



UNIVERSITY
of HAWAII
MĀNOA

Hawai'i 4-H Youth Development Program



ANNUAL REPORT 2021-2022

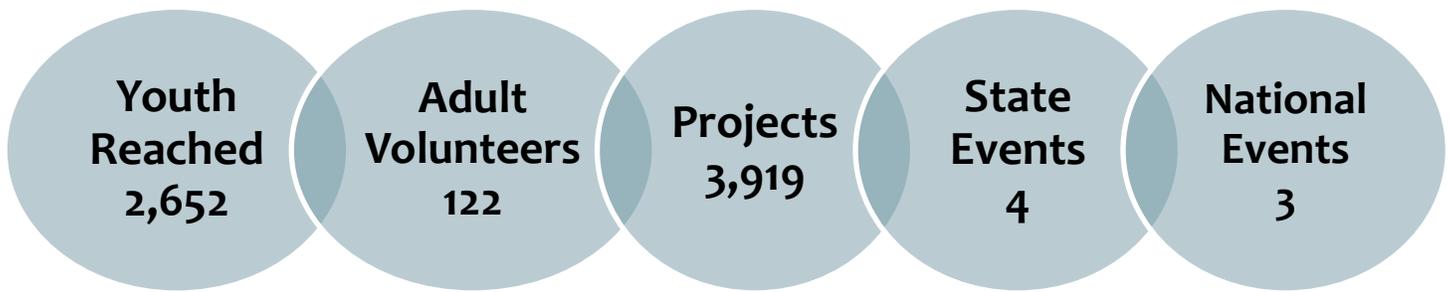
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March 2023



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PROGRAM AT A GLANCE



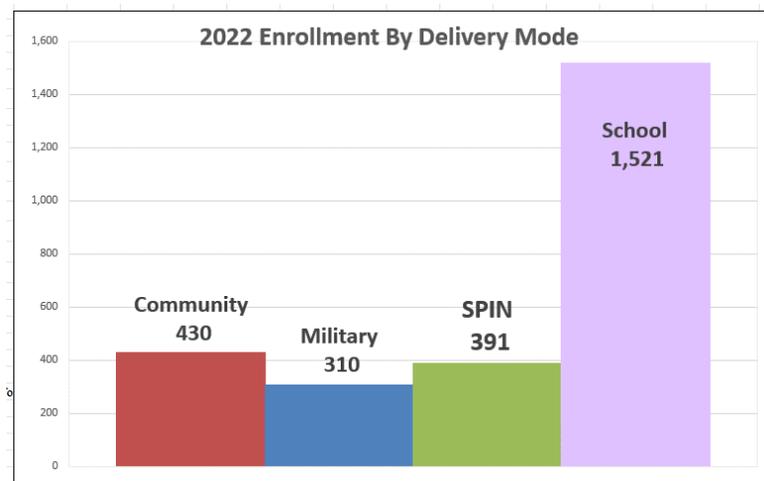
2021-22 Member Race and Ethnicity vs State Population	4-H	State
Hispanic or Latino	12%	11.1%
American Indian or Alaskan Native	0.6%	0.4%
Asian	20.2%	36.8%
Black or African American	5.4%	2.2%
Native Hawaiian or Other Pacific Islander	27.1%	10.5%
White	19.8%	25.3%
Youth Indicating More Than One Race	26.9%	14.0%

Delivery Data 2021-2022

- 42 traditional 4-H clubs
- 430 enrolled in 4-H clubs/camps
- 310 participated in military 4-H
- 391 SPIN club members
- 1,521 youth reached through school

Enrollment Data 2021-2022

- 52% female participants
- 48% male participants
- 66% participants in grade K-5
- 688% increase of Native Hawaiian or Pacific Islander enrolled members



A shift in programming to include more school enrichment in public schools in Hawai'i has contributed to a large increase in members reporting Native Hawai'i or Pacific Islander race, which includes a reflection of community-based changes that support a more diversified recognition of heritage and a structure in academia and other programs that rewards specific categories of membership. The incorporation of new recruitment, marketing, and program delivery strategies also enhanced the overall diversity of participation in the Hawai'i State 4-H program during the 2021-2022 4-H year. The change in race reporting from last year was note-worthy.

4-H PROJECTS AND PROGRAMS

4-H clubs incorporate project-based learning into the club meetings. Youth select a project each year and follow a plan to gain content knowledge, skills, and mastery in addition to the life skills developed through Positive Youth Development.

2021-2022 4-H Projects By Delivery Method									
Club Youth	Community	SPIN	Military	School	Total				
Animal Projects	199	26	0	219	444				
Career & Workforce Development	12	0	0	0	12				
Cloverbuds	58	0	300	0	358				
Communication & Expressive Arts	3	102	310	10	425				
Community / Volunteer Service	37	0	100	0	137				
Consumer and Family Sciences	0	15	15	25	40				
Disaster Preparation	0	0	0	120	120				
Environmental Education	36	25	100	0	161				
Food and Nutrition	18	92	0	535	645				
Personal Development	9	0	0	0	9				
Plant Science / Gardening	1	224	0	1,343	1,568				
	373	484	810	2,252	3,919				
Project Summary									
Livestock Projects	269	<p>Animal vs Non-Animal Projects for 2021-2022</p> <table border="1"> <tr> <td>Non-Animal Projects</td> <td>3,475</td> </tr> <tr> <td>Animal Projects</td> <td>444</td> </tr> </table>				Non-Animal Projects	3,475	Animal Projects	444
Non-Animal Projects	3,475								
Animal Projects	444								
Non-Livestock Animal Projects	175								
Non-Animal Projects	3,475								
Total	3,919								

A notable change in projects this year was the increase in interest in animal science and agriculture/gardening in the school-based programs. Through a variety of school enrichment, day camp, and homeschools, the 4-H program supported animal and veterinary science projects.

Youth in grades K-12 worked in school gardens and in the classroom using 4-H plant-science curriculum to cultivate an increased understanding of agriculture and gardening.



2021-2022 events

As COVID restrictions lessened, the Hawai'i 4-H program was able to bring back several in-person events and continued to support virtual and hybrid events.

'Aha'ōlelo

The 'Aha'ōlelo Ali'i is chosen based on the 4-H program values of leadership and community service. This year's recipients were Dr. Helene and Mark Zeug who have supported, directed, and innovated the Hawaii State 4-H Program for almost 40 years.



Giant Fruit & Vegetable Contest

Youth on the islands of Hawai'i, O'ahu, and Moloka'i participated in the 4-H Giant Fruit and Vegetable Contest, which support growing a giant fruit/vegetable for a fun, friendly competition through education workshops.



State Livestock Judging and Shows

The state livestock show returned after a COVID-19 break and was held on July 8-10, 2022 at the Hawai'i State Farm Fair at Kuoloa Ranch.

Youth showed swine, lamb, goat, beef, and poultry entries, and participated in showmanship and judging contest.



State Horse Show

Maui, O'ahu, and Hawai'i counties had contestants participate in the Hawai'i State 4-H Horse Show held on August 26-27, 2022. Youth demonstrated skills/knowledge in showmanship, performance, equitation, and hippology judging.



State Cooking Contest

Several entries were awarded in both the lower and upper divisions and new Healthy Local Seafood Award to the winning entry featuring local seafood. Participants created short videos demonstrated a healthful recipe incorporating local ingredients.



Shooting Sports: Archery

Inactivity due to COVID-19 restrictions had many of the shooting sports programs across the state go into hiatus. In spring 2022 O'ahu county retrained a group of adult volunteers for the Level 1 Archery Instruction Certificate to get the program back up and running.

SUMMARY AND HIGHLIGHTS

The Hawai'i State 4-H Program continued to rebuild its programs after COVID-19 and focused its efforts on adding new leaders and membership in the Cloverbud (K-3) range to create a stronger base for moving forward. Most counties were able to add more than one new Cloverbud club and on-board new volunteers to grow their programs. These adjustments led to 66% of the membership in 2021-2022 to be in the K-5 range.

Faculty and staff in the Hawai'i State 4-H Program reached 13,556 direct contacts during the 2021-2022 program year

377 adults volunteered with 4-H programs in the state with a total of 15,080 hours. Their time is valued at \$451,646

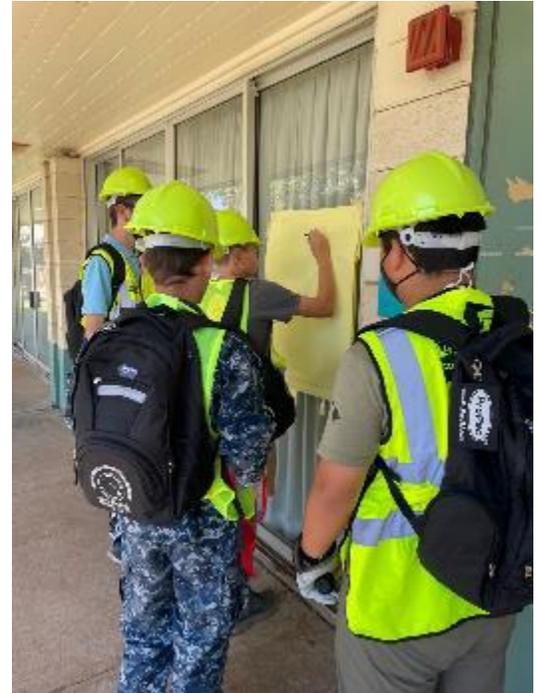
- **Statewide and Multi-County Programs**
 - 2,156 youth gained life skills through participation in positive youth development programs
 - 1,471 Hawai'i youth participated in 4-H gardening programs
 - 4 middle school and 1 high school student winners in the state virtual cooking contest
 - 38 participants in the 'Aha'olelo conference and Ali'i ceremony
 - 30 youth in 2 counties participated in the Giant Fruit & Vegetable Contest
 - 120 teen participants in the MyPI Hawai'i Disaster Preparedness program
 - 15 youth placed entries or participated in the judging contest at the State 4-H Livestock Show
 - 63 participated in public speaking / demonstration events statewide
- **Community Service Projects**
 - Collected, packed, and delivered personal care kits to domestic violence support organization
 - Donated time to bell-ringing for the Salvation Army
 - Painted holiday paintings to donate to elder care homes
 - Packed and donated holiday shoebox packages for overseas children
 - Donated time multiple days at the O'ahu Garden Center Work Day
 - Led collection drive for food, books, toiletries, school supplies and other items for distribution
- **Programs and Workshops**
 - 353 participants in 4-H Military Partnership clubs and programs
 - 3,650 participants in non-livestock 4-H programs
 - 217 youth enrolled in Food/Nutrition/Cooking programs
 - 24 youth participated in new 4-H projects and programs on the island of Lāna'i



Short-Term Impacts

Changes in awareness, knowledge, attitudes, skill, etc.

- Through topic-based projects, youth gained skills and knowledge in environmental education (18%), career and workforce preparation (12%), civic engagement (12%), volunteer service (12%), leadership (9%), food and nutrition (8%), and communications/expressive arts (5%).
- 23% of youth in new community clubs participated in exploratory 4-H curriculum (23%), which introduces them to several project ideas to allow them to find their spark.
- 120 high school participants completing the disaster preparedness program gained knowledge and skills in the following areas: fire suppression (75%), triage (75%), and first aid (60%). Participants also demonstrated skills in these areas as well as search and rescue during a final simulation exercise.
- Youth participating in a life skills program increased prosocial behavior by 4.3 %, and an increased feeling support by their friends by 33% at the end of the program. Youth also improved several work and college readiness skills.
- Teen mentors showed a change in life skills, including a 4.76% increase in decision making skills.
- Evaluation from the Creating a Village program showed a strong connection between youth's life skills and resilience development and between youth's work preparedness activities and prosocial values such as honesty, respect, and social responsibility.
- 86% of volunteers in a 4-H 101 training and 100% attending a curriculum training felt it was relevant and helpful for their role as volunteers. Participants include UH Mānoa HDFS and Leeward Community College interns who facilitated a 4-H SPIN Club or presented a workshop for youth and teens.
- 75% of parents from a Junior Master Gardener training reported an increase in understanding/knowledge in regards to general gardening information and youth gardening activities.



Mid-Term Impacts

Behavior change, practice/technology adopted, policy/procedure change, etc.

- Youth submitting portfolio books documenting their entire 4-H experience showed strong leadership (75%), civic engagement (91%), and communication (80%) skills developed through several years of 4-H.
- During the Learn, Grow, Eat and Go (LGEG) program 20% of participants showed a change in preference from soda to fruit juice; 30% showed an increase in eating any orange vegetables; and 40% showed an increase in eating any legumes while 50% of the participants showed an increase in eating other vegetables.
- 80% of the new 4-H Archery Certified Volunteer leaders have practiced and adopted the archery program and applied it while working with the 4-H members.



Long-Term Impacts

Planned Change in Social, Economic, Civic, or Environmental Conditions

- Increasing youth enrollment in the 4-H program deliveries will also develop more partnerships and collaborations with other organizations and agencies in order to engage youth within the county with the largest youth population. Working together with other organizations and agencies results in sharing resources, staff time, facilities, and engaging more youth during a time when funding and recruitment are major roadblocks for implementing programming.
- Youth in 4-H programs are 3.4 times more likely to contribute to their communities compared to youth in other out-of-school programs. Youth participating in service projects learn to address local issues and develop public speaking, leadership, and decision-making skills, thus making them prepared for the future.
- Through mentoring, youth have better connections with peers and adults, develop competence, confidence and character, become connected to their communities, and learn to care about others. Through these connections, youth are more likely to make more community and civic contributions than their peers. By creating an environment for youth to achieve key developmental outcomes, they are more likely to transition to adulthood successfully and reduce the need for support services and resources.
- Through participation in 4-H positive youth development programs, youth develop life skills and knowledge that can support their physical health, mental well-being, financial success, education and workforce goals, and civic engagement, which will allow them to become productive members of society. Having contributing members of society results in greater tax revenues and consumer spending, ensuring youth are aware of local career pathways increases the likelihood that young people will stay in, or return to, their communities.

Find Out More by visiting the Hawai'i State 4-H Program Website

<http://manoa.hawaii.edu/ctahr/4h/>



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