

Talent Pipeline Report

Atlanta Metro Chamber
High Schools
March 2023



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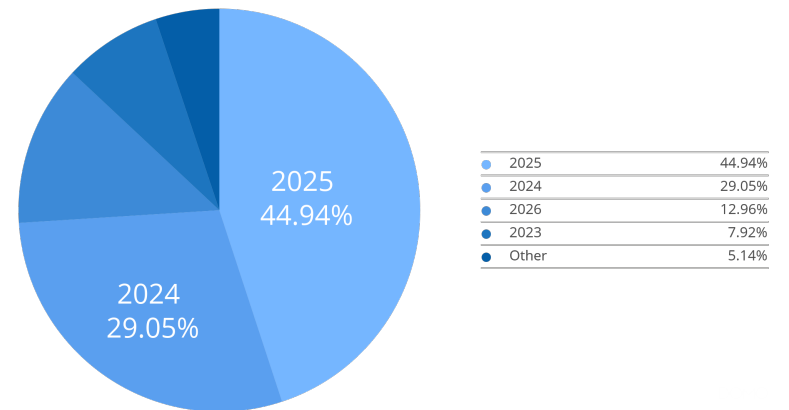
Demographics

In academic years 2021-22 and 2022-23, YouScience has helped more than 20,000 Georgia high school students across these eight districts explore in-demand careers for which they are uniquely fit to succeed. What a great opportunity to guide these students toward CTE, dual-degree, and postsecondary studies that align their natural talent with the needs of our economy!

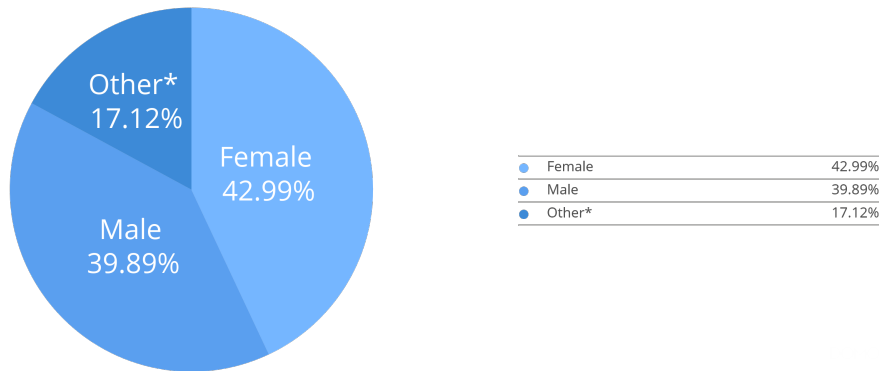
Completed Users by District

District	Completed Users
Fulton County	11,480
Atlanta Public Schools	4,834
Cobb County	1,654
Marietta City	1,140
Clayton County	665
City Schools of Decatur	528
DeKalb County	291
Gwinnett County	182

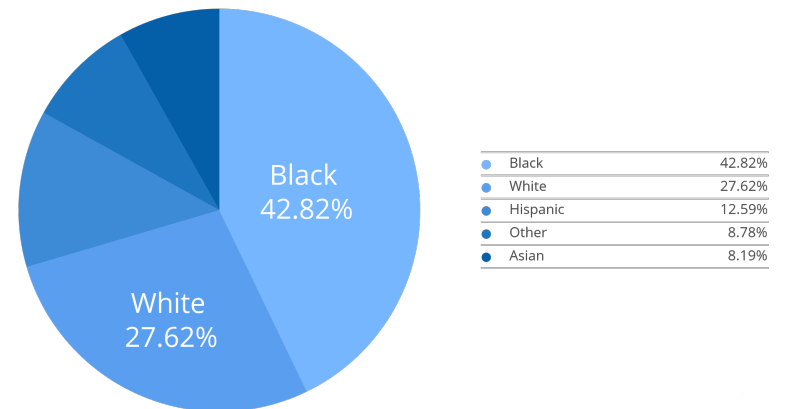
Graduation Year



Gender



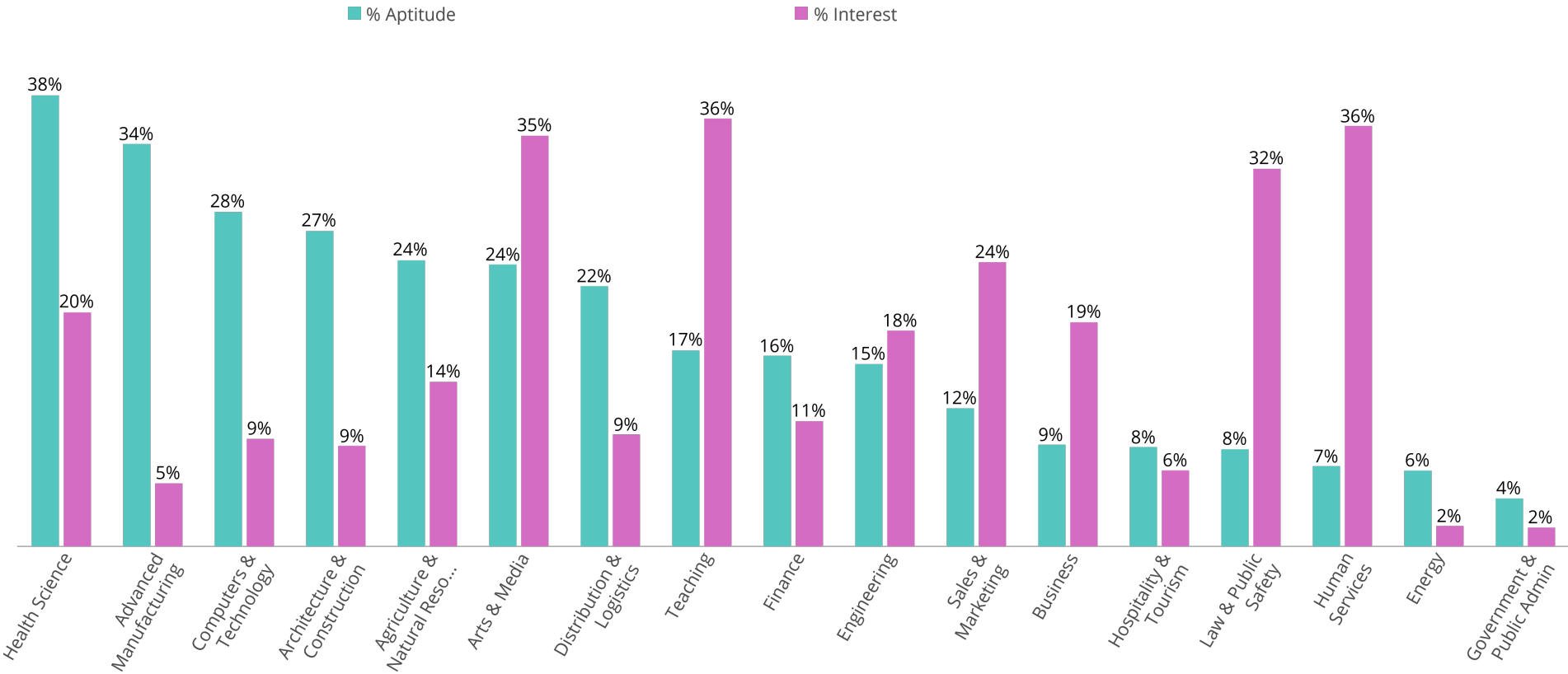
Ethnicity



*Other includes students who responded "non-binary" and "prefer not to respond"

Top 3 Career Cluster Matches

Georgia students have some serious talent for in-demand careers! We analyzed the results of the 20,625 students who have completed Summit in the 2021-22 and 2022-23 academic years. **This graph represents the percentage of students with each cluster in their Top 3 Career Cluster recommendations.** You will notice that in many industries, there is a misalignment between students' interests and their aptitudes. This misalignment simply represents an exposure gap where the students have limited exposure to careers and have yet to really become aware of their individual talents that will give them a competitive advantage in their careers.



Advanced Manufacturing

CAREERS INCLUDE: Manufacturing Engineering Technologist, Electrical Drafter, Industrial Engineer Technologist, Robotics Technician, Electromechanical Engineer, Electrical Engineering Technician, Aerospace Engineering and Operations Technician, Purchasing Agent, Nuclear Power Reactor Operator, Welder, Tool and Die Maker, Machinist, Machine Tool Programmer

All Students

■ % Interest ■ % Aptitude



14.5x more female students have Advanced Manufacturing in their Top 3 than have the expressed interest.

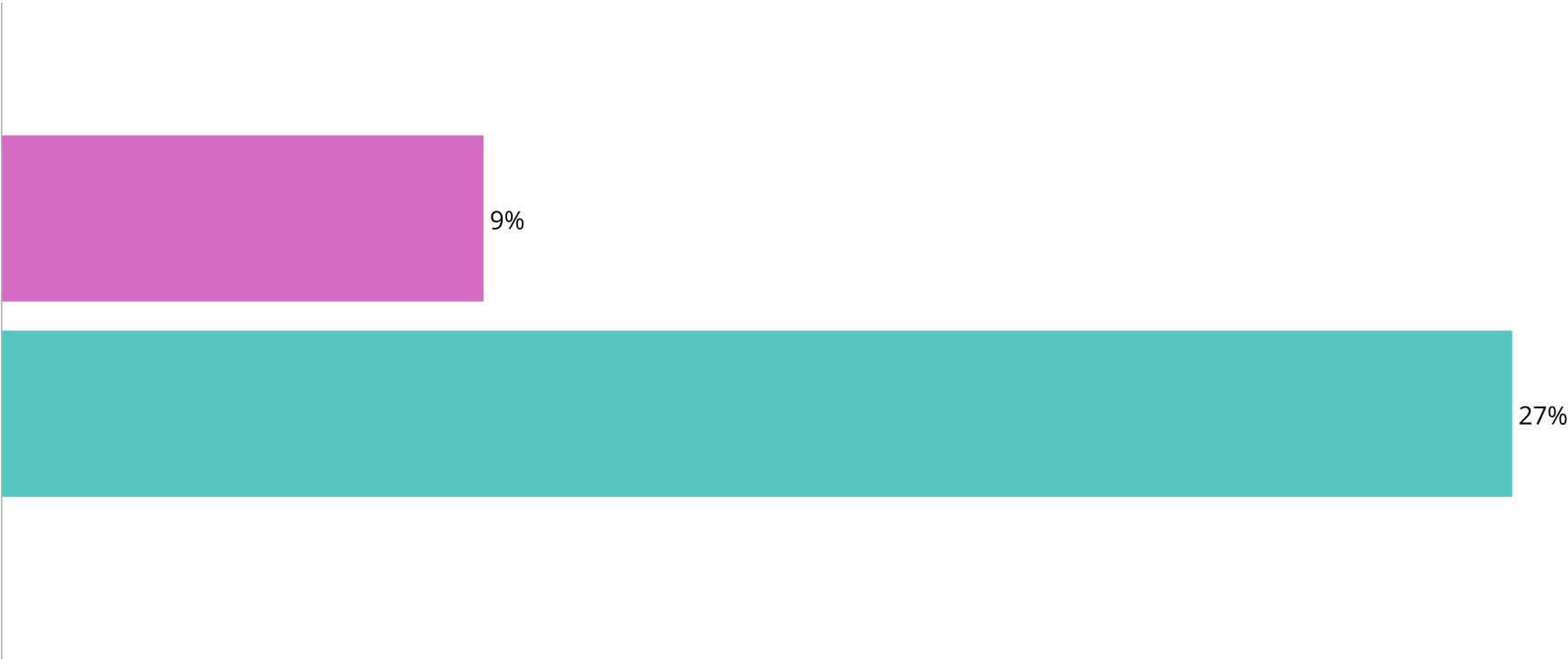
Architecture & Construction

CAREERS INCLUDE: Construction Manager, Cost Estimator, Architectural Drafter, Surveyor, Architect, Landscape Architect, Civil Drafter, Construction & Building Inspector, Architectural & Engineering Manager, Civil Engineer, Civil Engineering Technician, Brickmason, Electrician, Insulation Worker, Operating Engineer & Other Construction

All Students

■ % Interest

■ % Aptitude



3x more black students have Architecture & Construction in their Top 3 than have the expressed interest.

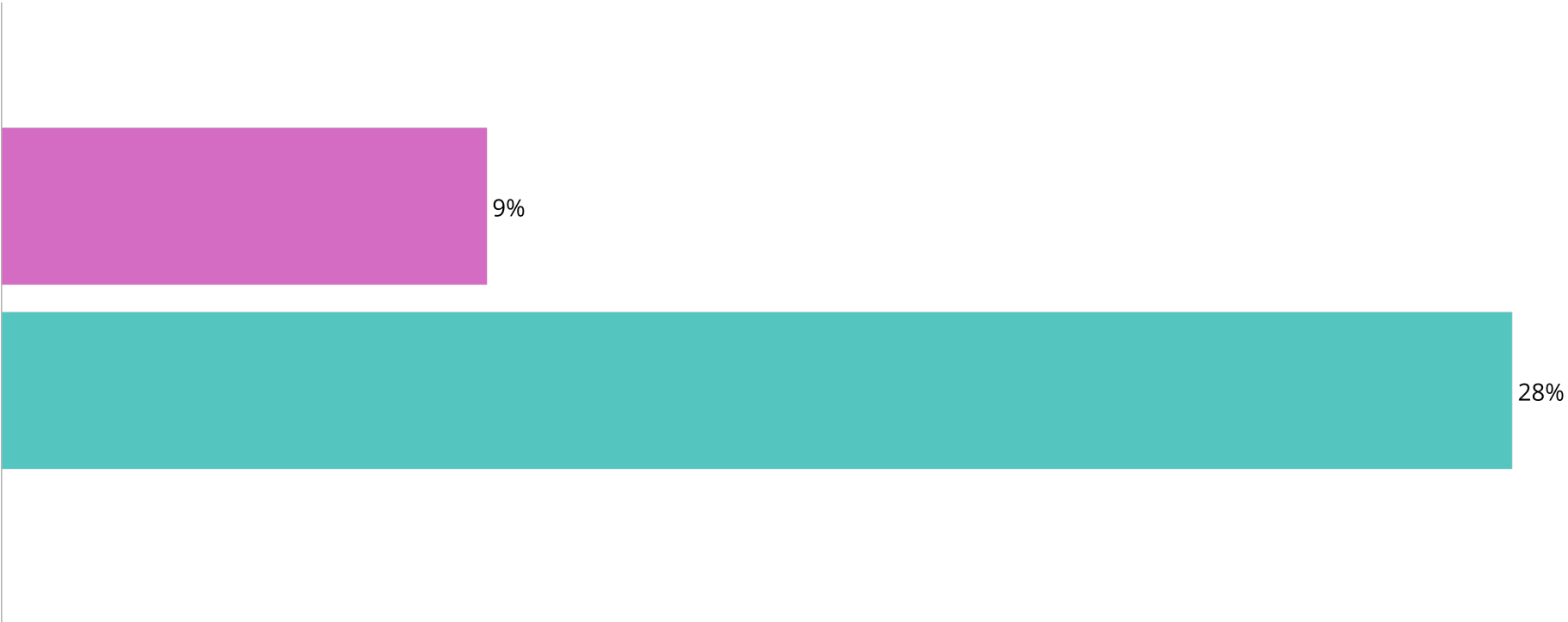
Computers & Technology

CAREERS INCLUDE: IT Project Manager, Web Developer, Database Administrator, Geographic Information Systems Technician, Computer Network Architect, Video Game Designer, Software Quality Assurance Engineer, Web Administrator, Business Intelligence Analyst

All Students

■ % Interest

■ % Aptitude



2x more Hispanic students have Computers & Technology in their Top 3 than have the expressed interest.

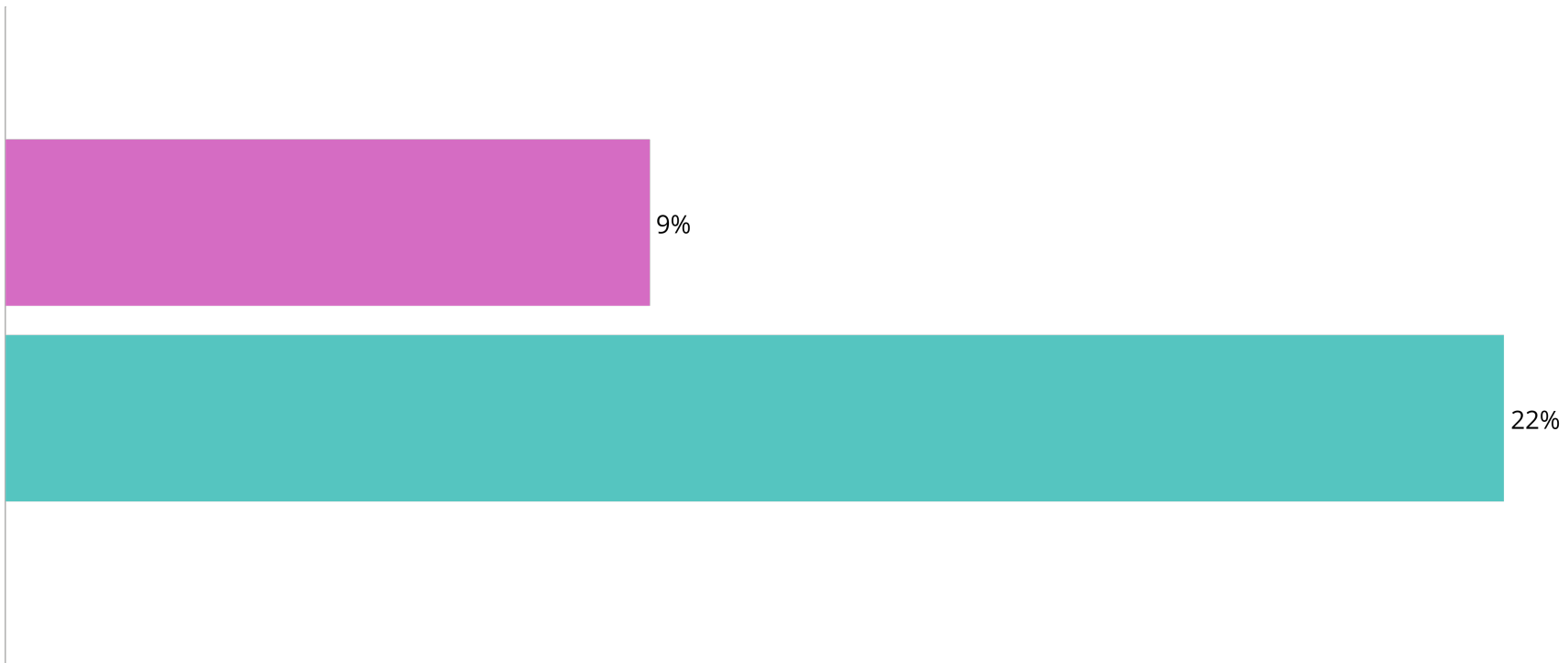
Distribution & Logistics

CAREERS INCLUDE: Aerospace Engineering & Operations Technician, Automotive Specialty Technician, Bus & Truck Mechanics & Diesel Engine Specialist, Airline Pilot/Copilot/flight Engineer, Flight Attendant, Logistician, Logistics Engineer, Logistics Analyst, Quality Control Analyst, Quality Control Systems Manager, Transportation Engineer, Transportation Planner

All Students

■ % Interest

■ % Aptitude



6x more female students have Distribution & Logistics in their Top 3 than have the expressed interest.

Engineering

CAREERS INCLUDE: Electrical Engineer, Industrial Safety & Health Engineer, Product Safety Engineer, Industrial Engineer, Mechatronics Engineer, Electrical Engineering Technician, Industrial Engineering Technologist

All Students

■ % Interest

■ % Aptitude



Students' aptitude is comparable to their interest for careers in Engineering.

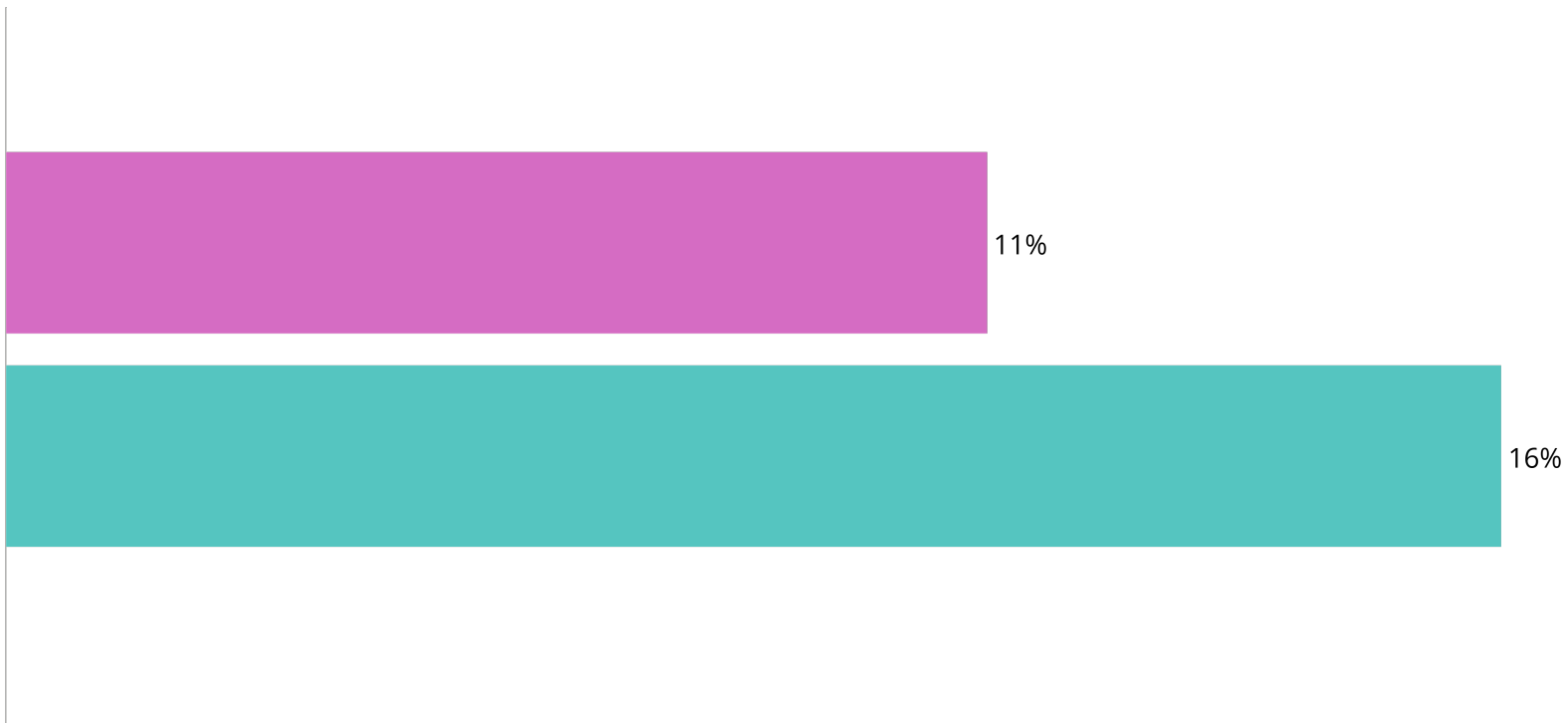
Finance

CAREERS INCLUDE: Treasurer and Controller, Insurance Sales Agent, Loan Officer, Tax Preparer, Accountant, Financial Analyst, Risk Management Specialist, Financial Services Sales Agent, Credit Analyst, Actuary, Fraud Examiner, Insurance Adjustor

All Students

■ % Interest

■ % Aptitude



Students' aptitude is comparable to their interest for careers in Finance.

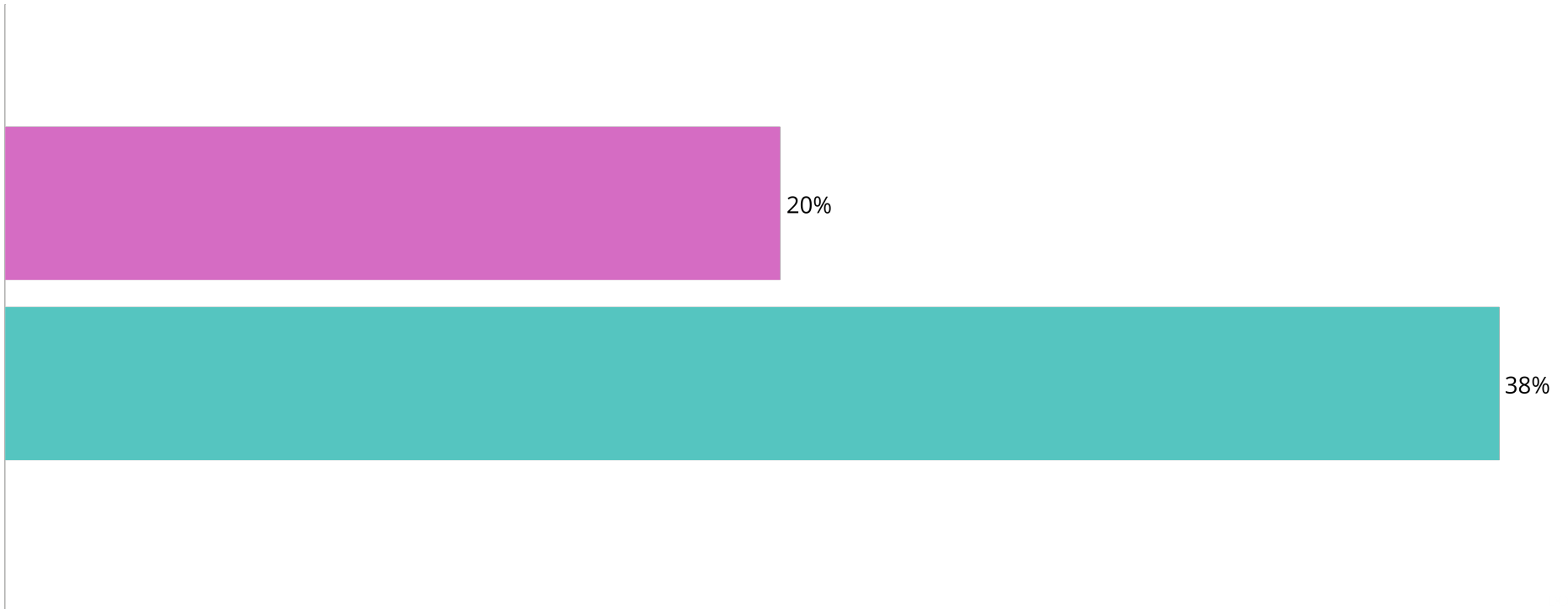
Health Science

CAREERS INCLUDE: Biomedical Engineer, Physical Therapist Assistant, Epidemiologist, Occupational Therapist, Medical Scientist, Genetic Counselor, Athletic Trainer, Dentist, Radiologic Technician, Chiropractor, Ophthalmic Medical Technician, Neurodiagnostic Technician, Dietitian and Nutritionist, Orthotist or Prosthetist, Pharmacist, Medical Records and Health Information Technician, Internist, Nurse, Veterinary Technician

All Students

■ % Interest

■ % Aptitude



2x more male students have Health Science in their Top 3 than have the expressed interest.