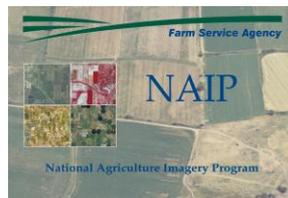


USDA Contracting Activities Report

USDA Planning & Coordination Meeting

Salt Lake City, Utah
December 8, 2009

W. Geoffrey Gabbott, Contracting Officer
USDA FSA Aerial Photography Field Office



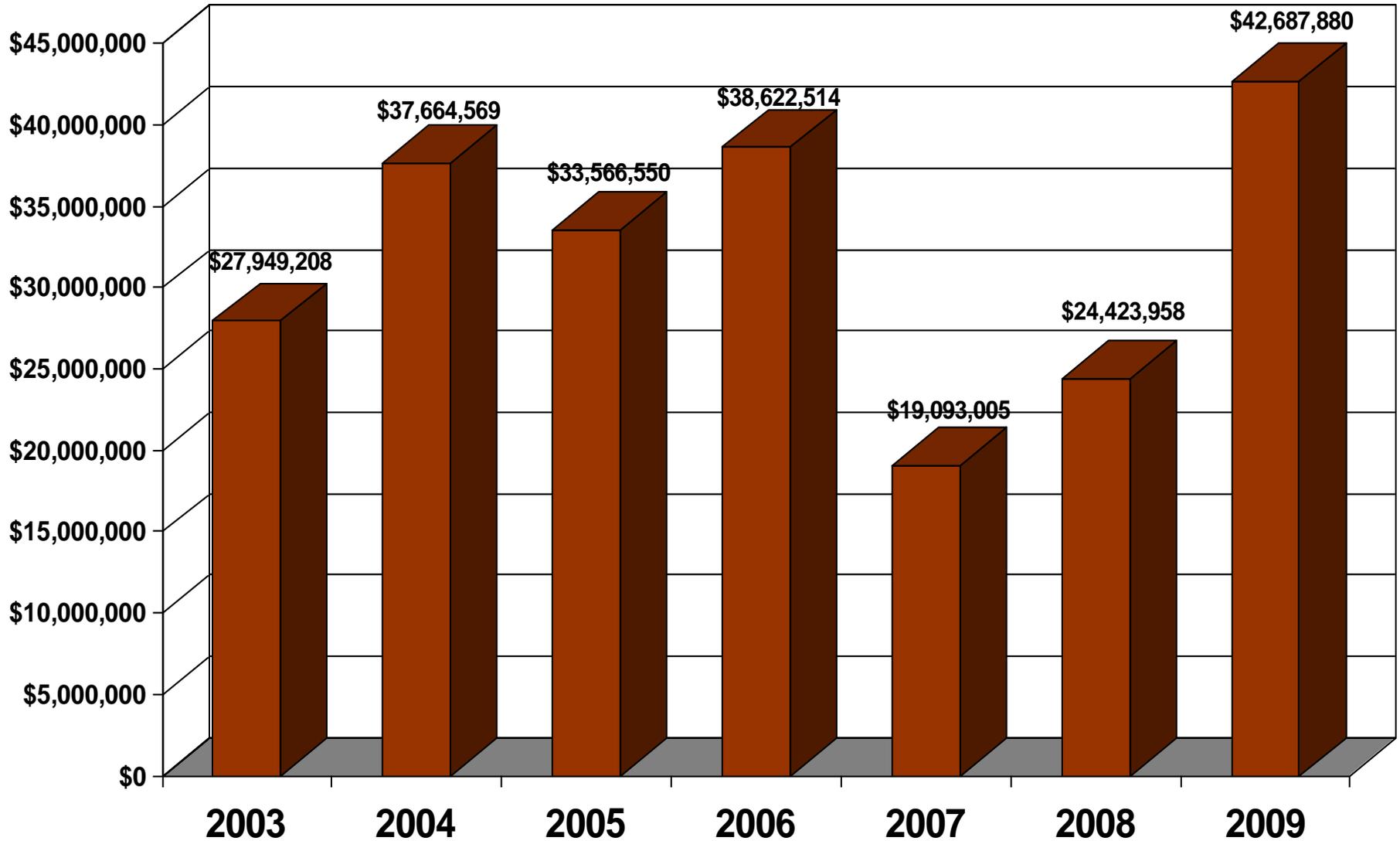
Fiscal Year 2009

USDA Contracting Activities Report

Presentation Topics:

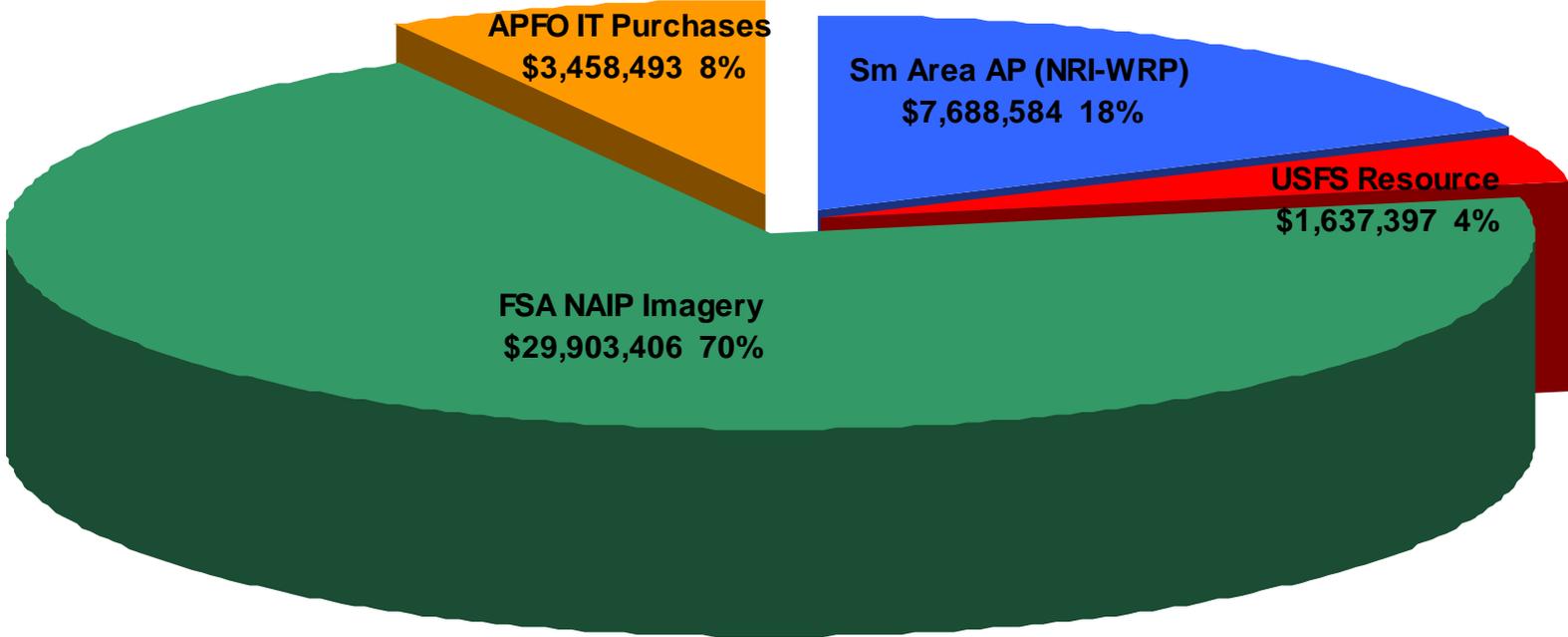
- USDA Contracts Overview
- NAIP Contracts
- SAC Contracts (NRI/WRP)
- Resource Contracts
- APFO IT Purchases

History of APFO Contract Award Totals



Fiscal Year 2009 Contracts

Total Amount Awarded: \$42,687,880



■ Sm Area AP (NRI-WRP)

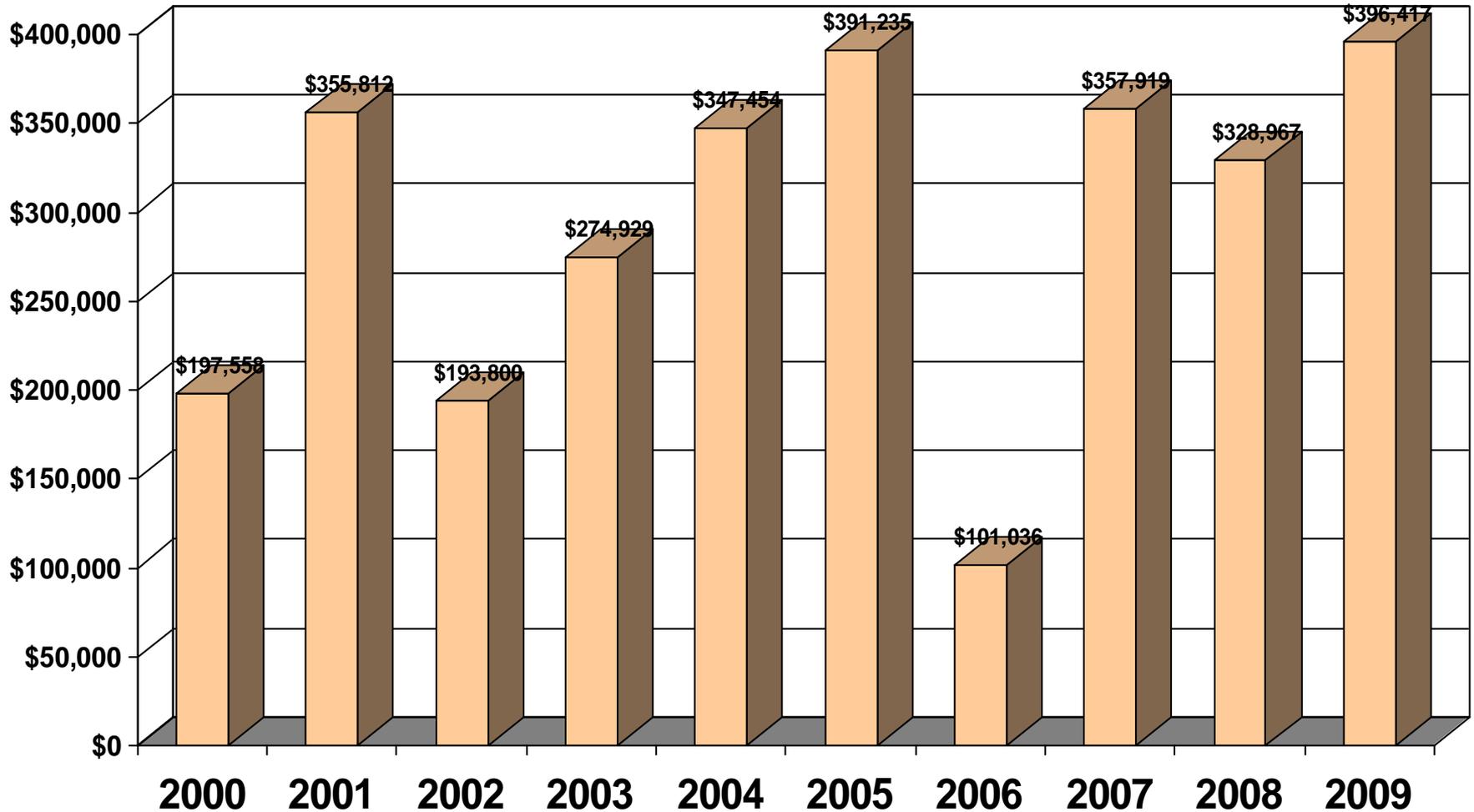
■ USFS Resource

■ FSA NAIP Imagery

■ APFO IT Purchases

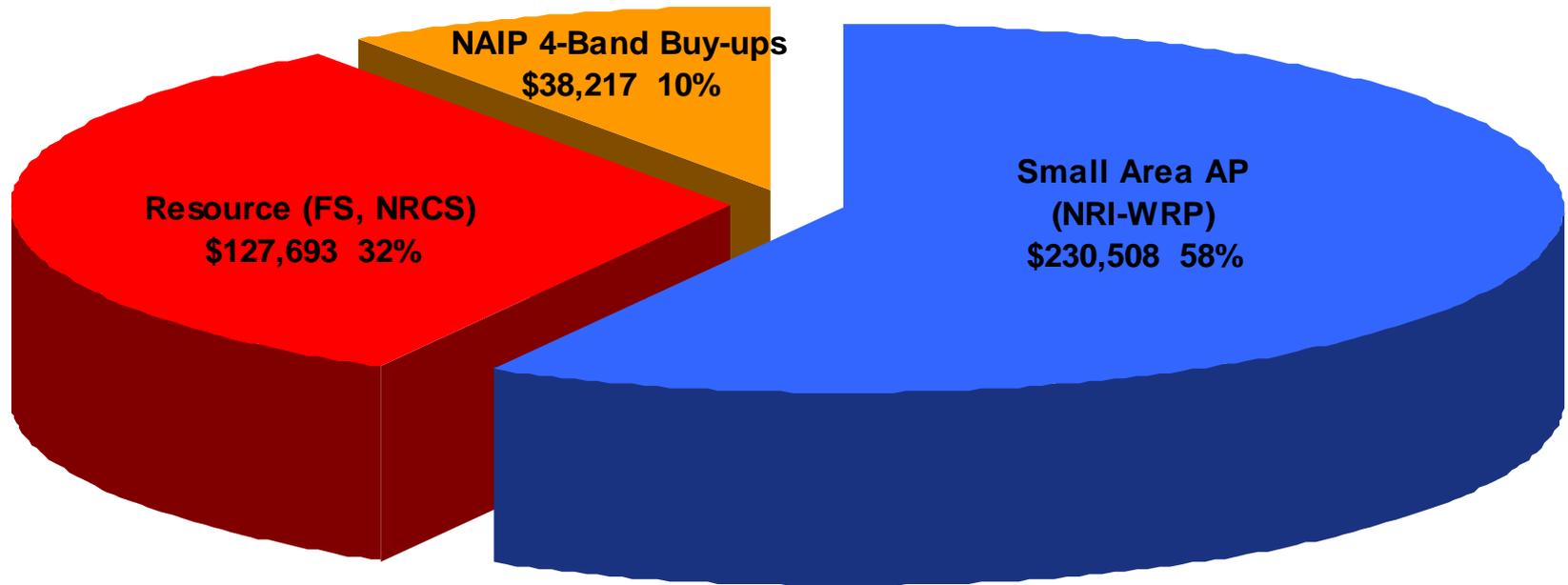
APFO Administrative Charges

10 Year History – Total Administration Charges



APFO Administrative Charges

FY 2009 TOTAL ADMIN. FEES: \$396,417.29



■ Small Area AP (NRI-WRP)

■ Resource (FS, NRCS)

■ NAIP 4-Band Buy-ups

NAIP

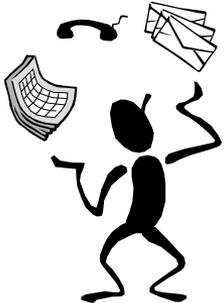
National Agriculture Imagery Program

Accomplishments:

- Largest single civilian mapping program in U.S. history
- Complete 1 meter CONUS coverage (most \leq 2 years)
- Effective cost-share partnerships (27% of total costs)

Challenges:

- Inconsistent funding (makes planning difficult)
- Establishing a predictable refresh cycle (inconsistent funding)
- Providing a fixed, stable program for partners (states) to plan their budgets



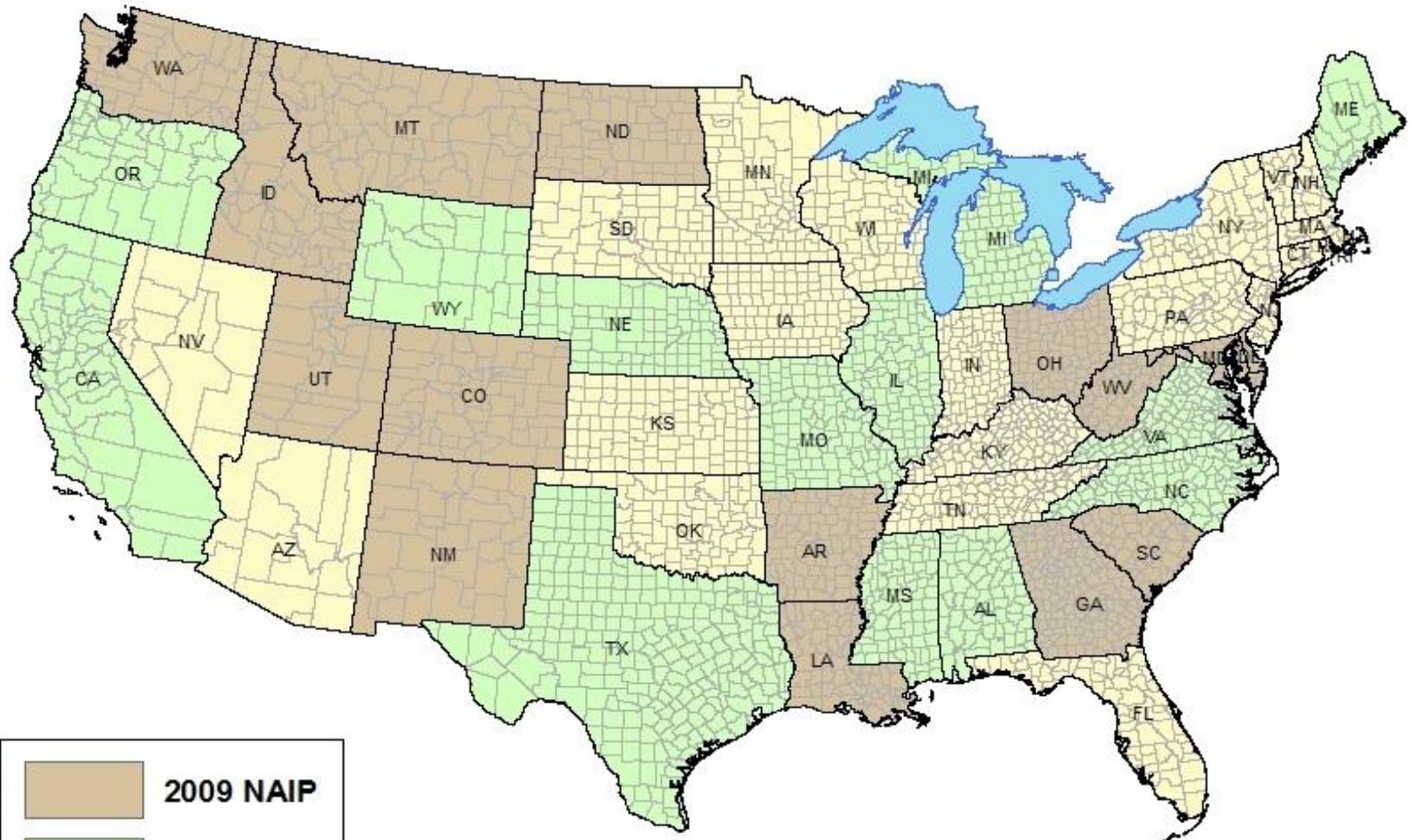
NAIP 3 Year Cycle Plan

2009-2011

- “Ortho Base” imagery replacement for 3 year cycle (48 states)
 - Build in more stability and consistency for funding and planning
 - 1 meter resolution only (no 2 meter)
 - Full state coverage (no CLU base coverage)
 - Natural color base imagery (partners fund 4-band upgrades)
- Deliverables
 - Compressed County Mosaics (CCMs)
 - 15:1 Compression, MrSID MG3 format for 3-band states
 - MrSID MG3 format for 4-band states delivered as 3-band natural color
 - Digital Ortho Quarter Quads (DOQQs)
 - GeoTIFF, full resolution
 - CCMs and DOQQs released to all users 30 to 45 days after flying season end date
- Flying Season
 - Leaf-on under peak crop growing conditions
- Projection
 - UTM zones with CCMs projected in single zone

2009 - 2011 NAIP ACQUISITION

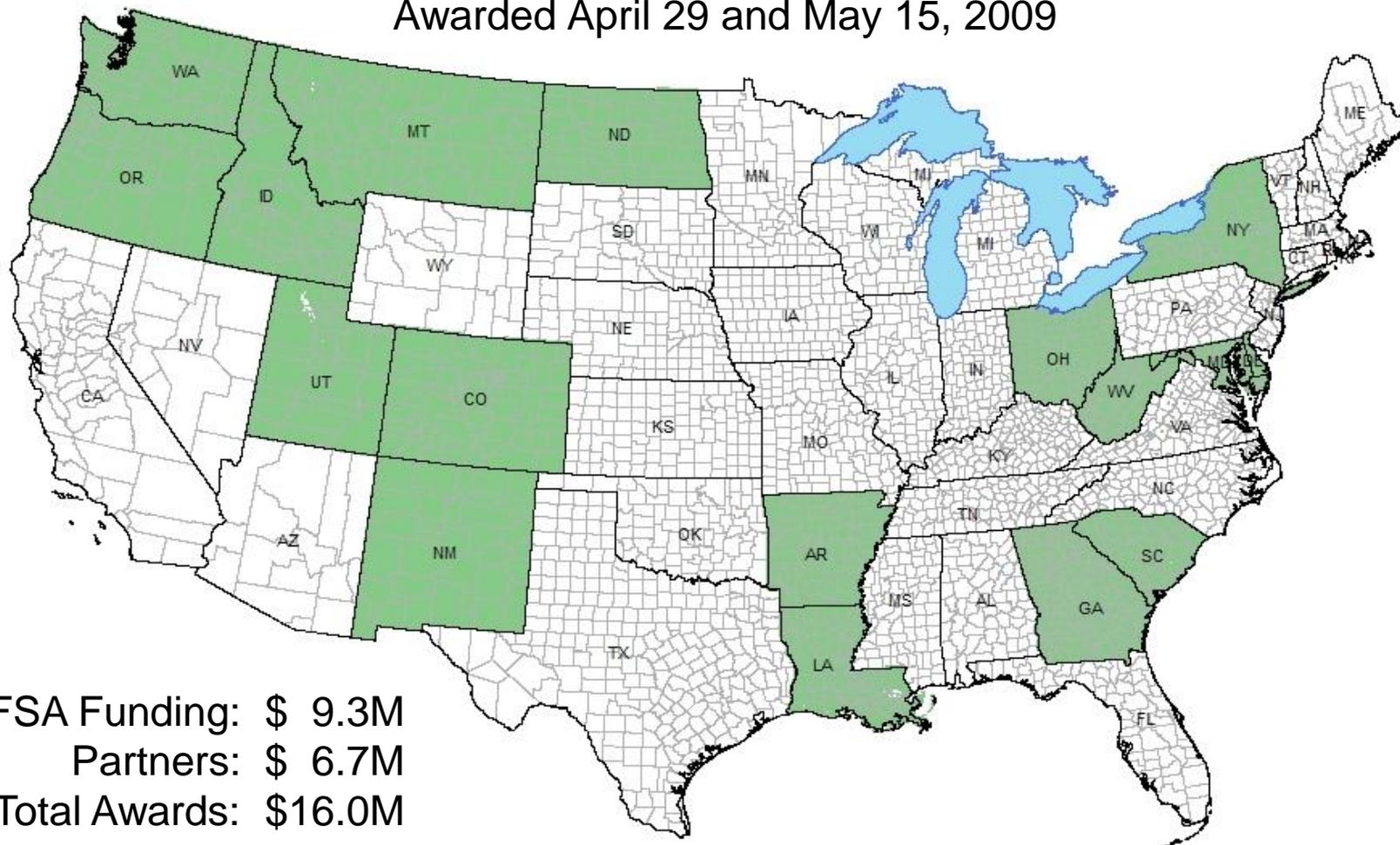
3 - YEAR CYCLE



Round 1 Task Order Awards

17 States

Awarded April 29 and May 15, 2009



FSA Funding: \$ 9.3M

Partners: \$ 6.7M

Total Awards: \$16.0M

 2009 NAI P Coverage

81,435 DOQQs covering 1,141,090 Square Miles

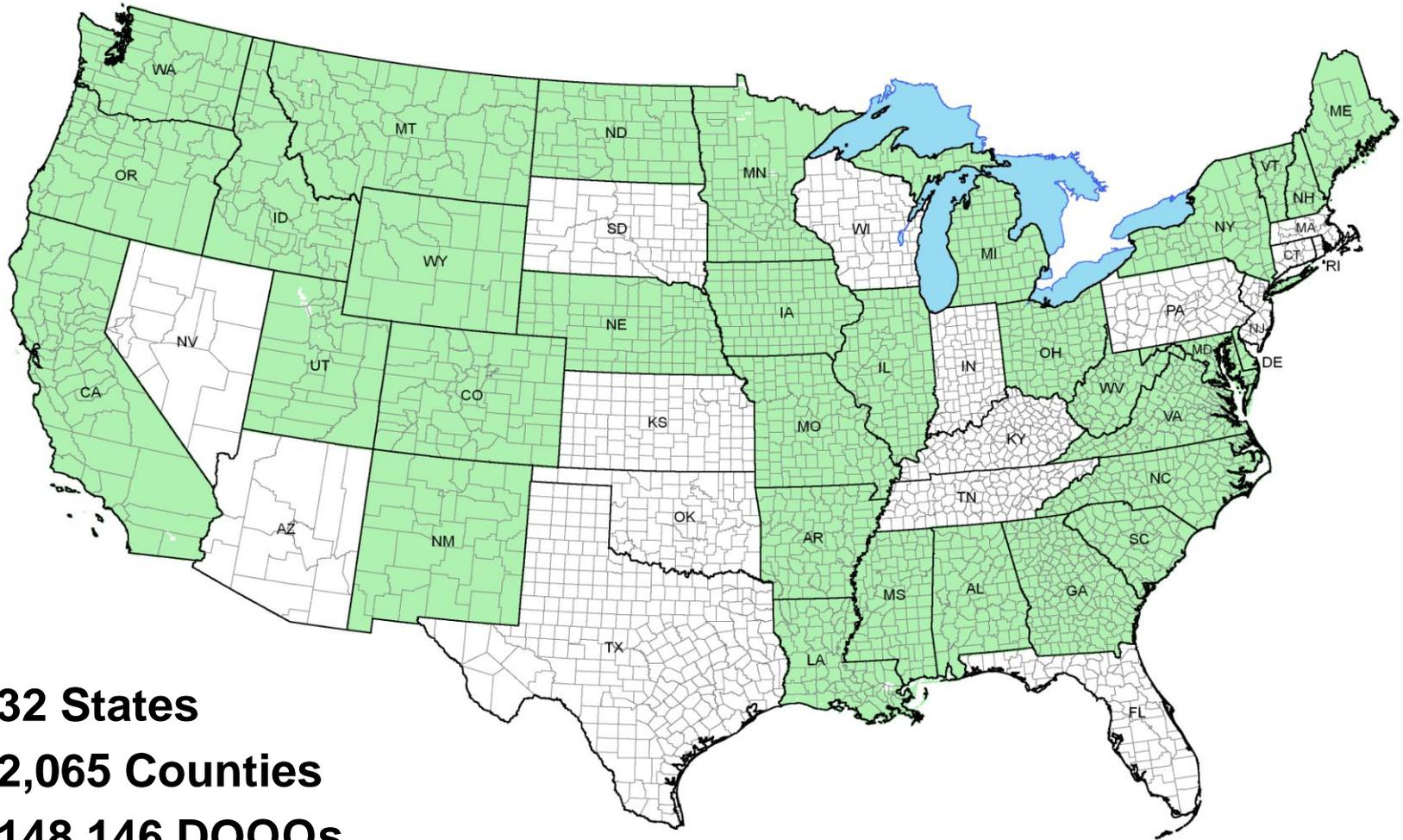
USDA-FSA-APFO

2009 Additional Funding

- On May 20, the Under-Secretary of Agriculture increased FSA's total NAIP funding to \$24 million
- Added 15 states for a total of 32
- Timing did not allow partners to “buy-up” 4-band product before contract awards, but 4-band product was purchased through NAIP modifications for 6 states:
 - AL, CA, MO, NE, NC, and WY
 - Partners funded full cost based on contractor quotation
 - Buy-ups were subject to an 8% administrative charge



2009 NAIP – CONTRACTED STATES



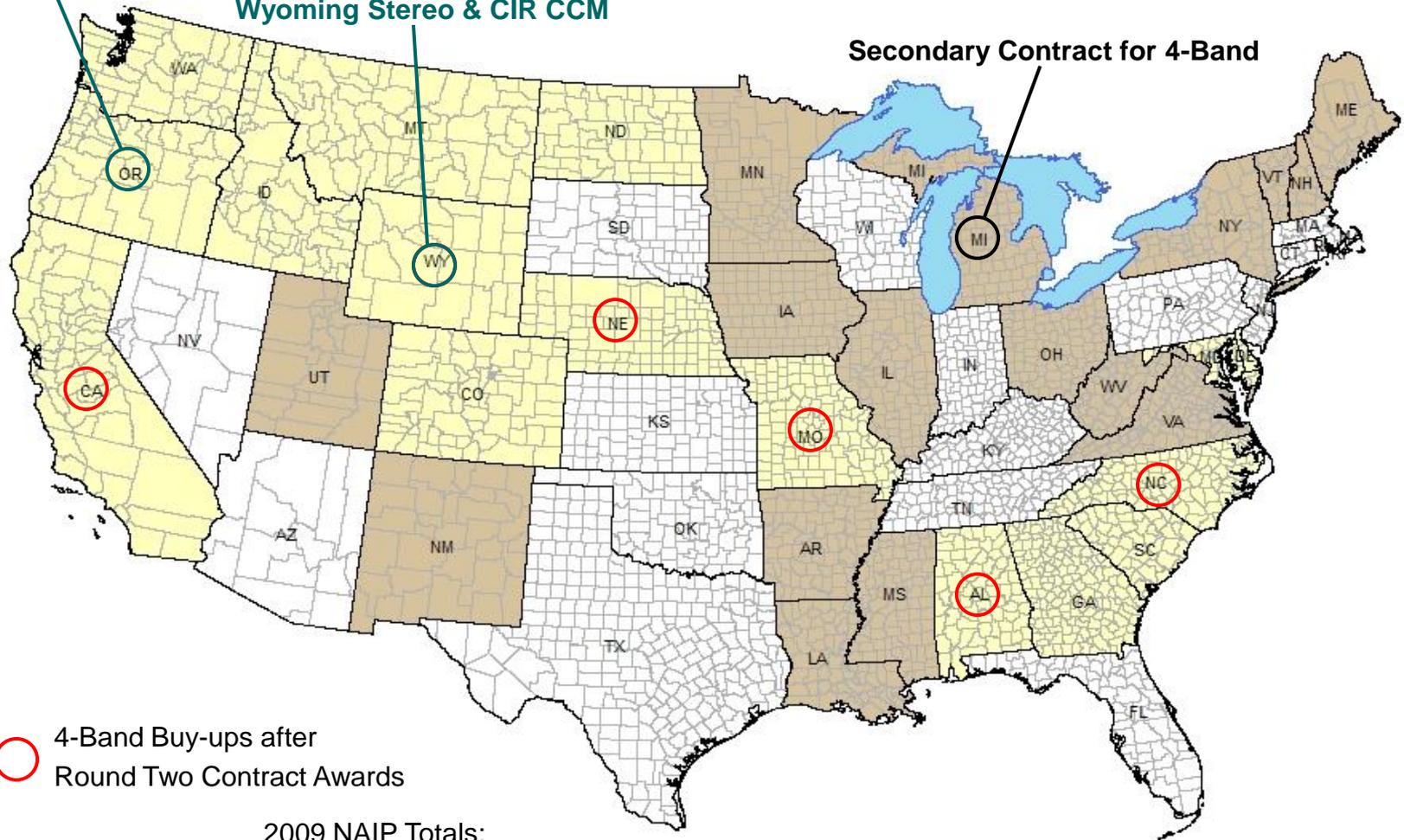
32 States
2,065 Counties
148,146 DOQQs
2,089,886 Sq. Miles

2009 NAIP 3 BAND VS 4 BAND

Oregon 1/2 meter

Wyoming Stereo & CIR CCM

Secondary Contract for 4-Band

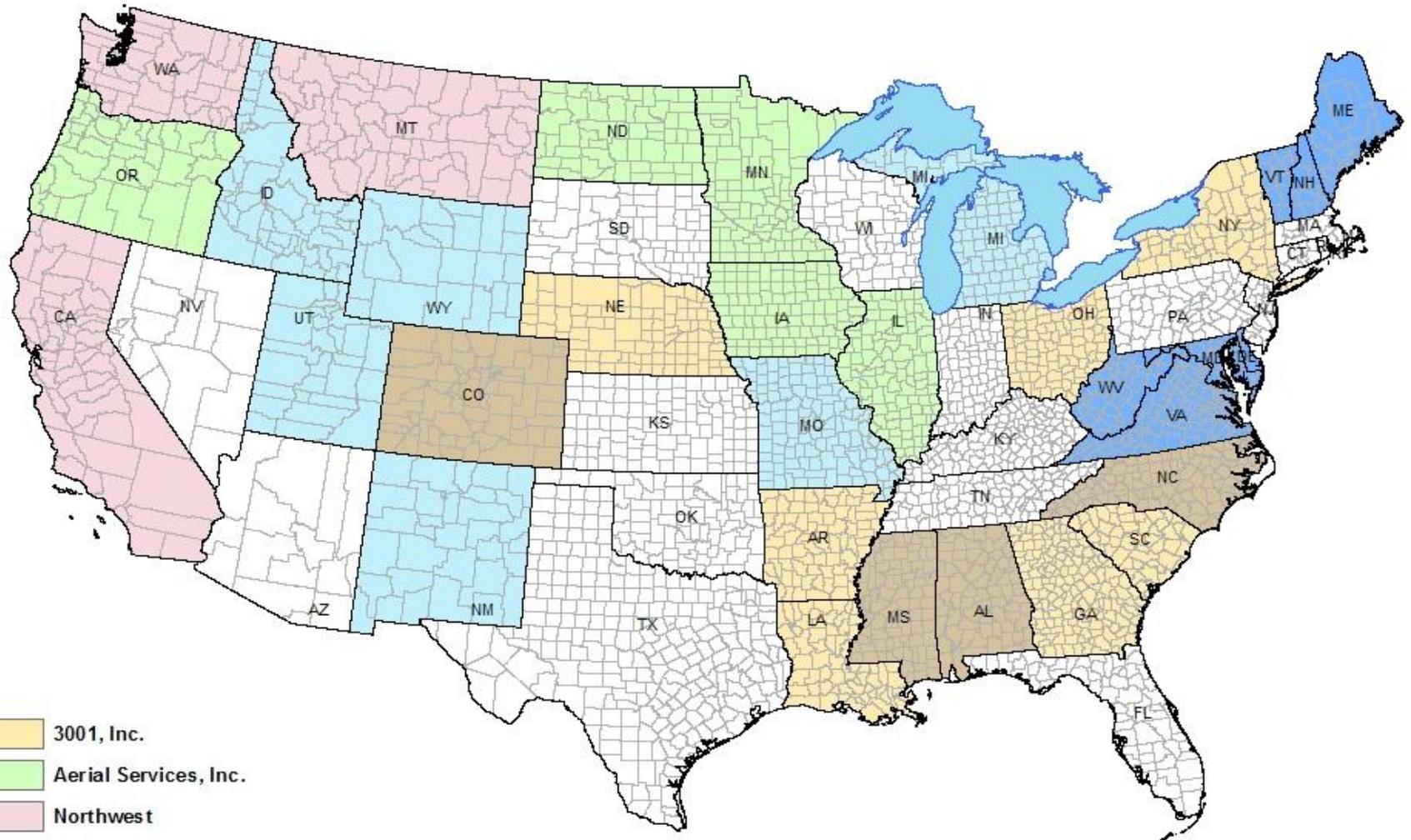


 4-Band Buy-ups after Round Two Contract Awards

2009 NAIP Totals:

	4 BAND	87,950 DOQQs	59%	4-Band
	3 BAND	60,196 DOQQs	41%	3-Band

2009 NAIP Contractors

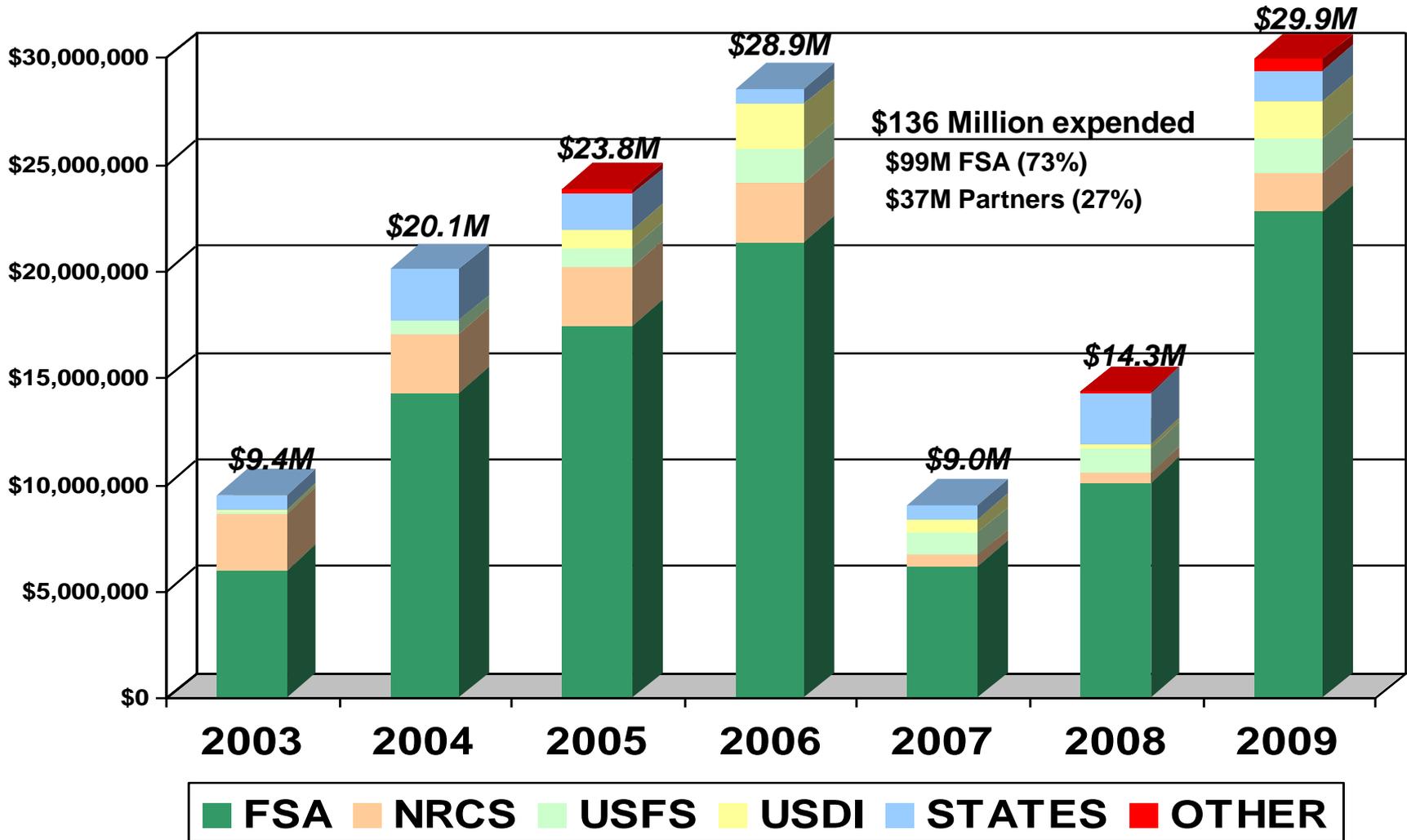


-  3001, Inc.
-  Aerial Services, Inc.
-  Northwest
-  Photoscience
-  Sanborn
-  Surdex

ALL STATES EXCEPT IL, IA AND MN ARE BEING FLOWN WITH DIGITAL CAMERAS

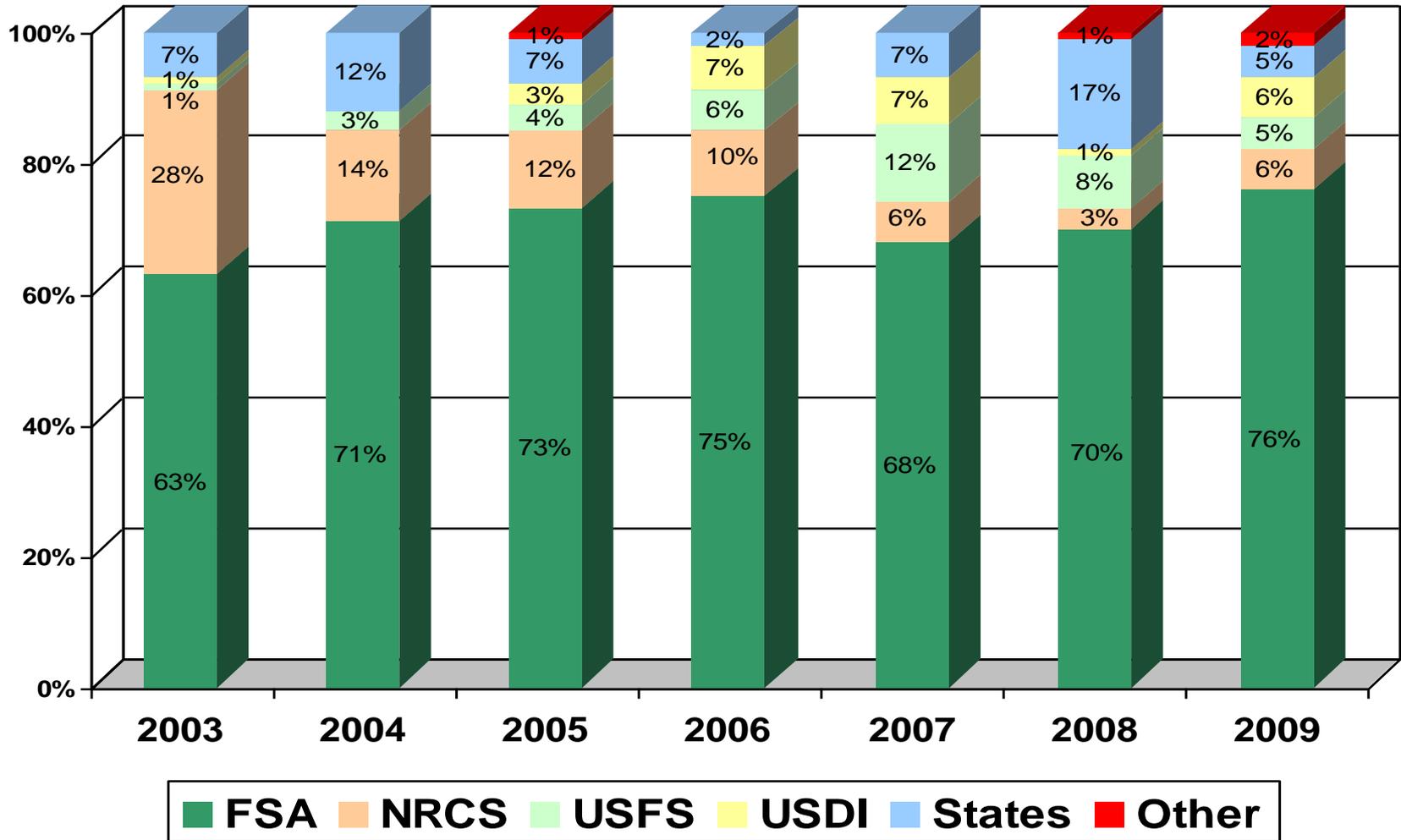
NAIP Funding History

2003 - 2009 FSA NAIP Contracts



NAIP Funding History

2003 - 2009 FSA NAIP Contracts

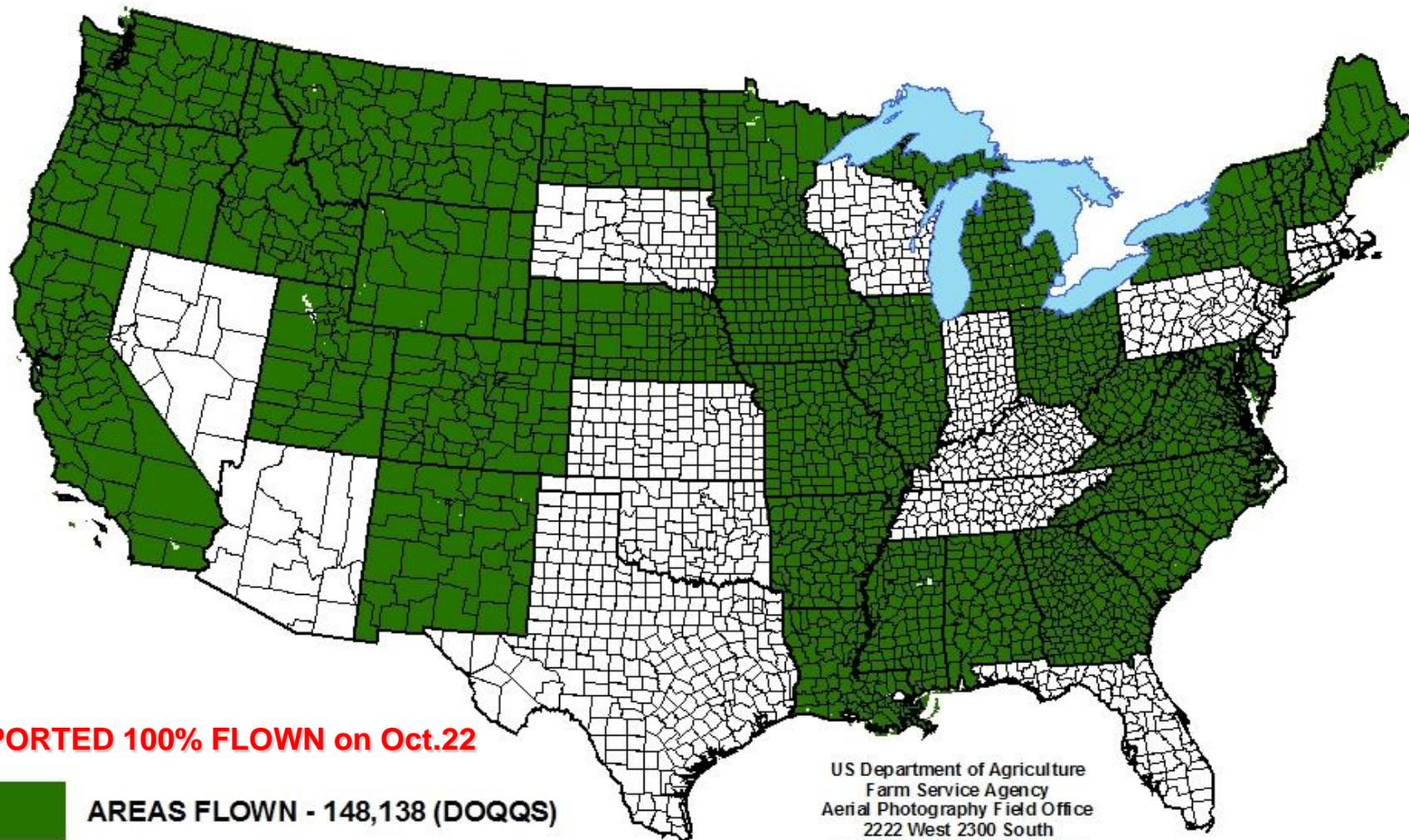


2009 NAIP Funding Sources

U.S. Forest Service	\$1,640,000
Natural Resource Consvr. Service	\$1,750,000
U.S. Geological Survey	\$1,750,000
Other Federal Agencies	\$183,000
State Governments (15 states)	<u>\$1,770,495</u>
Total 2009 Cost Shares:	\$7,093,495
FSA Funding Amount	<u>\$22,809,911</u>
2009 NAIP Funding Total:	\$29,903,406



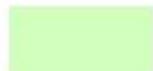
2009 NAIP IMAGERY STATUS



REPORTED 100% FLOWN on Oct.22



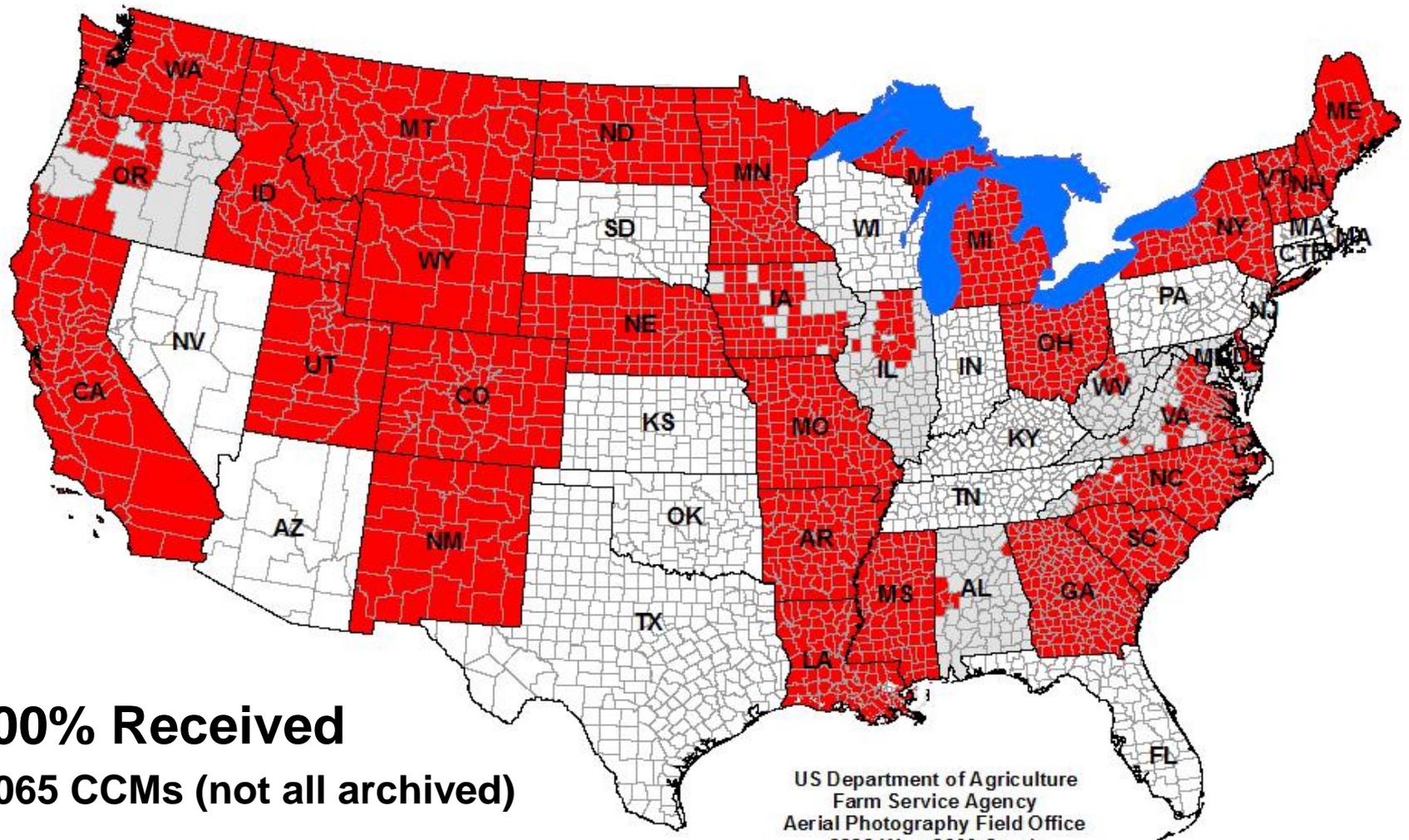
AREAS FLOWN - 148,138 (DOQQS)



AREAS CONTRACTED - 148,146 (DOQQS)

US Department of Agriculture
Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South
Salt Lake City, UT 84119-2020
Bridget Barlow
Tel: 801-844-2911 Fax: 801-956-3640
Email: bridget.barlow@slc.usda.gov
Website: www.apfo.usda.gov

2009 NAIP COMPRESSED COUNTY MOSAICS (CCM)



100% Received

2,065 CCMs (not all archived)

 COUNTIES AVAILABLE (Does Not Reflect Actual Coverage)
 COUNTIES CONTRACTED

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Farm Service Agency
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Bridget Barlow
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Website: www.apfo.usda.gov

SAC Small Area Aerial Photography Contracts

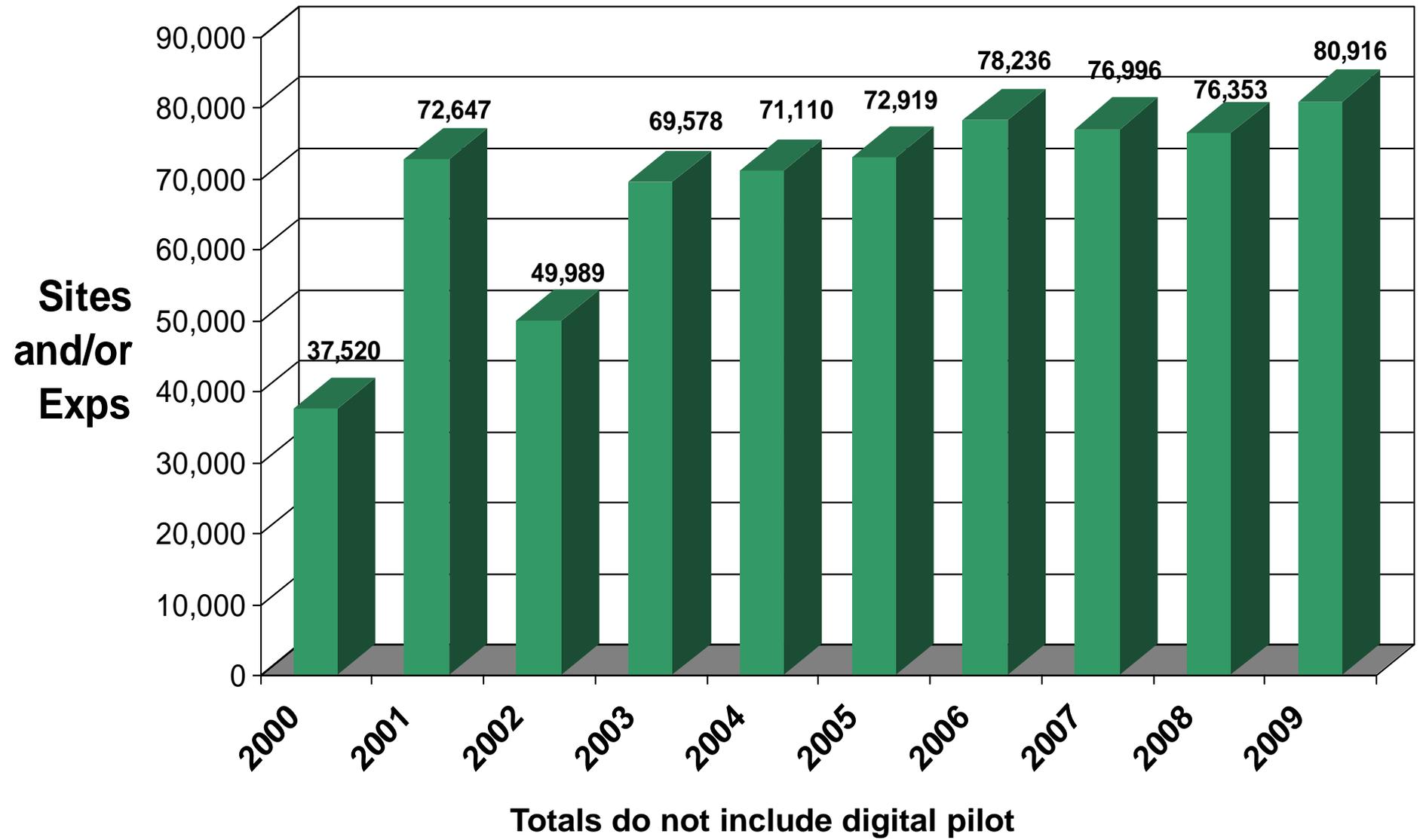
Accomplishments:

- Successfully acquired over 10 years of imagery
- Established program with specific requirements
- Plans for the 2010 Contract:
 - One year contract for film with digital study project
 - Internal hard drive delivery from contractors
 - Electronic transfer (Oncourse) to NRCS

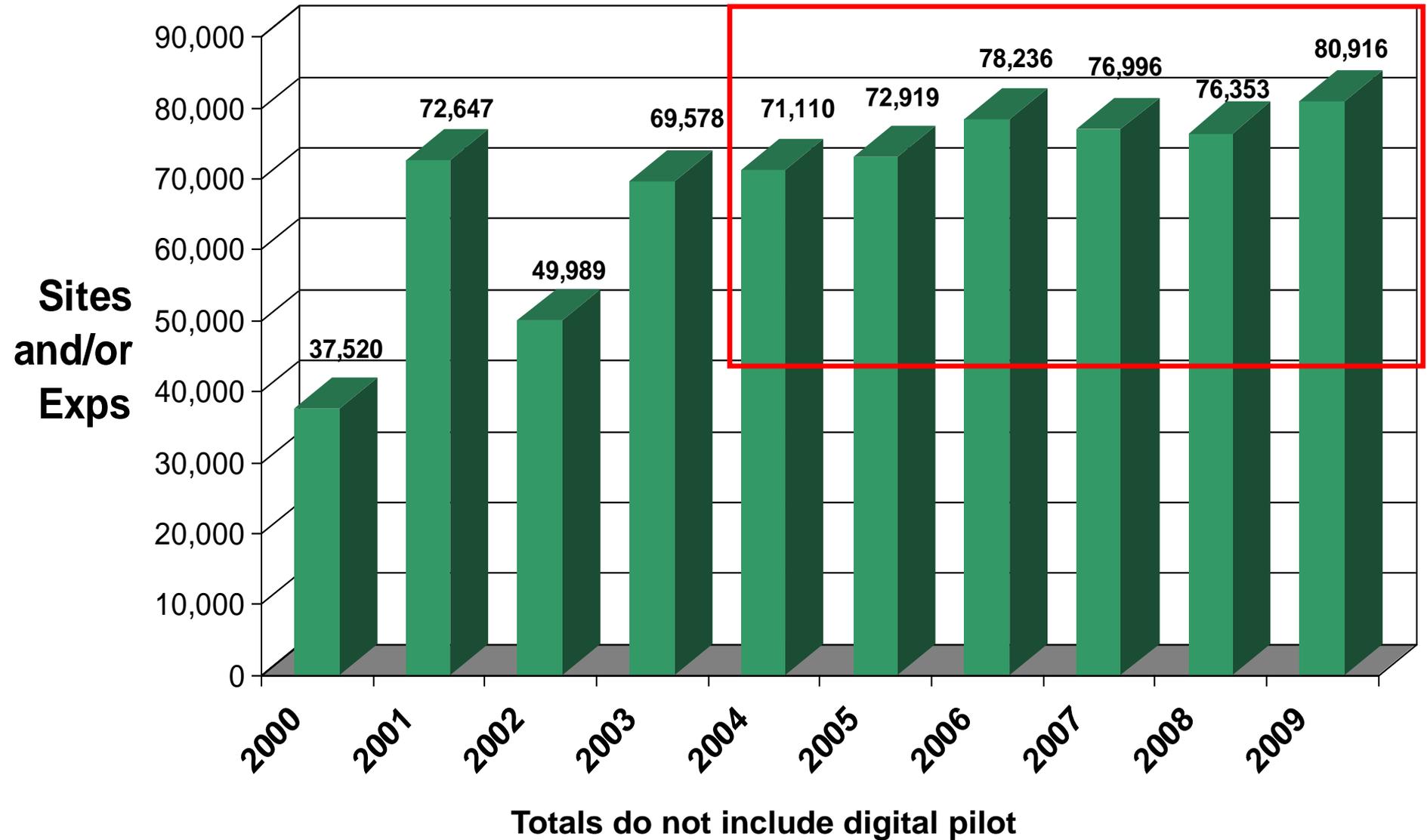
Challenges:

- Transitioning to digital acquisition
- Establishing a digital replacement that best mimics the film acquisition performance and costs
- Taking advantage of latest technologies (sensors) and incorporating them into a long term contract

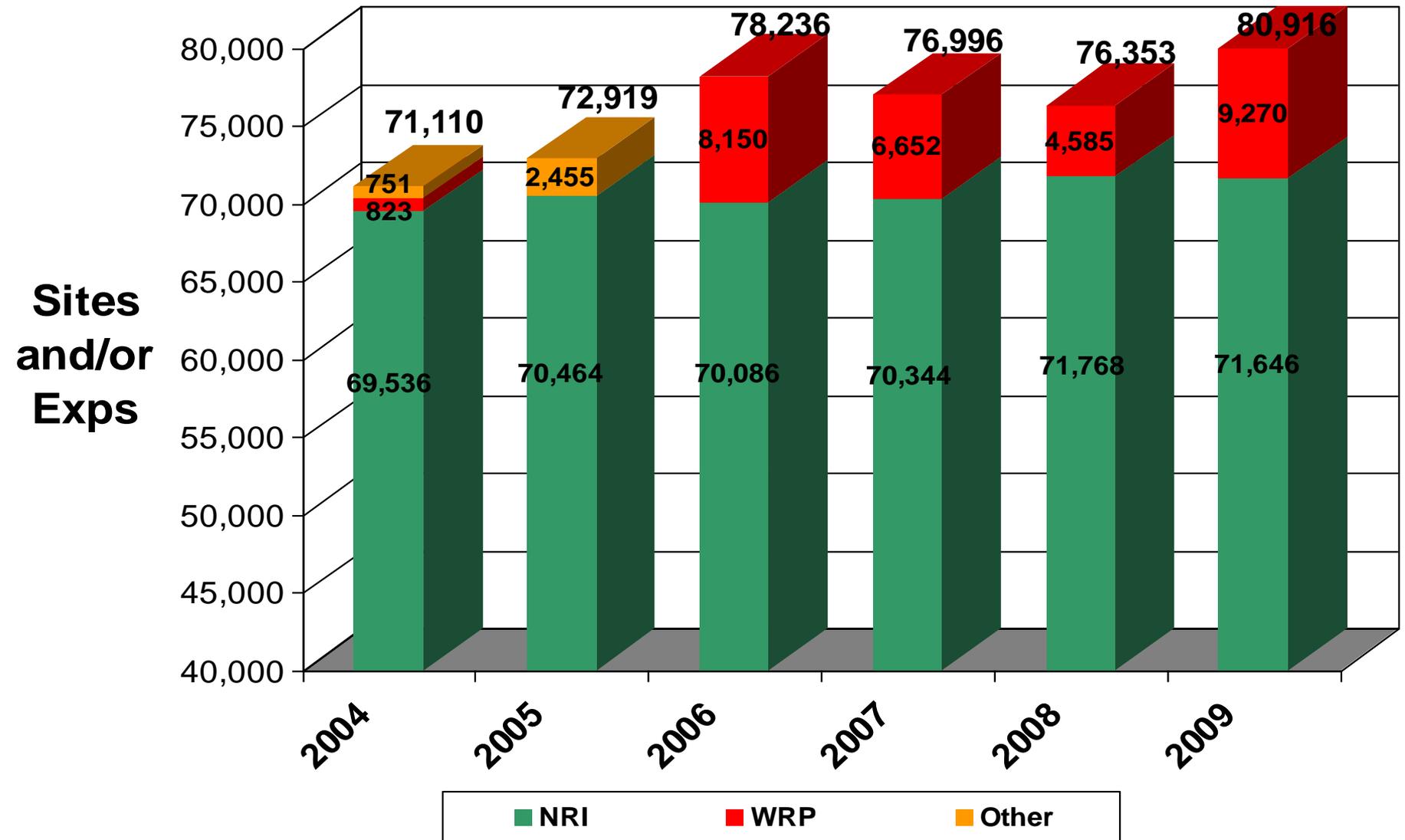
History of SAC Contracts



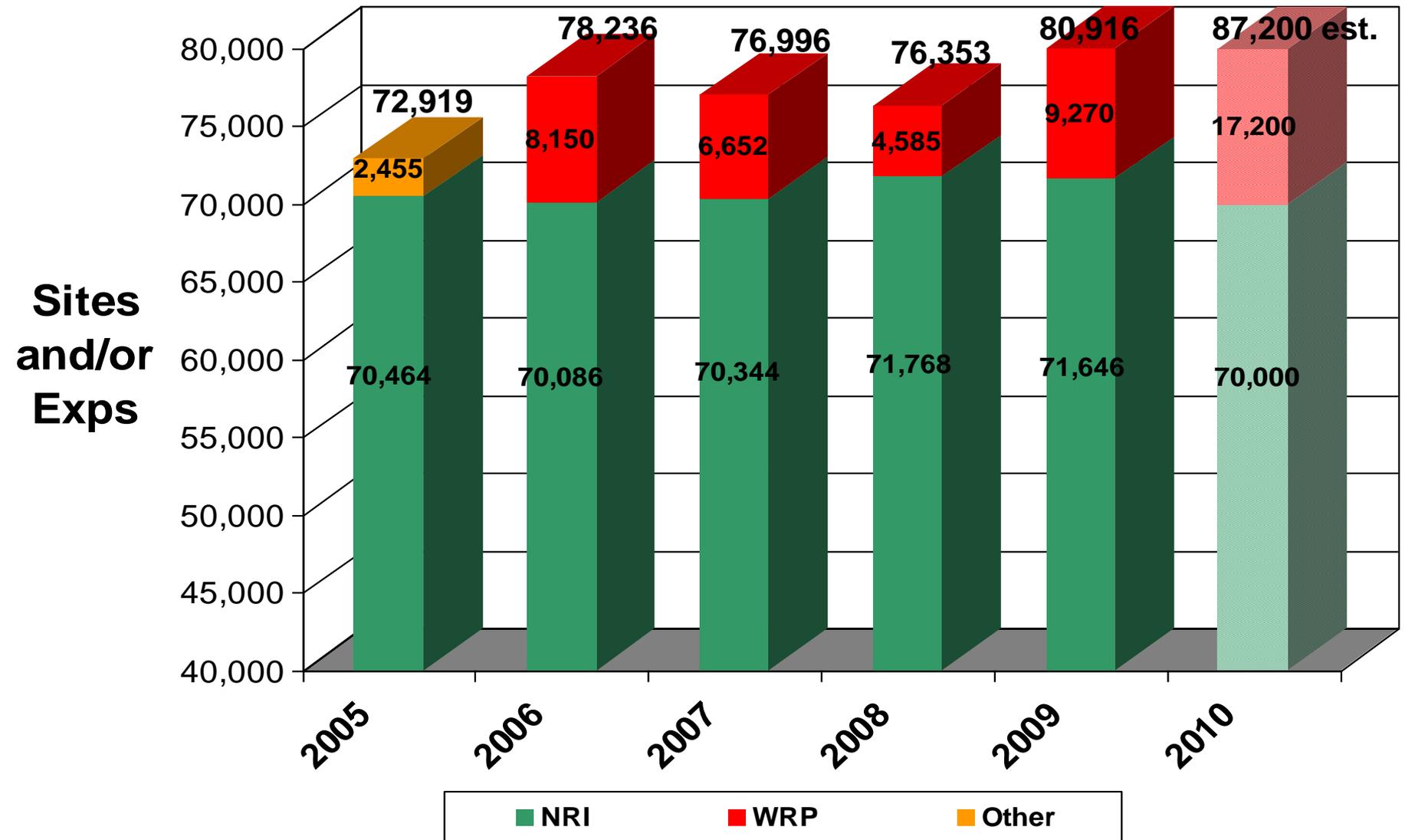
History of SAC Contracts



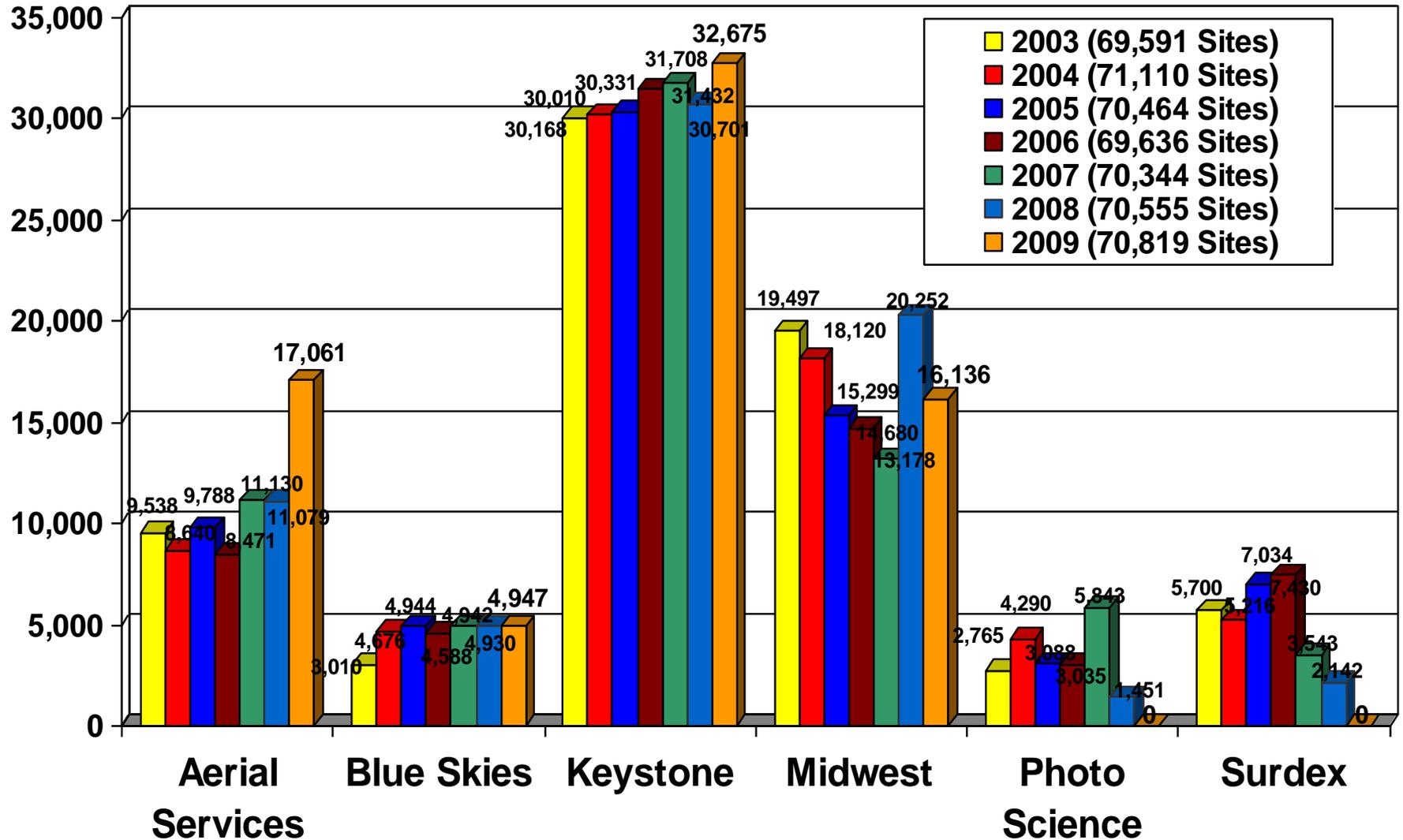
History of SAC Contracts



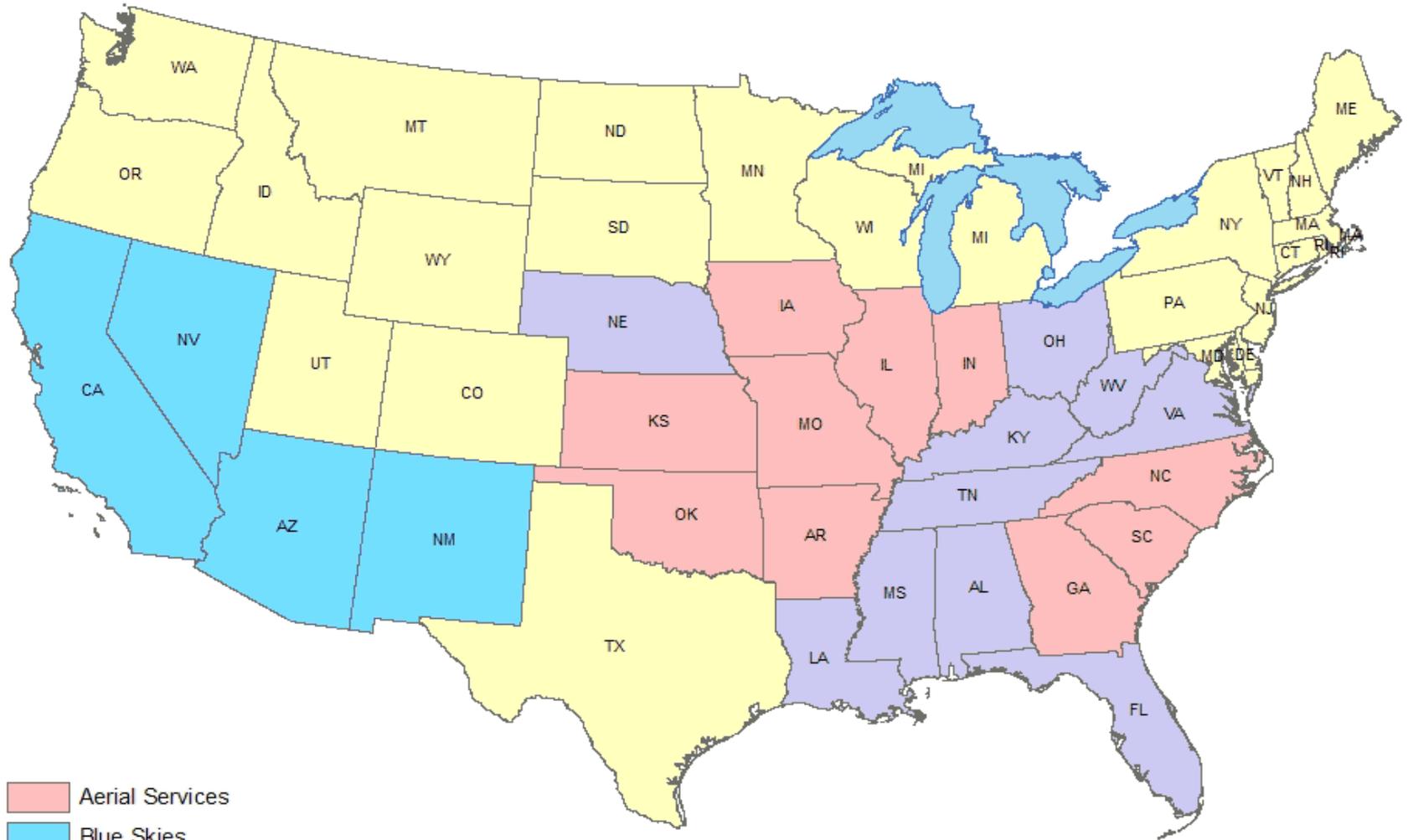
History of SAC Contracts



NRI CONUS Contract Award History



2009 NRI/WRP Contractors



-  Aerial Services
-  Blue Skies
-  Keystone Aerial Surveys
-  Midwest Aerial Photography

70,818 Sites

2009 NRI CONUS Sample

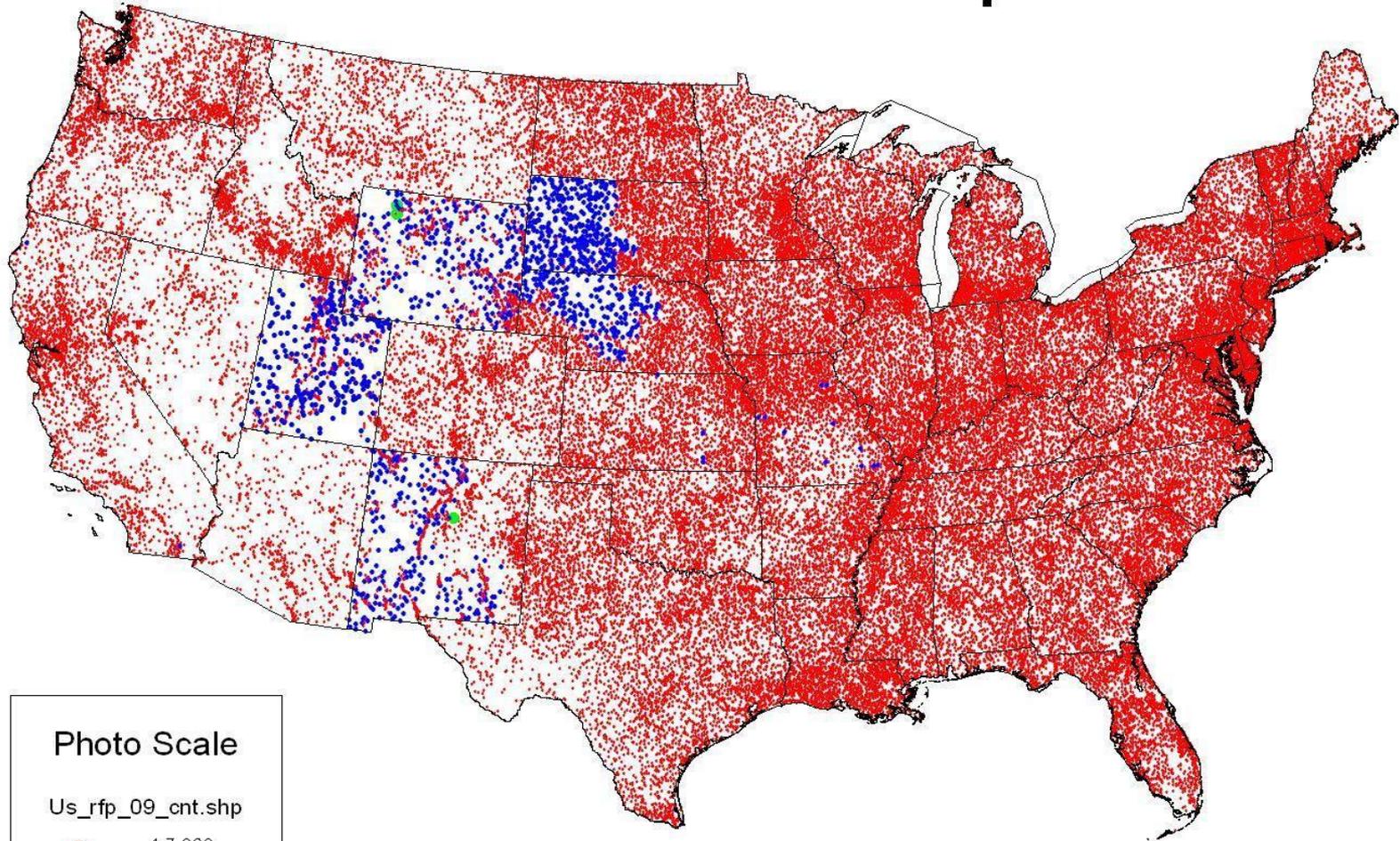


Photo Scale

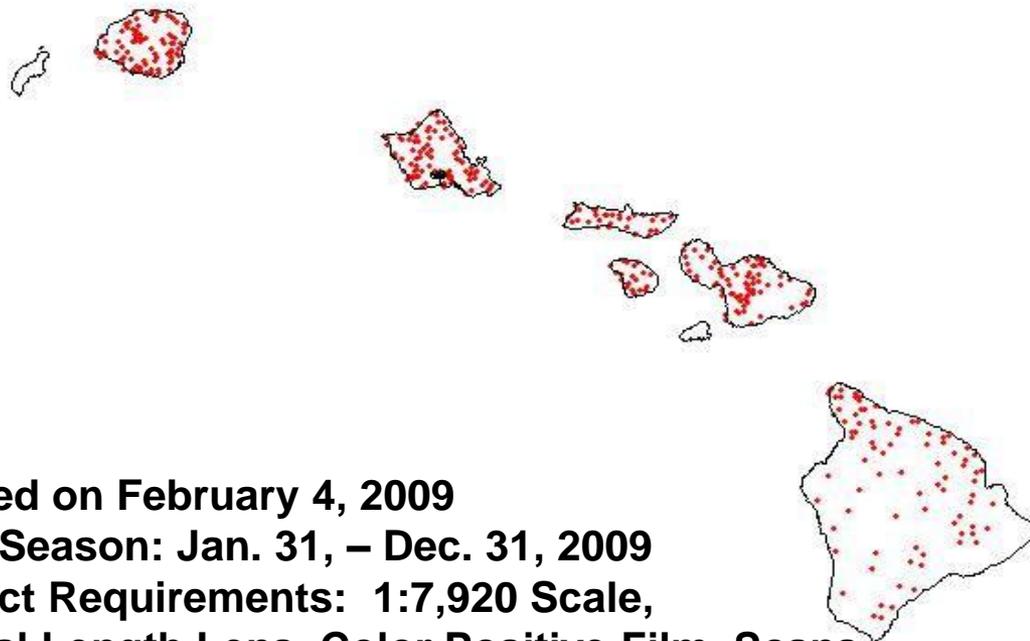
Us_rfp_09_cnt.shp

- 1:7,920
- 1:12,000
- 1:15,840

70,819 CONUS Sites
@ \$92.73 per site = \$6.6M

0 400 Miles

2009 AERIAL SERVICES, INC. AWARD



Awarded on February 4, 2009
Flying Season: Jan. 31, – Dec. 31, 2009
Contract Requirements: 1:7,920 Scale,
6" Focal Length Lens, Color Positive Film, Scans

<u>Quantity</u>	<u>Price</u>	<u>Total</u>	<u>Admin Fee</u>
376	\$370.00	\$139,120.00	\$4,173.60
Scans	\$9.00	\$3,384.00	\$101.52
Totals:	\$379.00	\$142,504.00	\$4,275.12

2009

Hawaii NRI Sites

376 Sites

Photo Scale

• 1:7,920

0 80 Miles

2009 AERIAL SERVICES, INC. AWARD



Puerto Rico
and the
U.S. Virgin
Islands -
NRI Sites

451 Sites

<u>Quantity</u>	<u>Price</u>	<u>Total</u>	<u>Admin Fee</u>
451	\$255.00	\$115,005.00	\$3,450.00
Scans	\$9.00	\$4,059.00	\$121.77
Totals:	\$264.00	\$119,064.00	\$3,571.77

Awarded on February 4, 2009

Flying Season: Jan. 31, 2009 – Dec. 31, 2009

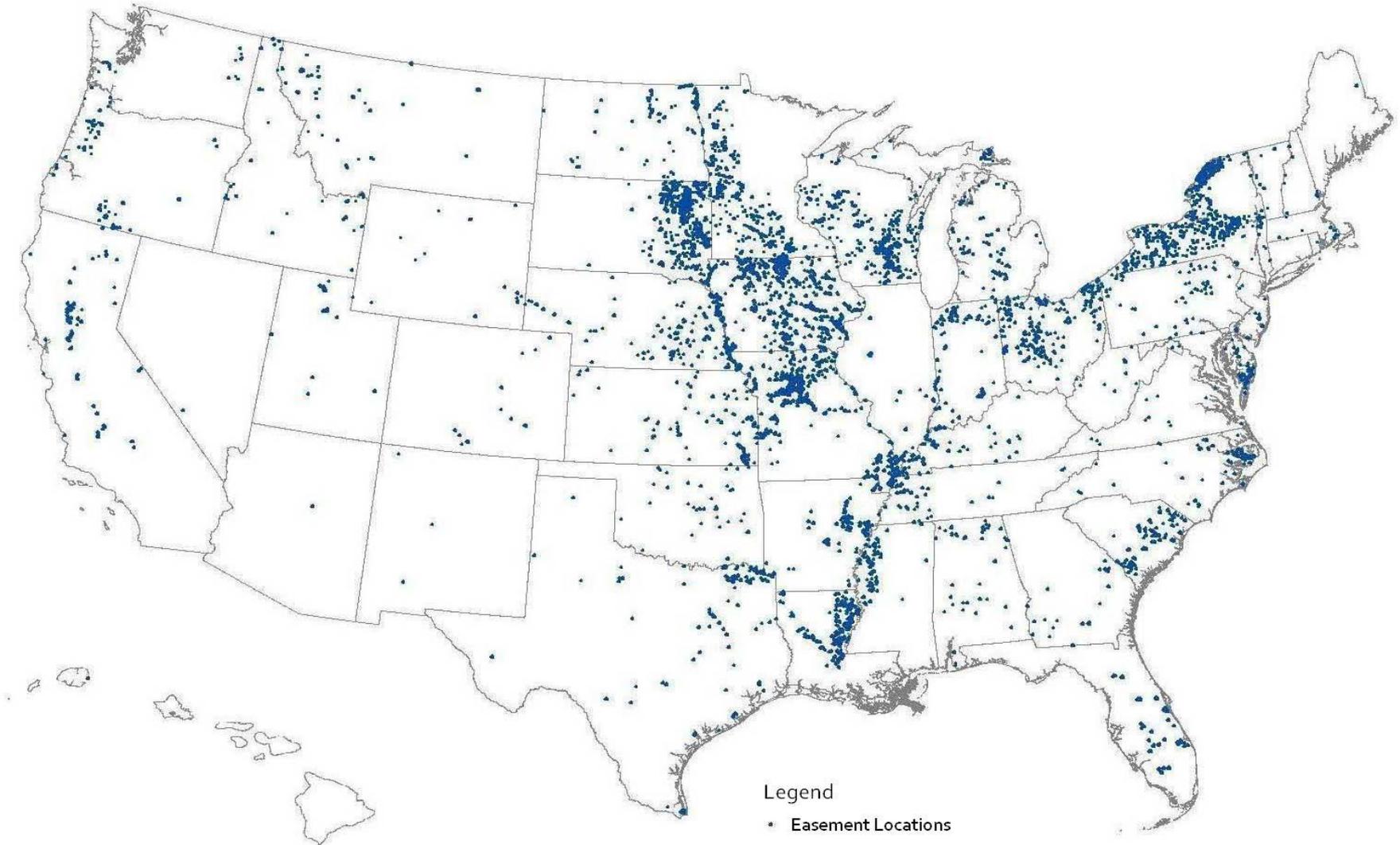
**Contract Requirements: 1:7,920 Scale, 6" Focal
Length Lens, Color Positive Film, Scans**

Photo Scale

• 1:7,920

0  40 Miles

2009 Wetland Reserve Easement Locations



**9,270 Exposures (7,910 Easements)
@ \$81.60 per exposure = \$756K**

RES

Resource Aerial Photography Contracts

Accomplishments:

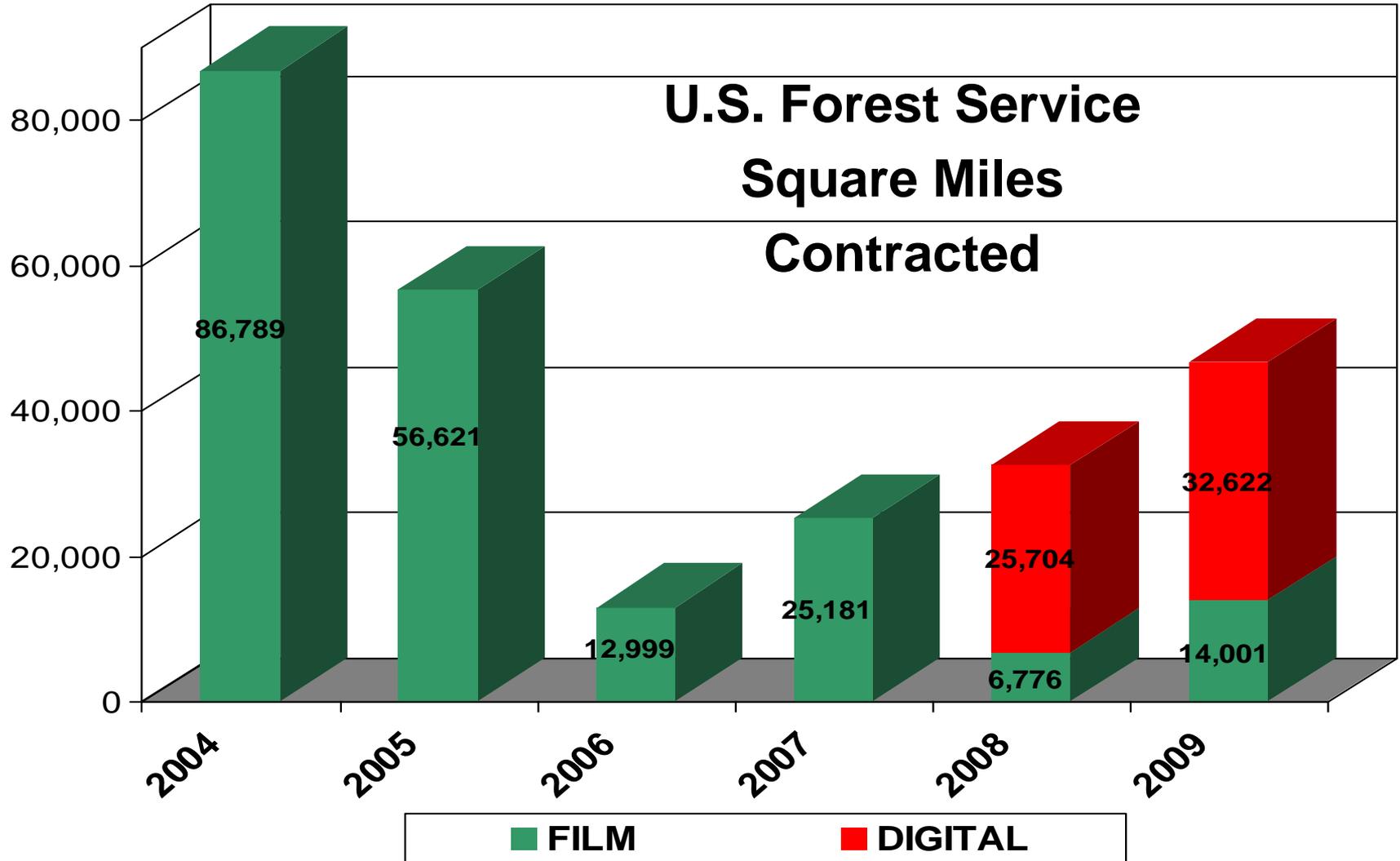
- Successfully acquiring both film and digital products
- Developed specifications for “raw” digital imagery products

Challenges:

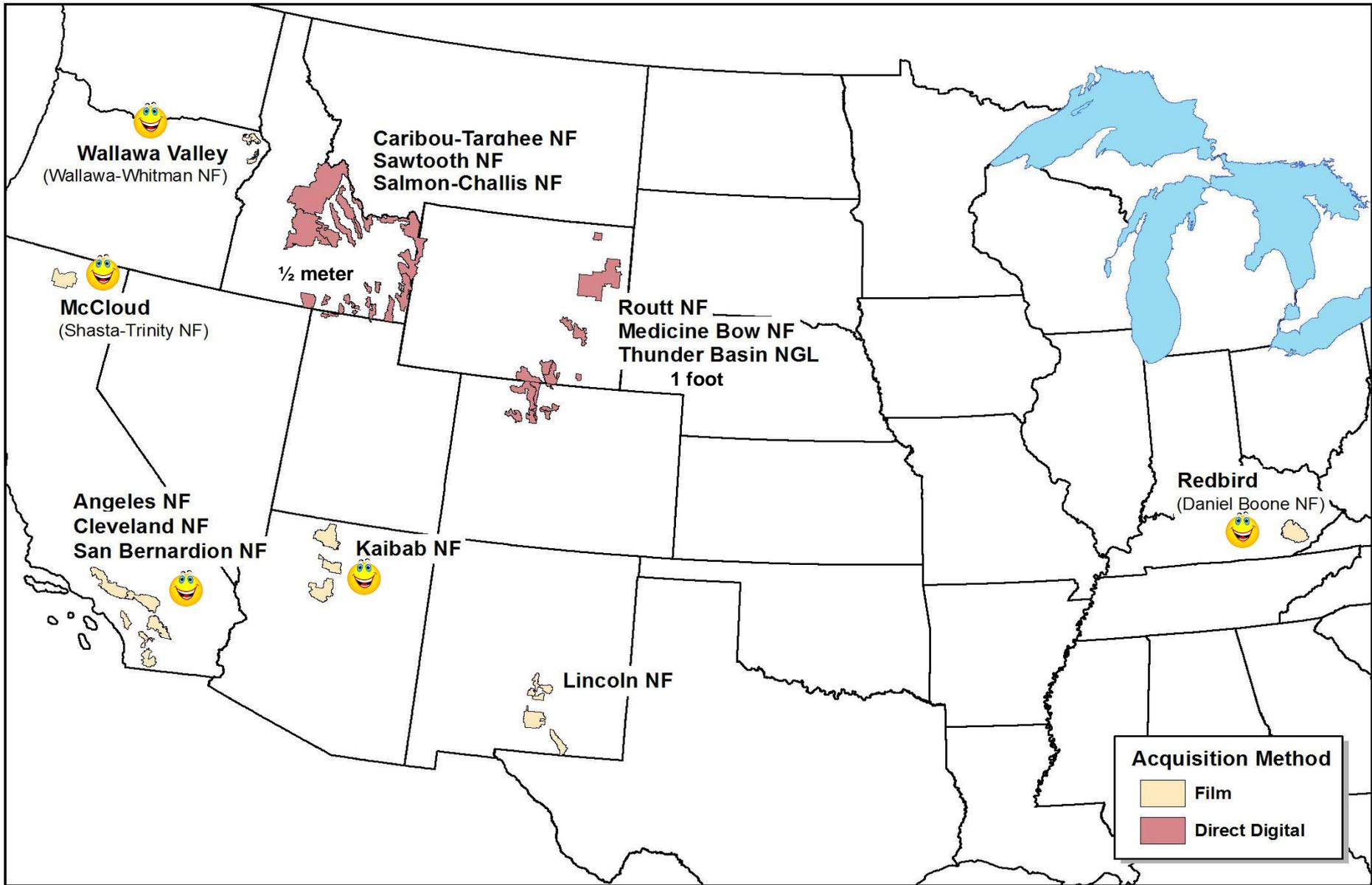
- Alaska imagery acquisition (weather)
- Transition to digital acquisition
- Incorporating latest technologies (sensors) into contracts



History of Resource Contracts



2009 RESOURCE PROJECTS



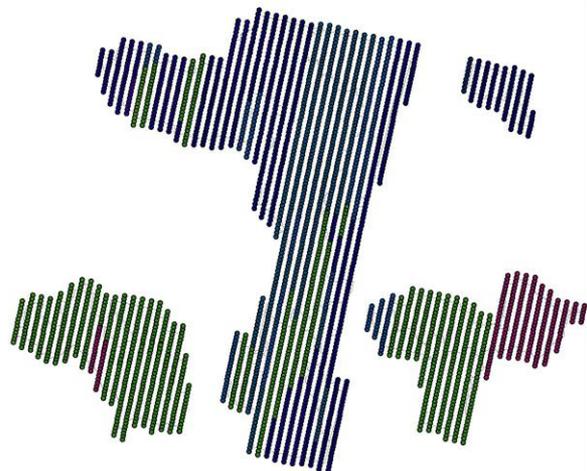


FS Region 2 Projects

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: USDA-FS-8-09
ITEM 1: Routt NF, Colorado
GSD: 30 cm (12 inch)
4-band

Progress as of: 27-SEP-09
Contractor: Keystone Aerial Surveys

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.

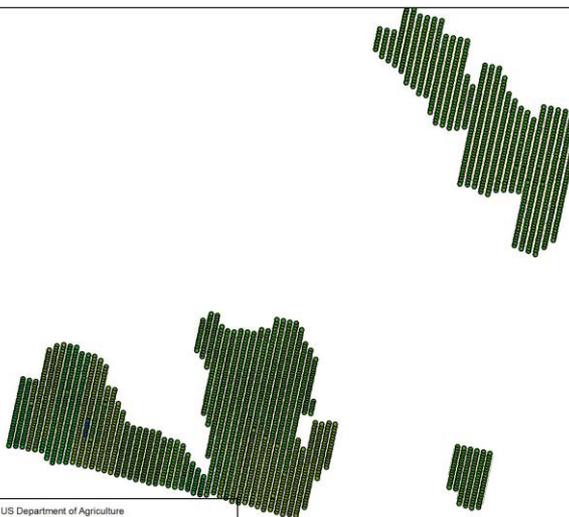


US Department of Agriculture
Farm Service Agency, Aerial Photography Field Office
2222 West 2300 South, Salt Lake City, UT 84119-2020
Tel: 801-844-2916, Fax: 801-956-3640
John Mootz Email: john.mootz@slc.usda.gov
Website: www.apfo.usda.gov

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: USDA-FS-8-09
ITEM 2: Medicine Bow NF, Wyoming
GSD: 30 cm (12 inch)
4-band

Progress as of: 25-SEP-09
Contractor: Keystone Aerial Surveys

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.

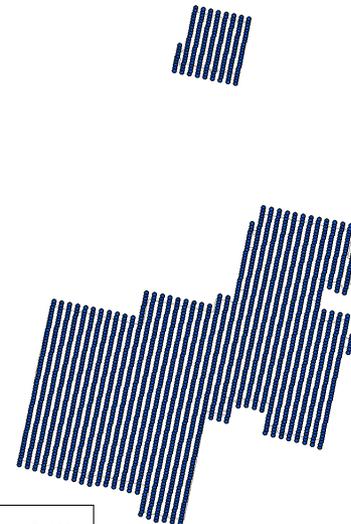


US Department of Agriculture
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John Mootz
Email: john.mootz@slc.usda.gov
Website: www.apfo.usda.gov

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: USDA-FS-8-09
ITEM 3: Thunder Basin NGLs,
Wyoming
GSD: 30 cm (12 inch)
4-band

Progress as of: 21-AUG-2009
Contractor: Keystone Aerial Surveys

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.



US Department of Agriculture
Farm Service Agency, Aerial Photography Field Office
2222 West 2300 South, Salt Lake City, UT 84119-2020
Tel: 801-844-2916, Fax: 801-956-3640
Charlotte Vanderbilt
Email: charlotte.vanderbilt@slc.usda.gov
Website: www.apfo.usda.gov

**100% flown
Received Oct. 26, 2009**



U.S. DEPARTMENT OF AGRICULTURE
AERIAL SURVEY
SOLICITATION NO: USDA-FS-4-09
ITEM 2: Lincoln National Forest,
NEW MEXICO
SCALE: 1:24,000
LENS: 6" (153mm)
FILM: Color Negative
PROJECT IDENTIFICATION CODE: 613080

FS Region 3 Project

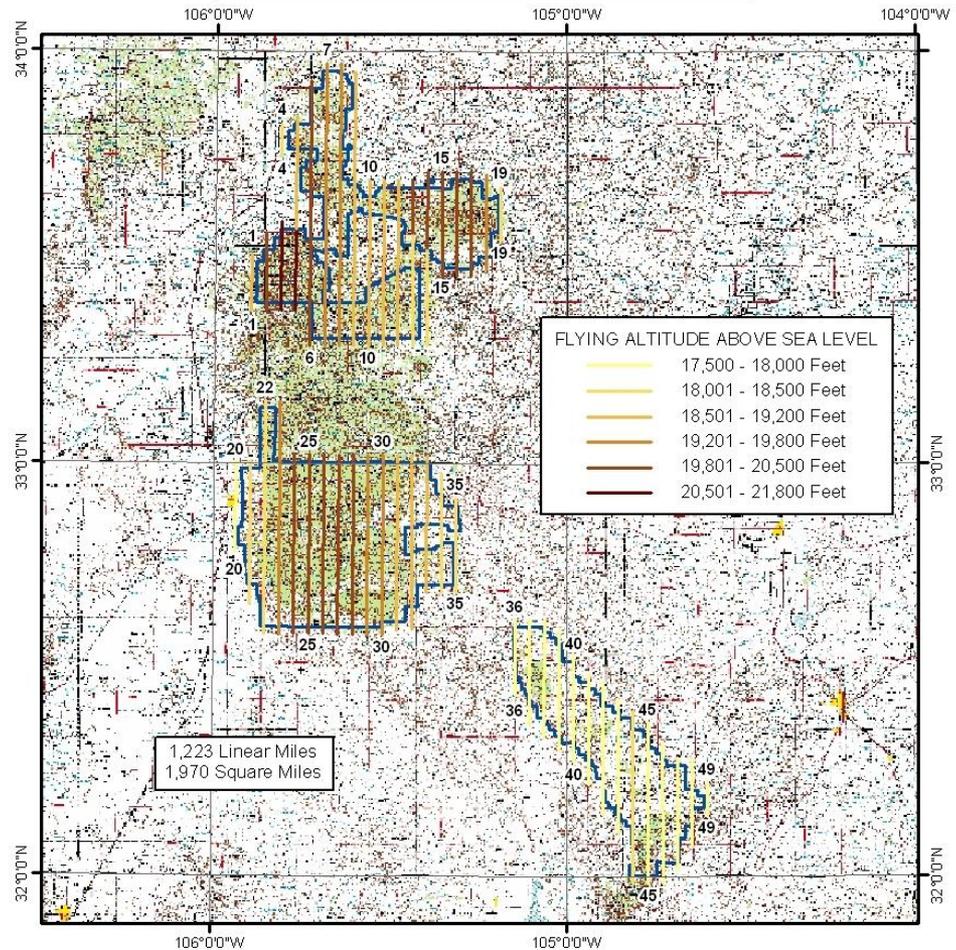
Lincoln National Forest, NM

Status:

100% flown

Received Oct. 30, 2009

Reflights pending review





FS Region 4 Project

Alternative to failed attempt
at NAIP 1/2 meter buy-up

Status:

47% flown

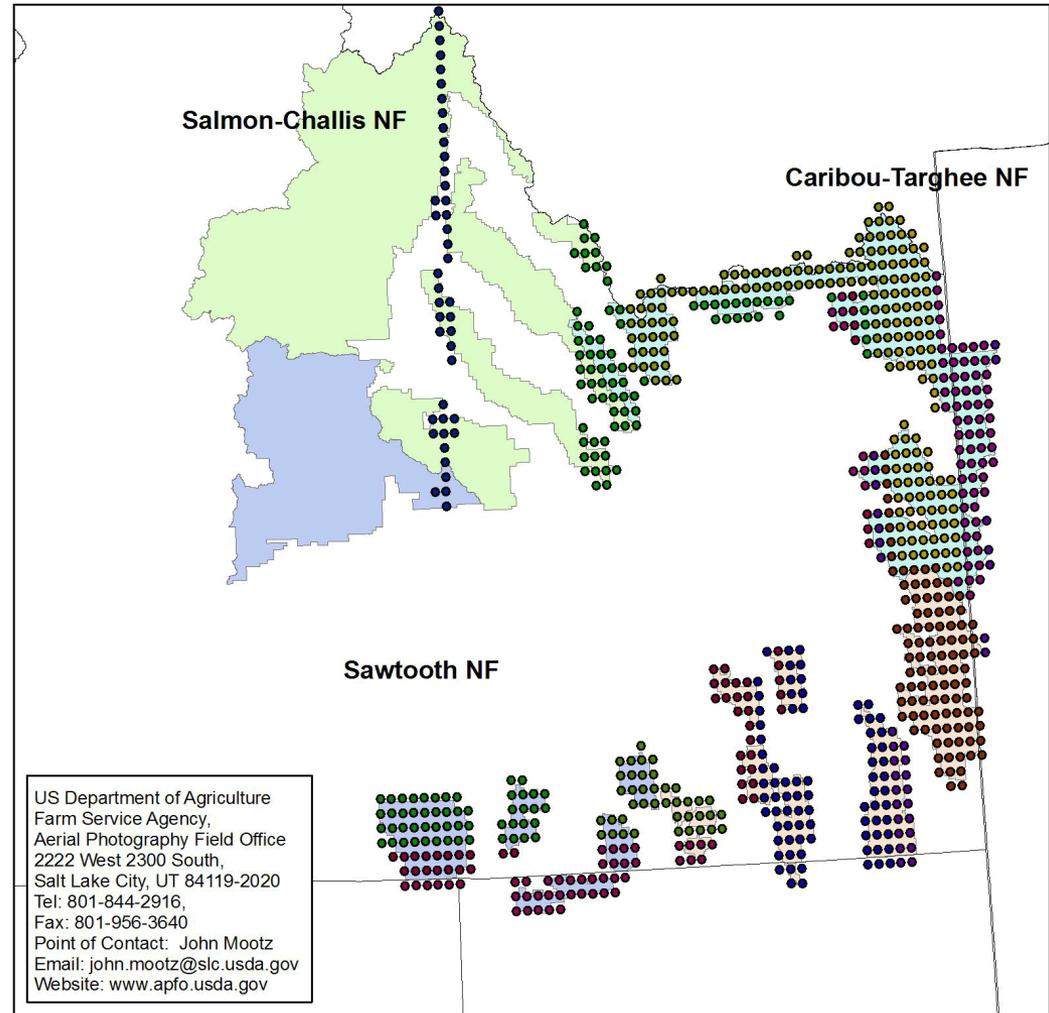
Received Dec. 2, 2009

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: USDA-FS-10-09
Item 1: Caribou-Targhee NF, ID, UT & WY
Item 2: Sawtooth NF, ID & UT
Item 3: Salmon-Challis NF, ID
GSD: 50cm (1/2 meter)
Sensor: ADS-80, 4-band

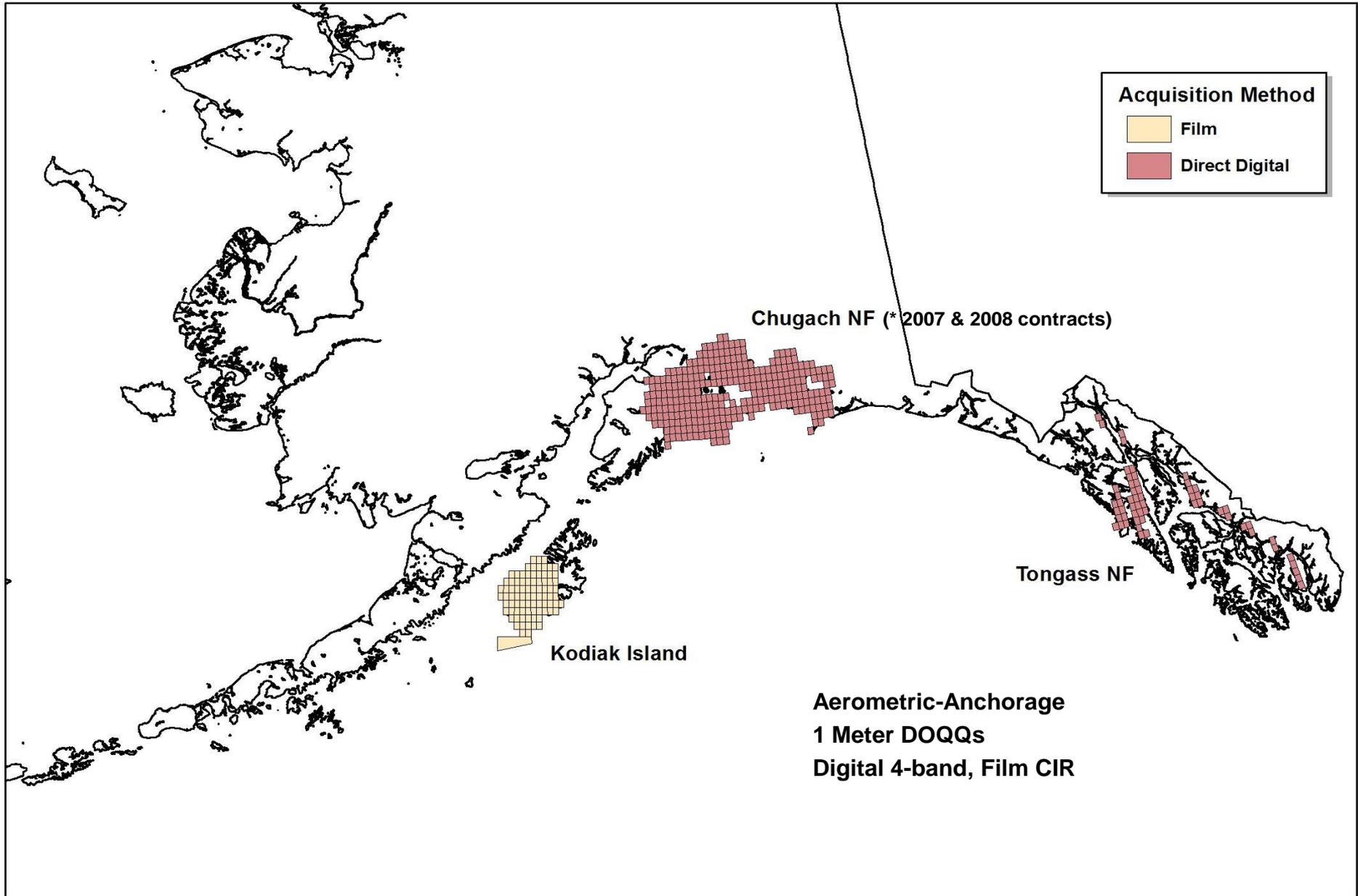
Progress as of: 27-SEP-2009
Contractor: Aerial Services

****NOTICE****

Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.



2009* ALASKA RESOURCE PROJECTS

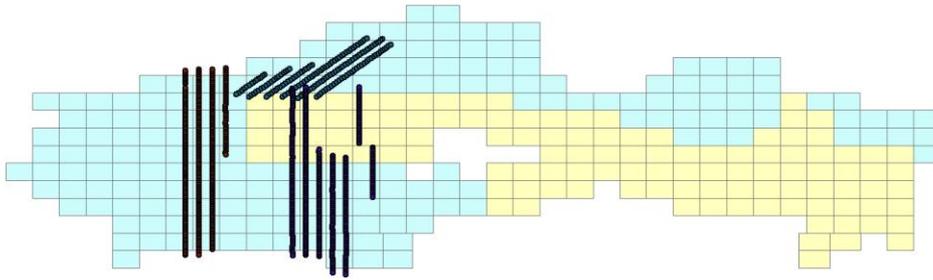


U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NOS:
USDA-1-07-2 & USDA-FS-1-08
Chugach National Forest, Alaska
GSD: 60cm (2 foot)
Sensor: DMC, 4-band

Progress as of: 05-SEP-2009
Contractor: Aero-Metrics, Inc.

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.

US Department of Agriculture
Farm Service Agency,
Aerial Photography Field Office
2222 West 2300 South,
Salt Lake City, UT 84119-2020
Tel: 801-844-2916,
Fax: 801-956-3640
Point of Contact: John Mootz
Email: john.mootz@slc.usda.gov
Website: www.apfo.usda.gov

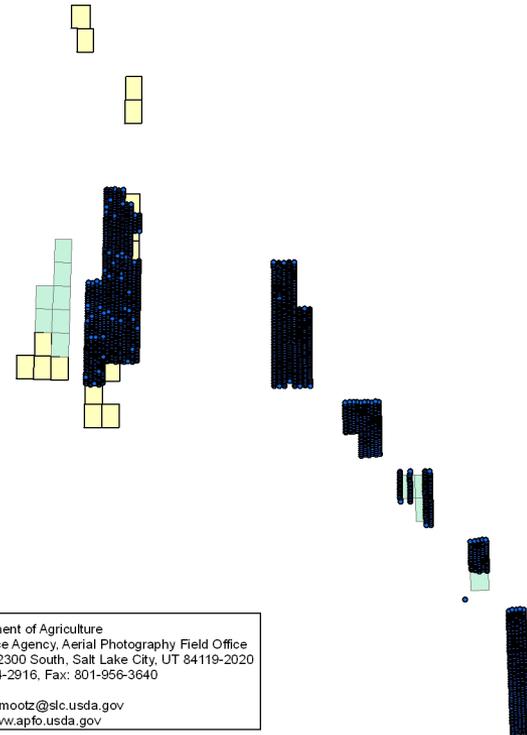


FS Region 10 Projects

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: AK-TO-6-09
Task Order 1: Tongass NF, AK, Area 1
Task Order 2: Tongass NF, AK Area 2
GSD: 30 cm (12 inch)
Sensor: DMC, 4-Band

Progress as of: 01-SEP-2009
Contractor: AERO-METRIC INC

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by APFO will be determined and
available at a later date.



US Department of Agriculture
Farm Service Agency, Aerial Photography Field Office
2222 West 2300 South, Salt Lake City, UT 84119-2020
Tel: 801-844-2916, Fax: 801-956-3640
John Mootz
Email: john.mootz@slc.usda.gov
Website: www.apfo.usda.gov

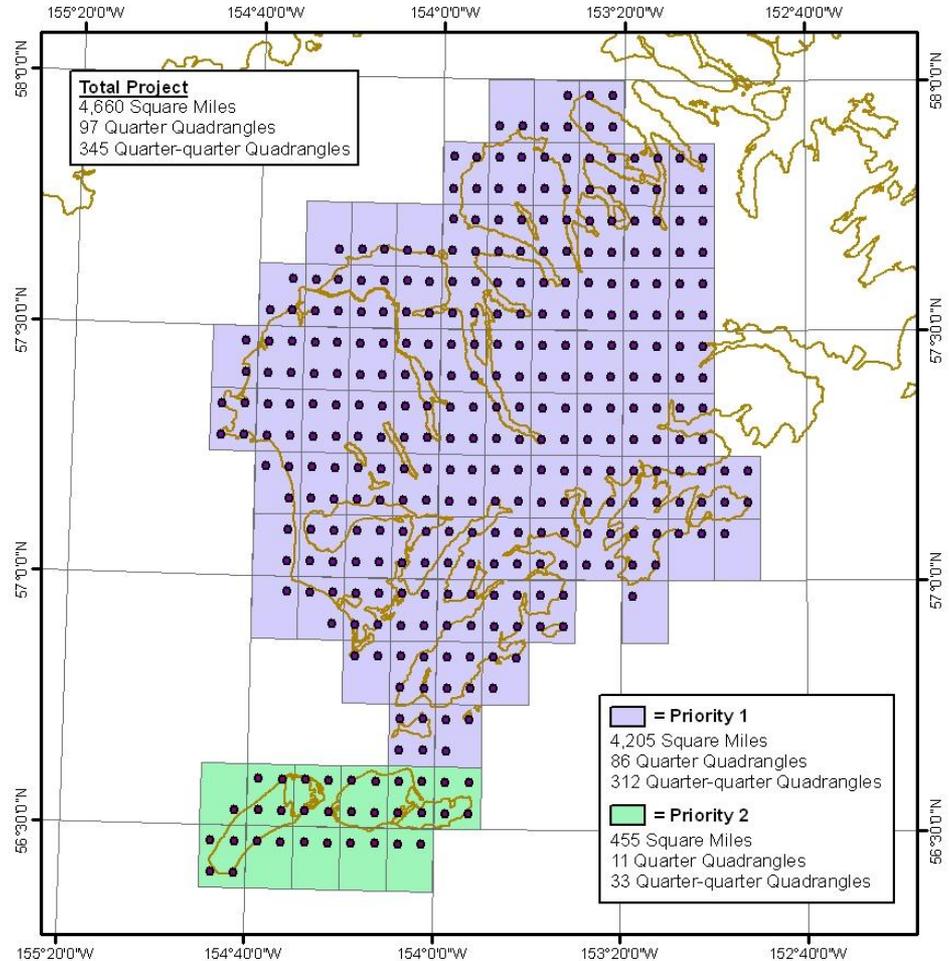


U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
TASK ORDER: AK-TO-6-09-3
Kodiak Island Borough,
ALASKA
GSD: 1 meter (39.4 inches) Qtr. Qtr. Quad Center
PROJECT IDENTIFICATION CODE: MLRA221

Kodiak Island Borough, Alaska

1 meter ortho from CIR film
Late award: Aug 12

Status:
100% flown
Pending receipt





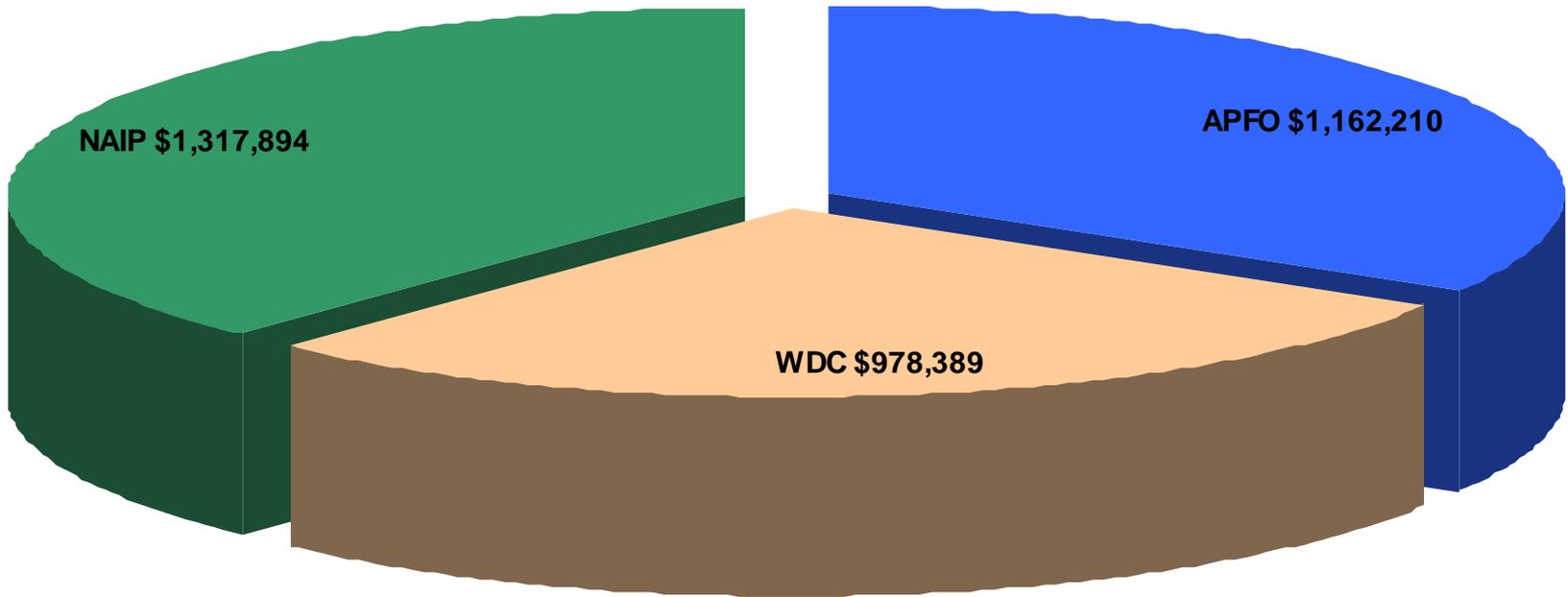
Computer Equipment, Maintenance & Supplies Contracts

APFO & Agency requirements	\$1,162,210.22
NAIP Support Requirements	\$1,317,894.21
Washington DC Requirements	\$ 978,388.51
Grand Total FY2009 Expenditures	\$3,458,492.94



Fiscal Year 2009 IT Contracts

Total Amount Awarded: \$3,458,493



■ APFO

■ WDC

■ NAIP

Questions?

