Appendix A: FY23 Participant Counts

AEOP programs have different means of tracking participant data. The majority (79%) of FY23 participant data were tracked using the Cvent online registration system and 22% was tracked by the programs directly. To produce the tables below, we relied on both data sources and vetted counts with AEOP program staff. Due to the inconsistencies with how program staff utilize the Cvent system, the following caveats should be taken into consideration when reviewing the data: (1) Participation counts are provided for nine AEOP programs: Apprenticeships, Camp Invention, eCYBERMISSION, Fellowships, GEMS, JSHS, JSS, RESET, and Unite. (2) Twenty-two percent (21%) of FY23 participation data was collected outside of the Cvent system. For these participants, demographic data are unavailable, with some exceptions: 1) eCYBERMISSION provided the EDC team with 18 participant data records, including demographics, that were not entered in the Cvent system; 2) Internships and Fellowships provided the EDC team with their participant data, which included demographics; 3) Unite provided the EDC team with aggregate counts of their FY23 participants' demographic data, which we have included here.

Data Source	Count	Percent
CVENT records	14,157	79%
Other records (collected outside of Cvent)	3,748	21%
TOTAL	**17,905**	100%

Table 1. Total FY23 Participant Counts, by Data Source

Data Source	CVENT records		Other records (collected outside of Cvent)		Total	
	count	percent	count	percent	count	percent
Camp Invention	-	0%	1,956	52%	1,956	11%
eCYBERMISSION	7,582	54%	18	0%	7,600	42%
Fellowships	-	0%	91	2%	91	1%
GEMS	2,848	20%	87	2%	2,935	16%
Internships	-	0%	676	18%	676	4%
JSHS	2,783	20%	298	8%	3,081	17%
JSS	886	6%	-	0%	886	5%
RESET	58	0%	27	1%	85	0%
Unite	-	0%	595	16%	595	3%
TOTAL	**14,157**	**100%**	**3,748**	**100%**	**17,905**	**100%**

Table 2. Total FY23 Participant Counts, by Student/Adult

	Student		Adult		Total	
	count	percent	count	percent	count	percent
Camp Invention	1,956	12%	-	0%	1,956	11%
eCYBERMISSION	7,320	43%	280	27%	7,600	42%
Fellowships	91	1%		0%	91	1%
GEMS	2,870	17%	65	6%	2,935	16%
Internships	392	2%	284	27%	676	4%
JSHS	3,081	18%	-	0%	3,081	17%
JSS	706	4%	180	17%	886	5%
RESET	-	0%	85	8%	85	0%
Unite	436	3%	159	15%	595	3%
TOTAL Participants	**16,852**	100%	**1,053**	100%	**17,905**	100%
Total w/ eCM registrants for tables 3-14	**17,508**		**1,166**		**18,674**	

Notes: eCYBERMISSION participant counts include only those registered to a complete team (Number of Mission Folders submitted = 1,804).

Note for Tables 3-14:
 Data regarding underserved status for eCYBERMISSION students as well as other demographic information reported below includes all students who registered for eCYBERMISSION (7,976 student participants and 393 adult participants), not only those who were part of a complete team (7,320 student participants and 280 adult participants).

Table 3. Total FY23 Participant Counts, by Participant Type

	Camp Invention		eCYBER MISSION*		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Student Participants																				
Elementary School (grades K-5)	1,766	90%	-	0%	-	0%	302	10%	-	0%	-	0%	312	35%	-	0%	-	0%	2,380	13%
Middle School (grades 6-8)	190	10%	6,557	78%	-	0%	1,209	41%	-	0%	7	0%	332	37%	-	0%	-	0%	8,295	44%
High School (grades 9-12)	-	0%	1,419	17%	-	0%	925	32%	240	36%	2,770	90%	48	5%	-	0%	-	0%	5,402	29%
Grade level unspecified or unknown (K-12)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	436	73%	436	2%
Community College, Vocational, and/or Technical (culminates to associate degree, certificate, or diploma)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Undergraduate (culminates to baccalaureate degree)	-	0%	-	0%	4	4%	49	2%	145	21%	6	0%	-	0%	-	0%	-	0%	204	1%
Graduate (post-baccalaureate programs)	-	0%	-	0%	77	85%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	77	0%
Students of other Adult Education or Professional Programs (post-secondary)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Grade level unspecified or unknown	-	0%	-	0%	10	11%	385	13%	7	1%	298	10%	14	2%	-	0%	-	0%	714	4%
Total Number of Students	1,956	100%	7,976	95%	91	100%	2,870	98%	392	58%	3,081	100%	706	80%	-	0%	436	73%	17,508	94%
Teacher/Educator Participants																				
Number of Teachers/Educational Professionals (providers)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Number of Teachers/Educational Professionals (participants)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	69	81%	-	0%	69	0%
PreK - 12 Classroom Teachers	-	0%	-	0%	-	0%	65	2%	-	0%	-	0%	-	0%	-	0%	-	0%	65	0%
Two-year/Community College Instructors	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Four-year College/University Instructors	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Principals, Leaders, Administrators of PreK - 12 Schools	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Leaders or Administrators of Post-secondary Institutions	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Informal STEM Educators	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Program Developers or Organizations that provide informal STEM learning opportunities (including non-profit organizations and citizen and community science and technology initiatives)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
unknown	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Total Number of Teachers/Educators	-	0%	-	0%	-	0%	65	2%	-	0%	-	0%	-	0%	69	81%	-	0%	134	1%

	Camp Invention		eCYBER MISSION*		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Mentor/Advisor Participants																				
Mentors	-	0%	-	0%	^	^	-	0%	284	42%	-	0%	-	0%	16	19%	159	27%	469	3%
Two-year/Community College Mentors	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Four-year College/University Mentors	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Team Advisors		0%	393	5%	^	^	-	0%		0%		0%	180	20%	-	0%		0%	573	3%
Total Number of Mentors/Advisors	-	0%	393	5%	-	0%	-	0%	284	42%	-	0%	180	20%	16	19%	159	27%	1,042	6%
Other Adult Participants																				
Number of S&E Volunteers (not STEM educators)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Number of Other Adults/Volunteers (not S&E Volunteers)	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Education Researchers	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Number of Veteran Participants	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Adult, unknown role	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Total Number of Other Adults	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Total Number of All Adults	-	0%	393	5%	-	0%	65	2%	284	42%	-	0%	180	20%	85	100%	159	27%	1,166	6%
Grand Total	1,956	100%	8,369	100%	91	100%	2,935	100%	676	100%	3,081	100%	886	100%	85	100%	595	100%	18,674	100%

Notes: Internships and Fellowships: Mentor counts were provided in aggregate for Internships and Fellowships; for this table, all mentors are included under Internships knowing there is likely representation of Fellowship mentors in this count. GEMS: The 925 high school students participating in GEMS in FY23 includes 59 who served as mentors. The 49 undergraduate students participating in GEMS in FY23 includes 43 who served as mentors. In other programs, mentors are included in Adult counts. RESET: This program does not have student participants.

Table 3a. Total FY23 Participant Counts, by Participant Type, K-12 breakdown

Participant Type	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Elementary School (grades K-5)	1,766	-	-	302	-	-	312	-	-	**2,380**
Middle School (grades 6-8)	190	6,557	-	1,209	-	7	332	-	-	**8,295**
High School (grades 9-12)	-	1,419	-	925	240	2,770	48	-	-	**5,402**
Grade level unspecified or unknown (K-12)	-	-	-	-	7	-	-	-	436	**443**
Total K-12	1,956	7,976	-	2,436	247	2,777	692	-	436	16,520

Note: Fellowships serves postsecondary students, not K-12 students. RESET serves teachers and does not have student participants.

Table 3b. Total FY23 Participant Counts, by Participant Type, Postsecondary breakdown

Participant Type	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Community College, Vocational, and/or Technical (culminates to associate degree, certificate, or diploma)	-	-	-	-	-	-	-	-	-	**-**
Undergraduate (culminates to baccalaureate degree)	-	-	4	49	145	6	-	-	-	**204**
Graduate (post-baccalaureate programs)	-	-	77	-	-	-	-	-	-	**77**
Students of other Adult Education or Professional Programs (post-secondary)	-	-	-	-	-	-	-	-	-	**-**
Grade level unspecified or unknown	-	-	10	385	-	298	14	-	-	**707**
Total Postsecondary	**-**	**-**	**91**	**434**	**145**	**304**	**14**	**-**	**-**	**988**

Note: RESET serves teachers and does not have student participants.

Table 4. Total FY23 Participant Counts, by Gender and Identity

How do you identify?	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Female	976	50%	3,804	45%	36	40%	1,175	40%	189	28%	1,567	51%	409	46%	41	48%	232	39%	8,429	45%
Male	977	50%	3,745	45%	47	52%	1,163	40%	194	29%	1,147	37%	443	50%	17	20%	199	33%	7,932	42%
Non-Binary	-	0%	114	1%	1	1%	7	0%	2	0%	24	1%	4	0%	-	0%	-	0%	152	1%
Other	-	0%	-	0%	-	0%	2	0%	-	0%	2	0%	3	0%	-	0%	-	0%	7	0%
Choose not to report	3	0%	706	8%	3	3%	35	1%	-	0%	42	1%	16	2%	-	0%	-	0%	805	4%
missing data^	-	0%	-	0%	4	4%	28	1%	-	0%	1	0%	11	1%	-	0%	-	0%	44	0%
data unavailable*		0%	-	0%	-	0%	525	18%	291	43%	298	10%	-	0%	27	32%	164	28%	1,305	7%
Total	1,956	100%	8,369	100%	91	100%	2,935	100%	676	100%	3,081	100%	886	100%	85	100%	595	100%	18,674	100%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.

Table 4a. Student-only FY23 Participant Counts, by Gender and Identity

How do you identify?	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Female	976	3,529	36	1,175	189	1,567	300	-	232	**8,004**
Male	977	3,634	47	1,163	194	1,147	380	-	199	**7,741**
Non-Binary	-	114	1	7	2	24	4	-	-	**152**
Other	-	-	-	2	-	2	2	-	-	**6**
Choose not to report	3	699	3	35	-	42	9	-	-	**791**
missing data^	-	-	4	28	-	1	11	-	-	**44**
data unavailable*		-	-	460	7	298	-	-	5	**770**
Total	1,956	7,976	91	2,870	392	3,081	706	-	436	17,508

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.
Note: RESET serves teachers and does not have student participants.

Table 5. Total FY23 Participant Counts, by Race/Ethnicity

	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Asian	109	6%	1,160	14%	11	12%	422	14%	100	15%	1,112	36%	24	3%	3	4%	29	5%	2,970	16%
Black or African American	560	29%	1,131	14%	10	11%	570	19%	62	9%	147	5%	186	21%	10	12%	190	32%	2,866	15%
Hispanic or Latino	608	31%	1,490	18%	1	1%	198	7%	26	4%	131	4%	52	6%	3	4%	106	18%	2,615	14%
Native American or Alaskan Native	10	1%	30	0%	1	1%	4	0%	-	0%	12	0%	-	0%	-	0%	22	4%	79	0%
Native Hawaiian or other Pacific Islander	11	1%	42	1%	1	1%	4	0%	-	0%	5	0%	1	0%	1	1%	1	0%	66	0%
White or Caucasian	492	25%	2,735	33%	51	56%	747	25%	127	19%	800	26%	456	51%	38	45%	70	12%	5,516	30%
More than one race	0	0%	758	9%	6	7%	281	10%	48	7%	291	9%	70	8%	1	1%	14	2%	1,469	8%
Other	153	8%	3	0%	1	1%	44	1%	6	1%	31	1%	29	3%	-	0%	1	0%	268	1%
Choose not to report	0	0%	1,020	12%	5	5%	114	4%	16	2%	254	8%	68	8%	2	2%	-	0%	1,479	8%
missing data^	13	1%	-	0%	4	4%	26	1%	-	0%	-	0%	-	0%	-	0%	-	0%	43	0%
data unavailable*	0	0%	-	0%	-	0%	525	18%	291	43%	298	10%	-	0%	27	32%	162	27%	1,303	7%
Total	**1,956**	100%	**8,369**	100%	**91**	100%	**2,935**	100%	**676**	100%	**3,081**	100%	**886**	100%	**85**	100%	**595**	100%	**18,674**	100%

^The participant did not provide a response to this question.

*The participant's data were not collected using the Cvent registration system or provided directly by the program.

Table 5a. Student-only FY23 Participant Counts, by Race/Ethnicity

	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Asian	109	1,084	11	422	100	1,112	18	-	29	**2,885**
Black or African American	560	1,085	10	570	62	147	167	-	190	**2,791**
Hispanic or Latino	608	1,465	1	198	26	131	44	-	106	**2,579**
Native American or Alaskan Native	10	28	1	4	-	12	-	-	22	**77**
Native Hawaiian or other Pacific Islander	11	42	1	4	-	5	-	-	1	**64**
White or Caucasian	492	2,537	51	747	127	800	336	-	70	**5,160**
More than one race	0	741	6	281	48	291	63	-	14	**1,444**
Other	153	3	1	44	6	31	28	-	1	**267**
Choose not to report	0	991	5	114	16	254	50	-	-	**1,430**
missing data^	13	-	4	26	-	-	-	-	-	**43**
data unavailable*	0	-	-	460	7	298	-	-	3	**768**
Total	**1,956**	**7,976**	**91**	**2,870**	**392**	**3,081**	**706**	**-**	**436**	**17,508**

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.
Note: RESET serves teachers and does not have student participants.

Table 6. Student-only FY23 Participant Counts, by Low-SES

Do you qualify for free/reduced-price lunch?	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Yes	1434	73%	2,415	30%	-	0%	465	16%	78	20%	394	13%	377	53%	291	67%	5,454	31%
No	522	27%	3,921	49%	-	0%	1,783	62%	288	73%	2,131	69%	165	23%	-	0%	8,810	50%
Choose not to report	0	0%	1,640	21%	-	0%	136	5%	19	5%	258	8%	164	23%	-	0%	2,217	13%
missing data^	0	0%	-	0%	-	0%	26	1%	-	0%	-	0%	-	0%	-	0%	26	0%
data unavailable*	0	0%	-	0%	91	100%	460	16%	7	2%	298	10%	-	0%	145	33%	1,001	6%
Total	**1,956**	100%	**7,976**	100%	**91**	100%	**2,870**	100%	**392**	100%	**3,081**	100%	**706**	100%	**436**	100%	17,508	100%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.
Note: RESET serves teachers and does not have student participants.

Table 7. Total FY23 Participant Counts, by School Setting

What best describes your school setting?	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Rural, Tribal/Frontier, or Urban (combined)	350	18%	2,977	39%	-	0%	888	12%	62	1%	961	31%	518	58%	33	39%	207	35%	5,996	33%
Department of Defense School (DoDEA or DoDDS)	-	0%	-	0%	-	0%	17	0%	-	0%	42	1%	-	0%	2	2%	-	0%	61	0%
Frontier or Tribal School	-	0%	17	0%	-	0%	-	0%	-	0%	1	0%	1	0%	-	0%	4	1%	23	0%
Home School	-	0%	-	0%	-	0%	-	0%	-	0%	1	0%	-	0%	-	0%	2	0%	3	0%
Online School	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
Rural (country)	350	18%	600	8%	-	0%	260	9%	62	9%	240	8%	215	24%	16	19%	68	11%	1,811	10%
Suburban	-	0%	4,037	53%	-	0%	1,311	45%	-	0%	1,683	55%	98	11%	10	12%	54	9%	7,193	40%
Urban (city)	-	0%	2,360	31%	-	0%	628	21%	NA	NA	720	23%	302	34%	17	20%	135	23%	4,162	23%
Other	-	0%	-	0%	-	0%	102	3%	-	0%	9	0%	45	5%	3	4%	-	0%	159	1%
Not Applicable	-	0%	137	2%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	137	1%
Choose not to report	-	0%	807	11%	-	0%	66	2%	19	3%	87	3%	45	5%	10	12%	-	0%	1,034	6%
missing data^	1606	82%	-	0%	-	0%	26	1%	-	0%	-	0%	-	0%	-	0%	-	0%	1,632	9%
data unavailable*	-	0%	411	5%	91	100%	525	18%	595	88%	298	10%	180	20%	27	32%	332	56%	2,459	14%
Total	**1,956**	100%	**8,369**	110%	**91**	100%	**2,935**	100%	**676**	100%	**3,081**	100%	**886**	100%	**85**	100%	**595**	**100%**	18,674	104%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.
Note: RESET serves teachers and does not have student participants.
Note: For internships, participants were provided the selection "My school is located in an urban or rural area." 62 participants selected this option and for this table, the count is listed as Rural. It is unknown how many of these represent rural and urban as independent categories.

Table 8. Total FY23 Participant Counts, by Disability Status

Do you currently have a disability?	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Yes, I have a disability (or previously had a disability)	96	5%	319	4%	-	0%	92	3%	26	4%	104	3%	30	3%	-	0%	24	4%	691	4%
No, I do not have a disability	1860	95%	6,450	77%	-	0%	2,207	75%	340	50%	2,491	81%	560	63%	-	0%	-	0%	13,908	74%
Choose not to report	-	0%	1,207	14%	-	0%	85	3%	19	3%	186	6%	116	13%	-	0%	-	0%	1,613	9%
missing data^	-	0%	-	0%	-	0%	26	1%	-	0%	2	0%	-	0%	-	0%	-	0%	28	0%
data unavailable*	-	0%	393	5%	91	100%	525	18%	291	43%	298	10%	180	20%	85	100%	571	96%	2,434	13%
Total	1,956	100%	8,369	100%	91	100%	2,935	100%	676	100%	3,081	100%	886	100%	85	100%	595	100%	18,674	100%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.

Table 9. Total FY23 Participant Counts, by ELL Status

What is the primary language you use at home? Is English your primary language?	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
English	1552	79%	5,683	68%	-	0%	2,218	76%	273	40%	2,163	70%	654	74%	-	0%	-	0%	12,543	67%
Other language	404	21%	1,530	18%	-	0%	145	5%	93	14%	511	17%	36	4%	-	0%	76	13%	2,795	15%
Choose not to report	-	0%	763	9%	-	0%	20	1%	19	3%	109	4%	16	2%	-	0%	-	0%	927	5%
missing data^	-	0%	-	0%	-	0%	27	1%	-	0%	-	0%	-	0%	-	0%	-	0%	27	0%
data unavailable*	-	0%	393	5%	91	100%	525	18%	291	43%	298	10%	180	20%	85	100%	519	87%	2,382	13%
Total	1,956	100%	8,369	100%	91	100%	2,935	100%	676	100%	3,081	100%	886	100%	85	100%	595	100%	18,674	100%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.

Table 10. Total FY23 Participant Counts, by First Generation College Status

Did a parent/guardian graduate from college?	Camp Invention #	%	eCYBER MISSION #	%	Fellowships #	%	GEMS #	%	Internships #	%	JSHS #	%	JSS #	%	RESET #	%	Unite #	%	TOTAL #	%
Yes	1291	66%	5,565	66%	-	0%	2,125	72%	322	48%	2,380	77%	268	30%	33	39%	-	0%	11,984	64%
No	665	34%	1,008	12%	-	0%	186	6%	44	7%	243	8%	218	25%	24	28%	214	36%	2,602	14%
Choose not to report	-	0%	1,402	17%	-	0%	73	2%	19	3%	160	5%	197	22%	1	1%	-	0%	1,852	10%
missing data^	-	0%	1	0%	-	0%	26	1%	-	0%	-	0%	-	0%	-	0%	-	0%	27	0%
data unavailable*	-	0%	393	5%	91	100%	525	18%	291	43%	298	10%	203	23%	27	32%	381	64%	2,209	12%
Total	**1,956**	100%	**8,369**	100%	**91**	100%	**2,935**	100%	**676**	100%	**3,081**	100%	**886**	100%	**85**	100%	**595**	100%	**18,674**	100%

^The participant did not provide a response to this question.
*The participant's data were not collected using the Cvent registration system or provided directly by the program.

Table 11. Student-only FY23 Participant Counts, by Underserved or Underrepresented Groups

	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	Unite	TOTAL
Female	976	3,529	36	1,175	189	1,567	300 -	232	**8,004**
Racial/ethnic minority	109	3,364	11	422	100	1,112	18	29	**5,165**
Low-income: Participants who qualify for free and reduced-price meal (FARM) programs*	1434	2,415	-	465	78	394	377	291	**5,454**
Individuals with disabilities: as defined by the Americans with Disabilities Act (ADA)	96	319	-	92	26	104	30	24	**691**
ESL/ELL: Individuals with English as a second language (ESL) or English language learners (ELLs)	404	1,530	-	145	93	511	36	76	**2,795**
First-generation college students	665	1,008	-	186	44	243	218	214	**2,602**
Rural, Tribal/Frontier, or Urban (combined)	350	2,977	-	888	62	961	518	207	**5,996**
Military Dependent	268	1,100	12	617	16	164	88	44	**2,315**

Note: RESET serves teachers and does not have student participants.
*Note that the JSHS program uses two criteria to determine low-SES status (free and reduced lunch and family's taxable income for preceding year was 150% or less of the poverty level). Income data were not collected in Cvent and therefore only the JSHS participants that meet the free and reduced-price lunch criteria are included in these counts.

Table 12. Student-only FY23 Participant Counts, by Military Dependent Status

	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		TOTAL	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Total Military Dependent	268	14%	**1,100**	13%	12	13%	617	21%	16	2%	164	5%	88	10%	6	7%	44	7%	2,315	7%

Note: RESET serves teachers and does not have student participants.

Table 13. Student-only FY23 Participant Counts, by Underserved Status

Number of underserved criteria met	Camp Invention	eCM	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	Total
0	14	1,220	37	308	90	467	38	NA	NA	**2,174**
1	217	1,986	40	681	96	1,039	140	NA	NA	**4,199**
2	867	1,964	10	698	106	698	157	NA	NA	**4,500**
3	630	1,462	4	441	63	335	156	NA	NA	**3,091**
4	193	889	0	202	23	150	147	NA	NA	**1,604**
5	24	350	0	69	6	73	64	NA	NA	**586**
6	7	100	0	11	1	19	4	NA	NA	**142**
7	4	5	0	0	0	2	0	NA	NA	**11**
data unavailable*	0	0	0	460	7	298	0	NA	436	**1,201**
Total	1,956	7,976	91	2,870	392	3,081	706	0	436	17,508

*The participant's data were not collected using the Cvent registration system or provided directly by the program.
Notes: Excluded Unite since do not have individual-level demographic data. RESET does not have student participants.

Table 13a. Breakout of FY23 Internship Underserved Status, by HS/UG

Number of underserved criteria met	High School		Undergraduate		non-HS/non-UG*	
	#	%	#	%	#	%
2+	166	69%	23	27%	11	18%
1	47	20%	29	35%	20	32%
0 or unavailable	26	11%	32	38%	31	50%
Total	239	100%	84	100%	62	100%

* Within 60 months of completing high school degree, not enrolled in undergrad program OR Within 60 months of completing undergraduate degree, not enrolled in graduate program.

Underserved Definition	Underserved Notes

Participants must meet at least two of the criteria AEOP's definition of underserved. The criteria includes the following:
• attend a rural, urban, or frontier/tribal school
• low-income students (FARMS)
• females in certain STEM fields (e.g. physical science, computer science, mathematics or engineering)
• identify as racial/ethnic minority in STEM (i.e., Alaska Native, Native American, Black or African American, Hispanic, Native Hawaiian and other Pacific Islander, other)
• students with English as a second language (ELL)
• first generation college student (1stGEN)
• students with disabilities (ADA)
• a dependent of a military service member or veteran.
    o Military child – dependents of members of the Active Duty Armed Forces
    o Military-connected – military child plus the dependents of members of the National Guard and Reserves
    o Military-affiliated – military-connected plus the dependents of Veterans
    o Military-connected schools – schools where a minimum of 15% of the student population is military connected
	• Female only considered underserved for some programs depending on STEM content area
	• JSHS uses additional criteria for low-SES
	• Unite only provided aggregate counts; because we do not have data at the participant level, we cannot accurately determine how many criteria were met by each participant. We can only report the highest number for all categories and say that at least 350 participants met one criteria.
	• Due to the nature of programming and STEM disciplines included in CI, GEMS, eCYBERMISSION, JSS and Unite, ALL female participants will be considered a criterion for underserved. For JSHS and the Apprenticeship programs, only females engaged in certain STEM fields (e.g. physical science, computer science, mathematics or engineering) should be considered as a criteria for underserved. STEM fields will be identified by Judging Category (JSHS) and/or Abstract submission (JSHS/Internships)

Table 14. Adult-only FY23 Participant Counts, by Participant Type

Participant Type		Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Teacher/ Educator Participants	Number of Teachers/Educational Professionals (providers)	-	-	-	-	-	-	-	-	-	-
	Number of Teachers/Educational Professionals (participants)	-	-	-	-	-	-	-	69	-	69
	PreK - 12 Classroom Teachers	-	-	-	65	-	-	-	-	-	65
	Two-year/Community College Instructors	-	-	-	-	-	-	-	-	-	-
	Four-year College/University Instructors	-	-	-	-	-	-	-	-	-	-
	Principals, Leaders, Administrators of PreK - 12 Schools	-	-	-	-	-	-	-	-	-	-
	Leaders or Administrators of Post-secondary Institutions	-	-	-	-	-	-	-	-	-	-
	Informal STEM Educators	-	-	-	-	-	-	-	-	-	-
	Program Developers or Organizations that provide informal STEM learning opportunities (including non-profit organizations and citizen and community science and technology initiatives)	-	-	-	-	-	-	-	-	-	-
	unknown	-	-	-	-	-	-	-	-	-	-
	Total Number of Teachers/Educators (PK-12 and Postsecondary)	**-**	**-**	**-**	**65**	**-**	**-**	**-**	**69**	**-**	**134**
Mentor/Advis or Participants	Mentors	-	-	NA	-	284	-	-	16	159	459
	Two-year/Community College Mentors	-	-	-	-	-	-	-	-	-	-
	Four-year College/University Mentors	-	-	-	-	-	-	-	-	-	-
	Team Advisors	-	393	NA	-	-	-	180	-	-	460
	Total Number of Mentors/Advisors	**-**	**393**	**-**	**-**	**284**	**-**	**180**	**16**	**159**	**919**
Other Adult Participants	Number of S&E Volunteers (not STEM educators)	-	-	-	-	-	-	-	-	-	-
	Number of Other Adults/Volunteers (not S&E Volunteers)	-	-	-	-	-	-	-	-	-	-
	Education Researchers	-	-	-	-	-	-	-	-	-	-
	Number of Veteran Participants	-	-	-	-	-	-	-	-	-	-
	Adult, unknown role	-	-	-	-	-	-	-	-	-	-
	Total Number of Other Adults	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Grand Total	**-**	**393**	**-**	**65**	**284**	**-**	**180**	**85**	**159**	**1,166**

Notes: Internships and Fellowships: Mentor counts were provided in aggregate for Internships and Fellowships; for this table, all mentors are included under Internships knowing there is likely representation of Fellowship mentors in this count.

Tables 4-14 Caveats

- Twenty-one percent (21%) of FY23 participation data was collected outside of the Cvent system. For these participants, demographic data are unavailable, with some exceptions: 1) eCYBERMISSION provided the EDC team with 18 participant data records, including demographics, that were not entered in the Cvent system; 2) Internships and Fellowships provided the EDC team with their participant data which included demographics; 3) Unite provided the EDC team with aggregate counts of their FY23 participants' demographic data. We have included the Unite counts for FY23 reporting.
- Demographic data represents nine programs: Camp Invention, eCYBERMISSION, Fellowships, GEMS, Internships, JSHS JSS, RESET, and Unite. Counts represent both student (PK-12 and postsecondary) and adult participation (teachers, mentors, other). This allows for reporting demographic data for RESET which only serves adults.
- Not all programs collected the same demographic data of their participants, and, as such, there are missing data for some categories, as shown in the above tables.

Table 15. Total FY23 Participant Counts, by Organization Type

Category	Organization Type	Camp Invention		eCYBER MISSION		Fellowships		GEMS		Internships		JSHS		JSS		RESET		Unite		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
PK-12 Schools	Title I Schools	24	92%	147	19%	-	0%	472	31%	-	0%	274	36%	42	58%	53	83%	-	0%	1,012	30%
	Department of Defense School (DoDEA or DoDDS)	-	0%	5	1%	-	0%	-	0%	-	0%	13	2%	-	0%	2	3%	-	0%	20	1%
	Other (not Title I or DoDEA/DoDDS)	2	8%	196	25%	-	0%	1,009	65%	-	0%	483	63%	30	42%	4	6%	-	0%	1,724	52%
	Total Number of PK-12 Schools	**26**	**100%**	**348**	**45%**	**-**	**0%**	**1,481**	**96%**	**-**	**0%**	**770**	**100%**	**72**	**100%**	**59**	**92%**	**-**	**0%**	**2,756**	**82%**
Colleges & Universities	Two-year College/Community College	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%		0%	-	0%
	Four-year College/University	-	0%	168	22%	-	0%	44	3%	42	58%	-	0%	-	0%	1	2%	22	100%	277	8%
	HBCU	-	0%	8	1%	-	0%	2	0%	11	15%	-	0%	-	0%	-	0%	-	0%	21	1%
	HSI	-	0%	-	0%	-	0%	-	0%	6	8%	-	0%	-	0%	-	0%	-	0%	6	0%
	TCU	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Disability-focused colleges/universities	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Other, unknown focus-AANAPISI	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Total Number of Colleges & Universities	**-**	**0%**	**176**	**23%**	**-**	**0%**	**46**	**3%**	**59**	**81%**	**-**	**0%**	**-**	**0%**	**1**	**2%**	**22**	**100%**	**304**	**9%**
Other Organizations	DoD Labs, Facilities or Installations*	-	0%	39	5%	4	100%	16	1%	14	19%	-	0%	-	0%	4	6%	-	0%	77	2%
	U.S. Federal Government	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Indian/Native American Tribal Government	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Industry Partners	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Informal Educational/Research Institution	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Non-profit Organization	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	For-profit Organization	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	International Organization	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%
	Other, unknown focus	-	0%	210	27%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	-	0%	210	6%
	Total Number of Other Organizations	**-**	**0%**	**249**	**32%**	**4**	**100%**	**16**	**1%**	**14**	**19%**	**-**	**0%**	**-**	**0%**	**4**	**6%**	**-**	**0%**	**287**	**9%**
	Total	**26**	**100%**	**773**	**100%**	**4**	**100%**	**1,543**	**100%**	**73**	**100%**	**770**	**100%**	**72**	**100%**	**64**	**100%**	**22**	**100%**	**3,347**	**100%**

*These are locations specific to the DoD Components. The Components include the Office of the Secretary of Defense, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within DoD.

Table 15 Caveats:
- These counts represent what AEOP programs reported using a spreadsheet that our team created for them to complete.
- Most programs track colleges and universities as a category without specifying 2-year or 4-yr. Counts for 2-yr and 4-yr are included if available.
- Counts of Minority Serving Institutions (MSIs) may reflect duplication if the AEOP program also included them in 2-yr, 4-yr, or other college and university counts. We err on reporting these counts as unique institutions because we cannot verify duplication.

Table 16. Total FY23 Participant Counts, by Organization Type

	Camp Invention	eCYBER MISSION	Fellowships	GEMS	Internships	JSHS	JSS	RESET	Unite	TOTAL
Number of PK-12 Schools (total count reached/involved)	26	348	-	1,481	0	770	72	59	-	2,756
Number of Colleges & Universities (total count of post-secondary institutions involved)	-	176	-	46	59	-	-	1	22	304
Number of DoD Labs, Facilities or Installations (total count of DoD/DoDEA bases, installations, facilities, or laboratories)	-	39	4	16	14	-	-	4	-	77
Industry Partners (total count of industry partners involved)	-	-	-	-	-	-	-	-	-	-
Total	**26**	**563**	**4**	**1,543**	**73**	**770**	**72**	**64**	**22**	**3,137**

Note: The counts in this table do not represent the total number of organizational participants for FY23 (n=3,347). eCYBERMISSION reported the participation of an additional 210 organizations that were not categorized and are not represented in the table above.