

National Digital Orthoimagery Program

FGDC Coordination Group Update

June 14, 2011



Outline

- Organization
- Meetings
- Status updates of programs
 - NAIP 1-meter Program
 - Urban Areas – High Resolution Program
- Technical Management Subgroup Projects
- Future

NDOP Organization

- NDOP officially became an FGDC Subcommittee in 2010
- Chair rotates yearly
 - Current Chair is Russ Jackson, BLM
- Member agencies: USDA: FSA, NRCS, FS; DOI: USGS, BLM; DHS: FEMA, DOC: NOAA, Census Bureau; NGA; NSGIC
- Three subgroups:
 - Acquisition Management Subgroup
 - Program Management Subgroup
 - Technical Management Subgroup



Meetings

- Steering Committee
 - November 16-18, 2010, in Moss Point, MS
 - May 10-11, 2011, in Denver, CO
- Technical Management Subgroup (meets jointly with the Inter-Agency Digital Imagery Working Group)
 - September 21-23, 2010, in Salt Lake City, UT
 - March 8-10, 2011, in St. Petersburg, FL

Program Update:

National Agriculture Imagery Program

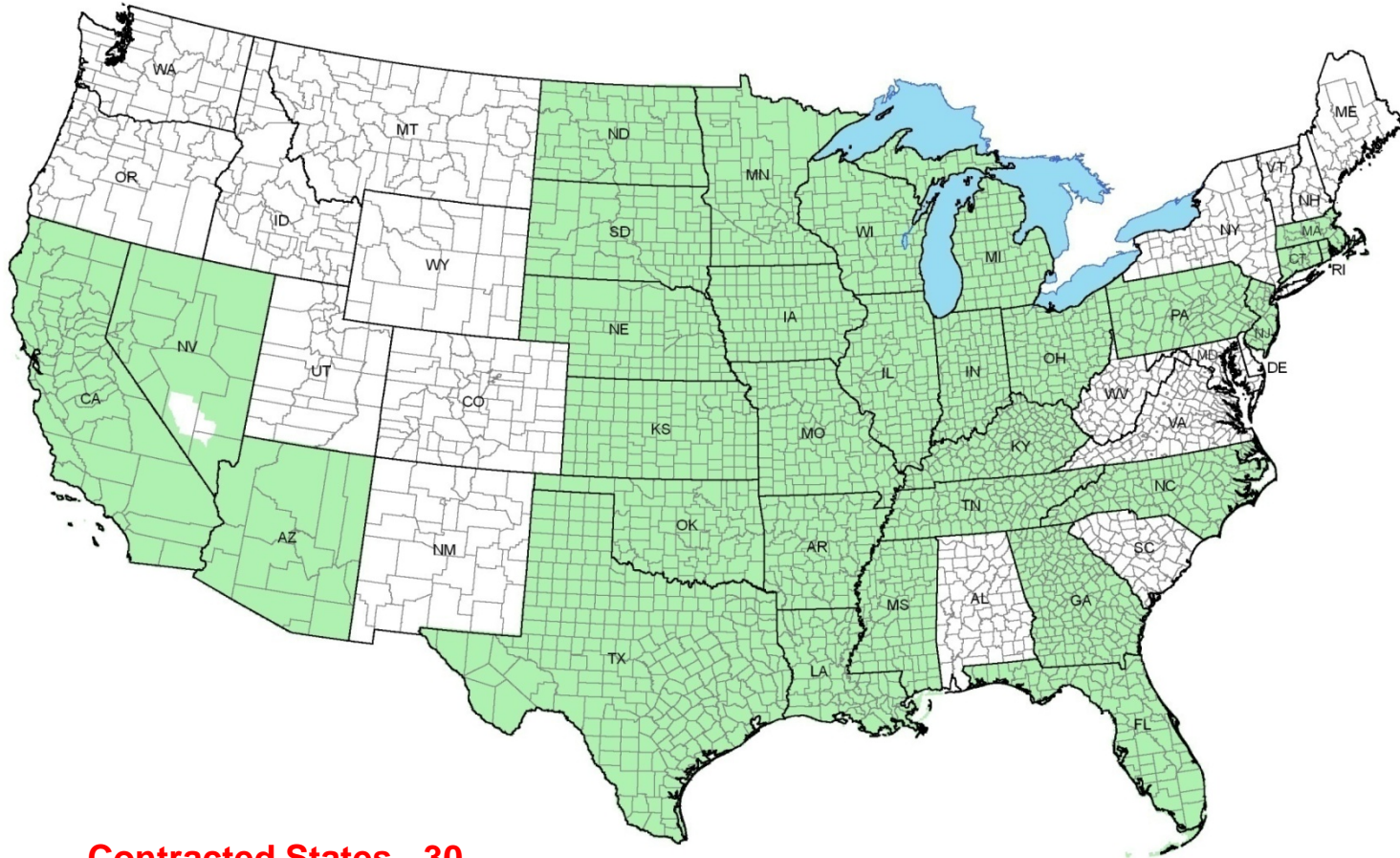
- Funded through USDA/FSA with contributions
 - DOI on the behalf of DOI agencies
 - USDA: USFS, NRCS
 - State buy-ups
- Three-year inter-agency agreement runs through FY2011
- FSA unlikely to be able to continue to fund NAIP at its present level, new inter-agency agreement imperative



Program Update: NAIP

- The NAIP product is a 1-meter resolution, natural color, leaf-on DOQQ as well as Compressed County Mosaic
- Currently - complete continental US coverage - no state imagery older than 2 years
- General movement away from analog cameras to digital imagery

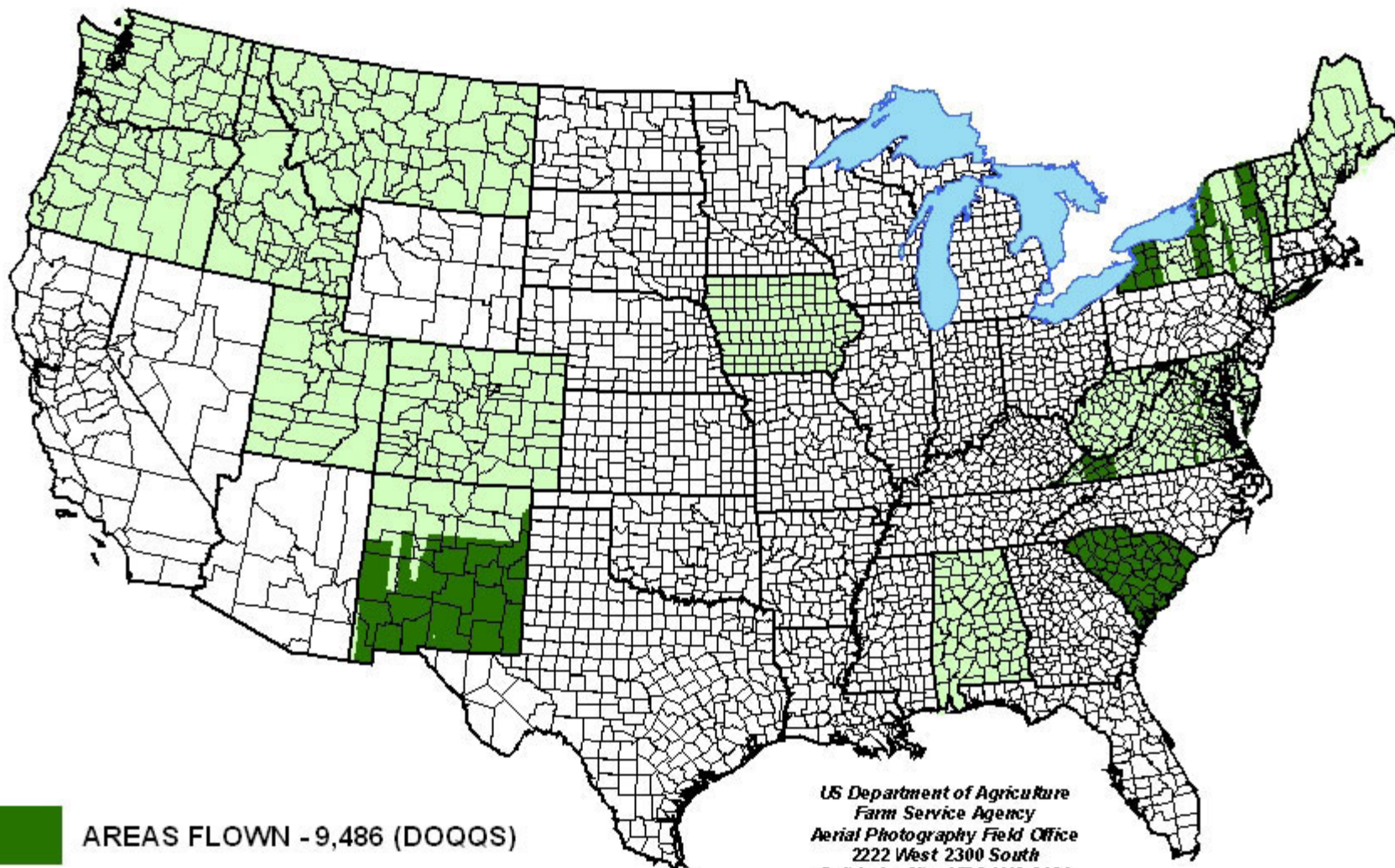
2010 NAIP Coverage



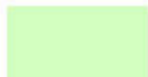
Contracted States - 30
Contracted DOQQs - 139,495

USDA-FSA-APFO

2011 NAIP IMAGERY STATUS



AREAS FLOWN - 9,486 (DOQQS)



AREAS CONTRACTED - 77,025 (DOQQS)

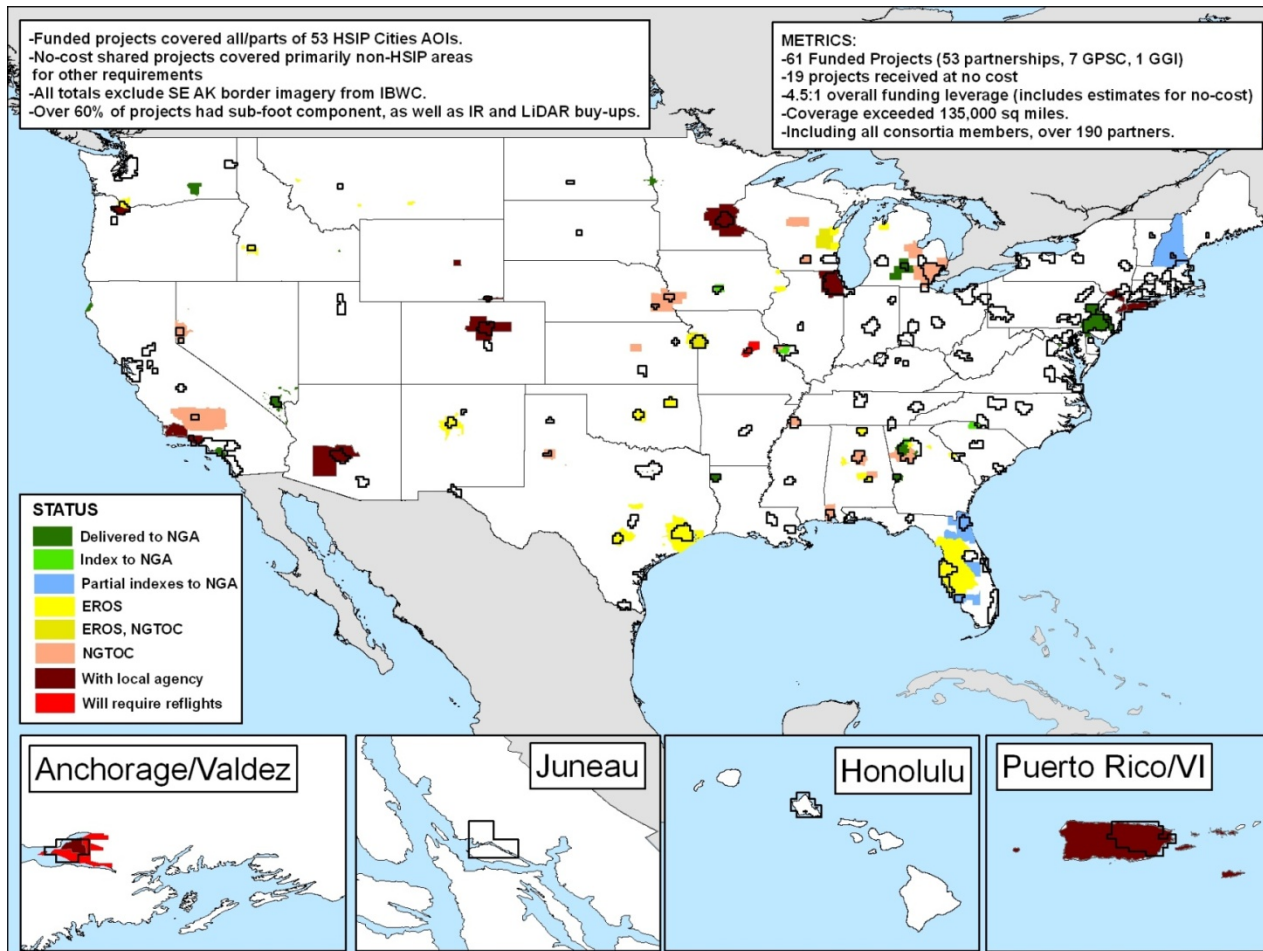
*US Department of Agriculture
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Program Update: Urban Areas

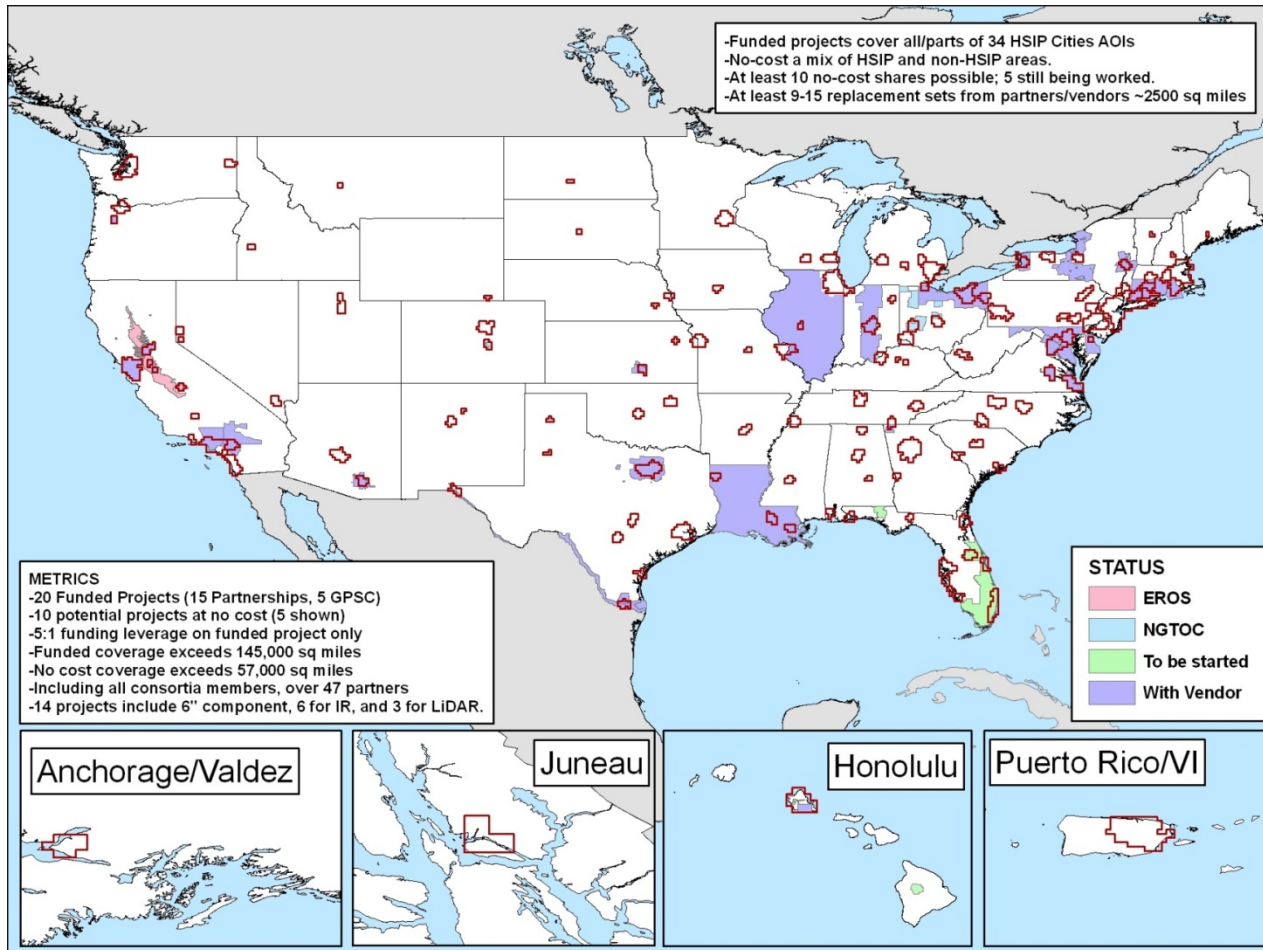
- Program sponsored by NGA in partnership with USGS
- 1-foot resolution, leaf-off imagery
- Hope to continue to maintain a 3-year refresh cycle for all of the urban areas with a 2-year cycle for the top 50 cities
- High resolution imagery is also flown for national special security events where NGA has been requested by lead federal agencies to provide support for those events



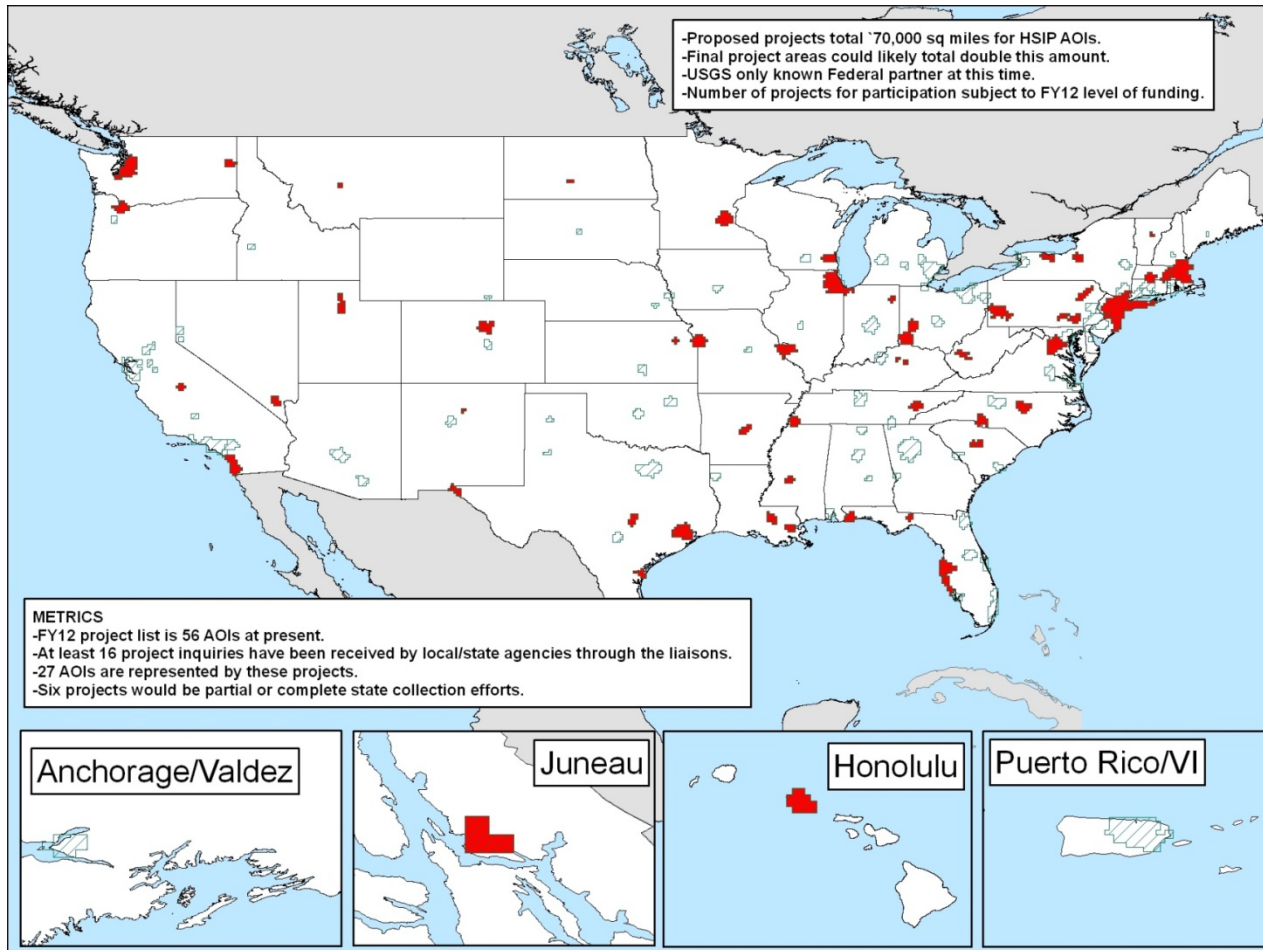
UA FY10 Imagery Project Status



UA FY11 Imagery Projects



UA FY 12 Proposed Imagery Projects



Technical Management Subgroup

- Investigated imagery related technical issues such as:
 - Color balancing – eg: issues with mosaicking
 - Horizontal and vertical accuracy testing
 - Compression issues – eg: quality issues with higher compression ratios
 - Pan-sharpening techniques
 - Analog camera calibration – USGS is currently evaluating their camera calibration lab
 - Ground Control Points – FSA has an extensive GPC collection and always appreciates the donation of additional points

Future Plans

- A new multi-year IDIQ (Indefinite Delivery/ Indefinite Quantity) NAIP contract is being established
 - contributions from more agencies is encouraged
- Project Management Subgroup meeting is planned in July to discuss a new inter-agency NAIP funding agreement
- Technical Management Subcommittee will likely meet in September in Salt Lake City, UT
- Steering Committee will meet in October - location yet to be determined

Questions?

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