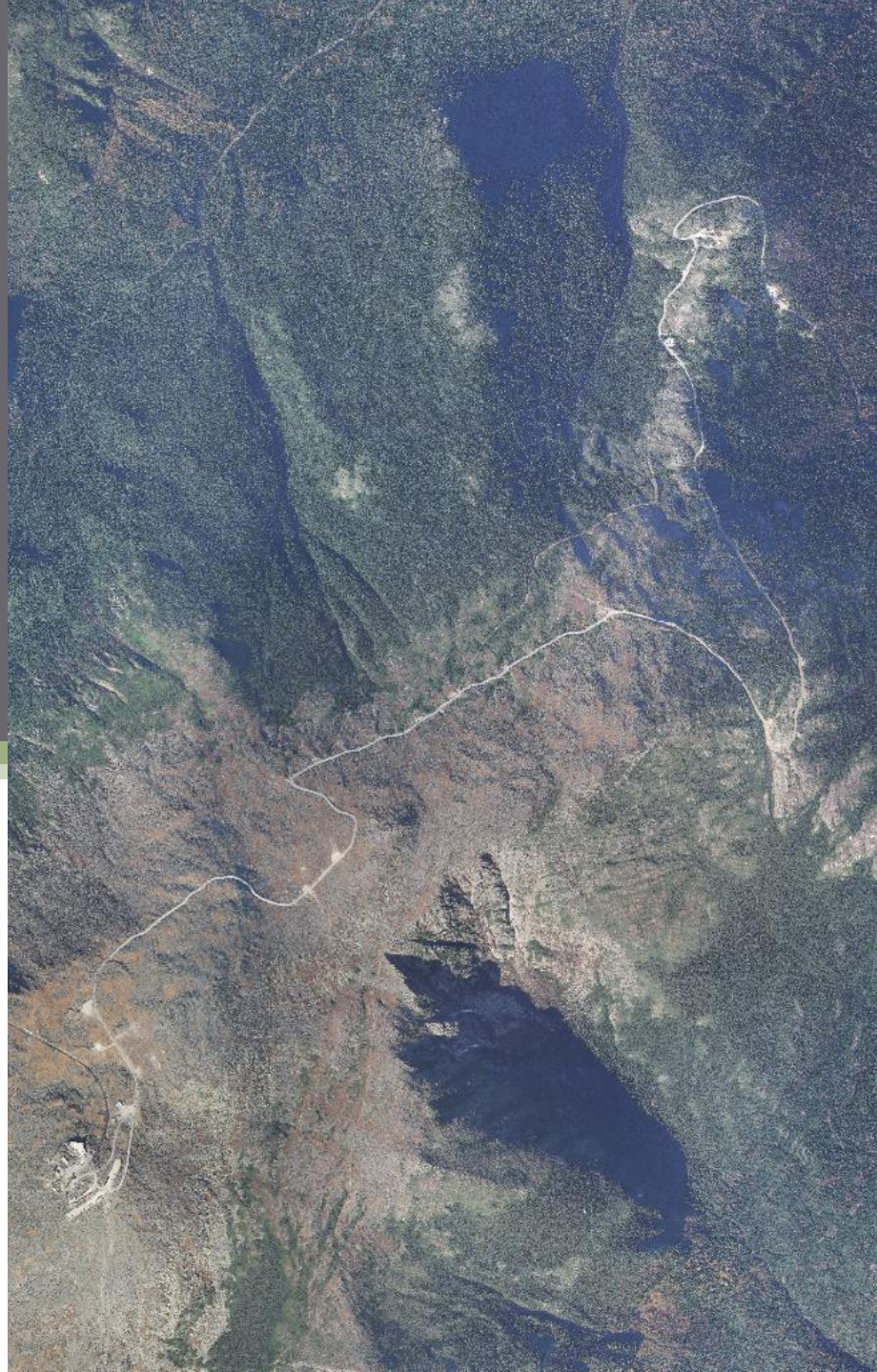


# New Hampshire Statewide Aerial Imagery Needs Assessment: Preliminary Results

2018  
NH GIS Advisory Committee  
NH GTAC Task Force  
NH GRANIT



# Project Overview

- NH GIS Technical Advisory Committee (GTAC) charged with the development of a plan for regular acquisition of statewide base map imagery
- First project funded under HB377
- Funding provided to NH GRANIT to coordinate effort
- Approved by G&C 4/11/2018

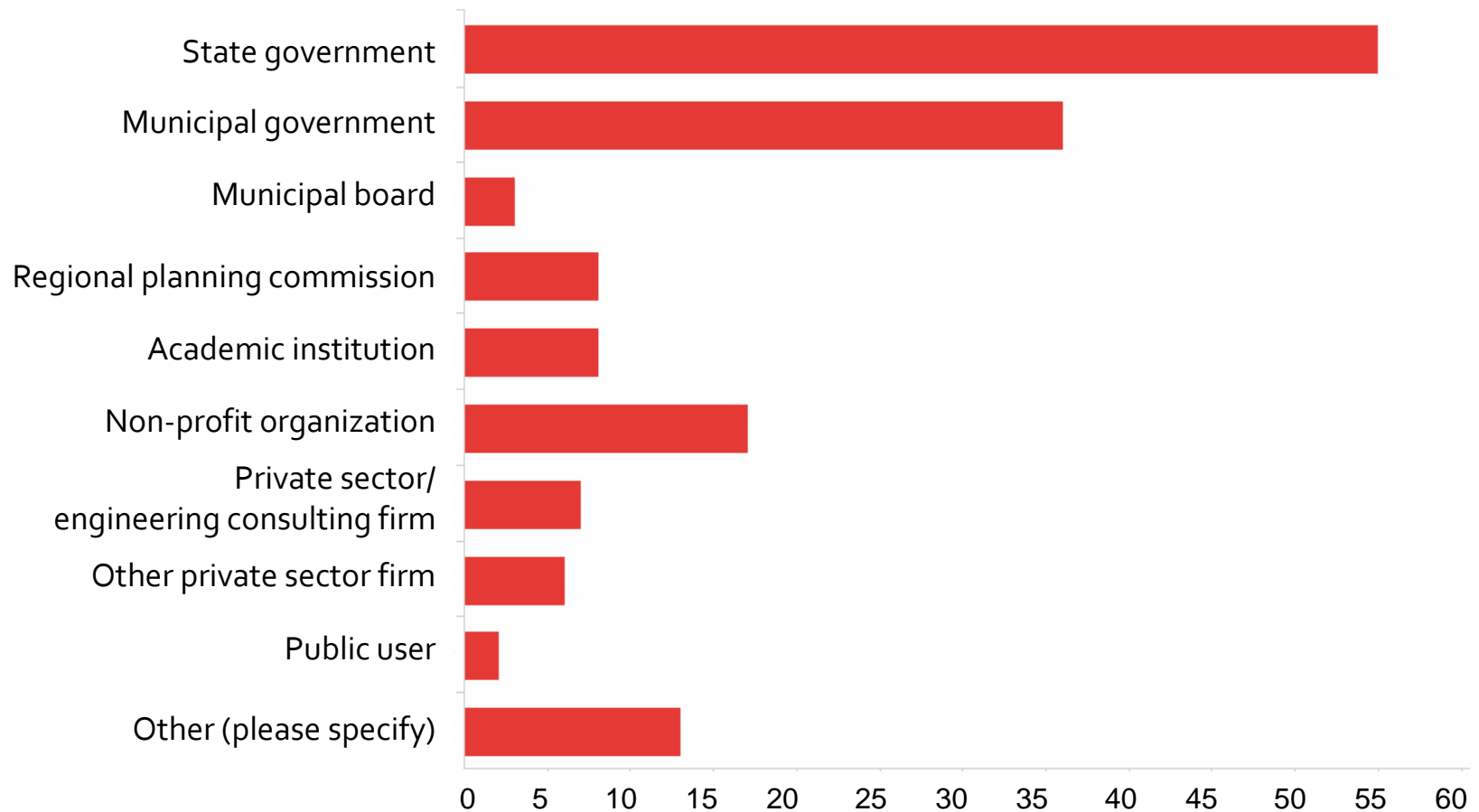
# Imagery Needs Assessment Process

- User Input Sessions:
  - July 24, 2018 – Plymouth
  - July 31, 2018 – Nashua
  - August 1, 2018 – Concord
  - August 23, 2018 – Portsmouth
- Online Survey:
  - Survey open from July 3 through August 31
  - Announcement emails sent in early July (7/3), with follow-up reminders in mid-July (7/16) and mid-August (8/16)
  - Announcements via NH Municipal Association newsletter on 7/3 and 7/18

# Current Status

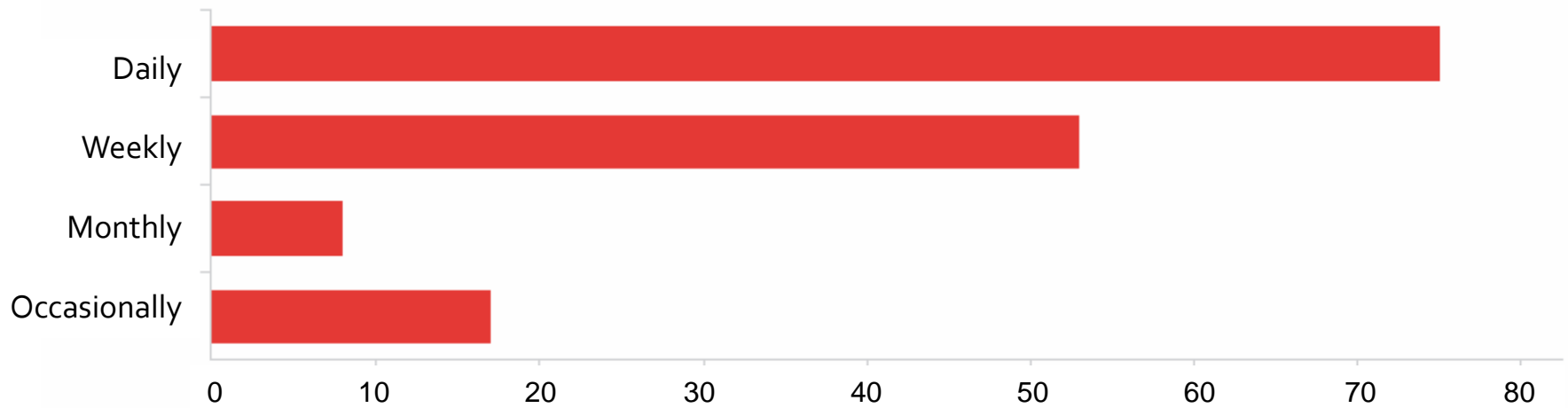
- Four user input sessions convened. Total participants: ~40
- Online survey responses: 155
- Results now being compiled

# Preliminary Results: Primary Organizational Affiliation



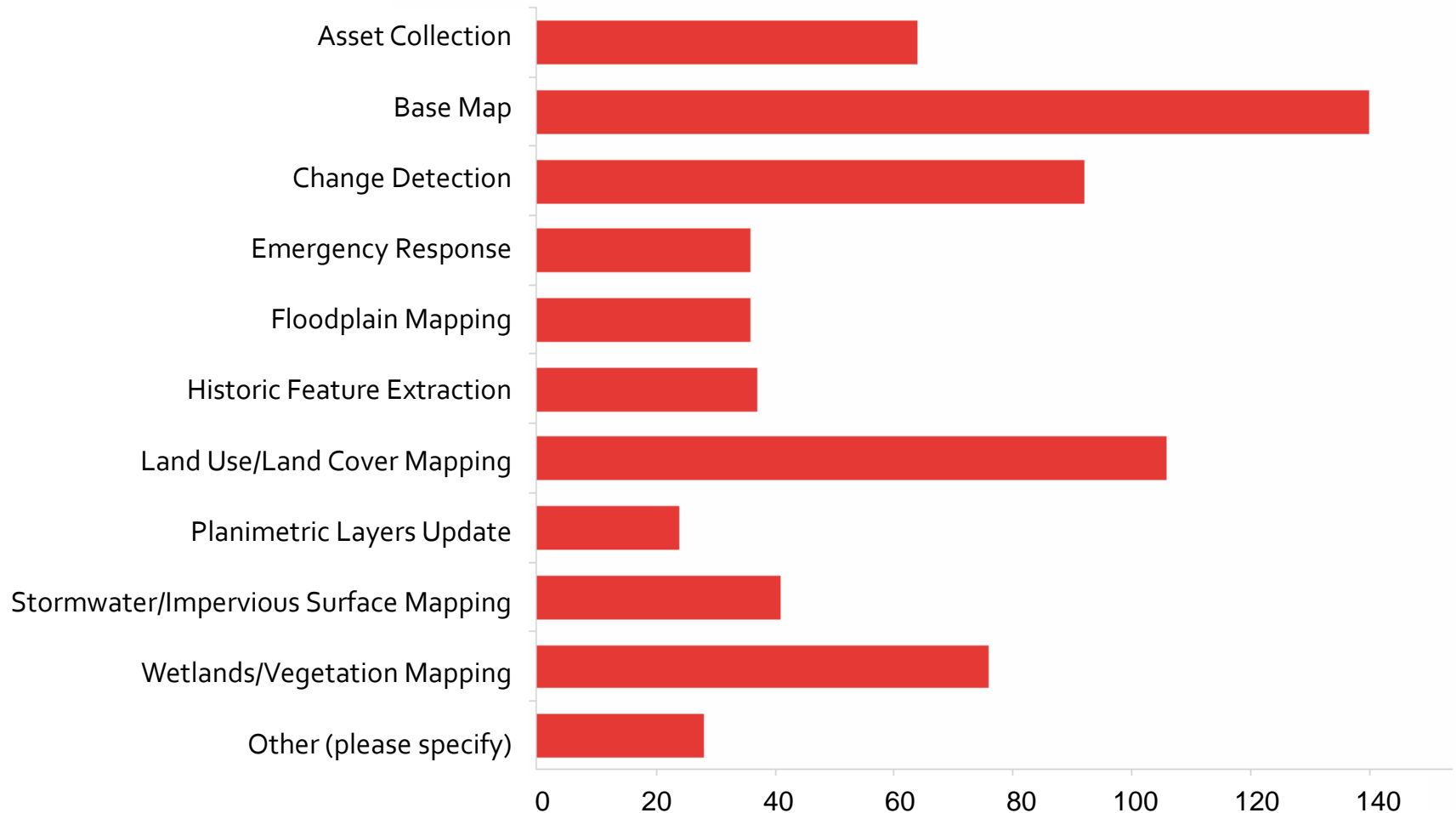
n=155

# Preliminary Results: Frequency of Use



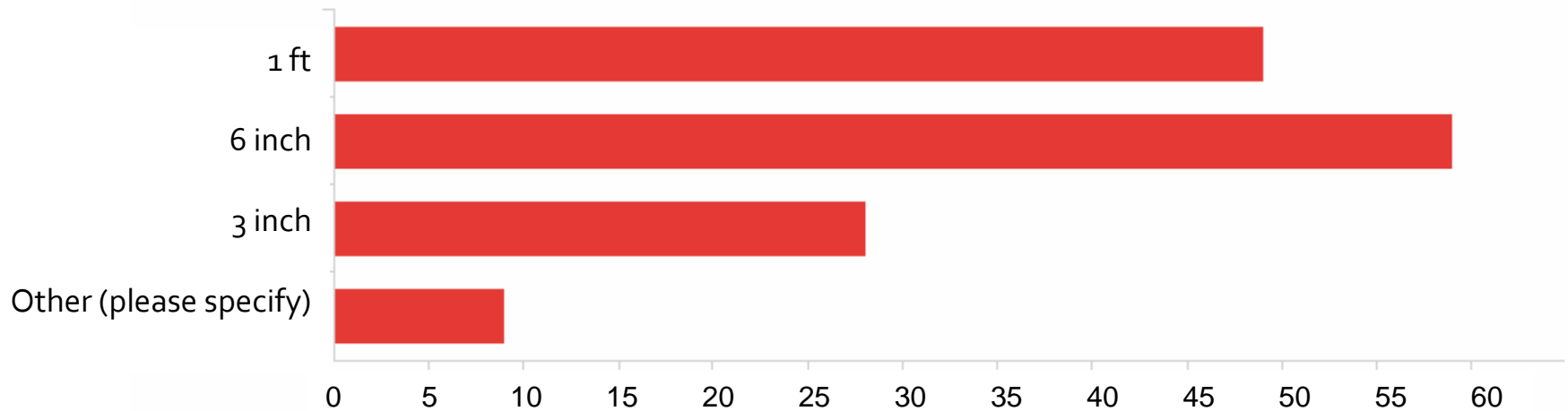
n=155

# Preliminary Results: Current Use Cases



n=155

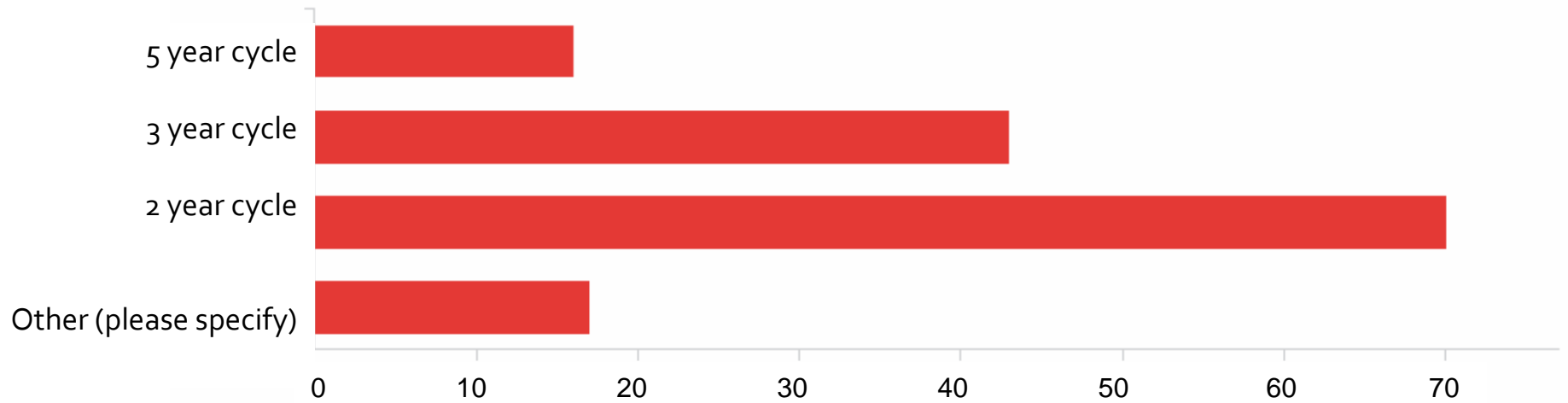
# Preliminary Results: Optimal Resolution/GSD



n=155

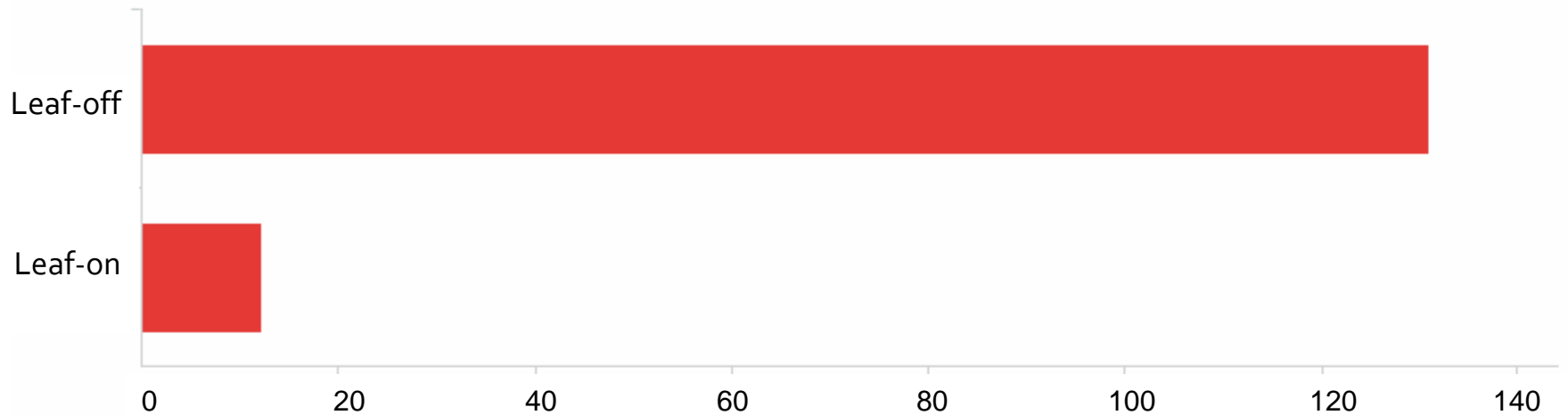


# Preliminary Results: Collection Frequency



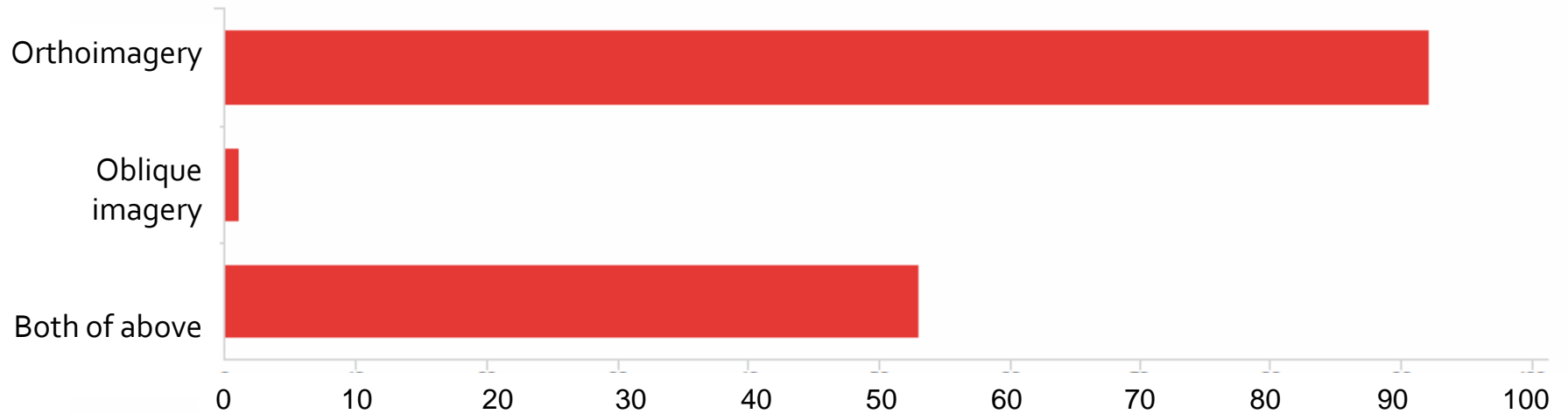
n=155

# Preliminary Results: Collection Time



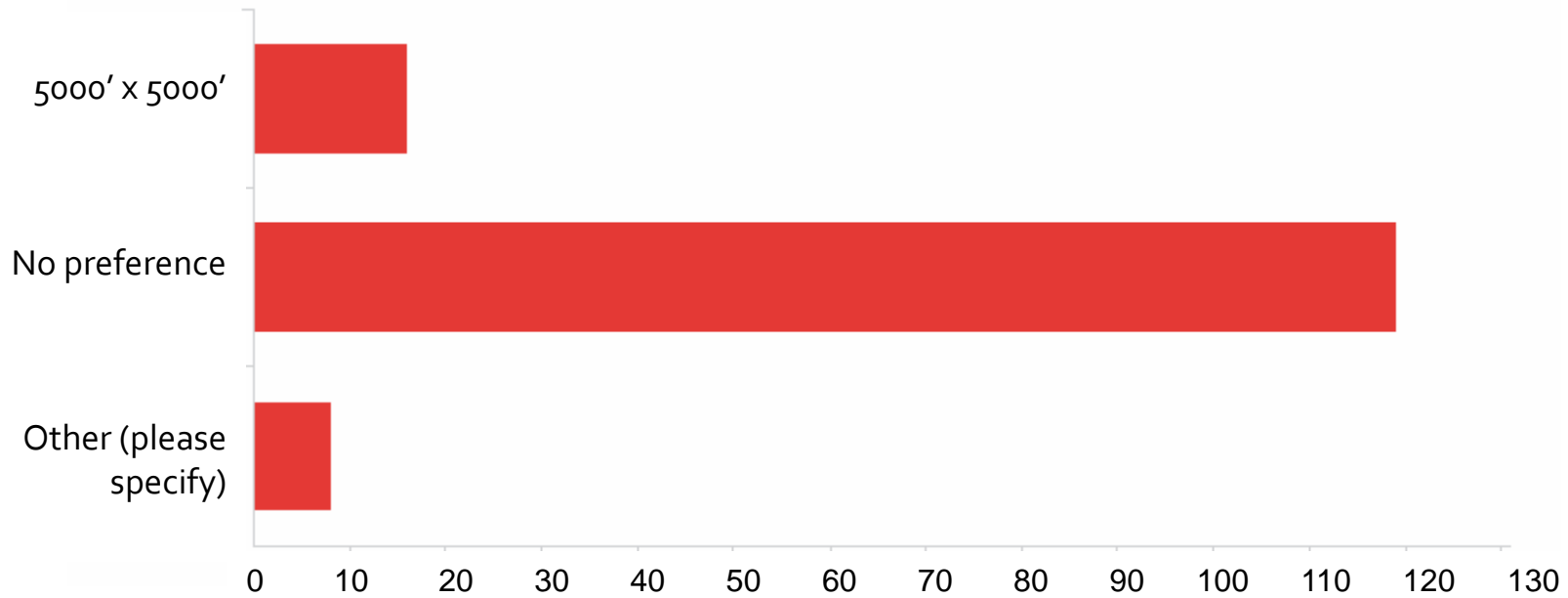
n=155

# Preliminary Results: Perspective



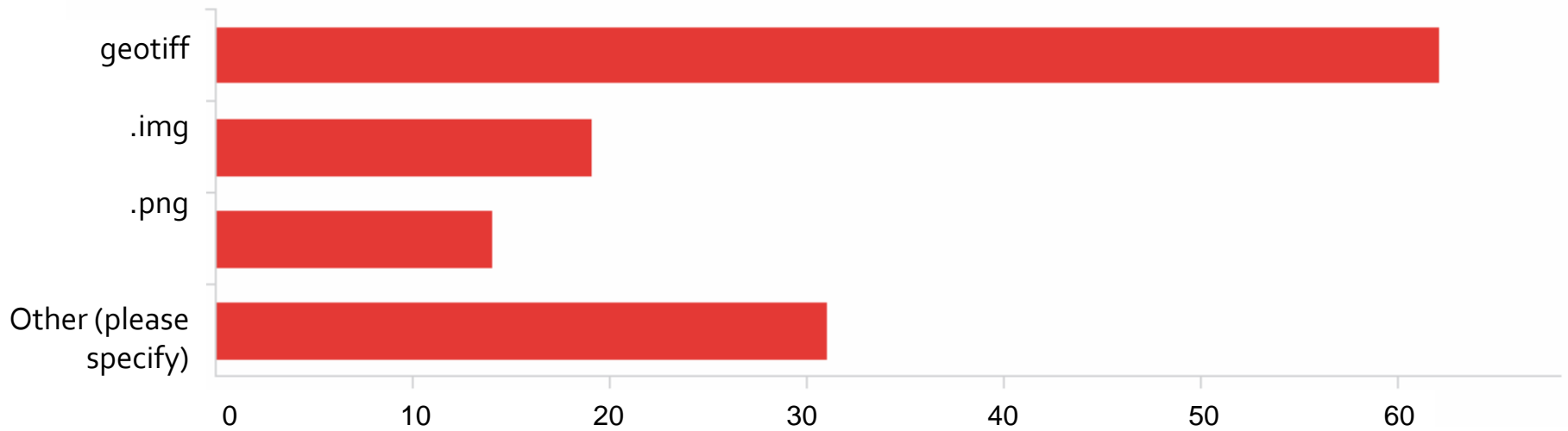
n=155

# Preliminary Results: Preferred Tile Size



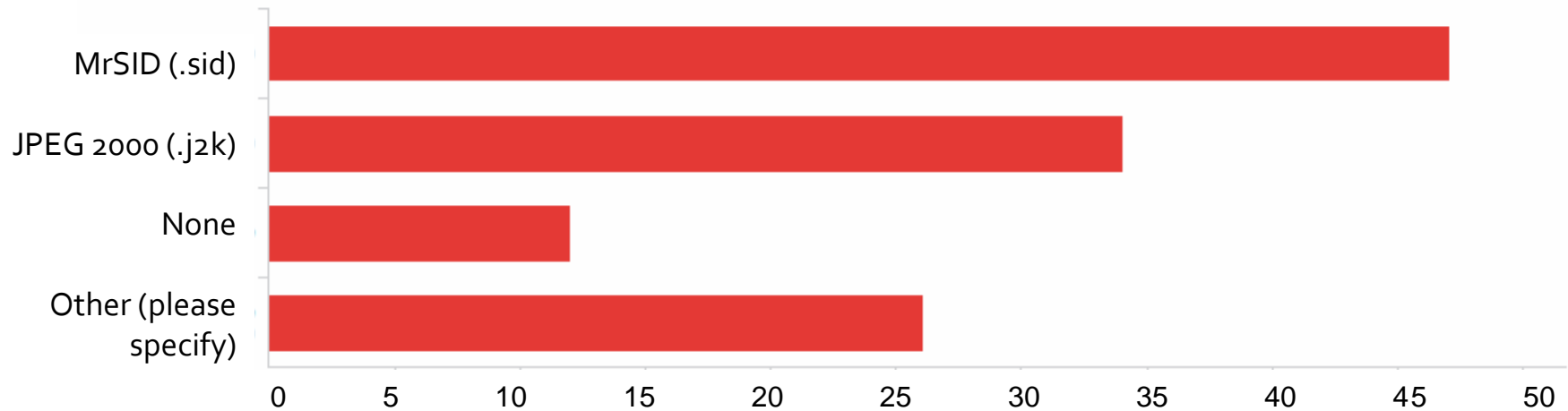
n=155

# Preliminary Results: File Format



n=155

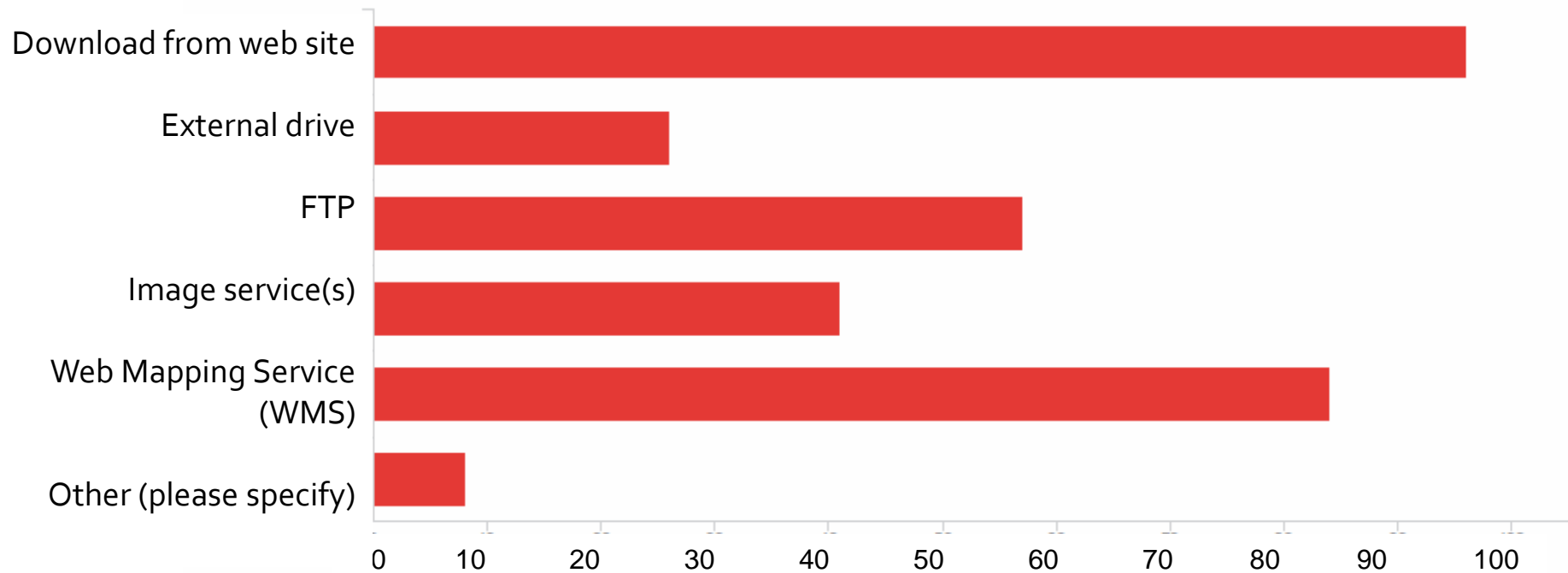
# Preliminary Results: File Compression Format



n=155

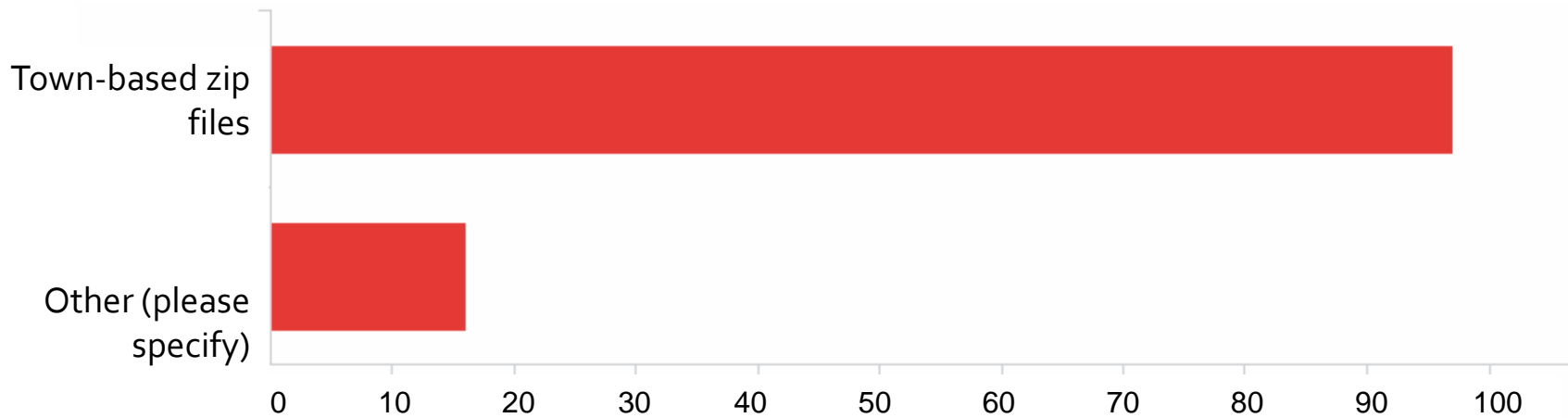
# Preliminary Results:

## Access Methods (select all that apply)



n=155

# Preliminary Results: Additional Packaging Options



## Comments

- RPC regional files
- County files
- Town-based but clipped to town boundary so no tile overlap

n=155



# Preliminary Results – Survey (n=155)

Derivative products:

- Contours
- Land use
- Impervious surfaces

# Next Steps

- Review summary draft with working group members
- Develop list of vendor/technology/licensing options
- Work with GTAC working group on potential funding model(s)
- Project end date estimated late Fall/Winter 2018