

The FCC's Affordable Connectivity Program

Paving the Information Highway in Hawaii

Daniel C. Smith January 15, 2023 smithdan@hawaii.edu





SIGN UP FOR THE AFFORDABLE **CONNECTIVITY PROGRAM!**

Under the program, eligible Hawaii households can receive:

Up to \$30 a month towards broadband service from a participating provider



Up to \$75 towards broadband service for households on **Hawaiian Home Lands**



Participating internet service providers include:

- **Hawaiian Telcom**
- Spectrum (Charter)
- T-Mobile
- Verizon

For more information, visit broadband.hawaii.gov/acp



(f) @digitalequityhawaii



g @digitalequityhi





What's

about?

it all

Representative Offerings





15-18 JANUARY 2023 | HONOLULU, HAWAII

@PTCouncil #PTC23



Hawaii: 37,023 ACP Households and counting . . .

- Mahalo in particular to
 - health-related agencies
 - ISP's
- Estimates vary, but at least 50,000 more households are eligible
- At the current rate of about 1,500 new sign-ups per month, it will take almost three years to add 50,000 new households
- 37,023 is about 8.1% of all Hawaii households compared to about 11.9% nationally.
- Fortunately, Congress and the FCC have planned for outreach



How are we doing and where?

Rank	City	Population	County	Island	Zip Code	Total Subs	% of pop.
1	Hoolehua	1,303	Maui	Molokai	96729	115	8.8%
2	Pahoa	14,409	Hawaii	Hawaii	96778	1,172	8.1%
3	Kaunakakai	4,503	Maui	Molokai	96748	300	6.7%
4	Waianae	48,519	Honolulu	Oahu	96792	3,165	6.5%
5	Hilo	46,165	Hawaii	Hawaii	96720	2,480	5.4%
6	Pepeekeo	2,060	Hawaii	Hawaii	96783	103	5.0%
7	Maunaloa	691	Maui	Molokai	96770	34	4.9%
8	Honolulu	54,628	Honolulu	Oahu	96817	2,656	4.9%
9	Honolulu	30,842	Honolulu	Oahu	96826	1,499	4.9%
	Waimanalo	10,034	Honolulu	Oahu	96795	447	4.5%

Table: Top 10 ZIP codes for ACP enrollments by percentage of population. Population sources: zipdatamaps.com and

@PTCouncil #PTC23

sometka.net; ACP enrollment: USAC.



SNAP and **ACP**

		SNAP	SNAP % HH,	ACP House-	ACP as %
	Households	Households	Nov. '22	holds	SNAP
Hawaii County	69,453	22,328	32%	6,431	29%
Honolulu County	312,795	51,615	17%	23,570	46%
Kalawao County	39		0%		
Kauai County	22,658	4,582	20%	1,202	26%
Maui County	54,479	9,485	17%	3,836	40%
State Totals	459,424	88,010		35,039	40%
Estimate of Pot	52,971				

Sources: NTIA Broadband USA Community Report, May 2022; USAC Nov. '22; HI State Human Services, Nov. '22



At Kukio Park Terrace Public Housing



Front Office





@PTCouncil #PTC23

Hawaii's ACP Outreach Grant Applications General outlines from the Broadband Hui meeting

- Hawaii Broadband and Digital Equity Office (HBDEO) applied with six potential subawardees
- One is the Univ. of Hawaii attempting to reach the 12,000 students with Pell Grants
- \$995,000 including for media campaigns
- Hawaii Literacy, centered on public housing applied for the Your Home, Your Internet Pilot Program
- Hawaii County has an active outreach program and active map challenging





Households to enroll	50,000	50,000	
Minutes per full sign-up, w/follow-up	30	30	
sign-ups/hr	2	2	
Hours	25,000	25,000	
hours per employee per month	160	32	
Navigator Employees	10	80	
Monthly hours	1,600	2,560	
Months to get all signed up	16	10	
Pay w/benefits/ hour	\$25	\$25	
Payroll	\$625,000	\$625,000	
Management & publicity	\$100,000	\$100,000	
Total Costs	\$725,000	\$725,000	
Cost per sign-up	\$14.50	\$14.50	

Table: Cost estimate to increase Hawaii ACP enrollment

PACIFIC TELECOMMUNICATIONS COUNCIL

Lots of navigators with diverse local connections looks like a good idea.



Conclusions

- With many more households eligible, signing them up should be a rewarding experience for both navigators and households
- ACP outreach will foster community awareness about broadband access and be good preparation for the required community consultations under the BEAD program – both for equity and physical infrastructure
- Use of the existing infrastructure cables and fibers will be expanded and deficiencies highlighted
- More households will enjoy benefits for both matters such as health and education, and entertainment streaming – as well as save money.

