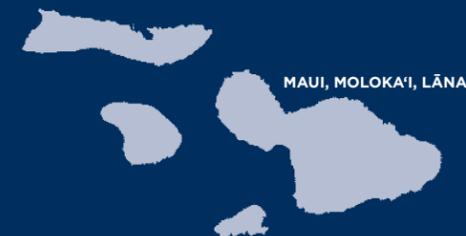




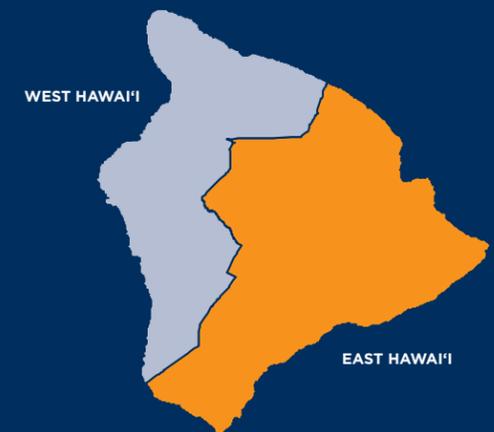
KAMEHAMEHA SCHOOLS®



KAUAI & NI'IIHAU



MAUI, MOLOKA'I, LĀNA'I



WEST HAWAI'I

EAST HAWAI'I

REGIONAL DATA BOOK

EAST HAWAI'I

JUNE 2018 PUBLIC RELEASE / FINAL
*Reproduced from the original June 2017 internal publication. Data or information
in this publication was obtained prior to the original publication date.*

Kamehameha Schools Regional Data Book

Version 1: June 2018

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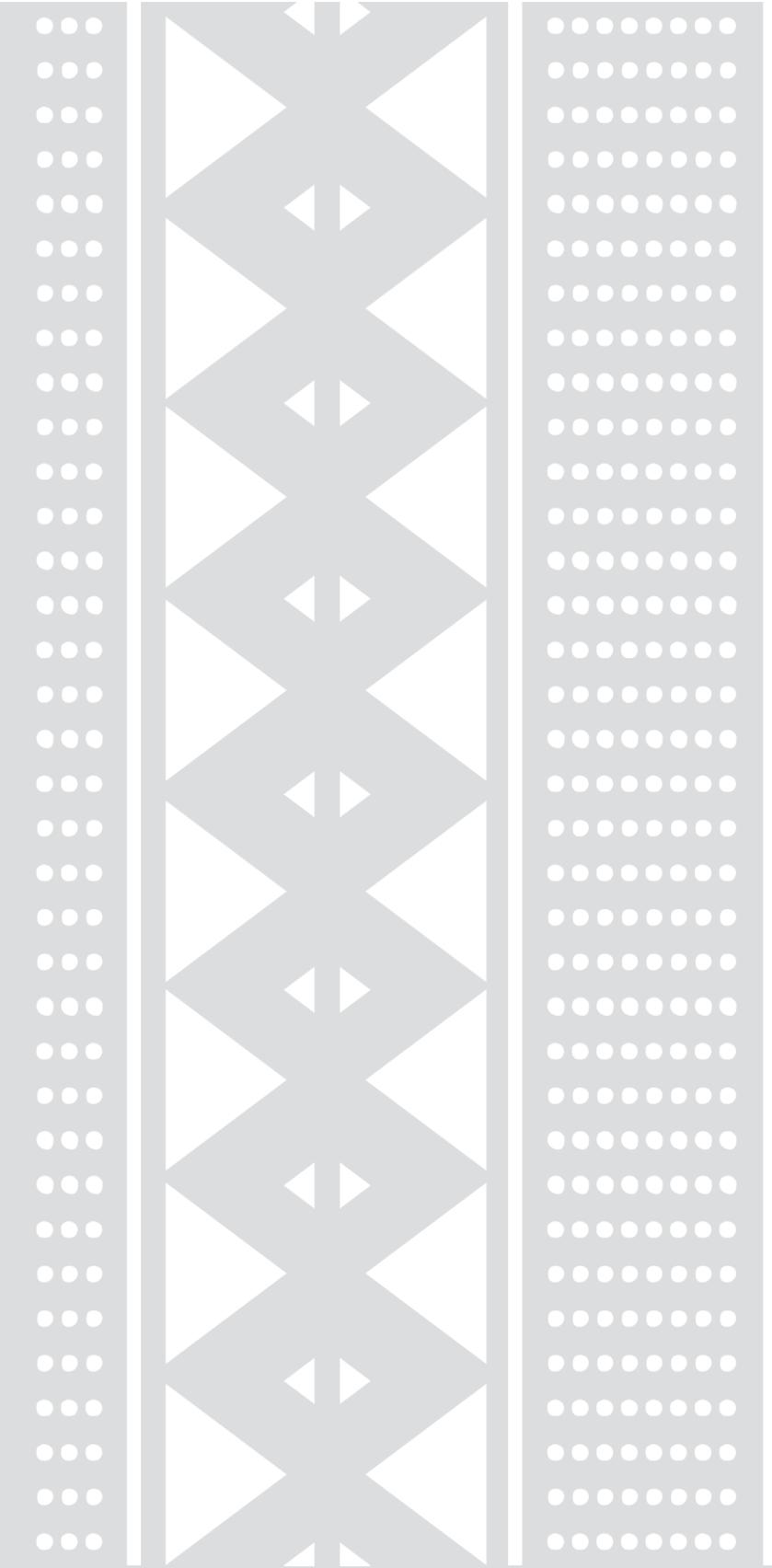
THIS REGIONAL DATA BOOK PREPARED BY



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INFOGRAPHIC SUMMARY

The Kamehameha Schools (KS) Regional Data Book provides an overview of community elements that shape the living and learning environment for Native Hawaiians in the East Hawai'i Region. The Regional Data Book seeks to establish a set of meaningful, available, and consistent indicators to inform KS decision makers and other personnel with respect to a KS Region. Information regarding socioeconomic conditions (population, income/employment, assistance, cost of living, and physical and emotional wellbeing), education (students, academic achievement, and teachers), and stakeholders and collaborators (landowners and regional infrastructure) all inform and impact student educational outcomes and investments made to improve education in the Region. The infographic summary below provides a snapshot of region-specific data about the East Hawai'i Region.

 TOTAL POPULATION
 NATIVE HAWAIIAN POPULATION



68%*
PROJECTED GROWTH OF THE NATIVE HAWAIIAN POPULATION IN THE REGION, 2010-2040

56,967
PROJECTED NATIVE HAWAIIAN POPULATION IN THE REGION, 2040

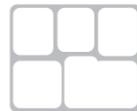


\$55,866*
AVERAGE NATIVE HAWAIIAN HOUSEHOLD INCOME IN THE REGION, 2010

12%*/19%*
STATE/REGION PERCENTAGE OF NATIVE HAWAIIANS LIVING BELOW THE POVERTY LEVEL, 2010



7%*/8%*
STATE/REGION PERCENTAGE OF NATIVE HAWAIIANS AGED 25 YEARS AND OLDER WHO ARE UNEMPLOYED, 2010



89% KA'Ū
88% PĀHOA
83% KEA'AU
67% HILO
54% WAIĀKEA

PERCENTAGE OF THE TOTAL POPULATION OF DOE K-12 STUDENTS IN THE REGION WHOSE FAMILY INCOMES QUALIFY FOR THEM TO RECEIVE FREE AND REDUCED-PRICE LUNCH BY DOE COMPLEX (SY15-16)



58%*/56%*
STATE/REGION NATIVE HAWAIIANS WHO LIVE IN OWNER-OCCUPIED HOMES, 2010



38%*/43%*
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN FAMILY HOUSEHOLDS IN THE STATE AND REGION THAT ARE HEADED BY A SINGLE PARENT, 2010



43%*/34%*
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN WORKERS 16 YEARS AND OLDER WITH A COMMUTE TIME GREATER THAN 30 MINUTES, 2010

14%*/14%*
STATE/REGION PERCENTAGE OF NATIVE HAWAIIANS 25-YEARS AND OLDER IN THE STATE AND REGION WHO HAVE ATTAINED A BACHELORS DEGREE OR HIGHER, 2010



36%
5,594
NUMBER AND PERCENTAGE OF DOE K-12 STUDENTS IN THE REGION WHO ARE NATIVE HAWAIIAN (SY15-16)



4%-15%
RANGE OF THE PERCENTAGE BY COMPLEX OF DOE STUDENTS IN THE REGION WHO WERE RETAINED IN 9TH GRADE (SY15-16)



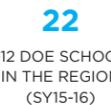
78%/76%
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN DOE STUDENTS IN THE STATE AND REGION WHO GRADUATED ON-TIME (SY14-15)



32%-41%
RANGE OF THE PERCENTAGE BY COMPLEX OF DOE TEACHERS IN THE REGION WITH AN ADVANCED DEGREE (SY15-16)



4
HAWAIIAN-FOCUSED CHARTER SCHOOLS IN THE REGION (SY15-16)



22
K-12 DOE SCHOOLS IN THE REGION (SY15-16)



6
PRIVATE K-12 SCHOOLS IN THE REGION (SY15-16)



20
KS-COLLABORATING PROGRAMS IN THE REGION (FY17-18). NOTE: MORE THAN ONE PROGRAM MAY BE PROVIDED BY THE SAME ORGANIZATION.

KAMEHAMEHA SCHOOLS

DHHL
TOP 2 LARGEST LANDOWNING NATIVE HAWAIIAN ORGANIZATIONS IN THE REGION

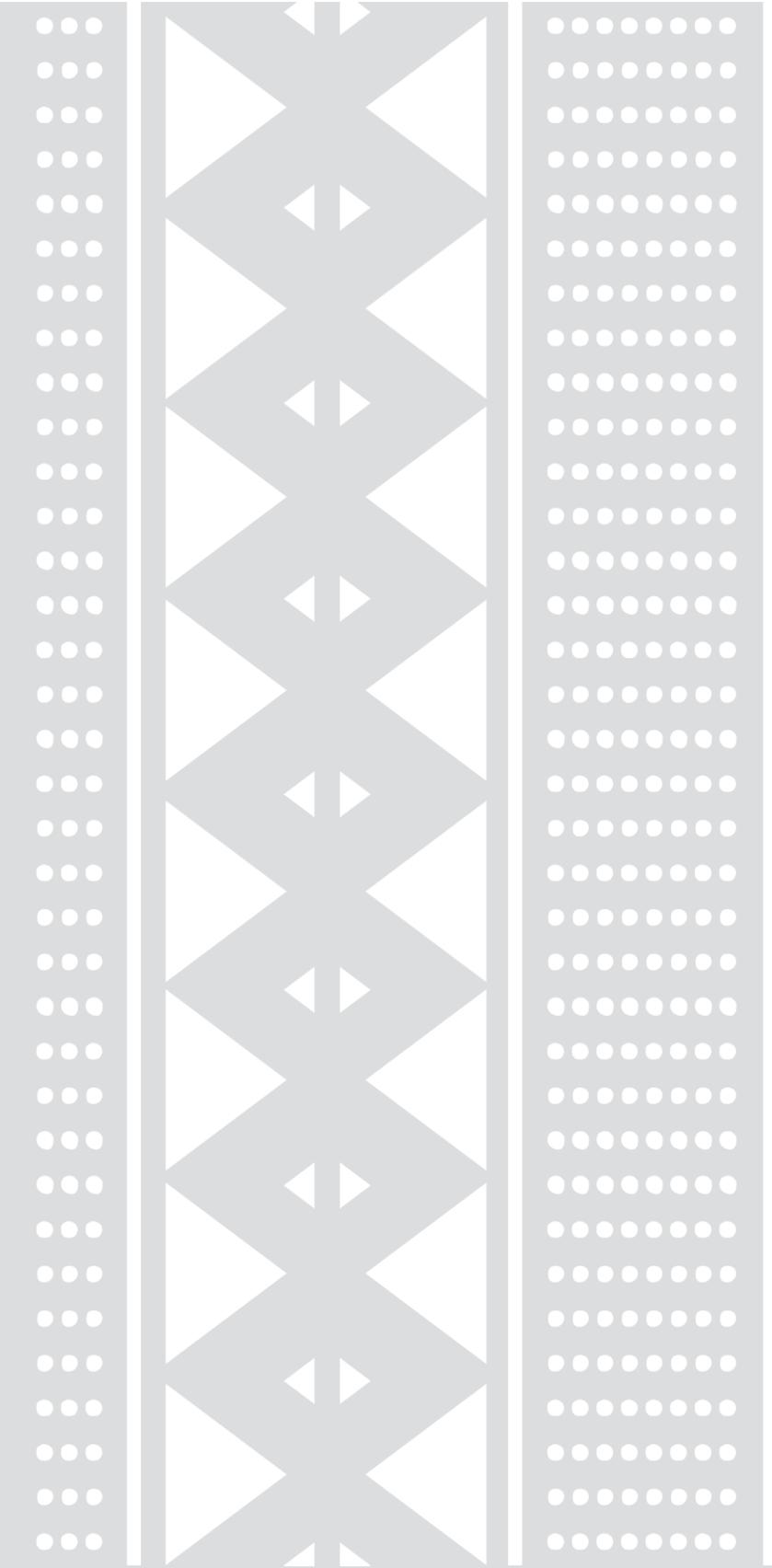
EAST HAWAI'I'S 5 LARGEST LANDOWNERS INCLUDE:

- STATE OF HAWAI'I
684,025 ACRES
- FEDERAL GOVERNMENT
359,573 ACRES
- KAMEHAMEHA SCHOOLS
86,299 ACRES
- DHHL
78,396 ACRES
- W.H. SHIPMAN
16,805 ACRES

THERE ARE 9 KS REGIONS—INCLUDING EAST HAWAI'I



Note: Data marked with an * is sourced from KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.



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**THE REGIONAL DATA BOOK:
A SUPPORT TOOL FOR REGIONAL ACTION PLANNING**

The Regional Data Book is a tool that supports decision makers at Kamehameha Schools (KS) in integrated and cooperative decision making across the organization, in fulfillment of the Strategic Vision 2040 (SV2040), Strategic Plan 2015-2020 (SP2020), and its affiliated plans.

The Regional Data Book will support regional action planning by providing regional leadership with a holistic picture for a given Region. The Regional Data Book does not provide the answers; it guides inquiry. Regional leadership utilizes the Regional Data Book to consider the activities and characteristics, internal and external to KS, that impact the organization's ability to achieve its mission and vision and identify potential opportunities for KS to leverage its assets and partnerships for collective impact while reducing operational risk.

THE KS VISION, AS EXPRESSED IN THE STRATEGIC VISION 2040, IS:

“WITHIN A GENERATION OF 25 YEARS, WE SEE A THRIVING LĀHUI WHERE OUR LEARNERS ACHIEVE POSTSECONDARY EDUCATIONAL SUCCESS, ENABLING GOOD LIFE AND CAREER CHOICES. WE ALSO ENVISION THAT OUR LEARNERS WILL BE GROUNDED IN CHRISTIAN AND HAWAIIAN VALUES AND WILL BE LEADERS WHO CONTRIBUTE TO THEIR COMMUNITIES, BOTH LOCALLY AND GLOBALLY.”

1

REGIONAL OVERVIEW

MAP 1: KS Regional Delineation



THERE ARE 9 REGIONAL DATA BOOKS—ONE FOR EACH OF THE 9 KS REGIONS.

THE REGIONAL DATA BOOK IS ORGANIZED INTO FIVE MAIN SECTIONS

Regional Overview orients the reader to KS' regional approach and the specific region being covered.

1

Regional Overview

Wellbeing in the Region discusses those factors outside the school walls that impact Native Hawaiian communities.

2

Wellbeing in the Region

Education in the Region discusses those factors within school walls that are related to the KS SP2020 Goals and milestones.

3

Education in the Region

Stakeholders and Collaborators in the Region identifies key stakeholders and collaborators in the Region, including their organizational foci and current and planned activities within the Region.

4

Stakeholders and Collaborators in the Region

Regional Lands provides information on Major Landowners, KS Lands, and Land Use Classifications.

5

Regional Lands

READING THE REGIONAL DATA BOOK

The Regional Data Book is a support tool for regional action planning. As previously discussed, the Book is intended to provide the reader/decision-maker with a point-in-time view into a particular Region's physical, socioeconomic, and educational characteristics; the major stakeholders within a Region; and the current KS activity in the Region. The Books for all regions are formatted with a consistent structure for ease of review across multiple Books.

POTENTIAL USES OF THE REGIONAL DATA BOOK INCLUDE:

AS A REGIONAL OVERVIEW

The Regional Data Book, as a whole, is intended to provide the reader with a holistic point-in-time view of a Region. Reading through the document will provide the reader with an overall understanding of the Region and the current state of affairs within the Region.

TO IDENTIFY A PARTICULAR DATA POINT

Data are presented in various forms throughout the Regional Data Book—tables that capture granular data as well as infographic or visual forms that display larger regional indicators and comparisons. The reader can dig even deeper into data that he/she has found compelling by going straight to the data source.

TO CONSIDER A SPECIFIC ISSUE AREA

A reader could read through the entire Regional Data Book with a specific issue area in mind (for example, Hawaiian immersion schooling) and consider each of the data points within the sections and how they may relate to the successful execution of the reader's goal. Synthesis provided in the document may provide specific connections for the reader to consider, or provide a guide to how the reader might determine other connections not yet identified, and particularly those related to his/her area of interest.

TO IDENTIFY INTERNAL OPPORTUNITIES

KS staff working in a Region should be able to find their work and partnerships captured within the Regional Data Book data. KS staff may also use the Regional Data Book and its approach to consider how their work aligns with and enhances the work of other KS staff in the Region.

TO IDENTIFY EXTERNAL COLLABORATION OPPORTUNITIES

The reader may use the Regional Data Book to identify significant stakeholders with whom they could collaborate. The Regional Data Book may also generate conversations resulting in the identification of other relevant stakeholders to consider for partnership.

FOR REGIONAL ACTION PLANNING TEAMS AND DECISION MAKING

Each Regional Data Book presents a view on a Region that may be used by regional planning teams as planning efforts commence and evolve. The Regional Data Book may also be used as a discussion starter, a reference data book, and a means of identifying trends and points of interest for further research and consideration.

FIGURE 1: Regional Data Book Approach

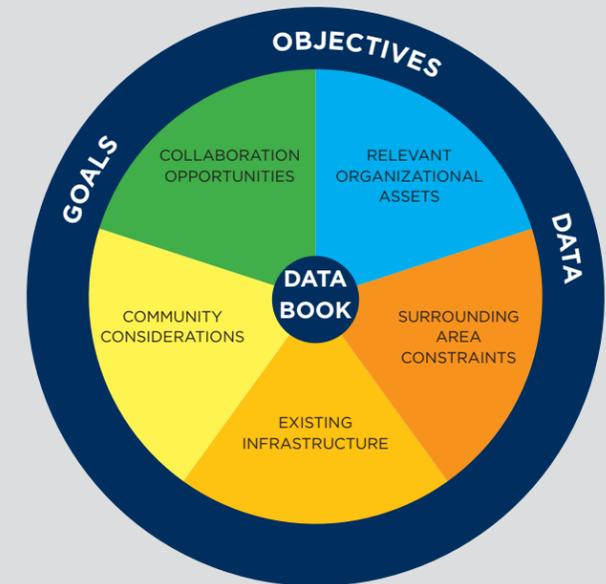


Figure 1 Regional Data Book Approach outlines the internal and external goals, objectives, and data captured by the Regional Data Book for consideration in decision-making. The goals, objectives, and data herein include:

- Collaboration opportunities
- Relevant organizational assets
- Surrounding area constraints
- Existing infrastructure
- Community considerations

EAST HAWAI'I REGION OVERVIEW

This section provides a brief overview of the Region—the location of KS' lands, the context of KS' legacy lands, and the State of Hawai'i Department of Education (DOE) complex delineations and U.S. Census boundaries for which data is provided herein.

Map 2 Regional Overview depicts transportation systems, government landowners, DOE complex boundaries, and KS-owned lands in the Region.

HAWAI'I DEPARTMENT OF EDUCATION (DOE) COMPLEX AREAS AND COMPLEXES IN THE REGION

The Region encompasses two DOE complex areas: Hilo-Waiākea and Ka'ū-Kea'au-Pāhoa. The Hilo-Waiākea Complex Area includes two complexes: Hilo, and Waiākea. The Ka'ū-Kea'au-Pāhoa Complex Area includes three complexes: Kea'au, Pāhoa, and Ka'ū.

REGIONAL FEDERAL, STATE, AND COUNTY LANDS

The federal government owns and manages about 359,573 acres, the State owns and manages about 684,025 acres, and DHHL manages about 78,396 acres in the Region. Landowners and potential partners are described further in Section 4 Stakeholders & Collaborators in the Region.

ELECTED OFFICES

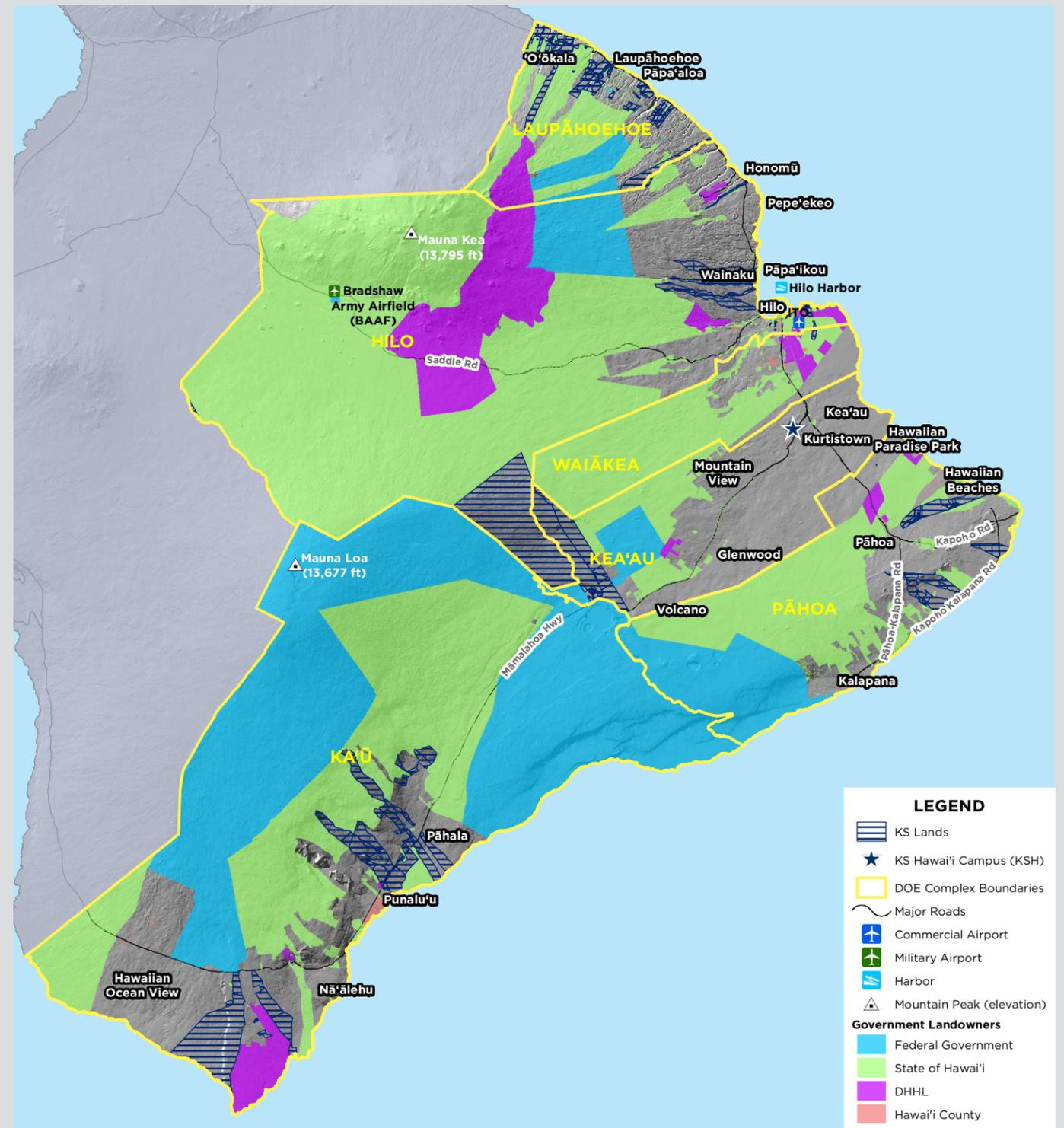
The elected officeholders listed in Table 1 Regional Federal, State, and County Elected Offices are current as of April 2017. The table's presence in the document does not constitute endorsement of any individuals but rather identifies offices for KS planning purposes only.

TABLE 1: Regional Federal, State, and County Elected Offices

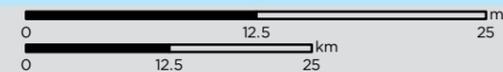
LEVEL	OFFICE	DISTRICT/AREA	NAME	TERM ENDS
FEDERAL	U.S. SENATOR	US SD1	Mazie Hirono	January 2019
		US SD2	Brian Schatz	January 2023
	U.S. CONGRESSIONAL REPRESENTATIVE	US CD1	Colleen Hanabusa	January 2019
		US CD2	Tulsi Gabbard	January 2019
STATE	GOVERNOR	STATE OF HAWAI'I	David Ige	December 2018
	LT. GOVERNOR	STATE OF HAWAI'I	Shan Tsutsui	December 2018
	OHA TRUSTEE	HAWAI'I ISLAND	Robert Lindsey Jr.	November 2018
		STATE OF HAWAI'I	Keli'i Akina	November 2020
		STATE OF HAWAI'I	Rowena Akana	November 2018
		STATE OF HAWAI'I	John Waihe'e IV	November 2020
		STATE OF HAWAI'I	Leina'ala Ahu Isa	November 2018
	STATE SENATOR	SD1	Kaiiali'i Kahele	November 2020
		SD2	Russell Ruderman	November 2020
		SD3	Josh Green	November 2018
		SD4	Lorraine Inouye	November 2018
	REPRESENTATIVE	HD1	Mark Nakashima	November 2018
		HD2	Chris Todd	November 2018
HD3		Richard Onishi	November 2018	
HD4		San Buenaventura	November 2018	
HD5		Richard Creagan	November 2018	
HD6		Nicole Lowen	November 2018	
HD7		Cindy Evans	November 2018	
COUNTY	MAYOR	HAWAI'I COUNTY	Harry Kim	December 2020

Source: <https://portal.ehawaii.gov/>; <http://www.hawaiicounty.gov/>.

MAP 2: Regional Overview



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; DOE Complexes from Hawaii DBEDT 3/2017; Major Roads from TIGER U.S. Census Bureau, 2014; Government Landowners is derived from Large Landowners layer from DBEDT, Oct. 2013.



KS IN THE EAST HAWAI'I REGION

KS owns and manages lands in the Region for natural resources, clean energy, water resources, forestry, and uses for commercial, resort, and residential. These lands also serve as opportunities for rural economic development and, outside KS campuses, many opportunities for interaction between KS and the community. In addition, KS is a lessee of lands for preschools and a lessor of lands for offices, agricultural land, and commercial land.

In the Region, KS operates the Hawai'i Campus (KSH), six preschools, and several cultural- and 'āina-based education sites. Qualifying students from the Region are eligible to attend KSH.

HISTORIC LANDOWNERSHIP

The Region consists of three moku—Hilo, Puna, and Ka'ū—and a small portion of Hāmākua (Refer to the *West Hawai'i Regional Data Book* for details on Hāmākua). *Map 3 KS Legacy Lands in the Region* illustrates the land lineage of KS' original endowment and current lands.

MOKU O HILO

Hilo, known for its fishponds, abundant fresh water, wet taro fields, and large bay, was a population center for both royalty and commoners (Haun, 2008, p. 6). Present-day Hilo is the largest population center on the island of Hawai'i. It is the economic, political, industrial, and educational center of the island and the main transportation hub (Hilo International Airport and Hilo Harbor). Close to Hilo, the communities of Keaukaha, Wainaku, Pauka'a, Pāpa'ikou, Pepe'ekeo, and Honomū are integrated into the larger Hilo economy (KS LAD Hilo Asset Book, 2005). KS' North and South Hilo lands stretch along the eastern coast from Umauma in the north to Honohonou in the south. The 'ili kūpono of Honohonou includes commercial property, a residential subdivision of approximately 30 lots, fishponds, former pasture area, and agricultural property currently under license for quarry operations. Running north from Hilo are coastal farmlands and forest lands stretching from the ocean to conservation lands ma uka, such as in Kīkala, 'Alae, Pāhoehoe, Kulaikahonu, and Umauma (KS LAD Hilo Asset Book, 2005).

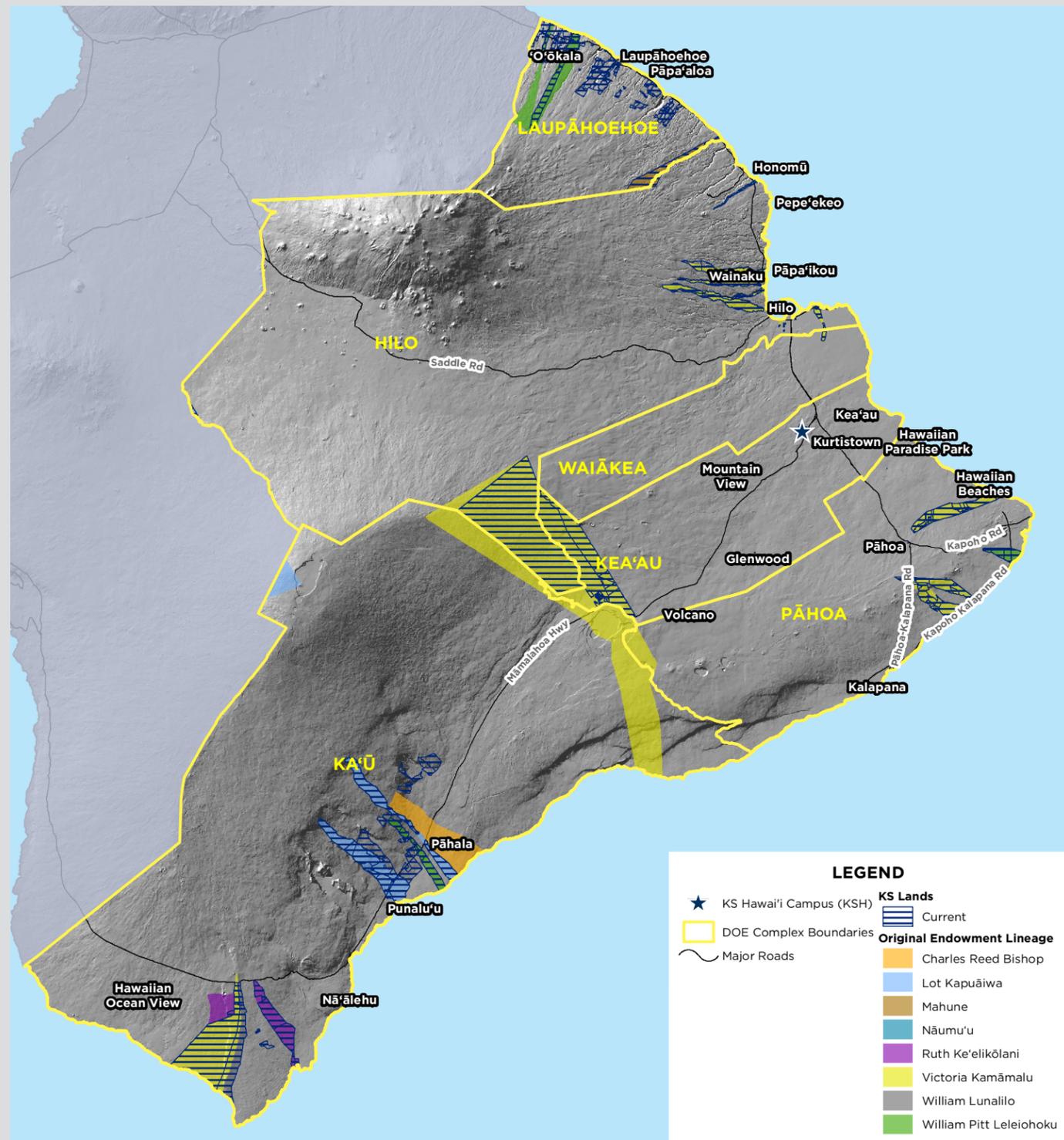
MOKU O PUNA

Puna was a region famed in mo'olelo for its associations with the goddess Pele and god Kāne. Puna was known for various products including 'eleuli, tapas made of Māmaki bark, fine mats made of young pandanus blossoms ('ahuhinalo), mats made of young pandanus leaves ('ahuao), and 'ō'ō and mamō feathers (Maly, 1998, p. 106). Today, Puna is an agricultural center and, despite the volcanic hazards, limited infrastructure, and public services, is the fastest growing district in Hawai'i County. KS's Puna lands are contained within the four ahupua'a of Kaueleau, Kau'a'ea, Puala'a, and Kahuwai, stretching along the southeastern coast between the communities of Kea'au and Kalapana (KS LAD Puna Asset Book, 2005). Kea'au is the site of Kamehameha Schools Hawai'i (KSH).

MOKU O KA'Ū

Historically, Ka'ū has been relatively isolated from the rest of the island. Due to the dry and rugged land, a few small communities were initially established along sheltered bays with access to fresh water and rich marine resources, with early Ka'ū settlements as fishing villages. By the time Kamehameha I united Hawai'i island (1790s), Ka'ū was a lava-covered landscape (Kamakau, 1991). Today, Ka'ū has the second smallest population—its largest communities are Nā'ālehu and Ocean View. The agricultural economy consists of coffee, orchids, vegetables, flowers, cattle, and macadamia nuts. Recent significant investment has been made in the forestry industry. Ka'ū has tourist accommodations and golf courses. KS lands extend from Puna to Ocean View and are used for agricultural activities

MAP 3: KS Legacy Lands in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 KS Legacy Lands layers as of 3/2017 maintained by Natural and Cultural Resources Department, Statewide Services, CE&R.

U.S. CENSUS DATA FOR THE REGION

2010 AMERICAN COMMUNITY SURVEY (ACS)

A primary data source for the Data Book is the U.S. Census. Census data are primarily drawn from the 2010 American Community Survey (ACS). At the time of publication, the 2010 Census data contained the most robust data for the Native Hawaiian population.

NOTES ON THE 2010 ACS DATA:

- Native Hawaiian census data were identified using the census population group “Native Hawaiian alone or in any combination.” This selection most closely resembles the KS definition of its beneficiaries. This is a self-reported measure and counts individuals who identify their ancestry to be fully or partially Native Hawaiian.
- Within each Region, data are presented and organized by Census Designated Place (CDP). CDPs are defined as “settled concentrations of population that are identifiable by name but are not legally incorporated under the laws of the state in which they are located. CDPs are delineated cooperatively by state and local officials and the Census Bureau, following Census Bureau guidelines” (U.S. Census Bureau, n.d.).

Refer to *Section 7 Appendix* for an expanded discussion on U.S. Census data.

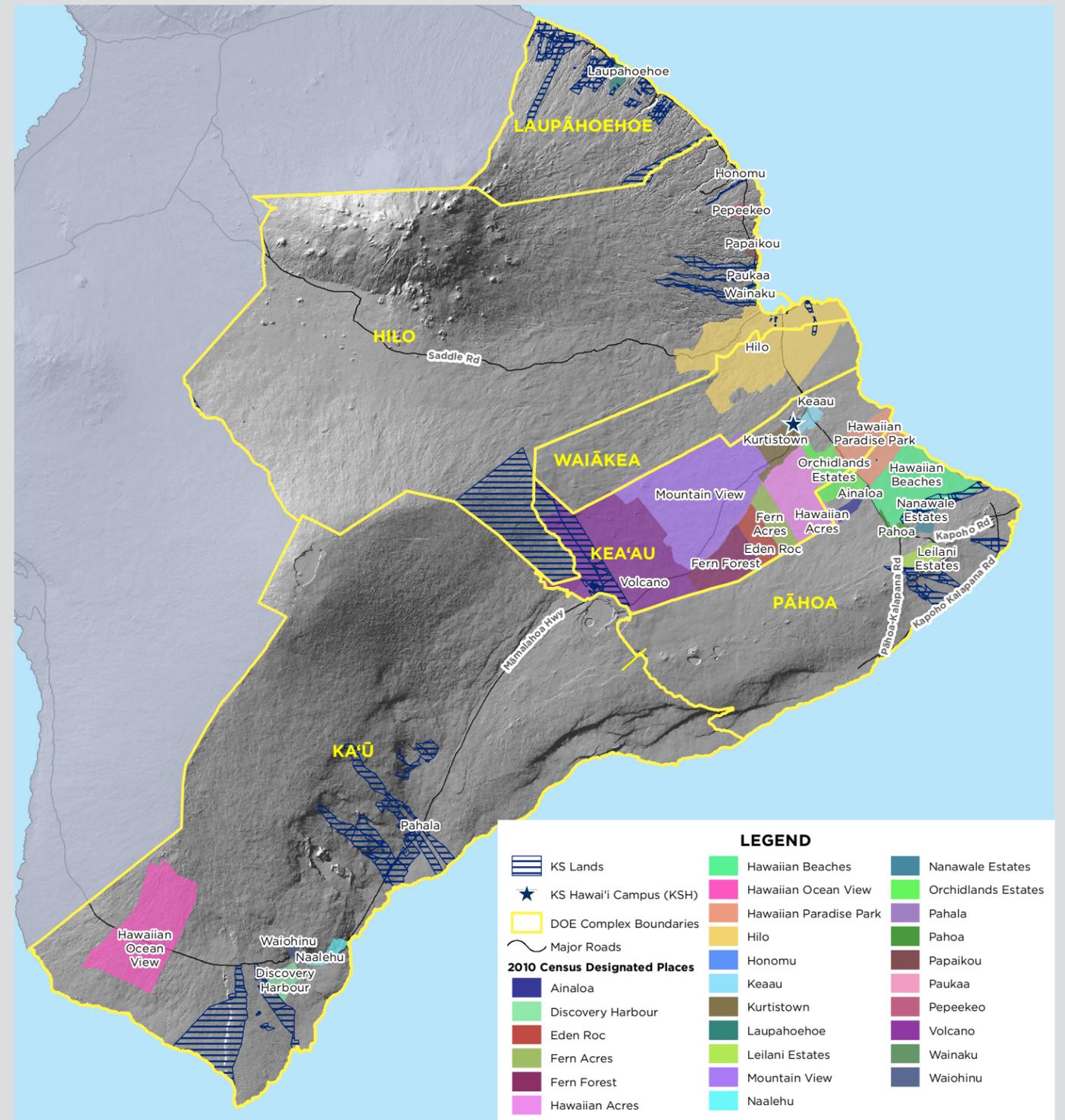
TABLE 2: Census Designated Places CDPs in the Region

CDPs
Ainaloa CDP
Discovery Harbour CDP
Eden Roc CDP
Fern Acres CDP
Fern Forest CDP
Hawaiian Acres CDP
Hawaiian Beaches CDP
Hawaiian Ocean View CDP
Hawaiian Paradise Park CDP
Hilo CDP
Honomu CDP
Keaau CDP
Kurtistown CDP
Laupahoehoe CDP
Leilani Estates CDP
Mountain View CDP
Naalehu CDP
Nanawale Estates CDP
Orchidlands Estates CDP
Pahala CDP
Pahoa CDP
Papaikou CDP
Paukaa CDP
Pepeekeo CDP
Volcano CDP
Wainaku CDP
Waiohinu CDP

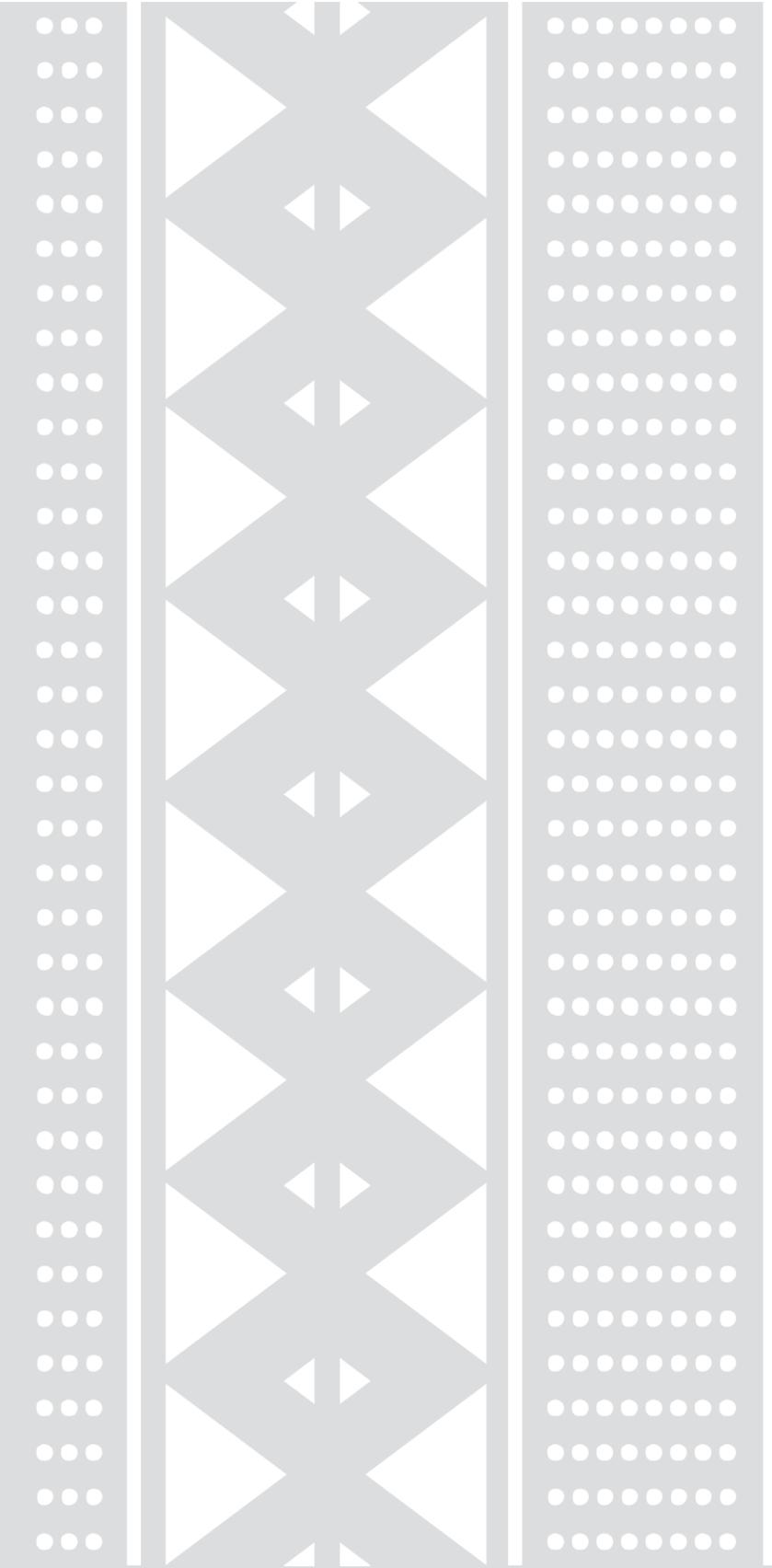
Note: The U.S. Census Bureau does not include diacriticals in CDP names.
Source: US Census Bureau, American Community Survey (ACS), 2010.

Note: Census Designated Places (CDPs) identified in Table 2 are labeled on the map below.

MAP 4: Census Designated Places (CDPs) in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; DOE Complexes from Hawaii DBEDT 3/2017; Major Roads from TIGER U.S. Census Bureau, 2014; 2010 Census Designated Places from TIGER U.S. Census Bureau, 2010; Note: The 2010 U.S. Census/American Community Survey (ACS) do not include diacriticals in CDP Names.



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2

WELLBEING IN THE REGION

Section 2 Wellbeing in the Region presents aspects within the community, often outside of the school walls, that are pre-determinants of Native Hawaiian wellbeing and educational success. These factors, which draw on the KS Ka Huaka'i framework, are enablers of educational success and represent the various levers that may be used to improve educational outcomes. Consideration of trends across these domains that are outside the school walls provides KS with a holistic understanding of the characteristics of the Region that may positively and negatively impact the outcomes of educational programs.

Material and economic wellbeing includes income, employment, and housing within the context of cost of living and affordability. Physical, social, and emotional wellbeing includes disease incidence, maternal and child health, and access to healthcare, and—from the Native Hawaiian perspective—it is reliant on a balance of all sources of wellbeing, including spirituality, language, cultural practice, and connection to the natural environment.

Material and economic challenges may impact the ability of a school, community, and 'ohana to support a student's educational achievement, as well as a student's ability to focus on or financially support the training necessary to realize his or her education and life aspirations. The aspirations of a community, 'ohana, or individual may be impacted by the physical and institutional infrastructure that surrounds them in the Region, including the types of employment and training offered; social supports; transportation; land uses that are available, accessible and visible; and current and planned development that shapes the regional environment. The goals of significant stakeholders that influence this regional physical and institutional infrastructure have the ability to hinder or support the material and economic wellbeing of a community as well as the ability of the community to reach shared and individual aspirations.

Immediate physical, social, and emotional wellbeing challenges may impact a community, 'ohana, and student's ability to focus on longer-term educational and life goals, as well as a school's ability to sufficiently support a student toward educational success. Overall wellbeing, spirituality, and connection to the natural environment support Native Hawaiian celebration of identity, cultural vibrancy, and resiliency in the face of many types of challenges and culture-based education delivered by culturally aware educators has been positively related to socio-emotional wellbeing, which is positively linked with math and reading test scores (Kana'iaupuni, Ledward, & Jensen, 2010).

Additionally, available, accessible, and visible social supports along with access to land and appropriate facilities have the ability to both affect the physical and emotional wellbeing of a community and be utilized as levers in the provision of relevant educational practice. Just as they impact material and economic wellbeing, the goals of significant stakeholders that influence the physical and institutional infrastructure in a region can hinder or support the achievement of physical, social, and emotional wellbeing of the Region's community.

2010

2010 NATIVE HAWAIIAN POPULATION

2010 NATIVE HAWAIIAN POPULATION

- 289,970 STATE
- 33,874 REGION

Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

The following pages present data on the Native Hawaiian population based upon 2010 census data. *Map 5: Statewide Native Hawaiian Population Density "Heat Map," Map 6: County Native Hawaiian Population Density "Heat Map," and Map 7: Region Native Hawaiian Population Density "Heat Map"* are Native Hawaiian population density heat maps for the state, and the relevant county and region. The "heat maps" present Native Hawaiian density data based upon a population model grounded in census CDP and census tract data that counts all Native Hawaiians in an area. It should be noted that:

- The heat maps may not include small Native Hawaiian populations (such as on DHHL lands) that fall below the model's threshold of 50 people per 1,000 acres.
- Each heat map displays Native Hawaiian population numbers scaled to the area represented in the particular map (state, county, or region).
- Native Hawaiian population numbers in *Maps 5 and 6* are sums of the population numbers present in the relevant CDPS and do not capture the total Native Hawaiian populations present.

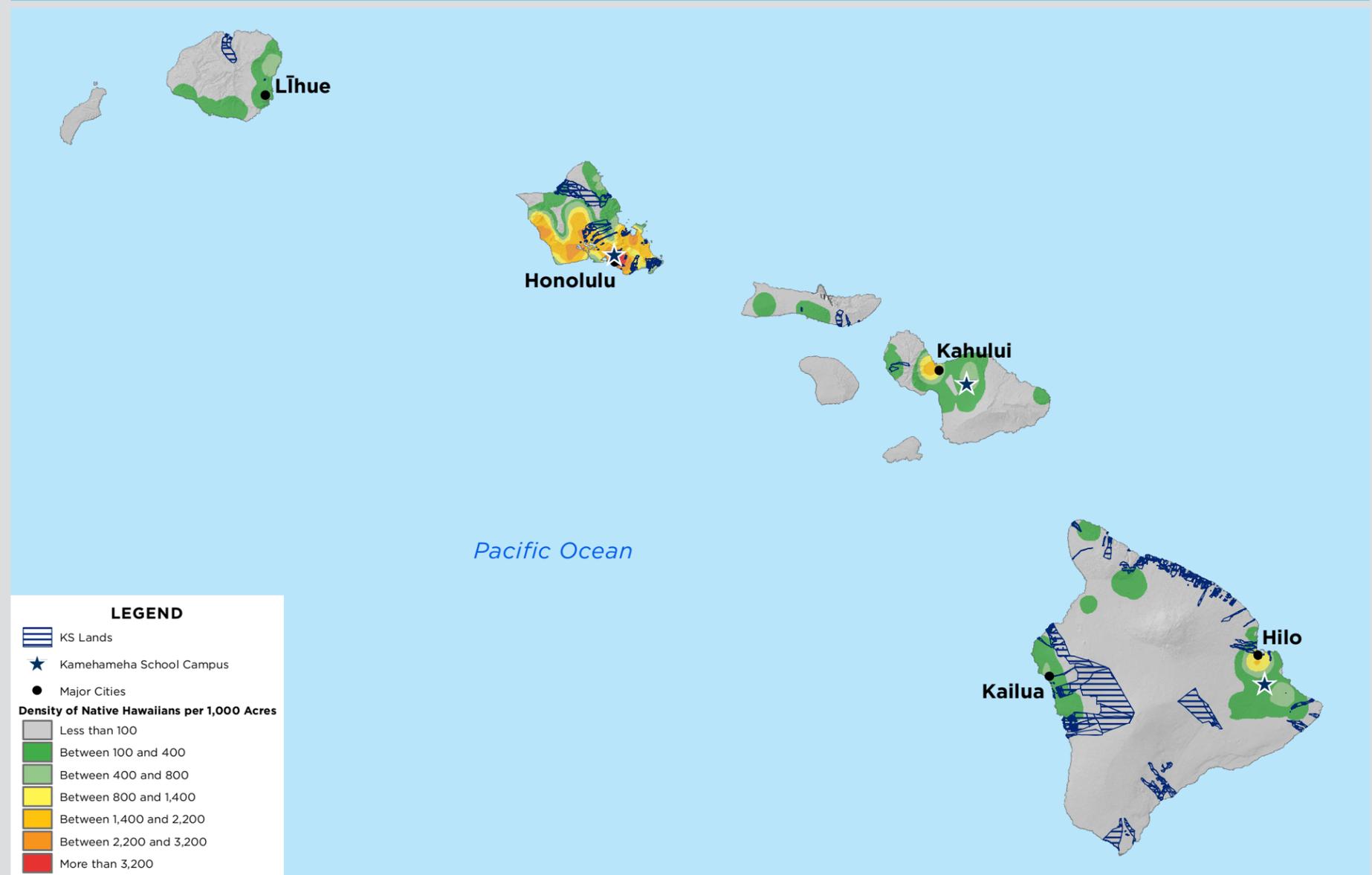
FOR DISCUSSING NATIVE HAWAIIAN POPULATIONS, THE FOLLOWING DEFINITIONS ARE USED:

$$\text{DISTRIBUTION} = \frac{\text{NATIVE HAWAIIAN POPULATION}}{\text{TOTAL NATIVE HAWAIIAN POPULATION}}$$

$$\text{CONCENTRATION} = \frac{\text{NATIVE HAWAIIAN POPULATION}}{\text{TOTAL POPULATION}}$$

$$\text{DENSITY} = \frac{\text{NATIVE HAWAIIAN POPULATION}}{\text{AREA (E.G., PER 1,000 ACRES)}}$$

MAP 5: Statewide Native Hawaiian Population Density "Heat Map"



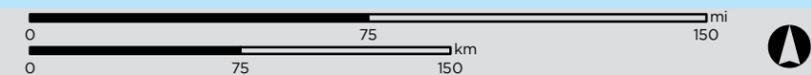
LEGEND

- KS Lands
- Kamehameha School Campus
- Major Cities

Density of Native Hawaiians per 1,000 Acres

- Less than 100
- Between 100 and 400
- Between 400 and 800
- Between 800 and 1,400
- Between 1,400 and 2,200
- Between 2,200 and 3,200
- More than 3,200

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; Major Cities layer from Esri's U.S. National Atlas Cities, 2000; Native Hawaiian Density layer created by Cardno, July 2014 using 2010 Census data.



2015-2040

2015-2040 NATIVE HAWAIIAN POPULATION

This page presents a forecasted Native Hawaiian population between years 2015-2040.

The model used to produce these projections was developed by KS Strategy & Innovations Group (S&I). Note that the model's projections hold constant the existing distribution of Native Hawaiians across the state and among age groups. Factors such as migration, urbanization, and economic activity may impact the Native Hawaiian population during the span of years from 2015 to 2040, but this is not captured in the projection.

TABLE 3: Statewide Projected Native Hawaiian Population by Age Groups (2015 - 2040)

AGE GROUPS	2015	2020	2025	2030	2035	2040
TOTAL	313,362	338,888	366,180	395,511	428,962	467,788
0	8,179	8,775	9,345	10,102	11,353	12,715
1	7,918	8,519	9,079	9,743	10,904	12,243
2	7,770	8,392	8,950	9,562	10,630	11,956
3	7,622	8,270	8,834	9,414	10,378	11,678
4	7,476	8,148	8,723	9,286	10,138	11,406
5	6,048	8,025	8,610	9,169	9,912	11,139
6	6,101	7,896	8,495	9,053	9,715	10,873
7	6,288	7,757	8,378	8,935	9,546	10,612
8	6,242	7,613	8,260	8,823	9,403	10,366
9	5,892	7,470	8,141	8,716	9,278	10,130
10	5,896	6,044	8,020	8,604	9,163	9,906
11	5,895	6,097	7,891	8,489	9,048	9,709
12	5,763	6,285	7,753	8,373	8,930	9,541
13	5,537	6,238	7,608	8,255	8,818	9,397
14	5,719	5,887	7,463	8,134	8,707	9,269
15	5,430	5,888	6,036	8,009	8,592	9,151
16	5,492	5,883	6,085	7,875	8,472	9,029
17	5,215	5,744	6,264	7,727	8,346	8,901
18	5,214	5,511	6,208	7,573	8,216	8,777
19	5,355	5,680	5,847	7,413	8,079	8,649
20 TO 24	26,931	26,408	28,387	30,101	38,169	41,243
25 TO 29	22,133	26,551	26,036	27,987	29,676	37,632
30 TO 34	21,224	21,810	26,163	25,656	27,578	29,242
35 TO 44	35,345	38,882	41,584	46,410	50,058	51,457
45 TO 54	32,997	31,061	31,948	35,171	37,565	42,001
55 TO 64	26,399	27,868	26,984	25,418	26,186	28,852
65 TO 74	15,084	16,910	18,706	19,736	19,067	17,979
75 TO 84	6,320	7,408	8,456	9,499	10,486	11,039
85+	1,879	1,870	1,928	2,280	2,549	2,896

Source: US Census Bureau, 2010 Census; data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools.

TABLE 4: Regional Projected Native Hawaiian Population by Age Groups (2015 - 2040)

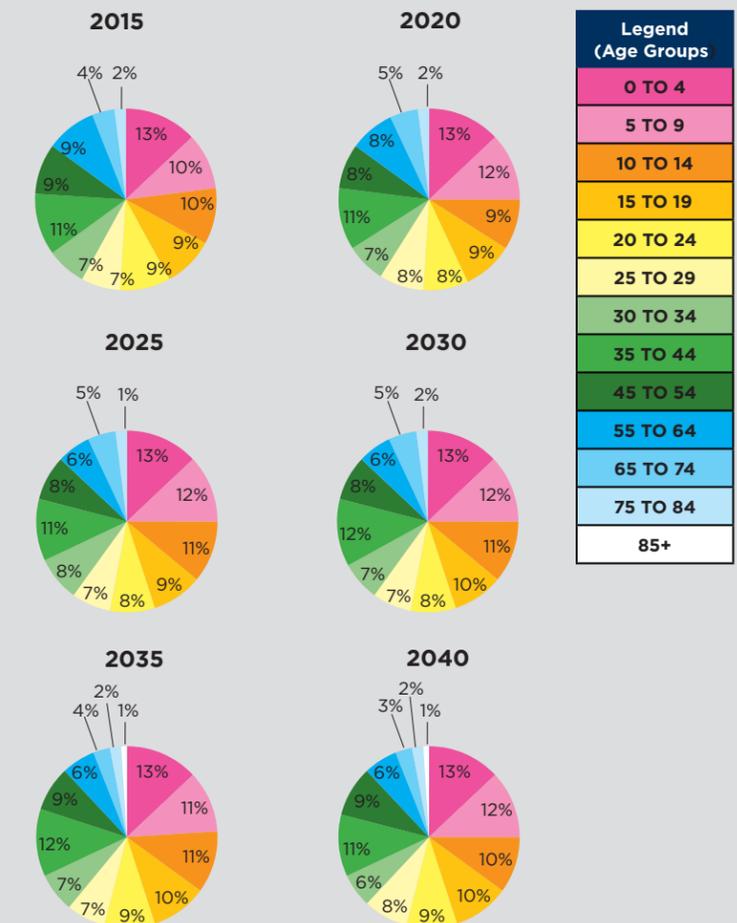
AGE GROUPS	2015	2020	2025	2030	2035	2040
TOTAL	36,898	40,227	43,838	47,719	52,044	56,967
0	988	1,078	1,162	1,254	1,396	1,558
1	955	1,043	1,127	1,212	1,343	1,500
2	935	1,023	1,108	1,190	1,312	1,465
3	913	1,004	1,091	1,172	1,283	1,432
4	890	987	1,075	1,156	1,256	1,400
5	748	970	1,058	1,140	1,231	1,369
6	743	952	1,040	1,123	1,208	1,339
7	789	933	1,021	1,106	1,187	1,309
8	780	912	1,003	1,090	1,170	1,281
9	754	890	986	1,074	1,155	1,255
10	729	747	969	1,057	1,140	1,230
11	695	742	952	1,039	1,123	1,207
12	750	788	932	1,021	1,105	1,187
13	719	780	911	1,002	1,089	1,169
14	729	754	889	985	1,073	1,154
15	669	729	746	968	1,056	1,138
16	685	693	741	950	1,037	1,120
17	642	747	786	929	1,017	1,102
18	651	715	776	907	998	1,084
19	617	724	749	883	978	1,066
20 TO 24	3,398	3,227	3,568	3,755	4,586	5,030
25 TO 29	2,715	3,350	3,182	3,518	3,702	4,521
30 TO 34	2,420	2,676	3,301	3,135	3,466	3,648
35 TO 44	3,940	4,457	4,928	5,784	6,216	6,383
45 TO 54	3,470	3,266	3,567	4,033	4,458	5,237
55 TO 64	3,150	3,130	2,836	2,677	2,931	3,311
65 TO 74	1,612	1,964	2,232	2,213	2,003	1,899
75 TO 84	639	762	908	1,110	1,251	1,232
85+	173	184	194	236	275	341

Source: US Census Bureau, 2010 Census; data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools.

THERE WILL BE APPROXIMATELY 56,967 NATIVE HAWAIIANS IN THE REGION IN 2040

Source: US Census Bureau, 2010 Census; Note: Data compiled by KS Strategy & Innovations Group (S&I).

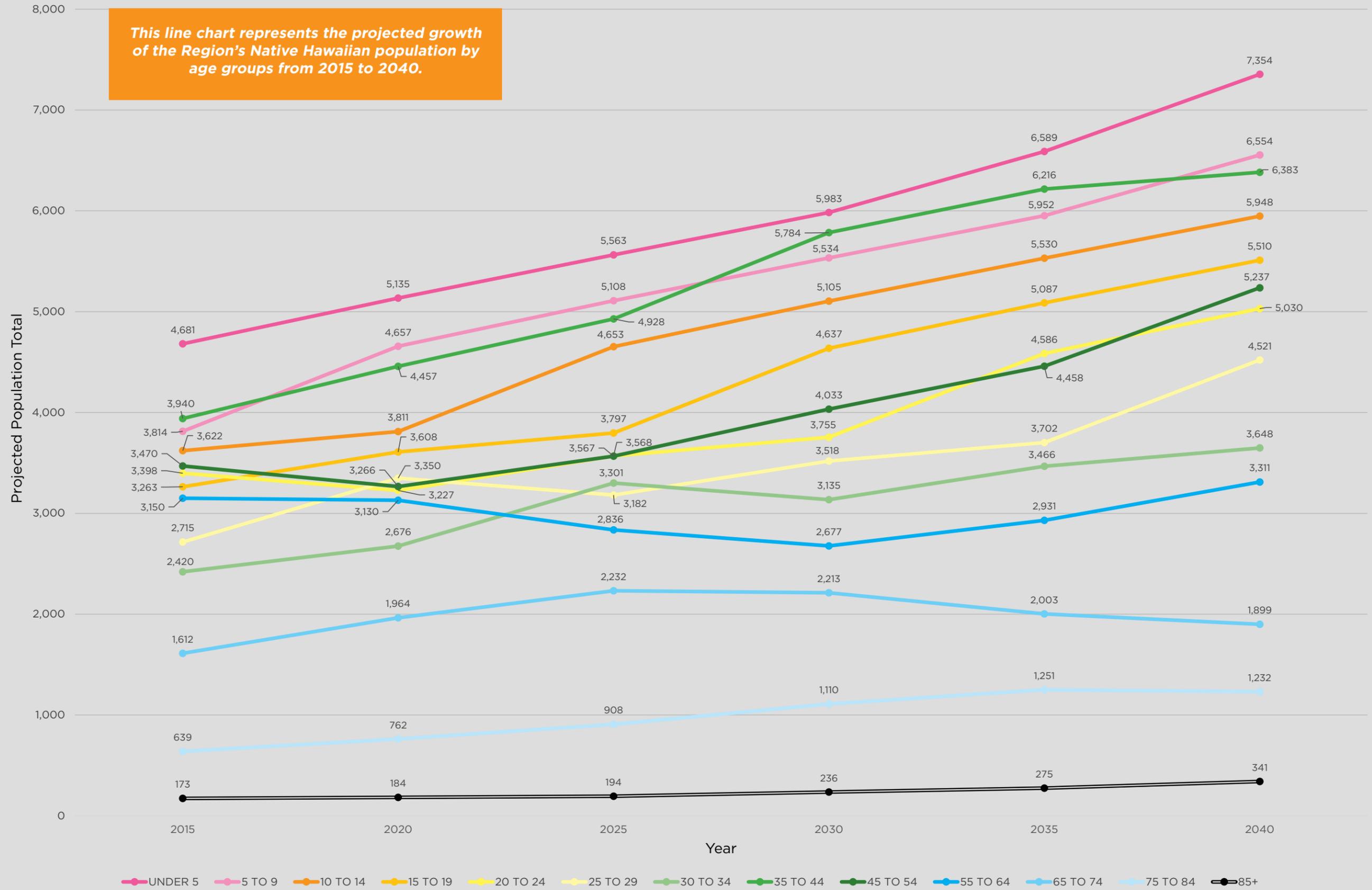
FIGURE 2: Composition of Regional Projected Native Hawaiian Population by Age Groups (2015 - 2040)



Source: US Census Bureau, 2010 Census; data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools.

2015-2040 NATIVE HAWAIIAN POPULATION (CONT'D)

FIGURE 3: Regional Projected Native Hawaiian Population by Age Groups (2015-2040)



MATERIAL & ECONOMIC WELLBEING

FIGURE 4: Material and Economic Wellbeing Summary

MEAN & MEDIAN HOUSEHOLD INCOME

Mean & median household income in the past 12 months.

Household income: Includes income of the householder and all other people 15 years and older in the household, whether or not they are related to the householder (ACS, 2012).

Mean & median household income: "Median income is the amount which divides the income distribution into two equal groups, half having income above that amount, and half having income below that amount. Mean income (average) is the amount obtained by dividing the total aggregate income of a group by the number of units in that group" (U.S. Census Bureau, 2010).

POVERTY

Households with income in the past 12 months below poverty level - all families.

The 2010 Census Poverty Threshold for a family of two adults and two children nationwide was \$22,113 (U.S. Census Bureau, 2010).

UNEMPLOYMENT

Percent of civilian labor force, unemployed, as a percentage of the total population 25-64 years old.

CASH PUBLIC ASSISTANCE

Percentage of households receiving cash public assistance within the last 12 months.

Public assistance income provides cash payments to poor families and individuals and includes Temporary Assistance to Needy Families (TANF) and General Assistance. (ACS, 2012).

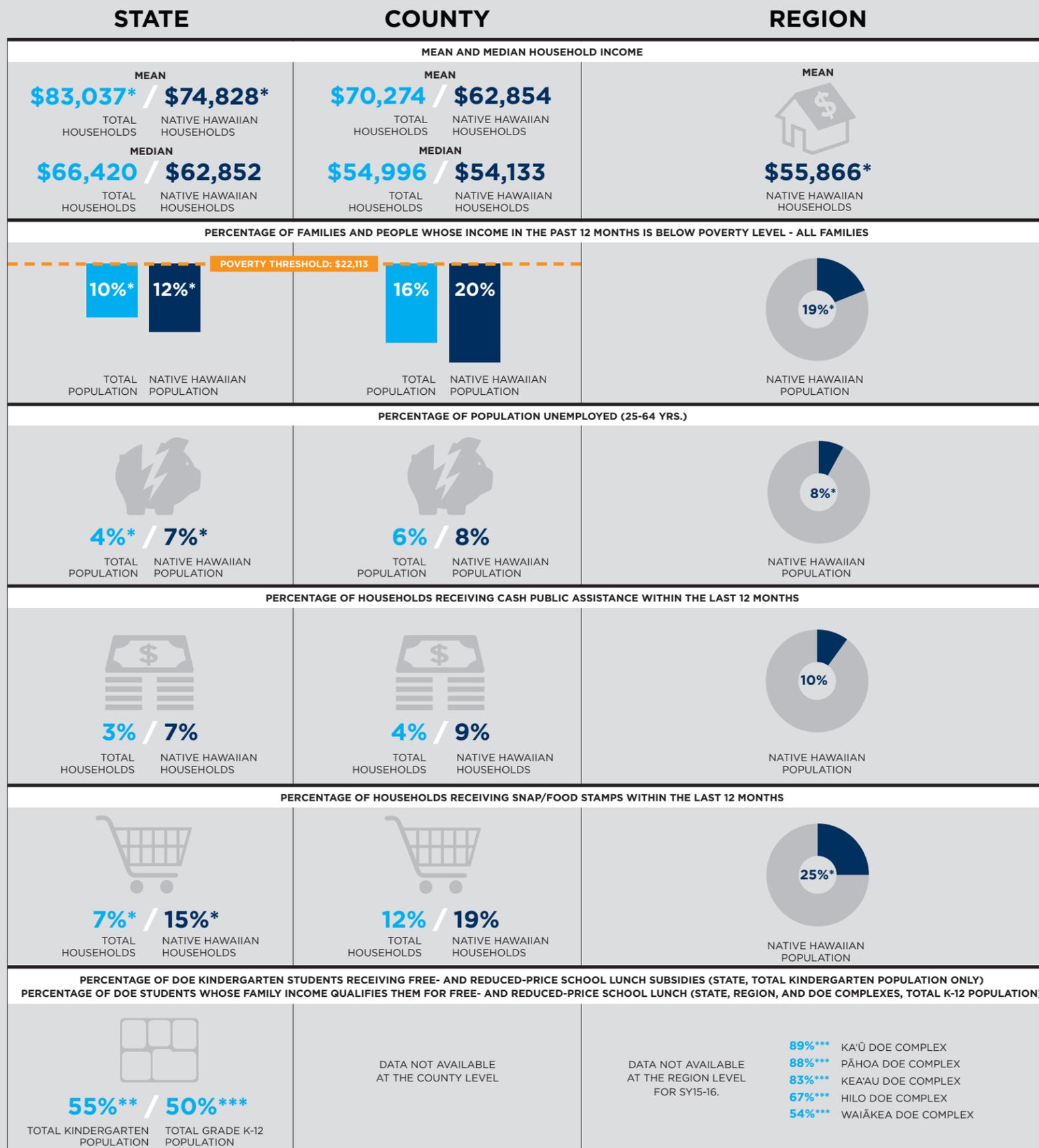
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)

Percentage of households receiving food stamps within the last 12 months.

FREE AND REDUCED-PRICE SCHOOL LUNCH

The Free and Reduced-Cost Lunch Program indicator captures the percent of students whose family income qualifies them for the program.

The free and reduced-cost lunch figures indicate the poverty level of a school-community (DOE Guide to Understanding Trend Reports, 2014).



CONNECTION TO EDUCATIONAL OUTCOMES

Median Household Income

Poor educational outcomes have been linked with the economic backgrounds of students at all levels of education. These outcomes have been linked, at the individual student level, to conditions such as early literacy, home learning environment, sleep, school attendance, and mobility, which can all be related to and impacted by a family's income level (Australian Journal of Education, 2013; University of Cincinnati Evaluation Services Center, 2004).

Poverty

Children in families whose income falls below 200% of the federal poverty level (roughly two times the amount of the census poverty level) perform well below average on their Reading, Math, and general knowledge tests scores compared to children living in families whose income falls above 200% of the federal poverty level (University of Cincinnati Evaluation Services Center, 2004).

Notes/Sources for data included in the Material and Economic Wellbeing Summary figures on this and the following page:

Data marked with an * is sourced from the U.S. Census Bureau 2010 American Community Survey (ACS) and compiled by the Kamehameha Schools Strategy & Innovations Group (S&I) into the KS Regional Prioritization Table, 2014. Data marked with an ** is sourced from the Hawai'i Department of Education Hawai'i State School Readiness Assessment (HSSRA), SY13-14. Data marked with an *** is sourced from the Hawai'i Department of Education Trend Report, SY15-16. All other data points are sourced from the U.S. Census Bureau 2010 American Community Survey (ACS). State, County, and Region-level data have been rounded to the nearest whole number.

SNAP

Access to the Supplemental Nutrition Assistance Program (SNAP) has been shown to improve health and educational outcomes, including a higher likelihood to graduate from high school (Center on Budget and Policy Priorities, 2014).

LEGEND

- TOTAL POPULATION
- NATIVE HAWAIIAN POPULATION

MATERIAL & ECONOMIC WELLBEING (CONT'D)

FIGURE 4: Material and Economic Wellbeing Summary (cont'd)

FAMILY HOUSEHOLDS

Family households "have at least two members related by birth, marriage, or adoption, one of whom is the householder. [They] are maintained by married couples or by a man or woman living with other relatives" (Vespa, Lewis, & Kreider, 2013).

SINGLE PARENT HOUSEHOLDS

A single-parent household is composed of a single parent with one or more never-married children under 18 years old.

HOMEOWNERSHIP

Percentage of population that owns their home.

MOBILITY

Percentage of population that has lived at their current residence for more than one year.

HOMEOWNER COSTS

Percentage of households where monthly homeownership costs are 35% or more of household income.

RENTER COSTS

Percentage of households where gross rent is 35% or more of household income.



CONNECTION TO EDUCATIONAL OUTCOMES

Single-Parent Households

"Research shows that children from single-parent families are less successful academically (e.g., test scores, grades) and have lower levels of educational attainment (e.g., college enrollment and completion) than are students in married-couple families. This may not be surprising given the challenges single parents face as the sole providers of income and caregiving within their families. However, claims about the extent to which this disparity can be explained by other correlates, such as income and educational attainment of parents, differ from one study to the next (Painter and Levine 1999; Biblarz and Raftery 1999; Sandefur and Wells 1999; Mulkey, Crain, and Harrington 1992; Grissmer et al. 1994)." Ka Huaka'i, Native Hawaiian Educational Assessment, 2014.

Mobility

Students that change schools for non-grade-promotion reasons contribute to "student mobility." Frequent transfers between schools during the school year place students at a greater risk for academic and behavioral difficulties. Research has shown that student mobility and achievement can also be correlated to students' background characteristics such as a student's race and family income (Editorial Projects in Education Research Center, 2004).

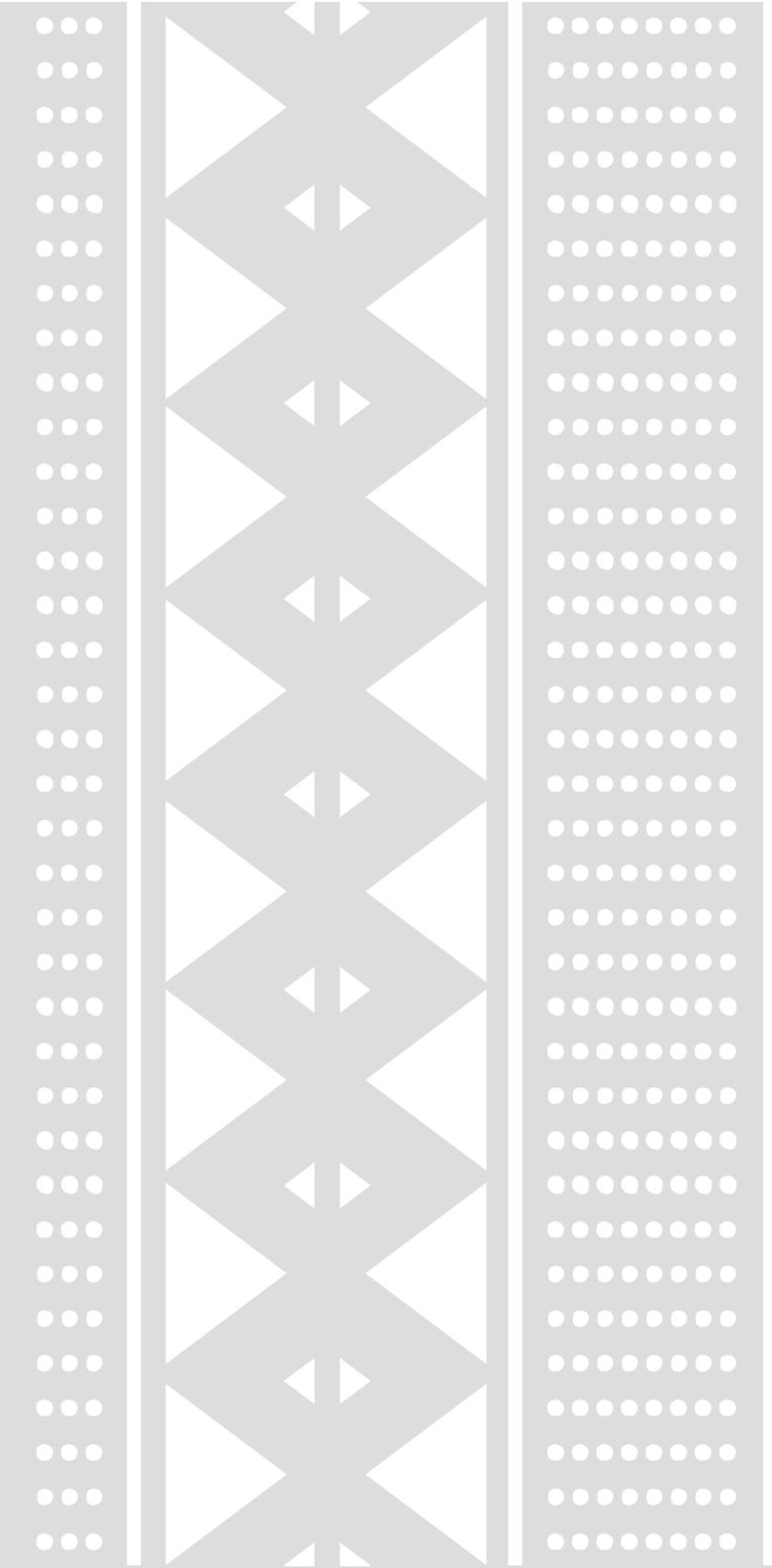
Homeowner Costs

High costs for housing and transportation contribute to a family's ability to be economically self-sufficient. The U.S. Department of Housing and Urban Development states, "Families who pay more than 30 percent of their income for housing are considered cost-burdened and may have difficulty affording necessities such as food, clothing, transportation, and medical care" (HUD Affordable Housing, 2014).

LEGEND

 TOTAL POPULATION

 NATIVE HAWAIIAN POPULATION



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MATERIAL & ECONOMIC WELLBEING (CONT'D)

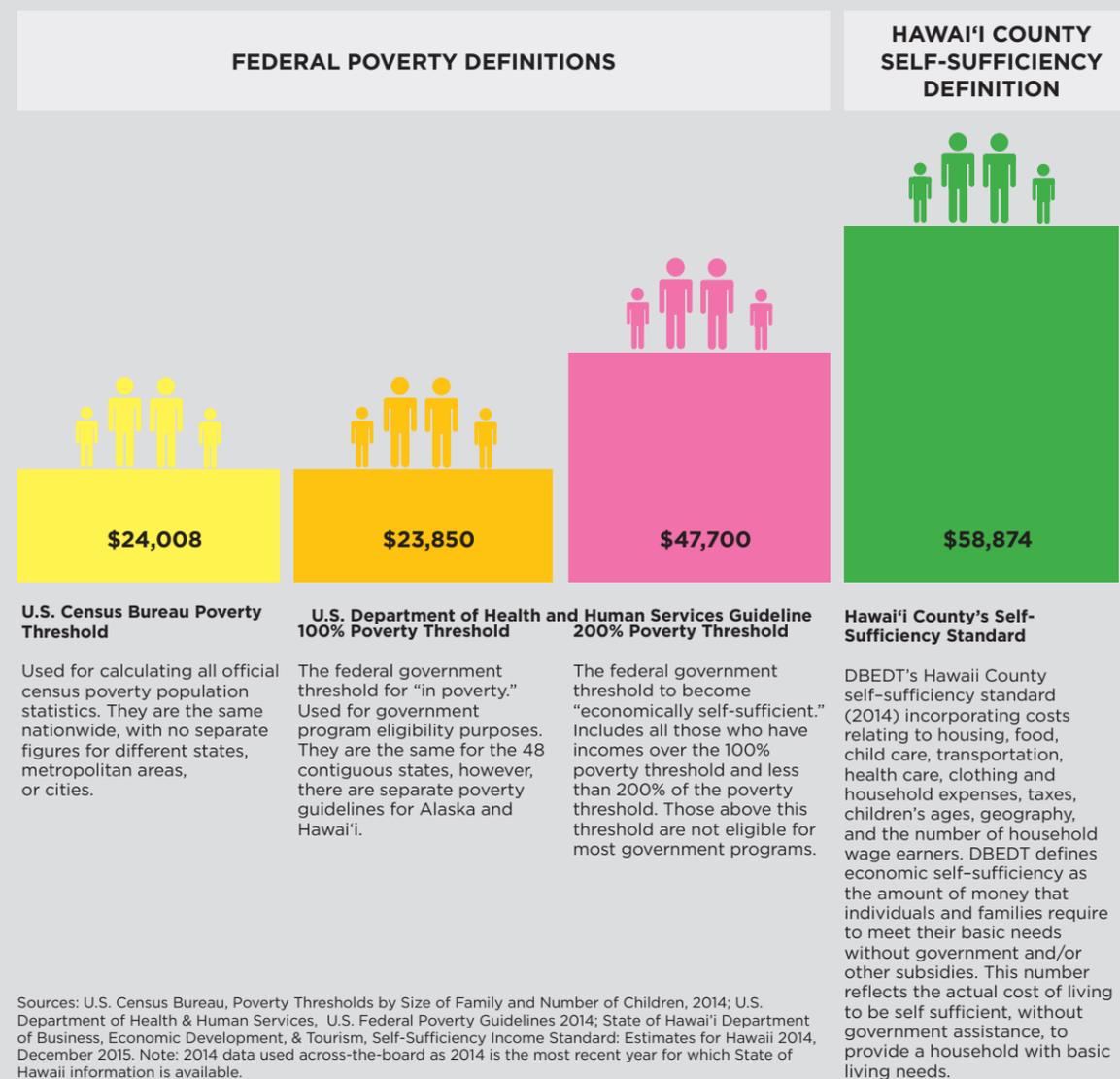
POVERTY, LIVEABLE INCOME, & SELF-SUFFICIENCY

Self-Sufficiency Standards are the amount of money that individuals and families require to meet their basic needs without government and/or other subsidies assuming that adults are working full-time (40-hours) at one or more jobs.

It is important to understand the cost of living, wage gaps, and various thresholds of poverty. The threshold for poverty varies greatly within and between state and federal agencies. Many times the thresholds do not capture the actual cost of living or use of government assistance. A wage gap can exist between those earning low wages and relying heavily on government assistance and those earning moderate wages and receiving no government assistance.

Displayed below are the various poverty levels assessed by both federal and state agencies. The annual household incomes are based on a four person household, with two adults and two children in the State of Hawai'i and are based on the most recently available data from 2014.

FIGURE 5: Poverty, Livable Income, and Self-sufficiency Definitions (Family of 4), 2014



Sources: U.S. Census Bureau, Poverty Thresholds by Size of Family and Number of Children, 2014; U.S. Department of Health & Human Services, U.S. Federal Poverty Guidelines 2014; State of Hawai'i Department of Business, Economic Development, & Tourism, Self-Sufficiency Income Standard: Estimates for Hawaii 2014, December 2015. Note: 2014 data used across-the-board as 2014 is the most recent year for which State of Hawaii information is available.

MATERIAL & ECONOMIC WELLBEING (CONT'D)

EMPLOYMENT

A variety of select employment data is included on this and the following page to provide an overview of current large industries and employers in the State and County. This page includes data on principle employers across both the State and County and the industries in the County with the most employees. The data has been sourced from the State of Hawai'i's Comprehensive Annual Financial Report, Hawai'i County's Comprehensive Annual Financial Report, and the State of Hawai'i Data Book.

TABLE 5: Principal Employers in the State (2015)

Rank	Top Ten Employers (descending order)	Employees	% of Total State Employment
1	State Government	74,500	11.4%
2	Federal Government	33,200	5.1%
3	Local Governments	18,900	2.9%
4	The Queen's Health Systems	7,278	1.1%
5	Hawai'i Pacific Health	6,617	1.0%
6	Hawaiian Holdings, Inc. (Hawaiian Airlines, Inc.)	5,548	0.9%
7	Starwood Hotels & Resorts Hawai'i	5,507	0.8%
8	Hilton Hotels Hawai'i Region	5,400	0.8%
9	Kaiser Permanente Hawai'i	4,424	0.7%
10	Hawaiian Electric Industries, Inc.	3,918	0.6%
Top Ten State Employers: Total Employees		165,292	25.3%

Source: City and County of Honolulu CAFR (2016). Table 13: Principal Employers, State of Hawai'i, Fiscal Years 2006-2015 (unaudited).

FIGURE 6: State Employee Distribution, Principal Employers and All Others (2015)

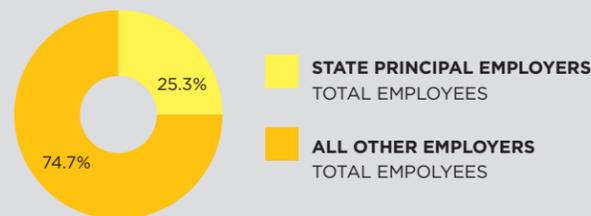
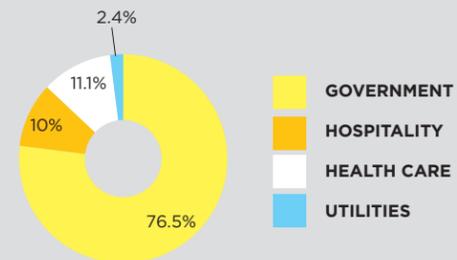


FIGURE 7: Distribution of Employees by Employment Sector for the State's Principal Employers (2015)



Source: City and County of Honolulu CAFR (2016). Table 13: Principal Employers, State of Hawai'i, Fiscal Years 2006-2015 (unaudited).

TABLE 6: Principal Employers in the County (2015)

Rank	Top Ten Employers (descending order)	Employees	% of Total County Employment
1	State of Hawai'i	8,300	12.5%
2	County of Hawai'i	2,800	4.2%
3	United States Government	1,300	2.0%
4	Four Seasons Resort Hualālai	1,000	1.5%
5	Hilton Waikoloa Village	850	1.3%
6	KTA Super Stores	750	1.1%
7	The Fairmont Orchid, Hawai'i	650	1.0%
8	Walmart	637	1.0%
9	Mauna Lani Resort (Operations), Inc.	540	0.8%
10	Hāpuna Beach Prince Hotel	500	0.8%
Top Ten County Employers: Total Employees		17,327	26.2%

Source: County of Hawai'i, Comprehensive Annual Financial Report, 2015.

FIGURE 8: County Employee Distribution, Principal Employers and All Others (2015)

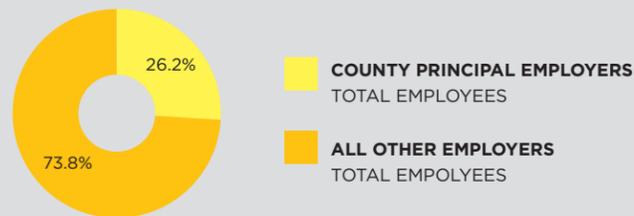
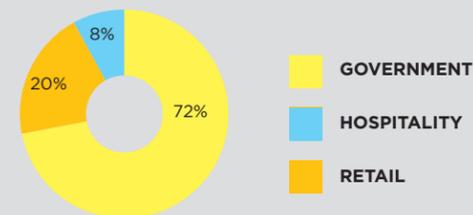


FIGURE 9: Distribution of Employees by Employment Sector for the County's Principal Employers (2015)



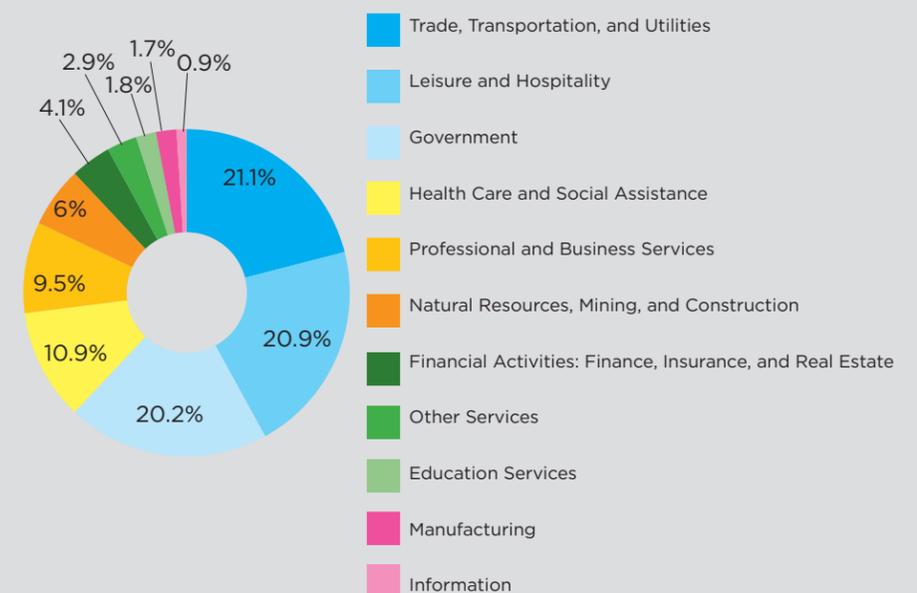
Source: County of Hawai'i, Comprehensive Annual Financial Report, 2015.

TABLE 7: Jobs by Industry in the County (2015)

Industry	Employees
Trade, Transportation, and Utilities	13,800
Leisure and Hospitality	13,700
Government	13,200
Health Care and Social Assistance	7,100
Professional and Business Services	6,200
Natural Resources, Mining, and Construction	3,900
Financial Activities: Finance, Insurance, and Real Estate	2,700
Other Services	1,900
Education Services	1,200
Manufacturing	1,100
Information	600
Agriculture	N/A
Total Jobs in the County	65,400

Source: 2015 State of Hawai'i Data Book, Section 12: Labor Force, Employment, and Earnings, Table 12.16-- Jobcount by NAICS Industry, By County: Annual Average 2015.

FIGURE 10: Jobs by Industry in the County (2015)



Source: 2015 State of Hawai'i Data Book, Section 12: Labor Force, Employment, and Earnings, Table 12.16-- Jobcount by NAICS Industry, By County: Annual Average 2015.

MATERIAL & ECONOMIC WELLBEING (CONT'D)

EMPLOYMENT (CONT'D)

This page includes data on the projected demand occupations in the County and the degree requirements for those occupations, and the mean annual wage for the most common occupations in the County. The data has been sourced from the U.S. Bureau of Labor & Statistics and the Hawai'i Department of Labor & Industrial Relations.

TABLE 8: Mean Annual Wage for the Top 10 Most Common Occupations in the County (2015)

Top Ten Most Common Occupations	Estimated Number of Employees	Annual Mean Wage
Office and Administrative Support Occupations	9,860	\$35,190
Food Preparation and Serving Related Occupations	9,030	\$31,090
Sales and Related Occupations	6,030	\$34,320
Building and Grounds Cleaning and Maintenance Occupations	4,850	\$32,630
Education, Training, and Library Occupations	4,250	\$49,260
Transportation and Material Moving Occupations	3,810	\$34,810
Management Occupations	3,390	\$85,190
Construction and Extraction Occupations	3,060	\$56,580
Healthcare Practitioners and Technical Occupations	2,940	\$84,180
Personal Care and Service Occupations	2,810	\$28,790

Source: Bureau of Labor Statistics, Occupational Employment Statistics Survey, 2015.

TABLE 9: County Current Demand Occupations, Degree Requirements, and Annual Wage and their Projected Annual Openings to 2022

Occupation	Degree Requirements	Annual Wage	Projected Annual Openings
General & Operations Managers	Bachelor's Degree or Higher	\$85,290	30
Accountants & Auditors		\$52,940	20
Elementary School Teachers		\$55,340	20
Secondary School Teachers		\$54,080	20
Subtotal			90
Registered Nurses	More than High School Degree but less than a Bachelor's Degree and/or other Certification Required	\$80,110	40
Nursing Assistants		\$31,910	30
Heavy & Tractor-Trailer Truck Drivers		\$42,940	20
Subtotal			90
Retail Salespersons	High School Degree or Less	\$29,220	120
Food Preparation & Serving Workers		\$19,490	80
Waiters & Waitresses		\$31,870	80
Cashiers		\$23,770	80
Landscaping & Groundskeeping Workers		\$32,520	70
Personal Care Aides		N/A	60
Maids & Housekeeping Cleaners		\$32,510	50
Farmworkers & Laborers, Crop/Nursery/Greenhouse		\$21,350	50
Retail Sales Supervisors		\$43,680	40
General Office Clerks		\$29,410	40
Janitors & Cleaners		\$27,700	40
Stock Clerks & Order Fillers		\$28,530	40
Security Guards		\$26,030	30
Subtotal			780
Total			960

Source: Hawai'i Dept of Labor & Industrial Relations, Research & Statistics Office, dated October 2016.
 Notes: Occupations are categorized into three education levels: Bachelor's degree or higher; less than bachelor's degree but more than High School; and High school degree or less. Within each education level, the jobs are ranked by average annual job openings.

Growing "in demand" occupations are highlighted in *Table 10 County Current Demand Occupations, Degree Requirements, and Annual Wage and their Projected Annual Openings to 2022*, including education requirements, annual wages and projected job openings.

- "Retail Salesperson" is the occupation with the largest projected job growth in the County.
- The top 5 demand occupations providing the most job openings in the County require a High School Degree or less.
- 9.4% of projected job openings in the County's top 20 demand occupations require a Bachelor's Degree or higher.

FIGURE 11: Degree Requirements of County Demand Occupations (2015)



Source: Hawai'i Dept of Labor & Industrial Relations, Research & Statistics Office, October 2016.

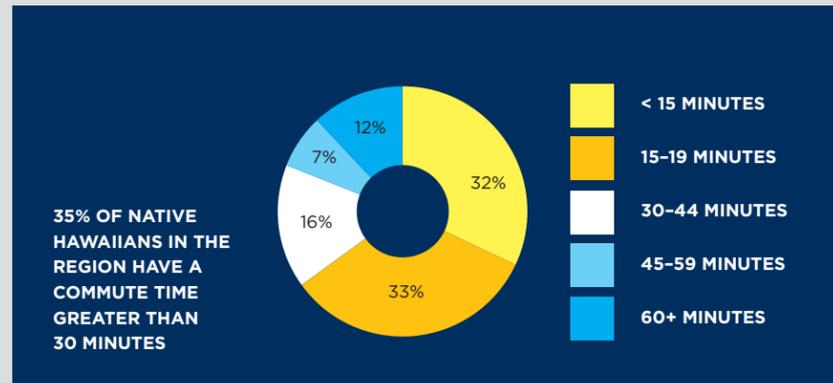
MATERIAL & ECONOMIC WELLBEING (CONT'D)

TRANSPORTATION & COMMUTING

Data on transportation and commuting includes time spent commuting by the Region's Native Hawaiian population, rush hour drive times to and from selected locations in the Region, a map of major roadways and bus routes on the island, and the Hele-On bus schedule and stops to/from Hilo and Kona.

Destinations included in the Rush Hour Drive Times table were specifically selected to identify drive times and distances to/from major population areas in the Region to/from the KS campus and to/from major employment areas. 7am and 5pm were selected as a standard representative for morning and evening rush hour commutes. The drive distances and times were calculated in ArcGIS, which utilizes historical and live traffic data for specific times of the day to calculate driving speed and drive time.

FIGURE 12: Regional Native Hawaiian Work Commute Time



Source: KS Regional Prioritization Table, KS Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

TABLE 10: Rush Hour Drive Times

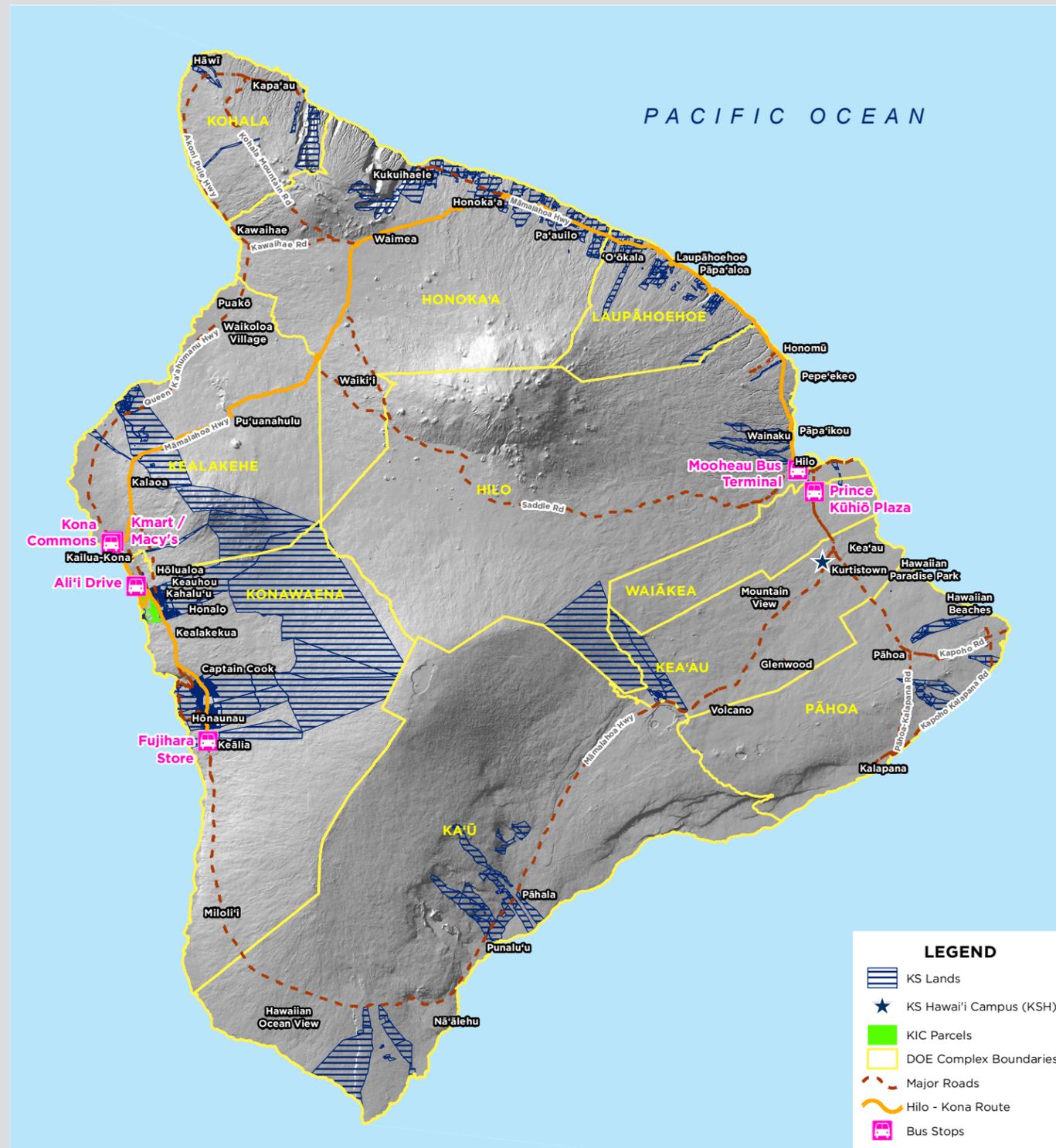
Starting Location/Destination	7am Rush Hour Drive Time	5pm Rush Hour Drive Time	Distance (miles)	7am Rush Hour Drive Time	5pm Rush Hour Drive Time	Distance (miles)
	To Kea'au/KSH	From Kea'au/KSH		To Hilo	From Hilo	
Laupāhoehoe	50	54	32.5	35	37	23.6
Pepe'ekeo	30	33	17.6	16	17	8.7
Hilo	14	15	8.8			
Kea'au	6	0	3.7	13	13	7.7
Pāhoa	19	20	11.9	28	31	18.3
Mountain View	10	10	6.1	23	24	14.5
Pāhala	56	57	44	70	71	52.4
Nā'ālehu	70	71	55.4	83	85	63.8
Hawaiian Ocean View	90	92	69.1	104	106	77.5

Driving Distances and Times Source: ArcGIS' Connect Origins to Destinations Tool, 2017.

MATERIAL & ECONOMIC WELLBEING (CONT'D)

TRANSPORTATION & COMMUTING (CONT'D)

MAP 8: Major Roadways and Bus Routes



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KIC Parcels as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Bus Stops and Routes from Hawaii County Mass Transit Agency 2017.

TABLE 11: Hele-On Bus Schedule and Travel Times to/from Hilo and Kona (Monday-Saturday)

Kona to Hilo					
	First Stop		Last Stop		Travel Time
	Time	Location	Time	Location	
Bus 1	5:45 am	Fujihara Store	10:05 am	Prince Kūhiō Plaza	4hrs, 20min
Bus 2	6:35 am	Ali'i Drive	10:05 am	Mo'ohau Bus Terminal	3hrs, 30min
Bus 3	4:00 pm	Kona Commons	7:00 pm	Mo'ohau Bus Terminal	3 hrs
Hilo to Kona					
	First Stop		Last Stop		Travel Time
	Time	Location	Time	Location	
Bus 1	3:40 am	Mo'ohau Bus Terminal	6:45 am	Kmart / Macy's	3hrs, 5min
Bus 2	9:00 am	Prince Kūhiō Plaza	11:50 am	Kona Commons	2hrs, 50min
Bus 3	1:10pm	Prince Kūhiō Plaza	5:30 pm	Fujihara Store	4hrs, 20min

Source: Hawai'i County Mass Transit Agency, Hele-On Bus Schedule, Kona/Hilo Bus Schedule, Effective January 20, 2017.



MATERIAL & ECONOMIC WELLBEING (CONT'D)

HOMELESSNESS

The State and County data on the homeless population presented on this page is collected from the State's Homeless Management Information System (HMIS). All homeless shelter and outreach program service providers who receive State or federal funding are required to enter client intake, service encounter, and exit data into the HMIS. A few other service providers that do not receive State or federal funding also include data into the HMIS on a voluntary basis. Domestic violence shelter data are not included, and some homeless organizations or individuals choose not to provide data or receive services. For these reasons, the HMIS data presented—while a robust, publicly available data set—is an undercount of homeless and those receiving services in the State.

Shelter services are provided to individuals utilizing both emergency and transitional services, while outreach services are provided to unsheltered individuals—e.g., those living in a car or on the beach. In the 2015 fiscal year, a total of 16,874 individuals (unduplicated) received shelter and outreach program services across the State—54% served by outreach programs, 59% served by shelter programs in Hawai'i.

IN THE 2015 FISCAL YEAR, NATIVE HAWAIIANS WERE THE LARGEST DEMOGRAPHIC OF RECIPIENTS FOR SHELTER PROGRAM SERVICES, FOLLOWED BY CAUCASIANS—30% AND 27%, RESPECTIVELY.

IN THAT SAME YEAR, CAUCASIANS WERE THE LARGEST AND NATIVE HAWAIIANS WERE THE SECOND LARGEST DEMOGRAPHIC OF RECIPIENTS FOR OUTREACH PROGRAM SERVICES—35% AND 30%, RESPECTIVELY.

■ NATIVE HAWAIIAN POPULATION
■ REMAINING POPULATION

STATEWIDE DATA

FIGURE 13: Statewide Government Funding for Homeless Programs (2013)

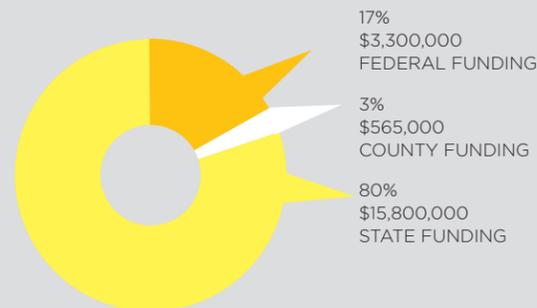


FIGURE 14: Statewide Homeless Individuals Served by Outreach Programs (2015)

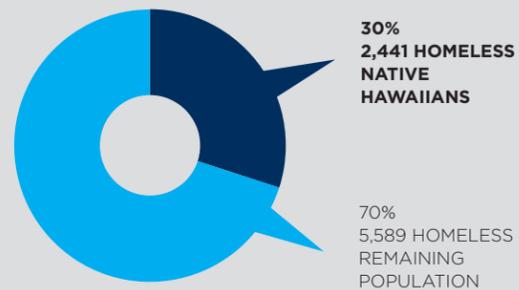
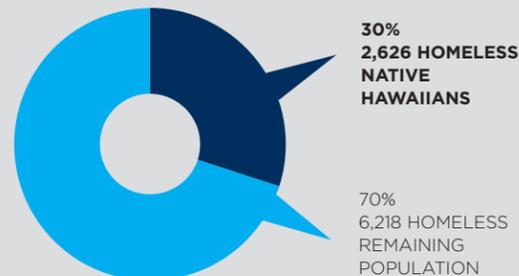


FIGURE 15: Statewide Homeless Individuals Served by Shelter Programs (2015)



COUNTY DATA

FIGURE 16: County Distribution of State Funding for Homeless Support Programs (2013)

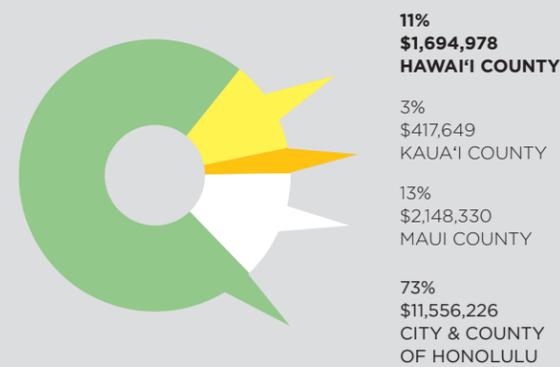


FIGURE 17: County Homeless Individuals Served by Outreach Programs (2015)

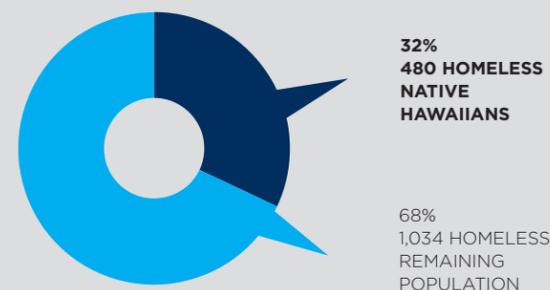


FIGURE 18: County Homeless Individuals Served by Shelter Programs (2015)

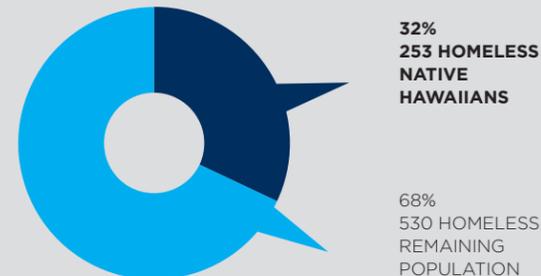


FIGURE 19: County Distribution of Homeless Shelter Beds (2013)

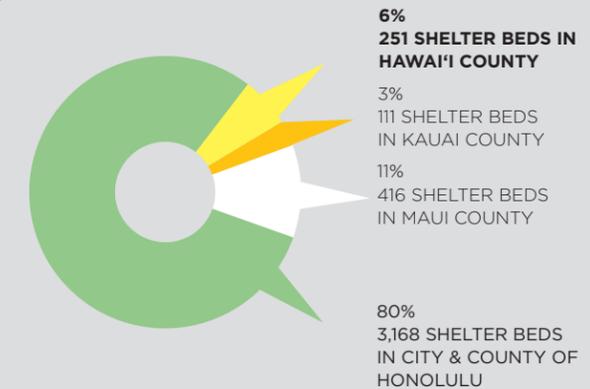


TABLE 12: Homeless-serving Programs in the County

Program Providers	Program		
	Emergency Shelter	Transitional Housing	Outreach and Rapid Rehousing
Hawai'i Island Home for Recovery			
Hawai'i Island Home for Recovery Shelter		S	
HOPE Services Hawai'i			OR, RR
Beyond Shelter		F	
HOPE Resource Center		S	
Kaloko Transitional Housing		F	
Kihei Pua	S, F		
Kuleana House		F	
West Hawai'i Emergency Housing Facility	S		
Wilder House		F	
Catholic Charities Hawai'i			RR

Legend	
S	Single Individuals
F	Families
OR	Outreach Program
RR	Rapid Rehousing

Note: S= Single Individuals, F= Families, OR=Outreach Program, RR= Rapid Rehousing.
Note: Gray-colored rows indicate umbrella organizations with the organizations individual programs listed beneath. The Homeless Services Utilization Report does not specify the particular programs within an umbrella organization that provide outreach and rapid re-housing programs.
Source: Center on the Family: Homeless Service Utilization Report, Hawai'i 2015.

Note: Per the source, the data do not represent all persons experiencing homelessness in Hawai'i or all persons receiving homeless services, and, therefore, the data in this report constitute an under count of homeless and of those receiving services. At the time of publication of this Report, updated funding and shelter bed data (more recent than FY13) were not available. Per a March 2, 2017 conversation between Cardno and the source author, Dr. Yuan, the 2016 Report will include updated data for these data points. As such, the source for the number of shelter beds and the two data points related to funding is: Yuan, S. Stern I.R., & Vo, H. (2013). Homeless Service Utilization Report: Hawai'i 2013. Honolulu: University of Hawai'i, Center on the Family, 2013. The following sources are for all other data points: Yuan, S., Vo, H., & Azuma, J. (2016). Homeless Service Utilization Report: Hawai'i FY 2015. Honolulu: University of Hawai'i, Center on the Family, 2016; Yuan, S., Vo, H., & Azuma, J. (2016). Homeless Service Utilization Report: Statistical Supplement, Hawai'i FY 2015, Issue 1. Honolulu: University of Hawai'i, Center on the Family, 2016.

MATERIAL & ECONOMIC WELLBEING (CONT'D)

PHYSICAL WELLBEING

This page presents indicators for physical health and wellbeing in the Native Hawaiian community across the State and in the County. The health data presented are sourced from the latest published Hawai'i Department of Health's 2012 Hawai'i Health Survey. Health indicators by age for both Native Hawaiian and total populations are shown.

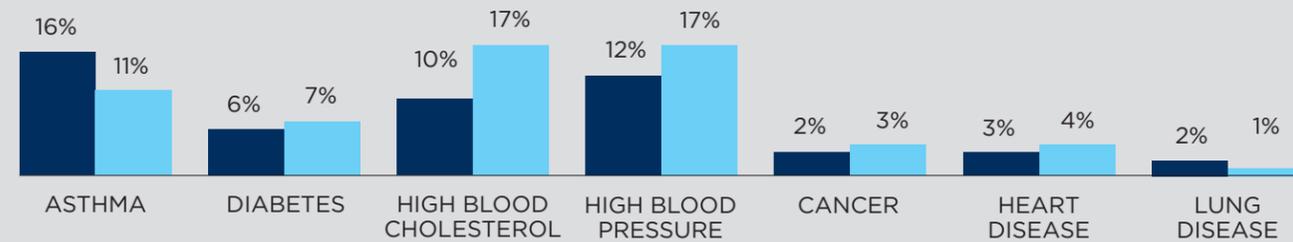
TABLE 13: Statewide Health Indicators by Age Group (2012)

Health Indicator	Rate of Occurrence (Native Hawaiians compared to the Total Population)									Total (All Ages)
	0-14 YEARS	15-17 YEARS	18-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75+ YEARS	
Asthma	20%	18%	20%	15%	13%	11%	13%	13%	15%	16%
Asthma	14%	14%	15%	11%	8%	9%	11%	9%	9%	11%
Diabetes	0%	*	*	*	7%	10%	22%	33%	25%	6%
Diabetes	*	*	1%	1%	5%	8%	15%	18%	18%	7%
High Blood Cholesterol	0%	*	*	*	15%	18%	31%	37%	39%	10%
High Blood Cholesterol	*	*	5%	5%	14%	24%	33%	44%	45%	17%
High Blood Pressure	*	*	*	5%	16%	17%	37%	52%	57%	12%
High Blood Pressure	*	*	3%	4%	12%	23%	34%	42%	52%	17%
Cancer	0%	0%	0%	*	*	*	5%	7%	15%	2%
Cancer	0%	*	*	0%	2%	3%	7%	12%	12%	3%
Heart Disease	*	0%	*	*	*	5%	12%	14%	25%	3%
Heart Disease	*	0%	*	*	1%	4%	7%	14%	16%	4%
Lung Disease	*	*	0%	*	*	*	5%	4%	*	2%
Lung Disease	*	*	*	*	1%	1%	2%	5%	4%	1%

■ NATIVE HAWAIIAN POPULATION
■ TOTAL POPULATION

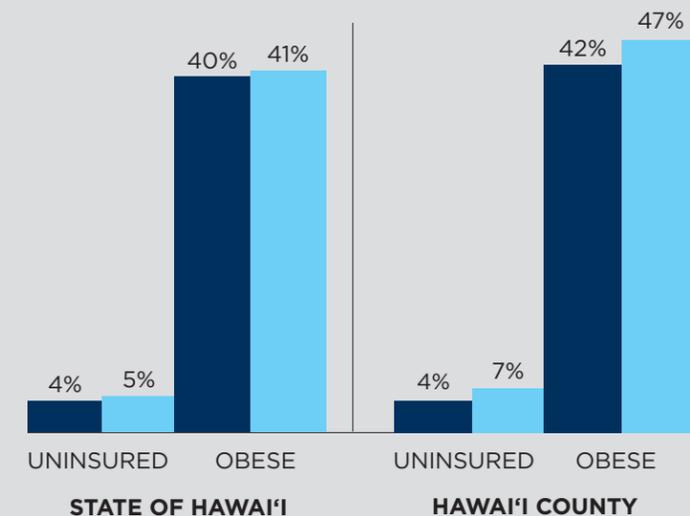
Note: "*" Indicates the number of cases in sample numerator (<10) or sample denominator (<50) too small for reliability or if adjacent cells can be calculated, the numbers are not presented.
Source: State of Hawaii, Department of Health, Hawaii Health Survey (HHS), 2012 Survey Report Data, <http://health.hawaii.gov/hhs/hawaii-health-survey-2012/>, Tables 4.0-4.11.

FIGURE 20: Statewide Health Indicators Total/All Ages (2012)



Source: State of Hawaii, Department of Health, Hawaii Health Survey (HHS), 2012 Survey Report Data, <http://health.hawaii.gov/hhs/hawaii-health-survey-2012/>, Tables 4.0-4.11.

FIGURE 21: Uninsured and Overweight/Obese Health Indicators, All Ages (2012)



Source: State of Hawaii, Department of Health, Hawaii Health Survey (HHS), 2012 Survey Report Data, <http://health.hawaii.gov/hhs/hawaii-health-survey-2012/>, Tables 11, 2.1, and 3.1.

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING

The following are selected discussions that provide overview information about some of the social, emotional, and cultural wellbeing indicators in the Region.

BIRTH RATE

The table below provides a snapshot of birth rates across the State and within the County from 2010 to 2014 for Native Hawaiian infants as well as the total population of infants born. Several years of data is provided to illustrate trends in birth rates over time.

TABLE 14: Number of Live Births of Resident Infants Statewide and in the County, 2010-2014

Year	Statewide or County	Infant Population and Ethnicity		
		Total Population	Native Hawaiian	Native Hawaiian Infants Born as a Percentage of Total Population
2014	Statewide	18,467	6,448	35%
	County	2,430	1,330	55%
2013	Statewide	18,910	6,844	36%
	County	2,407	1,336	56%
2012	Statewide	18,912	6,896	36%
	County	2,410	1,339	56%
2011	Statewide	18,901	6,860	36%
	County	2,460	1,353	55%
2010	Statewide	18,895	6,891	36%
	County	2,383	1,298	54%

Source: Hawaii Health Data Warehouse; Hawaii State Department of Health, Office of Health Status Monitoring, Vital Statistics, Live Births in Hawaii by County of Residence and Infant DOH Race-Ethnicity, 2000-2014.

CAREGIVING

The table below presents data on non-parental caregivers in the Region for both the Native Hawaiian population and total population. The table presents data regarding the number and percentage of family households in the Region that are headed by non-parental adults vs. parents.

TABLE 15: Regional Prevalence of Non-parental Caregiving Among Resident Children, Native Hawaiian and Total Population (2010)

Caregiving Status	Resident Children			
	Native Hawaiian		Total Population	
	Number	Percent	Number	Percent
Parental	8,521	77.9%	19,086	81.1%
Non-parental	2,416	22.1%	4,458	18.9%
Total	10,937	100%	23,544	100%

Source: Data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools from the American Census Survey Year 2006-2010, Selected Population Tables, 2010.

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING (CONT'D)

FOSTER CARE

A variety of foster care statistics for both the Native Hawaiian and total population are presented on this page. The table at left presents data regarding the number of children entering, in, and exiting foster care from 2010 to 2015 for the total population. The table below right presents data regarding the number and percentage of Native Hawaiian and all other children within the Region who were living in a foster family at the time of the 2006-2010 American Census Survey. Note that the data points are sourced from three different sources, including the State of Hawai'i Department of Human Services, the Hawai'i Department of Labor & Relations, and KS' S&I Group.

TABLE 16: Selected State of Hawai'i Foster Care System Statistics, FY 2010-2015

Number of Children Entering, In, and Exiting Foster Care	Total Population					
	2010	2011	2012	2013	2014	2015
Entering Foster Care	1,166	1,042	1,174	1,067	1,081	1,230
In Foster Care	2,672	2,355	2,315	2,180	2,231	2,386
Ages of Children In Foster Care						
0 to 5	1,095	1,000	985	893	962	1,090
6 to 11	694	574	611	632	644	648
12 to 18	883	781	719	655	624	648
Unknown	ND	ND	ND	ND	1	ND
Exiting Foster Care	1,356	1,240	1,194	1,029	1,068	1,027

Note: Count of children exiting foster care includes children exiting for reasons that include adoption, emancipation, guardianship, placement with a relative, and reunification.
Source: State of Hawaii Department of Human Services Databook, December 2015 (https://humanservices.hawaii.gov/wp-content/uploads/2016/05/DHS-Databook_Dec-2015.pdf).

The pie charts at right provide a breakdown by race and sex of the 2,386 children in foster care statewide in 2015.

FIGURE 22: Race of Children in Foster Care in the State of Hawai'i (FY 2015)



Source: State of Hawaii Department of Human Services Databook, December 2015 (https://humanservices.hawaii.gov/wp-content/uploads/2016/05/DHS-Databook_Dec-2015.pdf).

FIGURE 23: Sex of Children in Foster Care in the State of Hawai'i (FY 2015)



TABLE 17: Regional Children in a Foster Family, Native Hawaiian and Total Population (2010)

Children	Number	Percentage
Native Hawaiian Children	174	36.8%
Rest of Population Children	299	63.2%
Total Children	473	100.0%

Source: Data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools from the American Census Survey Year 2006-2010, Selected Population Tables, 2010; https://syms.shinyapps.io/ACS2010_SPT/.

DRUG USE

The data below regarding juvenile drug use was compiled from a variety of surveys administered to 9-12 graders across the State. Several years of data have been included to provide context on these indicators across multiple datasets. Per the source, as these surveys are all self-reported, a variety of factors may have influenced the survey respondent's responses.

TABLE 18: Statewide Juvenile Drug Use Indicators

Indicators	2007			2009			2011			2013		
	Native Hawaiian	NHOPI	Total Population									
30-day Marijuana Use	35.0%		15.7%	37.8%		22.1%	30.0%		21.9%	28.7%		18.9%
Tried Marijuana Before Age 13 Years	25.0%		11.7%	26.5%		11.9%	15.3%		9.5%	19.6%		10.4%
Ever used Cocaine	11.5%		5.6%	9.6%		6.0%	5.0%		6.4%	8.2%		6.5%
Ever used Inhalents	11.4%		11.4%	12.4%		10.1%	8.8%		9.7%	11.8%		9.2%
Ever used Ecstasy	7.3%		4.6%	11.6%		8.2%	8.1%		9.0%	9.8%		8.0%
Ever used Heroin*		ND	ND		ND	ND		ND	ND		3.2%	3.4%
Ever used Methamphetamine	10.0%		4.5%	7.5%		3.9%	2.9%		3.4%	4.8%		4.3%
Ever used prescription pain relievers without a doctor's prescription	ND		ND	ND		ND	14.2%		14.3%	16.5%		12.9%
Ever Offered, Given, or Sold Illegal Drugs on School Property*		40.4%	36.2%		44.8%	36.1%		27.8%	31.7%		33.5%	31.2%

Note: *Indicates survey ethnicity options included NHOPI but not Native Hawaiians alone.

Note: "Gray" cells indicate data was not collected for those ethnic groups in those particular surveys.

Note: The data presented in the Hawaii State Epidemiological Outcomes Workgroup: State Epidemiological Profile: Selected Youth and Adult Drug Indicators, 2014 Report was compiled from a variety of surveys administered to 9-12 graders, including the Hawaii Youth Risk Behavior Survey, National Survey on Drug Use and Health, Hawaii Health Data Warehouse, and Substance Abuse Prevention Planning and Epidemiology Tool. When possible, those individual sources broke down survey data by ethnicity. These surveys are all self-reported and, as such, the survey methodology may cause respondents to answer questions based upon their perception of the interviewer's desired response. For additional details, please refer to the 2014 Report. Several years of data were provided for this data point to allow the reader to view changes in data over time.

Source: Department of Public Health Sciences, University of Hawaii at Manoa, Hawai'i State Epidemiological Outcomes Workgroup: State Epidemiological Profile: Selected Youth and Adult Drug Indicators, 2014.

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING (CONT'D)

CHILD PROTECTIVE SERVICES (CPS)

A variety of child protective services (CPS) statistics for both the Native Hawaiian and total population are presented on this and the following page. The table and two pie charts at the far left presents data regarding the number of CPS “intakes” while all other data presented on these pages is in regards to “victims.” An explanation of the difference between “intakes” and “victims” is provided in the orange box at right.

Intakes vs. Victims

Intakes are reports of child abuse or neglect incidents that have been accepted for investigation, and a determination of the abuse/neglect have been made. An intake usually refers to a family unit and may involve the possible maltreatment of more than one child. A confirmed intake is one where at least one child in the intake had at least one abuse type confirmed or substantiated. A separate, unrelated incident may result in another intake for the same family or child.

A **victim** is a child in an intake identified as one being possibly maltreated. A confirmed victim is one that had at least one abuse type confirmed or substantiated.

TABLE 19: Statewide and County Child Protective Services Reported and Confirmed Intakes (FY 2015)

Number of Intakes	Total Population		
	Statewide	County	County as a Percentage of Statewide
Confirmed	852	219	26%
Not Confirmed	1,188	236	20%
Total	2,040	455	22%
Confirmation Rate	42%	48%	

Source: State of Hawaii Department of Human Services Databook, December 2015 (https://humanservices.hawaii.gov/wp-content/uploads/2016/05/DHS-Databook_Dec-2015.pdf).

FIGURE 24: Statewide Child Protective Services Reported and Confirmed Intakes (FY 2015)



FIGURE 25: County Child Protective Services Reported and Confirmed Intakes (FY 2015)



CPS INTAKES

TABLE 20: Statewide and County Child Protective Services Reported and Confirmed Victims (FY 2015)

Number of Victims	Total Population		
	Statewide	County	County as a Percentage of Statewide
Confirmed	1,458	378	26%
Not Confirmed	2,246	506	23%
Total	3,704	884	24%
Confirmation Rate	39%	43%	

Source: State of Hawaii Department of Human Services Databook, December 2015 (https://humanservices.hawaii.gov/wp-content/uploads/2016/05/DHS-Databook_Dec-2015.pdf).

FIGURE 26: Statewide Child Protective Services Reported and Confirmed Victims (FY 2015)



FIGURE 27: County Child Protective Services Reported and Confirmed Victims (FY 2015)



CPS CONFIRMED VICTIMS

TABLE 21: Trend of Statewide Confirmed Victims by Race, 2011-2015

Race	Children (duplicated count)				
	2011	2012	2013	2014	2015
Native Hawaiian	582	607	567	600	715
Remaining Population	842	785	762	806	853
Total	1,424	1,392	1,329	1,406	1,568

Source: Hawai'i Department of Human Services, Audit, Quality Control and Research Office, A Statistical Report on Child Abuse and Neglect in Hawai'i, 2015.

FIGURE 28: Sex of Confirmed Victims in the State (FY 2015)

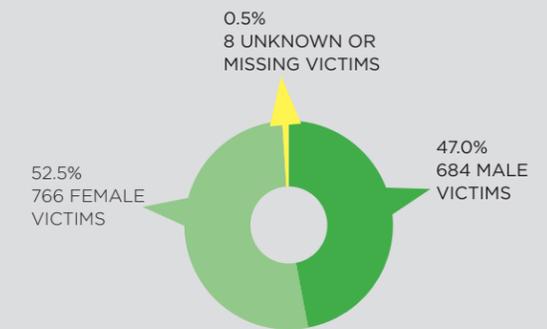


FIGURE 29: Age of Confirmed Victims in the State (FY 2015)

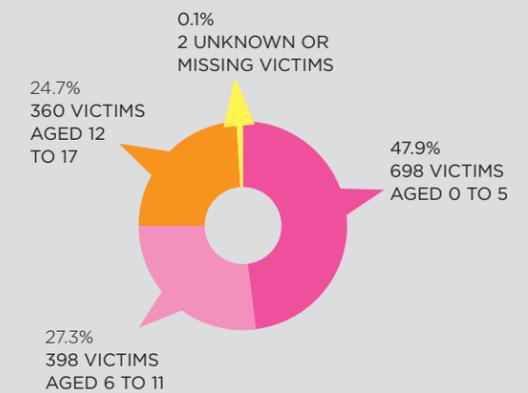


FIGURE 30: Race of Confirmed Victims in the State (FY 2015)



Source: State of Hawaii Department of Human Services Databook, December 2015 (https://humanservices.hawaii.gov/wp-content/uploads/2016/05/DHS-Databook_Dec-2015.pdf).

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING (CONT'D)

CHILD PROTECTIVE SERVICES (CPS) (CONT'D)

The CPS data presented on this page was sourced from the State of Hawai'i Department of Human Services by special agreement. As such, the data on this page may not tie with the data presented on the page at left, which was sourced from publicly-available reports.

TABLE 22: Child Abuse and Neglect Victims by County

Number of Abuse and Neglect Victims	Native Hawaiian			Total Population		
	Statewide	County	County as a Percentage of Statewide	Statewide	County	County as a Percentage of Statewide
Confirmed Reports	704	218	31.0%	1,549	419	27.0%
2015 Pop Est. (ages 0-17)	114,465	22,384	19.6%	308,540	45,170	14.6%
Rate per 1,000	6.2	9.7		5.0	9.3	

Source: Department of Human Services, prepared by the State Audit, Quality Control and Research Office, 2017 via KS special data request; Source for 2015 population estimates: Strategy & Innovations Group (S&I), Kamehameha Schools (2014), NH population projections; DBEDT (2012), Population and Economic Projections for the State of Hawaii to 2040.

TABLE 23: Factors Precipitating Incident for Native Hawaiian Confirmed Victims by Districts, County, and State (2015)

Factors	Native Hawaiian									
	Districts in KS East Hawai'i Region						Hawai'i County		State	
	South Hilo		Puna		Ka'u		Number of Children	Percentage of Children	Number of Children	Percentage of Children
	Number of Children	Percentage of Children	Number of Children	Percentage of Children	Number of Children	Percentage of Children				
Alcohol abuse	1	1.1%	**	ND	**	ND	11	1.9%	56	2.9%
Broken family	5	5.5%	**	ND	**	ND	11	1.9%	24	1.3%
Chronic family violence	5	5.5%	9	6.2%	2	10.0%	24	4.0%	63	3.3%
Drug abuse	17	18.7%	29	20.0%	4	20.0%	91	15.3%	326	17.1%
Family discord	**	ND	1	0.7%	**	ND	9	1.5%	27	1.4%
Heavy continuous child care responsibility	7	7.7%	9	6.2%	2	10.0%	34	5.7%	82	4.3%
Inability to cope with parenting responsibility	18	19.8%	34	23.4%	4	20.0%	134	22.6%	439	23.0%
Inadequate housing	**	ND	6	4.1%	**	ND	10	1.7%	42	2.2%
Incapacity due to handicap/chronic illness	**	ND	**	ND	**	ND	1	0.2%	2	0.1%
Insufficient income/misuse of income	**	ND	**	ND	**	ND	**	ND	14	0.7%
Lack of tolerance to child's behavior	4	4.4%	1	0.7%	**	ND	26	4.4%	74	3.9%
Loss of control during discipline	4	4.4%	1	0.7%	**	ND	24	4.0%	66	3.5%
Mental health problem	**	ND	5	3.4%	**	ND	18	3.0%	57	3.0%
Mental retardation	**	ND	**	ND	**	ND	1	0.2%	1	0.1%
New baby in home/pregnancy	2	2.2%	5	3.4%	2	10.0%	16	2.7%	50	2.6%
Normal authoritarian discipline	**	ND	**	ND	**	ND	4	0.7%	4	0.2%
Parental history of abuse as a child	4	4.4%	**	ND	2	10.0%	8	1.3%	21	1.1%
Physical abuse of spouse/fighting	1	1.1%	9	6.2%	2	10.0%	33	5.6%	137	7.2%
Police/court record (excluding traffic)	4	4.4%	4	2.8%	**	ND	13	2.2%	33	1.7%
Recent relocation	**	ND	**	ND	**	ND	1	0.2%	7	0.4%
Social isolation	**	ND	**	ND	**	ND	**	ND	1	0.1%
Unacceptable child rearing method	19	20.9%	32	22.1%	2	10.0%	125	21.0%	386	20.2%
Total confirmed child victims (duplicate count)	91	100%	145	100%	20	100%	594	100%	1,912	100%

Note: Per Strategy & Innovations Group (S&I), Kamehameha Schools, all available data was included to avoid omission and attempt to break down the data by Region as much as possible. Note: ** indicates suppressed data. Counts of under 5 were suppressed to avoid identification of victim. Source: Data provided by special request from the State Audit, Quality Control and Research Office within the State of Hawaii, Department of Human Services to Strategy & Innovations Group (S&I), Kamehameha Schools in March 2017. State-level total population data omitted at the request of Strategy & Innovations Group (S&I), Kamehameha Schools as the availability of Statewide data at the time of publication is limited to a previously published data report for which the data may be superseded by more recent but not-yet-published data.

A "duplicate count" means that, in some instances, more than one factor has been identified per child per confirmed report.

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING (CONT'D)

ARRESTS

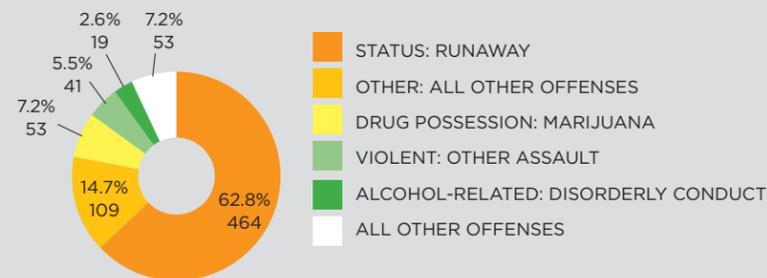
Juvenile arrest data presented on this page identifies the types of crimes and rates at which Native Hawaiian and all other juveniles (under the age of 18) were arrested for these crimes in the County in 2015. The table at bottom presents data regarding the rates and locations of incarcerated individuals aged 15-years and older, including those individuals currently incarcerated at locations outside the State of Hawai'i. The arrest data is publicly-available.

TABLE 24: Juveniles Arrested for Part I/Index Offenses in the County (2015)

Offense	Native Hawaiian Juveniles	% of Total Native Hawaiian Juvenile Offenses	Total Juveniles	Total Juveniles %
Robbery	0	0.0%	2	1.7%
Aggravated Assault	1	2.2%	3	2.5%
Burglary	4	8.7%	10	8.5%
Larceny-Theft	33	71.7%	90	76.3%
Motor Vehicle Theft	7	15.2%	11	9.3%
Arson	1	2.2%	2	1.7%
Total	46	100%	118	100%

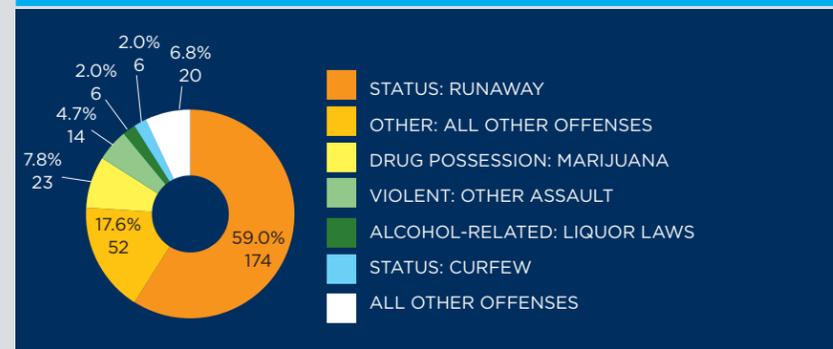
Note: Rows were deleted if no one was arrested for that offense.
Source: Crime Prevention & Justice Assistance Division, Research & Statistics Branch: Crime in Hawaii, 2015.

FIGURE 31: Top 5 Causes for Arrest of Juveniles for Part II Offenses in the County (2015)



Source: Crime Prevention & Justice Assistance Division, Research & Statistics Branch: Crime in Hawaii, 2015.

FIGURE 32: Top 5 Causes for Arrest of Native Hawaiian Juveniles for Part II Offenses in the County (2015)



Part I/Index Offenses vs. Part II Offenses

Part I/Index Offenses refer to "serious crimes" such as criminal homicide and rape, amongst others, while Part II Offenses refer to lesser crimes such as drug possession and vandalism, amongst others.

SOCIAL, EMOTIONAL, & CULTURAL WELLBEING (CONT'D)

SUICIDE

The data presented on this page includes the rates of attempted suicide and deaths from suicide by age group for Native Hawaiians and the total population, including a breakout specifically regarding rates of suicide attempts for high schoolers. The table at the top provides the rates of attempted suicide by Native Hawaiian and all other high schoolers at both the County and State levels. The bottom two tables provide the rates of suicide attempts and death by suicide by age group for Native Hawaiians and the total population in the County.

TABLE 26: Suicide Attempts by Race for High School (9th-12th grade) Students, by County (2015)

Population	Attempted Suicide						Attempted Suicide that Resulted in Injury/Treatment					
	County			State			County			State		
	Count	Percent of All Suicide Attempts	Percent of High School Population	Count	Percent of All Suicide Attempts	Percent of High School Population	Count	Percent of All Suicide Attempts	Percent of High School Population	Count	Percent of All Suicide Attempts	Percent of High School Population
Native Hawaiian	300	42.9%	ND	1,100	28.2%	ND	100	50.0%	ND	400	33.3%	ND
Rest of Population	400	57.1%	ND	2,800	71.8%	ND	100	50.0%	ND	800	66.7%	ND
Total	700	100%	14.6%	3,900	100%	10.5%	200	100%	5.0%	1,200	100%	3.4%

Note: Weighted counts rounded to the nearest 100. "Percent of High School Population" is a weighted percentage. Source did not specify how they were weighted.
Source: Data compiled by KS S&I from the Hawaii Health Data Warehouse, State of Hawaii, Hawaii School Health Survey: Youth Risk Behavior Survey Module, Suicide Attempts in the Past Year in Hawaii, by School Type, County, Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2011 - 2015, Report Created: 7/26/16.

TABLE 27: Number of Deaths from Suicide by Age Group in the County (2011-2015)

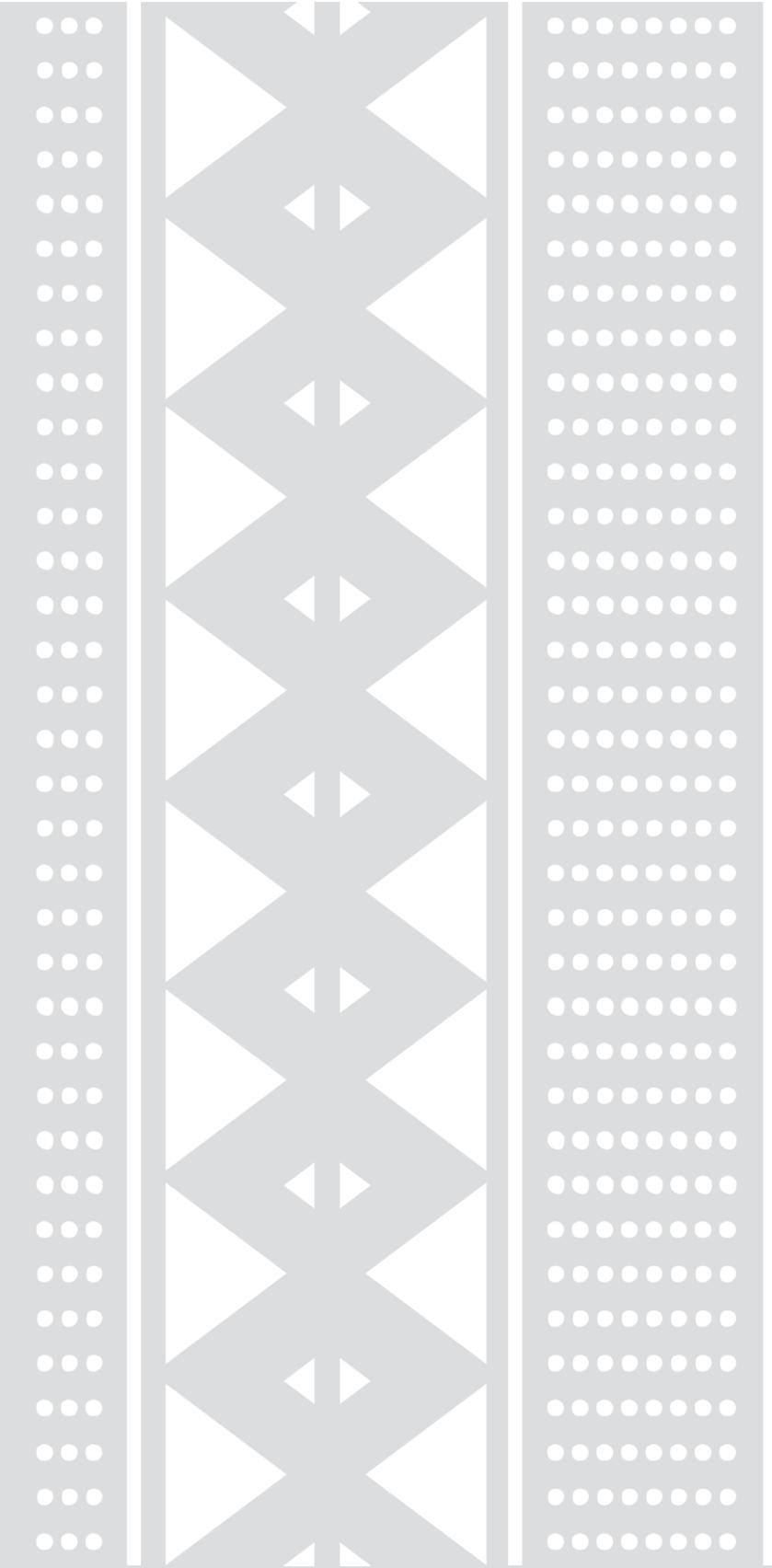
Age Group	Native Hawaiian			Total Population		
	Number of Suicides	Native Hawaiian Population	Rate per 10,000	Number of Suicides	Total Population	Rate per 10,000
0-15 yrs	0	19,215	0.0	0	37,949	0.0
16-29 yrs	15	14,551	10.3	52	38,203	13.6
30-44 yrs	13	10,638	12.2	49	34,795	14.1
45-74 yrs	12	13,768	8.7	75	77,753	9.6
75+ yrs	0	1,382	0.0	7	13,974	5.0
Total	40	59,554	6.7	183	202,674	9.0

Notes: Race: "Hawaiian" descendants defined as first-listed ethnicity on the death certificate; "other" indicates all descendants with a 1st-listed ethnicity other than Hawaiian. There were 898 total deaths over the 5-year period of 2011-2015, with 149 identified as "Hawaiian." There were another 50 descendants with 1st listed ethnicity of "other" that also had "Hawaiian" listed, usually (41, or 82%) as the 2nd-listed ethnicity.
Note: Suicides are identified through underlying cause of death codes.
Note: ** Indicates suppressed data. Counts of under 5 were suppressed to avoid identification of victim.
Source: Data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools from the Hawaii Department of Health, Injury Prevention System Branch, Death Certificate Database, 2017, via Strategy & Innovations Group (S&I), Kamehameha Schools special request.
Source for 2015 population estimates: Strategy & Innovations Group (S&I), Kamehameha Schools (2014), NH population projections; DBEDT (2012), Population and Economic Projections for the State of Hawaii to 2040.

TABLE 28: Number of Nonfatal Suicide Attempts Treated in Hawaii Hospitals by Age Group in the County (2011-2015)

Age Group	Native Hawaiian	Part Native Hawaiian	Other
0-15 yrs	**	41	58
16-29 yrs	13	184	289
30-44 yrs	7	99	219
45-74 yrs	**	50	178
75+ yrs	0	**	8
Total	20	374	752

Notes: Hawaii Health Information Corporation (HHIC) collects a single ethnicity per patient, and categories include "Native Hawaiian" as well as "Part Native Hawaiian"; both are presented separately. Per Strategy & Innovations Group (S&I), Kamehameha Schools, data provided by the State of Hawaii Department of Health does not define "Other." As such, it is unclear whether or not "Other" includes Native Hawaiian or Part Native Hawaiian totals. "Attempts" are technically coded as "self-inflicted" injuries, although KS S&I assumes they were suicidal in nature. S&I only included records with an injury-related principle diagnosis, so patients with a principal diagnosis related to mental health or substance abuse, for example, were not included. Records were excluded for on non-residents, those who died in the hospital or who were discharged to hospice, and those who were transferred at discharge, to avoid double-counting.
Note: ** Indicates suppressed data. Counts of under 5 were suppressed to avoid identification of victim.
Source: Data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools from the Hawaii Department of Health, Injury Prevention System Branch, Hawaii Health Information Corporation database, 2017, via Strategy & Innovations Group (S&I), Kamehameha Schools special request.



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3

EDUCATION IN THE REGION

Section 3 Education in the Region provides an overview of education factors in the Region, including aspects within school walls, such as teaching and facilities, indicators that measure educational proficiency along the K-12 continuum, and readiness from early childhood through career development. Recognizing that non-KS institutions serve a large percentage of Native Hawaiian learners, the KS approach pursues opportunities to achieve educational outcomes for all Native Hawaiian learners by working within the Region's existing educational institutions and network. The information in this section provides a starting point for regional leadership and staff to identify areas of exploration and consideration within these educational networks and beyond.

The education factors noted within this section and those outlined in *Section 2 Wellbeing in the Region* and *Section 4 Stakeholders and Collaborators in the Region* have synergistic effects: Higher educational attainment may lead to wider career prospects, as well as increased income and living standards, including a greater ability to achieve physical, social, and mental wellbeing. While the success of each learner's future is affected by their own educational attainment, this attainment is linked to their 'ohana, as summarized in *Section 2*. Therefore, the wellbeing of the 'ohana and the community that supports and guides a learner will impact the learner's ability to achieve desired educational outcomes and optimal wellbeing into adulthood. At the institutional level, a region's educational network must contend with the fact that the ability to increase Native Hawaiian student outcomes and Native Hawaiian community wellbeing are inextricably linked.

The growth in the Native Hawaiian learner population is an added dimension to educational considerations within a region. **As the Native Hawaiian learner population grows, so will the demand for the quality of educational considerations, including the requirements for qualified teachers; well-designed and well-equipped facilities; and strong educational pipelines that support children from birth into adulthood.** Culturally-relevant educational considerations will also impact a region's requirements—for example, teachers skilled in supporting the aspirations of Native Hawaiian students and students' 'ohana in delivering culturally relevant curriculum, as well as school and administrative facilities that provide a strong foundation for this work. Regarding school facilities, the physical use of land is critical to the facilitation of 'āina-based learning and internship opportunities.

Collaboration between a region's educational stakeholders is necessary to improve educational outcomes in a region. The KS approach is to work with stakeholders to ensure the wellbeing of Native Hawaiian learners and the community as a whole. Examples of this approach in action include a focus on working towards a network of Native Hawaiian schools as part of SP2020 and working collectively with communities to improve the educational system with a focus on educational pathway milestones. This type of collaborative work includes operating within existing networks, both internal and external to KS, and developing new networks with formal alliances, collective agreements, and mutual supports. As KS is dedicated to mobilize joint funding and other community assets across the P-20 continuum, the regional approach's focus on collaboration and a broader perspective requires KS to develop new internal capabilities in addition to building the capacity of its partners to engage in a new way.

READY FOR KINDERGARTEN

This page provides comparative data on preschool attendance, free- and reduced-price lunch subsidies, and teacher qualification indicators related to the KS EPM “Ready for Kindergarten.” When possible, data for Native Hawaiian students is provided.

HAWAIIAN IMMERSION & HAWAIIAN-FOCUSED ECE EDUCATION

Hawai‘i is the only State in the U.S. with a native language designated as one of its official State languages. In 1984, the first ‘Aha Pūnana Leo Hawaiian language immersion preschool opened its doors in Kekaha, Kaua‘i. Today, the organization has 11 sites throughout the State on the islands of Hawai‘i, Maui, Moloka‘i, O‘ahu and Kaua‘i. They run as laboratory schools of the University of Hawai‘i Hilo’s Ka Haka ‘Ula o Ke‘elikōlani College of Hawaiian Language and, through that relationship, hold affiliated status of accreditation under the World Indigenous Nations Higher Education Consortium.

‘Aha Pūnana Leo ECE programming holds both school and student readiness as its main tenets, within the Native Hawaiian context. Their Stated goals are to: (1) create a supportive environment where students and their families develop the ability to communicate effectively in the Hawaiian language, understand and appreciate Hawaiian culture and values, and participate confidently in contemporary Hawaiian society, and (2) execute a program that ensures kindergarten readiness in areas of age-appropriate social, intellectual, and perceptual motor skills (‘Aha Pūnana Leo, n.d.).

The ‘ohana enters into the school as a learning unit in its family-based model. Other Native Hawaiian-focused ECE programs, such as family-child interaction learning programs are also rooted in this family-based model. These programs provide curriculum for both children and their guardians, so that the family continues the educational process outside of the classroom.

Refer to the *Regional Charter & Immersion School Pipeline* table in this section for a list of ECE Immersion schools.

FIGURE 33: Percentage of 3- & 4-year olds Participating in Preschool (2010)

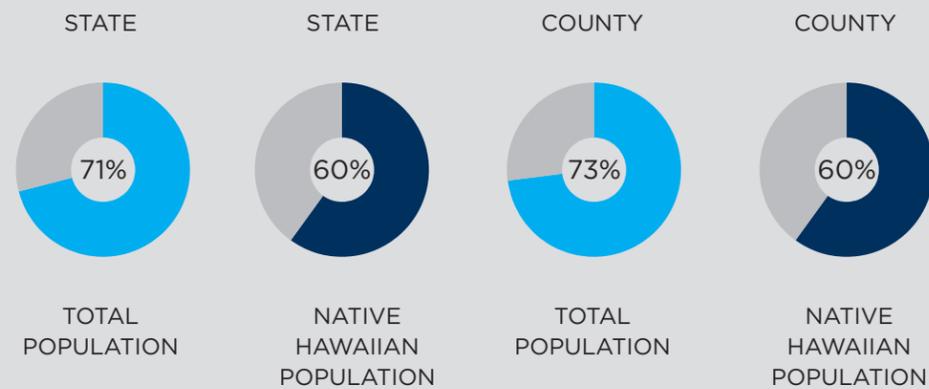
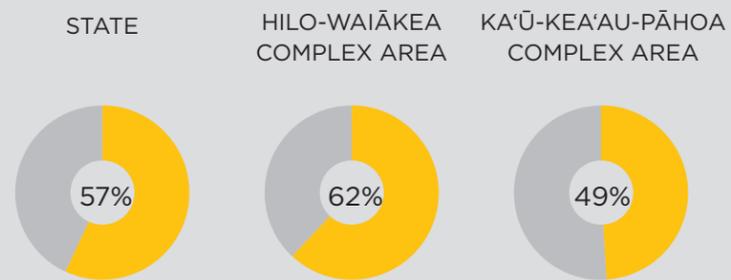


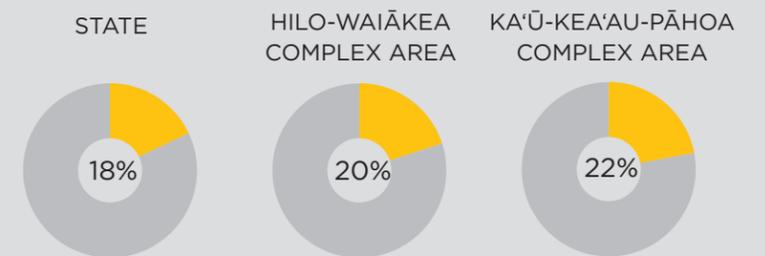
FIGURE 34: Preschool Attendance of DOE Kindergarteners (SY13-14)



Percentage of DOE Kindergarteners who attended Preschool

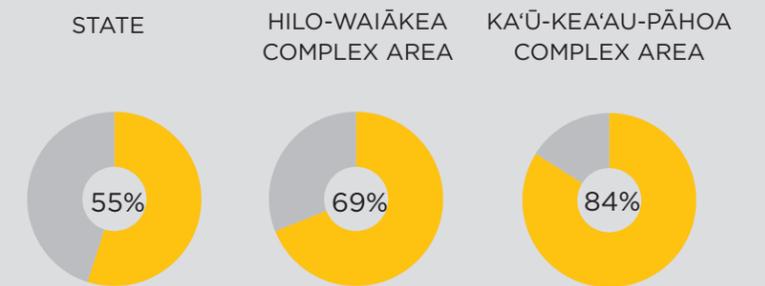
Source (top left): US Census Bureau, 2010 Census.
Source (all others): DOE HSSRA, SY13-14.

FIGURE 35: Kindergarten Teachers with ECE Endorsement (SY13-14)



Percentage of kindergarten teachers with an Early Childhood Education (ECE) endorsement. Note: An Early Childhood Endorsement is conferred by many teacher education programs to denote coursework or practicum specifically in early childhood. It is not required by the Department of Education.

FIGURE 36: Kindergarteners Receiving Free- and Reduced-price Lunch Subsidies (SY13-14)



Percentage of kindergarten DOE students receiving free- and reduced-price lunch subsidies.

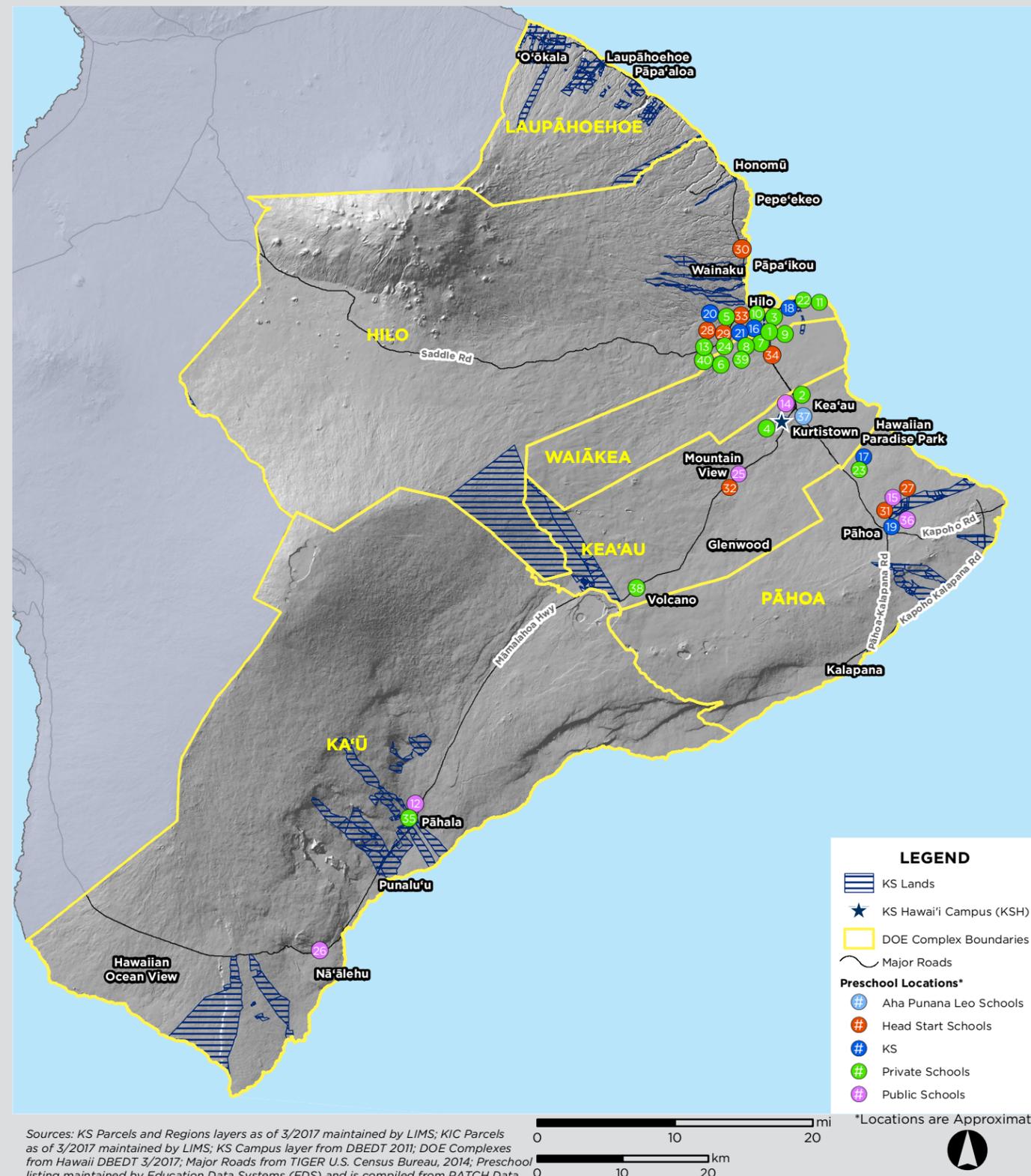
READY FOR KINDERGARTEN (CONT'D)

EARLY CHILDHOOD EDUCATIONAL INSTITUTIONS IN THE REGION

TABLE 29: Early Childhood Educational Institutions in the Region

Map Number	Early Childhood Educational Institutions	Number of Schools
	'Aha Pūnana Leo	1
37	Pūnana Leo O Hilo	
	DOE Pre-Kindergarten Sites (4 Years)	6
12	Ka'ū High & Pāhala Elementary*	
14	Kea'au Elementary*	
15	Keonepoko Elementary*	
25	Mountain View Elementary*	
26	Nā'ālehu Elementary*	
36	Pāhoa Elementary	
	Head Start Programs	8
27	PACT Head Start Hawaiian Beaches	
28	PACT Head Start Hilo Child Development Center	
29	PACT Head Start Hilo Union Elementary	
30	PACT Head Start Kalaniana'ole Inclusion	
31	PACT Head Start Keonepoko Pre-Plus Inclusion	
32	PACT Head Start Mt. View Pre-Plus	
33	PACT Head Start Pu'u'ueo	
34	PACT Head Start Waiākea Elementary	
	KS Preschools	6
16	KS Hilo Preschool	
17	KS Kea'au Preschool	
18	KS Keaukaha Preschool	
19	KS Pāhoa Preschool	
20	KS Pi'ihonua Preschool	
21	KS Waiānue Preschool	
	Private Preschools	19
1	ABC Fun Preschool	
2	Christian Liberty Preschool*	
3	E Maka'ala Preschool*	
4	First Step Preschool	
5	Haili Christian Preschool*	
6	Hale Aloha Nazarene School	
7	Hawai'i Community College Children's Center	
8	Hilo Hongwanji Preschool	
9	Joyland Preschool	
10	Jump Start Hilo (Site #2)	
11	Ka 'Umeke Kā'eo	
13	Kaumana Baptist Keikiland	
22	Kula Kamali'i O Hi'ikeakaikamalama	
23	Mālamalama Waldorf School Kinderhale*	
24	Mauna Loa Preschool*	
35	Pāhala Preschool	
38	Smart Start Preschool Makawao	
39	St. Joseph Montessori Based Preschool*	
40	YWCA Developmental Preschool	

MAP 9: Early Childhood Educational Institutions in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KIC Parcels as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; DOE Complexes from Hawaii DBEDT 3/2017; Major Roads from TIGER U.S. Census Bureau, 2014; Preschool listing maintained by Education Data Systems (EDS) and is compiled from PATCH Data received March 2017, DOE Preschool Data, and Pauahi Keiki Scholars Data.
 Note: This list includes most licensed preschools. It is possible some are missing because reporting is voluntary.

Table Notes & Sources
 Notes:
 - The list includes most of licensed preschools. It is possible some are missing because reporting is voluntary
 - Some preschools serve keiki from 2 to 6.
 Sources:
 Preschool listing maintained by KS' Education Data Systems (EDS) and is compiled using the following sources:
 - PATCH Data received March 2017.
 - DOE Preschool Data.
 - Pauahi Keiki Scholars data .
 - Added 6 (PKS) preschools to the file (statewide)from PKS Eligible Schools for 2017-2018.
 - Added 3 Kanu O Ka 'Āina schools, statewide.
 - *School also appears in the Elementary and Secondary Educational Institutions table.

K-12

The following pages provide comparative data on public, public charter, immersion, and private K-12 students and teacher qualification indicators related to the KS EPMs “Reading Proficiency Grade 3,” “Academic Proficiency Grade 8,” and “On-time High School Graduation & Prepared for Next Step.” When possible, data for Native Hawaiian and Native Hawaiian or Pacific Islander students is provided.

K-12 EDUCATION SUMMARY

The figure below provides a summary of the number of schools, enrollment rates, and range of costs for private school tuition across the Region.

FIGURE 37: Summary of K-12 School Types and Native Hawaiian Students Served in the Region

DOE K-12	CHARTER K-12	PRIVATE	KS
NUMBER OF SCHOOLS IN THE REGION			
22	10	6	1
TOTAL STUDENT ENROLLMENT			
13,043 SY15-16	2,450 SY15-16	966 SY16-17	1,159 SY15-16
NATIVE HAWAIIAN STUDENT ENROLLMENT		NATIVE HAWAIIAN OR PACIFIC ISLANDER STUDENT ENROLLMENT	
4,670 SY15-16	924 SY15-16	40 SY11-12	
TUITION RANGE			
		\$3,900-\$7,758 SY16-17	\$4,266-\$5,199 SY16-17

Note: Figure does not include Hawai'i Technology Academy PCS, a public charter school that operates in-person learning centers and virtual learning across the State.

Note: The Charter School Native Hawaiian enrollment numbers presented in the figure do not include schools with suppressed cells. As such, the Native Hawaiian enrollment for DOE K-12 may be lower and the Native Hawaiian enrollment for Charter Schools may be higher than described in the Figure.

Sources: DOE K-12 and Charter Data: Data provided via special request from the Hawaii P-20 Partnerships for Education to Enterprise Information Management & Services Division (EIMS), Kamehameha Schools (KS), April 2017; Private School Enrollment and Tuition: Compiled by KS based on the 2017 Hawaii Private School Guide published by Honolulu Magazine; Private School Native Hawaiian or Pacific Islander Enrollment: ProximityOne n.d. (K-12 Private Schools, SY11-12)—provided for reference based on schools listed for SY16-17; KS Enrollment (number of students enrolled at any time during SY15-16): Kamehameha Schools FY15-16 Annual Strategic Report, Education Appendix, pg. 14-15.

CHARTER & IMMERSION

In support of the KS pursuit of a network of Hawaiian-focused charter schools and expansion of Hawaiian immersion schooling opportunities, the table below identifies the prekindergarten through twelfth grade pipelines for charter schooling and Hawaiian immersion schooling currently available in the Region. Hawaiian-focused charter schools are noted.

The Kahuawaiola Indigenous Teacher Education Program, located at the University of Hawai'i Hilo, is a graduate certificate program (three semesters long). It is primarily delivered through the Hawaiian language medium and designed to prepare high quality teachers for “Hawaiian language medium schools, Hawaiian language and culture programs in English medium schools, and schools serving students with a strong Hawaiian cultural background” (UH Hilo, n.d.). Graduates of the program satisfy one of the initial licensure requirements of the Hawai'i Teachers Standards Board. The programs prepare teachers in the following program areas: (1) Hawaiian language, culture, and values; (2) pedagogical skills; (3) content knowledge; and (4) professional qualities. It also includes student teaching experience at Hawaiian medium schools Statewide. The program is affiliated with 'Aha Pūnana Leo.

TABLE 30: Regional Charter & Immersion School Pipeline

School	Ages/Grades							
	Preschool	Pre-K	Kindergarten	Grade 3	Grade 6	Grade 7	Grade 8	Grade 12
Hawaiian Language Immersion Schools								
Pūnana Leo o Hilo	Preschool							
Ka 'Umeke Kā'eo PCS				K-8				
Ke Kula 'o Nāwahīokalani'ōpu'u Iki Laboratory PCS				K-8				
Hawaiian-Focused Charter Schools								
Na Wai Ola (Waters Of Life) Public Charter School				K-6				
Kua O Ka Lā PCS				K-12				
Connections NCPCS				K-12				
Ke Ana La'ahana PCS						7-12		
Conventional Charter Schools								
Laupāhoehoe Community PCS				K-12				
Volcano School of Arts and Sciences A Community PCS				K-8				
Hawai'i Academy of Arts and Science PCS				K-12				
Hawai'i Technology Academy PCS				K-12				
Ka'ū Learning Academy				3-7				

The Regional Charter and Immersion School Pipeline highlights the opportunities for students within the Region to attend Charter and Immersion schools throughout their primary and secondary education.

Note: Hawai'i Technology Academy PCS is a public charter school that operates in-person learning centers and virtual learning across the State. As such, it is included in this table.

Note: Proficiency data for Hawaiian Language Immersion Schools listed in this table may not be available due to the recent implementation of the KĀ'EO assessments. For more information see Appendix, Hawaiian Immersion Section.

Sources: Hawai'i State Public Charter Commission, SY15-16 Directory of Schools (<http://www.chartercommission.hawaii.gov/charter-school-directory/>); 'Aha Pūnana Leo website (www.ahapunaleo.org); and DOE Hawaiian Language Immersion/Kaipuni Schools webpage (<http://www.hawaiipublicschools.org/TeachingAndLearning/StudentLearning/HawaiianEducation/Pages/Hawaiian-language-immersion-schools.aspx>).

K-12 (CONT'D)

Selected private school data is provided below, including DOE Complex, grade levels offered, genders served, tuition, and enrollment. The most recent publicly-available data on the enrollment of Native Hawaiian or Pacific Islander students is for the 2011-2012 school year, and, as such, SY11-12 Native Hawaiian or Pacific Islander Enrollment data is provided for reference. The selected private school data presented on this page is split into two tables by the school year in which the data is available—SY16-17 and SY11-12.

PRIVATE SCHOOLS

TABLE 31: Selected Data for Private Schools in the Region (SY16-17)

Institution	DOE Complex	Grades	Gender	Tuition	Enrollment Total	Number of Teachers
Christian Liberty School	Kea'au	PK-12	COED	\$4,250 - \$7,000	244	8.1
E Maka'ala School	Hilo	PK-1	COED	\$4,275 - \$4,950	78	13.0
Haili Christian School	Hilo	PK-8	COED	\$3,900 - \$4,850	179	8.5
Mālamalama Waldorf School	Pāhoa	PK-8	COED	\$424/mo. - \$7,758	117	13.0
Mauna Loa School	Hilo	PK-8	COED	\$4,000	43	14.3
St. Joseph School - Hilo	Hilo	PK-12	COED	\$6,000 - \$6,500	305	5.6
Total					966	

Note: Grades reported for E Maka'ala have not been verified at the time of this update.
Source: Private school listing populated according to publicly available information maintained by the Hawaii Association of Independent Schools and the Hawaii Catholic Schools. Other private schools may exist in the region but are not affiliated with either organization.

TABLE 32: Private School Enrollment for Native Hawaiian or Pacific Islander Students (SY11-12)

Institution	Enrollment		
	Total	Native Hawaiian or Pacific Islander	% of Native Hawaiian or Pacific Islander
Christian Liberty School	295	23	7.8%
E Maka'ala School	80	0	0.0%
Haili Christian School	170	0	0.0%
Mālamalama Waldorf School	89	3	3.4%
Mauna Loa School	29	10	34.5%
St. Joseph School - Hilo	276	4	1.4%

Note: ND means no data was available at the time of this update.
Source: ProximityOne n.d.

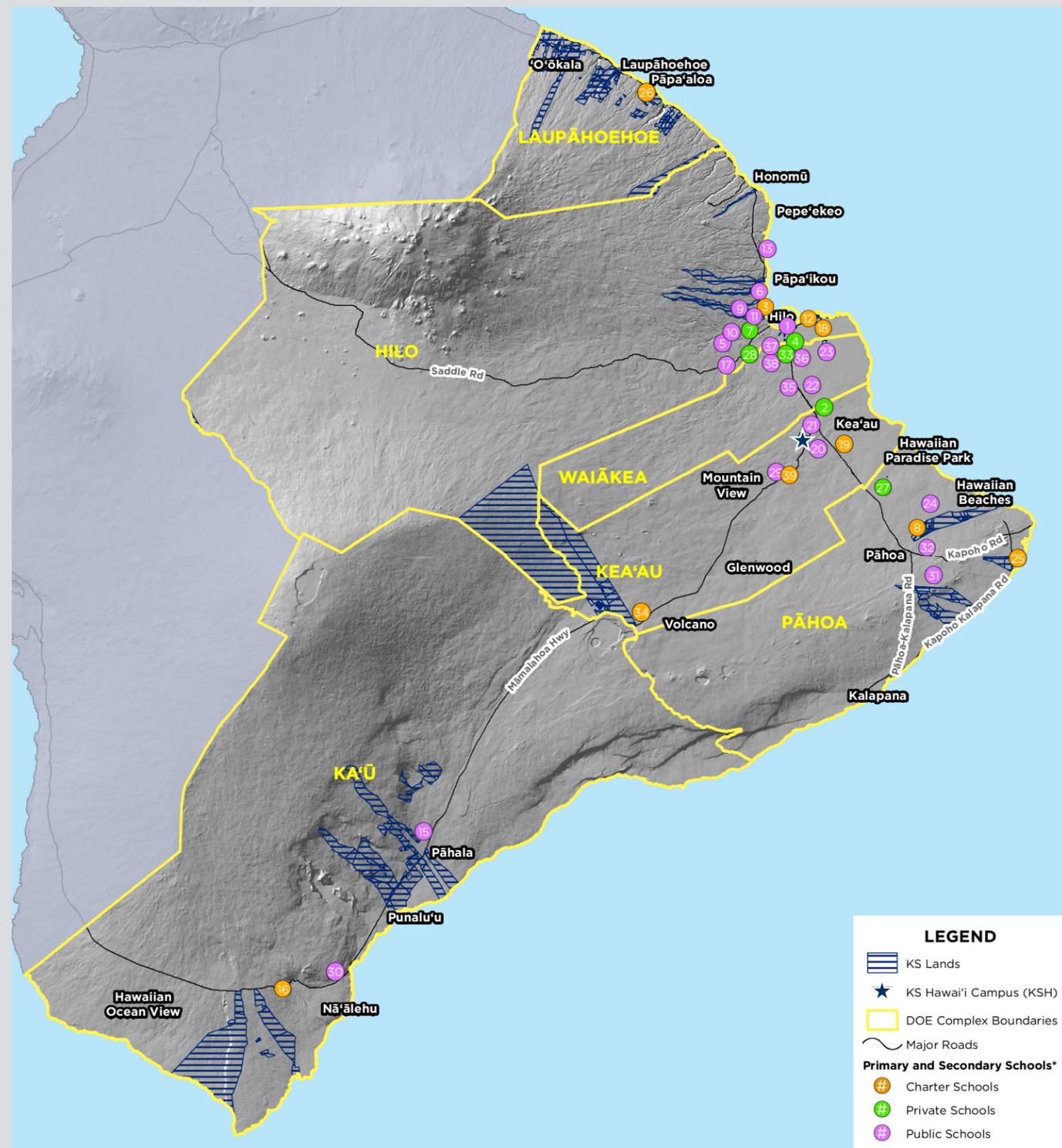
K-12 (CONT'D)

ELEMENTARY AND SECONDARY EDUCATIONAL INSTITUTIONS IN THE REGION

TABLE 33: Elementary and Secondary Educational Institutions in the Region

Map Number	Elementary and Secondary Educational Institutions	Number of Schools
DOE Elementary and Secondary		15
1	Chiefess Kapi'olani Elementary	
5	Ernest Bowen de Silva Elementary	
6	Ha'aheo Elementary	
11	Hilo Union Elementary	
13	Kalaniana'ole Elementary and Intermediate**	
15	Ka'ū High and Pāhala Elementary*, **	
17	Kaumana Elementary	
20	Kea'au Elementary*	
23	Keaukaha Elementary	
24	Keonepoko Elementary*	
29	Mountain View Elementary*	
30	Nā'ālehu Elementary*	
31	Pāhoa Elementary*	
35	Waiākea Elementary	
38	Waiākeawaena Elementary	
DOE Intermediate and High		9
9	Hilo High	
10	Hilo Intermediate	
13	Kalaniana'ole Elementary and Intermediate**	
15	Ka'ū High and Pāhala Elementary*, **	
21	Kea'au High	
22	Kea'au Middle	
32	Pāhoa High and Intermediate	
36	Waiākea High	
37	Waiākea Intermediate	
Charter		10
3	Connections NCPCS	
8	Hawai'i Academy of Arts and Science PCS	
12	Ka 'Umeke Kā'eo PCS	
16	Ka'ū Learning Academy	
18	Ke Ana La'ahana PCS	
19	Ke Kula 'o Nāwahīokalani'ōpu'u Iki Laboratory PCS	
25	Kua O Ka Lā PCS	
26	Laupāhoehoe Community PCS	
34	Volcano School of Arts and Sciences A Community PCS	
39	Waters of Life NCPCS	
Private		7
2	Christian Liberty School*	
4	E Maka'ala School*	
7	Haili Christian School*	
14	Kamehameha Schools - Hawai'i	
27	Mālamalama Waldorf School*	
28	Mauna Loa School*	
33	Saint Joseph School*	

MAP 10: Elementary and Secondary Educational Institutions in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KIC Parcels as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; DOE Complexes from Hawaii DBEDT 3/2017; Major Roads from TIGER U.S. Census Bureau, 2014; Private schools layer populated according to publicly available information maintained by the Hawaii Association of Independent Schools and the Hawaii Catholic Schools. Other private schools may exist in the region but are not affiliated with either organization, May 2017; Public schools layer from DBEDT 2015.

Table Notes & Sources

Note: *School also appears in the Preschool Educational Institutions table.
 Note: **DOE School falls into both the Elementary/Secondary and Intermediate/High school categories. As such, Kalaniana'ole Elementary and Intermediate and Ka'ū High and Pāhala Elementary are listed twice.
 Sources: Hawai'i State Public Charter Commission, SY15-16 Directory of Schools. (<http://www.chartercommission.hawaii.gov/charter-school-directory/>); "Public Schools Locations" GIS layer, State of Hawai'i Department of Business, Economic Development, and Tourism (DBEDT), December 2015. (<http://planning.hawaii.gov/gis/download-gis-data/>); and list of private schools provided by KS. Private school listing populated according to publicly available information maintained by the Hawaii Association of Independent Schools and the Hawaii Catholic Schools. Other private schools may exist in the region but are not affiliated with either organization.

LEGEND

- KS Lands
- KS Hawai'i Campus (KSH)
- DOE Complex Boundaries
- Major Roads
- Primary and Secondary Schools***
 - Charter Schools
 - Private Schools
 - Public Schools

*Locations are Approximate

SELECTED STATEWIDE DOE DATA

FIGURE 38: Selected Statewide DOE Data



Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.
 SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.
 SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

EAST HAWAI'I REGION

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

KS REGION & COMPLEX AREAS

	Enrollment						3rd Grade E/LA Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016								
	Total	Native Hawaiian	% Proficient	Total	Native Hawaiian	% Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient			
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
East Hawai'i Region	15,461	5,750	37%	15,493	5,594	36%	1,173	439	37%	466	119	26%	1,264	513	41%	451	147	33%	1,186	470	40%	474	136	29%	1,267	578	46%	451	169	37%
Hilo-Waiākea Complex Area	8,552	3,140	37%	8,532	3,040	36%	640	258	40%	240	66	28%	691	302	44%	244	93	38%	643	267	42%	240	71	30%	691	331	48%	244	102	42%
Ka'ū-Kea'au-Pāhoa Complex Area	6,909	2,610	38%	6,961	2,554	37%	533	181	34%	226	53	23%	573	211	37%	207	54	26%	543	203	37%	234	65	28%	576	247	43%	207	67	32%

	8th Grade E/LA Proficiency						8th Grade Math Proficiency						8th Grade Science Proficiency																	
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016														
	Total	Native Hawaiian	% Proficient	Total	Native Hawaiian	% Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient			
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
East Hawai'i Region	1,050	441	42%	443	124	28%	1,109	516	47%	494	170	34%	1,048	352	34%	444	97	22%	1,110	384	35%	491	111	23%	1,073	332	31%	453	88	19%
Hilo-Waiākea Complex Area	600	276	46%	245	69	28%	658	324	49%	292	102	35%	598	252	42%	245	65	27%	655	268	41%	289	75	26%	613	223	36%	251	57	23%
Ka'ū-Kea'au-Pāhoa Complex Area	450	165	37%	198	55	28%	451	192	43%	202	68	34%	450	100	22%	199	32	16%	455	116	25%	202	36	18%	460	109	24%	202	31	15%

	11th Grade E/LA Proficiency						11th Grade Math Proficiency						HS Science Proficiency																	
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015			SY 2015 - 2016														
	Total	Native Hawaiian	% Proficient	Total	Native Hawaiian	% Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient	Total	Proficient	% Proficient	Native Hawaiian	NH Students**	NH Proficient	NH % Proficient			
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
East Hawai'i Region	908	408	45%	336	105	31%	872	423	49%	343	117	34%	907	222	24%	335	42	13%	870	196	23%	339	41	12%	987	228	23%	401	42	10%
Hilo-Waiākea Complex Area	549	259	47%	190	53	28%	512	276	54%	190	79	42%	542	143	26%	188	19	10%	512	132	26%	189	27	14%	579	160	28%	227	31	14%
Ka'ū-Kea'au-Pāhoa Complex Area	359	149	42%	146	52	36%	360	147	41%	153	38	25%	365	79	22%	147	23	16%	358	64	18%	150	14	9%	408	68	17%	174	11	6%

	HS Drop-out				On-Time Graduation				PS Fall Enrollment											
	SY 2014 - 2015				SY 2014 - 2015				SY 2014 - 2015				SY 2015 - 2016							
	Total	Native Hawaiian	% Proficient	% Drop-Outs	Total	Native Hawaiian	% Graduates	% Graduates	Total	Native Hawaiian	% HS Completers Enrolled	% HS Completers Enrolled	Total	Native Hawaiian	% HS Completers Enrolled	% HS Completers Enrolled				
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers Enrolled	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers Enrolled	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
East Hawai'i Region	1,119	171	15%	65	17%	1,119	884	79%	295	76%	909	497	55%	132	43%	942	446	47%	115	33%
Hilo-Waiākea Complex Area	678	109	16%	35	17%	678	536	79%	158	76%	547	334	61%	73	45%	569	297	52%	74	37%
Ka'ū-Kea'au-Pāhoa Complex Area	441	62	14%	30	17%	441	348	79%	137	76%	362	163	45%	59	41%	373	149	40%	41	28%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; - cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

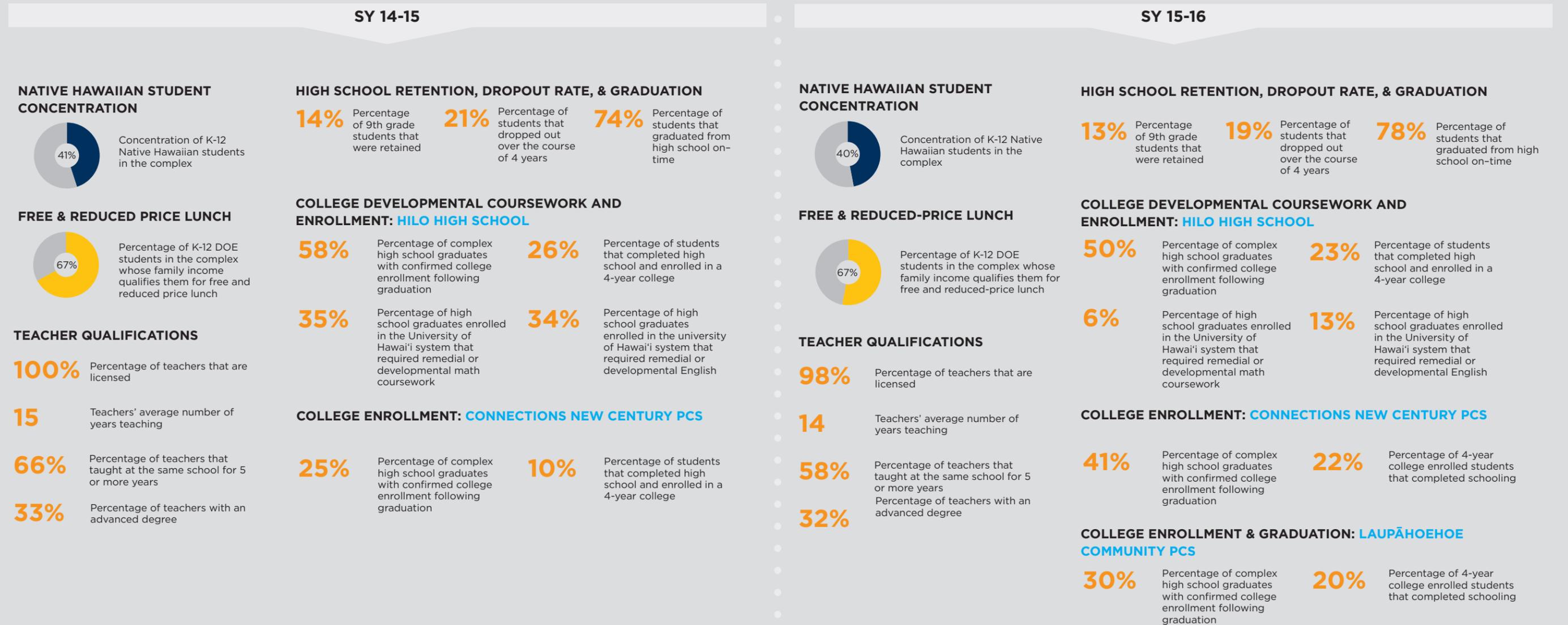
- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

SELECTED DOE DATA: HILO COMPLEX

FIGURE 39: Selected DOE Complex Data: Hilo Complex



Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.
 SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.
 SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

HILO COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

ELEMENTARY

Complex School	Enrollment						3rd Grade E/LA Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Hilo	5,004	1,991	40%	4,949	1,934	39%	378	147	39%	156	44	28%	409	175	43%	165	64	39%	381	154	40%	156	49	31%	408	192	47%	165	72	44%
Chiefess Kapi'olani Elementary	345	98	28%	346	75	22%	47	21	45%	14	7	50%	56	22	39%	17	7	41%	47	15	32%	14	5	36%	56	19	34%	17	4	24%
Connections New Century Public Charter School	350	109	31%	359	103	29%	22	3	14%	†	†	†	25	6	24%	11	2	18%	23	3	13%	†	†	†	25	7	28%	11	2	18%
Ernest Bowen de Silva Elementary	441	105	24%	454	107	24%	69	45	65%	18	8	44%	58	40	69%	13	7	54%	69	48	70%	18	10	56%	58	44	76%	13	8	62%
Ha'aheo Elementary	192	†	†	182	†	†	30	13	43%	†	†	†	25	7	28%	†	†	†	30	14	47%	†	†	†	25	11	44%	†	†	†
Hilo Union Elementary	458	154	34%	434	135	31%	61	15	25%	31	5	16%	70	27	39%	25	10	40%	63	19	30%	31	6	19%	70	24	34%	25	9	36%
Ka 'umana Elementary	298	134	45%	277	106	38%	46	18	39%	26	11	42%	41	18	44%	21	7	33%	46	21	46%	26	13	50%	41	22	54%	21	10	48%
Keaukaha Elementary	384	295	77%	400	290	73%	53	9	17%	†	†	†	71	28	39%	59	24	41%	53	11	21%	†	†	†	71	37	52%	59	33	56%
Laupāhoehoe Community Public Charter School	251	42	17%	253	51	20%	12	9	75%	†	†	†	18	11	61%	†	†	†	12	6	50%	†	†	†	18	12	67%	†	†	†
Prince Jonah Kuhio Kalaniana 'ole Elementary & Intermediate	286	70	24%	315	74	23%	38	14	37%	10	2	20%	45	16	36%	†	†	†	38	17	45%	10	4	40%	44	16	36%	†	†	†

INTERMEDIATE

Complex School	Enrollment						8th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Hilo	5,004	1,991	40%	4,949	1,934	39%	340	143	42%	140	34	24%	333	155	47%	157	53	34%
Connections New Century Public Charter School	350	109	31%	359	103	29%	38	16	42%	19	4	21%	31	16	52%	18	9	50%
Hilo Intermediate	470	196	42%	481	225	47%	233	114	49%	91	26	29%	237	118	50%	105	37	35%
Ka 'Umeke Kā'eo Public Charter School	260	208	80%	244	186	76%	11	2	18%	11	2	18%	15	3	20%	15	3	20%
Ke Ana La'ahana Public Charter School	45	†	†	44	†	†	†	†	†	†	†	†	†	†	†	†	†	†
Laupāhoehoe Community Public Charter School	251	42	17%	253	51	20%	†	†	†	†	†	†	†	†	†	†	†	†
Prince Jonah Kuhio Kalaniana 'ole Elementary & Intermediate	286	70	24%	315	74	23%	28	8	29%	†	†	†	26	14	54%	†	†	†

Complex School	8th Grade Math Proficiency									8th Grade Science Proficiency														
	SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Hilo	343	136	40%	143	39	27%	330	134	41%	155	45	29%	347	112	32%	143	30	21%	342	103	30%	159	25	16%
Connections New Century Public Charter School	38	15	39%	19	4	21%	30	14	47%	18	7	39%	39	8	21%	18	2	11%	33	13	39%	18	6	33%
Hilo Intermediate	234	109	47%	92	31	34%	237	111	47%	105	35	33%	238	91	38%	93	23	25%	245	77	31%	108	16	15%
Ka 'Umeke Kā'eo Public Charter School	11	2	18%	11	2	18%	15	2	13%	15	2	13%	11	3	27%	11	3	27%	15	1	7%	15	1	7%
Ke Ana La'ahana Public Charter School	10	-	0%	10	-	0%	†	†	†	†	†	†	10	-	0%	10	-	0%	†	†	†	†	†	†
Laupāhoehoe Community Public Charter School	21	1	5%	†	†	†	†	†	†	†	†	†	20	1	5%	†	†	†	†	†	†	†	†	†
Prince Jonah Kuhio Kalaniana 'ole Elementary & Intermediate	29	9	31%	†	†	†	26	4	15%	†	†	†	29	9	31%	†	†	†	28	9	32%	†	†	†

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Laupāhoehoe Community Public Charter School is reported under Hilo Complex to allow more information to be included (this small school otherwise would be the only school in the Laupāhoehoe complex).

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR; 2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

HILO COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

HIGH

Complex School	Enrollment						11th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015					SY 2015 - 2016						
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian		Total			Native Hawaiian			
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Hilo	5,004	1,991	40%	4,949	1,934	39%												
Connections New Century Public Charter School	350	109	31%	359	103	29%	30	12	40%	†	†	†	†	†	†	†	†	†
Hilo High	1,224	485	40%	1,160	494	43%	252	116	46%	84	20	24%	238	117	49%	93	36	39%
Ka 'Umeke Kā'eo Public Charter School	260	208	80%	244	186	76%	†	†	†	†	†	†	-	-	N/A	-	-	N/A
Ke Ana La'ahana Public Charter School	45	†	†	44	†	†	†	†	†	†	†	†	†	†	†	†	†	†
Laupāhoehoe Community Public Charter School	251	42	17%	253	51	20%	11	4	36%	†	†	†	17	5	29%	†	†	†

Complex School	11th Grade Math Proficiency						HS Science Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015											
	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Hilo																		
Connections New Century Public Charter School	31	3	10%	†	†	†	16	2	13%	†	†	†	20	4	20%	†	†	†
Hilo High	244	61	25%	82	7	9%	238	48	20%	93	9	10%	279	65	23%	116	15	13%
Ka 'Umeke Kā'eo Public Charter School	†	†	†	†	†	†	-	-	N/A	-	-	N/A	†	†	†	†	†	†
Ke Ana La'ahana Public Charter School	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
Laupāhoehoe Community Public Charter School	11	1	9%	†	†	†	†	†	†	†	†	†	-	-	N/A	-	-	N/A

Complex School	HS Drop-out				On-Time Graduation				PS Fall Enrollment											
	SY 2014 - 2015				SY 2014 - 2015				SY 2014 - 2015				SY 2015 - 2016							
	Total		Native Hawaiian		Total		Native Hawaiian		Total		Native Hawaiian		Total		Native Hawaiian					
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
Hilo																				
Connections New Century Public Charter School	32	8	25%	1	8%	32	19	59%	10	77%	21	6	29%	2	18%	32	13	41%	†	†
Hilo High	319	67	21%	19	18%	319	237	74%	78	76%	239	138	58%	36	46%	252	125	50%	29	33%
Ka 'Umeke Kā'eo Public Charter School	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	
Ke Ana La'ahana Public Charter School	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	
Laupāhoehoe Community Public Charter School	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	10	3	30%	†	†

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

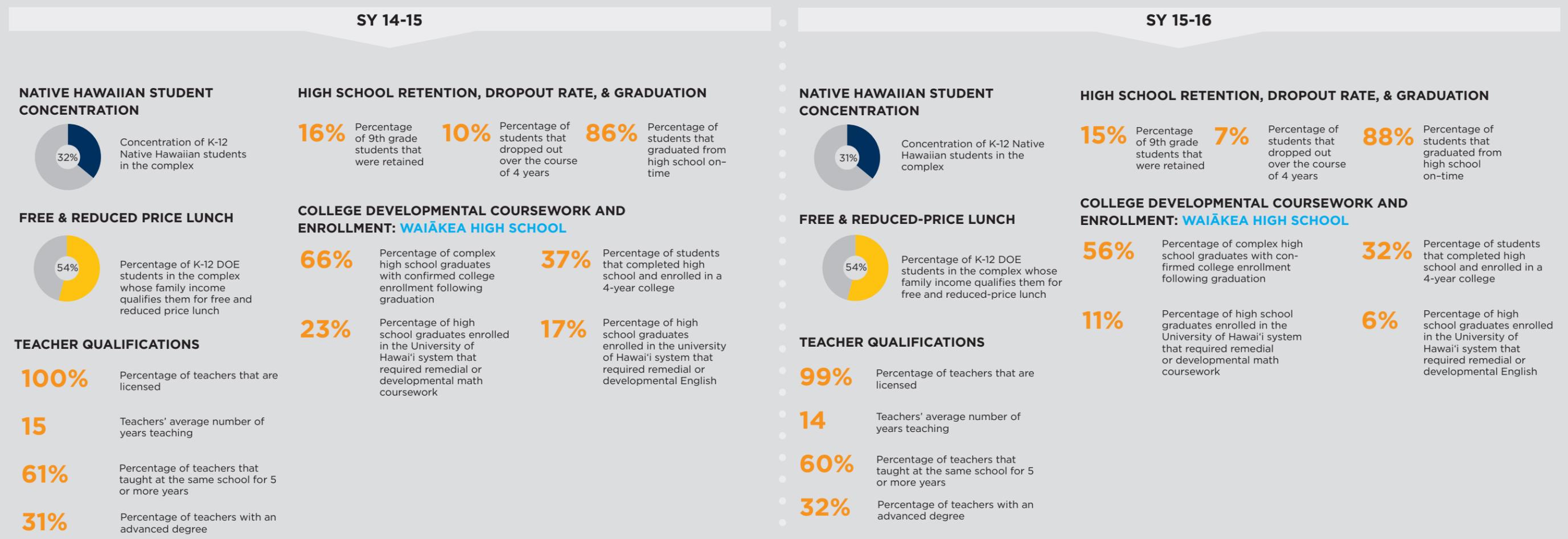
- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

SELECTED DOE DATA: WAIĀKEA COMPLEX

FIGURE 410: Selected DOE Complex Data: Waiākea Complex



Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.

SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.

SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.



WAIĀKEA COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

ELEMENTARY

Complex School	Enrollment						3rd Grade E/LA Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016						SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Waiākea	3,548	1,149	32%	3,583	1,106	31%	262	111	42%	84	22	26%	282	127	45%	79	29	37%	262	113	43%	84	22	26%	283	139	49%	79	30	38%
Waiākea Elementary	814	216	27%	816	191	23%	140	58	41%	48	11	23%	161	80	50%	39	15	38%	140	61	44%	48	14	29%	162	89	55%	39	16	41%
Waiākeawaena Elementary	667	179	27%	712	175	25%	122	53	43%	36	11	31%	121	47	39%	40	14	35%	122	52	43%	36	8	22%	121	50	41%	40	14	35%

INTERMEDIATE

Complex School	Enrollment						8th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Waiākea	3,548	1,149	32%	3,583	1,106	31%	260	133	51%	105	35	33%	325	169	52%	135	49	36%
Waiākea Intermediate	848	343	40%	858	329	38%	260	133	51%	105	35	33%	325	169	52%	135	49	36%

Complex School	8th Grade Math Proficiency						8th Grade Science Proficiency																	
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016											
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Waiākea	255	116	45%	102	26	25%	325	134	41%	134	30	22%	266	111	42%	108	27	25%	327	125	38%	134	26	19%
Waiākea Intermediate	255	116	45%	102	26	25%	325	134	41%	134	30	22%	266	111	42%	108	27	25%	327	125	38%	134	26	19%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; - cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

WAIĀKEA COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

HIGH

Complex School	Enrollment						11th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Waiākea	3,548	1,149	32%	3,583	1,106	31%												
Waiākea High	1,219	411	34%	1,197	411	34%	250	126	50%	87	29	33%	236	142	60%	82	39	48%

Complex School	11th Grade Math Proficiency						HS Science Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015											
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Waiākea																		
Waiākea High	250	77	31%	87	11	13%	237	80	34%	82	16	20%	270	91	34%	94	15	16%

Complex School	HS Drop-out					On-Time Graduation					PS Fall Enrollment									
	SY 2014 - 2015					SY 2014 - 2015					SY 2014 - 2015					SY 2015 - 2016				
	Total		Native Hawaiian			Total		Native Hawaiian			Total		Native Hawaiian			Total			Native Hawaiian	
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
Waiākea																				
Waiākea High	307	31	10%	13	16%	307	265	86%	63	77%	271	180	66%	31	49%	269	150	56%	38	41%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

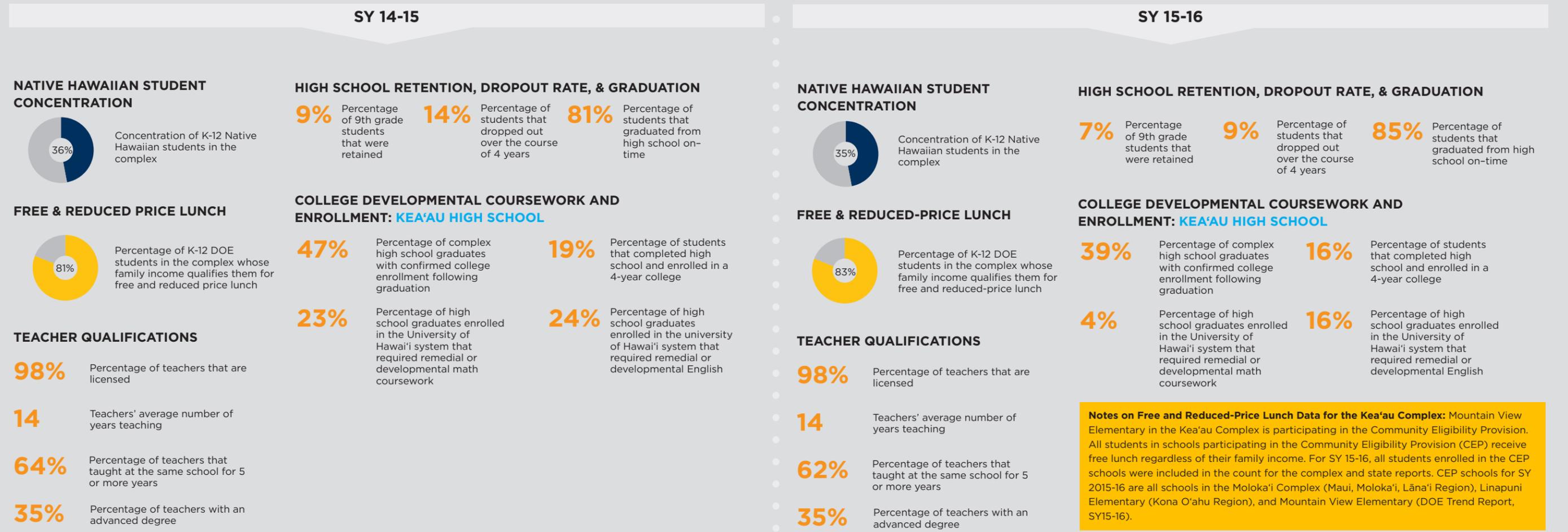
- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

SELECTED DOE DATA: KEA'AU COMPLEX

FIGURE 41: Selected DOE Complex Data: Kea'au Complex



Notes on Free and Reduced-Price Lunch Data for the Kea'au Complex: Mountain View Elementary in the Kea'au Complex is participating in the Community Eligibility Provision. All students in schools participating in the Community Eligibility Provision (CEP) receive free lunch regardless of their family income. For SY 15-16, all students enrolled in the CEP schools were included in the count for the complex and state reports. CEP schools for SY 2015-16 are all schools in the Moloka'i Complex (Maui, Moloka'i, Lāna'i Region), Linapuni Elementary (Kona O'ahu Region), and Mountain View Elementary (DOE Trend Report, SY15-16).

Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.
 SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.
 SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

KEA'AU COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

ELEMENTARY

Complex School	Enrollment						3rd Grade E/LA Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016						SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Kea'au	2,981	1,078	36%	3,201	1,126	35%	254	106	42%	105	33	31%	259	115	44%	93	27	29%	254	116	46%	106	38	36%	259	138	53%	93	38	41%
Kea'au Elementary	805	227	28%	817	207	25%	133	68	51%	45	15	33%	148	70	47%	44	15	34%	133	68	51%	45	15	33%	148	83	56%	44	19	43%
Mountain View Elementary	504	177	35%	517	160	31%	104	34	33%	†	†	†	89	41	46%	†	†	†	104	43	41%	†	†	†	89	48	54%	†	†	†
Nā Wai Ola New Century Public Charter School	172	64	37%	211	85	40%	17	4	24%	†	†	†	22	4	18%	†	†	†	17	5	29%	†	†	†	22	7	32%	†	†	†

INTERMEDIATE

Complex School	Enrollment						8th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Kea'au	2,981	1,078	36%	3,201	1,126	35%	254	88	35%	125	39	31%	206	87	42%	89	34	38%
Kea'au Middle	629	256	41%	668	271	41%	254	88	35%	125	39	31%	206	87	42%	89	34	38%

Complex School	8th Grade Math Proficiency						8th Grade Science Proficiency																	
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016											
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Kea'au	255	60	24%	127	23	18%	207	51	25%	88	14	16%	264	51	19%	128	19	15%	215	56	26%	92	16	17%
Kea'au Middle	255	60	24%	127	23	18%	207	51	25%	88	14	16%	264	51	19%	128	19	15%	215	56	26%	92	16	17%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

KEA'AU COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

HIGH

Complex School	Enrollment						11th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015					SY 2015 - 2016						
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian		Total			Native Hawaiian			
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Kea'au	2,981	1,078	36%	3,201	1,126	35%												
Kea'au High	871	354	41%	988	403	41%	215	85	40%	93	32	34%	196	64	33%	93	20	22%

Complex School	11th Grade Math Proficiency						HS Science Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015											
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Kea'au																		
Kea'au High	224	55	25%	95	18	19%	195	33	17%	91	6	7%	219	28	13%	99	6	6%

Complex School	HS Drop-out					On-Time Graduation					PS Fall Enrollment									
	SY 2014 - 2015			Native Hawaiian		SY 2014 - 2015					SY 2014 - 2015			SY 2015 - 2016						
	Total		Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total		Graduates	% Graduates	NH Graduates	% NH Graduates	Total		Native Hawaiian	Total		Native Hawaiian		
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
Kea'au																				
Kea'au High	225	29	13%	19	20%	225	186	83%	70	75%	220	105	48%	35	42%	207	81	39%	26	30%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

K-12 (CONT'D)

SELECTED DOE DATA: PĀHOA COMPLEX

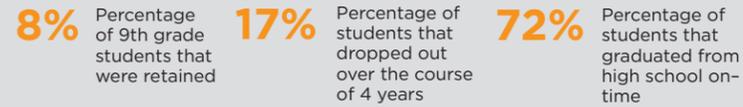
FIGURE 42: Selected DOE Complex Data: Pāhoā Complex

SY 14-15

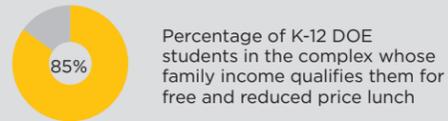
NATIVE HAWAIIAN STUDENT CONCENTRATION



HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



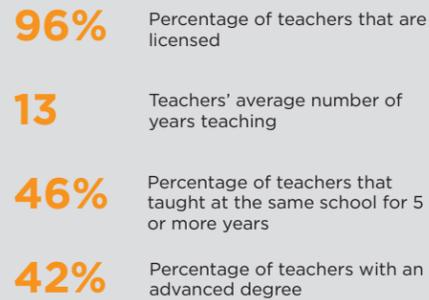
FREE & REDUCED PRICE LUNCH



COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: PĀHOA HIGH & INTERMEDIATE SCHOOL



TEACHER QUALIFICATIONS



COLLEGE ENROLLMENT: HAWAI'I ACADEMY OF ARTS & SCIENCE PCS

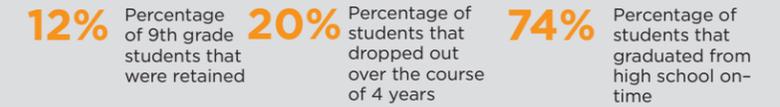


SY 15-16

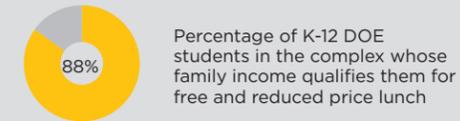
NATIVE HAWAIIAN STUDENT CONCENTRATION



HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



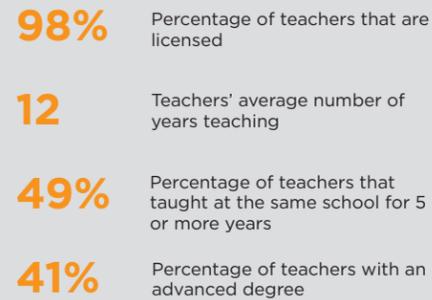
FREE & REDUCED PRICE LUNCH



COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: PĀHOA HIGH & INTERMEDIATE SCHOOL



TEACHER QUALIFICATIONS



COLLEGE ENROLLMENT: HAWAI'I ACADEMY OF ARTS & SCIENCE PCS



Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.
 SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.
 SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

PĀHOA COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

ELEMENTARY

Complex School	Enrollment						3rd Grade E/Lā Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Pāhoa	2,814	1,102	39%	2,651	996	38%	190	56	29%	84	17	20%	216	74	34%	81	21	26%	187	65	35%	83	21	25%	217	80	37%	81	21	26%
Hawai'i Academy of Arts & Science Public Charter School	547	82	15%	592	81	14%	29	12	41%	†	†	†	34	17	50%	†	†	†	29	19	66%	†	†	†	34	18	53%	†	†	†
Keonepoko Elementary	610	211	35%	566	185	33%	76	19	25%	32	9	28%	92	31	34%	38	11	29%	76	22	29%	32	8	25%	93	38	41%	38	13	34%
Kua 'O Ka Lā Public Charter School	229	82	36%	149	52	35%	14	-	0%	†	†	†	16	5	31%	†	†	†	11	-	0%	†	†	†	16	6	38%	†	†	†
Pāhoa Elementary	450	163	36%	423	135	32%	71	25	35%	39	7	18%	74	21	28%	31	8	26%	71	24	34%	39	8	21%	74	18	24%	31	6	19%

INTERMEDIATE

Complex School	Enrollment						8th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian		
	Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Pāhoa	2,814	1,102	39%	2,651	996	38%	109	47	43%	33	6	18%	158	82	52%	70	25	36%
Hawai'i Academy of Arts & Science Public Charter School	547	82	15%	592	81	14%	42	25	60%	†	†	†	59	38	64%	†	†	†
Ke Kula 'O Nāwahīokalani'ōpu 'u Iki Laboratory Public Charter School	294	239	81%	345	276	80%	†	†	†	†	†	†	-	-	N/A	-	-	N/A
Kua 'O Ka Lā Public Charter School	229	82	36%	149	52	35%	†	†	†	†	†	†	17	5	29%	†	†	†
Pāhoa High & Intermediate	684	325	48%	576	267	46%	52	18	35%	20	4	20%	82	39	48%	48	18	38%

Complex School	8th Grade Math Proficiency									8th Grade Science Proficiency														
	SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Pāhoa	109	28	26%	33	5	15%	158	58	37%	70	19	27%	107	40	37%	33	7	21%	163	49	30%	73	13	18%
Hawai'i Academy of Arts & Science Public Charter School	43	14	33%	†	†	†	59	26	44%	†	†	†	42	24	57%	†	†	†	60	26	43%	†	†	†
Ke Kula 'O Nāwahīokalani'ōpu 'u Iki Laboratory Public Charter School	†	†	†	†	†	†	-	-	N/A	-	-	N/A	†	†	†	†	†	†	-	-	N/A	-	-	N/A
Kua 'O Ka Lā Public Charter School	†	†	†	†	†	†	17	-	0%	†	†	†	†	†	†	†	†	†	16	2	13%	†	†	†
Pāhoa High & Intermediate	51	13	25%	20	3	15%	82	32	39%	48	15	31%	53	15	28%	20	3	15%	87	21	24%	52	9	17%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

PĀHOA COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

HIGH

Complex School	Enrollment						11th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Pāhoa	2,814	1,102	39%	2,651	996	38%												
Hawai'i Academy of Arts & Science Public Charter School	547	82	15%	592	81	14%	†	†	†	†	†	†	45	34	76%	†	†	†
Kua 'O Ka Lā Public Charter School	229	82	36%	149	52	35%	†	†	†	†	†	†	13	2	15%	†	†	†
Pāhoa High & Intermediate	684	325	48%	576	267	46%	52	27	52%	27	12	44%	66	32	48%	27	10	37%

Complex School	11th Grade Math Proficiency						HS Science Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015											
	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Pāhoa																		
Hawai'i Academy of Arts & Science Public Charter School	†	†	†	†	†	†	44	9	20%	†	†	†	53	25	47%	10	1	10%
Kua 'O Ka Lā Public Charter School	†	†	†	†	†	†	13	1	8%	†	†	†	21	2	10%	†	†	†
Pāhoa High & Intermediate	49	14	29%	25	3	12%	67	18	27%	27	7	26%	47	6	13%	†	†	†

Complex School	HS Drop-out				On-Time Graduation				PS Fall Enrollment											
	SY 2014 - 2015				SY 2014 - 2015				SY 2014 - 2015				SY 2015 - 2016							
	Total		Native Hawaiian		Total		Native Hawaiian		Total		Native Hawaiian		Total		Native Hawaiian					
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
Pāhoa																				
Hawai'i Academy of Arts & Science Public Charter School	43	8	19%	†	†	43	31	72%	†	†	†	†	†	†	†	†	†	†	†	†
Kua 'O Ka Lā Public Charter School	14	7	50%	†	†	14	4	29%	†	†	†	†	†	†	†	†	†	†	†	†
Pāhoa High & Intermediate	97	12	12%	5	12%	97	77	79%	33	79%	53	19	36%	8	38%	79	30	38%	9	26%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

Limitations:

- Official School Enrollment data is from the DOE Official Enrollment Count file plus race/ethnicity from a student's demographic record. Students who are missing a demographic record are reported as Not Native Hawaiian.

- SBA and HAS Scores 1.) excludes students who did not take the assessment 2.) reported figures may not match official federally reported figures due to difference in calculation, namely "full school year" is not taken into account in this dataset.

- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

2.) Enrollment_end is between 09-15 and 11-30 of HS Graduation YR; and 3.) Enrollment_begin is before 08-15 of Graduation YR and Enrollment_end is after 11-30 of HS Graduation YR.

- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

SELECTED DOE DATA: KA'Ū COMPLEX

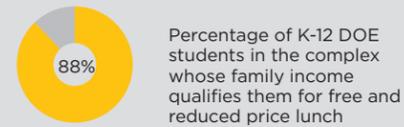
FIGURE 43: Selected DOE Complex Data: Ka'ū Complex

SY 14-15

NATIVE HAWAIIAN STUDENT CONCENTRATION



FREE & REDUCED PRICE LUNCH



TEACHER QUALIFICATIONS

- 80%** Percentage of teachers that are licensed
- 7** Teachers' average number of years teaching
- 35%** Percentage of teachers that taught at the same school for 5 or more years
- 32%** Percentage of teachers with an advanced degree

HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION

- 9%** Percentage of 9th grade students that were retained
- 10%** Percentage of students that dropped out over the course of 4 years
- 81%** Percentage of students that graduated from high school on-time

COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KA'Ū HIGH & PĀHALA ELEMENTARY SCHOOL

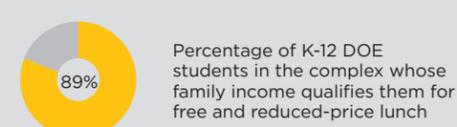
- 37%** Percentage of complex high school graduates with confirmed college enrollment following graduation
- 21%** Percentage of students that completed high school and enrolled in a 4-year college
- ND** Percentage of high school graduates enrolled in the University of Hawai'i system that required remedial or developmental math coursework
- ND** Percentage of high school graduates enrolled in the university of Hawai'i system that required remedial or developmental English

SY 15-16

NATIVE HAWAIIAN STUDENT CONCENTRATION



FREE & REDUCED-PRICE LUNCH



TEACHER QUALIFICATIONS

- 80%** Percentage of teachers that are licensed
- 7** Teachers' average number of years teaching
- 33%** Percentage of teachers that taught at the same school for 5 or more years
- 34%** Percentage of teachers with an advanced degree

HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION

- 4%** Percentage of 9th grade students that were retained
- 23%** Percentage of students that dropped out over the course of 4 years
- 67%** Percentage of students that graduated from high school on-time

COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KA'Ū HIGH & PĀHALA ELEMENTARY SCHOOL

- 33%** Percentage of complex high school graduates with confirmed college enrollment following graduation
- 15%** Percentage of students that completed high school and enrolled in a 4-year college
- ND** Percentage of high school graduates enrolled in the University of Hawai'i system that required remedial or developmental math coursework
- ND** Percentage of high school graduates enrolled in the University of Hawai'i system that required remedial or developmental English

Notes: The percentage of 9th grade students that were retained refers to the percentage of students who were not promoted to the next grade level. The percentage of students that graduated on-time refers to the percentage of students who complete high school within four years of their 9th grade entry date. Dual enrollment is defined as students who enrolled in a college-level course at the University of Hawai'i prior to high school graduation.
 SY14-15 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY14-15; Free & Reduced-Price Lunch: DOE Trend Report, SY14-15; Teacher Qualifications: DOE Trend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.
 SY15-16 Sources: Statewide DOE Science, English Language Arts, and Math Proficiency (All Grades): DOE STRIVE HI Student Group Performance Report, SY15-16; Free & Reduced-Price Lunch: DOE Trend Report, SY15-16; Teacher Qualifications: DOE Trend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, and Retention: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

KA'Ū COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

ELEMENTARY

Complex School	Enrollment						3rd Grade E/LA Proficiency									3rd Grade Math Proficiency														
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Ka'ū	1,114	430	39%	1,109	432	39%	89	19	21%	37	3	8%	98	22	22%	33	6	18%	102	22	22%	45	6	13%	100	29	29%	33	8	24%
Ka'ū High & Pahala Elementary	550	228	41%	506	218	43%	†	†	†	†	†	†	15	3	20%	†	†	†	18	5	28%	†	†	†	15	4	27%	†	†	†
Ka'ū Learning Academy	ND	ND	ND	94	47	50%	-	-	N/A	-	-	N/A	20	7	35%	†	†	†	-	-	N/A	-	-	N/A	20	7	35%	†	†	†
Nā'ālehu Elementary	393	153	39%	350	124	35%	56	4	7%	26	2	8%	46	7	15%	13	3	23%	57	4	7%	26	2	8%	48	11	23%	13	4	31%
Volcano School of Arts & Sciences Community Public Charter School	171	49	29%	159	43	27%	†	†	†	†	†	†	17	5	29%	†	†	†	27	13	48%	†	†	†	17	7	41%	†	†	†

INTERMEDIATE

Complex School	Enrollment						8th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total	Native Hawaiian		Total	Native Hawaiian		Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Ka'ū	1,114	430	39%	1,109	432	39%	87	30	34%	40	10	25%	87	23	26%	43	9	21%
Ka'ū High & Pahala Elementary	550	228	41%	506	218	43%	69	20	29%	†	†	†	69	18	26%	†	†	†
Volcano School of Arts & Sciences Community Public Charter School	171	49	29%	159	43	27%	18	10	56%	†	†	†	18	5	28%	†	†	†

Complex School	8th Grade Math Proficiency									8th Grade Science Proficiency														
	SY 2014 - 2015						SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016								
	Total			Native Hawaiian			Total			Native Hawaiian			Total			Native Hawaiian								
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
Ka'ū	86	12	14%	39	4	10%	90	7	8%	44	3	7%	89	18	20%	41	5	12%	92	16	17%	45	6	13%
Ka'ū High & Pahala Elementary	68	8	12%	†	†	†	72	4	6%	†	†	†	71	8	11%	†	†	†	73	9	12%	†	†	†
Volcano School of Arts & Sciences Community Public Charter School	18	4	22%	†	†	†	18	3	17%	†	†	†	18	10	56%	†	†	†	19	7	37%	†	†	†

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; † cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

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- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

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HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

KA'Ū COMPLEX

Education Enrollment, Proficiency and Achievement (Total and Native Hawaiian (NH) Population) for SY 2014-2015 & SY 2015-2016

HIGH

Complex School	Enrollment						11th Grade E/LA Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015						SY 2015 - 2016					
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students Enrolled	Total NH Students Enrolled	% NH Enrolled	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Ka'ū	1,114	430	39%	1,109	432	39%												
Ka'ū High & Pahala Elementary	550	228	41%	506	218	43%	50	11	22%	19	5	26%	40	15	38%	18	3	17%

Complex School	11th Grade Math Proficiency						HS Science Proficiency											
	SY 2014 - 2015			SY 2015 - 2016			SY 2014 - 2015											
	Total		Native Hawaiian	Total		Native Hawaiian	Total			Native Hawaiian			Total			Native Hawaiian		
	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
Ka'ū																		
Ka'ū High & Pahala Elementary	49	2	4%	19	1	5%	39	3	8%	17	-	0%	68	7	10%	31	1	3%

Complex School	HS Drop-out					On-Time Graduation					PS Fall Enrollment									
	SY 2014 - 2015					SY 2014 - 2015					SY 2014 - 2015			SY 2015 - 2016						
	Total		Native Hawaiian			Total		Native Hawaiian			Total		Native Hawaiian	Total		Native Hawaiian				
	Total Students	Drop-Outs	% Drop-Outs	Total NH Drop-outs	% NH Drop-Outs	Total Students	Graduates	% Graduates	NH Graduates	% NH Graduates	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled	Total HS Completers	HS Completers Enrolled	% HS Completers Enrolled	NH HS Completers Enrolled	% NH HS Completers Enrolled
Ka'ū																				
Ka'ū High & Pahala Elementary	62	6	10%	1	4%	62	50	81%	22	92%	49	19	39%	8	38%	49	16	33%	4	24%

Notes: * Includes students with valid SBA/HSA test scores; ** Includes Native Hawaiian students with valid SBA/HSA test scores; * cell suppressed to protect confidentiality; - represents zero students; N/A represents zero students in denominator of percentage calculation.

Metrics are aggregated by KS Region, DOE Complex Area or Complex, by School, and by Native Hawaiian race/ethnicity. "Native Hawaiian" Students are students with an ethnicity code of "Native Hawaiian" or "Part Native Hawaiian."

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- Percentage of High School graduates who enrolled in a PS Institution in the Fall after HS Graduation, includes HS completers who have earned a certificate of completion in place of a regular diploma. Enrollment record falls between one of the following criteria: 1.) Enrollment_begin is between 08-15 and 10-31 of HS Graduation YR;

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Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

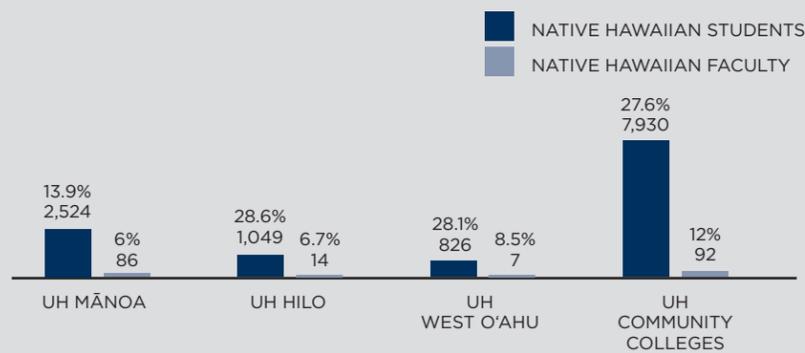
Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

POSTSECONDARY

The following pages provide data related to the KS Milestone “Postsecondary Completion,” including Native Hawaiian educational attainment, data on Native Hawaiian student and teacher concentration in the University of Hawai‘i System, and graduation and persistence rates for undergraduate cohorts.

UNIVERSITY of HAWAI‘I SYSTEM DATA

FIGURE 44: Native Hawaiian Student and Faculty Population (Fall 2016)

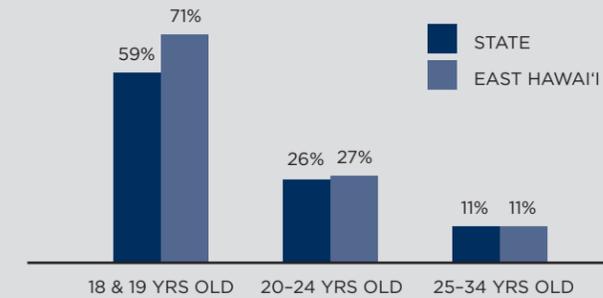


Source: University of Hawaii Institutional Research & Analysis Office (IRO) Data Access Portal, 2017.

The table at left identifies the number and percentage of Native Hawaiian faculty and students across the University of Hawai‘i System in Fall 2016.

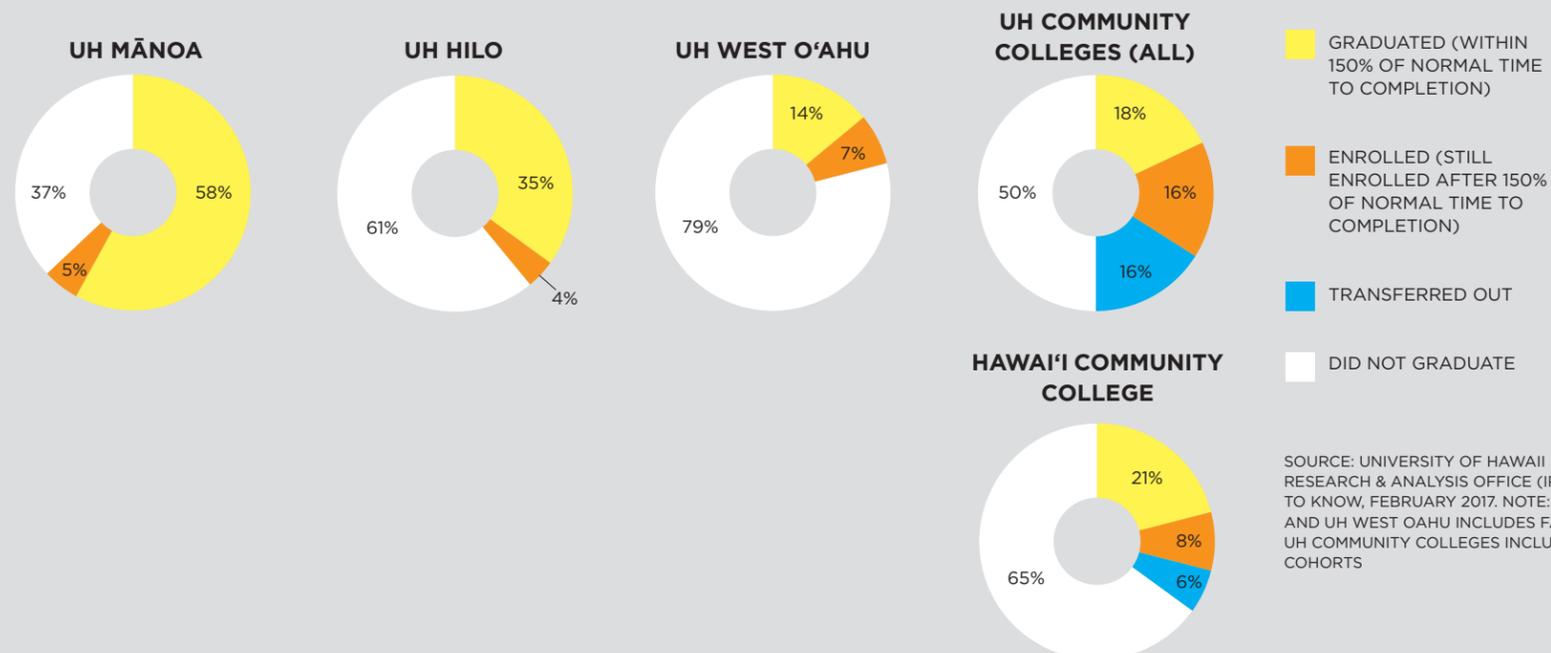
NATIVE HAWAIIAN ENROLLMENT

FIGURE 46: Statewide and Regional Percentages of Native Hawaiian 18-34 year olds Enrolled in Postsecondary School (2010)



Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

FIGURE 45: University of Hawai‘i Graduation and Persistence Rates, Total Population (Fall 2013)



SOURCE: UNIVERSITY OF HAWAII INSTITUTIONAL RESEARCH & ANALYSIS OFFICE (IRO) STUDENT RIGHT TO KNOW, FEBRUARY 2017. NOTE: UH MANOA, UH HILO, AND UH WEST OAHU INCLUDES FALL 2010 COHORTS; UH COMMUNITY COLLEGES INCLUDES FALL 2013 COHORTS

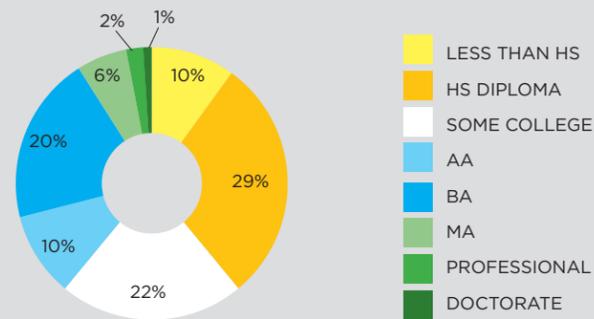
List of University of Hawai‘i Community Colleges

- Hawai‘i Community College
- Honolulu Community College
- Kapi‘olani Community College
- Kaua‘i Community College
- Leeward Community College
- University of Hawai‘i Maui College
- Windward Community College

POSTSECONDARY (CONT'D)

TOTAL POPULATION EDUCATIONAL ATTAINMENT

FIGURE 47: Statewide Educational Attainment of the Total Population 25 Years and Older (2010)



Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

NATIVE HAWAIIAN EDUCATIONAL ATTAINMENT

FIGURE 48: Statewide and Regional Percentages of Native Hawaiian 25-34 year olds who have Completed a Postsecondary Degree (2010)



Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

FIGURE 49: Educational Attainment of Native Hawaiians Residing in the Region 25 Years and Older (2010)

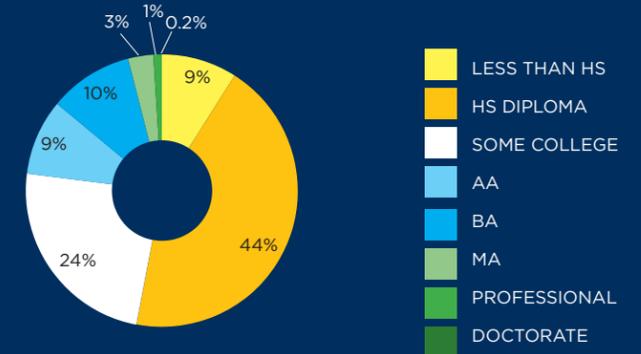
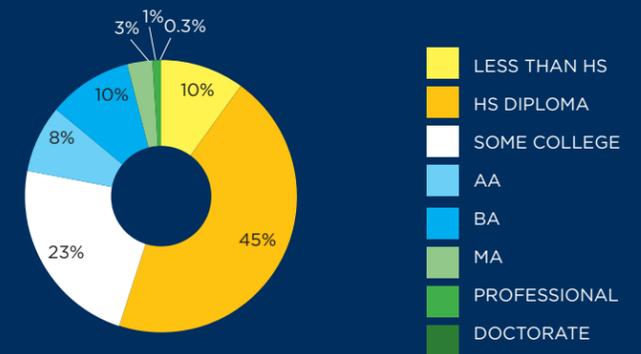


FIGURE 50: Statewide Educational Attainment of Native Hawaiians 25 Years and Older (2010)



Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

LESS THAN 1% OF NATIVE HAWAIIANS IN THE STATE HAVE ATTAINED A DOCTORAL DEGREE

POSTSECONDARY (CONT'D)

TABLE 34: Hawai'i Community College, Pālanuanui Program Offerings (Fall 2016)

Degrees and Courses	UH Campus
BUSINESS	
BBA , Business Administration, General Bus Admin	UH Hilo
BBA , Business Administration, Accounting	UH Hilo
Cert , Risk Management & Insurance	UHWO
BA , Business Administration, General Bus Admin	UHWO
BA , Business Administration, Accounting	UHWO
BA , Business Administration, Marketing	UHWO
BA , Business Administration, Hospitality & Tourism	UHWO
EMBA , Executive Master of Business Administration	Mānoa (Shidler Coll of Business)
MHRM , Master of Human Resources Management	Mānoa (Shidler Coll of Business)
EDUCATION	
Teaching License	
BEd , Early Childhood & Early Childhood Special Education	Mānoa
BEd , Elementary Education	Mānoa
Post-Bacc Certificate , Secondary Education	Mānoa
Post-Bacc Certificate , Special Education	Mānoa
MEd , Teaching (Elementary or Secondary or Dual Secondary/ SPED)	Mānoa
Grad Cert , Kahuawaiola Indigenous Teacher Education	Mānoa
Non-License Education	
CC, CA, AS Early Childhood Education	Hawai'i CC (WH)
BA , Social Sciences, Early Childhood Education	Mānoa
Grad Cert , Online Learning & Teaching (COLT)	Mānoa
MEd , Educational Administration (K-12)	Mānoa
MEd , Curriculum Studies (Literacy Specialist or STEMS ²)	Mānoa
MEd , Special Education	Mānoa
MEd , Learning Design & Technology (LTEC)	Mānoa
MEd , Dual Learning Design & Technology (LTEC) & LISc	Mānoa
MEd , EDCS STEMS ²	Mānoa
MS , Kinesiology & Rehab Science (Rehabilitation Counselor Ed)	Mānoa
MA , Music Education	Mānoa
MEd , Education	UH Hilo
MA , Indigenous Language & Culture Education	UH Hilo
PhD , Learning Design & Technology (LTEC) Hybrid	Mānoa
HOSPITALITY DIVISION	
CC, CA, AAS , Culinary Arts	Hawai'i CC (WH)
Cert , Travel Industry Management	Mānoa
CC, CA, AAS , Hospitality & Tourism	Hawai'i CC (WH)

Degrees and Courses	UH Campus
INFORMATION & COMPUTER SCIENCES	
MLISc , Library & Information Science	Mānoa
MS , Computer Science	Mānoa
LIBERAL ARTS	
AA , Liberal Arts	Hawai'i CC (WH)
AAS , Hawai'i Life Styles - Hula Track	Hawai'i CC (WH)
AA , Hawaiian Studies	Hawai'i CC (WH)
CA, AS , Tropical Forest Ecosystem & Agroforestry Management	Hawai'i CC (WH)
MEDICAL & HEALTH CARE	
AS , Nursing	Hawai'i CC (WH)
RN to BSN Program	UH Hilo
MS , Nursing (Public Health or Clinical)	Mānoa
PhD , Nursing	Mānoa
DNP , Family Nurse Practitioner, Adult Gerontology Practitioner	Mānoa
DNP , Nursing Practice	UH Hilo
PUBLIC ADMINISTRATION	
Cert , Disaster Prep & Emergency Management	UHWO
Cert , Health Care Administration	UHWO
BA , Public Administration, General Public Administration	UHWO
BA , Public Administration, Disaster Prep & Emergency Management	UHWO
BA , Public Administration, Health Care Administration	UHWO
BA , Public Administration, Justice Administration	UHWO
SOCIAL RELATIONS/HUMAN SERVICES	
CC , Human Services	Hawai'i CC (WH)
CC , Substance Abuse Counseling	Hawai'i CC (WH)
Cert , Substance Abuse & Addictions Studies	UHWO
Cert (Undergrad), Ethnic Studies (in process)	Mānoa
Cert , Conflict Resolution	Mānoa
Cert , Peace Studies	Mānoa
Cert , Professional Planning (in process)	Mānoa
Cert (Undergrad), Women's Studies	Mānoa
BA , Social Sciences - Applied Track (BASS)	UHWO
BA , Social Sciences, Political Science	UHWO
BA , Social Sciences, Psychology	UHWO
BA , Sociology (in process)	Mānoa
BA , Psychology	Mānoa
BA , Women's Studies (in process)	Mānoa
MA , Urban & Regional Planning	Mānoa
MSW , Social Work	Mānoa

Note: Programs not offered at the Hawaii CC (West Hawaii)/Palamanui Campus are offered online from other campuses.
Source: University of Hawaii, Hawaii Community College, Palamanui Campus, Fall 2016 Palamanui Class Schedule.

TABLE 35: University of Hawai'i at Hilo Ka Haka 'Ula o Ke'elikōlani Graduation Rates

Ka Haka 'Ula o Ke'elikōlani Program	SY08-09		SY09-10		SY10-11		SY11-12		SY12-13		SY13-14	
	Native Hawaiian	Total Population										
Number of Graduates	13	29	28	37	15	28	23	29	25	38	25	40
Percentage of Native Hawaiian Graduates	45%		76%		54%		79%		66%		63%	

Source: Office of Hawaiian Affairs (OHA) Data Book 2015, Table 4.63, UH System Degrees Earned by Native Hawaiians by Campus/College: FY 2008-2009 to FY 2013-2014.

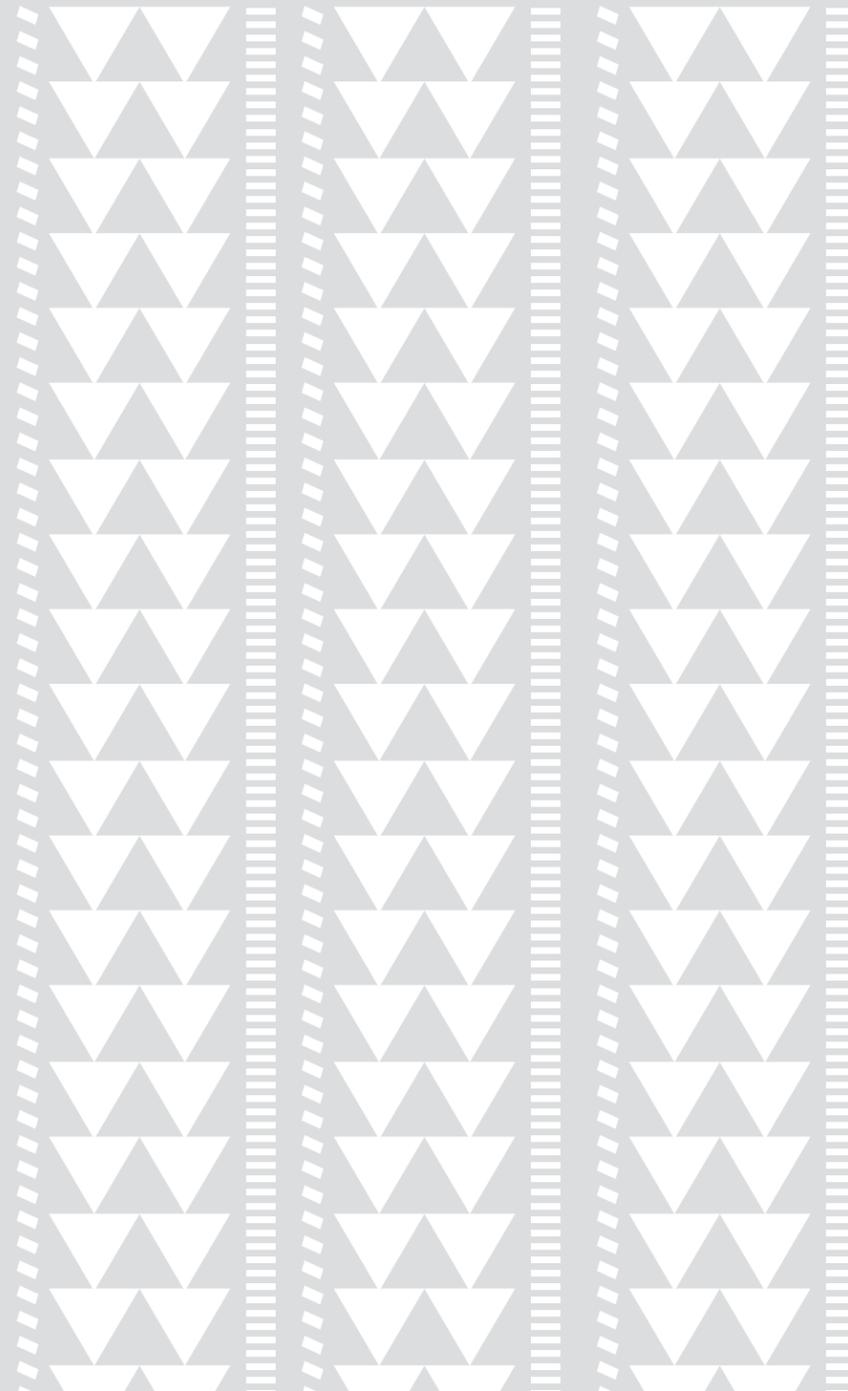
POSTSECONDARY (CONT'D)

ADULT EDUCATION, TRAINING, AND POSTSECONDARY EDUCATIONAL INSTITUTIONS IN THE REGION

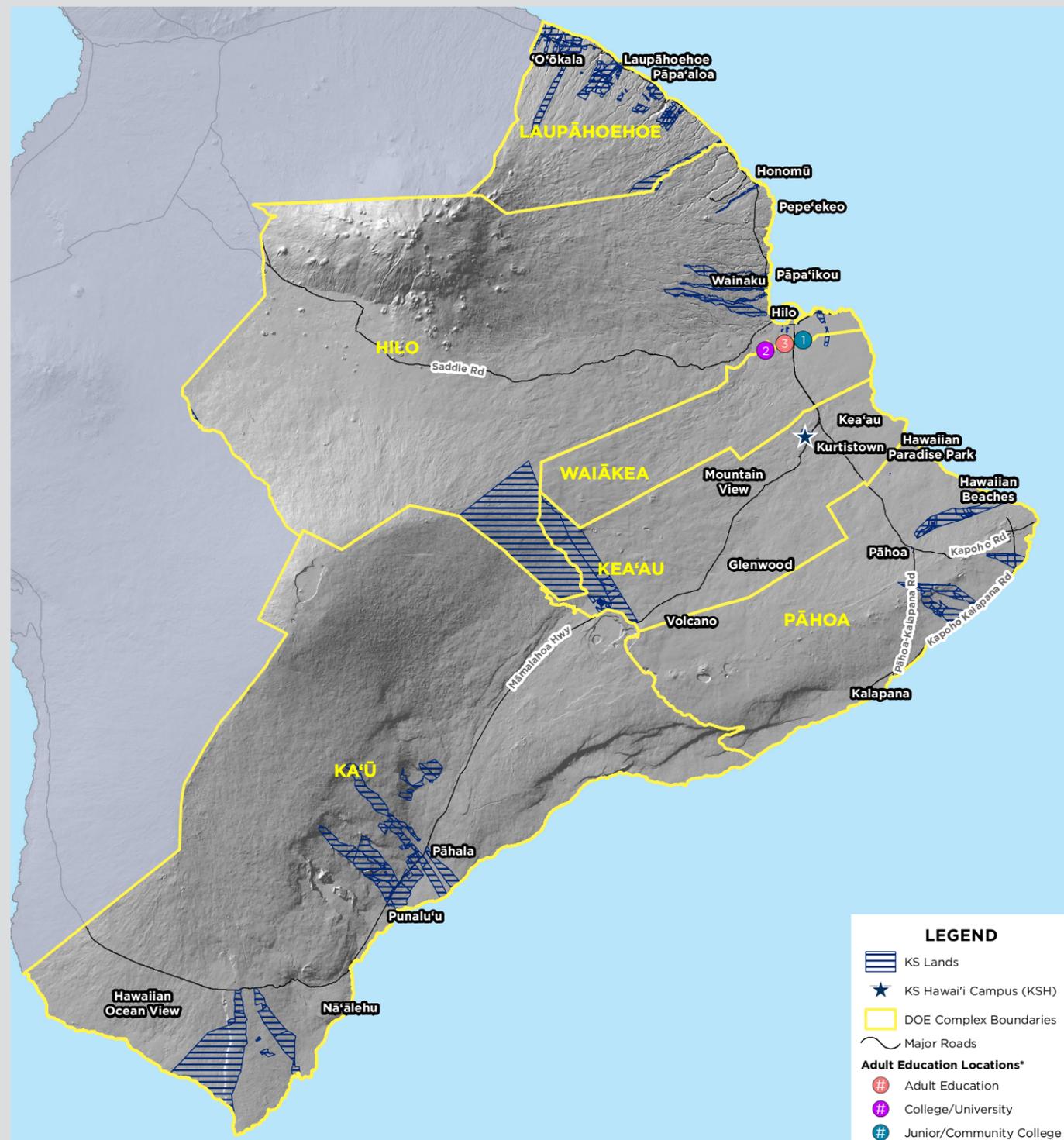
TABLE 36: Adult Education, Training, and Postsecondary Educational Institutions in the Region

Map Number	Adult Education, Training, and Postsecondary Institutions (3 Schools)
1	Hawai'i Community College
2	University of Hawai'i at Hilo
3	Waipahu Community School for Adults (WCSA) - Hilo Campus

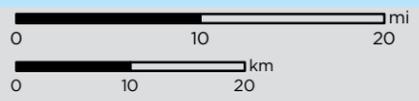
Source: List compiled by Cardno. National Center for Education Statistics, 2017. Hawaii DOE, 2017.

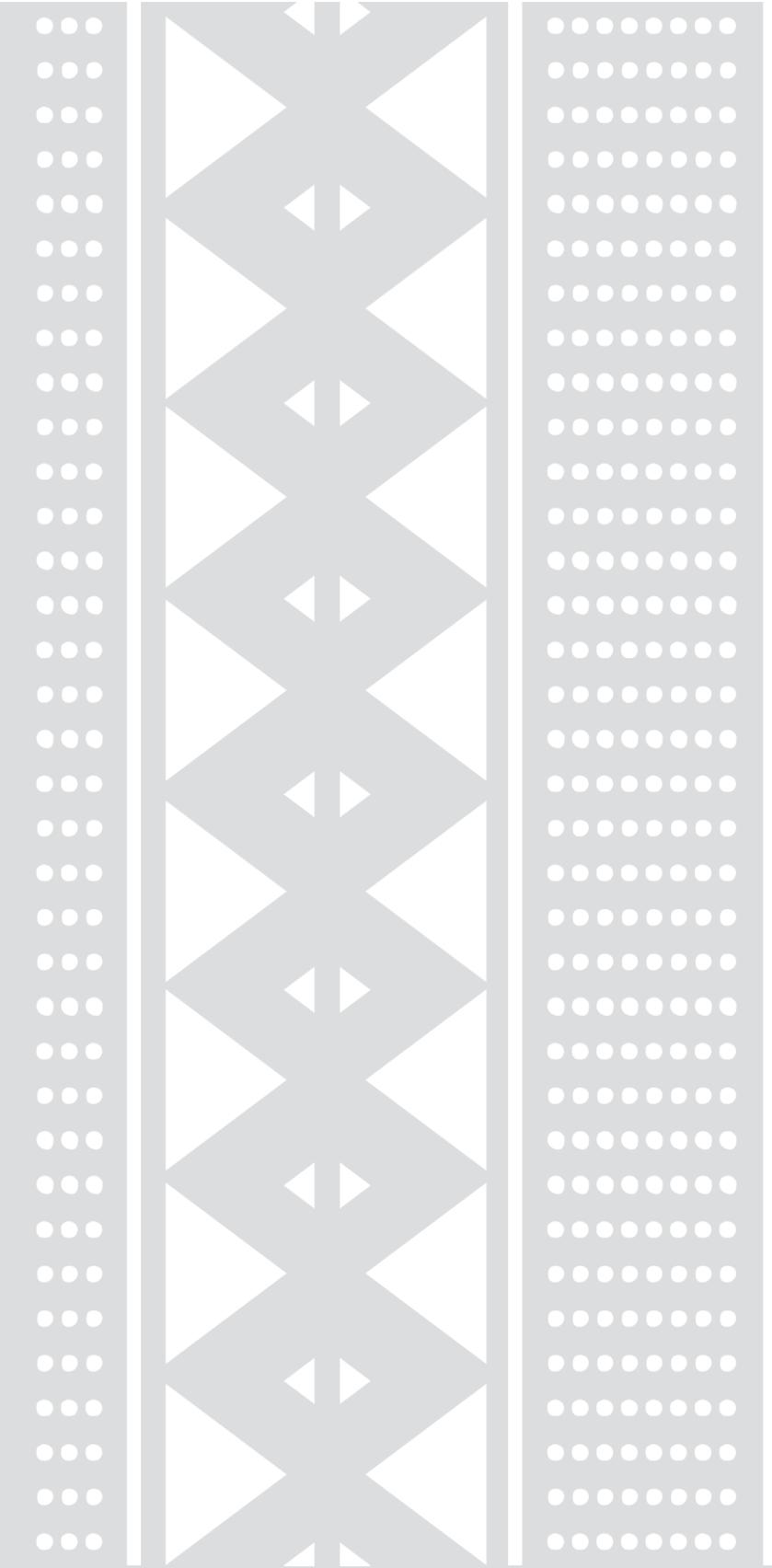


MAP 11: Adult Education, Training, and Postsecondary Educational Institutions in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KIC Parcels as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Adult schools layer created by Cardno April 2017 based on facility physical address from National Center for Education Statistics, 2017 and Hawaii DOE, 2017. Layer currently retained by LIMS.





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STAKEHOLDERS & COLLABORATORS IN THE REGION

Section 4 Stakeholders & Collaborators in the Region presents and discusses current stakeholders in the Region (both those that have existing partnerships with KS and those that do not)—all of which have significant roles in shaping the physical, social, and educational environment of the region, including its people and places.

KS actively engages in diverse partnerships and leveraging of multi-sector relationships with a variety of program-operating organizations and landowners. As appropriate, leadership may choose to partner with entities identified in this section and other entities in pursuit of the KS SP2020 goals and educational milestones and as part of a collective impact approach.

Significant stakeholders in the region all contribute to the environment surrounding the people of the region. The interests and influence of these stakeholders shape the resources that flow into and/or out of the area, the opportunities that are available within the region, and, at times, the access to those resources and opportunities. Some of the stakeholders discussed herein share KS' long-term vision to strengthen Native Hawaiian leadership, influence, economic wellbeing, and physical and mental health within the Region. Other stakeholders are neighbors to KS, partners in programming with KS, or potential partners as KS continues to focus on impact-driven resource management and leveraging collective impact. Synergistic facilities and stakeholder engagement that support a growing Native Hawaiian population and a long-term sustainable community necessitates collaborative efforts between KS and regional stakeholders.

As the Native Hawaiian learner population grows in the Region, the level of engagement between aligned stakeholders and partners will likely increase to maximize support for the increasing requirements of an expanding group of learners. Notably, sufficient density of facilities and collaborators in close proximity allows for a concentration of resources in a given area as opposed to facilities and collaborators that are spread thinly over a large area. Hence, the remote location of some Native Hawaiian communities must be a consideration in service delivery. As previously discussed, additional personnel (teachers and administrators), space (classrooms, culturally focused areas, and community gathering spaces), and resources (assistance programs and tuition) will be part of this service area growth, as will increased communication and alignment of services'—thereby heightening the need for engaging stakeholders in a collective impact approach.

The stewardship and development of land, facilities, and infrastructure in a region are long-term activities that are guided by long-term vision and planning of public and private entities. As discussed in previous sections, the enactment of these stakeholder visions has the ability to significantly impact the wellbeing and educational environment within regional communities both in the immediate present and in the future. Land use constraints not only guide the proper use of land but may be a reflection of the existing culture of land use in an area that, in turn, may provide opportunities or constraints in the future.

COLLABORATORS

The following tables provide a list of current KS Collaborations within the Region. Collaborators largely include educational and community organizations with program delivery sites within the Region, across multiple Regions, or Statewide.

TABLE 37: FY 2016-2017 KS Collaborators List

Multi-Year Financial Plan Area	Ext Organization	Program/Project Title	Program/Project Description
K-12	Department of Education	Keaukaha Elementary Literacy Intervention and Supports	Uses tutors to work with K-6 students at Keaukaha Elementary School to provide one on one instruction and help in the classroom, and after school tutoring supports to improve ELA and Math scores.
K-12	Department of Education	Kupa 'Āina	Partnership between the DOE and KS to enage students through Hawaiian culture, project-based learning, natural/cultural resource management, and STEM fields in order to achieve college and career readiness.
K-12	Keaukaha One Youth Development - RISE	RISE 21st Century After School Program	An after-school program that serves underprivileged, Native Hawaiian youth ages 8-18 in Keaukaha providing cultural, place-based, STEM learning opportunities.
K-12	Teach for America Hawai'i	Teach for America Hawai'i	Recruits, selects, trains, and supports corps members to teach in the State of Hawai'i, Department of Education system.
College/Career	University of Hawai'i	Kupa 'Āina Freshmen and Transfer Bridge Programs	Provides residential, culturally-based, summer bridge programming to high school students entering into Hawai'i Community College or the University of Hawai'i (UH) at Hilo or students entering into UH Hilo as college transfer students. The focus is on students interested in STEM pathways.

Source: KS Community Investing Collaborators List FY2017-2018, Strategy & Innovation Group, Kamehameha Schools.

TABLE 38: FY 2017-2018 KS Collaborators List

Multi-Year Financial Plan Area	Ext Organization	Program/Project Title	Program/Project Description
Early Learning	'Aha Pūnana Leo, Inc.	Hawaiian Immersion Preschools	Supports Hawaiian immersion preschools statewide in providing Hawaiian medium and cultural-based instruction to students and their families.
K-12	'Aha Pūnana Leo, Inc.	Ke Kula O Nāwahīokalani'ōpu'u Iki LPCS Per Pupil funding	Support to provide Hawaiian culture-based education to learners and their families.
College/Career	Big Island Substance Abuse Council	Po'okela Vocational Training Program	Provides vocational training opportunities in the form of job seeking skills, training and development, career-planning, and on the job training to adult clients within BISAC's live-in program and adolescents within school-based programs island-wide.
K-12	Boys & Girls Club of the Big Island	Hoai Pono: Boys & Girls Club of Hawai'i Island After-School Youth Development Program	Provides afterschool and intersession care for keiki ranging in age from 5-17 years old. Programming ranges from healthy lifestyles, character building and citizenship, and academic tutoring.
K-12	Department of Education	HCBE PD Support to HILO WAIĀKEA	KS provides support to the DOE to advance Hawaiian Culture-Based Education through professional development and capacity-building programs for DOE staff, such as, teacher induction and educational leadership.
K-12	Department of Education	HCBE PD Support to KA'Ū - KEA'AU - PĀHOA	KS provides support to the DOE to advance Hawaiian Culture-Based Education through professional development and capacity-building programs for DOE staff, such as, teacher induction and educational leadership.
K-12	Ho'oulu Lāhui	Kua O Ka Lā per-pupil funding	Support to provide Hawaiian culture-based education to learners and their families.

COLLABORATORS (CONT'D)

TABLE 38: FY 2017-2018 KS Collaborators in the Region (cont'd)

Multi-Year Financial Plan Area	Ext Organization	Program/Project Title	Program/Project Description
Early Learning	Ho'oulu Lāhui	Kua O Ka Lā Pre-School Early Education Program	Support to provide Hawaiian culture-based education preschool programming to learners and their families.
Early Learning	Institute for Native Pacific Education and Culture	Keiki Steps to Kindergarten (KSTK)	A two or three-week summer kindergarten transition program held at various elementary schools across the state in communities with high concentrations of Native Hawaiian children with little or no preschool experience and who will be attending kindergarten in the Fall.
K-12	Kama'aha Education Initiative	Ho'olei Māluō: Honokea Loko, Waiuli	A loko i'a restoration project in Keaukaha Hawai'i that provides opportunities for STEAM skill building, place based learning, and community engagement through the rehabilitation and management of a native Hawaiian ecosystem.
K-12	Kama'aha Education Initiative	Ka 'Umeke Ka'eo per-pupil funding	Support to provide Hawaiian culture-based education to learners and their families.
Early Learning	Kama'aha Education Initiative	Kai Kohola Ka 'Umeke Ka'eo Preschool	Support to provide Hawaiian culture-based education preschool programming to learners and their families.
K-12	Keaukaha Community Association	Ke Ana La'ahana PCS per-pupil funding	Support to provide Hawaiian culture-based education to learners and their families.
Early Learning	Learning Disabilities Association of Hawaii	School Readiness Project (SRP)	Provides developmental, social-emotional, autism, hearing and vision screenings for children ages 2-5 and case management for children with needs identified through screening.
Early Learning	Partners in Development Foundation	Tūtū and Me Traveling Preschool	A free traveling preschool program for keiki birth to 5 and their caregiver(s) designed to prepare Native Hawaiian children for school success.
'Āina	Three Mountain Alliance Foundation	'Imi Pono no ka 'āina ('Imi Pono) Environmental Education Program of Three Mountain Alliance (TMA)	Provides meaningful conservation themed opportunities on Hawai'i Island for students, teachers and community members that strengthen environmental and cultural consciousness and instill a sense of kuleana so that they will become advocates of the land.
K-12	University of Hawai'i	East Hawai'i Kulike Success Through College Readiness and Access	Provides the students at the East Hawai'i Complex a rigorous and culture-based college readiness through Dual Enrollment at Hawai'i Community College and utilizing a Native Hawaiian Retention Specialist for successful transition from high school through the end of the first year of college.
K-12	University of Hawai'i	Kahuawaiola Indigenous Teacher Education	Provides critical supports to prepare maui ola Hawai'i teachers who are grounded in Hawaiian language and culture to serve in Hawaiian language medium schools, in Hawaiian language and culture programs in English medium schools, and in schools serving students with a strong Hawaiian cultural background.
K-12	University of Hawai'i	Kūlia i ka nu'u (Strive for the Summit/ Excellence) Community Development & Training	Provides college and career training to youth grades 6-12 residing in East Hawai'i including opportunities for high school students to receive college credits.
College/Career	University of Hawai'i	UH Hilo PIPES Undergraduate Internship Program	Undergraduate summer internship program that provides transformative learning experiences for Native Hawaiian, kama'āina, Pacific Islanders, and other minority students with organizations across Hawai'i and the Pacific in Aloha and Malama 'āina fields.

Source: KS Community Investing Collaborators List FY2017-2018, Strategy & Innovation Group, Kamehameha Schools.

SELECTED REGIONAL STAKEHOLDER & COLLABORATOR HIGHLIGHTS

The following are selected discussions that provide overview information about some of the stakeholders in the Region.

HAWAII DEPARTMENT OF EDUCATION (DOE)

DOE in the Region is organized into two complex areas—Hilo-Waiākea Complex Area and Ka’ū-Kea’au-Pāhoa Complex Area—and five complexes—the Hilo Complex, Waiākea Complex, Ka’ū Complex, Kea’au Complex, and Pāhoa Complex.

In FY14-15, the DOE’s annual reported expenses were \$2.586Bil.

UNIVERSITY OF HAWAII SYSTEM (UH SYSTEM)

In the Region, the University of Hawai’i System (UH System) operates the University of Hawai’i at Hilo (UH Hilo) and Hawai’i Community College (HCC).

UH Hilo was established in 1947 and is comprised of 755 acres, including a 155-acre main campus, 33-acre University Village Phase I (under construction), 163-acre Makai Science and Technology Park, and 324-acre Mauka Science and Technology Park.

- ‘Imiloa Astronomy Center of Hawai’i, opened in 2006, is a \$28 million exhibition and planetarium complex the concept of which was developed in the mid-1990s by a team of educators, scientists, and community leaders who understood the need for a comprehensive educational facility that would showcase the connections between the rich traditions of Hawaiian culture and the groundbreaking astronomical research conducted at the summit of Maunakea (UH Hilo ‘Imiloa Astronomy Center, 2013).
- Established in 1997, UH Hilo’s College of Hawaiian Language, Ka Haka ‘Ula O Ke’elikōlani, emphasizes language acquisition, linguistics, traditional culture and education in a Hawaiian medium environment (Olelo, 2014). Hale Kuamo’o, the Hawaiian Language Center within Ka Haka ‘Ula O Ke’elikōlani, was established by the Hawai’i State Legislature in 1989 to support and encourage the expansion of the Hawaiian language as a medium of communication in education, business, government, and other contexts of social life in the public and private sectors of Hawai’i and beyond (Olelo, 2014).
- The Daniel K. Inouye College of Pharmacy at UH Hilo is dedicated to improving healthcare in Hawai’i and throughout the Pacific. The school, which provides local students the opportunity to receive their pharmaceutical education in Hawai’i, graduated its first class in 2011. A permanent facility for the school at UH Hilo is in development.
- In addition, UH Hilo provides a variety of degrees in environmental science, geology, tropical plant science, and other environmental-focused majors.

HCC was established in 1941 and provides access to higher education opportunities and skilled workforce training that, in turn, supports the economic development of the County. Community partnerships and collaboration are central to the mission of the College, including the provision of area professionals which serve as advisers to provide guidance regarding course content, selection of training equipment, employment needs, and the effectiveness of different programs (HCC, 2014). Notable programs at HCC include Early Childhood Education, Agriculture, and a variety of workforce development programs.

In FY15-16, UH’s annual reported expenses across the State were \$1.54Bil.

QUEEN LILI’UOKALANI TRUST/CHILDREN’S CENTER (QLT/QLCC)

The Queen Lili’uokalani Trust/Children’s Center (QLT/QLCC), founded in 1909, is dedicated to the welfare of orphan and destitute children with a preference given to Native Hawaiian children—serving approximately 10,000 children annually through direct services and services provided through various partnerships (Queen Lili’uokalani Trust, n.d.). The Trust operates the Queen Lili’uokalani Children’s Center (QLCC), which currently operates nine units on all Hawaiian Islands except Ni’ihau.

The Trust is a major landowner in the Region, including 2,800 acres of agricultural and conservation land at Honohina north of Hilo. About a third of Honohina is leased for agricultural use while most of the remaining two-thirds is conservation lands located in the Hilo Forest Reserve. Its Hilo Unit is located in downtown Hilo.

In CY15, QLT’s annual reported expenses were \$36.97Mil.

‘AHA PŪNANA LEO

‘Aha Pūnana Leo is a non-profit, family-based educational organization dedicated to the revitalization of the Hawaiian language (‘Aha Pūnana Leo, n.d.). The organization provides Hawaiian immersion infant/toddler, preschool, and online Hawaiian language programs; and outreach activities and technical assistance to Native Hawaiian groups interested in the revitalization and survival of their traditional language. ‘Aha Pūnana Leo is part of a consortium partnership with Ka Haka ‘Ula o Ke’elikōlani College of Hawaiian Language at the University of Hawai’i at Hilo, which fosters a statewide Hawaiian Medium Education (HME) System. ‘Aha Pūnana Leo runs 13 preschool sites statewide, including Pūnana Leo o Hilo. ‘Aha Pūnana Leo’s Hi’ipēpē infant and toddler program is offered at two sites in the State, including one in Hilo.

In FY11-13, ‘Aha Pūnana Leo’s annual reported expenses were \$5.26Mil.

ALU LIKE, INC.

Incorporated in 1975, Alu Like is a non-profit organization dedicated to assisting Native Hawaiians in achieving social and economic self-sufficiency. In FY14-15, Alu Like’s annual reported expenses across the State were \$10.18Mil.

Currently, Alu Like operates the following programs in East Hawai’i:

- Ho’okahua Early Childhood-Pūlama I Nā Keiki Program, designed for the parents of Native Hawaiian keiki, recognizes and builds on the family values and cultural strengths that contribute to keiki educational success.
- Ho’āla Hou high risk reduction programs are aimed at youth ages 10-17 to educate both youth and parents on the dangers of substance abuse/use, provide substance-free activities, and develop prevention curricula.
- Ho’onānea ‘Ōiwi-Employment and Training Program provides workforce services to adults 18 and older, and, in some cases, youth ages 14-21. Services include outreach, intake, assessment, career counseling, work experience, occupational skills training, educational and tuition assistance, tutoring, and internships.

QLCC’S PROGRAMMING IS CENTERED ON FOUR SERVICE OUTCOMES:

- Each Hawaiian child will have a consistent and nurturing adult in their life
- Be grounded in culture and spirituality
- Be healthy
- Live within communities that care about their welfare

- Kā Ipu Kā’eo programs are aimed at fostering and continuing education for vocational and career employment.
- Kūlia Like services enhance the skills of individuals to make financial and survival decisions that promote self-sufficiency.
- Kumu Kahi programs enrich and enhance elderly lives by promoting health and wellbeing, dignity, and cultural identity.

In FY14-15, Alu Like’s annual reported expenses were \$10.18Mil.

EDITH KANAKA’OLE FOUNDATION (EKF)

Founded in 1990, the Edith Kanaka’ole Foundation (EKF) is dedicated to heightening indigenous Hawaiian cultural awareness and participation through educational programs and scholarships with a focus on maintaining and perpetuating the teachings, beliefs, practices, philosophies, and traditions of Edith and Luka Kanaka’ole (Edith Kanaka’ole Foundation, 2014). EKF assists students in higher education both in Western institutions of education and in formal Native Hawaiian institutions of education through scholarships that are primarily funded through Halau o Kekuhi (Edith Kanaka’ole Foundation, 2014). The Foundation is deeply rooted in the East Hawai’i community and operates several sites in Hilo, Hāmākua, and Puna.

In FY14-15, EKF’s annual reported expenses were \$396.1K.

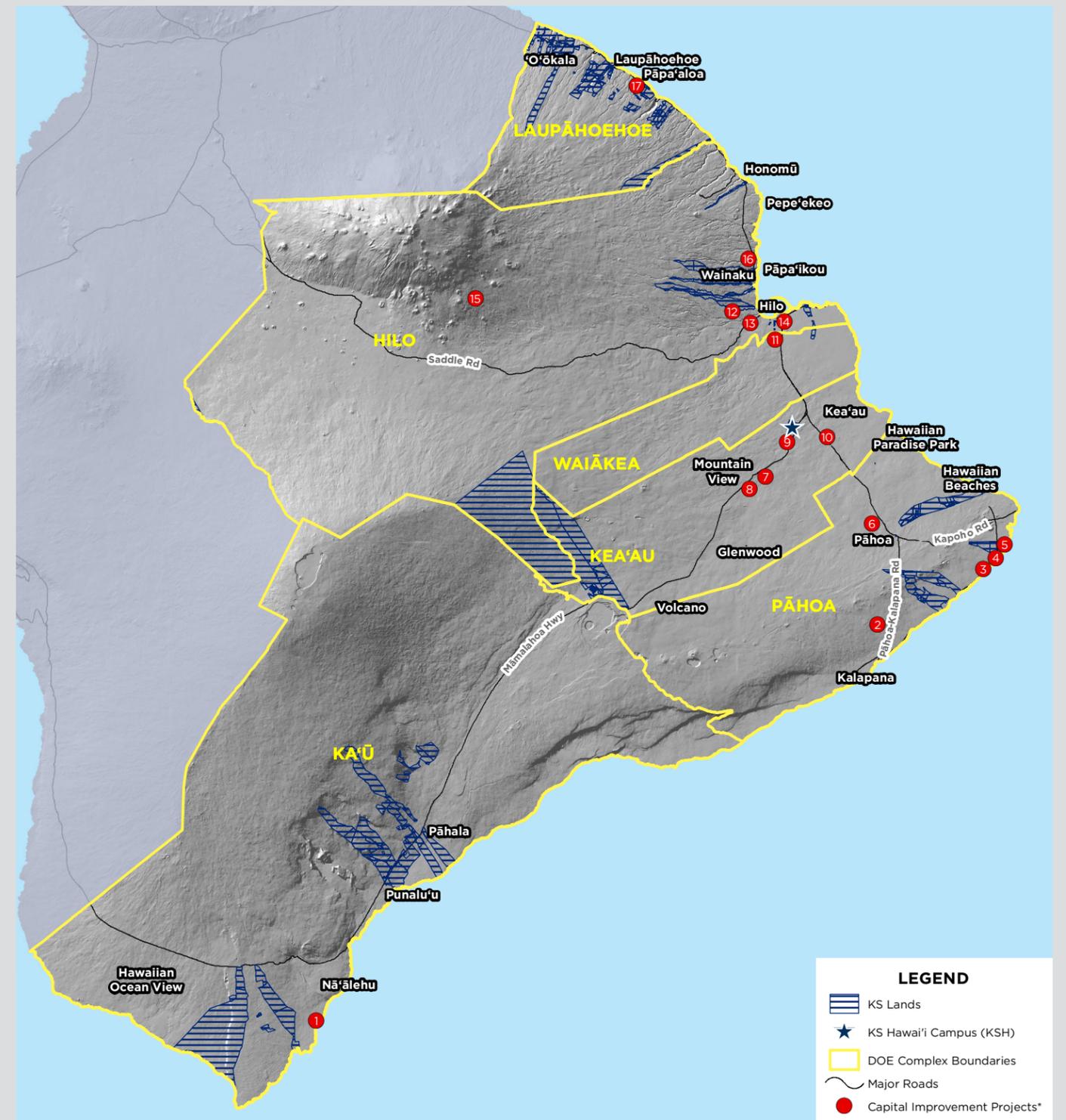
SELECTED CAPITAL IMPROVEMENT PROJECTS

The table and map on this page highlight the approximate locations of various State and County capital improvement projects occurring Statewide and in the Region.

TABLE 39: Selected Regional and Statewide Capital Improvement Projects

Map Number	Capital Improvement Project	Budgeted
Regional County-funded Capital Improvement Projects		
3	Isaac Hale Beach Park Expansion	\$17,043,000
4	DPR Ahalanui/Poho'iki Bay Beach Parks Improvements	\$7,868,000
6	HPP District Park Improvements	\$5,500,000
14	NAS Swimming Pool Renovation	\$4,500,000
2	Kikala-Keokea New Park Development	\$1,500,000
5	Ahalanui Beach Park New Comfort Station	\$1,250,000
9	Kurtistown Park Improvements	\$1,150,000
1	Kahuku Park Improvements	\$750,000
7	Mt. View Water Spigot Improvements	\$250,000
	Council Discretionary project - District 9	\$200,000
8	Mountain View Gym and Adjoining Buildings Roofing and Gutters	\$200,000
Countywide County-funded Capital Improvement Projects		
	DPR Repairs/Improvements to Facilities	\$75,917,000
	DPR ADA Compliance	\$44,507,000
Regional State-funded Capital Improvement Projects*		
17	Rockfall Protection along Hawai'i Belt Road at Maulua, Laupāhoehoe and Ka'awali'i	\$31,500,000
10	Kea'au-Pāhoa Road Improvements	\$40,000,000
16	Replacement of the Pāhoehoe Stream Bridge along Hawai'i Belt Road	\$10,500,000
Statewide State-funded Capital Improvement Projects*		
	DLNR Statewide Watershed Initiative	\$15,000,000
	Renew, Improve, and Modernize UH System Facilities Statewide	\$150,000,000
	Department of Human Services Improvements to Public Housing Statewide	\$99,710,000
Regional State-funded Capital Improvement Projects Proposed FY17 Requests**		
	For capital renewal and deferred maintenance projects at UH campuses, statewide	\$60,000,000
11	For improvements to the Hilo Counseling Center and Keawe Health Center, Hawai'i	\$6,800,000
15	For mitigation and removal of unexploded ordinances on existing Hawaiian Home Lands lots on the island of Hawai'i	\$2,000,000
12	To construct housing and associated support spaces at Hawai'i Community Correctional Center (HCCC)	15,000,000
13	For maintenance, repairs, and related projects at HCCC	9,500,000
	For mitigation and removal of unexploded ordinances on existing Hawaiian Home Lands lots on the island of Hawai'i	\$2,000,000
Statewide State-funded Capital Improvement Projects Proposed FY17 Requests**		
	Heat abatement improvements at public schools	\$30,000,000
	To address enrollment capacity issues at public schools	\$16,100,000
	Public school repair and maintenance to address school conditions	\$10,100,000
	Public school equity projects, including high school science facility upgrades and special education renovations	\$13,100,000
	Renovations at public school libraries, cafeterias, and administration facilities	\$10,600,000
	Health and safety projects at public libraries	\$1,500,000
	Improvements and modernization to UH Community College campuses	\$10,000,000
	Dwelling Unit Revolving Fund	\$25,000,000
	Rental Housing Revolving Fund	\$75,000,000
	Public housing improvements and renovations, including expedited repair of vacant units, statewide	\$31,000,000

MAP 12: Selected Regional and Statewide Capital Improvement Projects



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KIC Parcels as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Capital Improvement Projects layer developed by Cardno based on project name and description, April 2017. Layer currently retained by LIMS.

*Locations are Approximate

Table Notes: County-funded projects include selected projects categorized under Community Services, Culture and Recreation, and Special Recreation Facilities with a minimum value of \$250,000. Board of Water Supply (BWS) projects included are limited to capacity expansion projects with a minimum value of \$2.5Mil. Hawaiian Electric Company (HECO) projects included are limited to projects with a minimum value of \$10Mil or power purchase agreements for large-scale solar power projects. UH System and Department of Agriculture projects included with a minimum value of \$5Mil. County-funded Projects Source: City and County of Honolulu Ordinance 16-15, Bill 15 (2016), CD2, FD1. Utility Projects Source: Board of Water Supply (HECO), Six-Year Capital Improvement Program for the Fiscal Years Beginning July 1, 2014 and Ending June 30, 2020. State-funded Projects Sources: *State of Hawaii Executive Biennium Budget, Fical Budget 2017-2019. **State of Hawaii Executive Supplemental Budget (Budget Period 2015-2017), December 21, 2015.

AFFORDABLE HOUSING & DHHL PROJECTS

The table and map on this page highlight planned DHHL development and affordable housing in the Region. For affordable housing with no address, the housing development is mapped according to town/city.

TABLE 40: Affordable Housing in the Region

Map Number	Type	Project Name	Address	City
1	SN	Weinberg Hale Kupa'a	ND	Nā'ālehu
2	E(PH)	Pāhala	96-1169 Kou Street	Pāhala
3	E	Pāhala Elderly	96-1183 Hōlei Street	Pāhala
4	LH(AG)	Nani O Puna	15-2914 Kauhale Street	Pāhoa
5	E	Harry & Jeanette Weinberg Kea'au Elderly	16-184 Pili Mua Street	Kea'au
6	E(PH)	Hale Aloha O Puna	Kea'au District	Kea'au
7	E	Kino'ole Senior Residences	2020 Kino'ole Street	Hilo
8	F(PH)	Kauhale O Hanakahi	19 Pamala Street	Hilo
9	F(PH)	Lōkahi	Lōkahi Circle	Hilo
10	F(PH)	Punahale Homes	Lōkahi Place	Hilo
11	E	Moho'uli Heights Sr. Neighborhood Phase 1	555 Kupuna Pl.	Hilo
12	F	Hale Hoaloha	119 W. Lanikaula Street	Hilo
13	E	Kamana Elderly	145 Kamana Street	Hilo
14	E(PH)	Hale Olaloa	144 Kamana Street	Hilo
15	F	Lanakila Homes I	600 Wailoa Street	Hilo
16	F	Lanakila Homes II	600 Wailoa Street	Hilo
17	F	Lanakila Homes III	600 Wailoa Street	Hilo
18	F	Lanakila Homes IV	600 Wailoa Street	Hilo
19	F	Hilo Maile Terrace	40 Maile Street	Hilo
20	E(PH)	Pōmaika'i Homes	929 Ululani Street	Hilo
21	F	Hale Ulu Ho'i III (FKA Laukapu Apts)	485 Laukapu St.	Hilo
22	F	E Komo Mai	816 Kino'ole St.	Hilo
23	SN	Hale Ulu Ho'i	ND	Hilo
24	SN	Hale Ulu Ho'i II	ND	Hilo
25	SN	Hilo Hale	ND	Hilo
26	SN	SHDC No. 2	ND	Hilo
27	F	Lincoln Courtside	400 Kino'ole Street	Hilo
28	E	Haili Elderly	227 Haili Street	Hilo
29	F	Riverside Apartments	333 'Ohai St.	Hilo
30	F	Hilo Val Hala Apartments	120 Pu'ueo Street	Hilo
31	E	Kulaimano Elderly Hsg Proj	28-2947 Kumula Street	Pepe'ekeo
32	F	Kauhale Olu I, II, and III	28-2926 Kumula Street	Pepe'ekeo
33	E	Pāpa'aloa Elderly Housing	ND	Pāpa'aloa

Note: E = Elderly; E(PH) = Elderly Public Housing; F = Family; F(PH) = Family Public Housing; LH(AG) = Labor Housing, Agricultural Workers; M = Market Priced Units; SN = Special Needs Housing.

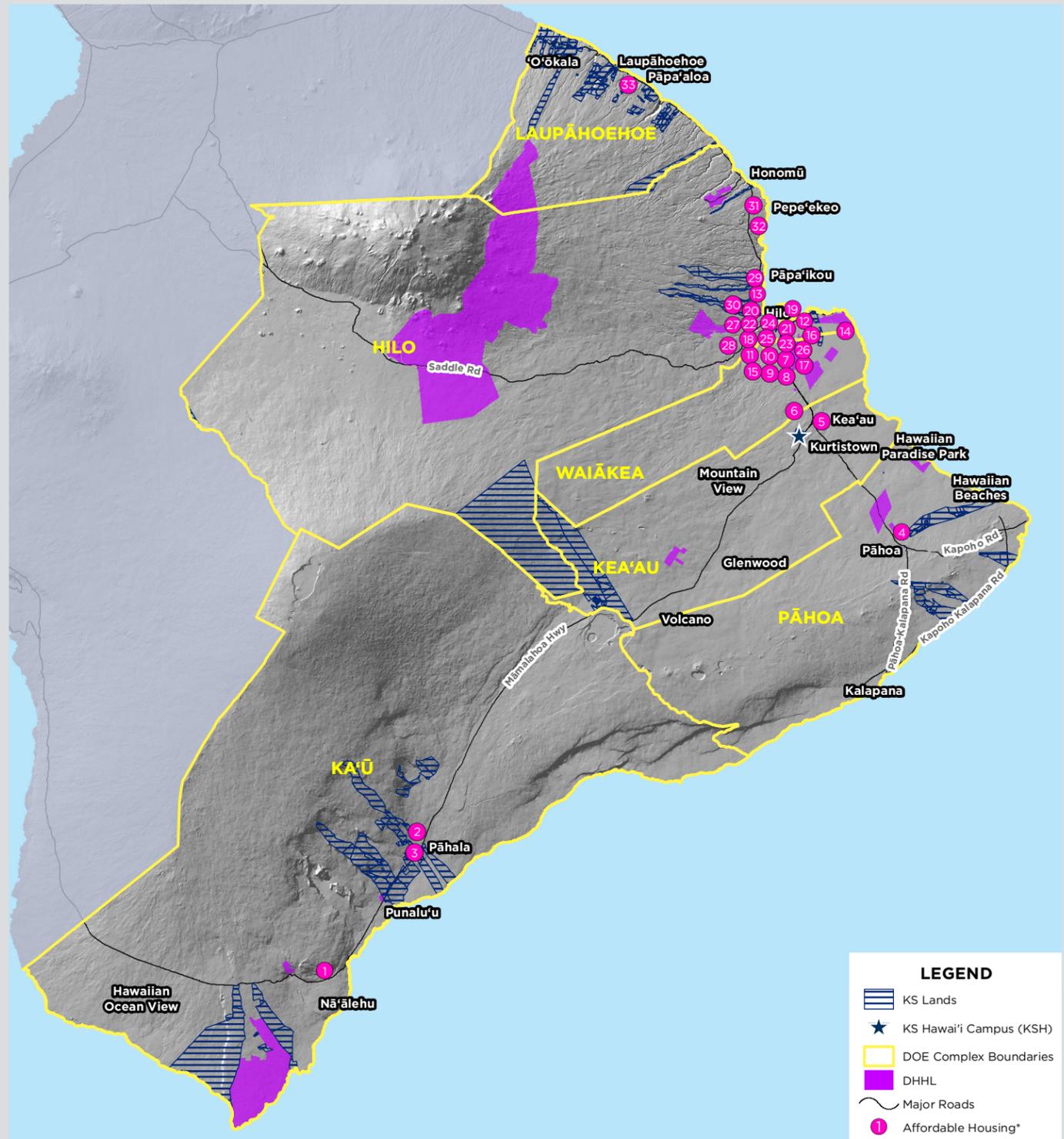
Source: Hawaii Housing Finance & Development Corporation, Affordable Housing Inventory June 2016.

TABLE 41: DHHL Development in the Region

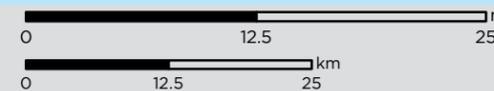
Region	Development Name	Agricultural Lots	Residential Lots	Current Status (April 2017)
East Hawai'i	Keaukaha Scattered Lots		X	Subdivision construction in progress
	Panae'wa Lot 185	X		Subdivision Design in progress
	Honomū	X		Master planning in progress

Source: DHHL Office of Planning via special request by Cardno (May 2017 Regional Data Books consultant), May 2017.

MAP 13: Affordable Housing & DHHL Projects in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS; KIC Parcels as of 3/2017 maintained by LIMS; KS Campus layer from DBEDT 2011; DOE Complexes from Hawaii DBEDT 3/2017; Major Roads from TIGER U.S. Census Bureau, 2014; Affordable Housing and DHHL Projects layers developed by Cardno based on projects physical address. Layer currently retained by LIMS.



*Locations are Approximate



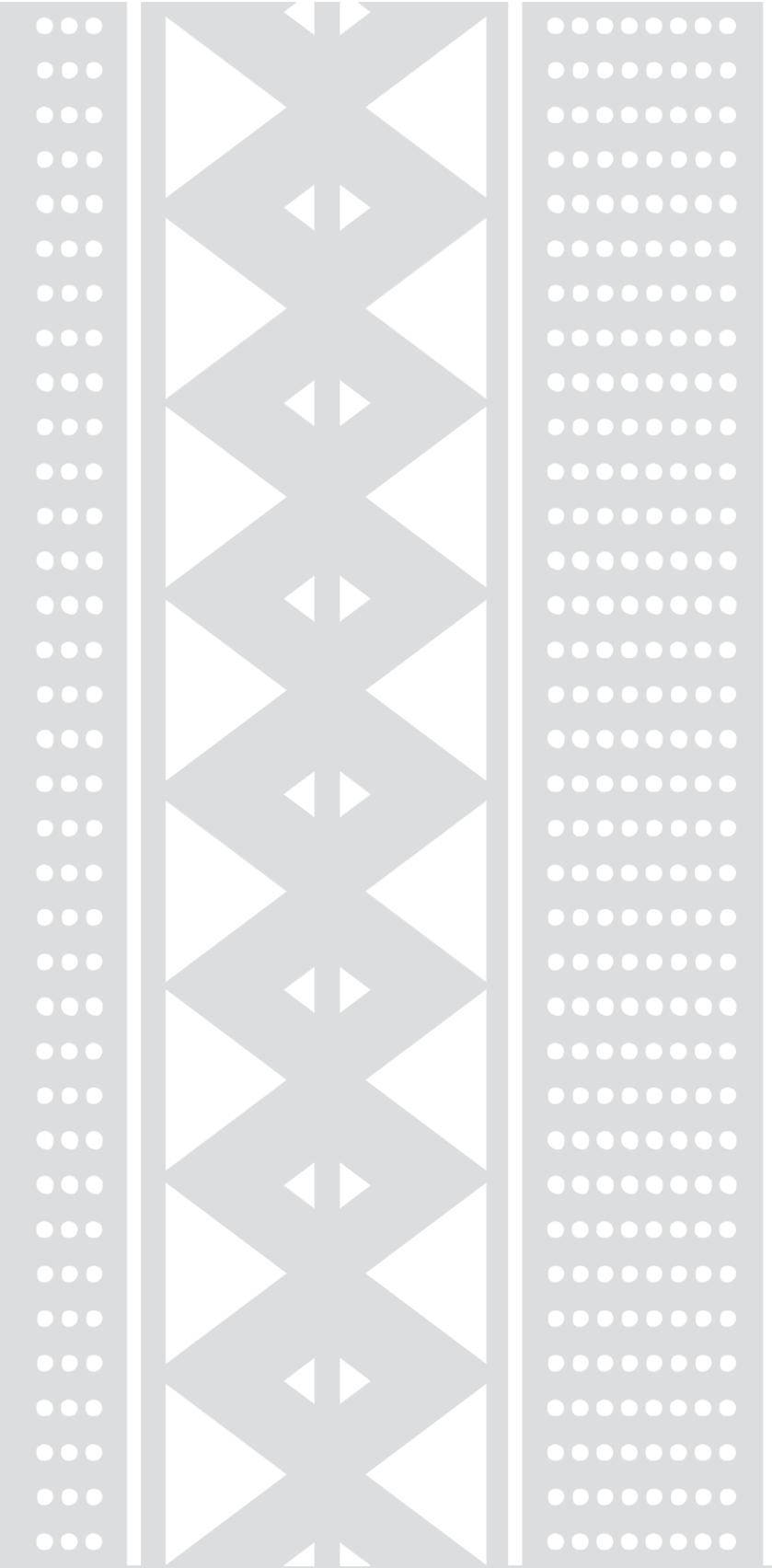
SELECTED DOE PROJECTS

The following table itemizes the funding that individual schools in the Region have received as well as lists noteworthy projects. These various improvements include major building construction and renovation, as well as smaller but noteworthy projects such as the renovation of campuses for Americans with Disabilities Act (ADA) accessibility improvements and new playgrounds.

TABLE 42: DOE Regional Capital Improvement Projects

School by Complex	Project Description	Project Cost
Hilo		
Ha'aheo Elementary School	Design, construction, and equipment for a Covered Playcourt	\$2,000,000
Hilo Intermediate School	Plans and design for building renovations Phase 1	\$2,000,000
Kapi'olani Elementary School	Design and construction for a Covered Playcourt	\$1,500,000
Keaukaha Elementary School	Design and construction for the installation of new Cafeteria equipment	\$599,000
Subtotal		\$6,099,000
Laupāhoehoe		
Laupāhoehoe Community PCS	Construction and equipment for expansion of the Learning Environment	\$830,000
Subtotal		\$830,000
Ka'ū		
Volcano School of Arts & Sciences PCS	Plans, design, and construction of a Certified Commercial Kitchen	\$285,000
Subtotal		\$285,000
Kea'au		
Mountain View Elementary	ADA Transition Accessibility projects	\$375,000
Subtotal		\$375,000
Pāhoa		
Keonepoko Elementary	Plans, design, construction, and equipment for the transition from Keaau Elementary School to Keonepoko Elementary School	\$1,000,000
Subtotal		\$1,000,000
Waiākea		
Waiākea High	Plans, design, and construction for a new Baseball Batting Cage	\$450,000
Waiākea Intermediate	Plans, design, and construction for a campuswide upgrade to the electrical system and covered walkways	\$511,000
Waiākea Intermediate	Convert wood shop into a Science Classroom	\$500,000
Subtotal		\$1,461,000
Total		\$10,050,000

Sources: State of Hawaii House of Representatives, Twenty-Eighth Legislature, 2016; Hawaii State Department of Education Office of School Facilities and Support Services Factrak Portal, accessed March 8, 2017.



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REGIONAL LANDS

Section 5 provides an overview of selected attributes of land within the region. Such attributes including major land owners, State Land Use Designations, County Zoning, Critical Habitats, Important Agricultural Land designations, and Significant Streams help to provide additional context for stewardship of lands in the Region. Federal, State and County governments impose constraints on the use of land to protect the public health and provide for common benefit. It is important to note that KS voluntarily imposes constraints on the use of its lands to respect natural, cultural, and archaeological resources. Additional information to consider that is not available here are Special Management Area (SMA) zones, National and State Historic Register buildings, and U.S. Arm Corps of Engineers jurisdictional waters, etc.

MAJOR LANDOWNERS

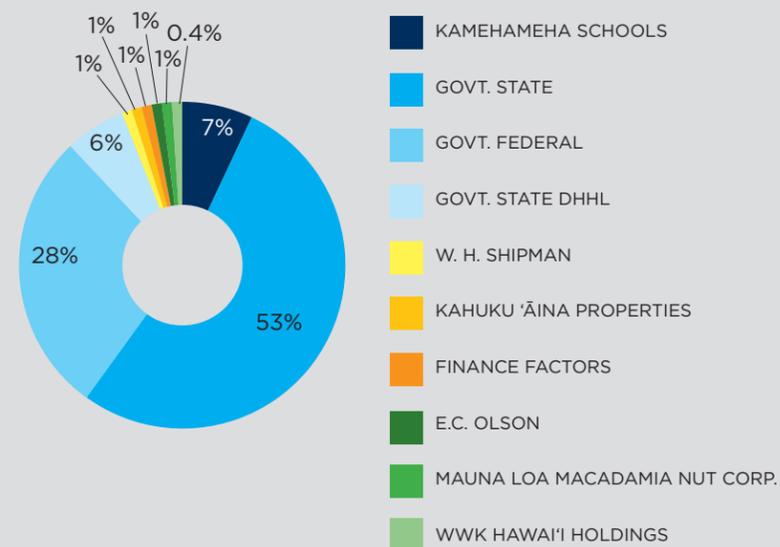
The table, chart, and map on this page provides information on the Region's 10 largest landowners. Except for KS, acres are estimates based on GIS calculations. KS acres based on KS General Ledger, Finance annual reconciliation for the year-ended 6/30/2016.

TABLE 43: Top 10 Major Landowners in the Region

	Landowner	Type	Regional Acreage	Percentage of Top 10 Acreage in the Region	Statewide Acreage	Percentage of the Landowner's Statewide Acreage in the Region
1	Govt. State	Public	684,025	53%	1,367,607	50%
2	Govt. Federal	Public	359,573	28%	530,123	68%
3	Kamehameha Schools	Private	86,299	7%	363,633	24%
4	Govt. State DHHL	Public	78,396	6%	197,931	40%
5	W.H. Shipman	Private	16,805	1%	16,805	100%
6	Kahuku 'Āina Properties	Private	16,423	1%	16,423	100%
7	Finance Factors	Private	13,240	1%	13,240	100%
8	E.C. Olson	Private	12,179	1%	12,179	100%
9	Mauna Loa Macadamia Nut Corp.	Private	7,431	1%	7,431	100%
10	WWK Hawaii Holdings	Private	5,708	0.4%	5,708	100%
Total			1,280,079			

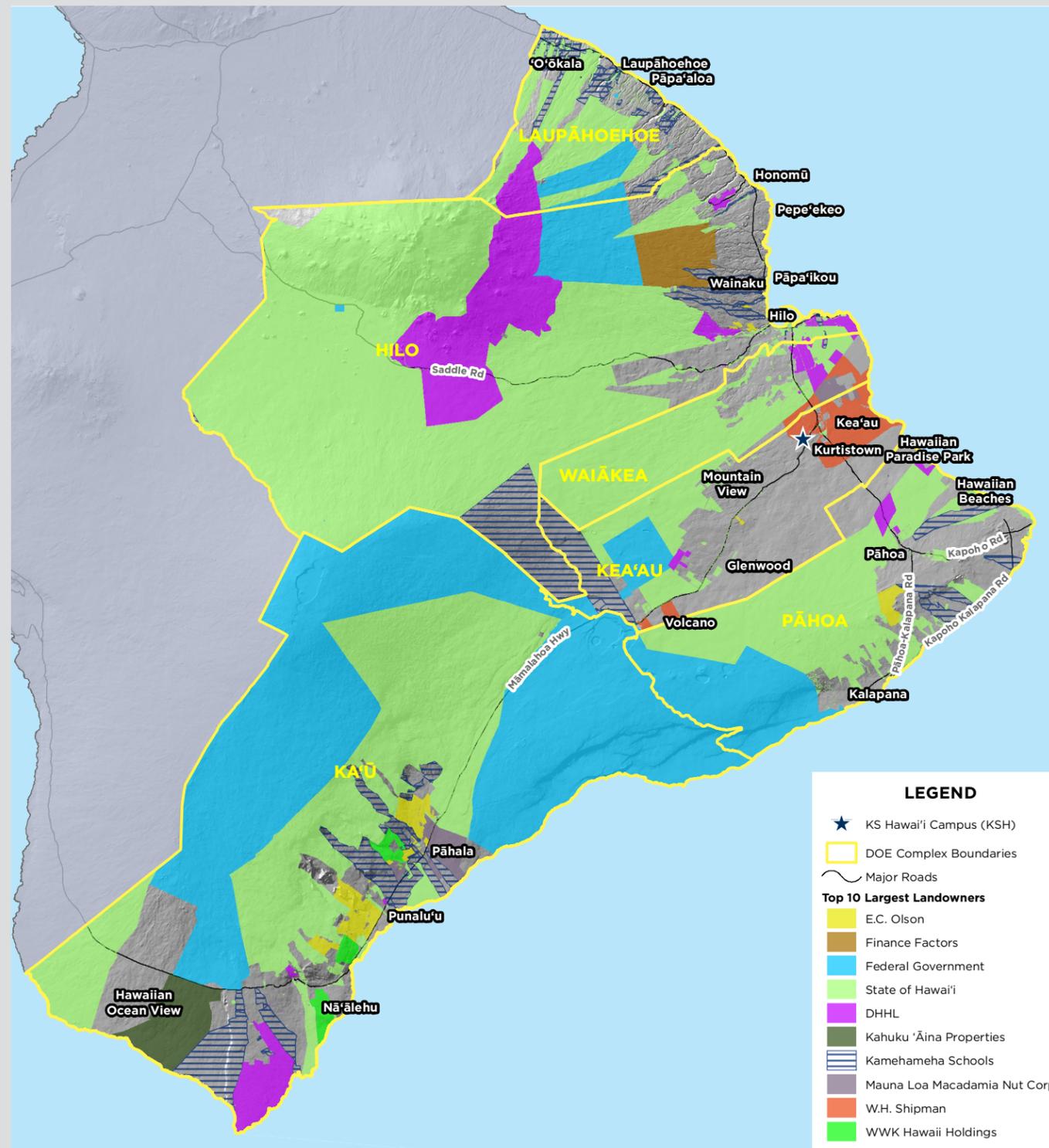
Note: "Top 10" refers to the Region's ten largest landowners.
 Source for KS lands: KS Parcels and Regions layer as of 3/2017, maintained by LIMS.
 Source for all other lands: DBEDT GIS Shapefile "Large Landowners," 2017.

FIGURE 51: Acreage Distribution of the Top 10 Major Landowners in the Region

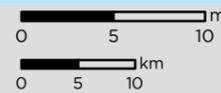


Note: "Top 10" refers to the Region's ten largest landowners.
 Source for KS lands: KS Parcels and Regions layer as of 3/2017, maintained by LIMS.
 Source for all other lands: DBEDT GIS Shapefile "Large Landowners," 2017.

MAP 14: Top 10 Major Landowners in the Region



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KIC Parcels as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Parcel layer and table information for Major Landowners retrieved from DBEDT, Statewide GIS Program, Office of Planning, State of Hawaii layer last updated 2013. Acres are estimates based on GIS calculations.



KS is the 3rd-largest landowner in the Region

MAJOR LANDOWNERS (CONT'D)

FEDERAL GOVERNMENT

The federal government owns and manages several parcels near or adjacent to KS lands in the Region, including Pōhakuloa Training Area (PTA), Pu'uhonua o Hōnaunau National Historic Park, and Pu'ukoholā Heiau. The Ke'āmuku Parcel at PTA was recently acquired by the federal government for the purpose of military training activities. While the U.S. Army Garrison-Hawai'i is the primary tenant for PTA, all services of the military train at PTA. Training activities are typically one to several weeks in length and involve on-the-ground, live-fire training activities, and training that involves the use of fixed-wing (airplane) and rotary-wing (helicopter) aircraft at PTA's Bradshaw Army Airfield (BAAF). In addition to training, PTA is actively involved in natural and cultural resource management activities across the installation, including Palila critical habitat areas.

The National Park Service (NPS) stewards lands that compose Hawai'i Volcanoes National Park. The area is a significant wahi pana in the Region and serves as an important educational resource for both East Hawai'i and visiting learners. Some of Hawai'i Volcanoes National Park's lands were once owned by KS, and, as such, some of the Park's lands are adjacent to KS lands.

The U.S. Fish & Wildlife Service stewards lands that compose the Hakalau Forest National Wildlife Refuge in North Hilo. The Hakalau Forest contains some of the finest remaining stands of native māmane rain forest in Hawai'i, with an environment that ranges from bogs to native forest and pastureland U.S. Fish and Wildlife Service, 2013). Since 1989, over 400,000 koa, 'ōhi'a, and other native plants have been planted in this area as part of the refuge's reforestation program (U.S. Fish and Wildlife Service, 2013).

STATE OF HAWAII

The State is the largest landowner in East Hawai'i and whose ownership includes DOE schools, University of Hawai'i at Hilo, Hawai'i Community College, Hilo International Airport, and a number of Forest Reserves, including the Hilo Watershed Forest Reserve, Upper Waiākea Forest Reserve, Puna Forest Reserve, and Ka'ū Forest Reserve. The Forest Reserve System was created by the Territorial Government of Hawai'i in 1903 and is currently stewarded by the Department of Land and Natural Resources, Division of Forestry and Wildlife. Keeping with the original intention of the Forest Reserve System, Division of Forestry and Wildlife provides recreational and hunting opportunities; aesthetic benefits; watershed restoration; native, threatened, and endangered species habitat protection and management; cultural resources; and fire protection, among many other things (State of Hawai'i, Division of Forestry and Wildlife, 2014).

DEPARTMENT OF HAWAIIAN HOME LANDS (DHHL)

DHHL stewards lands in East Hawai'i, including acreage in Ka'ū, Maku'u, Keaukaha, and Pana'ewa. Four of DHHL's regional plans impact the East Hawai'i Region: Ka'ū Regional Plan, Maku'u Regional Plan, Keaukaha Regional Plan, and the Pana'ewa Regional Plan. DHHL's regional

plans—largely published between 2009 and 2011—detail the agency's landholdings and planned and potential future development projects. Refer to the Significant Stakeholders section that follows for discussion on existing and potential partnership opportunities and the Development in the Region section that follows for details on DHHL's planned and potential future projects.

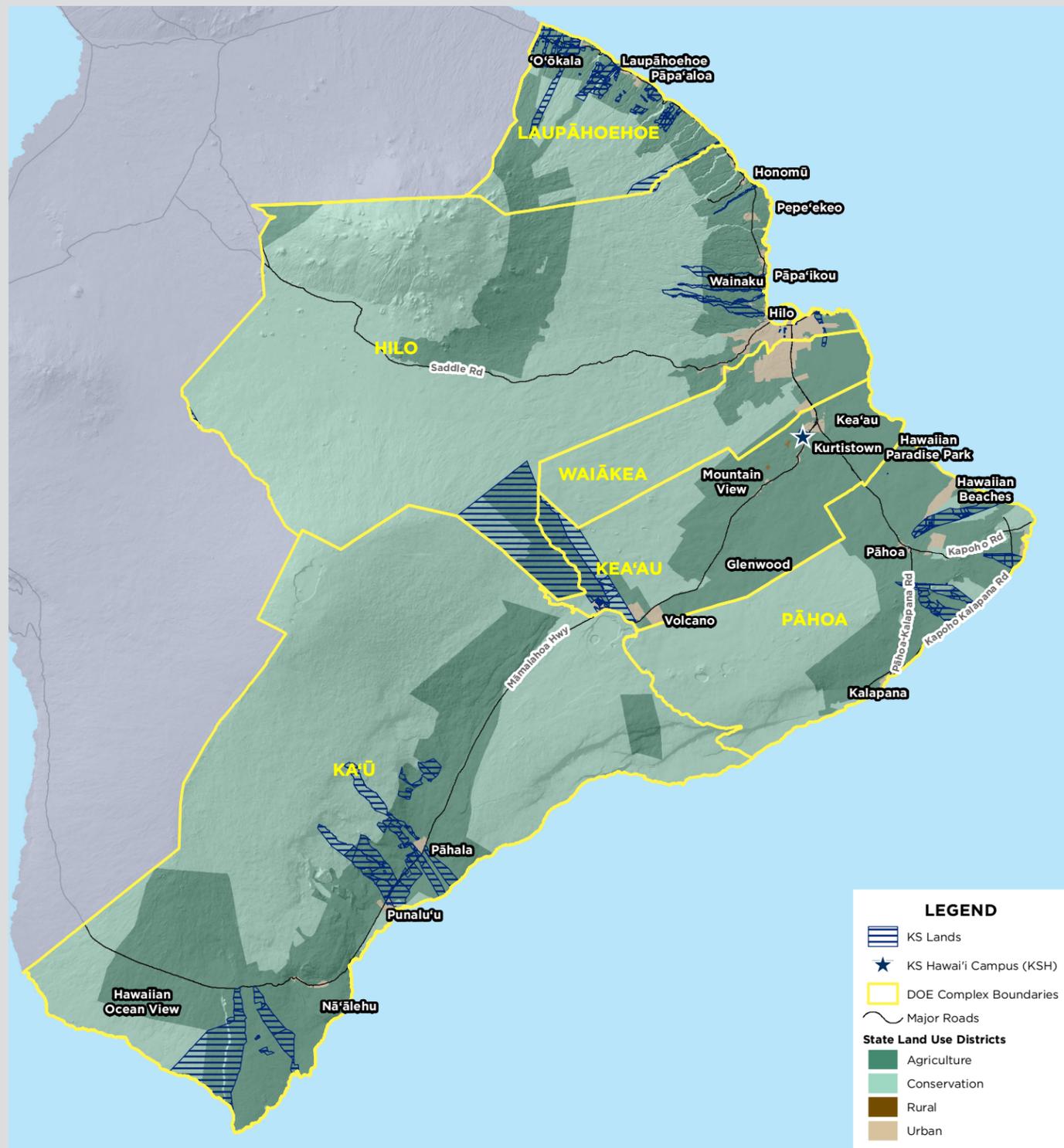
HAWAII COUNTY

Hawai'i County owns limited lands in the Region, however, it is actively involved in zoning and permitting across the county. Notably, the Hawai'i County Department of Planning is active in the implementation of its Community Development Plans and has published two plans covering the East Hawai'i region—Puna and Ka'ū—in addition to the County of Hawai'i General Plan (revised 2005). The Community Development Plans translate broad General Plan goals, policies, and standards into implementation actions as they apply to specific geographical regions around Hawai'i Island while serving as a forum for community input into land use, delivery of government services and any other matters relating to the planning area (County of Hawai'i CDPs and CRPs, 2014). In alignment with KS, the County, through the language in its Community Development Plans, acknowledges that a vibrant economy is based on the support of local businesses, that the development and use of renewable energy is valuable both environmentally and economically, and that change should be "thoughtful and deliberate" (County of Hawai'i General Plan, 2014).

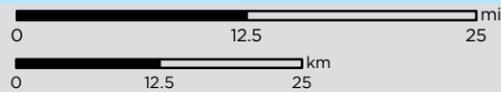
LAND USE CONSTRAINTS

Federal, State, and County governments impose constraints on the use of land to protect the public health and provide for common benefit. These constraints include, but are not limited to, State Land Use Designations, County Zoning, Important Agricultural Lands (IAL), and critical habitat. Examples of other constraints for consideration include the Special Management Area (SMA) zones, National and State Historic Register buildings, and U.S. Army Corps of Engineers (USACE) jurisdictional waters. It is important to note that KS voluntarily imposes constraints on the use of its lands to respect natural, cultural, and archaeological resources.

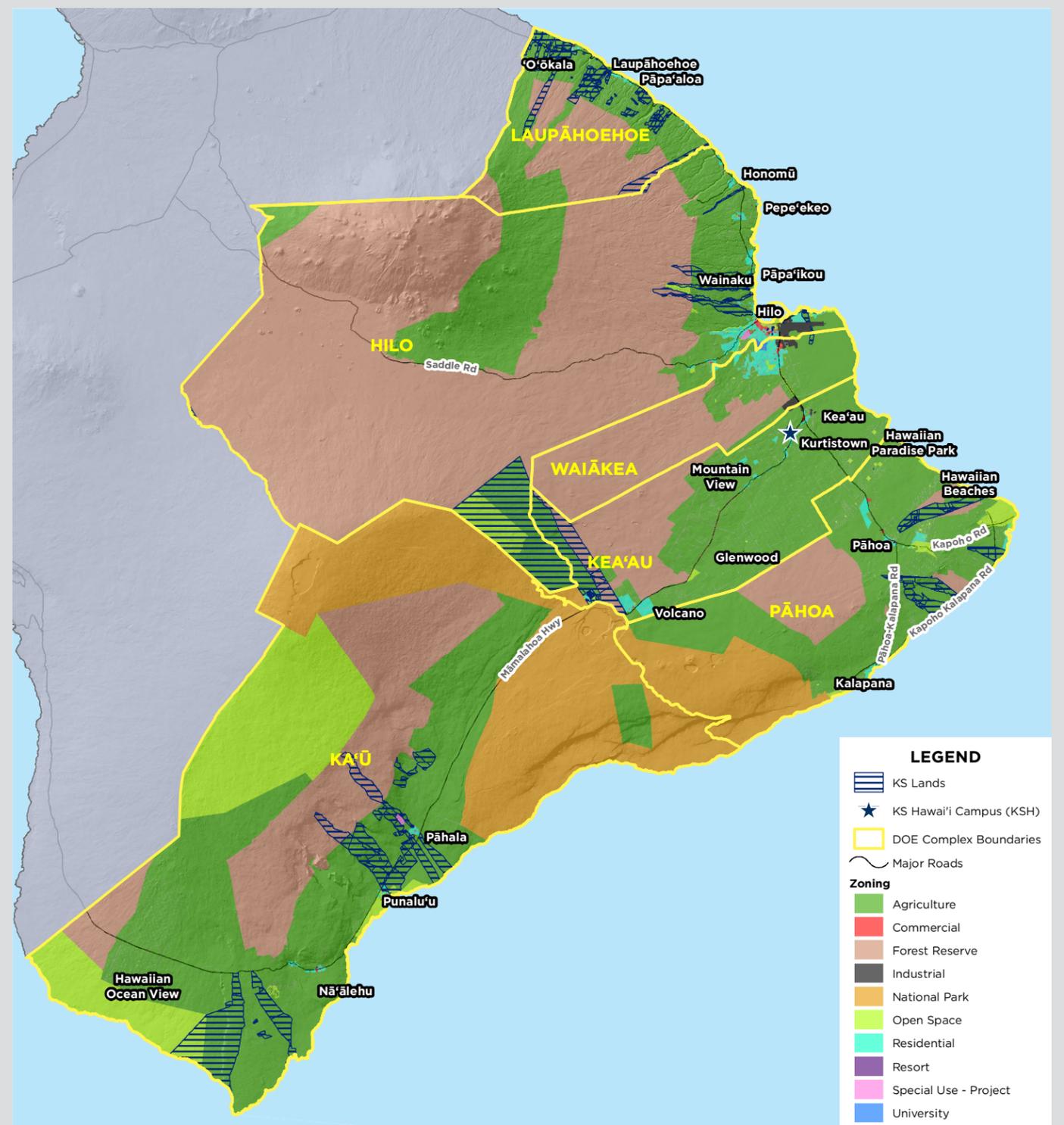
MAP 15: State Land Use Designations



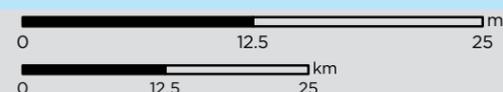
Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
KIC Parcels as of 3/2017 maintained by LIMS;
KS Campus layer from DBEDT 2011;
DOE Complexes from Hawaii DBEDT 3/2017;
Major Roads from TIGER U.S. Census Bureau, 2014;
State Land Use Districts layer from the State Land Use Commission, Feb 2016.



MAP 16: County Zoning

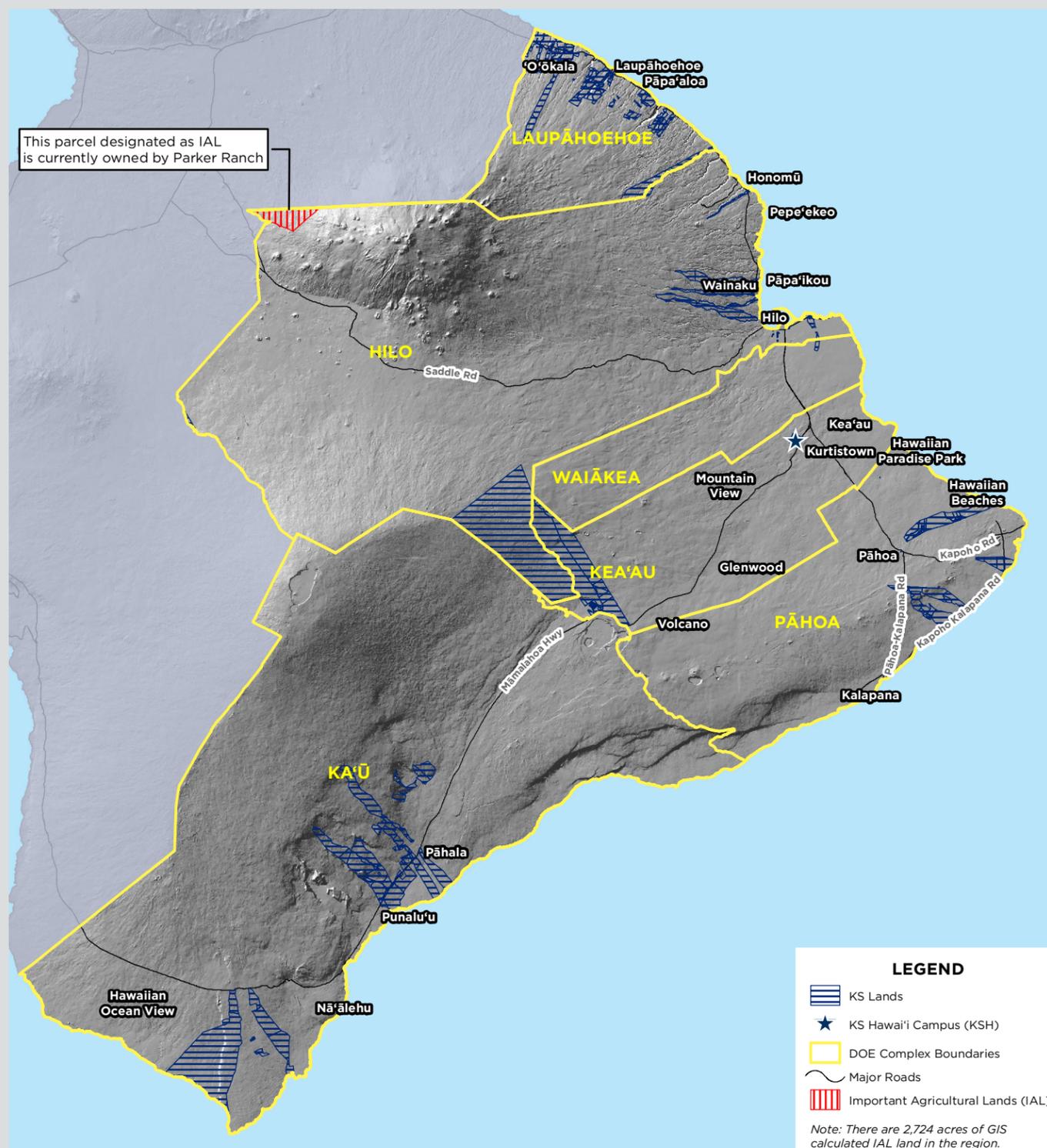


Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
KIC Parcels as of 3/2017 maintained by LIMS;
KS Campus layer from DBEDT 2011;
DOE Complexes from Hawaii DBEDT 3/2017;
Major Roads from TIGER U.S. Census Bureau, 2014;
County Zoning layer merged into a single layer by Cardno, April 2017. County of Hawaii layer from the County of Hawaii Planning Dept., Nov 2015. C&C of Honolulu layer from the C&C of Honolulu GIS Dept., Aug 2014.



LAND USE CONSTRAINTS (CONT'D)

MAP 17: Important Agricultural Lands (IAL)

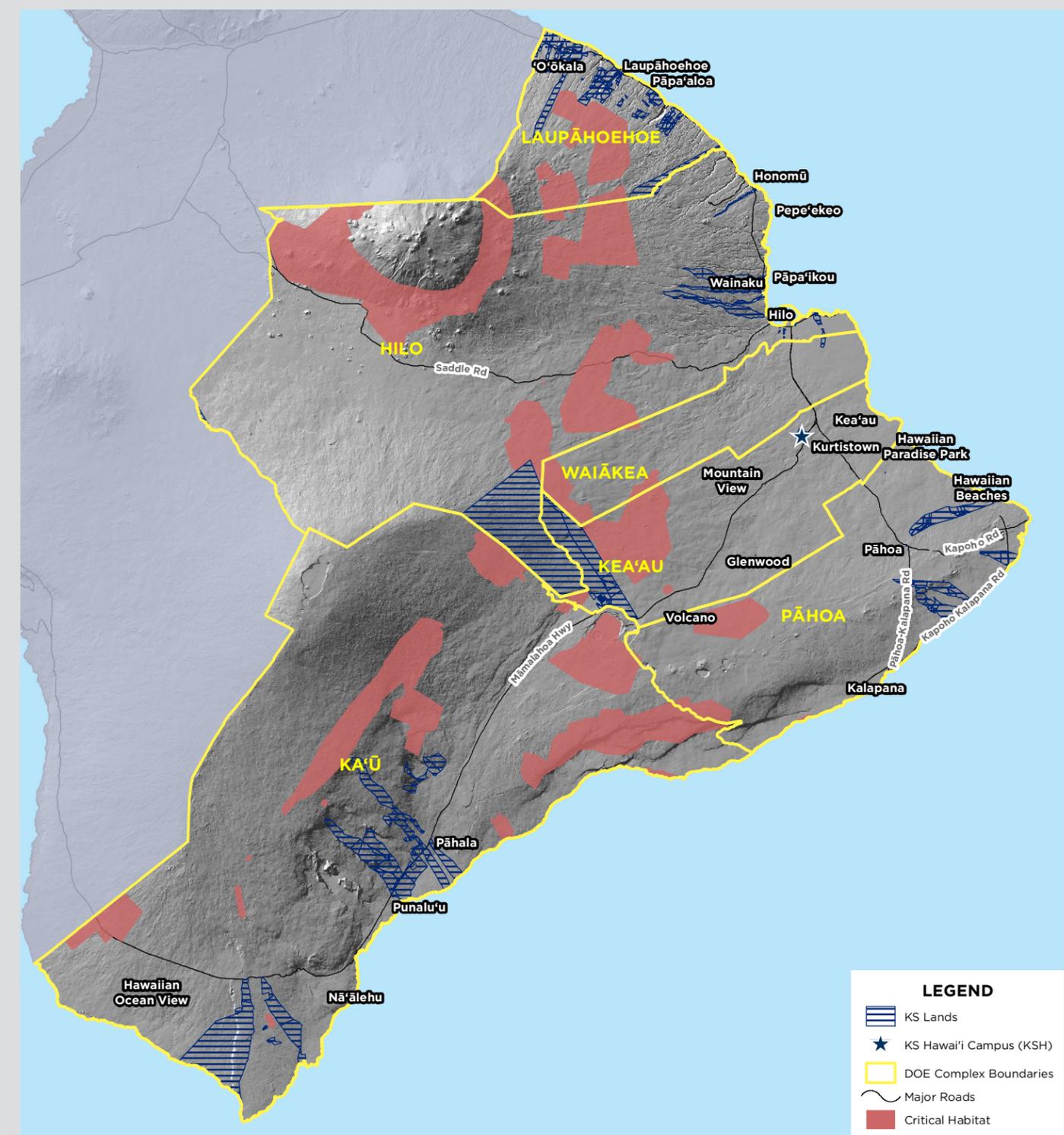


LEGEND

- KS Lands
- KS Hawai'i Campus (KSH)
- DOE Complex Boundaries
- Major Roads
- Important Agricultural Lands (IAL)

Note: There are 2,724 acres of GIS calculated IAL land in the region.

MAP 18: Critical Habitat



LEGEND

- KS Lands
- KS Hawai'i Campus (KSH)
- DOE Complex Boundaries
- Major Roads
- Critical Habitat

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Important Agricultural Lands layer from the State Land Use Commission, Oct. 2016;

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
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 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014;
 Critical Habitat layer from HI Office of Planning, GIS Dept, May 2016.

KS LANDHOLDINGS IN THE REGION

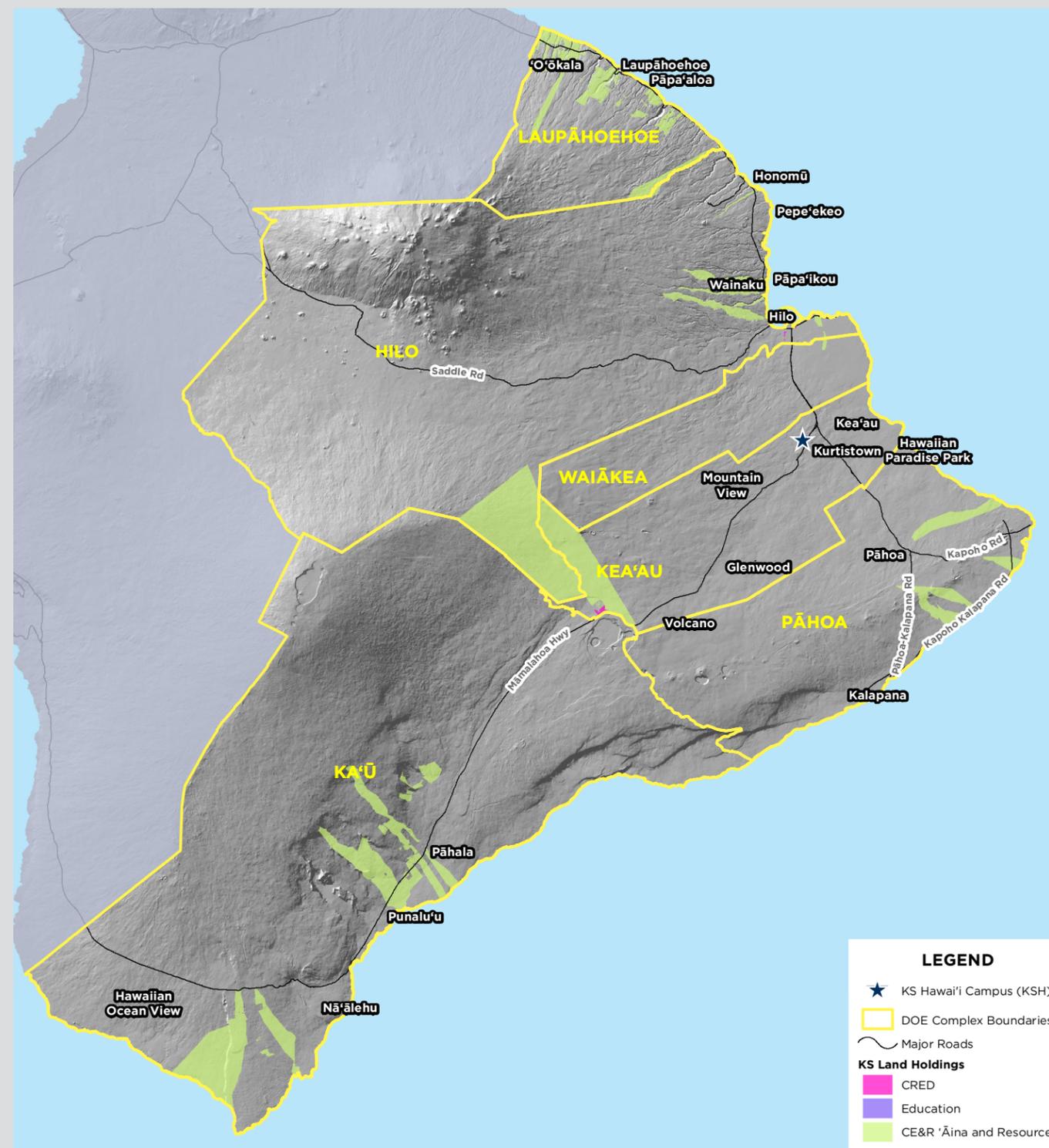
This page presents data and maps regarding KS' landholdings in the Region.

TABLE 44: KS Landholdings By Management Division

Steward	Acres
Commercial Real Estate Division	193
Education	305
CE&R 'Āina and Resources	85,801
Total	86,299

Source: KS General Ledger, Finance annual reconciliation for the year ended 6/30/2016.

MAP 19: KS Landholdings By Management Division



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;
 KIC Parcels as of 3/2017 maintained by LIMS;
 KS Campus layer from DBEDT 2011;
 DOE Complexes from Hawaii DBEDT 3/2017;
 Major Roads from TIGER U.S. Census Bureau, 2014.



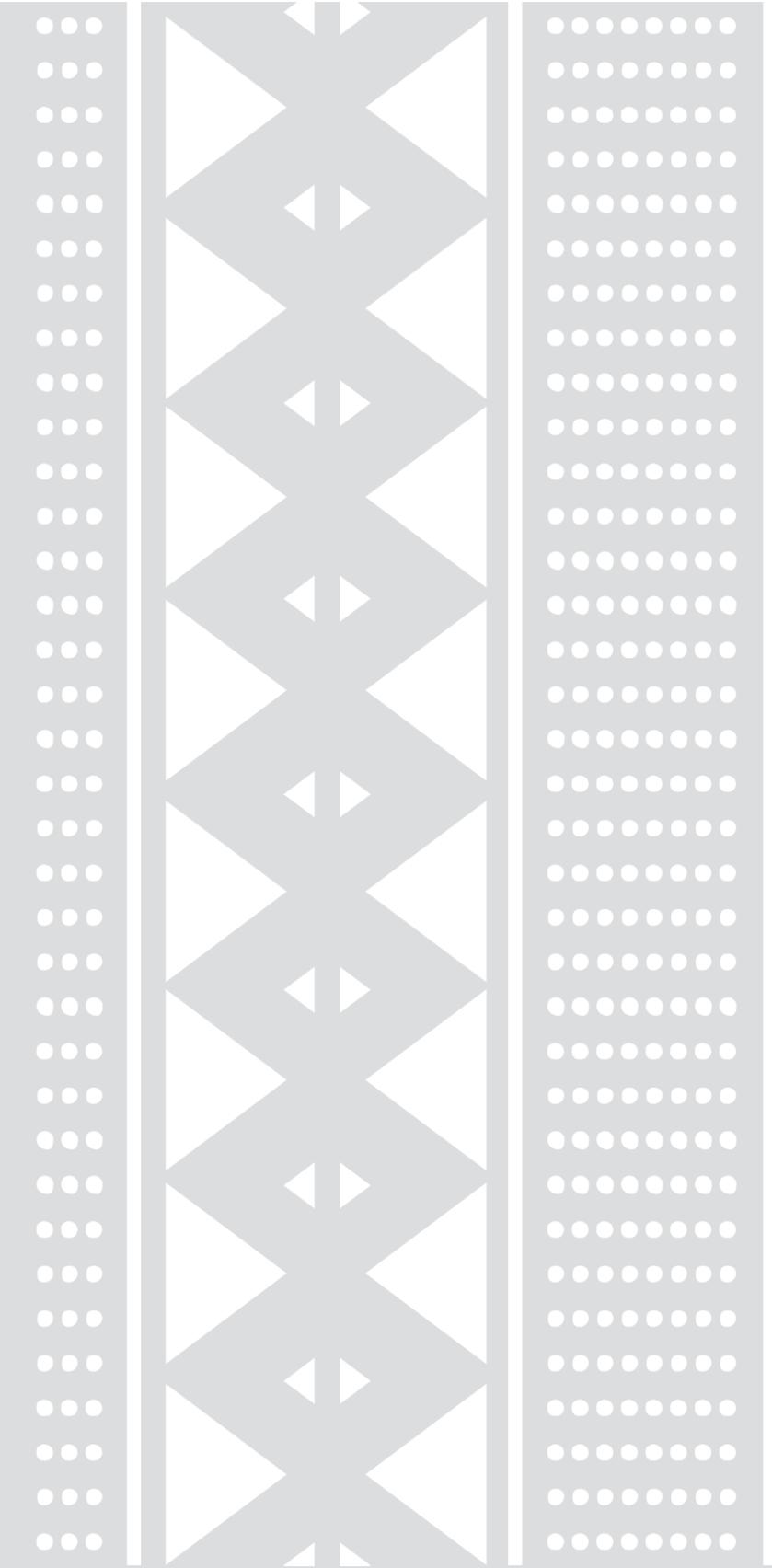
‘ĀINA AND RESOURCES

CE&R ‘Āina and Resources comprise the majority of KS’ landholdings and encompass lands zoned as agriculture or conservation along with adjacent lands with rural residential and commercial uses. KS seeks to optimize economic, educational, environmental, cultural, and community returns through active management of these lands for sustainable food systems, renewable energy, hardwood forestry, water resource quality and quantity, native ecosystem integrity, and cultural heritage preservation. Land assets also serve as opportunities for rural economic development and, outside KS campuses, for interaction between KS and the community.

COMMERCIAL REAL ESTATE

KS actively manages and develops its real estate in order to enhance value and provide operational revenue to educate Native Hawaiian learners each year. KS’ kuleana for commercial properties includes managing ground leases, licenses, and vacant lots as well as conducting annual property inspections to monitor lease compliance.





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REFERENCES

***Note: For map references, refer to the references noted at the bottom of each map.**

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APPENDIX

CENSUS DATA AND CAVEATS

A primary data source for the Regional Data Books is the U.S. Census. Census data are primarily drawn from the 2010 American Community Survey (ACS).

U.S. Census data was used to produce the KS Regional Prioritization Table, KS Strategy & Innovation Group's (S&I's) current and projected Native Hawaiian population tables and figures, and the various Native Hawaiian Population Density Heat Maps.

KS STRATEGY & INNOVATIONS GROUP (S&I) CURRENT AND PROJECTED POPULATION DATA

S&I provided customized 2010 Native Hawaiian population data by region for use in the Regional Data Books.

In addition, S&I prepared a population projection to the year 2040 based on 2010 U.S. Census Bureau data and State of Hawai'i vital statistics data. From the vital statistics data, recorded births with at least one parent claiming to be Native Hawaiian for the years 2011-2013 were tabulated and projected forward to develop an estimate of the potential future Native Hawaiian population in a region. These population projections help the reader to understand the rough order of magnitude of growth for both the learner population and beneficiaries and also helps to provide perspective on potential future conditions for a reader contemplating an action that may have effects that manifest over years or decades.

KS S&I REGIONAL PRIORITIZATION TABLE

KS Strategy & Innovations Group (S&I) data were used when available (largely for Native Hawaiian-specific state and region-level indicators). The use of KS S&I data is noted with an asterisk (*) throughout the Regional Data Books.

NATIVE HAWAIIAN POPULATION DENSITY HEAT MAPS

The Native Hawaiian Population Density "Heat Maps" present Native Hawaiian density data based upon a population model grounded in census CDP and census tract data that counts all Native Hawaiians in an area. It should be noted that:

- The heat maps may not include small Native Hawaiian populations (such as on DHHL lands) that fall below the model's threshold of 50 people per 1,000 acres.
- Each heat map displays Native Hawaiian population numbers scaled to the area represented in the particular map (state, county, or region).
- Native Hawaiian population numbers in *Maps 5 and 6* are sums of the population numbers present in the relevant CDPS and do not capture the total Native Hawaiian populations present.

NOTES ON UTILIZING THE ACS DATA:

- Native Hawaiian census data were identified using the census population group "Native Hawaiian alone or in any combination." This selection most closely resembles the KS definition of its beneficiaries. This is a self-reported measure and counts individuals who identify their ancestry to be fully or partially Native Hawaiian.

- The Kona O'ahu Region is composed of two CDPs and approximately 100 smaller Census Tracts (CTs). The "Census Tract" is an area roughly equivalent to a neighborhood established by the Bureau of Census for analyzing populations. "Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. A census tract usually covers a contiguous area; however, the spatial size of census tracts varies widely depending on the density of settlement." (U.S. Census Bureau, n.d.). Due to the large scale of the CDPs in the Kona O'ahu Region, data are presented at both the CDP and, when available, CT level.

THE FOLLOWING CAVEATS ARE IMPORTANT WHEN CONSIDERING CDP DATA:

- CDPs do not cover all land area in a region (as opposed to Census tracts, which do) and are, therefore, less suitable for developing region-wide observations. Census tract (CT) data, however, apply to the entire area covered by the tract, including unpopulated parts, and may incorporate multiple CDPs. As such, CTs do not provide as much insight into the population centers within all Regions except Kona O'ahu as may CDP data.
- CDP boundaries may not fully correspond to a local understanding of the full geographic extent of an area with the same name; generally, though, CDP boundaries reflect the primary population center of that area.

TYPES OF SCHOOLS

EARLY CHILDHOOD EDUCATION (ECE)

Early childhood education (ECE) relates to the teaching of young children from birth through age eight, particularly in the period before the start of compulsory education, which, in Hawai'i, is kindergarten.

ECE manifests in a variety of environments: group child care centers (licensed care provided in a center by an organization), family child care (licensed care provided in a caregiver's home), family-child interaction learning (programs that families attend with their children, and focus on family-child learning time), and home visiting (support services delivered in the family's home by an organization).

ECE providers are primarily private providers, although DOE does offer direct services for three and four year olds in special education. In Fall 2014, the Executive Office on Early Learning (EOEL) and DOE jointly developed a program that allows families to enroll their four-year old children in one of 21 prekindergarten classrooms at 18 public elementary schools across the State. The EOEL was established by Act 178 (passed as Senate Bill 2545) and signed into law June 2012. The law has government-wide authority to create a comprehensive and integrated State early childhood development and learning system. This DOE prekindergarten program was the first time Hawai'i designated State funds for prekindergarten education, and the program was designed to service 420 children who qualify based upon income (i.e., those eligible for free and reduced-price meals) and age requirements. Children must be age four on or before July 31 of the current school year to qualify. For school year 2017-2018, children born August 1, 2012 – July 31, 2013 are eligible.

DOE PUBLIC SCHOOLING

The Hawai'i Department of Education is the statewide public school district. It is comprised of 15 complex areas and 255 schools. Each complex area is made up of two to four school complexes, which encompass a high school, as well as the elementary and intermediate schools that feed into that high school (DOE Homepage, n.d.).

State-level offices report directly to either the Superintendent or the Deputy Superintendent and hold responsibility for curriculum, regulation compliance, student testing and support, data, civil rights, reform, military outreach, and communications. Complex Area Superintendents guide the work at the complex area level and report to the Deputy Superintendent.

CONVENTIONAL K-12 PUBLIC

Conventional public schools are run by DOE and offer direct services to children in grades K-12 and for three- and four-year olds in special education. As of August 2014, a child must be five on or before July 31 to enter DOE kindergarten classes—a change that is the result of Act 183 of 2010 and Act 178 of 2012, which notes that younger children may be more appropriately placed in a prekindergarten program.

PUBLIC CHARTER SCHOOLS

In the State, charter schools are public schools that are managed and

operated by independent governing boards under a performance contract with the State Public Charter School Commission. Funding is provided on a per-pupil basis separate from the DOE-operated schools. As such, public charter schools are open-enrollment schools that serve all students and do not charge tuition (Hawai'i State Public Charter School Commission, 2013).

START-UP CHARTER SCHOOL

Start-up charters are new charter schools established under the State Charter School Laws.

CONVERSION CHARTER SCHOOL

Conversion charter schools are existing conventional DOE schools that convert to charter schools and are managed and operated in accordance with Hawai'i State Charter School Laws. They can also be newly created schools that are made up of "programs or sections of existing public school populations that are funded and governed independently and may include part of a separate Hawaiian language immersion program using existing public school facilities" (Kua o Ka Lā New Century Public Charter School, n.d.).

HAWAIIAN-FOCUSED CHARTER SCHOOL

Hawaiian-focused charter schools provide learning grounded in the values, norms, knowledge, beliefs, practices, and language that are the foundation of Native Hawaiian culture.

PRIVATE

Private schools are supported by a private organization or individual(s). They can provide education at all levels along the educational continuum from ECE to secondary.

HAWAIIAN IMMERSION

Language immersion programs use a specific language as the medium of classroom instruction. Learners develop language proficiency through this method of instruction. Hawaiian immersion schooling is based partially upon 19th century Hawaiian-language schools and provides instruction to children, and often their family, in Hawaiian language and culture.

Hawaiian immersion schooling is provided at all levels along the educational continuum. 'Aha Pūnana Leo Hawaiian language immersion preschools provide programming at the ECE level.

Immersion programming at the K-12 level is provided through public or private schooling. Ka Papahana Kaiapuni, the DOE K-12 Hawaiian language immersion program, is located in conventional and charter DOE schools statewide. These programs implement a full immersion framework, with one hour of English per day; English is introduced as a content area starting in fifth grade (DOE Hawaiian Language, n.d.).

Students within the Kaiapuni Educational Program have recently been given a new Hawaiian Language Assessment: Kaiapuni Assessment of Educational Outcomes (KAEO). Prior, Kaiapuni students were given

the English-based Hawai'i State Assessment translated into Hawaiian language, while KĀ'EO was developed in Hawaiian. Under a USDOE-approved waiver from federal requirements for using a single statewide assessment for all students, grade 3 and 4 Kaiapuni students took only the KAEO in language arts and mathematics, and those students' scores are included in their schools' Strive HI academic achievement proficiency rates (<http://arch.k12.hi.us/school/strivehi/strivehi.html>).

As such, schools who only administered the KĀ'EO assessments for 3rd Grade were not included in the DOE data results tables in *Section 3 Education in the Region*.

HIGHER/POST-SECONDARY EDUCATION

The University of Hawai'i System is the State's higher education provider. The system includes ten campuses comprised of three Universities (Mānoa, Hilo, and West O'ahu) and seven community colleges (Hawai'i, Honolulu, Kapi'olani, Kaua'i, Leeward, Maui, and Windward). The System offers academic courses ranging from certificate and vocational programs through doctoral programs.

Higher education is also provided by private brick-and-mortar and online institutions.

ADULT EDUCATION

Adult education courses provide classes for adults not enrolled in a school, in a wide variety of subjects that can be academic or non-academic in nature.

DOE provides adult education courses for adult learners at community schools. Programming includes basic education, English literacy and civics, and General Educational Development (GED). The two main community school campuses are located on O'ahu and eight satellite sites are located throughout the State, including on O'ahu, Kaua'i, Maui, and Hawai'i.

Adult education classes are also provided by various public and private institutions including county departments of parks and recreation.

VOCATIONAL/TRADE SCHOOL

A vocational/trade school is an institution of higher learning that provides students with job-focused education and technical skill training.

EDUCATIONAL DATA AND REFERENCE DOCUMENT DESCRIPTIONS

The following provides brief descriptions of the non-census data sources that were used in Section 3 Education in the Region.

DOE STRIVE HI STUDENT GROUP PERFORMANCE REPORT

The Statewide DOE Strive HI Student Group Performance Reports for SY14-15 and SY15-16 were used as the data source for the percentage of all and Native Hawaiian students meeting the standard of proficiency in Science, English Language Arts (ELA), and Math for all grade levels. Student Group Performance Reports are provided to “examine disaggregated subgroup achievement against Strive HI Performance targets.” These targets are designed to “measure and better understand school performance and progress, and to help tailor rewards, supports, and interventions for school improvement” (DOE Strive HI, 2014).

DOE TREND REPORT: EDUCATIONAL AND FISCAL ACCOUNTABILITY

The Statewide and Complex DOE Trend Report: Educational and Fiscal Accountability reports for SY14-15 and SY15-16 were used as the source for a variety of data for all students, including free and reduced-price lunch; teacher qualifications; and high school retention, drop-out, and graduation rates. This report provides “three years of trend data on school, complex, and State performance at selected benchmark grade levels with performance indicators in areas relating to student achievement, safety and wellbeing, and civic responsibility” (DOE Trend Report, 2014).

HAWAI'I P-20 COLLEGE AND CAREER READINESS INDICATORS REPORTS (CCRI)

The Hawai'i P-20 College and Career Readiness Indicators Reports (CCRI) for SY14-15 and SY15-16 were used as the data source for college access and completion percentages and for the percentage of Class of 2015 and 2016 DOE high school students enrolled in the University of Hawai'i System that require remedial/developmental Math or English courses. The reports were developed by a partnership of DOE, the University of Hawai'i, and P-20; the reports present “information on how well Hawai'i's graduates are prepared to meet the HIDOE's Vision of a High School Graduate” (Hawai'i P-20, 2013).

DOE HAWAI'I STATE SCHOOL READINESS ASSESSMENT (HSSRA)

The DOE's Hawai'i State School Readiness Assessment (HSSRA) reports' Early Education Profiles were used as the data source for data related to Kindergarten Readiness, including kindergarten teacher qualifications, percentage of kindergarten students qualifying for free and reduced-price school lunch, and percentage of kindergarten students that attended preschool at both the Statewide and Complex Area levels. Note that data in the HSSRA are from principals and kindergarten teachers of schools that submitted the report only and do not include charter schools. The report is available at the State, complex, and school level.

The HSSRA assessment instruments “were developed by the School Readiness Task Force, in partnership with the Department of Education, Kamehameha Schools, and Good Beginnings Alliance,” and the reports provide “information on kindergarten children's readiness to succeed

in school and on the schools' readiness to support their learning” (DOE HSSRA, 2013). Note that the DOE has decided to discontinue the HSSRA report, and, as such, the last available reports for SY13-14 were used.

HAWAI'I P-20 PARTNERSHIPS FOR EDUCATION WITH DATA PROVIDED BY THE HAWAI'I DATA EXCHANGE PARTNERSHIP

SY14-15 and SY15-16 All and Native Hawaiian Student Enrollment and Concentration, Proficiency, Drop-out, On-time Graduation, and Postsecondary Enrollment Data.

The Hawai'i P-20 Partnerships for Education provided KS' Enterprise Information Management and Services Division (EIMS) with all and Native Hawaiian student enrollment and concentration, proficiency, drop-out, on-time graduation, and postsecondary enrollment at the State, Region, Complex Area, Complex, and school levels for SY14-15 and SY15-16 via special request in April 2017. Proficiency data includes 3rd grade ELA and Math and 8th and 11th grade ELA, Math, and Science.

Class of 2015 Dual Credit Earners Data

The Hawai'i P-20 Partnerships for Education provided KS' Enterprise Information Management and Services Division (EIMS) with all and Native Hawaiian Class of 2015 Dual Credit Earner Data at the State and Region level for SY14-15 via special request in October 2016.

HAWAI'I STATE PUBLIC CHARTER SCHOOL COMMISSION DIRECTORY

The SY15-16 Directory of Public Charter Schools was used to identify the location and grade levels served for DOE public charter schools across the State.

'AHA PŪNANA LEO WEBSITE

A list of preschools on the 'Aha Pūnana Leo website (www.ahapunanaleo.org) was used to compile a list and identify the location of Hawaiian language immersion preschools across the State.

DOE HAWAIIAN LANGUAGE IMMERSION/KAIAPUNI SCHOOLS WEBPAGE

The DOE's Hawaiian Language Immersion/Kaiapuni Schools webpage (<http://www.hawaiipublicschools.org/TeachingAndLearning/StudentLearning/HawaiianEducation/Pages/Hawaiian-language-immersion-schools.aspx>) was used to identify DOE schools—traditional public and charter—across the State that provide K-12 Hawaiian language education.

PEOPLE ATTENTIVE TO CHILDREN (PATCH) DATA

A list of preschools received by KS from PATCH in March 2017 was used to compile a list and identify the location of preschools across the State.

DOE EARLY CHILDHOOD WEPAGE

Lists of Head Start and P-3 preschools on the DOE Early Childhood webpage (<http://www.hawaiipublicschools.org/TeachingAndLearning/SpecializedPrograms/EarlyChildhood/Pages/home.aspx>) was used to compile a list and identify the location of preschools across the State.

KS PAUAHI KEIKI SCHOLARS (PKS) DATA

Pauahi Keiki Scholars (PKS) data was used to compile a list and identify the location of preschools across the State.

HAWAI'I ASSOCIATION OF INDEPENDENT SCHOOLS (HAIS) DATA COMPILED BY KS

Selected SY16-17 from the Hawai'i Association of Independent Schools' (HAIS') was used by KS to compile a list and identify the location of private schools across the State. Additionally, the report was used to identify individual school total enrollment, tuition, student-teacher ratio, grades served, and whether the school is coed, all girls or all boys.

HAWAI'I CATHOLIC SCHOOLS WEBSITE

The Hawai'i Catholic Schools website (www.catholicshawaii.org) was used to compile a list and identify the location of private schools across the State.

STATE OF HAWAI'I DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND TOURISM (DBEDT) GIS

A GIS layer entitled “Public Schools Locations” from the State of Hawai'i's Department of Business, Economic Development, and Tourism (DBEDT) dated December 2015 was used to compile a list and identify the location of public schools across the State.

NATIONAL CENTER FOR EDUCATION STATISTICS (NCES) DATA

Data from the National Center for Education Statistics (NCES) was used to compile a list and identify the location of postsecondary and adult training schools across the State. Additionally, NCES data was used to identify total and Native Hawaiian or Pacific Islander enrollment, tuition, living expenses, credits accepted, and graduation rates in the Kona O'ahu Regional Data Book.

PROXIMITYONE WEBSITE

Data from ProximityOne (www.proximityone.com) was used to identify Native Hawaiian or Pacific Islander enrollment for private schools during SY11-12.

UNIVERSITY OF HAWAI'I INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE DATA

Data on the University of Hawai'i System was obtained from UH's Institutional Research and Analysis Office Data Access Portal.



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