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# Mobile CAPI Solution Computer Assisted Personal Interview





# Maintain Consistent export between paper and digital Formats

**SECTION 1 ACREAGE IN 2012**

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of this form. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land, pastureland, rangeland, woodland, idle land, farmsteads, etc.

1. Number of acres owned ..... 0043  None **BOX A**

2. Number of acres RENTED or LEASED FROM OTHERS ..... 0044  **BOX B**

*INCLUDE*  
 • land worked by you on shares  
 • land used rent free in exchange for services, payment of taxes, etc.  
 • Federal, State, and railroad land leased on a per acre basis  
 • land rented or leased by you for cash

*EXCLUDE*  
 • land used on a per-head or animal unit month (AUM) basis.

3. Number of acres RENTED or LEASED TO OTHERS ..... 0045  **BOX C**

*INCLUDE LAND*  
 • worked on shares by others  
 • subleased  
 • rented or leased to others for cash  
 • used rent free in exchange for services, payment of taxes, etc.

*EXCLUDE acres enrolled in:*  
 • Conservation Reserve Program (CRP)  
 • Wetlands Reserve Program (WRP)  
 • Farmable Wetlands Program (FWP)  
 • Conservation Reserve Enhancement Program (CREP)  
 • or acres rented or leased to others part of the year

a. How many acres rented or leased to others (Box C above) did this operation own? ..... 0053  None **Number of Acres**

4. Enter the figures from the boxes above to determine your total acres operated:

<b>BOX A</b>	+	<b>BOX B</b>	-	<b>BOX C</b>	=	<b>BOX D</b>

0046

5. Did this operation pay to use any land on a fee per-head or animal unit month (AUM) basis?

Yes - How many acres? ..... 0041  Don't Know **Number of Acres** **DO NOT** include these acres in the boxes above. If you did, **GO BACK** and **EXCLUDE** them from the boxes above and recalculate BOX D.

No - Continue

6. Does the figure in **Box D** = 0?

Yes - Refer to the instruction sheet to complete this form  No - Continue

7. Location of agricultural activity for this operation.

a. In what county was the largest value of your agricultural products raised or produced?

0055	Principal County Name	0060	State	0056	Number of Acres

b. If you also had agricultural activity in any **other** county, enter the county name(s), etc.

3026	Other County Name(s)	3031	State	0057	Number of Acres
3027		3032		0058	
3028		3033		0059	
3029		3034		0042	

USDA United States Department of Agriculture  
**NASS Mobile Data Collection**

**Acreage in 2017**

Number of Acres Owned

Number of Acres Rented or Leased from Others  
*What to include or exclude <More>*

Number of Acres Rented or Leased from Others  
*What to include or exclude <More>*

How Many Acres rented or leased to others did this operation own?

Total Acres Operated

Did this operation pay to use any land on a fee per-head or animal unit month (AUM) basis?

How Many Acres?

**Location of Agricultural Activity for this Operation**

In what county was the largest value of your agricultural products raised or produced?

County	State	Acres



# NASS Goals

- Address USDA initiative to continue to streamline business processes for efficiency
- Continue USDA initiative for innovation and mobile technology
- Address SET recommendation to improve Web surveys
- Address Advisory Council recommendations to improve usability of Web Surveys
- Address NASS initiative to create dynamic Census Web tool
- Address SET and SPC recommendations to improve CAPI usability for enumerators and FO staff
- Build upon current system and maintain all functionality while optimizing with current technological advancements



## Project Goals

1. Enhance the user experience for Survey Creators
2. Improve the experience for enumerators
3. Maintain Consistency with existing Systems





# Project Deliverables

- Web Based Application
  - Mobility (non device specific)
- Service / Process Oriented Structure
  - Maintain processes as separate routines to streamline maintenance, updates and enhancements for the future
  - Flexibility to create experts for various parts of the questionnaire
  - Design, Edits and Quality Control
- Usability
  - Dynamic, interactive forms
  - Improve navigation
  - Integrate help guides into forms
- Standardize at the Source
  - Include current functionality for templates
  - Best practices for paper, desktop and web design
  - Provides quality control

USDA

Example:

# Survey Navigation



- **Current Method:**
  - uses a web convention that's not intuitive (breaks up the questions 1, 2, 3, etc)
- **Recommendation:**
  - Adopt a table of contents model using a side menu, and section headers
  - Use icons to show progress and alerts

