

Welcome to the National Girls Collaborative Project Webinar:

NGCP Impact: Evaluation Highlights for Collaborative Leadership Teams and Champions Boards

Thank you for joining us! We will begin at 11:00 AM Pacific/ 2:00 PM Eastern.



Webinar Agenda

- Introductions
- NGCP Goals and Activities
- NGCP Impact
- Questions
- Reflections on Findings
- Closing, Evaluation

NGCP Vision

The National Girls Collaborative Project (NGCP) brings together organizations that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).



Access to Shared Resources





Strengthening Capacity

Equity



NGCP Components and Activities

Virtually:

- Content Rich Project Website
- NGCP Program Directory
- E-Newsletter
- Webinars

Collaboratives:

- Professional Development: Conferences and Forums
- Incentives to Collaborate: Mini-Grants
- Newsletters and Local Resources



The Impact of NGCP

Evaluation Highlights for Collaborative Leadership Teams and Champions Boards

May 2, 2013

Carrie Liston and Vicky Ragan Coulon
Evaluation & Research Associates





National Girls Collaborative Project Evaluation Highlights

Released April 2013

Based on evaluation data
collected between 2006 and
2013

To view or download the report:

1. Go to www.ngcproject.org
2. Click "About" then select "NGCP Publications"



National Girls Collaborative Project Evaluation Highlights

Evaluation Highlights

Project Description

The National Girls Collaborative Project (NGCP), a National Science Foundation funded project, brings together organizations throughout the United States that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM). NGCP works to maximize access to shared resources; strengthen the capacity of programs by sharing exemplary practices to engage girls in STEM; and use the leverage of a network to create the tipping point for gender equity in STEM.

NGCP has an established network of **28 Collaboratives serving 38 states**, and, through regional and national efforts, has reached a large number of girl-serving STEM programs across the United States through an **online Program Directory** (with 2,809 entries as of January 2013), in-person events such as **Kick-off and Collaboration Conferences** (46 Conferences with 3,178 total attendees), **Professional Development and Collaboration forums** (66 forums with 2,429 total attendees), and **webinars** (36 webinars with 1,813 total participants attending the live versions).

The evaluation of NGCP, conducted by Evaluation & Research Associates (ERA), collects and reports quantitative and qualitative data to inform the project on an ongoing basis and to measure progress toward its goals. This summary presents highlights from the evaluation findings and is based on data collected between January 2006 and January 2013.

"...the more people you can get involved, the better you are. I am a big proponent of collaboration because you open so many doors to different people and things that you did not think of before. It's an exciting, dynamic process."

— Mini-grant Project Lead

Reach of the NGCP

- **28** Collaboratives serving states
- **2,809** entries listed in the online NGCP Program Directory
- **24,758** staff represented by programs in the NGCP Program Directory
- **11,475,528** youth served by programs in the NGCP Program Directory, including 6,867,675 girls
- **8,480** unique visitors per month, on average, to the NGCP website
- **24,484** subscribers to the NGCP e-newsletter
- **960** followers to @NGCP on Twitter
- **1,107** members connected to NGCP on Facebook
- **1,813** total participants (50 participants, on average) to 36 live NGCP webinars
- **5,607** total event attendees to 112 in-person NGCP Collaborative Conferences and Forums
- **17,030** girls served in 214 NGCP mini-grants completing activities

Numbers as of January 2013



1. To what extent does NGCP impact collaboration between those supporting the involvement of girls in STEM?

- a) How has NGCP built a network, connected people and programs, and inspired people to work together?
- b) Are practitioners more aware of shared resources and able to apply them to their work?
- c) What are the effects of increased collaboration on practitioners, programs, and girls?

2. To what extent does NGCP increase knowledge and use of exemplary practices to engage girls in STEM?

- a) Are NGCP participants more aware and knowledgeable of exemplary practices?
- b) Do practitioners apply exemplary practices to their work?
- c) What are the effects of increased knowledge and use of exemplary practices on practitioners, programs, and girls?

1. To what extent does NGCP impact collaboration between those supporting the involvement of girls in STEM?



NGCP increases collaboration.

Annual Survey respondents who had attended an NGCP event or received a mini-grant had significantly higher:

- interest in collaborating
- knowledge on how to collaborate effectively
- likelihood of collaborating with others
- collaboration with other STEM-related groups

1. To what extent does NGCP impact collaboration between those supporting the involvement of girls in STEM?

a) How has NGCP built a network, connected people and programs, and inspired people to work together?



NGCP has a large reach.

- **2,809** entries listed in the online NGCP Program Directory
- **8,480** unique visitors per month, on average, to the NGCP website
- **24,484** subscribers to the NGCP e-newsletter
- **1,813** total participants to NGCP live webinars
- **5,607** total NGCP event attendees

NGCP connects people and programs.

Program Directory

- Most common uses are trying to find other programs in their region and looking for others to collaborate with

Events

- **90%** of attendees agreed they met somebody with whom they could collaborate

Mini-grants

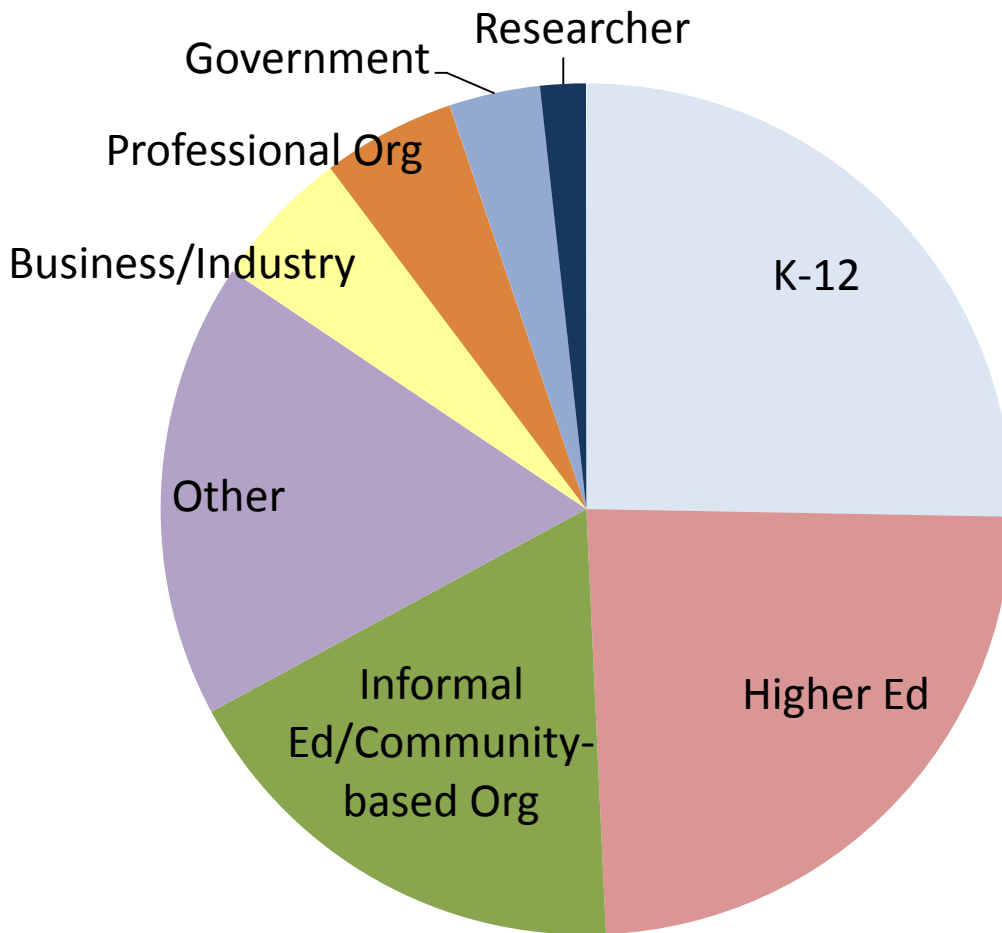
- Incentive to start collaborating

“It (NGCP) fills a critical need in the ecosystem of involving girls in STEM. Without it, there is no mechanism for connecting those who do this work across a broad reach of organizations, higher education, K-12, and industry.”

Annual Survey Respondent

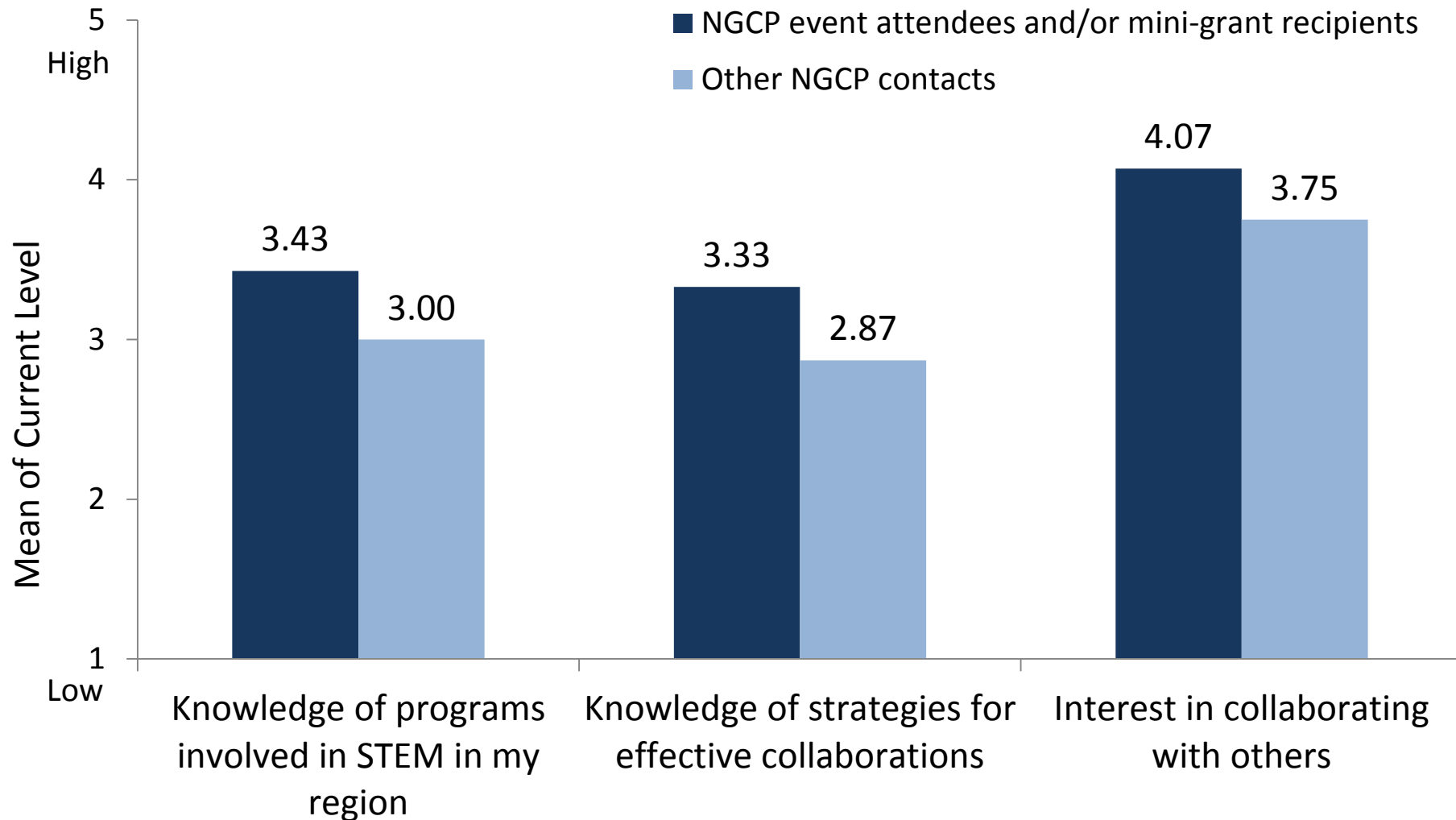


People connect at NGCP in-person events.

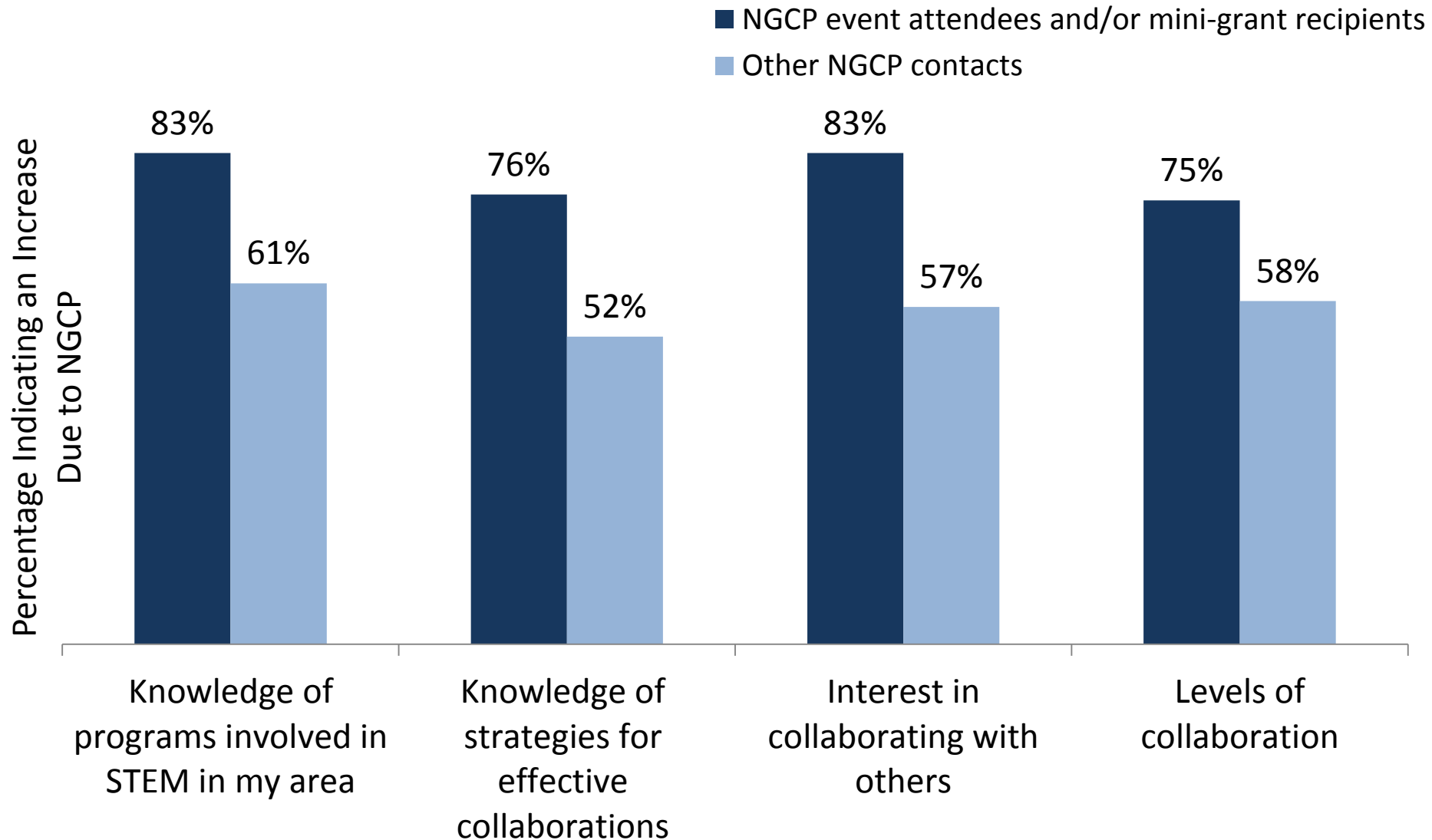


- Event attendees connect with an average of **10** new people
- **83%** of event attendees leave with ideas for potential collaborations
- **71%** of event attendees followed-up with somebody they met there

NGCP participants have higher levels of collaboration.



NGCP increases knowledge and interest in collaborating.

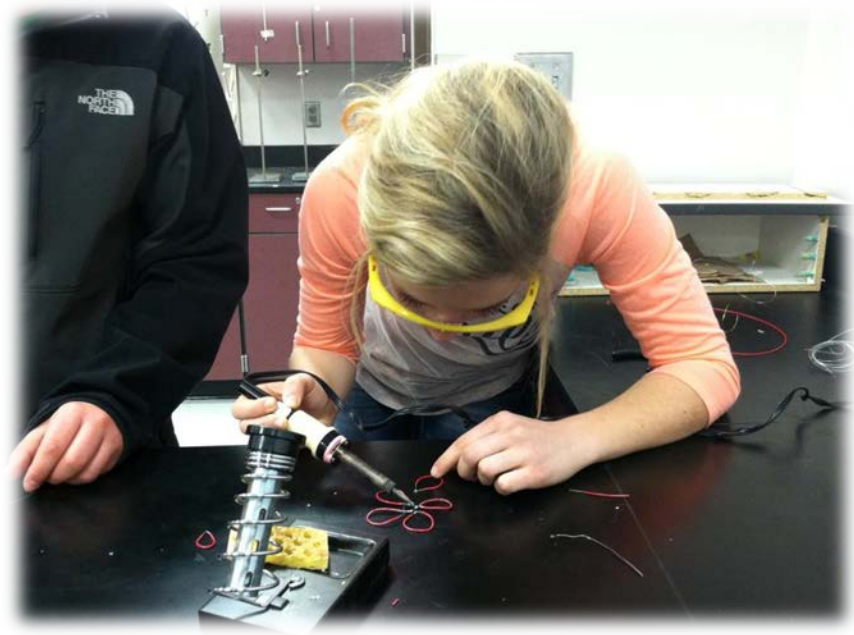


“...the more people you can get involved, the better you are. I am a big proponent of collaboration because you open so many doors to different people and things that you did not think of before. It's an exciting, dynamic process.”

Mini-grant Project
Lead



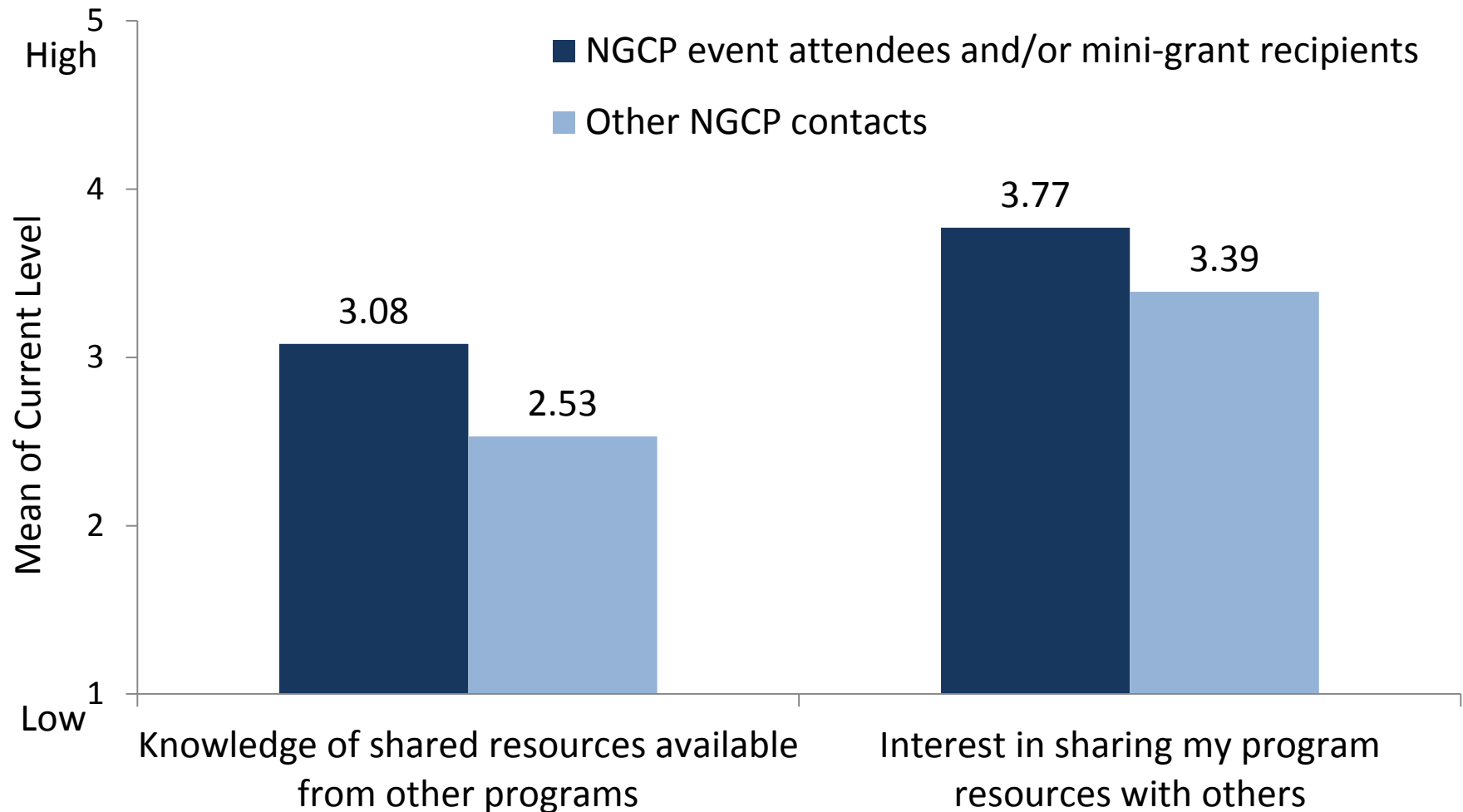
1. To what extent does NGCP impact collaboration between those supporting the involvement of girls in STEM?
 - b) Are practitioners more aware of shared resources and able to apply them to their work?



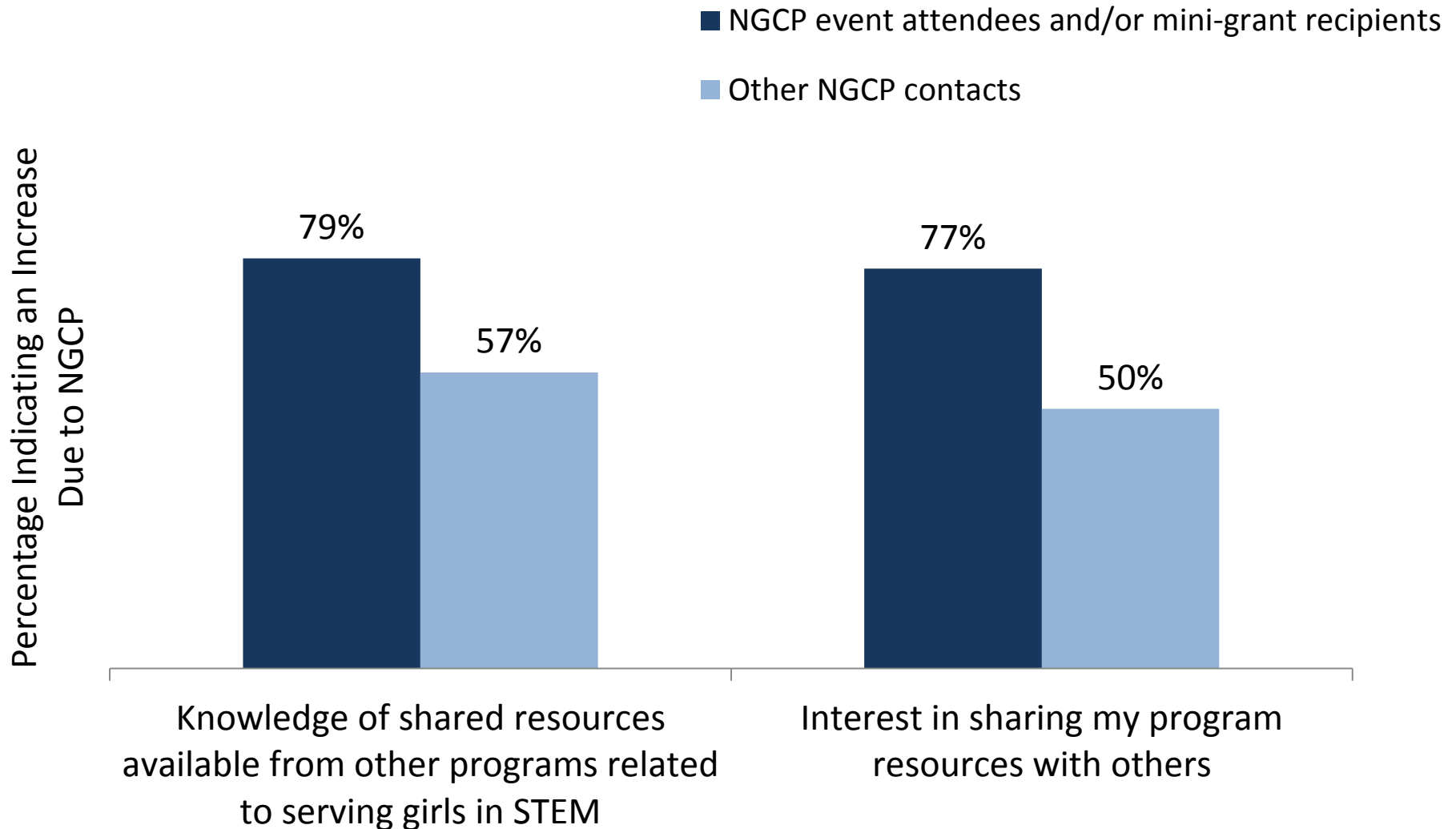
NGCP components provide access to shared resources.

- **E-Newsletter:** Showcases programs resources and strategies for inspiration
- **Program Directory:** 33% used the directory to search for resources from others
- **Events:** 33% brought resources to share with others
- **Webinars:** Majority have increased awareness of resources related to engaging girls in STEM
- **Mini-grants:** Collaborative projects that leverage the strengths and resources of each partner

NGCP participants have more knowledge and interest in sharing resources.



NGCP increases knowledge and interest in shared resources.



1. To what extent does NGCP impact collaboration between those supporting the involvement of girls in STEM?

c) What are the effects of increased collaboration on practitioners, programs, and girls?



Programs benefit from increased collaboration and shared resources.

	How Increased Collaboration Benefited their Program	How Shared Resources Benefited their Program
Helped my work or program be more effective	63%	64%
Reduced feelings of organizational isolation	43%	N/A
Improved my program's sustainability	38%	N/A
Helped my work or program be more efficient	36%	34%
Helped recruit girls to my program	38%	22%
Helped retain girls in my program	18%	10%

Collaborative partnerships continue.

- **77%** of mini-grant recipients **continue their mini-grant project activities** after the grant
- **73% extend** their collaboration to other activities

“After being involved with the NGCP, I would never again think of running a program without some form of collaboration with another business or organization.”

Annual Survey Respondent

NGCP **increases awareness** of programs or organizations involved in STEM.

NGCP **increases interest and skills** in collaborating.

NGCP **connects** those interested in engaging girls in STEM with each other.

NGCP **increases collaboration**.

Increased collaboration **improves practitioners' work**.

2. To what extent does NGCP increase knowledge and use of exemplary practices to engage girls in STEM?



NGCP increases knowledge and use of exemplary practices.

- Exemplary practices disseminated by NGCP were considered relevant and useful
- **73%** of all Annual Survey respondents indicated NGCP increased their knowledge of exemplary practices
- Event attendees and webinar participants were very likely to agree they planned to apply what they learned to their work
- **73%** of those using an exemplary practice indicated it made their work more effective

2. To what extent does NGCP increase knowledge and use of exemplary practices to engage girls in STEM?

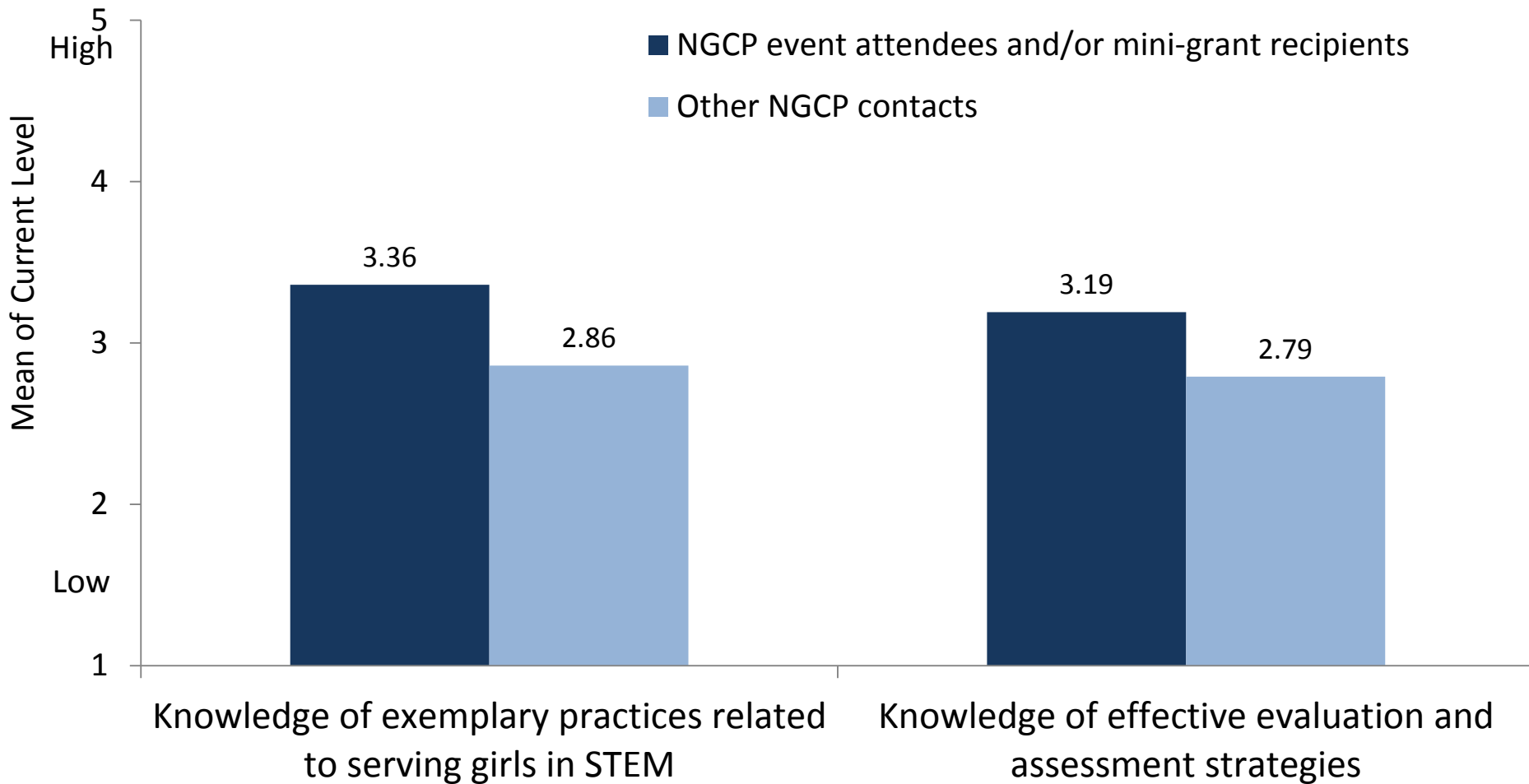
a) Are NGCP participants more aware and knowledgeable of exemplary practices?



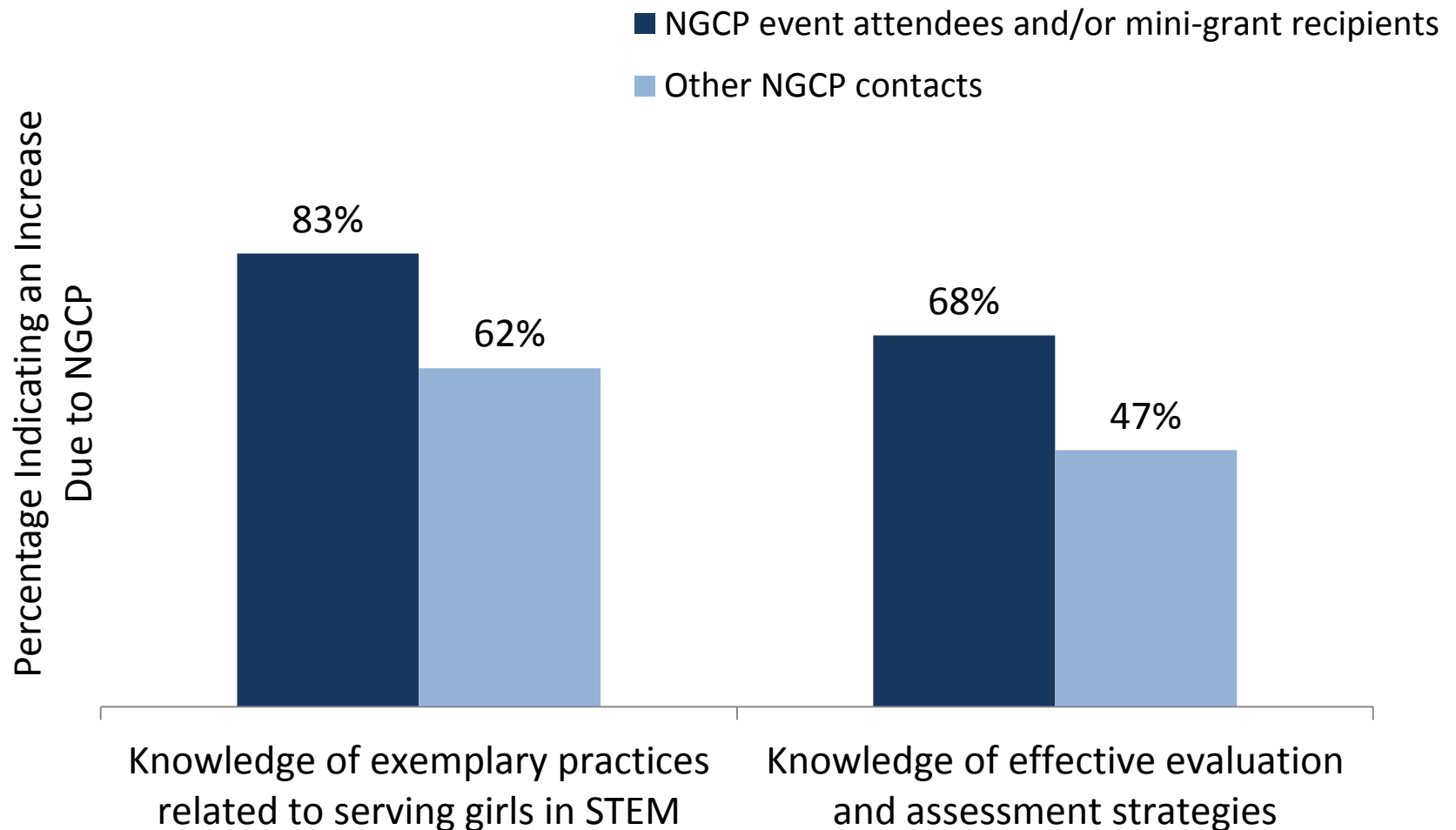
NGCP increases knowledge of exemplary practices.

- **83%** of webinar attendees agreed they learned exemplary practices to engage girls in STEM
- Almost **80%** of event attendees felt they learned strategies to engage girls in STEM
- NGCP **e-newsletter** subscribers had significantly higher ratings of knowledge of exemplary practices
- **83%** of those attending an event or receiving a mini-grant noted an increase in knowledge of exemplary practices due to NGCP

NGCP participants have higher levels of knowledge of exemplary practices.



NGCP has increased knowledge of exemplary practices.



2. To what extent does NGCP increase knowledge and use of exemplary practices to engage girls in STEM?

b) Do practitioners apply exemplary practices to their work?



NGCP exemplary practices are useful and relevant.

- **75%** of Annual Survey respondents considered exemplary practices shared through NGCP to be good or excellent and **60%** considered them useful
- **75%** of Annual Survey respondents have or plan to apply an exemplary practice disseminated by NGCP
- **83%** of event attendees and **87%** of webinar participants planned to apply what they learned in their own work
- Barriers to applying practices included funding and time



2. To what extent does NGCP increase knowledge and use of exemplary practices to engage girls in STEM?

c) What are the effects of increased knowledge and use of exemplary practices on practitioners, programs, and girls?

Use of exemplary practices improves programs.

- **73%** felt their work was more **effective**
- **42%** felt their program's **capacity** was strengthened
- **34%** felt their work was more **efficient**
- **33%** felt the practices helped them **recruit** girls to their program

“The use of informal learning resources provided by the NGCP resources has allowed my program to meet the needs of diverse learners by better understanding the barriers to STEM.”

“[Because of NGCP,] I feel empowered with techniques and resources to design, organize, and execute a sustainable program knowing that I am using best practices.”

Annual Survey Respondents

NGCP **increases awareness** of exemplary practices for engaging girls in STEM.

Exemplary practices disseminated by NGCP are **considered relevant**.

Practitioners **understand how to use** exemplary practices in their work.

Practitioners **apply** exemplary practices.

Use of exemplary practices **improves practitioners' work**.

NGCP increases commitment to engaging girls in STEM.

- **75%** of all respondents indicated NGCP had increased their commitment to serving girls in STEM

“NGCP keeps the priority of serving girls in STEM paramount in the goals of my job.”

*“NGCP’s model of building on existing programs to connect, expand and sustain gender equity in STEM is exemplary. The local, national and regional approach are making **a huge impact in increasing visibility of programs and resources around this issue and ensuring that it remains a high priority on the policy agenda.**”*



“It (NGCP) is a framework for working together to turn the tide on gender equity in STEM, rather than working in isolation or competing with each other.”

Annual Survey Respondent

Thank you!

Discussion and Questions

ngcpevaluation@eraeval.org

425-977-4760

EVALUATION
& Research Associates

Reflection Questions

What is one thing in your role as a Champions Board member or Collaborative Leadership Team member that you will do, based on the findings presented today?



Reflection Questions

What feedback, advice or guidance do you have for the national team, based on the evaluation findings presented today?

Contact Information

- Carrie Liston
Evaluation & Research Associates
cliston@eraeval.org
- Vicky Ragan Coulon
Evaluation & Research Associates
vragan@eraeval.org