

# The ASPRS Remote Sensing Industry Forecast

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## Phase II & III Digital Sensor Compilation

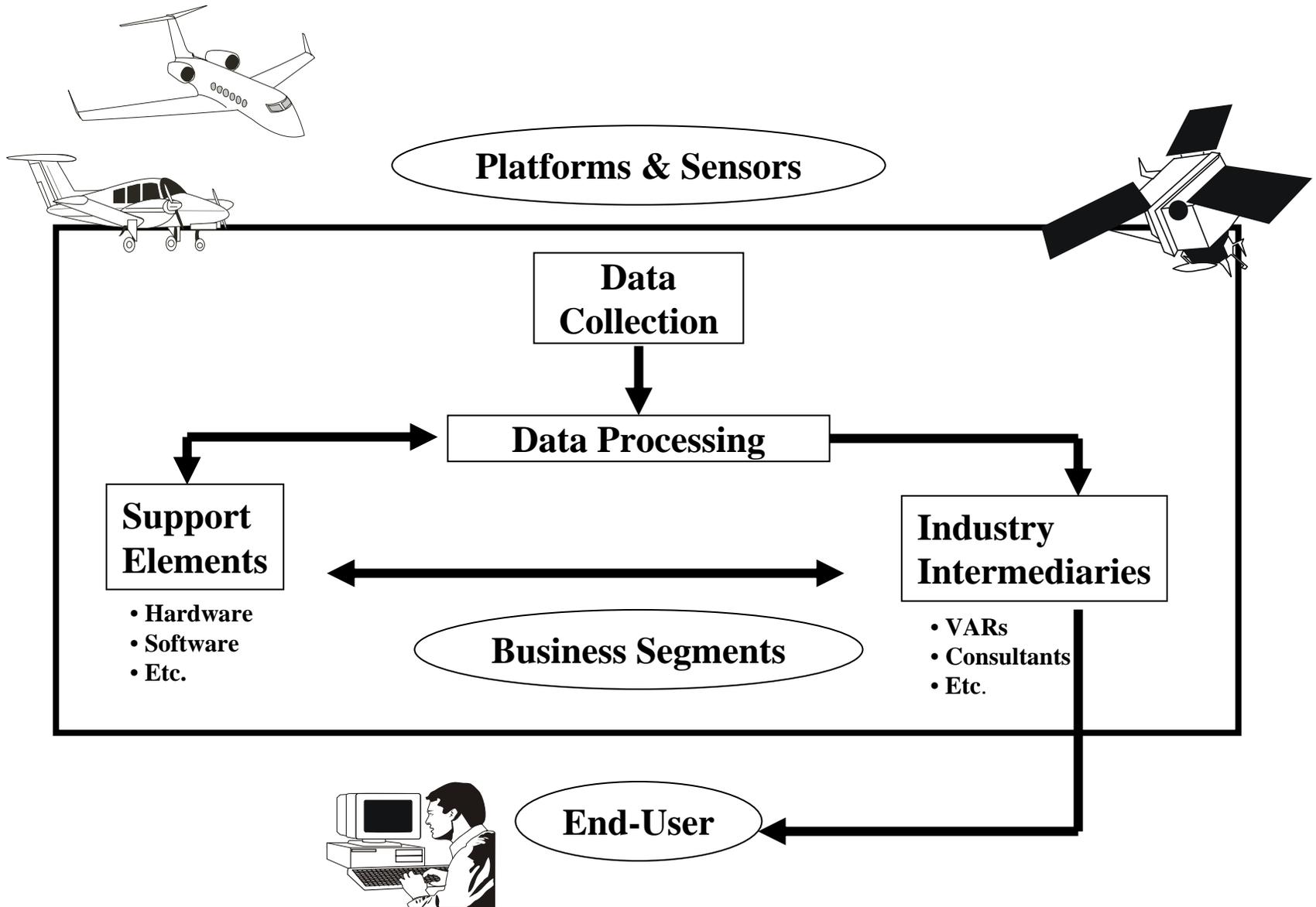
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March 14, 2006

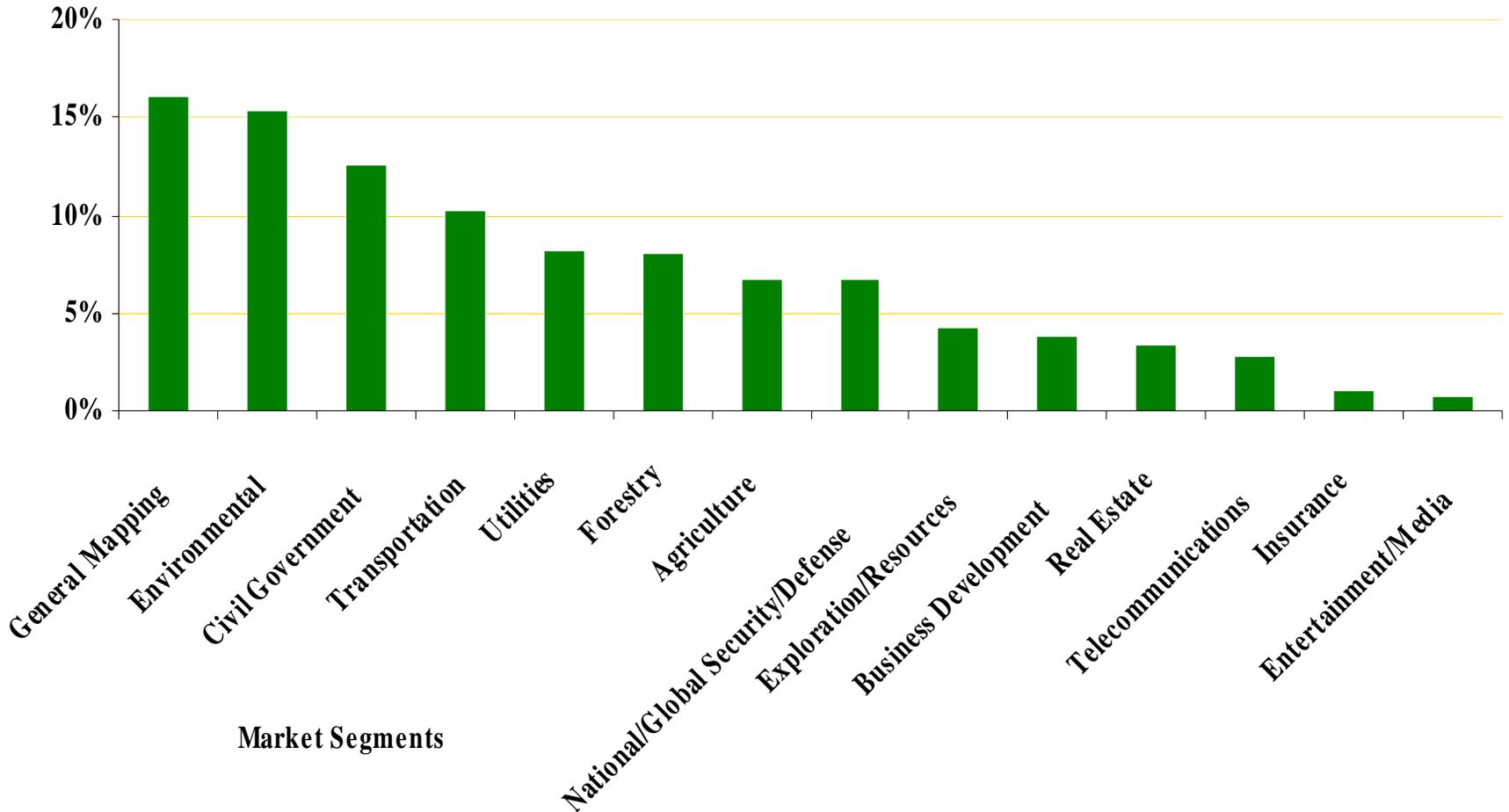
# Background

- In August 1999, ASPRS and NASA's (then) Commercial Remote Sensing Program (CRSP) entered into a 5-year Space Act Agreement (SAA), combining resources and expertise to:
  - Baseline the Remote Sensing Industry (RSI) based on GEIA Model
  - Develop a 10-Year RSI market forecast and attendant processes
  - Provide improved information for decision makers
    - RSI Companies
      - Management
      - Business Development
    - Market Influences
      - Investors
      - Political Supporters

# Remote Sensing Industry

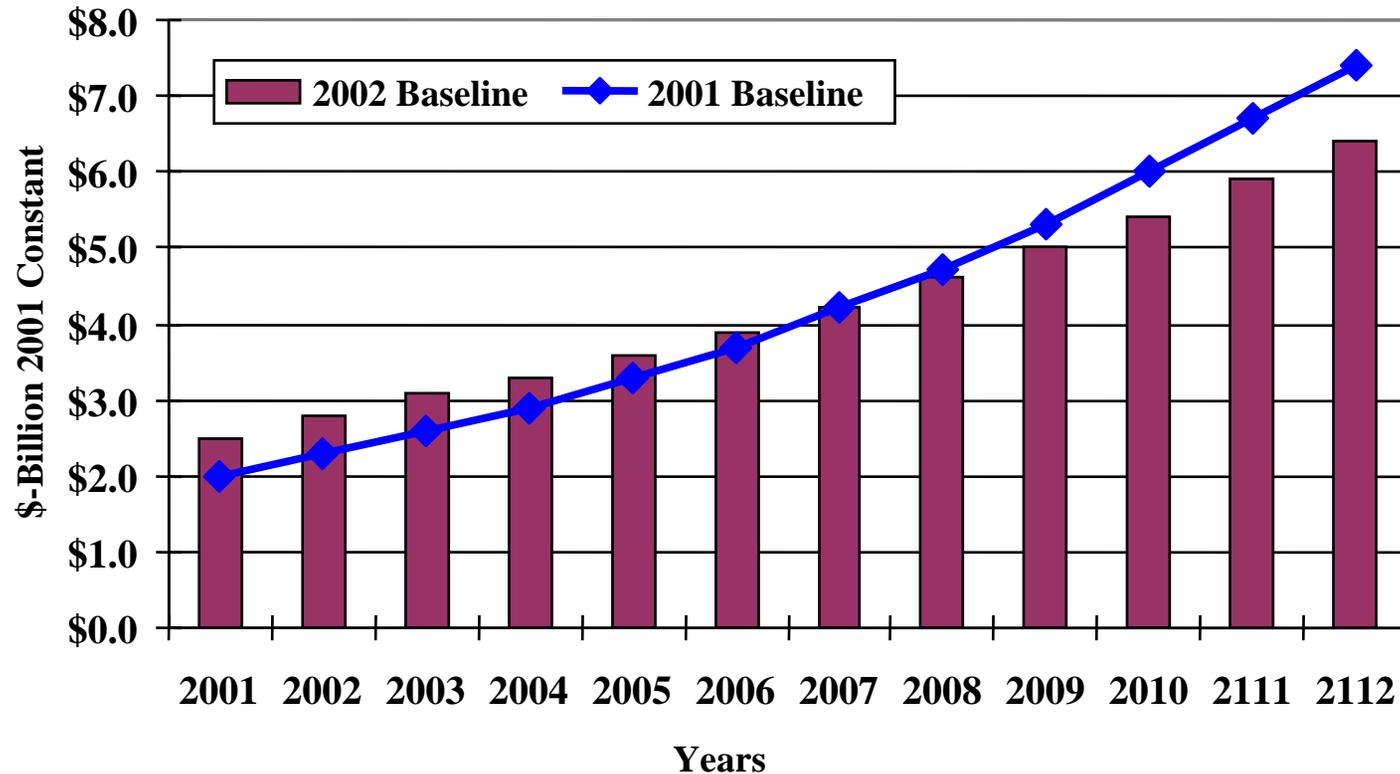


# Organizational Focus on Market Segments



# 2002 Baseline Forecast

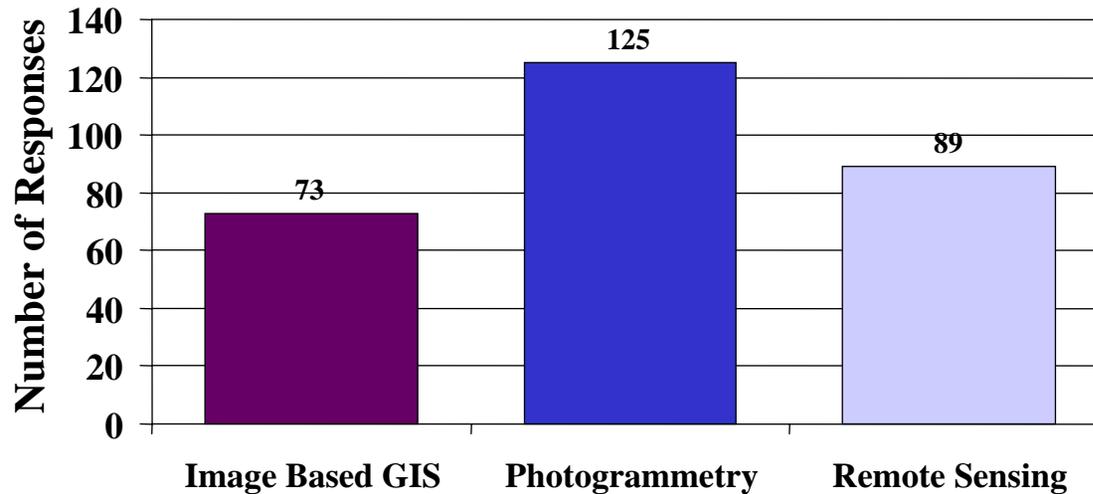
- Assume best insight comes from CEOs/CFOs and use their Expected Revenues and build revised baseline 2002 accordingly



## Approach:

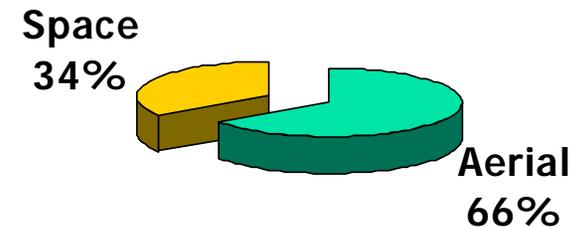
1. Average 2001 and 2002 CEO/CFO Expected Revenue estimates. Use to plot 2001-2006
2. Apply AAGR associated with those estimates to forecast 2007-2012

# Geospatial Activities as Primary Business



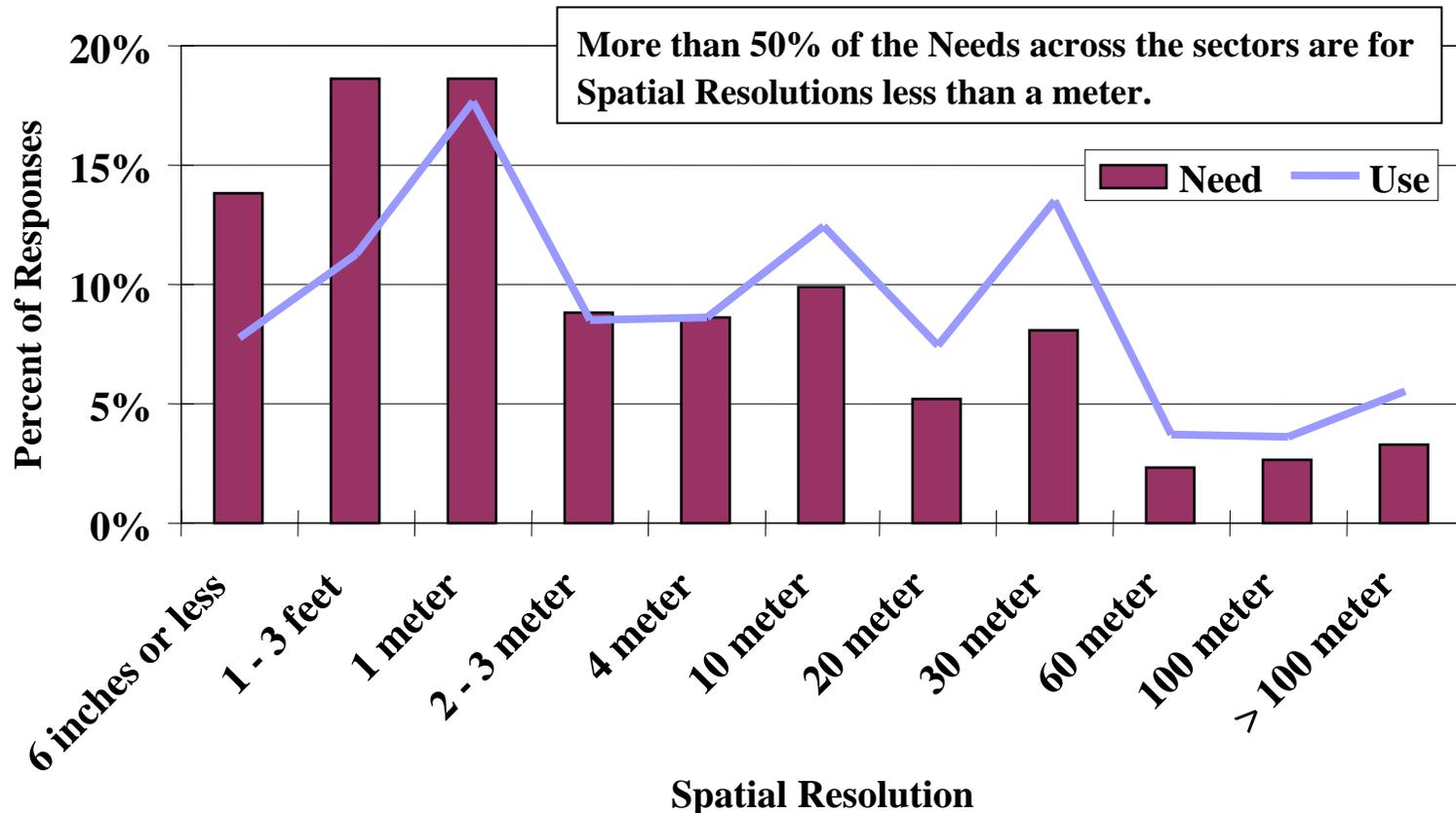
\* Respondents may choose more than one.

## *Geospatial Activities*



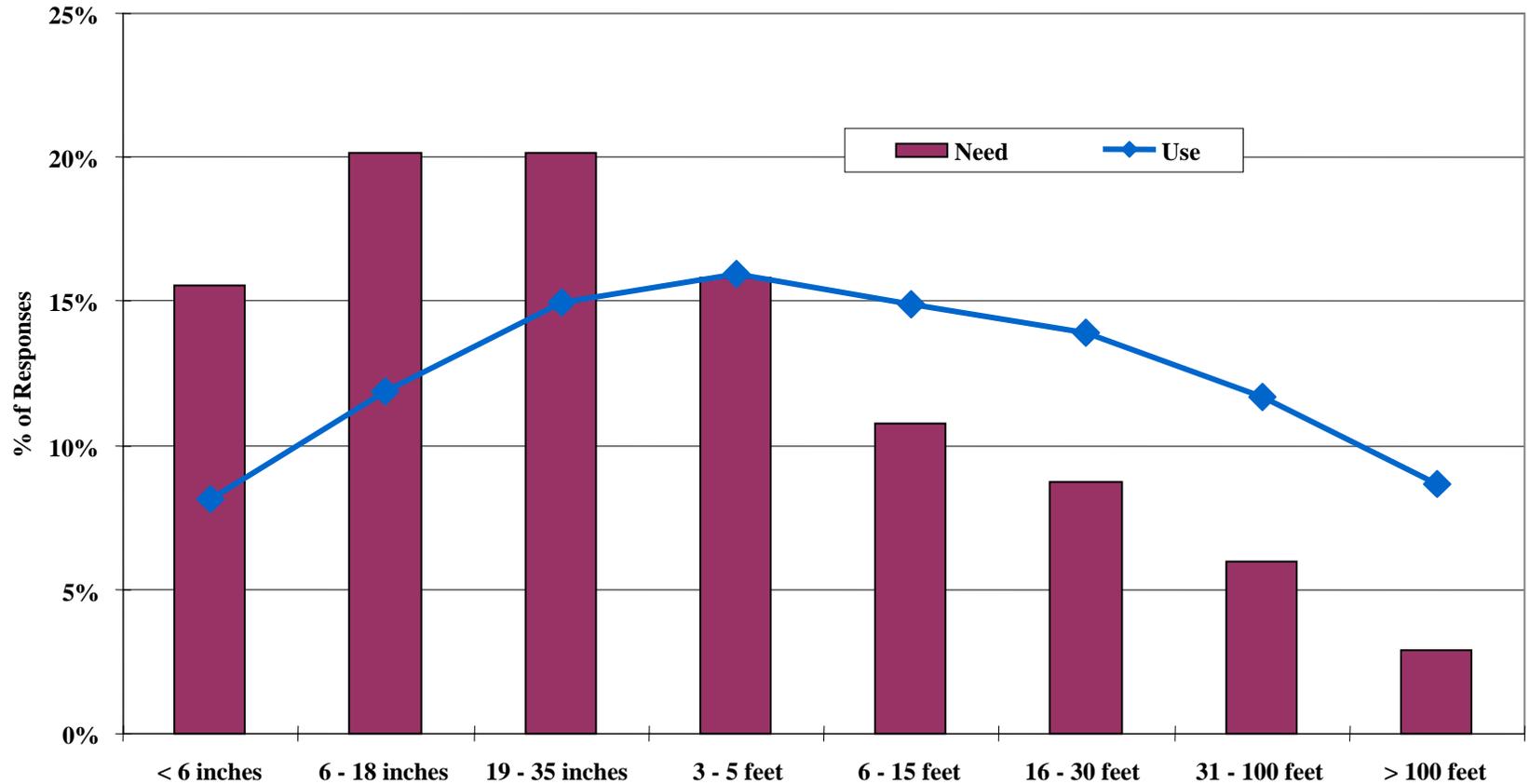
- Companies tend to operate in more than one business activity
- In Previous forecasts Aerial still outweighed space in data acquisition
  - An Update will be presented at ASPRS's Reno conference May 1-5, 2006

# Spatial Resolution: Use vs. Needs (All Sectors)



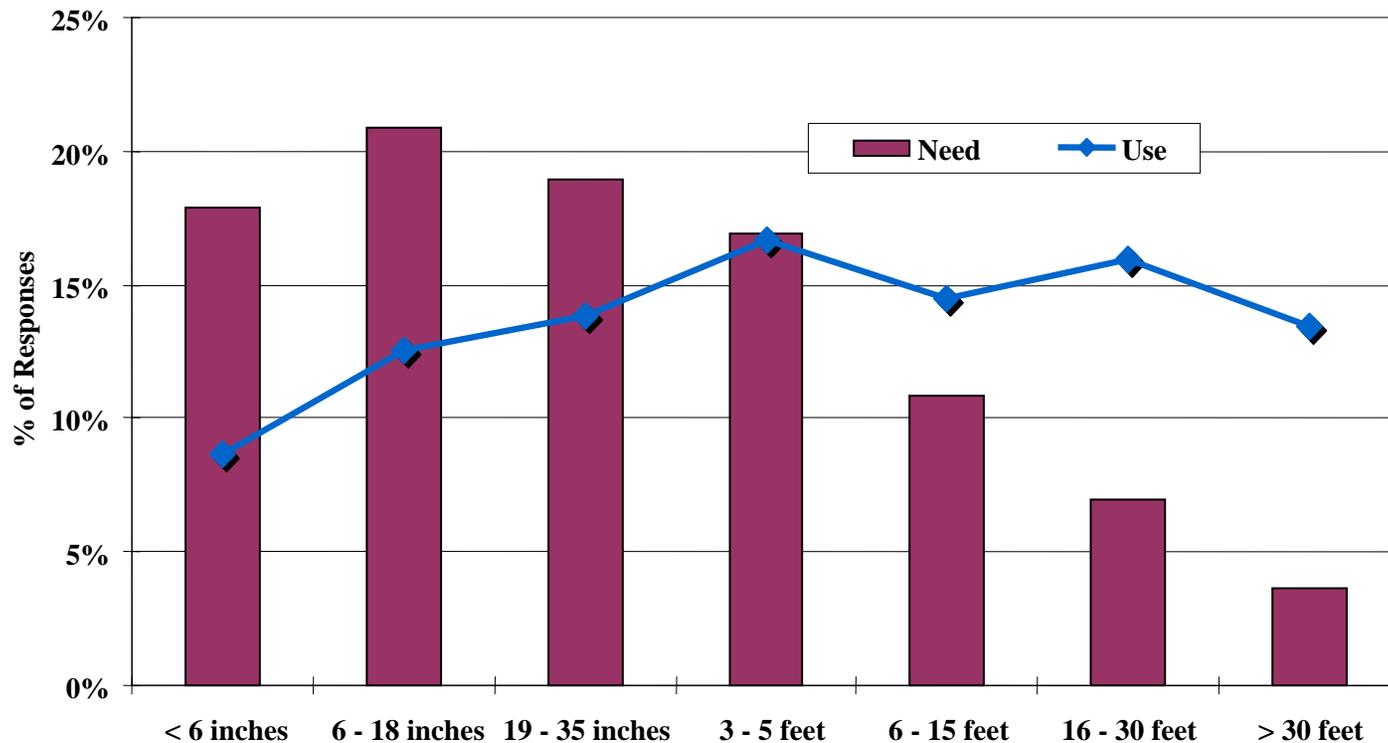
- **There are major differences in what is being Used vs. what is Needed**
  - Needs in the 3 feet and less group exceed what is in Use
  - Use and Needs in the 1 to 4 meter group are about the same
  - Use in the 10 meter and greater group exceed Needs
  - An Update will be presented at ASPRS's Reno conference May 1-5, 2006

# Geo-location Accuracy Use Vs. Needs: All Sectors



➤ An Update will be presented at ASPRS's Reno conference May 1-5, 2006

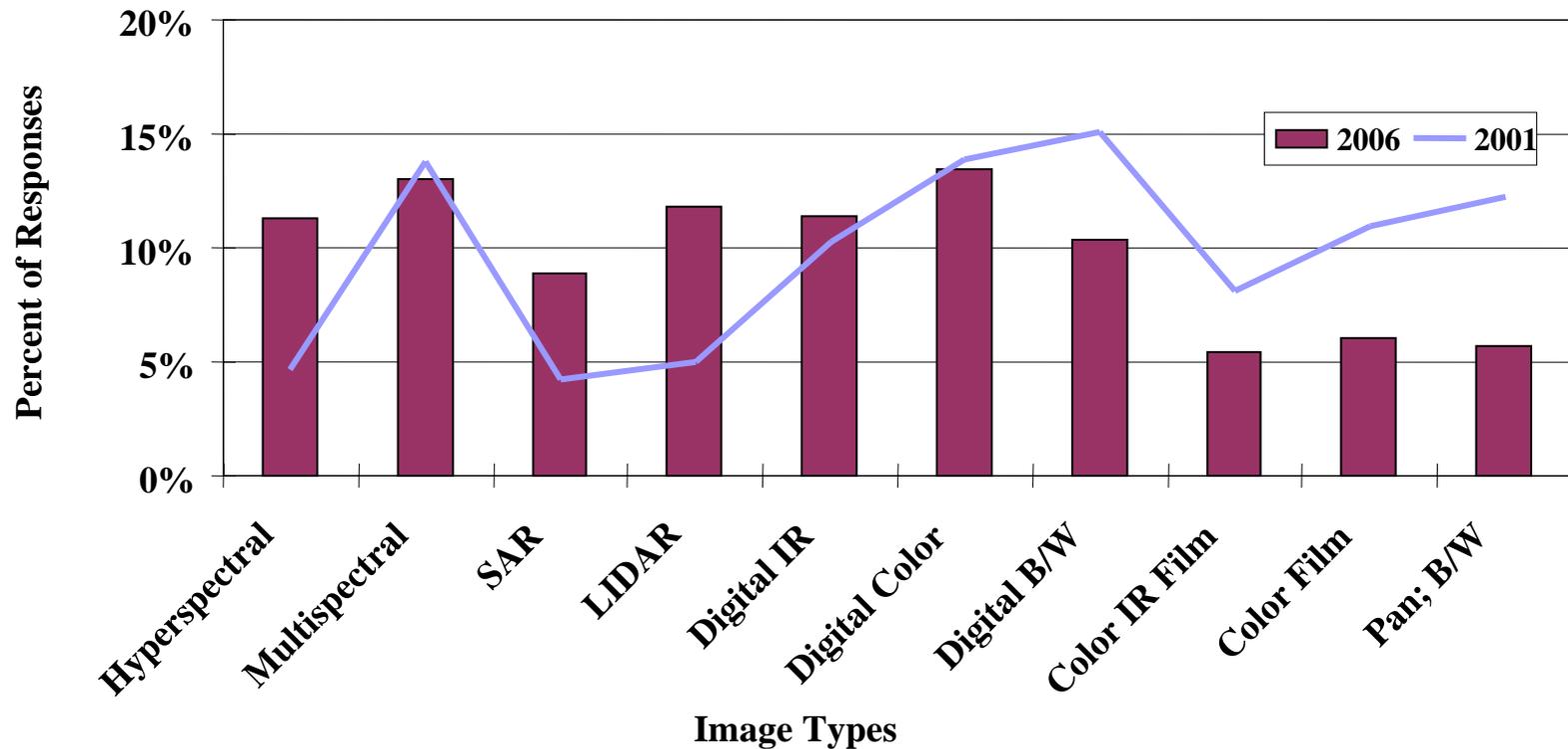
# Elevation Accuracy: Use vs. Need (All Sectors)



**•About 60% of the Need is at Elevation Accuracies of less than 3 feet**

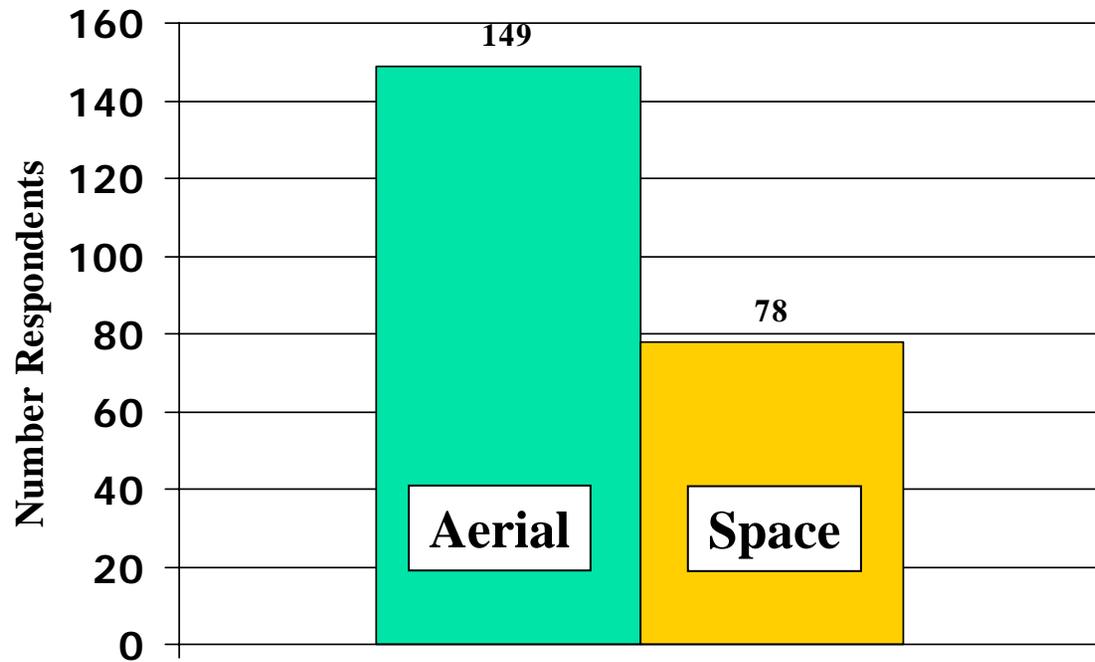
**➤An Update will be presented at ASPRS's Reno conference May 1-5, 2006**

# Need for Image Types: 2001 vs. 2006 (All Sectors)



- **Based on the data, major shifts will occur in Image Types used from 2001 to 2006.**
  - **Biggest increase in LIDAR, SAR and Hyperspectral**
  - **Biggest decrease in Digital Black & White, Color Film, Pan Film (Pan;B/W), Color IR Film**
  - **Multispectral, Digital IR, and Digital Color remain nearly the same**
  - **An Update will be presented at ASPRS's Reno conference May 1-5, 2006**

# Primary Platform Use CY 2000



# For More Information

- **ASPRS will present an update of The Use versus Needs Slides at the ASPRS Reno Conference May 1-5, 2006**
- **All public documents and presentations are on the ASPRS website at:**

**[http://www.asprs.org/asprs/news/forecast\\_frame.html](http://www.asprs.org/asprs/news/forecast_frame.html)**