Needed: Cyber Security Experts

Cyber Security is a fast-growing field with high paying jobs critical to the economy. Students look to parents for career guidance. Yet many parents are not prepared. A survey of middle and high school students' parents shows most need assistance from trusted experts if today's youth are going to take advantage of the emerging opportunities awaiting them.

Jobs in Demand [1]

18%
Expected 2014-24 growth in Cyber Security jobs

$90K
Median pay of Cyber Security experts

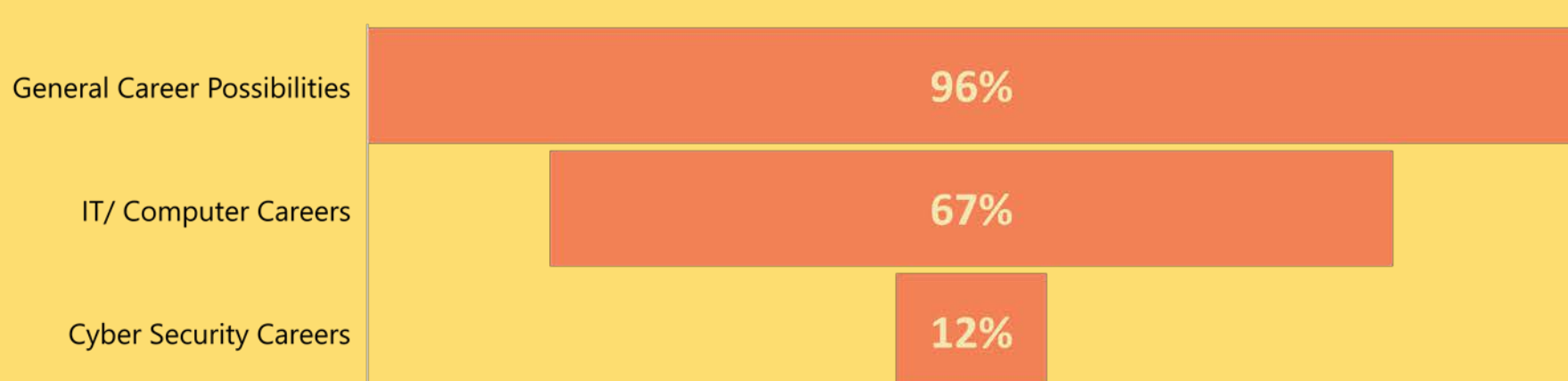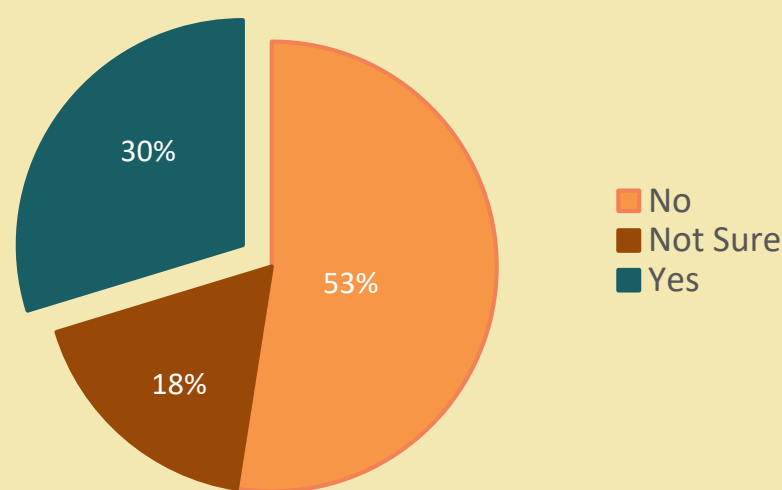## Students Aspiring to IT Careers: Who Influences Choice? [2]

22%
Father

17%
Mother

Parents and Kids Talk Careers – But Not Cyber Security Careers [3]

General Career Possibilities	96%
IT/ Computer Careers	67%
Cyber Security Careers	12%

Only 3 in 10 Parents Are Aware of Cyber Security Job Requirements

- 30%
- 53%
- 18%

■ No
■ Not Sure
■ Yes

16%
Parents *Highly Confident* they Know Requirements to Succeed in Cyber Security

Parents Want Help!

Few parents know what Cyber Security careers require. Even fewer are highly confident of those requirements.

Parents could encourage children to go online to explore newly emerging fields. However, will they? Parents responding to the survey feel they have more to learn about keeping children safe online.

Indeed, 2 out of 3 parents would want help from trusted experts and organizations to keep their child safe in the digital/ online world.

This project is a partnership of the Research Consortium on Digital Safety & Cyber Security Careers: [4]

CYBER**SECURITY** ALLIANCE

NATIONAL CENTER FOR MISSING & EXPLOITED CHILDREN

Girls Collaborative Project

Student Research Foundation *Gifts For Career Success*

For more about helping kids explore Cyber Security careers see NCSA's Primer.
For more information on career pathways go to www.studentresearchfoundation.org.

Methodology: The online survey was fielded during Q2 and Q3 2016. A national convenience sample of 710 parents of middle and high school students responded.

[1] See http://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm.
[2] Statistics come from the survey of Health Science and CTE students surveyed by ERCA during the 2015-2016 academic year.
[3] Virtually every parent responding reports talking (always, often, or sometimes) with their child about career possibilities. Most even talk (always, often, or sometimes) about IT/ computer/ coding careers. But few say "yes" when asked, "Has you child ever spoken with you about Cyber Security careers?"
[4] This project was a collaboration of the following organizations: National Cyber Security Alliance, National Center for Missing & Exploited Children, National Girls Collaborative Project, National PTA, and Student Research Foundation.