

# UAS Workforce Needs: Survey Summary Overview

## UAS WORKFORCE NEEDS SURVEY RESULTS:

VIRGINIA STATEWIDE REPORT





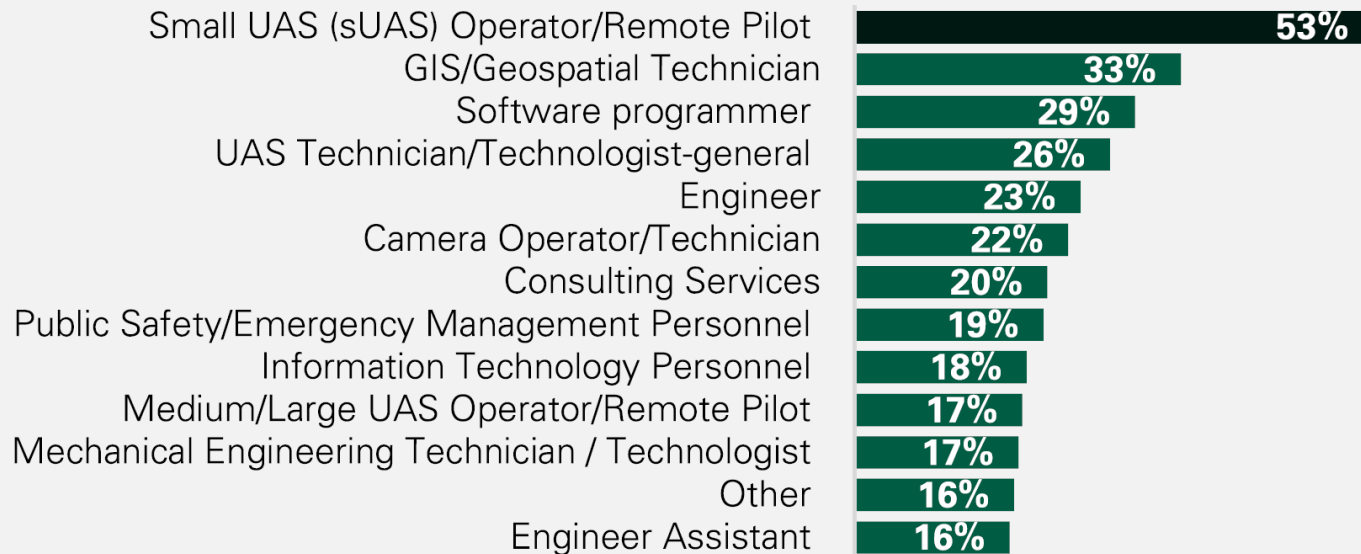
# Report Summary

- Survey conducted in the Spring 2020
- 131 Respondents (statewide) / Region 4 (18 respondents)
- Survey was designed to inform future workforce development and education programs to train the UAS workforce
- Partners: VSGC, VT, RBC, Unmanned Systems Center of Excellence at CIT, Magnolia Consulting
- The full report is available at <http://vsgc.odu.edu/geoted-uas/unmanned-aircraft-systems-uas-workforce-survey-report/>



# UAS Workshop Survey - Key Findings from Statewide Survey

**MANY TYPES OF POSITIONS INCLUDE OR COULD INCLUDE UAS-RELATED TASKS AND DUTIES. ORGANIZATIONS MOST OFTEN SELECTED sUAS OPERATOR OR REMOTE PILOTS.**



# UAS Workforce Survey – Key Findings

ORGANIZATIONS HIRED A  
MEDIAN OF 2 UAS POSITIONS  
IN A TYPICAL YEAR



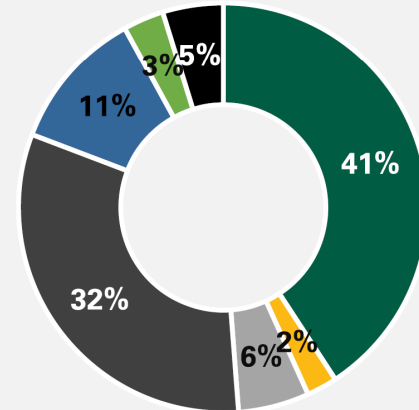
ORGANIZATIONS HAD A  
MEDIAN OF 1.5 VACANT UAS  
POSITIONS



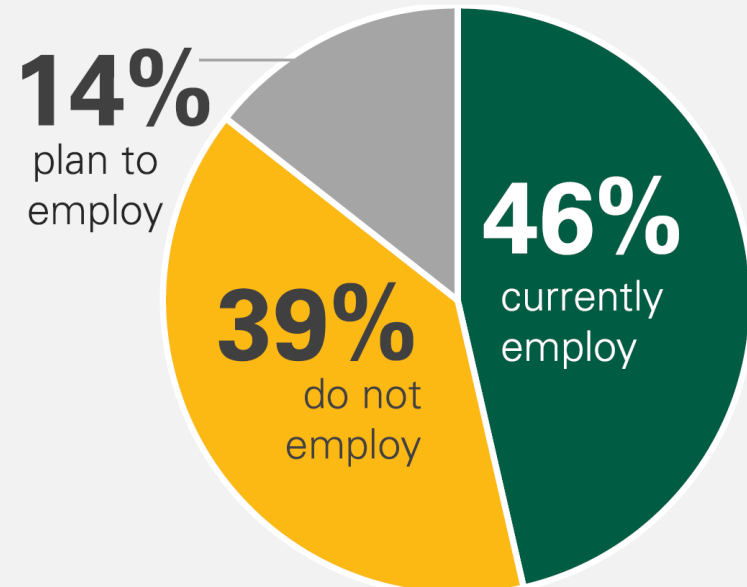
ANNUAL SALARIES FOR UAS  
POSITIONS RANGED FROM A  
LOW MEDIAN OF \$40,000 TO A  
HIGH MEDIAN OF \$90,000

DEMAND FOR EMPLOYEES IN UAS  
POSITIONS WAS PROJECTED TO  
INCREASE AT 41% OF  
ORGANIZATIONS BY 3 UAS  
POSITIONS (MEDIAN)

NEARLY THREE-QUARTERS OF ORGANIZATIONS  
WERE PRIVATE/FOR PROFIT OR MUNICIPAL  
GOVERNMENTS

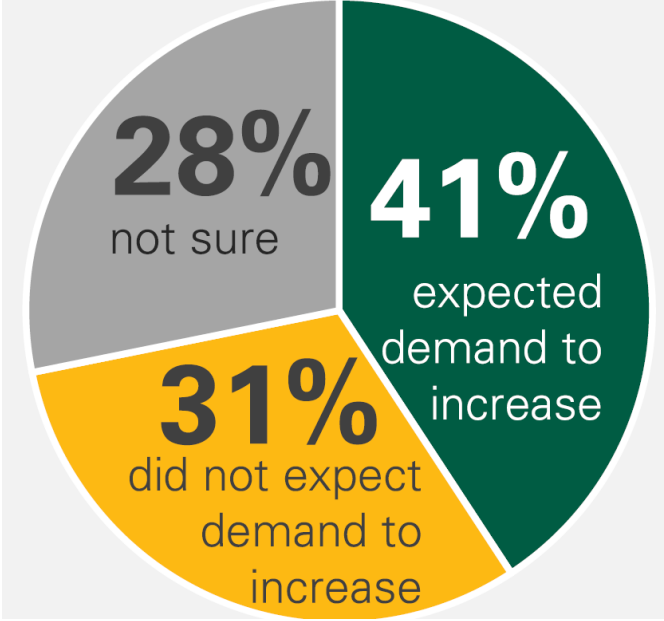


NEARLY HALF OF ORGANIZATIONS  
EMPLOYED UAS POSITIONS

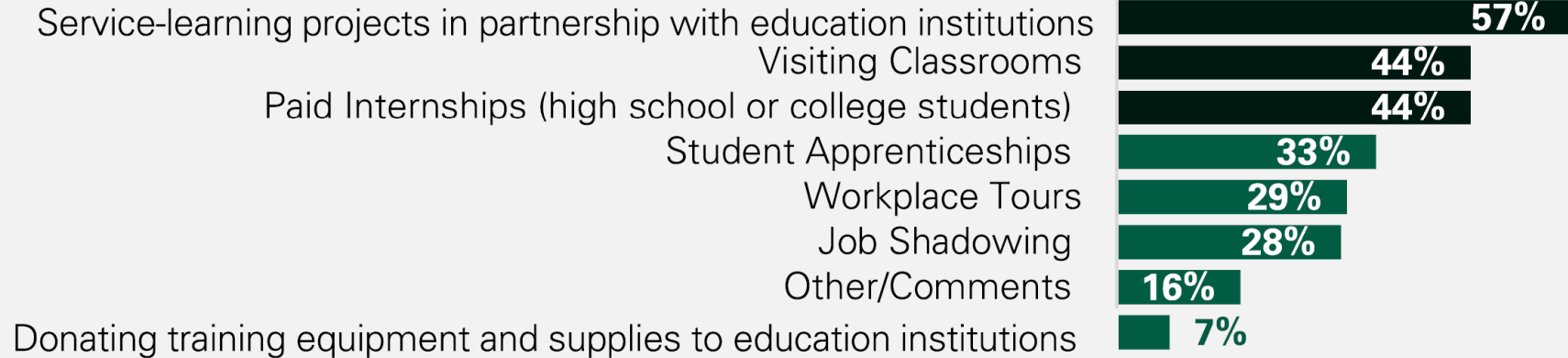


# UAS Workforce Survey – Key Findings

## Demand for Employees



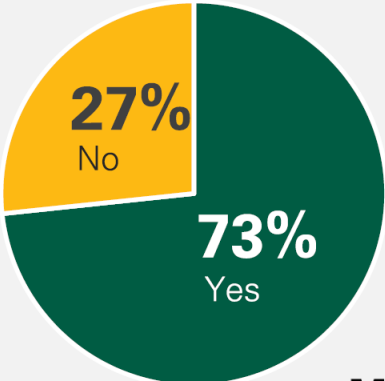
## ORGANIZATIONS WERE MOST OFTEN WILLING TO OFFER SERVICE-LEARNING PROJECTS, CLASSROOM VISITS OR PAID INTERNSHIPS.



# UAS Workforce Survey – GO Virginia Region 4 Key Findings

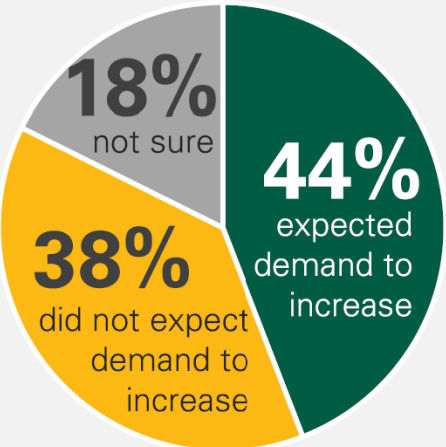
## Demand for Training

NEARLY THREE-QUARTERS OF ORGANIZATIONS NEED TRAINING FOR THEIR CURRENT WORKFORCE TO STAY UP TO DATE IN UAS TASKS & DUTIES



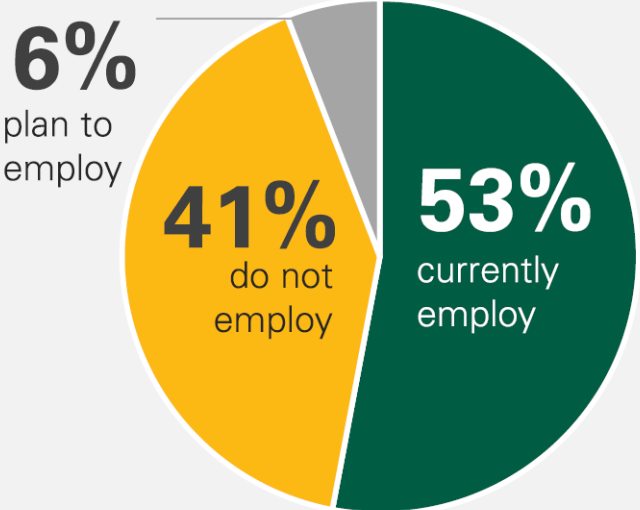
## Demand for Employees

DEMAND FOR EMPLOYEES IN UAS POSITIONS WAS PROJECTED TO INCREASE AT 44% OF ORGANIZATIONS BY 2.75 UAS POSITIONS (MEDIAN)



## Current UAS Workforce

MORE THAN HALF OF ORGANIZATIONS EMPLOYED UAS POSITIONS



# UAS Workforce Survey – Key Findings



## Notes

- The pandemic likely resulted in under-reporting.
  - Respondents were asked to consider a typical year.
  - Technology is so new that would seem difficult, & industry has not experienced a typical year
- Respondence from these sectors were low-----15% real estate, 11% geospatial services, 10% or less surveying, environmental, forestry, agriculture, insurance
  - These sectors are all known to have high growth in UAS.

