

Address Subcommittee



March 8, 2017

1:00– 2:30 PM Eastern

U.S. Dept. of Transportation

Washington, DC

Meeting Agenda

1:00 Welcome and Meeting Goals

- Subcommittee Charter Update

1:05 NAD Federal User Requirements Workshop

- Pre-workshop Questionnaire Results
- Workshop Recap

1:30 NSGIC Mid-year Meeting Update

- Address Theme Activities
- Breakout Session

2:00 Potential Subgroups

- Subgroups Overview
- Potential Subgroups

2:30 Adjourn

Next Step: Edit and Finalize Charter

Theme Goals

- Define the Theme
- Establish a Charter for the Subcommittee
- Gather User Requirements
- Assess the Pilot Database
- Develop a Strategic Plan

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NAD Federal User Requirements Workshop Recap

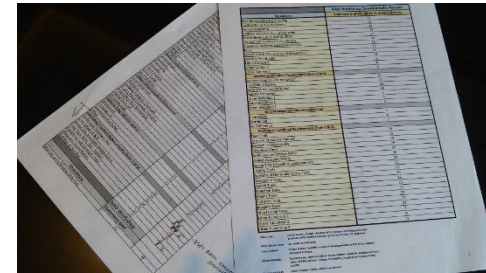
Pre-Workshop Questionnaire Results

Breakout Session Results

Workshop Process

❖ Pre-workshop questionnaire

- ❖ Content
- ❖ Metadata
- ❖ Functional



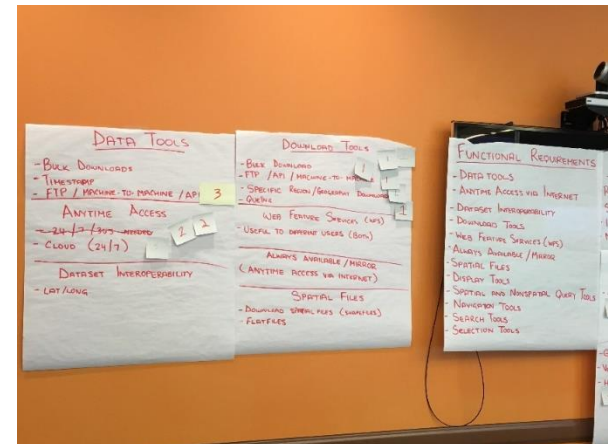
❖ Presentations

- ❖ Address theme management and NAD background
- ❖ Results from the questionnaire

❖ Breakout sessions

- ❖ Review questionnaire results
- ❖ Add requirements if necessary
- ❖ Prioritize requirements

❖ Summary of breakout sessions



NAD Federal User Requirements Workshop

NAD Pilot Minimum Content Guidelines

The Address Itself

- Address Number
- Street Name
- Subaddress
- City/Town/Place
- County
- State
- Zip

Geographic Location of the Address

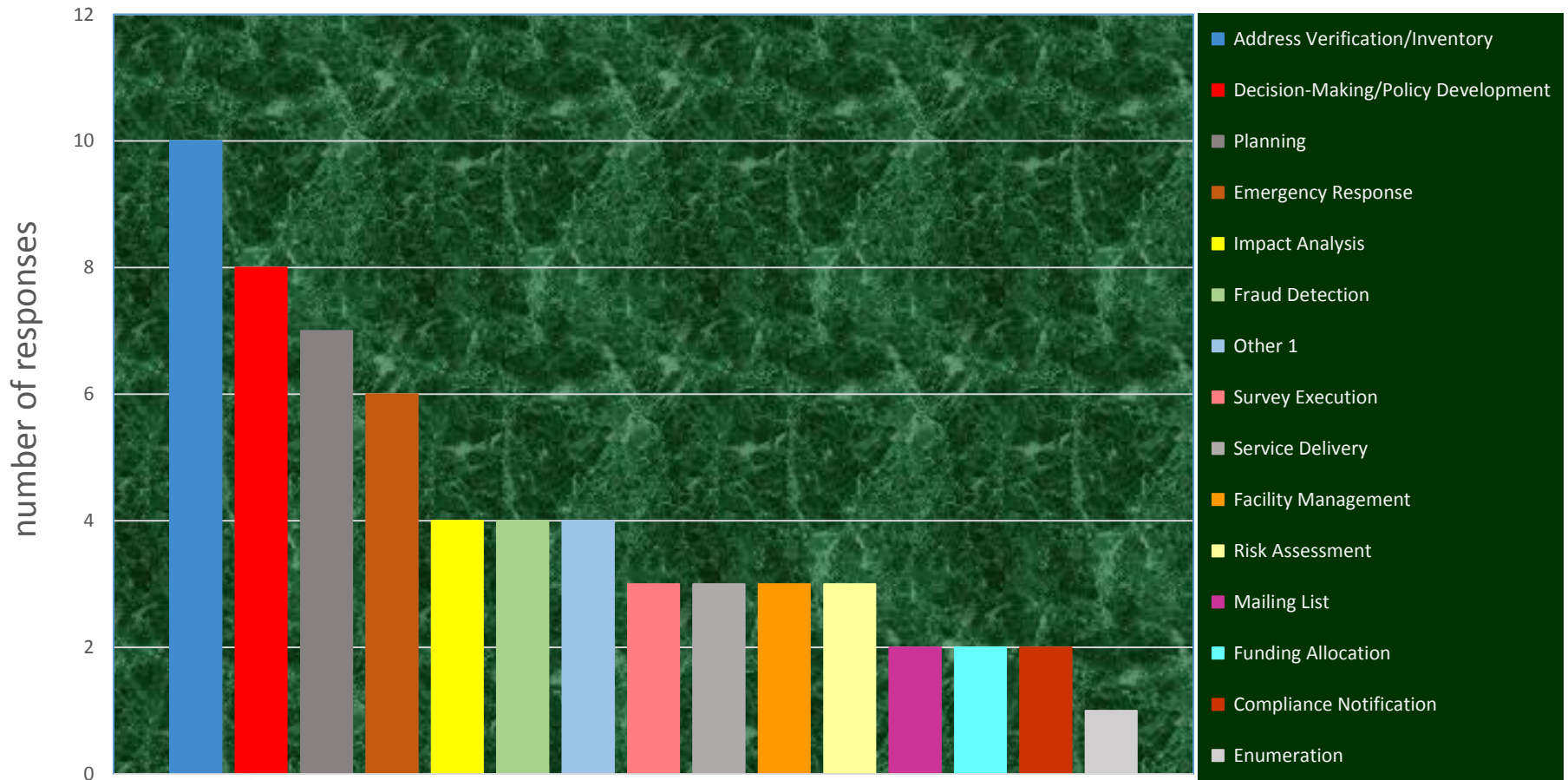
- Lat/Long
- National Grid Coordinates

Metadata About the Address

- Address authority
- Address source
- Address date
- Unique ID
- Type
(residential, commercial, etc.)
- Placement
(rooftop, driveway access, etc.)

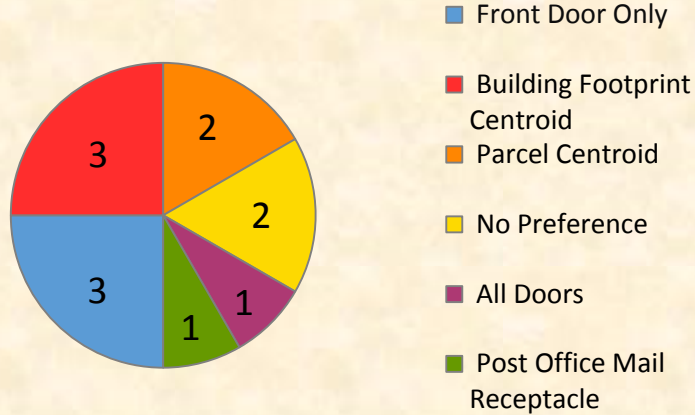
Pre-workshop Questionnaire Results

Federal Agency NAD Uses

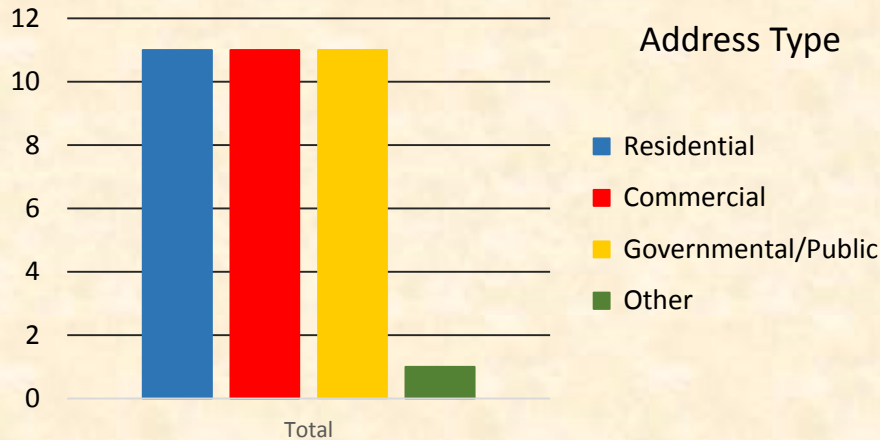
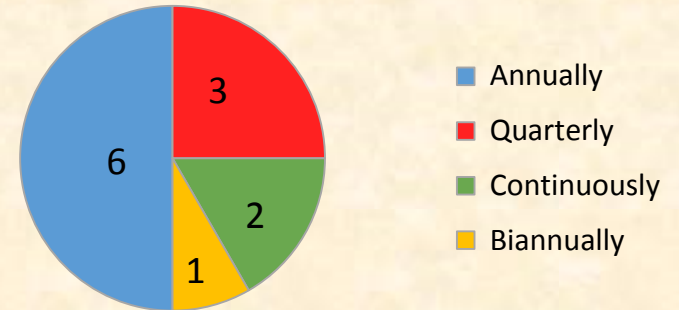


Pre-workshop Questionnaire Results

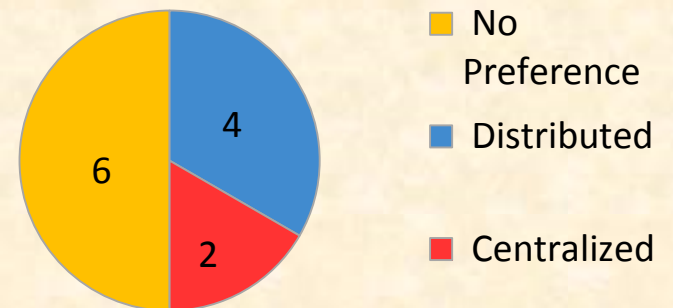
Address Point Location



Update Frequency

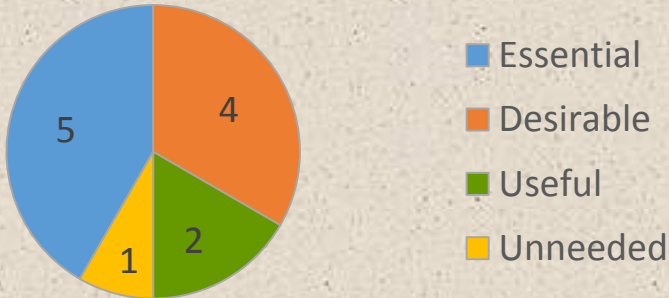


Data Management Model

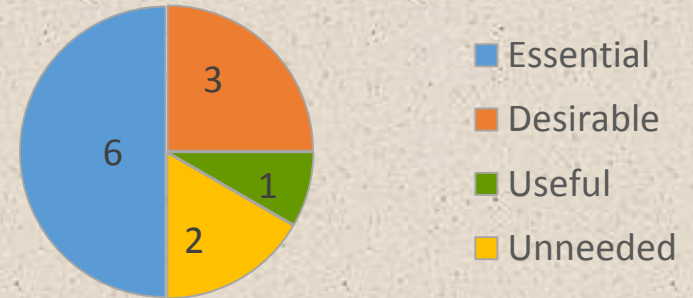


Questionnaire Results – Highest Content

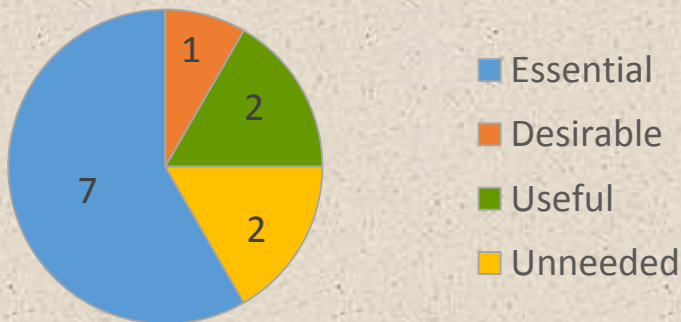
Multi Unit Structure Flag



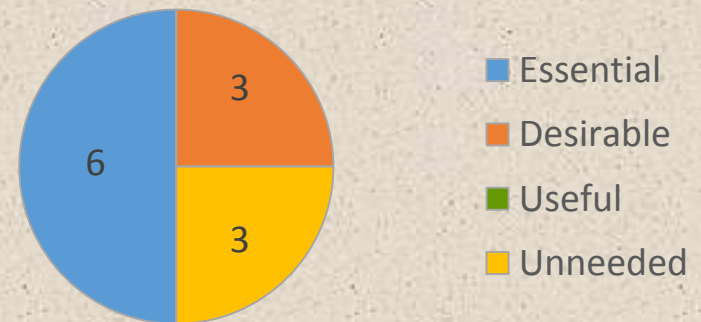
Unit Count at BSA



Postal City and State

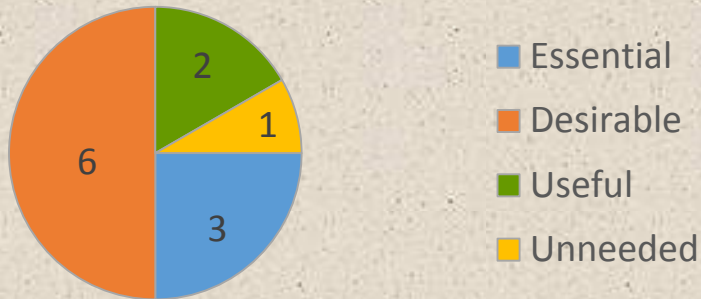


Unit Type

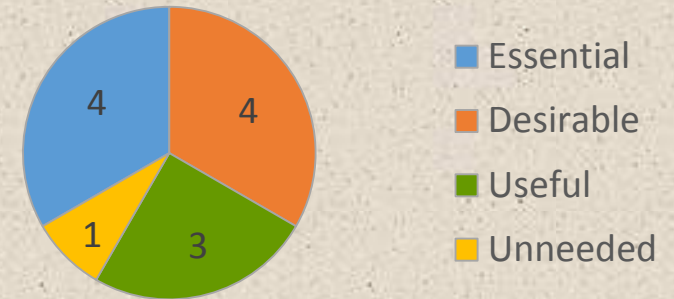


Questionnaire Results – Highest Content (cont)

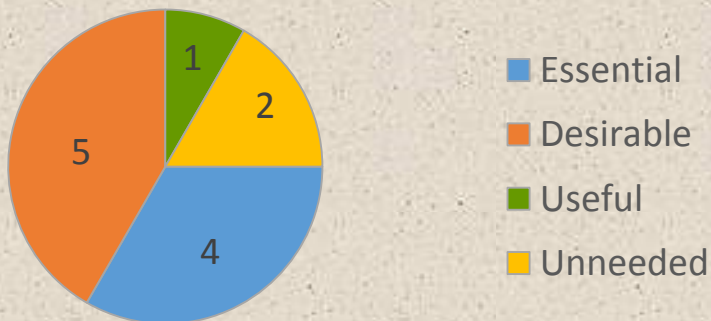
Facility / Group Quarters Type



Alternate Street Names

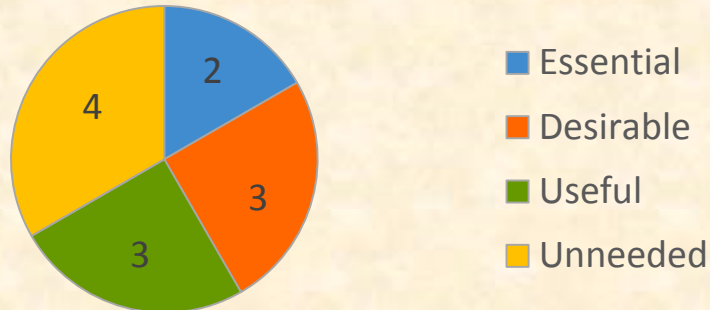


Building ID Number

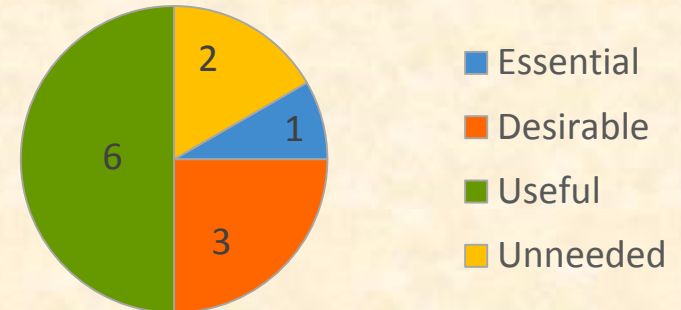


Questionnaire Results – Lowest Content

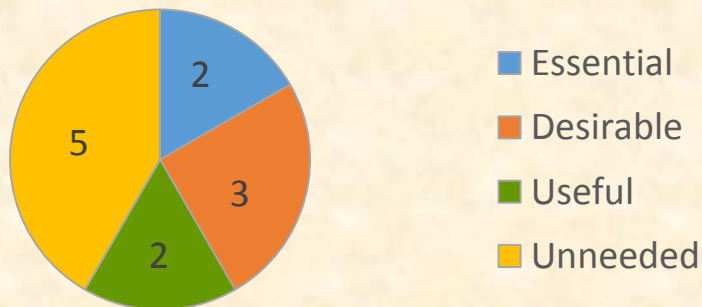
Congressional and State Legislative Districts



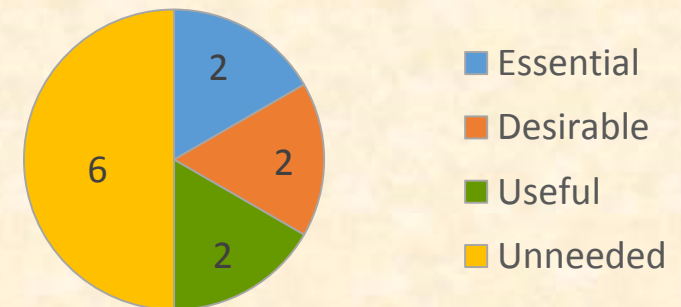
PLSS



Structure Built / Certificate of Occupancy

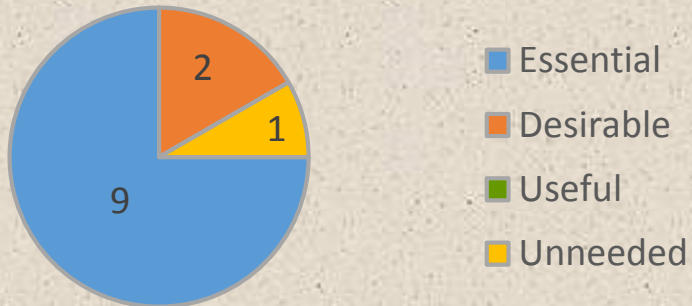


Building Permit Date

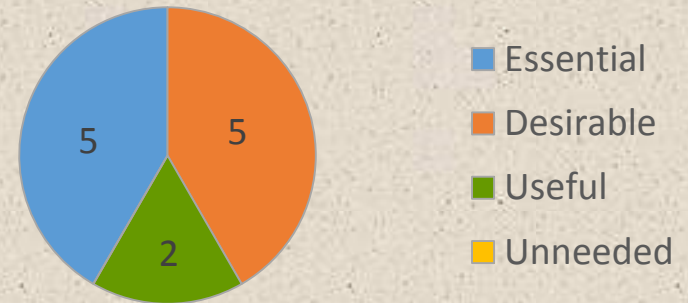


Questionnaire Results – Metadata

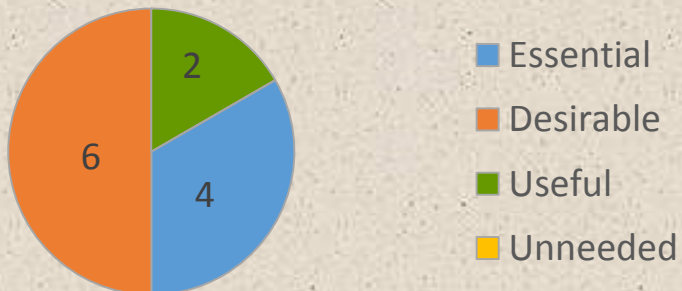
Address Point Coordinate System



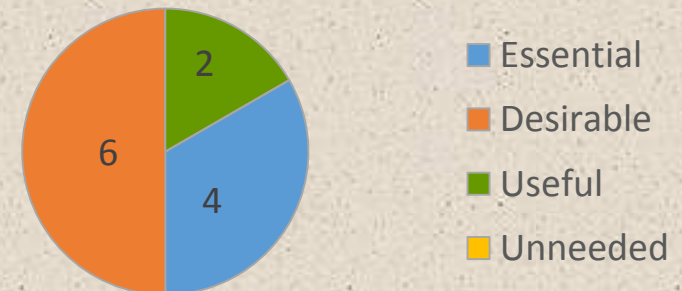
Indicator of Quality



Last Validated Date

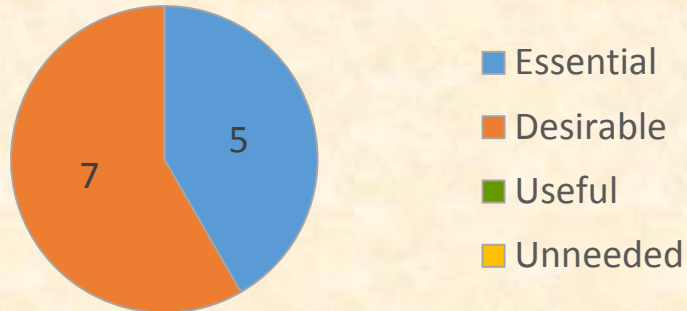


Update Frequency

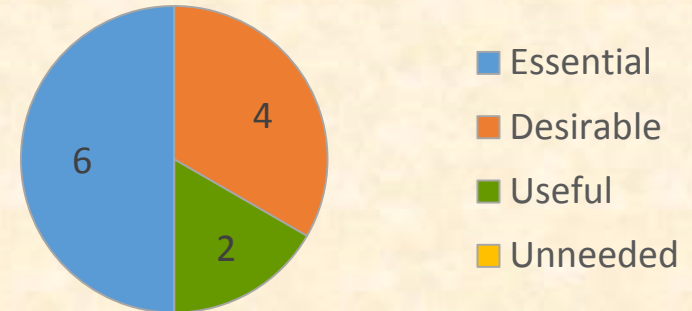


Questionnaire Results – Highest Functional

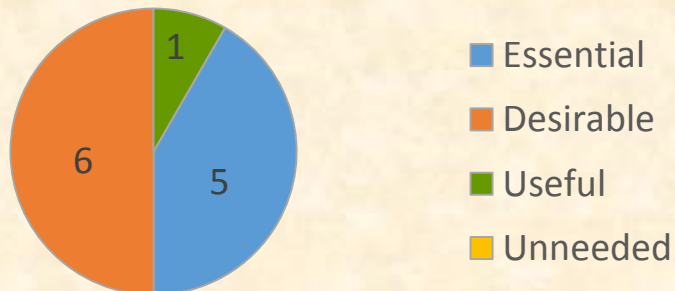
Data Tools



Anytime Access via Internet

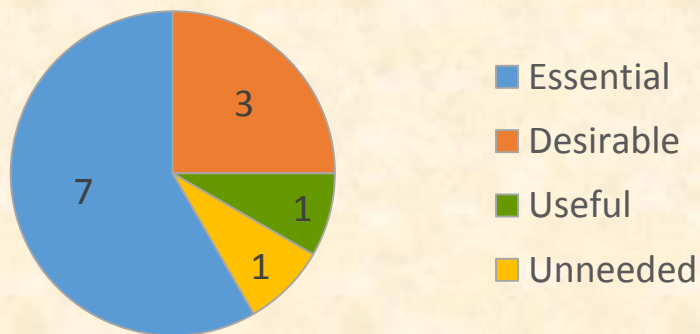


Dataset Interoperability

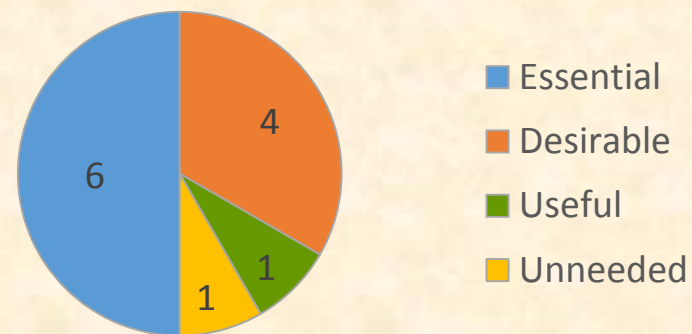


Questionnaire Results – Highest Functional (cont)

Download Tools

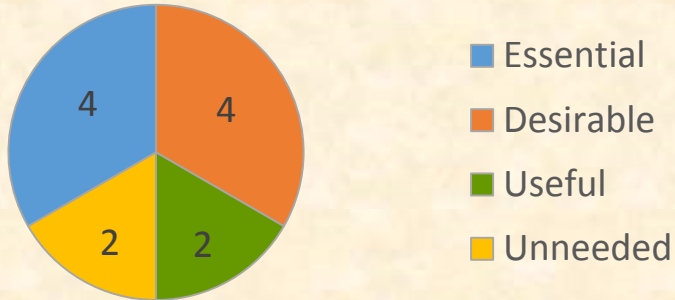


Web Feature Services

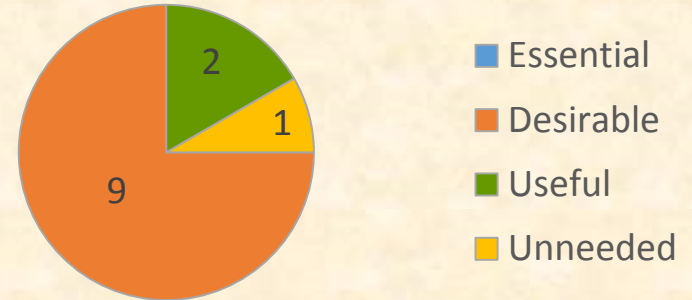


Questionnaire Results – Lowest Functional

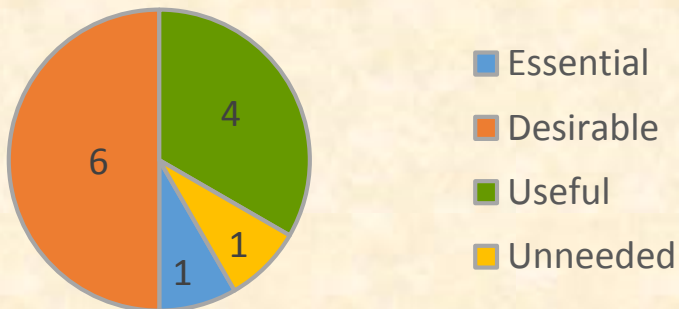
Report Tools



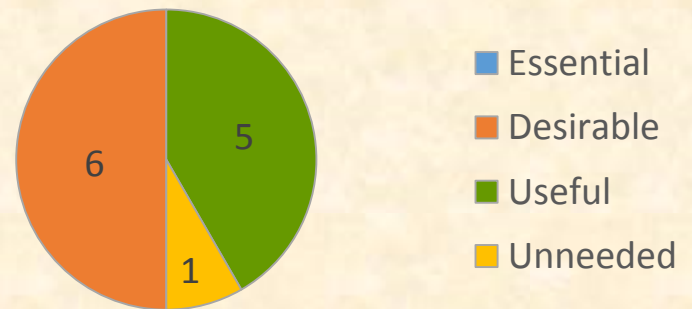
Statistics Tools



Imagery Tools



Map Format Tools



Content Requirements

- ❖ Key take-away points
 - ❖ NAD Pilot minimum content meets the needs of many of the participating Federal agencies
 - ❖ Federal agencies identified several additional requirements
- ❖ Top five additional content needs
 - ❖ Alternate street names
 - ❖ Unit type
 - ❖ Postal City/State Abbreviation
 - ❖ Multi-unit structure flag
 - ❖ Geocode confidence and accuracy

Metadata Requirements

- ❖ Key take-away
 - ❖ Top three needs are essential, remaining are desirable
- ❖ Top five metadata needs
 - ❖ Address coordinate reference system
 - ❖ Coordinate reference system authority
 - ❖ Indicator of quality
 - ❖ Unique IDs
 - ❖ Address lifecycle

Functional Requirements

- ❖ Key take-away points
 - ❖ Bulk download serves 90% of agencies needs
 - ❖ Functionality beyond tools on Geospatial Platform would be useful
- ❖ Top five functional needs
 - ❖ Feedback mechanisms
 - Error correction
 - Functionality development
 - ❖ Download tools such as subset download and queuing priority
 - ❖ Anytime access via cloud
 - ❖ Batch geocoding service
 - ❖ Ability to feed updates to classified systems

Topics for Further Discussion

- ❖ Overall workflow
 - ❖ Maintenance
- ❖ Quality
- ❖ Unique IDs
- ❖ Linkages to other datasets
 - ❖ Infrastructure points (manholes, fire hydrants)
 - ❖ Building footprints, parcels, etc.

NSGIC¹ Mid-year Meeting Re-cap

1. National States Geographic Information Council



NSGIC Mid-year Meeting

❖ NAD Breakout Session

- ❖ Metadata
- ❖ Database Completeness – polygon layer?
- ❖ Unique ID

❖ Address-Transportation / NG911 Joint Committee Meeting

- ❖ Stay up to date on NENA activities

Subcommittee Subgroups

Subgroups Overview

- ❖ FGDC Subcommittee chairs can create subgroups lasting **up to 1 year**
- ❖ Subgroups lasting more than 1 year require approval from the **FGDC Coordination Group**
- ❖ Participation can include both **Members and Partners** with voting limited to Members

Subgroups

❖ Potential Subgroups

- ❖ Unique ID
- ❖ Data Quality
- ❖ Linkages to External Datasets
- ❖ Others?

Next Steps

- ❖ Finalize Subcommittee Charter
- ❖ Report of workshop findings and recommendations
- ❖ Agenda item suggestions?

Thank You

**NEXT MEETING: Thursday, April 13th
1:00-2:30 pm Eastern
Census HQ, Suitland, MD**



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