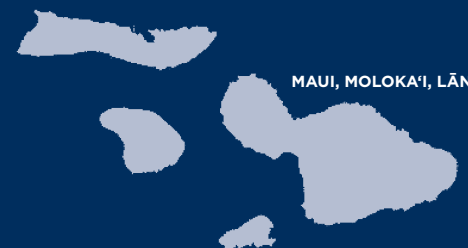




KAMEHAMEHA SCHOOLS®



KAUA'I & NI'IIHAU



MAUI, MOLOKA'I, LĀNA'I



WEST HAWAII

EAST HAWAII

REGIONAL DATA BOOK

# WEST HAWAII

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**

**Document Classification Level: External**

**Steward(s): Kamehameha Schools Enterprise Information Management & Services**

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THIS REGIONAL DATA BOOK PREPARED BY



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## **Infographic Summary**



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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 West 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 West Hawai'i Region.

 TOTAL POPULATION  
 NATIVE HAWAIIAN POPULATION



**58%\***  
PROJECTED GROWTH OF THE NATIVE HAWAIIAN POPULATION IN THE REGION, 2010-2040

**33,338**  
PROJECTED NATIVE HAWAIIAN POPULATION IN THE REGION, 2040

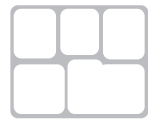


**\$72,514\***  
AVERAGE NATIVE HAWAIIAN HOUSEHOLD INCOME IN THE REGION, 2010

**12%\*/9%\***  
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



**69% KOHALA**  
**68% KONAWAENA**  
**65% HONOKA'A**  
**59% KEALAKEHE**

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)



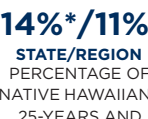
**58%\*/58%\***  
STATE/REGION NATIVE HAWAIIANS WHO LIVE IN OWNER-OCCUPIED HOMES, 2010



**38%\*/36%\***  
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN FAMILY HOUSEHOLDS IN THE STATE AND REGION THAT ARE HEADED BY A SINGLE PARENT, 2010



**43%\*/40%\***  
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN WORKERS 16 YEARS AND OLDER WITH A COMMUTE TIME GREATER THAN 30 MINUTES, 2010



**14%\*/11%\***  
STATE/REGION PERCENTAGE OF NATIVE HAWAIIANS 25-YEARS AND OLDER IN THE STATE AND REGION WHO HAVE ATTAINED A BACHELORS DEGREE OR HIGHER, 2010



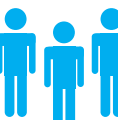
**34%**  
**3,839**  
NUMBER AND PERCENTAGE OF DOE K-12 STUDENTS IN THE REGION WHO ARE NATIVE HAWAIIAN (SY15-16)



**5%-19%**  
RANGE OF THE PERCENTAGE BY COMPLEX OF DOE STUDENTS IN THE REGION WHO WERE RETAINED IN 9TH GRADE (SY15-16)



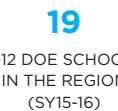
**78%/76%**  
STATE/REGION PERCENTAGE OF NATIVE HAWAIIAN DOE STUDENTS IN THE STATE AND REGION WHO GRADUATED ON-TIME (SY14-15)



**30%-45%**  
RANGE OF THE PERCENTAGE BY COMPLEX OF DOE TEACHERS IN THE REGION WITH AN ADVANCED DEGREE (SY15-16)



**1**  
HAWAIIAN-FOCUSED CHARTER SCHOOLS IN THE REGION (SY15-16)



**19**  
K-12 DOE SCHOOLS IN THE REGION (SY15-16)



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



**21**  
KS-COLLABORATING PROGRAMS IN THE REGION (FY17-18). NOTE: MORE THAN ONE PROGRAM MAY BE PROVIDED BY THE SAME ORGANIZATION.



**KAMEHAMEHA SCHOOLS**

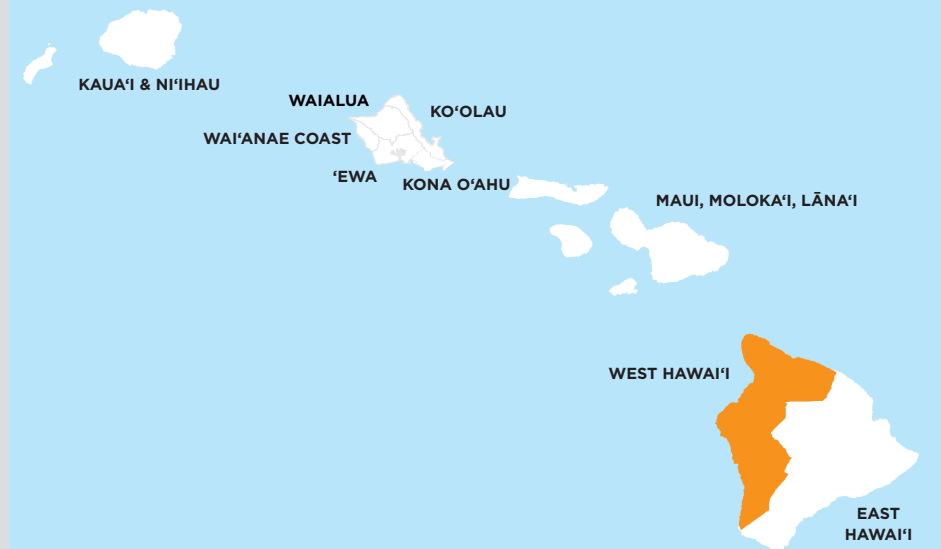


**DHHL**  
TOP 2 LARGEST LANDOWNING NATIVE HAWAIIAN ORGANIZATIONS IN THE REGION

WEST HAWAI'I'S 5 LARGEST LANDOWNERS INCLUDE:

- STATE OF HAWAI'I  
290,411 ACRES
- KAMEHAMEHA SCHOOLS  
209,451 ACRES
- PARKER RANCH  
102,507 ACRES
- FEDERAL GOVERNMENT  
72,876 ACRES
- DHHL  
38,860 ACRES

THERE ARE 9 KS REGIONS—INCLUDING WEST 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.

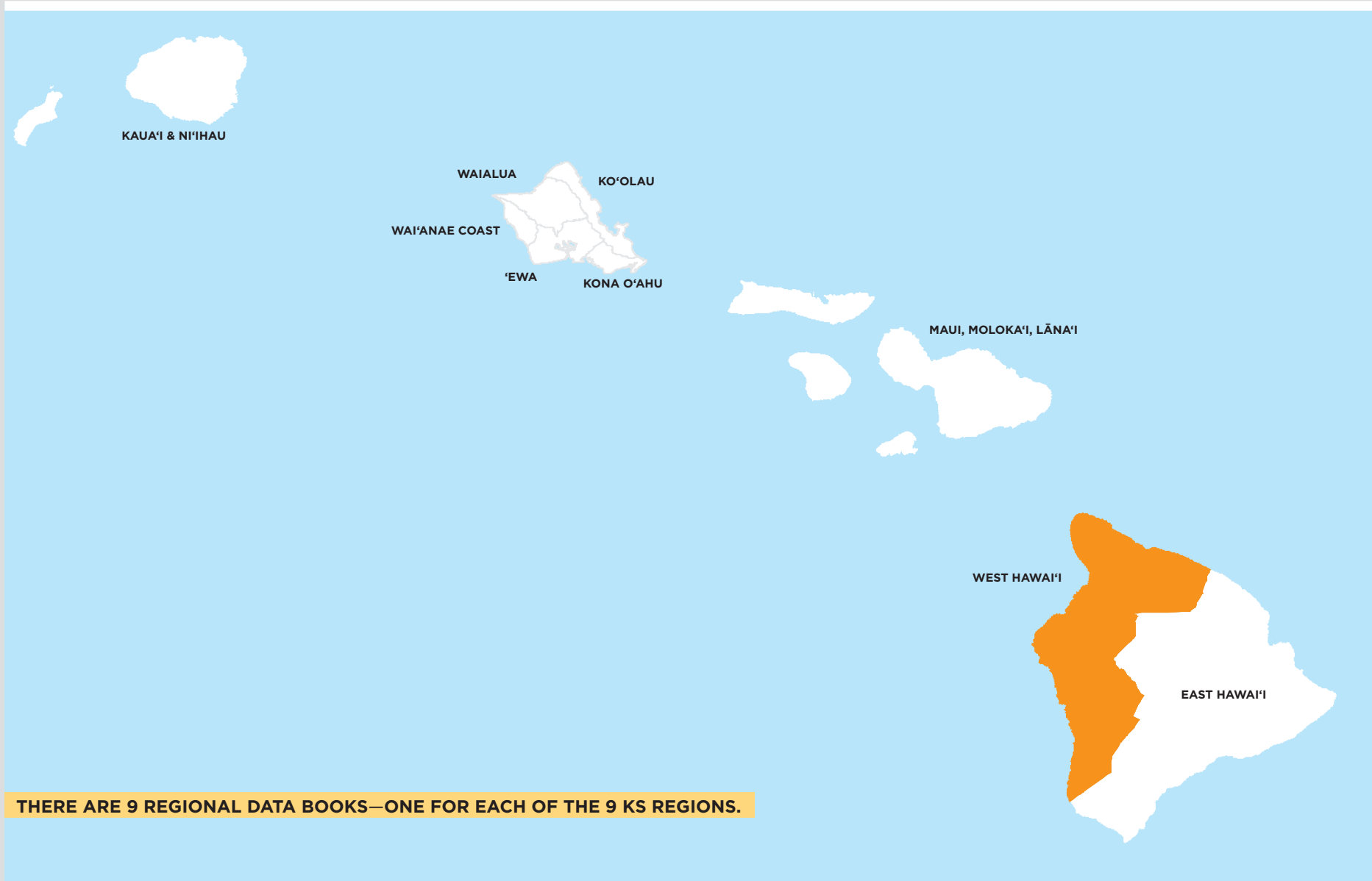
**THE KS VISION, AS EXPRESSED IN THE STRATEGIC VISION 2040, IS:**

**“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

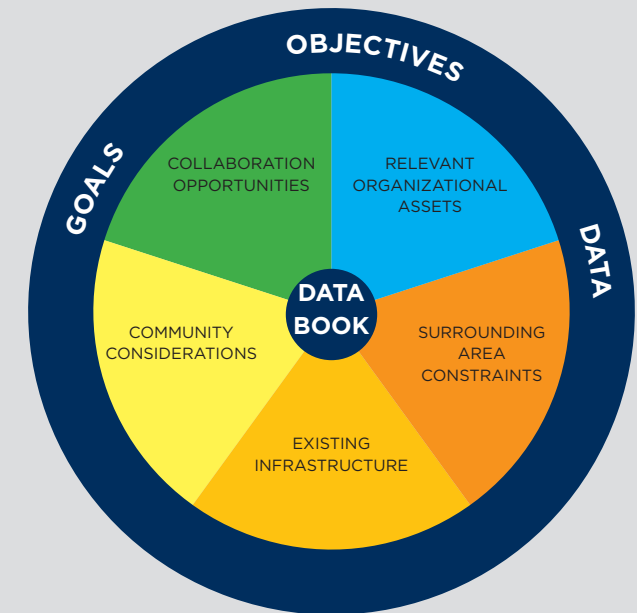


Figure 1 Regional Data Book Approach outlines the internal and external goals, objectives, and data captured by the Regional Data Book for consideration in decision-making. The goals, objectives, and data herein include:

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



# WEST 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, significant 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 a single DOE complex area: Honoka'a-Kealakehe-Kohala-Konawaena. The Complex Area includes four complexes: Honoka'a, Kohala, Kealakehe, and Konawaena. Additional information on the complex areas is included in Section 3 Education in the Region.

## REGIONAL FEDERAL, STATE, AND COUNTY LANDS

The federal government owns and manages about 72,876 acres, the County owns and manages about 2,184 acres, and DHHL manages about 38,860 acres in the Region. The State is the largest landowner in the Region with 290,411 acres. Landowners and potential partners are described further in Section 4 Stakeholders & Collaborators in the Region.

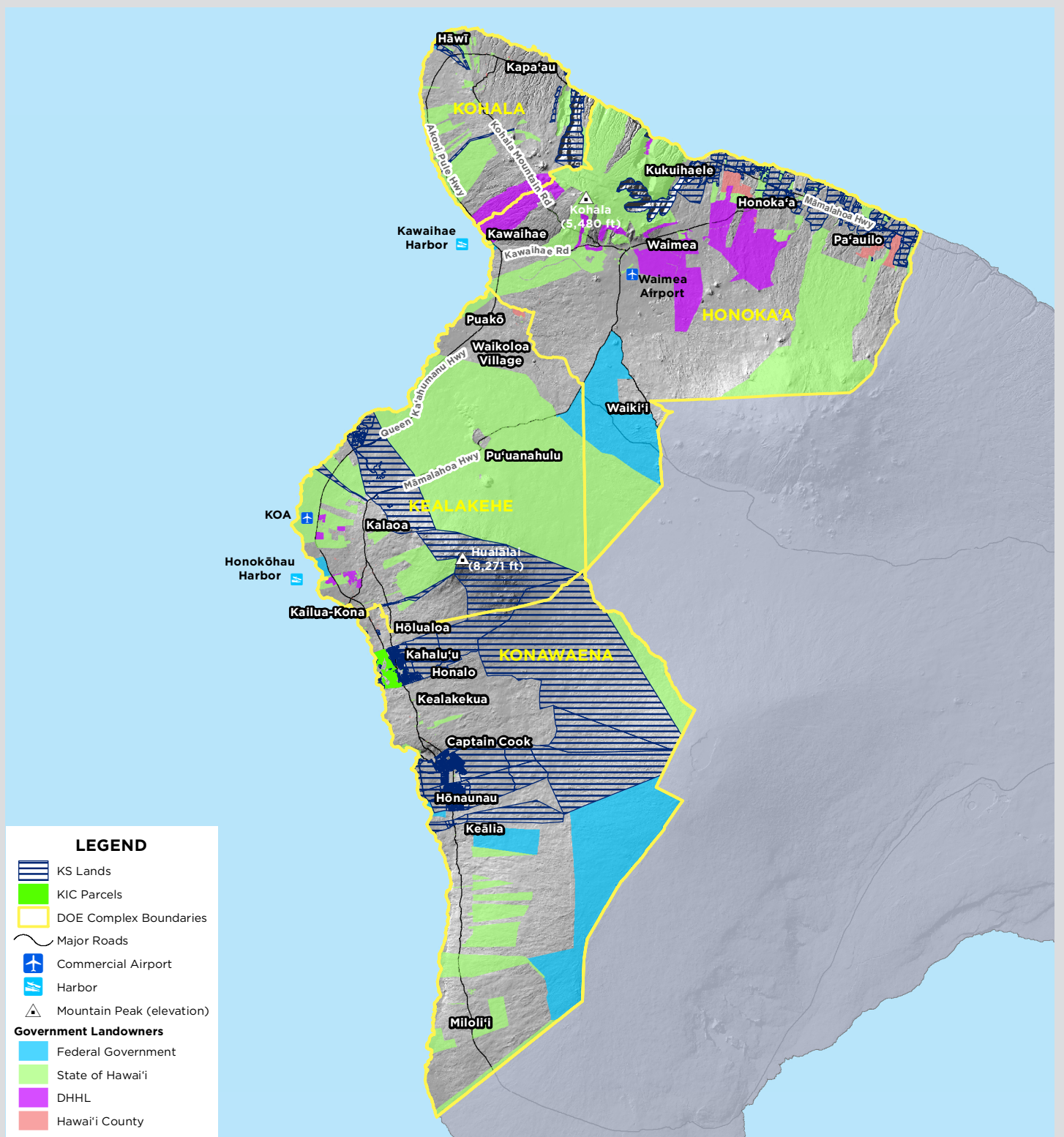
## ELECTED OFFICES

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.

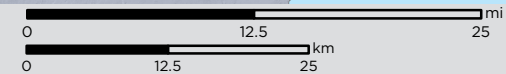
TABLE 1: Regional Federal, State, and County Elected Offices				
LEVEL	OFFICE	DISTRICT/AREA	NAME	TERM ENDS
FEDERAL	U.S. SENATOR	US SD1	Mazie Hirono	January 2019
		US SD2	Brian Schatz	January 2023
	U.S. CONGRESSIONAL REPRESENTATIVE	US CD1	Colleen Hanabusa	January 2019
		US CD2	Tulsi Gabbard	January 2019
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
		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; KIC Parcels as of 3/2017 maintained by LIMS; 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 WEST 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 lessor of lands for preschools and other uses, including offices.

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

## HISTORIC LANDOWNERSHIP

KS came to own the majority of its lands in West Hawai'i by inheritance from Victoria Kamāmalu and Lot Kapuāiwa. KS has also, over time, acquired lands in West Hawai'i through purchase, including Hāmākua Sugar Company lands, which were acquired in the mid-1990s following the collapse of the sugar industry in Hāmākua. *Map 3 KS Legacy Lands in the Region* illustrates the land lineage of KS' original endowment and current lands.

## MOKU O HĀMĀKUA

Historically, the Hāmākua district, known for its steep trails and cliffs, included a coastal trail that provided overland transportation between the sociopolitical centers of Waimea and Hilo. Present-day Hāmākua is largely organized around its sugar-era towns. The community has identified "community-managed" public access, town revitalization, Waipi'o Valley wahi pana, public transportation, and more community facilities as needs (County of Hawai'i, 2011). KS' lands in Hāmākua extend from Waipi'o Valley south to Ninole and encompass lands that KS has both inherited and acquired, including a single ahupua'a at Kaiwiki (near 'O'ōkala) that is part of the original KS endowment and the purchase of lands from the bankruptcy trustee of Hāmākua Sugar Company in 1994 (KS LAD Hāmākua Asset Plan, 2005).

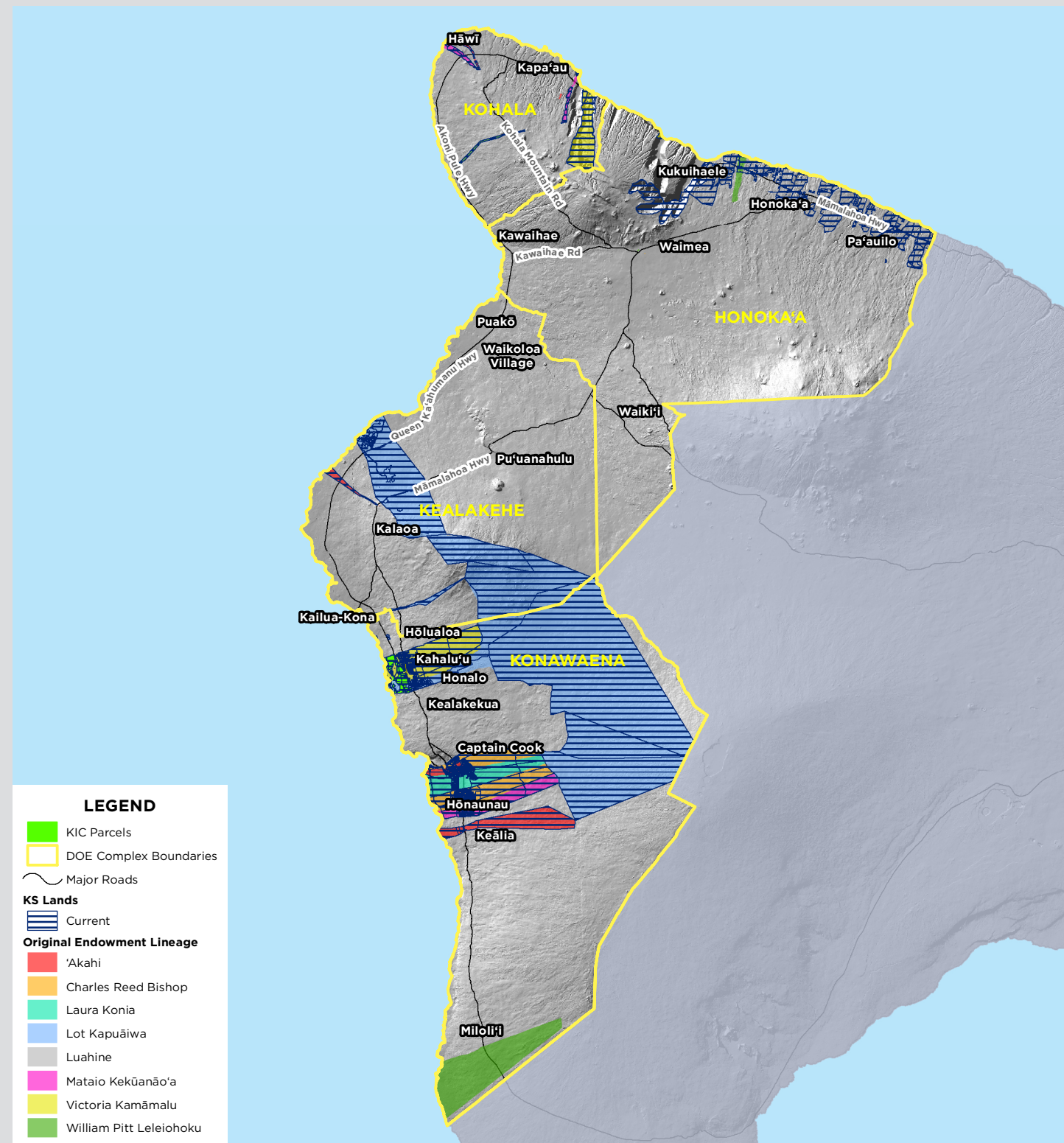
## MOKU O KOHALA

The Kohala Field System, a dryland agricultural complex on the leeward slope of the Kohala Mountains, began taking form as early as the 14th century (Kirch, 2000, p. 295). Here, Native Hawaiians developed an agricultural system based on the cultivation of 'uala, kalo, and other crops fed by the misty rains of the Kohala Mountains (Kirch, 2012, p. 188). Kamehameha I was born at Kokoiki in 1736 (Kamakau, 1992, p. 67). Prior to his unification of Hawai'i Island, Kamehameha I constructed Pu'ukoholā Heiau in Kawaihae in an effort to gain the favor of the god, Kūkā'ilimoku. Three primary communities compose present-day Kohala: Waikoloa, Waimea, and North Kohala. Kohala's economic activity focuses primarily on ranching and agriculture, though South Kohala also focuses on tourism. KS lands extend across Kohala, including the lands surrounding the birthplace of Kamehameha I (KS LAD Hāmākua Asset Plan, 2005).

## MOKU O KONA

By the late 1700s, the Kona Field System, an extensive and diverse dryland agricultural complex, was established by area farmers. These dryland farming complexes had a significant role in the development of Native Hawaiian social hierarchies, increasing competition and the emergence of Native Hawaiian social order (Allen, 2001, p. 137, 145). Today, North Kona continues to retain its agricultural character, where coffee—largely grown on KS lands—dominates the agricultural industry. KS' 188,523 acres in South Kona amount to over half of all the land that KS owns in the state and include portions of the summit regions of both Hualālai and Mauna Loa (KS LAD Hāmākua Asset Plan, 2005).

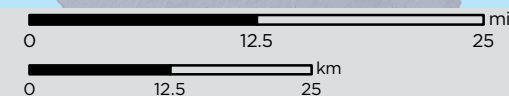
MAP 3: KS Legacy Lands in the Region



**LEGEND**

- KIC Parcels
- DOE Complex Boundaries
- Major Roads
- KS Lands**
- Current
- Original Endowment Lineage**
- 'Akahi
- Charles Reed Bishop
- Laura Konia
- Lot Kapuāiwa
- Luahine
- Mataio Kekūanā'ōa
- Victoria Kamāmalu
- William Pitt Leleiohoku

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
 KIC Parcels as of 3/2017 maintained by LIMS;  
 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.

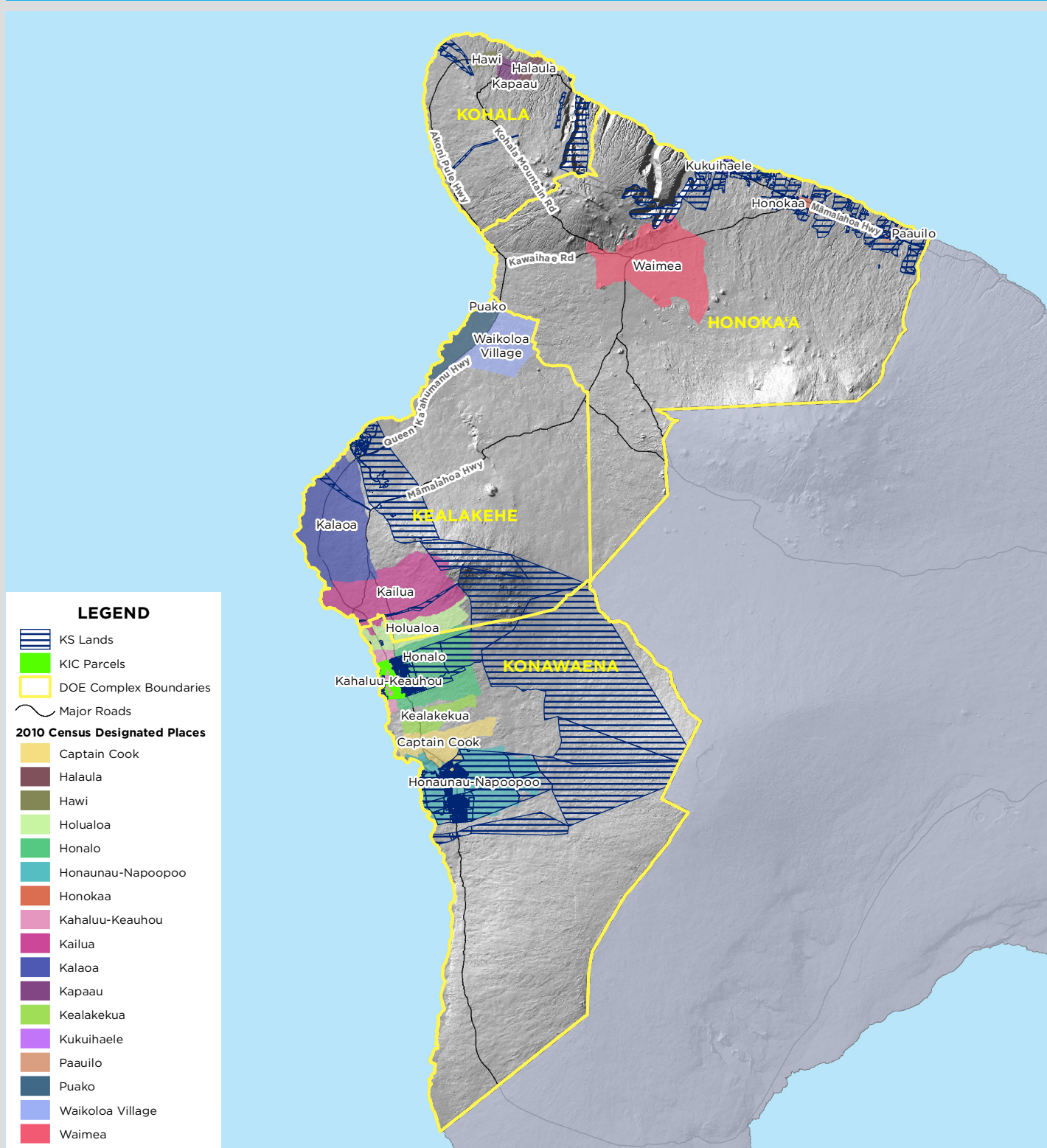
**TABLE 2: Census Designated Places (CDPs) in the Region**

CDPs
Captain Cook CDP
Halaula CDP
Kahaluu-Keauhou CDP
Hawi CDP
Holualoa CDP
Honalo CDP
Honaunau-Napoopoo CDP
Honokaa CDP
Kukuihaele CDP
Kailua CDP
Kalaoa CDP
Kapaau CDP
Kealakekua CDP
Paauilo CDP
Puako CDP
Waikoloa Village CDP
Waimea 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**



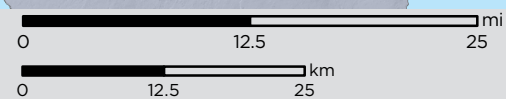
**LEGEND**

- KS Lands
- KIC Parcels
- DOE Complex Boundaries
- Major Roads

**2010 Census Designated Places**

- Captain Cook
- Halaula
- Hawi
- Holualoa
- Honalo
- Honaunau-Napoopoo
- Honokaa
- Kahaluu-Keauhou
- Kailua
- Kalaoa
- Kapaau
- Kealakekua
- Kukuihaele
- Paauilo
- Puako
- Waikoloa Village
- Waimea

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
KIC Parcels as of 3/2017 maintained by LIMS;  
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
- 21,045 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.

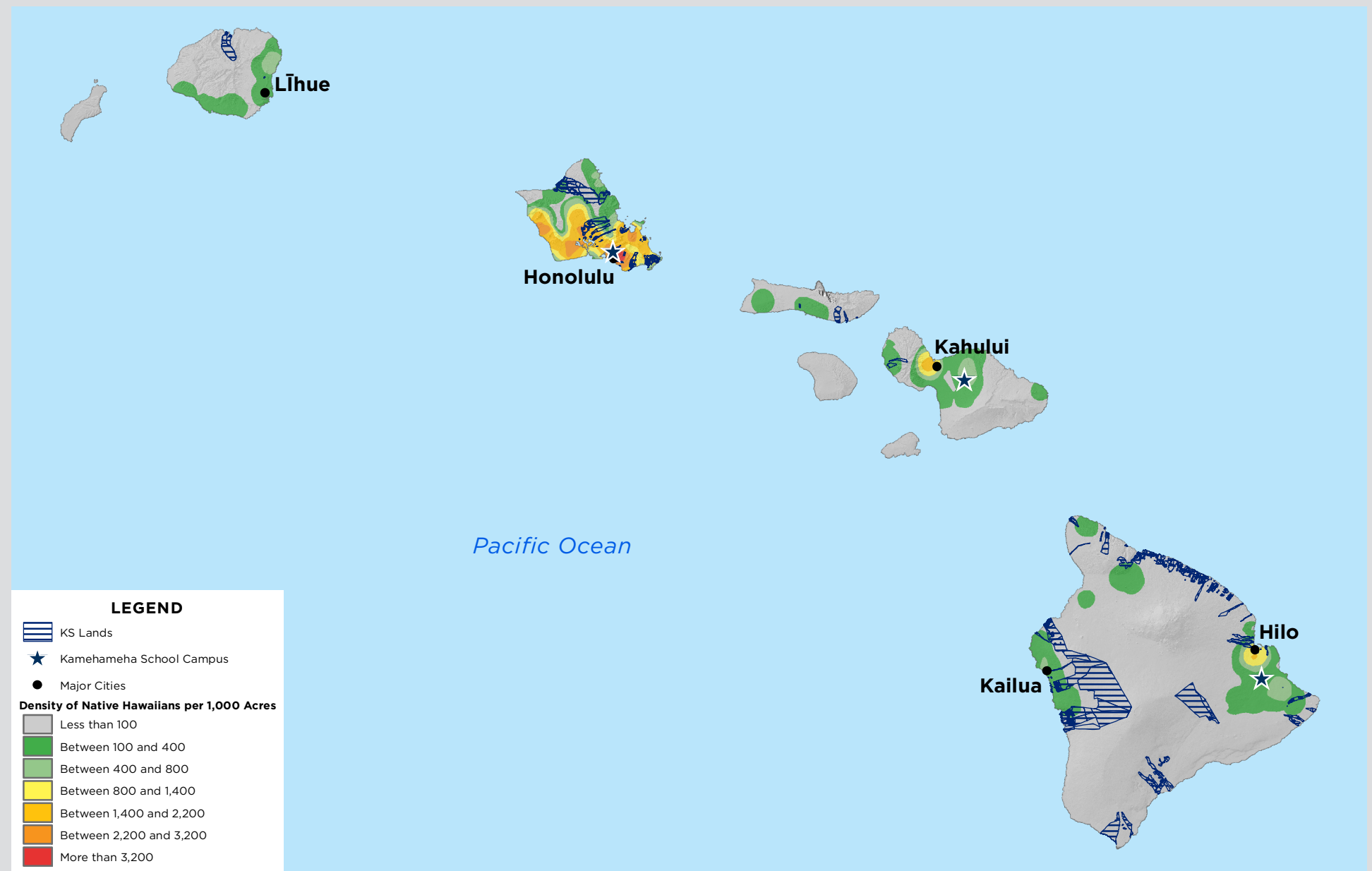
FOR DISCUSSING NATIVE HAWAIIAN POPULATIONS, THE FOLLOWING DEFINITIONS ARE USED:

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

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

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

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



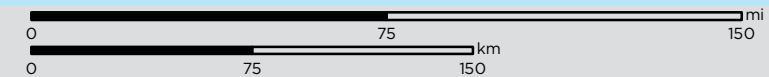
**LEGEND**

- KS Lands
- Kamehameha School Campus
- Major Cities

**Density of Native Hawaiians per 1,000 Acres**

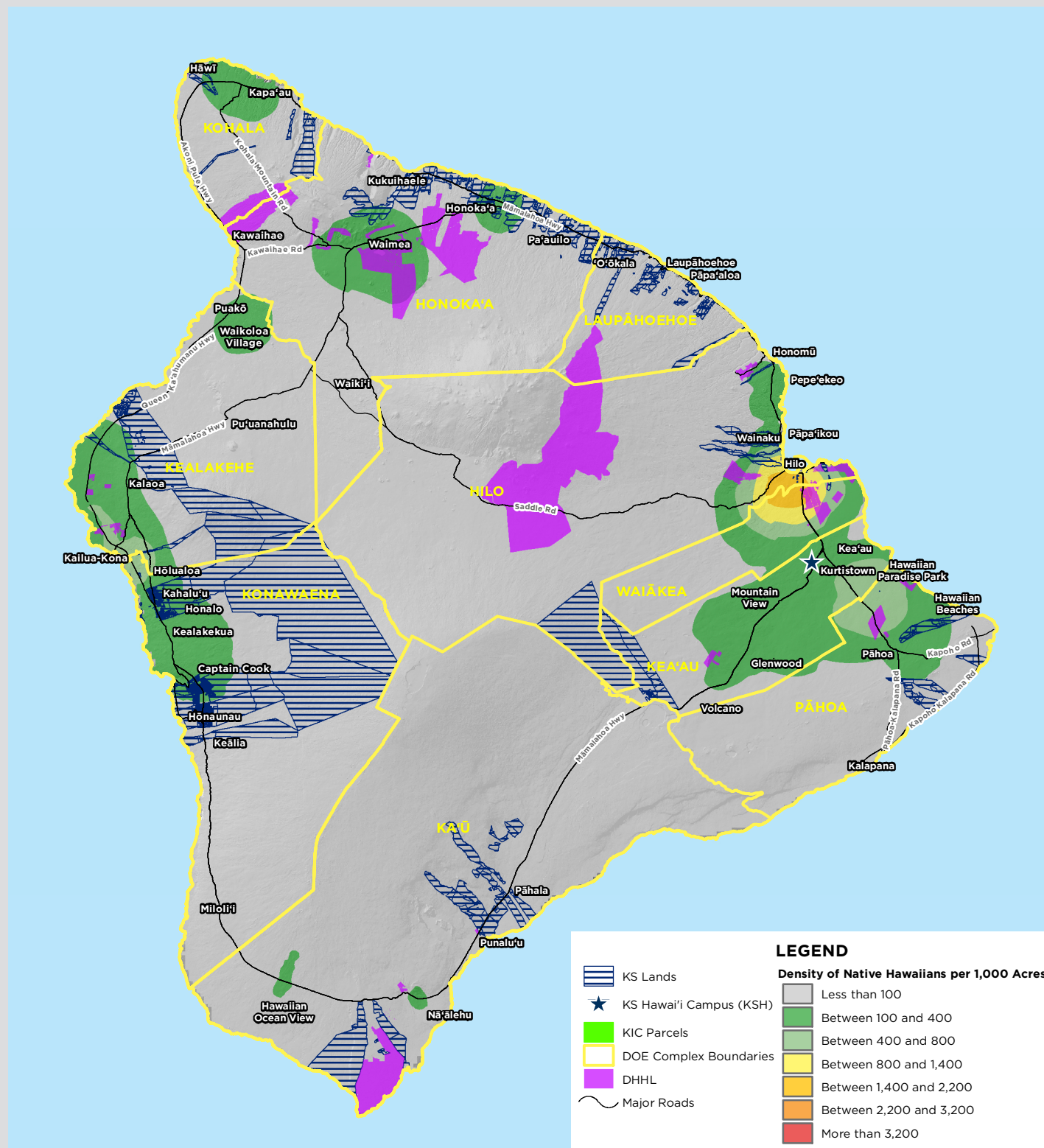
- Less than 100
- Between 100 and 400
- Between 400 and 800
- Between 800 and 1,400
- Between 1,400 and 2,200
- Between 2,200 and 3,200
- More than 3,200

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.

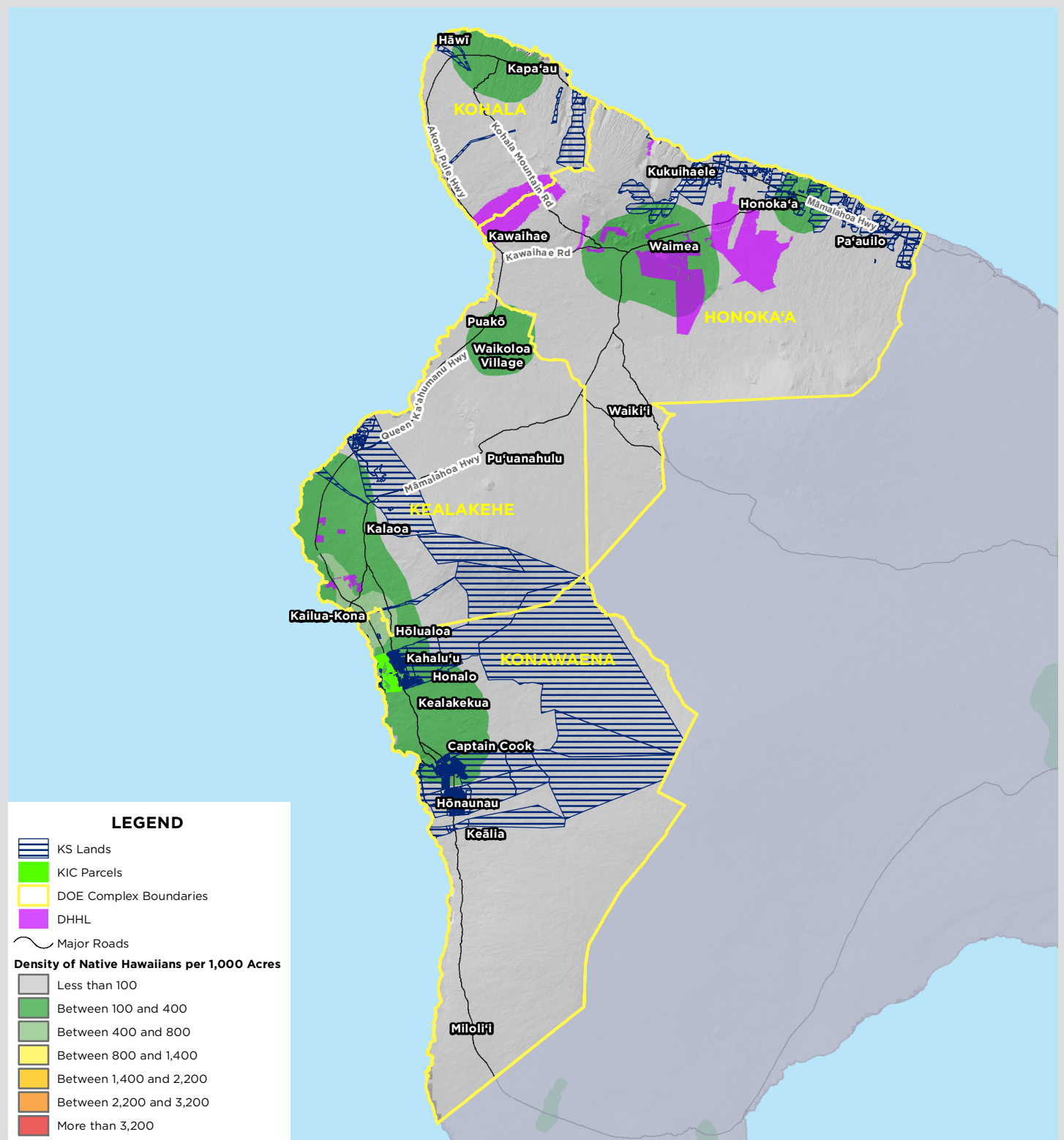


# 2010 NATIVE HAWAIIAN POPULATION (CONT'D)

MAP 6: County Native Hawaiian Population Density "Heat Map"



MAP 7: Region Native Hawaiian Population Density "Heat Map"



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;  
 DHHL parcels are derived from Large Landowners layer from DBEDT, Oct. 2013.  
 Major Roads from TIGER U.S. Census Bureau, 2014;  
 Native Hawaiian Density layer created by Cardno, July 2014 using 2010 Census data.

Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
 KIC Parcels as of 3/2017 maintained by LIMS;  
 DOE Complexes from Hawaii DBEDT 3/2017;  
 DHHL parcels are derived from Large Landowners layer from DBEDT, Oct. 2013.  
 Major Roads from TIGER U.S. Census Bureau, 2014;  
 Native Hawaiian Density layer created by Cardno, July 2014 using 2010 Census data.

# 2015-2040

## 2015-2040 NATIVE HAWAIIAN POPULATION

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

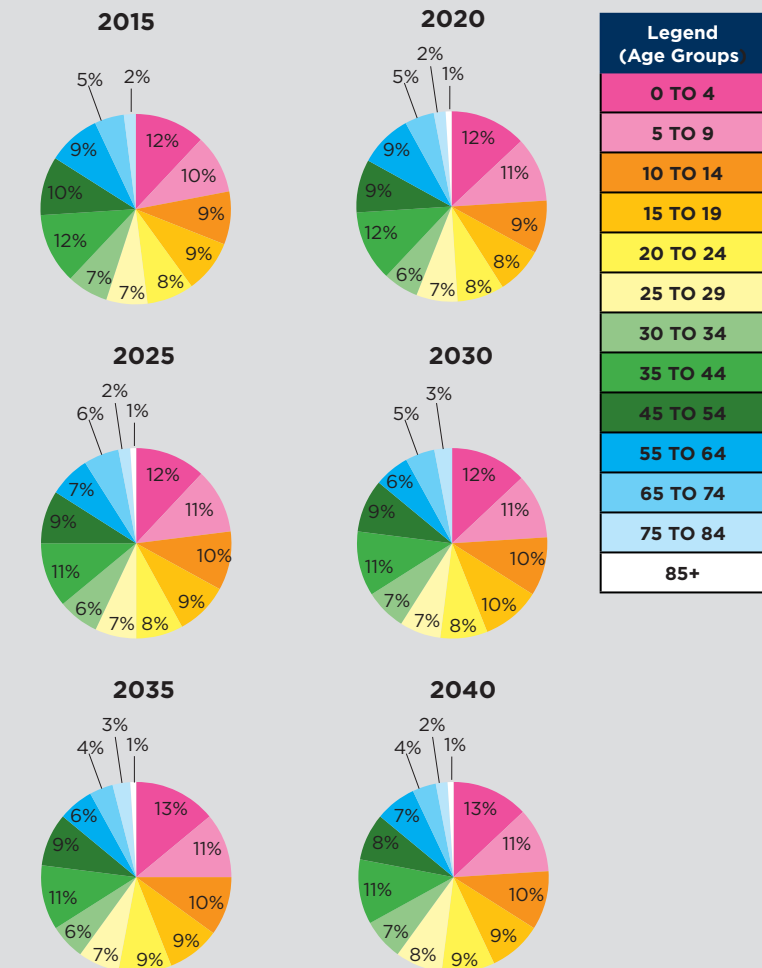
AGE GROUPS	2015	2020	2025	2030	2035	2040
<b>TOTAL</b>	22,656	24,365	26,200	28,242	30,609	33,338
<b>0</b>	570	611	658	727	815	904
<b>1</b>	553	593	637	699	784	872
<b>2</b>	545	584	626	683	766	854
<b>3</b>	539	575	616	669	748	836
<b>4</b>	534	567	607	657	730	818
<b>5</b>	461	559	600	646	713	800
<b>6</b>	464	551	591	635	697	782
<b>7</b>	437	544	583	625	682	764
<b>8</b>	468	538	574	615	669	747
<b>9</b>	460	534	567	607	657	730
<b>10</b>	448	461	559	599	645	713
<b>11</b>	438	463	551	591	635	697
<b>12</b>	381	437	544	582	625	682
<b>13</b>	405	468	538	574	615	668
<b>14</b>	397	459	533	566	606	656
<b>15</b>	420	447	460	558	598	645
<b>16</b>	382	437	462	550	590	634
<b>17</b>	371	380	436	542	581	622
<b>18</b>	349	403	466	535	571	612
<b>19</b>	431	394	456	530	562	602
<b>20 TO 24</b>	1,722	1,932	2,037	2,255	2,685	2,870
<b>25 TO 29</b>	1,499	1,697	1,905	2,009	2,223	2,647
<b>30 TO 34</b>	1,595	1,477	1,672	1,878	1,979	2,191
<b>35 TO 44</b>	2,682	2,946	2,966	3,045	3,432	3,728
<b>45 TO 54</b>	2,287	2,208	2,426	2,663	2,675	2,755
<b>55 TO 64</b>	2,106	2,080	1,867	1,809	1,989	2,183
<b>65 TO 74</b>	1,143	1,339	1,490	1,470	1,316	1,283
<b>75 TO 84</b>	456	544	636	753	829	816
<b>85+</b>	113	136	136	168	190	229

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

**THERE WILL BE  
APPROXIMATELY 33,338  
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)**

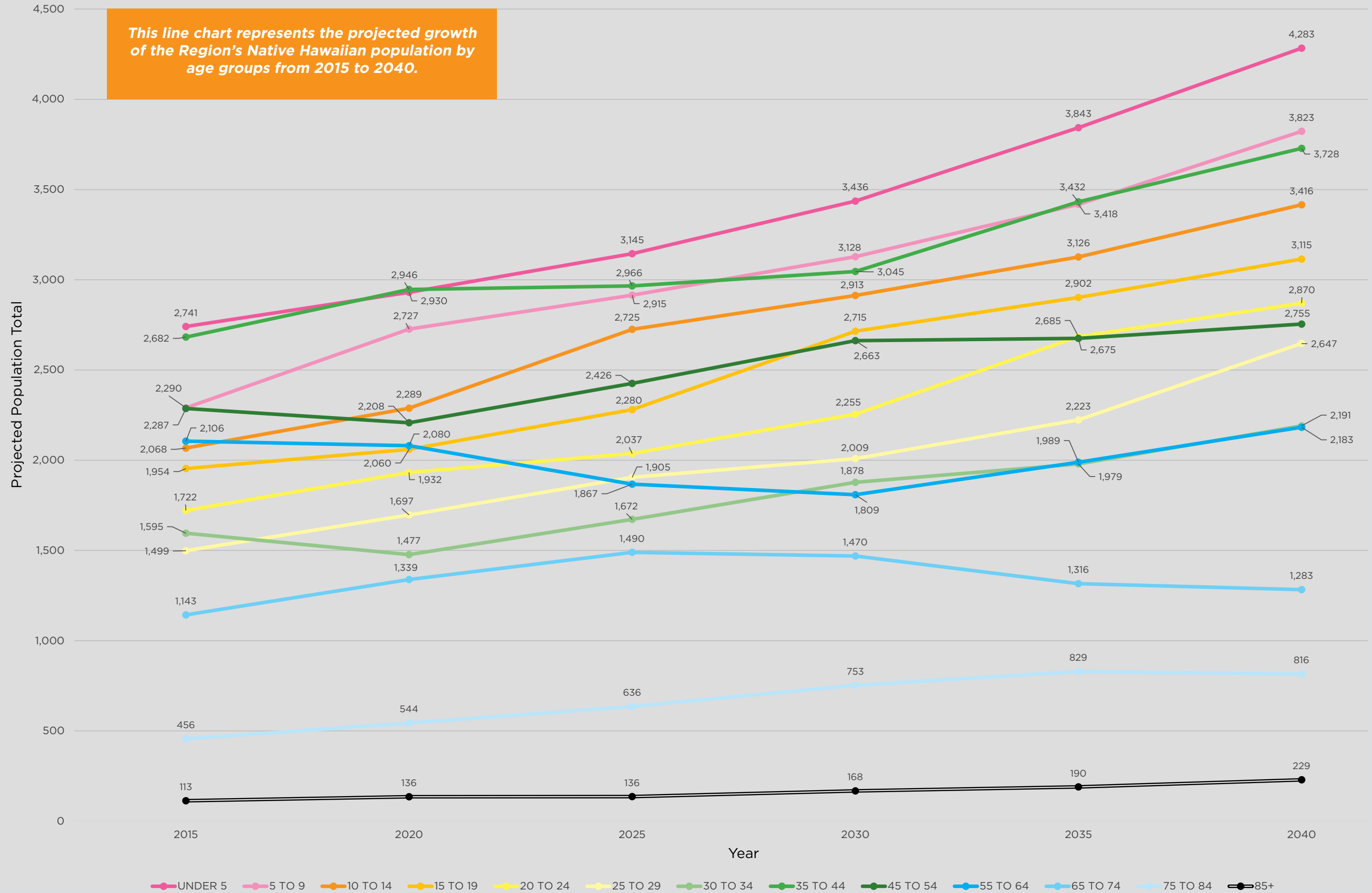


Source: US Census Bureau, 2010 Census; data compiled by Strategy & Innovations Group (S&I), Kamehameha Schools.



# 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).

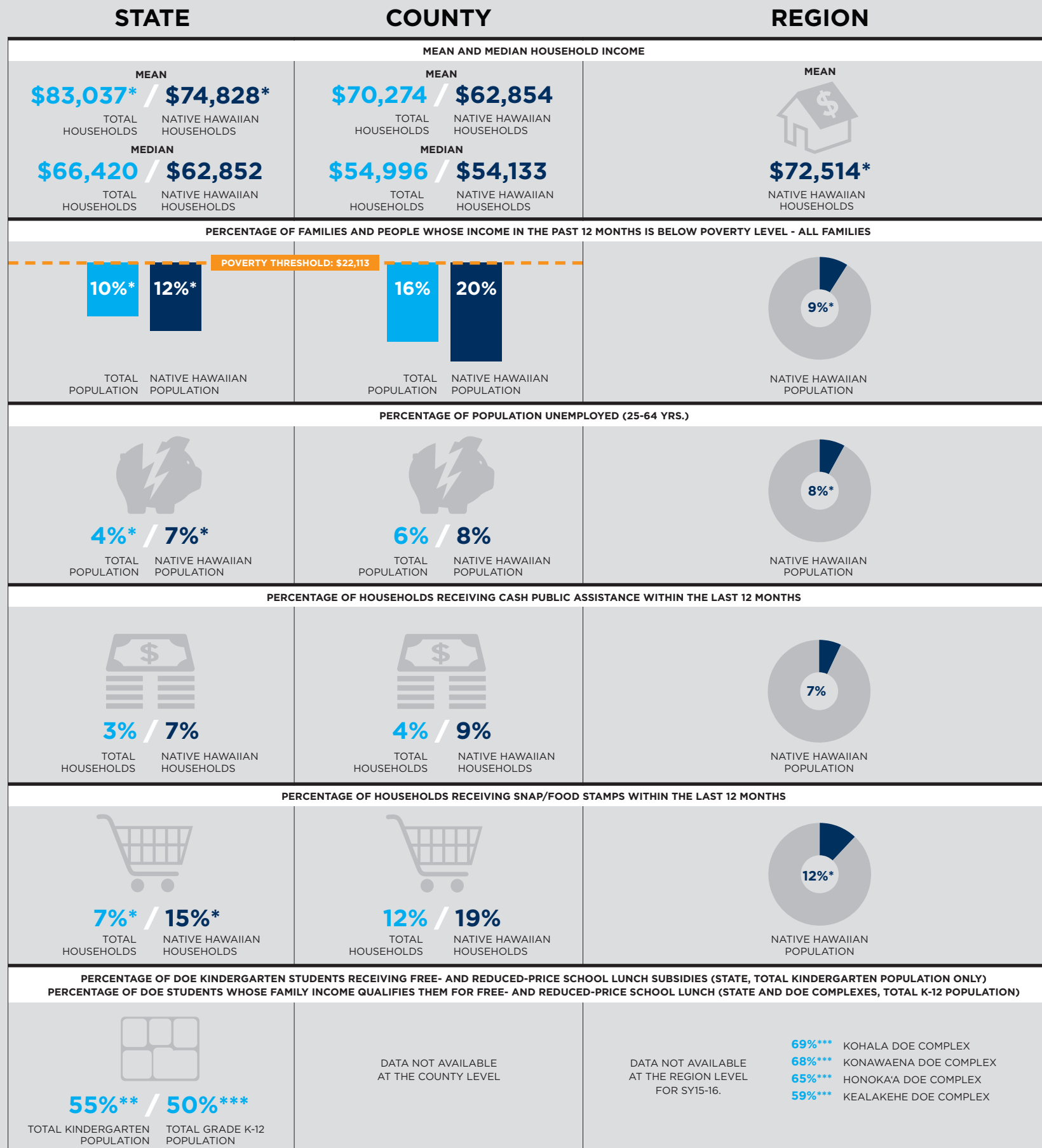
## SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP)

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

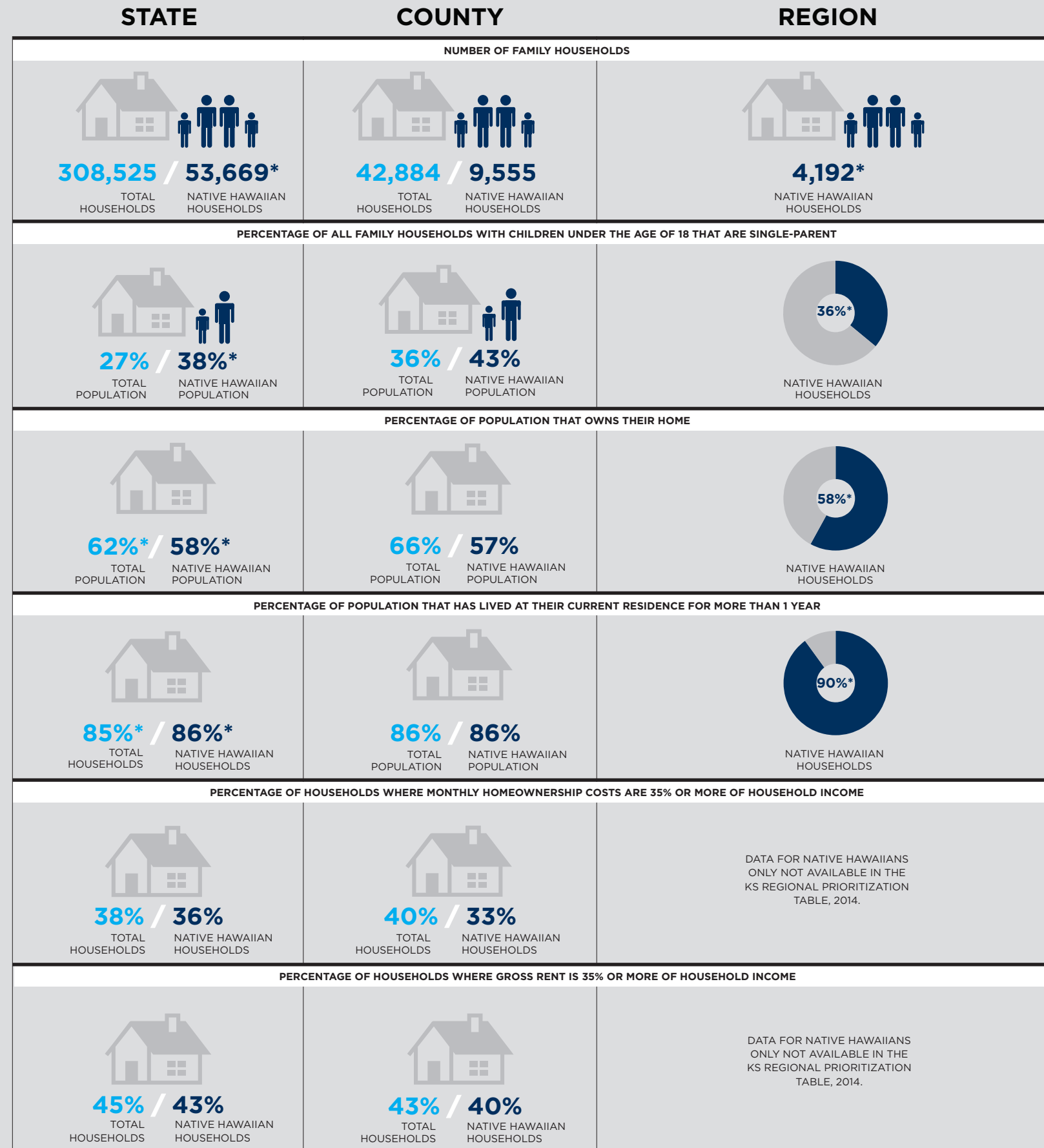
Percentage of population that has lived at their current residence for more than one year.

## 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)

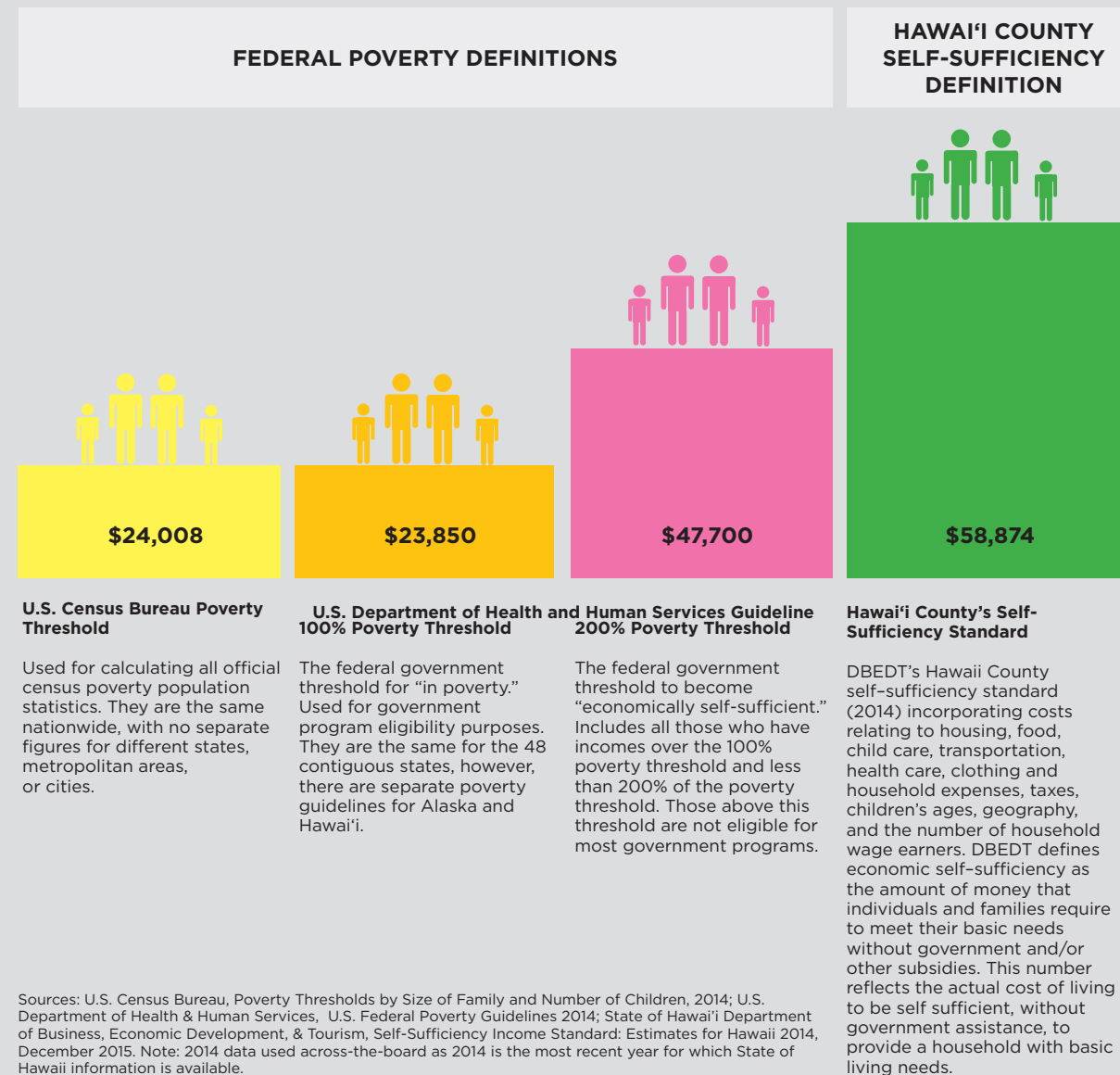
## POVERTY, LIVEABLE INCOME, & SELF-SUFFICIENCY

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

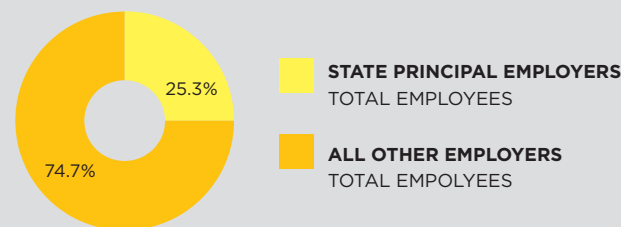
A variety of select employment data is included on this and the following page to provide an overview of current large industries and employers in the State and County. This page includes data on principle employers across both the State and County and the industries in the County with the most employees. 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)**

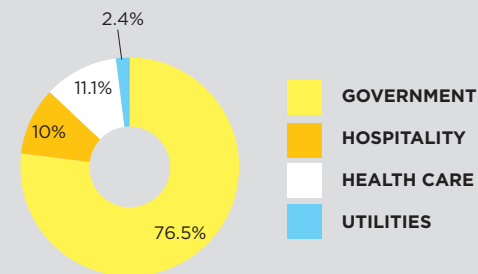
Rank	Top Ten Employers (descending order)	Employees	% of Total State Employment
1	State Government	74,500	11.4%
2	Federal Government	33,200	5.1%
3	Local Governments	18,900	2.9%
4	The Queen's Health Systems	7,278	1.1%
5	Hawai'i Pacific Health	6,617	1.0%
6	Hawaiian Holdings, Inc. (Hawaiian Airlines, Inc.)	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%
<b>Top Ten State Employers: Total Employees</b>		<b>165,292</b>	<b>25.3%</b>

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)**



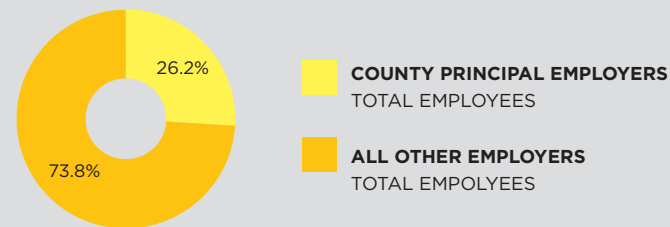
Source: City and County of Honolulu CAFR (2016). Table 13: Principal Employers, State of Hawai'i, Fiscal Years 2006-2015 (unaudited).

**TABLE 6: Principal Employers in the County (2015)**

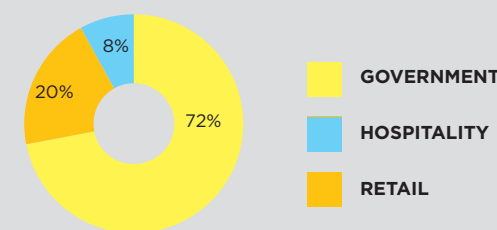
Rank	Top Ten Employers (descending order)	Employees	% of Total County Employment
1	State of Hawai'i	8,300	12.5%
2	County of Hawai'i	2,800	4.2%
3	United States Government	1,300	2.0%
4	Four Seasons Resort Hualālai	1,000	1.5%
5	Hilton Waikoloa Village	850	1.3%
6	KTA Super Stores	750	1.1%
7	The Fairmont 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%
<b>Top Ten County Employers: Total Employees</b>		<b>17,327</b>	<b>26.2%</b>

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)**



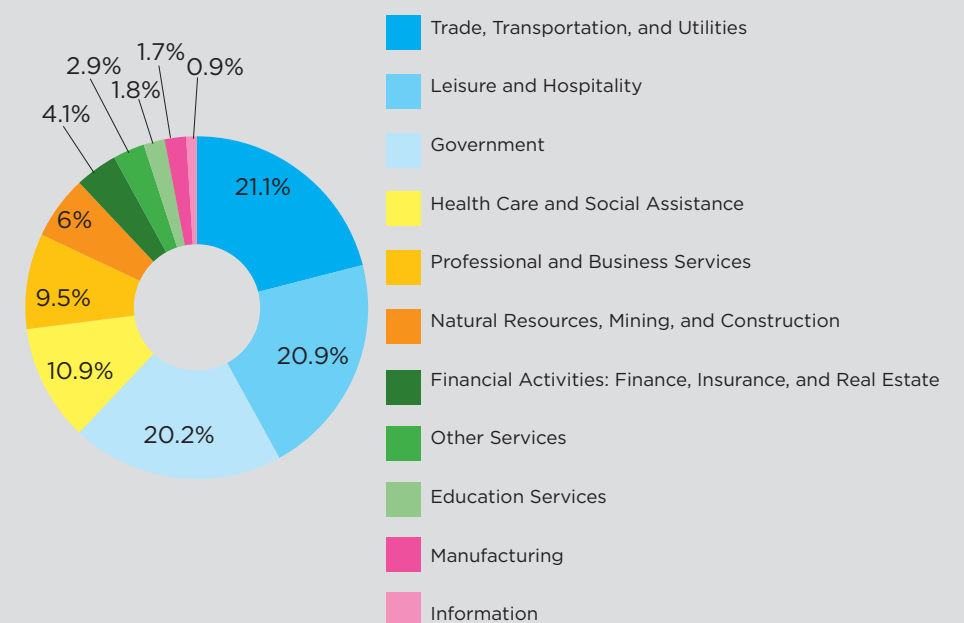
Source: County of Hawai'i, Comprehensive Annual Financial Report, 2015.

**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
<b>Total Jobs in the County</b>	<b>65,400</b>

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
<b>Subtotal</b>			<b>90</b>
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
<b>Subtotal</b>			<b>90</b>
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
<b>Subtotal</b>			<b>780</b>
<b>Total</b>			<b>960</b>

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.

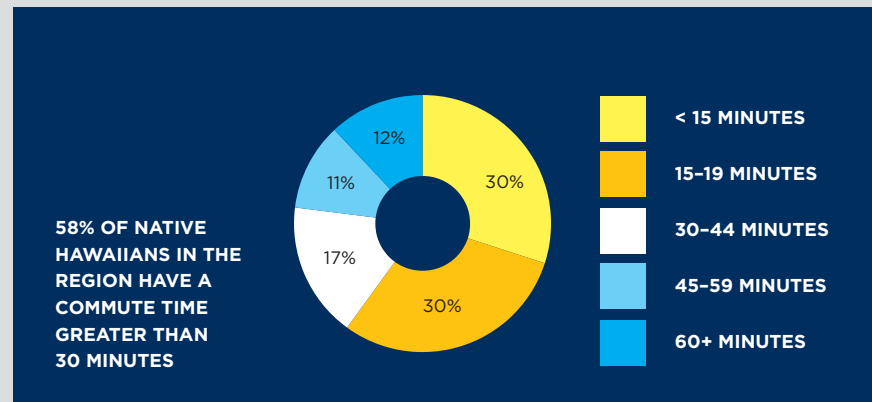
# MATERIAL & ECONOMIC WELLBEING (CONT'D)

## 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		Distance (miles)	5pm Rush Hour Drive Time		Distance (miles)
	To Kea'au/KSH	To Kea'au/KSH		To Kailua-Kona	From Kailua-Kona	
Honoka'a	76	80	51.4	75	77	53.6
Waimea	89	90	65.9	54	56	39.3
Hāwī	127	128	87.1	67	70	52.8
Kawaihae	109	110	82.6	45	48	35.2
Waikoloa	88	89	67.4	41	42	31.1
Kailua-Kona	112	114	83.2			
Keauhou	123	127	89.7	15	16	7.3
Captain Cook	133	136	94.4	24	25	11.9
Miloli'i	115	116	85.2	74	74	38

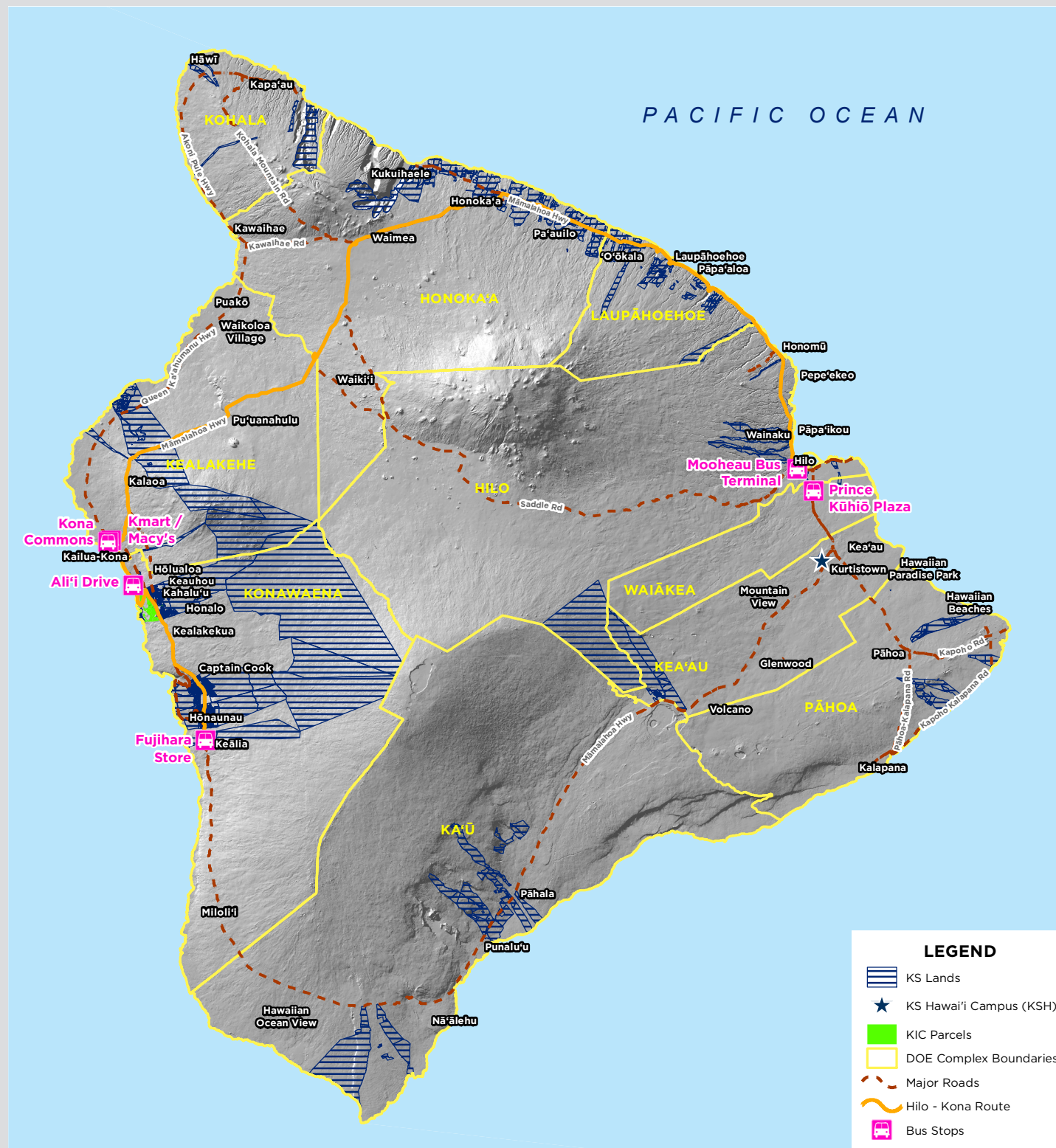
Source: Driving Distances and Times Source: ArcGIS' Connect Origins to Destinations Tool, 2017.



# 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'ōheau Bus Terminal	3hrs, 30min
Bus 3	4:00 pm	Kona Commons	7:00 pm	Mo'ōheau Bus Terminal	3 hrs
Hilo to Kona					
	First Stop		Last Stop		Travel Time
	Time	Location	Time	Location	
Bus 1	3:40 am	Mo'ōheau 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: Hawaii 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.

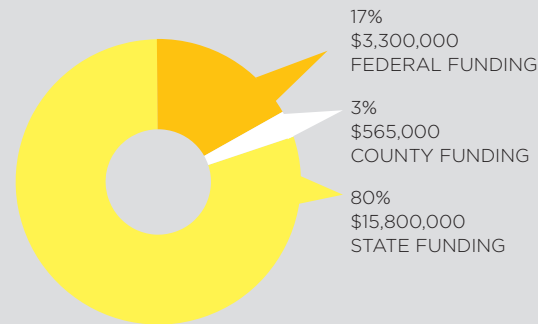
**IN THE 2015 FISCAL YEAR, NATIVE HAWAIIANS WERE THE LARGEST DEMOGRAPHIC OF RECIPIENTS FOR SHELTER PROGRAM SERVICES, FOLLOWED BY CAUCASIANS—30% AND 27%, RESPECTIVELY.**

**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.**

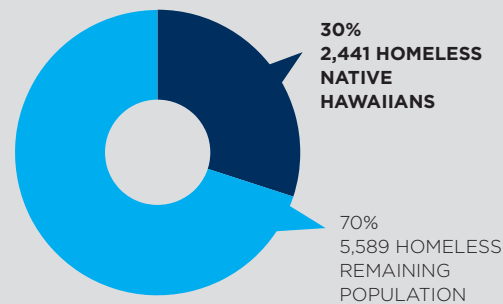
■ NATIVE HAWAIIAN POPULATION  
■ REMAINING POPULATION

### STATEWIDE DATA

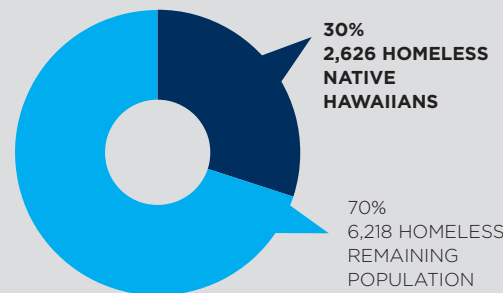
**FIGURE 13: Statewide Government Funding for Homeless Programs (2013)**



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

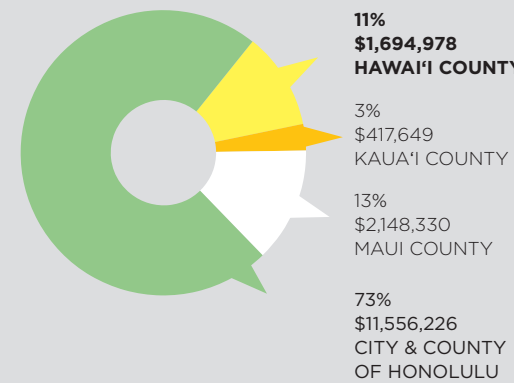


**FIGURE 15: Statewide Homeless Individuals Served by Shelter Programs (2015)**

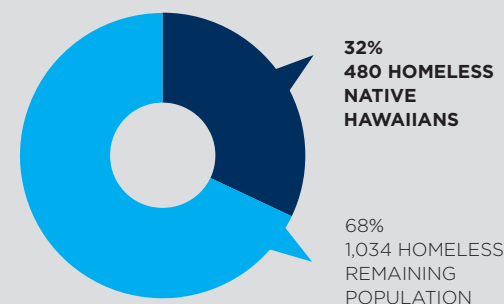


### COUNTY DATA

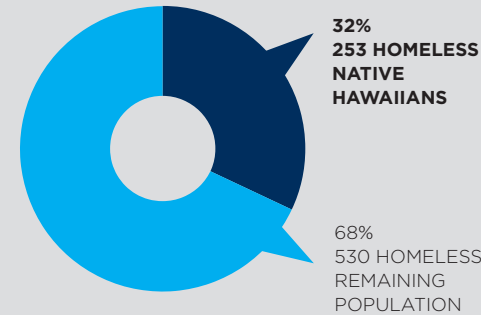
**FIGURE 16: County Distribution of State Funding for Homeless Support Programs (2013)**



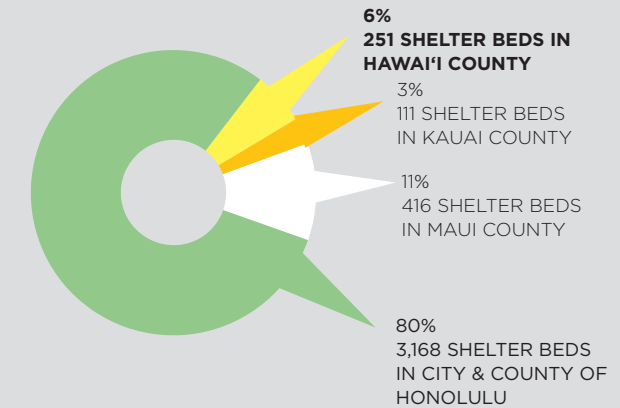
**FIGURE 17: County Homeless Individuals Served by Outreach Programs (2015)**



**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.

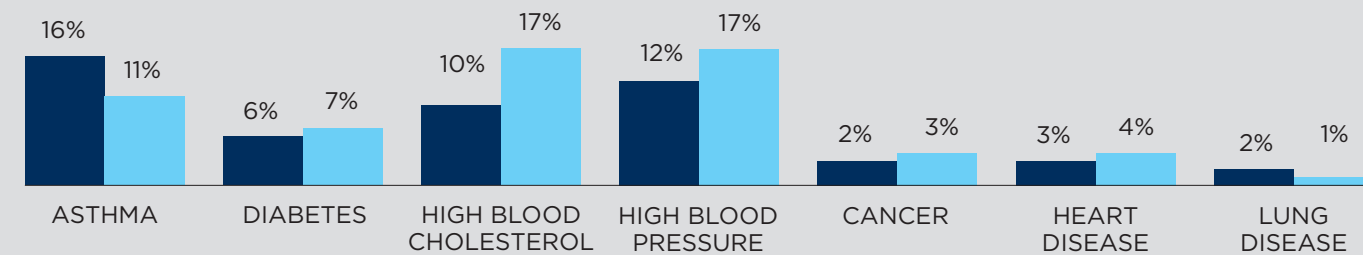
**TABLE 13: Statewide Health Indicators by Age Group (2012)**

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

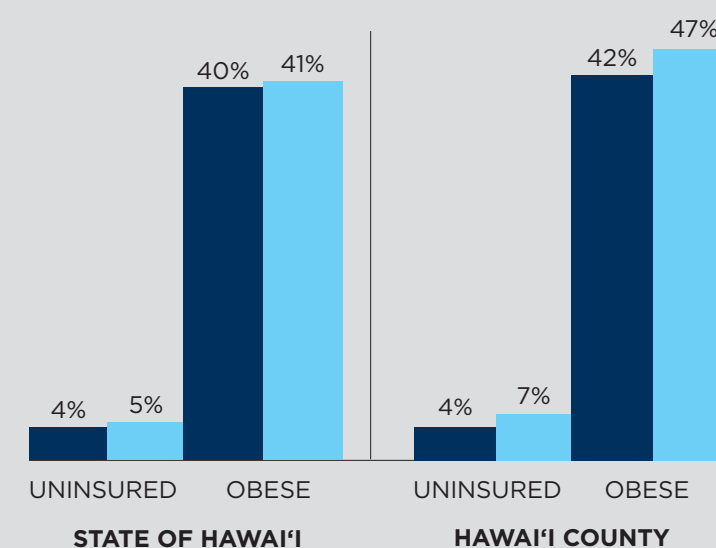
Note: "\*" Indicates the number of cases in sample numerator (<10) or sample denominator (<50) too small for reliability or if adjacent cells can be calculated, the numbers are not presented.  
Source: State of Hawaii, Department of Health, Hawaii Health Survey (HHS), 2012 Survey Report Data, <http://health.hawaii.gov/hhs/hawaii-health-survey-2012/>, 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	5,279	74.0%	13,698	76.6%
Non-parental	1,859	26.0%	4,196	23.4%
<b>Total</b>	<b>7,138</b>	<b>100%</b>	<b>17,894</b>	<b>100%</b>

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.

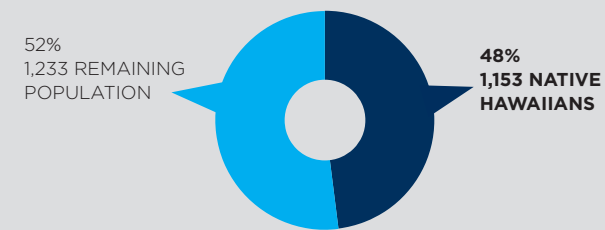
**TABLE 16: Selected State of Hawai'i Foster Care System Statistics, FY 2010-2015**

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	<b>2,386</b>
<b>Ages of Children In Foster Care</b>						
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](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](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	122	44.7%
Rest of Population Children	151	55.3%
<b>Total Children</b>	<b>273</b>	<b>100.0%</b>

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/](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	Native Hawaiian	NHOPI	Total Population	Native Hawaiian	NHOPI	Total Population	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%
<b>Total</b>	<b>2,040</b>	<b>455</b>	<b>22%</b>
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](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)**



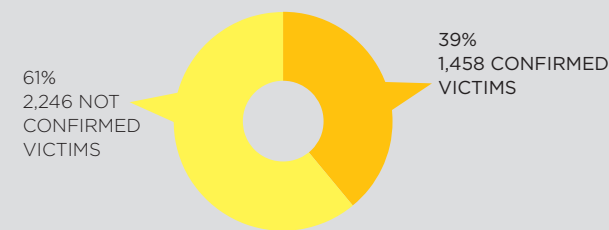
CPS INTAKES

**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%
<b>Total</b>	<b>3,704</b>	<b>884</b>	<b>24%</b>
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](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)**



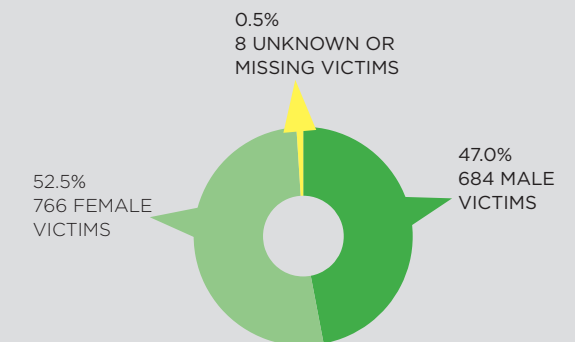
CPS CONFIRMED VICTIMS

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

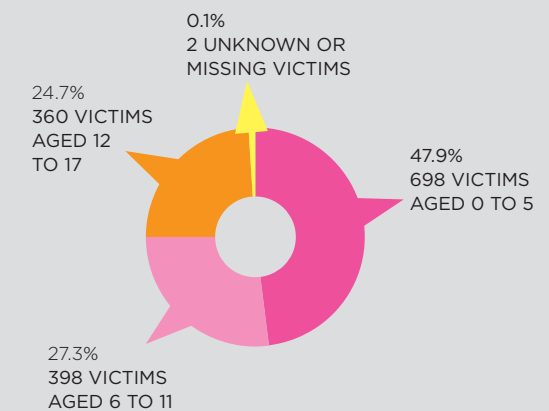
Race	Children (duplicated count)				
	2011	2012	2013	2014	2015
Native Hawaiian	582	607	567	600	715
Remaining Population	842	785	762	806	853
<b>Total</b>	<b>1,424</b>	<b>1,392</b>	<b>1,329</b>	<b>1,406</b>	<b>1,568</b>

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](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 West Hawai'i Region										Hawai'i County		State	
	North Kona		South Kona		North Kohala		South Kohala		Hāmākua		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	Number of Children	Percentage of Children	Number of Children	Percentage of Children				
Alcohol abuse	**	ND	**	ND	**	ND	**	ND	**	ND	11	1.9%	56	2.9%
Broken family	**	ND	1	5.3%	**	ND	**	ND	**	ND	11	1.9%	24	1.3%
Chronic family violence	**	ND	**	ND	**	ND	**	ND	**	ND	24	4.0%	63	3.3%
Drug abuse	2	9.1%	**	ND	**	ND	**	ND	1	25.0%	91	15.3%	326	17.1%
Family discord	**	ND	**	ND	**	ND	**	ND	**	ND	9	1.5%	27	1.4%
Heavy continuous child care responsibility	2	9.1%	1	5.3%	4	25.0%	**	ND	1	25.0%	34	5.7%	82	4.3%
Inability to cope with parenting responsibility	7	31.8%	5	26.3%	4	25.0%	3	33.3%	1	25.0%	134	22.6%	439	23.0%
Inadequate housing	**	ND	**	ND	**	ND	**	ND	**	ND	10	1.7%	42	2.2%
Incapacity due to handicap/chronic illness	**	ND	**	ND	**	ND	**	ND	**	ND	1	0.2%	2	0.1%
Insufficient income/misuse of income	**	ND	**	ND	**	ND	**	ND	**	ND	**	ND	14	0.7%
Lack of tolerance to child's behavior	4	18.2%	4	21.1%	**	ND	**	ND	**	ND	26	4.4%	74	3.9%
Loss of control during discipline	2	9.1%	4	21.1%	**	ND	**	ND	**	ND	24	4.0%	66	3.5%
Mental health problem	**	ND	**	ND	**	ND	**	ND	1	25.0%	18	3.0%	57	3.0%
Mental retardation	**	ND	**	ND	**	ND	**	ND	**	ND	1	0.2%	1	0.1%
New baby in home/pregnancy	**	ND	**	ND	**	ND	**	ND	**	ND	16	2.7%	50	2.6%
Normal authoritarian discipline	**	ND	**	ND	4	25.0%	**	ND	**	ND	4	0.7%	4	0.2%
Parental history of abuse as a child	**	ND	**	ND	**	ND	**	ND	**	ND	8	1.3%	21	1.1%
Physical abuse of spouse/fighting	**	ND	**	ND	**	ND	3	33.3%	**	ND	33	5.6%	137	7.2%
Police/court record (excluding traffic)	**	ND	**	ND	**	ND	3	33.3%	**	ND	13	2.2%	33	1.7%
Recent relocation	**	ND	**	ND	**	ND	**	ND	**	ND	1	0.2%	7	0.4%
Social isolation	**	ND	**	ND	**	ND	**	ND	**	ND	**	ND	1	0.1%
Unacceptable child rearing method	5	22.7%	4	21.1%	4	25.0%	**	ND	**	ND	125	21.0%	386	20.2%
<b>Total confirmed child victims (duplicate count)</b>	<b>22</b>	<b>100%</b>	<b>19</b>	<b>100%</b>	<b>16</b>	<b>100%</b>	<b>9</b>	<b>100%</b>	<b>4</b>	<b>100%</b>	<b>594</b>	<b>100%</b>	<b>1,912</b>	<b>100%</b>

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)

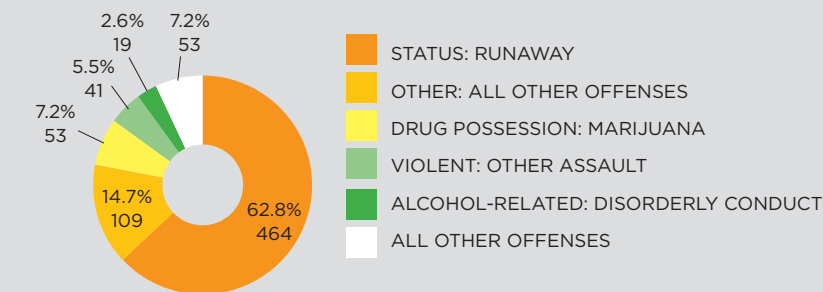
## ARRESTS

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.

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%
<b>Total</b>	<b>46</b>	<b>100%</b>	<b>118</b>	<b>100%</b>

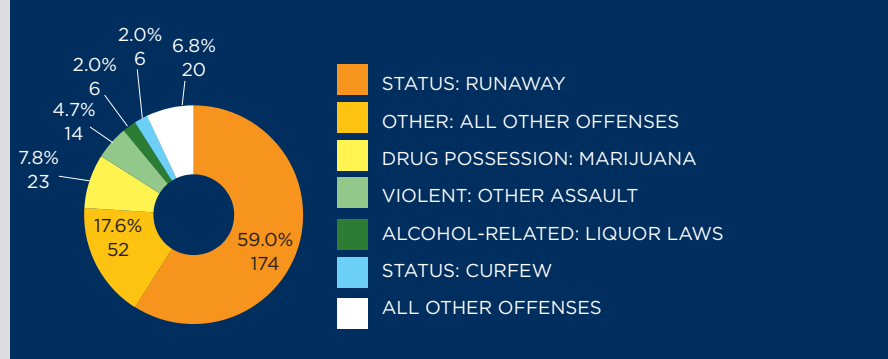
Note: Rows were deleted if no one was arrested for that offense.  
Source: Crime Prevention & Justice Assistance Division, Research & Statistics Branch: Crime in Hawaii, 2015.

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



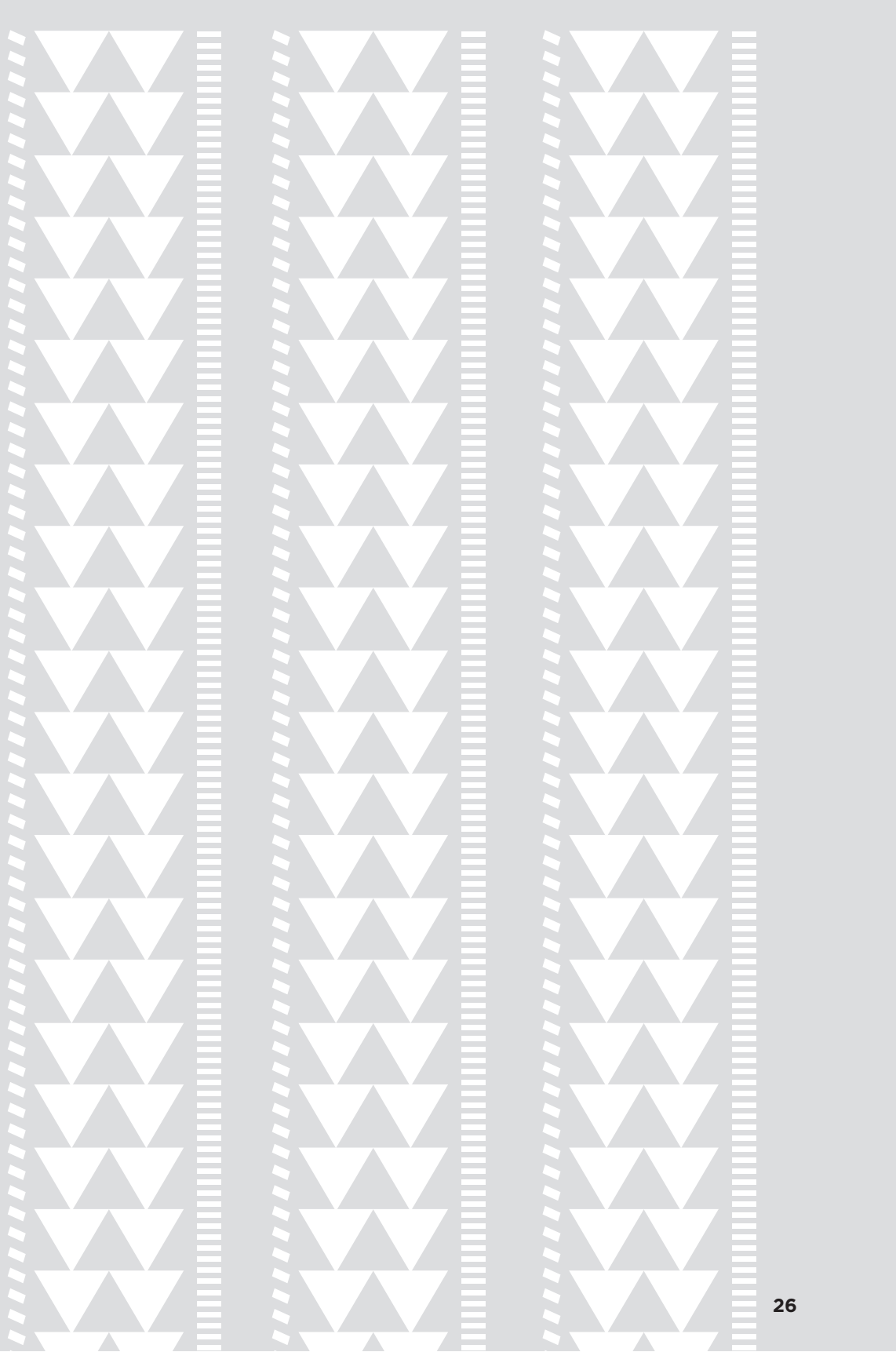
Source: Crime Prevention & Justice Assistance Division, Research & Statistics Branch: Crime in Hawaii, 2015.

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
<b>Total</b>	<b>700</b>	<b>100%</b>	<b>14.6%</b>	<b>3,900</b>	<b>100%</b>	<b>10.5%</b>	<b>200</b>	<b>100%</b>	<b>5.0%</b>	<b>1,200</b>	<b>100%</b>	<b>3.4%</b>

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
<b>Total</b>	<b>40</b>	<b>59,554</b>	<b>6.7</b>	<b>183</b>	<b>202,674</b>	<b>9.0</b>

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
<b>Total</b>	<b>20</b>	<b>374</b>	<b>752</b>

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

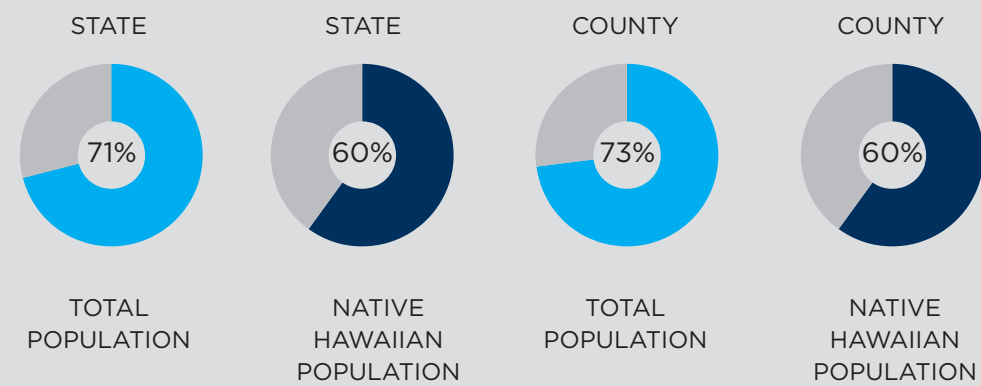
Hawai‘i is the only State in the U.S. with a native language designated as one of its official State languages. In 1984, the first ‘Aha Pūnana Leo Hawaiian language immersion preschool opened its doors in Kekaha, Kaua‘i. Today, the organization has 11 sites throughout the State on the islands of Hawai‘i, 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.).

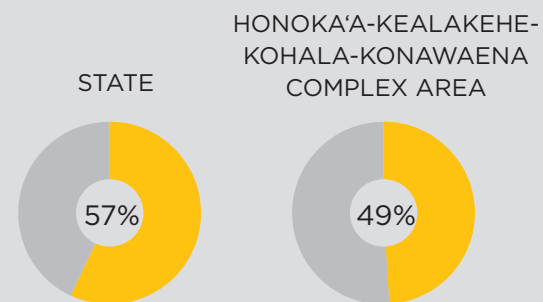
The ‘ohana enters into the school as a learning unit in its family-based model. Other Native Hawaiian-focused ECE programs, such as family-child interaction learning programs are also rooted in this family-based model. These programs provide curriculum for both children and their guardians, so that the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



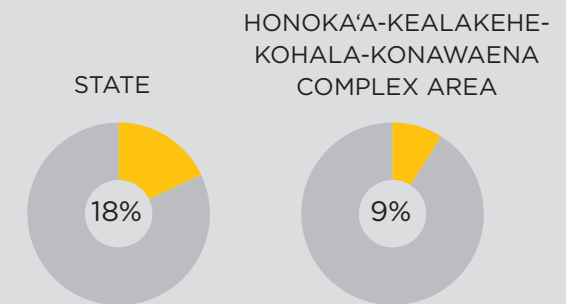
**FIGURE 34: Preschool Attendance of DOE Kindergarteners (SY13-14)**



Percentage of DOE Kindergarteners who attended Preschool

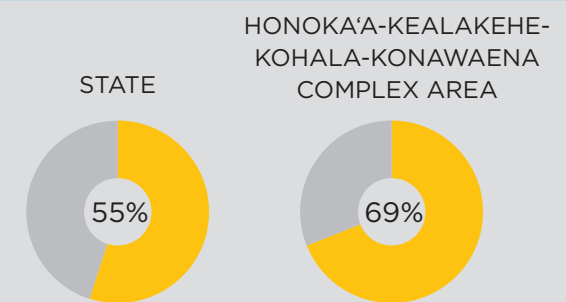
Source (top left): US Census Bureau, 2010 Census.  
Source (all others): DOE HSSRA, SY13-14.

**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.

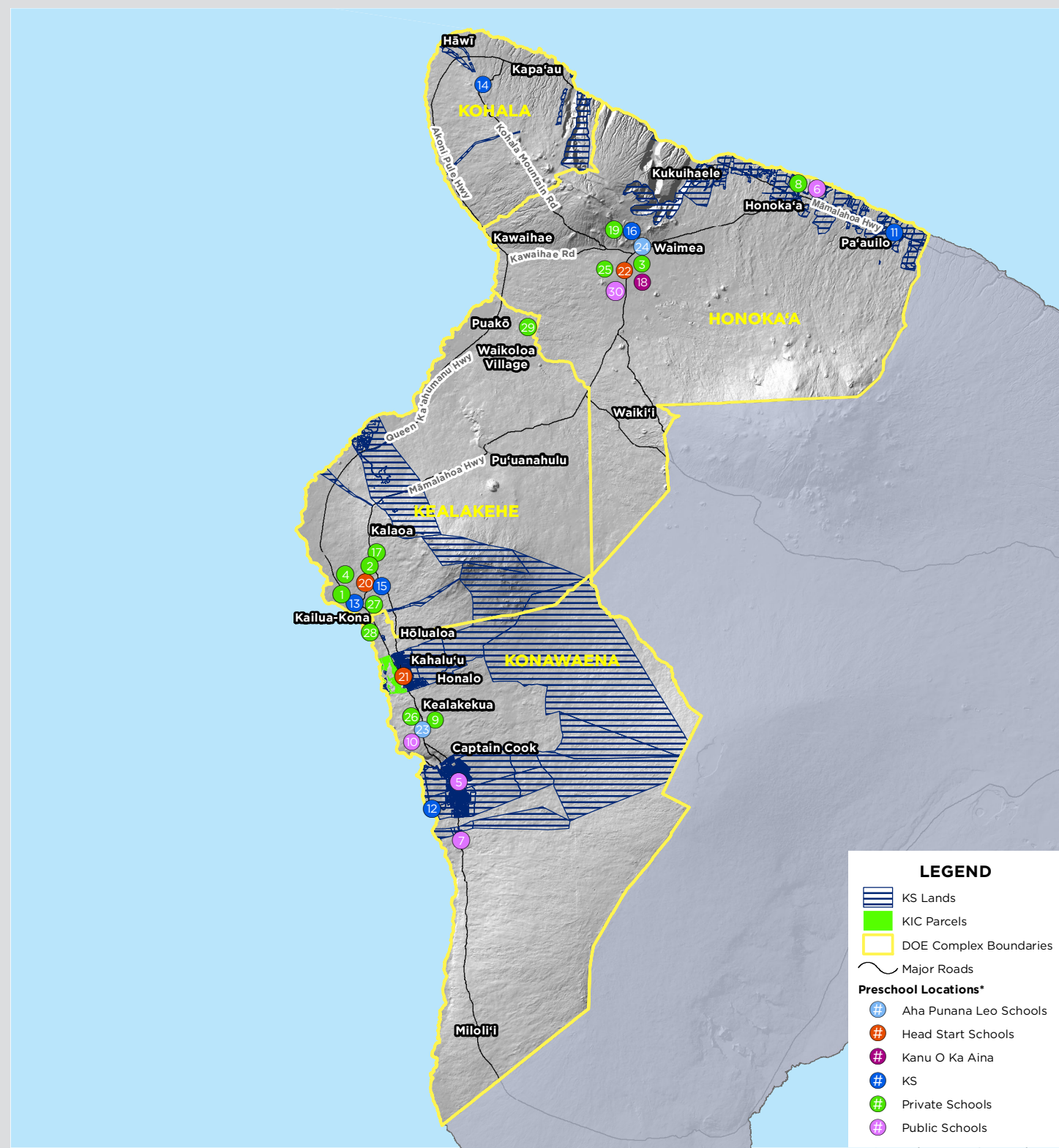
# READY FOR KINDERGARTEN (CONT'D)

## 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
	<b>'Aha Pūnana Leo</b>	<b>2</b>
23	Pūnana Leo O Kona	
24	Pūnana Leo O Waimea	
	<b>DOE Pre-Kindergarten Sites (4 Years)</b>	<b>5</b>
5	Hōnaunau Preschool*	
6	Honoka'a Elementary*	
7	Ho'okena Elementary*	
10	Konawaena Elementary*	
30	Waimea Preschool*	
	<b>Head Start Programs</b>	<b>3</b>
20	PACT Head Start Kealakehe Elementary	
21	PACT Head Start Keauhou	
22	PACT Head Start Waimea Elementary	
	<b>Kanu O Ka 'Āina Preschools</b>	<b>1</b>
18	Mālamapoki'i Early Childhood Education Program	
	<b>KS Preschools</b>	<b>6</b>
11	KS Hāmākua Preschool	
12	KS Hōnaunau Preschool	
13	KS Kailua-Kona Preschool	
14	KS Kohala Preschool	
15	KS Kona Preschool	
16	KS Waimea Preschool	
	<b>Private Preschools</b>	<b>13</b>
1	Alaka'i Academy	
2	Creative Day Preschool, Inc.	
3	Hawai'i Montessori Schools; Kamuela Campus -Pre-school Program	
4	Hawai'i Montessori Schools; Kona Campus - Preschool Program	
8	Ka Hale O Nā Keiki	
9	Kona Hongwanji Preschool	
17	Makua Lani Christian Academy; 4 Yr Old Kindergarten Program*	
19	Montessori Education Center Of Hawai'i	
25	Small World Preschool	
26	Son Shine Preschool & Day Care Center	
27	The Salvation Army Ohana Keiki Day Care Center	
28	University Of The Nations Preschool	
29	Waikoloa Baptist Keikiland	

MAP 9: Early Childhood Educational Institutions in the Region



**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.

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.

# 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
<b>NUMBER OF SCHOOLS IN THE REGION</b>		
19	6	6
<b>TOTAL STUDENT ENROLLMENT</b>		
9,681 SY15-16	1,569 SY15-16	1,332 SY16-17
<b>NATIVE HAWAIIAN STUDENT ENROLLMENT</b>		<b>NATIVE HAWAIIAN OR PACIFIC ISLANDER STUDENT ENROLLMENT</b>
3,136 SY15-16	703 SY15-16	50 SY11-12
		<b>TUITION RANGE</b>
		\$4,500-\$24,800 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.  
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.

## 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
<b>Hawaiian Language Immersion Schools</b>								
Pūnana Leo o Kona	Preschool							
Pūnana Leo o Waimea	Preschool							
Ke Kula 'O 'Ehunuikaimalino			K-12					
<b>Hawaiian-Focused Charter Schools</b>								
Kanu o Ka 'Āina New Century PCS			K-12					
<b>Conventional Charter Schools</b>								
Innovations PCS			K-8					
Kona Pacific PCS			K-8					
Hawai'i Technology Academy PCS			K-12					
Waimea Middle PCCS				6-8				
West Hawai'i Explorations Academy PCS				6-12				

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](http://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
Hawai'i Preparatory Academy	Honoka'a	K-12	COED	\$19,200 - \$24,800	615	12.3
Kohala Mission School	Kohala	K-8	COED	\$4,500	27	13.5
Kona Adventist School	Konawaena	K-8	COED	\$4,500	22	11.0
Mākua Lani Christian Academy	Kealakehe	PK-12	COED	\$6,915 - \$8,714	292*	14.6
Parker School	Honoka'a	K-12	COED	\$13,025 - \$14,775	328	9.9
Waimea Country School	Honoka'a	K-6	COED	\$10,100	48	16.0
<b>Total</b>					<b>1,332</b>	

Note: \*Mākua Lani Christian Academy has three campuses: Elementary, Middle, and High. Note that the enrollment data is for the High School only as the enrollment for the Elementary and Middle Schools was not reported.  
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
Hawai'i Preparatory Academy	611	11	1.8%
Kohala Mission School	16	10	62.5%
Kona Adventist School	31	9	29.0%
Mākua Lani Christian Academy	81*	6*	7.4%
Parker School	251	14	5.6%
Waimea Country School	41	0	0.0%

Note: \*Mākua Lani Christian Academy has three campuses: Elementary, Middle, and High. Note that the enrollment data is for the High School only as the enrollment for the Elementary and Middle Schools was not reported.  
Source: ProximityOne n.d.

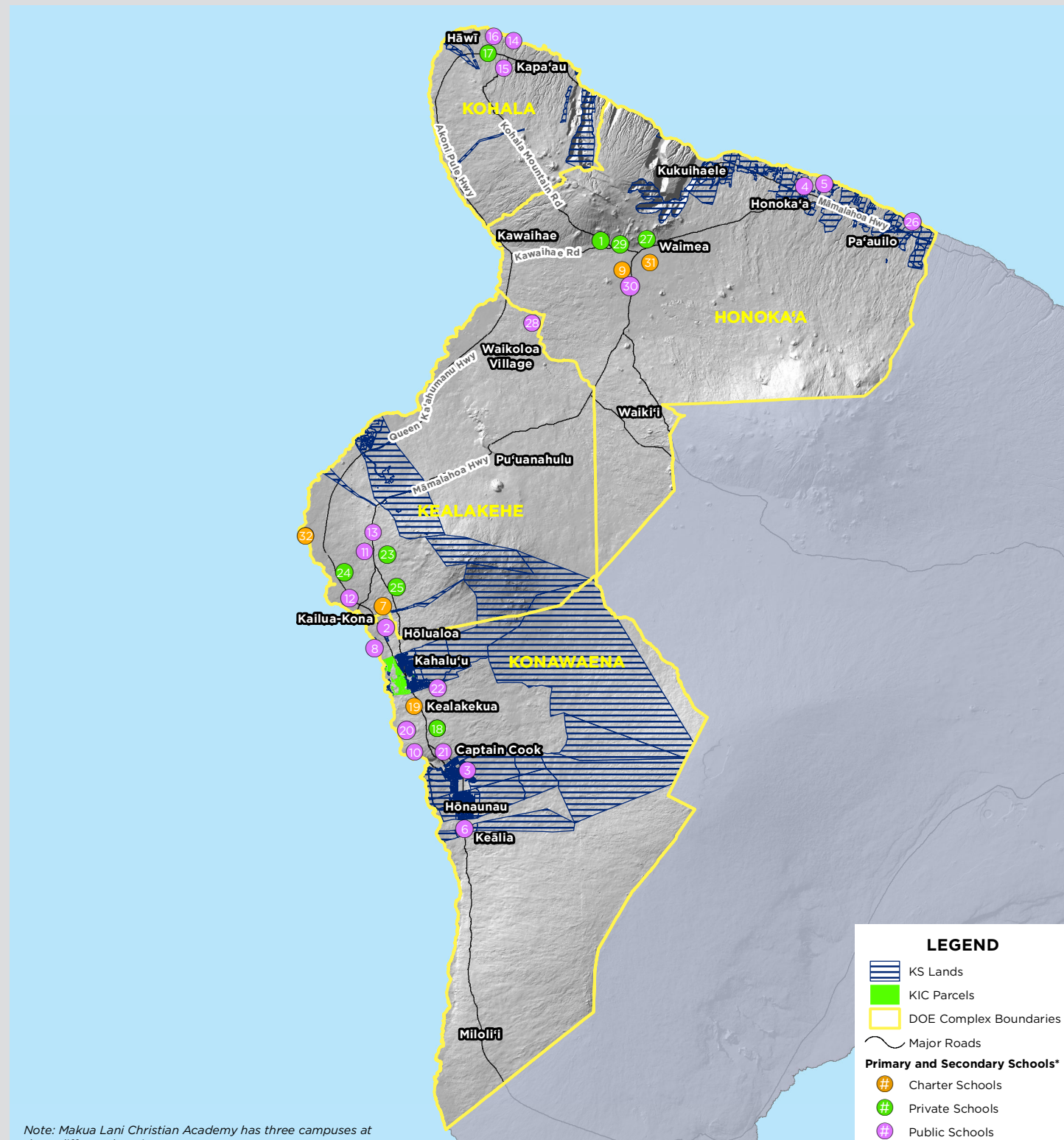
# K-12 (CONT'D)

## ELEMENTARY AND SECONDARY EDUCATIONAL INSTITUTIONS IN THE REGION

**TABLE 33: Elementary and Secondary Educational Institutions in the Region**

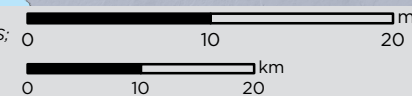
Map Number	Elementary and Secondary Educational Institutions	Number of Schools
<b>DOE Elementary and Secondary</b>		<b>12</b>
2	Hōlualoa Elementary	
3	Hōnaunau Elementary*	
4	Honoka'a Elementary*	
6	Ho'okena Elementary*	
8	Kahakai Elementary	
10	Ke Kula 'O 'Ehunuikaimalino**	
11	Kealakehe Elementary	
14	Kohala Elementary	
20	Konawaena Elementary*	
26	Pa'auilo Elementary and Intermediate**	
28	Waikoloa Elementary and Middle**	
30	Waimea Elementary*	
<b>DOE Intermediate and High</b>		<b>10</b>
5	Honoka'a High and Intermediate	
10	Ke Kula 'O 'Ehunuikaimalino**	
12	Kealakehe High	
13	Kealakehe Intermediate	
15	Kohala High	
16	Kohala Middle	
21	Konawaena High	
22	Konawaena Middle	
26	Pa'auilo Elementary and Intermediate**	
28	Waikoloa Elementary and Middle**	
<b>Charter</b>		<b>5</b>
7	Innovations PCS	
9	Kanu o ka 'Āina New Century PCS	
19	Kona Pacific PCS	
31	Waimea Middle PCCS	
32	West Hawai'i Explorations Academy PCS	
<b>Private</b>		<b>6***</b>
1	Hawai'i Preparatory Academy	
17	Kohala Mission School	
18	Kona Adventist Christian School	
23	Mākua Lani Christian Academy Elementary School Campus*	
24	Mākua Lani Christian Academy High School Campus	
25	Mākua Lani Christian Academy Middle School Campus	
27	Parker School	
29	Waimea Country School	

**MAP 10: Elementary and Secondary Educational Institutions in the Region**



Note: Makua Lani Christian Academy has three campuses at three different locations.

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.



**LEGEND**

- KS Lands
- KIC Parcels
- DOE Complex Boundaries
- Major Roads

**Primary and Secondary Schools\***

- Charter Schools
- Private Schools
- Public Schools

\*Locations are Approximate

**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, Ke Kula 'O 'Ehunuikaimalino, Pa'auilo Elementary and Intermediate, and Waikoloa Elementary and Middle are listed twice.  
 Note: \*\*\*For the purposes of this table, Mākua Lani Christian Academy's three campuses are counted as one.  
 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.



SELECTED STATEWIDE DOE DATA

FIGURE 37: 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.

# WEST HAWAI'I REGION

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

## KS REGION & COMPLEX AREA

	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
West Hawai'i Region	11,244	3,984	35%	11,250	3,839	34%	857	319	37%	314	83	26%	875	362	41%	288	91	32%	854	340	40%	313	100	32%	880	386	44%	288	112	39%
Honoka'a-Kealakehe-Kohala-Konawaena Complex Area	11,244	3,984	35%	11,250	3,839	34%	857	319	37%	314	83	26%	875	362	41%	288	91	32%	854	340	40%	313	100	32%	880	386	44%	288	112	39%

	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	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	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient						
West Hawai'i Region	817	362	44%	302	116	38%	771	309	40%	296	97	33%	801	264	33%	297	80	27%	766	223	29%	291	55	19%	833	244	29%	308	58	19%	779	230	30%	297	64	22%
Honoka'a-Kealakehe-Kohala-Konawaena Complex Area	817	362	44%	302	116	38%	771	309	40%	296	97	33%	801	264	33%	297	80	27%	766	223	29%	291	55	19%	833	244	29%	308	58	19%	779	230	30%	297	64	22%

	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														
	Total		Native Hawaiian	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	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient	Total Students*	Proficient	% Proficient	NH Students**	NH Proficient	NH % Proficient
West Hawai'i Region	510	251	49%	182	74	41%	634	312	49%	247	98	40%	547	120	22%	193	24	12%	639	188	29%	248	48	19%	561	157	28%	216	43	20%
Honoka'a-Kealakehe-Kohala-Konawaena Complex Area	510	251	49%	182	74	41%	634	312	49%	247	98	40%	547	120	22%	193	24	12%	639	188	29%	248	48	19%	561	157	28%	216	43	20%

	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 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
West Hawai'i Region	785	116	15%	42	15%	785	614	78%	209	76%	643	261	41%	81	37%	623	268	43%	77	35%
Honoka'a-Kealakehe-Kohala-Konawaena Complex Area	785	116	15%	42	15%	785	614	78%	209	76%	643	261	41%	81	37%	623	268	43%	77	35%

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.

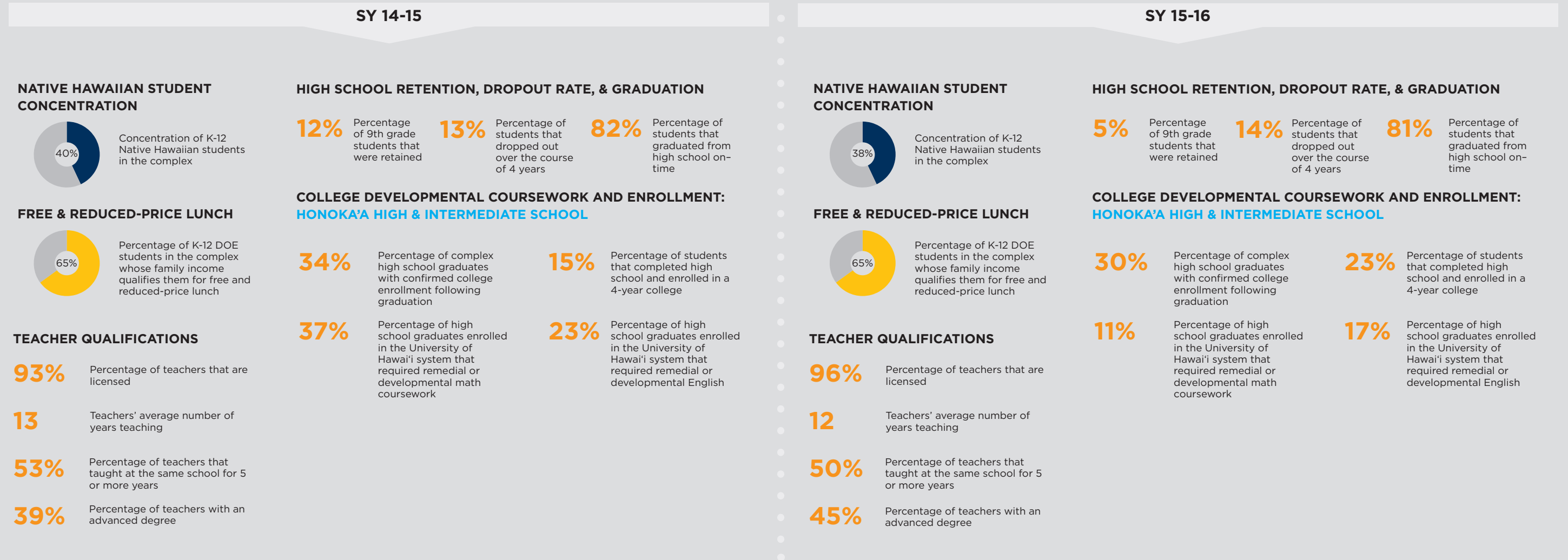
- PS Enrollment represents students who have requested confidentiality will not have National Student Clearinghouse (NSC) data.

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: HONOKA'A COMPLEX

FIGURE 39: Selected DOE Complex Data: Honoka'a 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.

# HONOKA'A 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						
<b>Honoka'a</b>	<b>2,082</b>	<b>832</b>	<b>40%</b>	<b>2,086</b>	<b>789</b>	<b>38%</b>	<b>166</b>	<b>51</b>	<b>31%</b>	<b>66</b>	<b>11</b>	<b>17%</b>	<b>170</b>	<b>69</b>	<b>41%</b>	<b>63</b>	<b>25</b>	<b>40%</b>	<b>166</b>	<b>48</b>	<b>29%</b>	<b>66</b>	<b>9</b>	<b>14%</b>	<b>171</b>	<b>70</b>	<b>41%</b>	<b>63</b>	<b>26</b>	<b>41%</b>
Honoka'a Elementary	344	103	30%	368	96	26%	49	14	29%	†	†	†	52	18	35%	†	†	†	49	15	31%	†	†	†	52	21	40%	†	†	†
Pa'auilo Elementary & Intermediate	228	79	35%	213	62	29%	21	10	48%	†	†	†	28	14	50%	†	†	†	21	10	48%	†	†	†	28	16	57%	†	†	†
Waimea Elementary	551	230	42%	559	223	40%	96	27	28%	46	8	17%	90	37	41%	39	15	38%	96	23	24%	46	5	11%	91	33	36%	39	14	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
<b>Honoka'a</b>	<b>2,082</b>	<b>832</b>	<b>40%</b>	<b>2,086</b>	<b>789</b>	<b>38%</b>	<b>177</b>	<b>69</b>	<b>39%</b>	<b>70</b>	<b>20</b>	<b>29%</b>	<b>156</b>	<b>51</b>	<b>33%</b>	<b>70</b>	<b>17</b>	<b>24%</b>
Honoka'a High & Intermediate	671	286	43%	679	282	42%	64	19	30%	†	†	†	47	17	36%	†	†	†
Pa'auilo Elementary & Intermediate	228	79	35%	213	62	29%	21	11	52%	†	†	†	17	5	29%	†	†	†
Waimea Middle Public Conversion Charter School	288	134	47%	267	126	47%	92	39	42%	40	13	33%	92	29	32%	47	12	26%

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						
<b>Honoka'a</b>	<b>178</b>	<b>45</b>	<b>25%</b>	<b>70</b>	<b>10</b>	<b>14%</b>	<b>156</b>	<b>40</b>	<b>26%</b>	<b>70</b>	<b>10</b>	<b>14%</b>	<b>179</b>	<b>58</b>	<b>32%</b>	<b>71</b>	<b>13</b>	<b>18%</b>	<b>155</b>	<b>38</b>	<b>25%</b>	<b>69</b>	<b>12</b>	<b>17%</b>
Honoka'a High & Intermediate	64	12	19%	†	†	†	47	10	21%	†	†	†	65	14	22%	†	†	†	46	4	9%	†	†	†
Pa'auilo Elementary & Intermediate	22	9	41%	†	†	†	17	6	35%	†	†	†	22	11	50%	†	†	†	17	2	12%	†	†	†
Waimea Middle Public Conversion Charter School	92	24	26%	40	7	18%	92	24	26%	47	8	17%	92	33	36%	40	9	23%	92	32	35%	46	10	22%

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.

# HONOKA'A 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
<b>Honoka'a</b>	<b>2,082</b>	<b>832</b>	<b>40%</b>	<b>2,086</b>	<b>789</b>	<b>38%</b>												
Honoka'a High & Intermediate	671	286	43%	679	282	42%	100	54	54%	44	21	48%	128	63	49%	69	29	42%

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
<b>Honoka'a</b>																		
Honoka'a High & Intermediate	80	22	28%	31	5	16%	129	33	26%	70	13	19%	125	32	26%	65	15	23%

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
<b>Honoka'a</b>																				
Honoka'a High & Intermediate	143	17	12%	11	17%	143	118	83%	51	77%	124	43	35%	14	25%	122	36	30%	8	16%

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.

## SELECTED DOE DATA: KOHALA COMPLEX

FIGURE 40: Selected DOE Complex Data: Kohala Complex

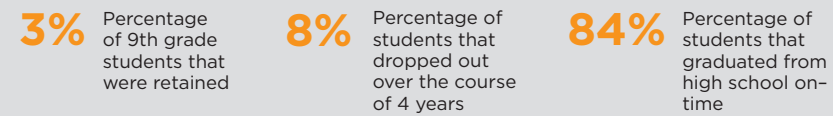
SY 14-15

SY 15-16

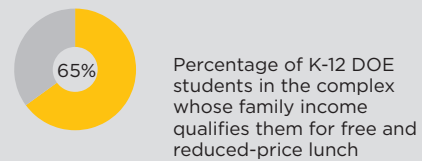
### NATIVE HAWAIIAN STUDENT CONCENTRATION



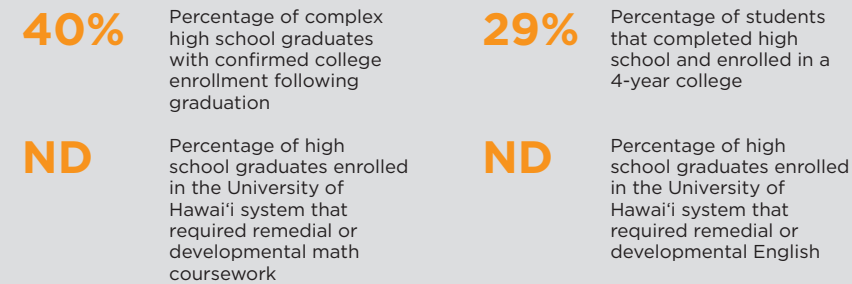
### HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



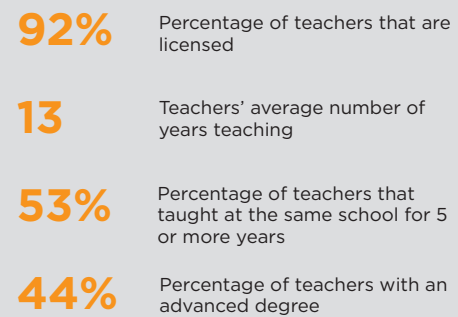
### FREE & REDUCED-PRICE LUNCH



### COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KOHALA HIGH SCHOOL



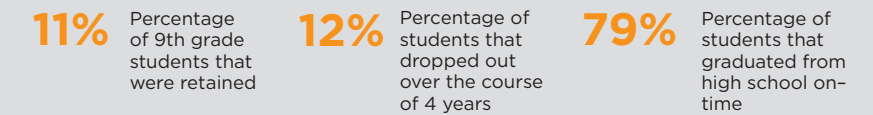
### TEACHER QUALIFICATIONS



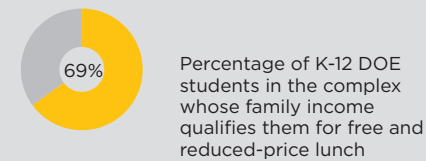
### NATIVE HAWAIIAN STUDENT CONCENTRATION



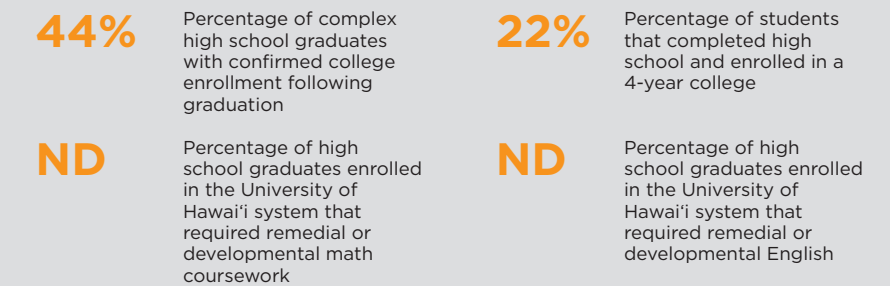
### HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



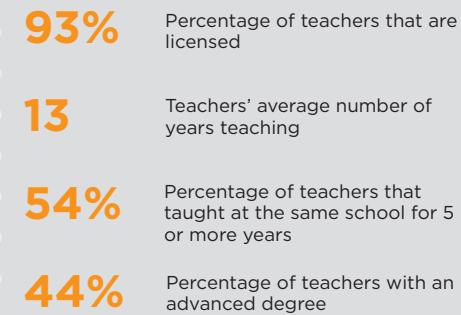
### FREE & REDUCED-PRICE LUNCH



### COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KOHALA HIGH SCHOOL



### TEACHER QUALIFICATIONS



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.

# KOHALA 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						
Kohala	799	318	40%	790	316	40%	61	18	30%	22	4	18%	56	23	41%	22	7	32%	61	16	26%	22	4	18%	56	18	32%	22	5	23%
Kohala Elementary	353	138	39%	350	123	35%	61	18	30%	22	4	18%	56	23	41%	22	7	32%	61	16	26%	22	4	18%	56	18	32%	22	5	23%

## 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
Kohala	799	318	40%	790	316	40%	52	24	46%	20	11	55%	61	32	52%	32	18	56%
Kohala Middle	181	75	41%	189	87	46%	52	24	46%	20	11	55%	61	32	52%	32	18	56%

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						
Kohala	53	22	42%	21	11	52%	60	11	18%	31	6	19%	53	18	34%	21	11	52%	60	16	27%	32	7	22%
Kohala Middle	53	22	42%	21	11	52%	60	11	18%	31	6	19%	53	18	34%	21	11	52%	60	16	27%	32	7	22%

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.

# KOHALA 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
Kohala	799	318	40%	790	316	40%	-	-	N/A	-	-	N/A	63	27	43%	31	11	35%
Kohala High	265	105	40%	251	106	42%	-	-	N/A	-	-	N/A	63	27	43%	31	11	35%

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
Kohala																		
Kohala High	64	10	16%	25	4	16%	64	13	20%	31	4	13%	13	7	54%	†	†	†

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
Kohala																				
Kohala High	63	4	6%	2	10%	63	54	86%	14	70%	55	22	40%	7	50%	63	28	44%	11	44%

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.

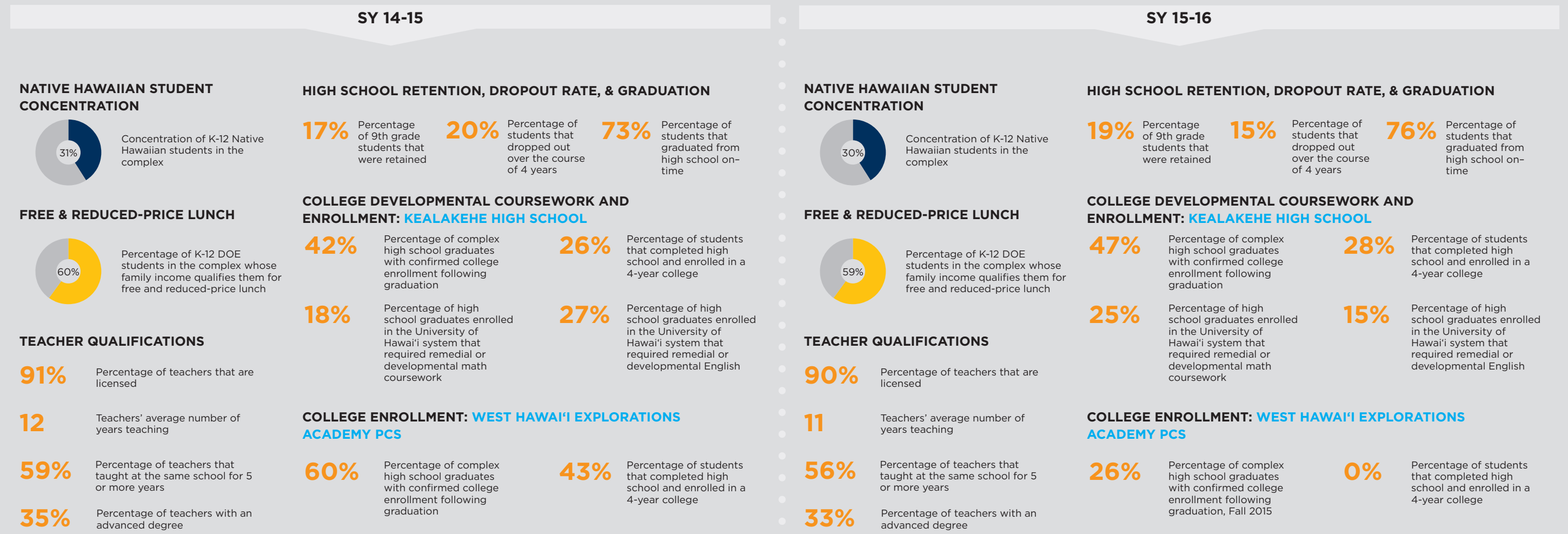
Complex level data was not available at time of request for all HS metrics except enrollment; HS Science Proficiency rates, Drop-out rates, and On-time Graduation rates for SY 15-16 were not finalized at time of request.

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



## SELECTED DOE DATA: KEALAKEHE COMPLEX

FIGURE 41: Selected DOE Complex Data: Kealakehe 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.

# KEALAKEHE 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
<b>Kealakehe</b>	<b>5,089</b>	<b>1,578</b>	<b>31%</b>	<b>5,058</b>	<b>1,510</b>	<b>30%</b>	<b>354</b>	<b>139</b>	<b>39%</b>	<b>117</b>	<b>38</b>	<b>32%</b>	<b>388</b>	<b>150</b>	<b>39%</b>	<b>119</b>	<b>28</b>	<b>24%</b>	<b>352</b>	<b>156</b>	<b>44%</b>	<b>117</b>	<b>50</b>	<b>43%</b>	<b>390</b>	<b>157</b>	<b>40%</b>	<b>119</b>	<b>41</b>	<b>34%</b>
Hölualoa Elementary	482	115	24%	490	104	21%	64	31	48%	11	4	36%	79	38	48%	19	5	26%	64	29	45%	11	1	9%	79	35	44%	19	6	32%
Innovations Public Charter School	228	53	23%	240	55	23%	25	16	64%	†	†	†	24	19	79%	†	†	†	25	16	64%	†	†	†	24	18	75%	†	†	†
Kanu 'o ka 'Āina New Century Public Charter School	307	236	77%	325	242	74%	26	15	58%	†	†	†	27	13	48%	†	†	†	26	15	58%	†	†	†	27	18	67%	†	†	†
Kealakehe Elementary	1,021	337	33%	1,030	306	30%	144	41	28%	53	14	26%	163	39	24%	57	8	14%	142	61	43%	53	28	53%	165	51	31%	57	16	28%
Waikoloa Elementary & Middle	795	154	19%	756	143	19%	95	36	38%	25	4	16%	95	41	43%	20	5	25%	95	35	37%	25	5	20%	95	35	37%	20	5	25%

## 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
<b>Kealakehe</b>	<b>5,089</b>	<b>1,578</b>	<b>31%</b>	<b>5,058</b>	<b>1,510</b>	<b>30%</b>	<b>383</b>	<b>168</b>	<b>44%</b>	<b>128</b>	<b>48</b>	<b>38%</b>	<b>343</b>	<b>145</b>	<b>42%</b>	<b>102</b>	<b>39</b>	<b>38%</b>
Innovations Public Charter School	228	53	23%	240	55	23%	34	27	79%	†	†	†	33	24	73%	11	4	36%
Kanu 'o ka 'Āina New Century Public Charter School	307	236	77%	325	242	74%	15	7	47%	†	†	†	16	14	88%	†	†	†
Kealakehe Intermediate	709	274	39%	694	259	37%	219	74	34%	81	30	37%	205	68	33%	65	19	29%
Waikoloa Elementary & Middle	795	154	19%	756	143	19%	81	37	46%	16	4	25%	52	17	33%	12	6	50%
West Hawai'i Explorations Academy Public Charter School	248	63	25%	286	68	24%	34	23	68%	12	7	58%	37	22	59%	†	†	†

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						
<b>Kealakehe</b>	<b>380</b>	<b>135</b>	<b>36%</b>	<b>127</b>	<b>38</b>	<b>30%</b>	<b>340</b>	<b>116</b>	<b>34%</b>	<b>99</b>	<b>20</b>	<b>20%</b>	<b>382</b>	<b>109</b>	<b>29%</b>	<b>127</b>	<b>20</b>	<b>16%</b>	<b>341</b>	<b>121</b>	<b>35%</b>	<b>101</b>	<b>30</b>	<b>30%</b>
Innovations Public Charter School	34	18	53%	†	†	†	32	17	53%	10	2	20%	35	17	49%	†	†	†	32	19	59%	10	2	20%
Kanu 'o ka 'Āina New Century Public Charter School	14	3	21%	†	†	†	15	4	27%	†	†	†	15	3	20%	†	†	†	16	7	44%	†	†	†
Kealakehe Intermediate	217	68	31%	81	29	36%	204	63	31%	64	11	17%	213	34	16%	80	8	10%	202	61	30%	65	19	29%
Waikoloa Elementary & Middle	81	34	42%	16	1	6%	52	14	27%	12	4	33%	85	34	40%	16	4	25%	54	15	28%	12	4	33%
West Hawai'i Explorations Academy Public Charter School	34	12	35%	12	5	42%	37	18	49%	†	†	†	34	21	62%	12	6	50%	37	19	51%	†	†	†

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.

# KEALAKEHE 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
<b>Kealakehe</b>	<b>5,089</b>	<b>1,578</b>	<b>31%</b>	<b>5,058</b>	<b>1,510</b>	<b>30%</b>												
Kanu 'o ka 'Āina New Century Public Charter School	307	236	77%	325	242	74%	11	4	36%	†	†	†	†	†	†	†	†	†
Kealakehe High	1,299	346	27%	1,237	333	27%	236	122	52%	62	28	45%	230	128	56%	58	25	43%
West Hawai'i Explorations Academy Public Charter School	248	63	25%	286	68	24%	24	8	33%	†	†	†	34	15	44%	†	†	†

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
<b>Kealakehe</b>																		
Kanu 'o ka 'Āina New Century Public Charter School	11	1	9%	†	†	†	†	†	†	†	†	†	14	2	14%	†	†	†
Kealakehe High	228	50	22%	60	3	5%	232	85	37%	58	14	24%	236	76	32%	65	13	20%
West Hawai'i Explorations Academy Public Charter School	24	7	29%	†	†	†	35	8	23%	†	†	†	-	-	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
<b>Kealakehe</b>																				
Kanu 'o ka 'Āina New Century Public Charter School	10	2	20%	2	20%	10	8	80%	8	80%	†	†	†	†	†	†	†	†	†	
Kealakehe High	341	70	21%	19	19%	341	247	72%	69	69%	263	112	43%	33	44%	256	120	47%	29	45%
West Hawai'i Explorations Academy Public Charter School	28	-	0%	†	†	28	27	96%	†	†	30	18	60%	†	†	27	12	44%	†	†

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.

## SELECTED DOE DATA: KONAWAENA COMPLEX

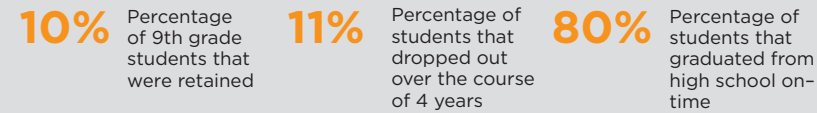
FIGURE 42: Selected DOE Complex Data: Konawaena Complex

SY 14-15

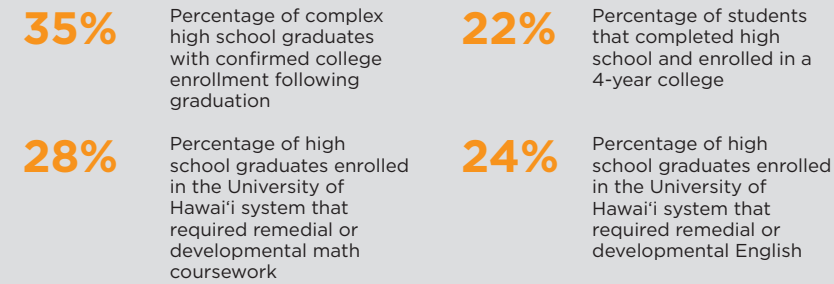
### NATIVE HAWAIIAN STUDENT CONCENTRATION



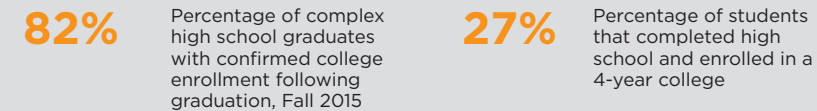
### HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



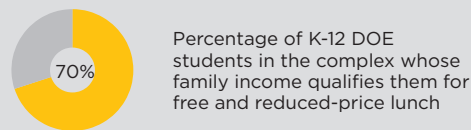
### COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KONAWAENA HIGH SCHOOL



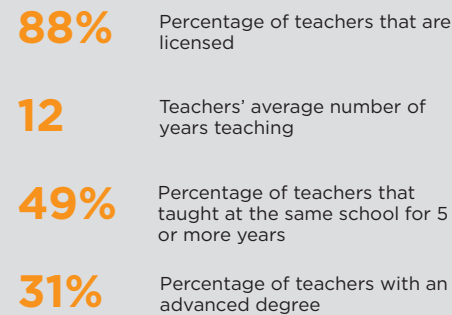
### COLLEGE ENROLLMENT: KE KULA 'O 'EHUNUIKAIMALINO



### FREE & REDUCED-PRICE LUNCH



### TEACHER QUALIFICATIONS

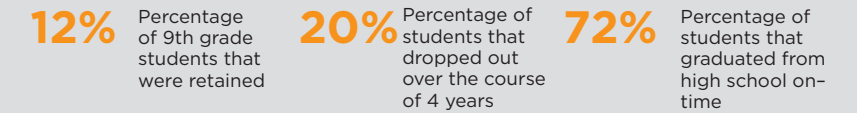


SY 15-16

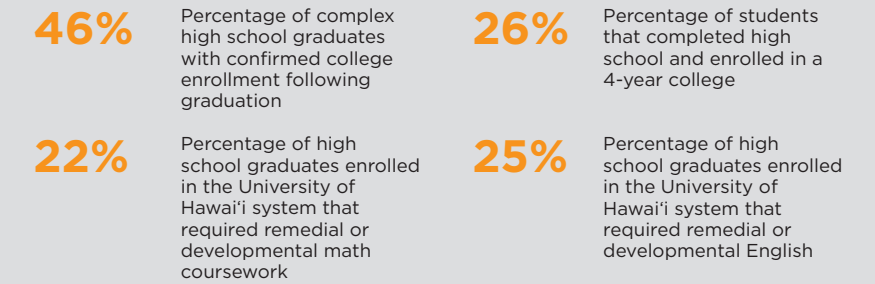
### NATIVE HAWAIIAN STUDENT CONCENTRATION



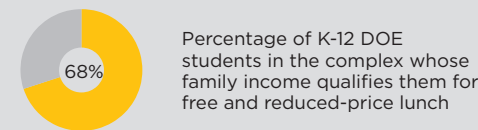
### HIGH SCHOOL RETENTION, DROPOUT RATE, & GRADUATION



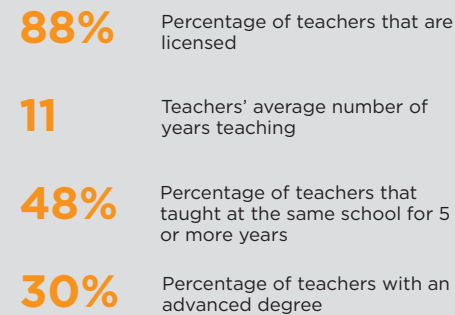
### COLLEGE DEVELOPMENTAL COURSEWORK AND ENROLLMENT: KONAWAENA HIGH SCHOOL



### FREE & REDUCED-PRICE LUNCH



### TEACHER QUALIFICATIONS



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.

# KONAWAENA 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						
<b>Konawaena</b>	<b>3,274</b>	<b>1,256</b>	<b>38%</b>	<b>3,316</b>	<b>1,224</b>	<b>37%</b>	<b>276</b>	<b>111</b>	<b>40%</b>	<b>109</b>	<b>30</b>	<b>28%</b>	<b>261</b>	<b>120</b>	<b>46%</b>	<b>84</b>	<b>31</b>	<b>37%</b>	<b>275</b>	<b>120</b>	<b>44%</b>	<b>108</b>	<b>37</b>	<b>34%</b>	<b>263</b>	<b>141</b>	<b>54%</b>	<b>84</b>	<b>40</b>	<b>48%</b>
Hōnaunau Elementary	153	74	48%	159	64	40%	26	13	50%	†	†	†	24	4	17%	12	1	8%	26	12	46%	†	†	†	24	7	29%	12	4	33%
Ho'okena Elementary	136	76	56%	122	67	55%	28	8	29%	17	2	12%	21	4	19%	†	†	†	27	5	19%	16	1	6%	21	6	29%	†	†	†
Kahakai Elementary	695	187	27%	705	172	24%	111	47	42%	40	13	33%	100	51	51%	23	10	43%	110	54	49%	40	18	45%	103	58	56%	23	10	43%
Kona Pacific Public Charter School	236	34	14%	226	24	11%	18	3	17%	†	†	†	24	8	33%	†	†	†	19	2	11%	†	†	†	24	8	33%	†	†	†
Konawaena Elementary	553	214	39%	556	181	33%	93	40	43%	31	9	29%	92	53	58%	35	19	54%	93	47	51%	31	11	35%	91	62	68%	35	24	69%

## 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
<b>Konawaena</b>	<b>3,274</b>	<b>1,256</b>	<b>38%</b>	<b>3,316</b>	<b>1,224</b>	<b>37%</b>	<b>205</b>	<b>101</b>	<b>49%</b>	<b>84</b>	<b>37</b>	<b>44%</b>	<b>211</b>	<b>81</b>	<b>38%</b>	<b>92</b>	<b>23</b>	<b>25%</b>
Ke Kula 'o 'Ehunuikaimalino	222	186	84%	225	188	84%	22	11	50%	†	†	†	16	-	0%	†	†	†
Kona Pacific Public Charter School	236	34	14%	226	24	11%	16	8	50%	†	†	†	13	5	38%	†	†	†
Konawaena Middle	549	225	41%	564	244	43%	167	82	49%	68	29	43%	182	76	42%	75	23	31%

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						
<b>Konawaena</b>	<b>190</b>	<b>62</b>	<b>33%</b>	<b>79</b>	<b>21</b>	<b>27%</b>	<b>210</b>	<b>56</b>	<b>27%</b>	<b>91</b>	<b>19</b>	<b>21%</b>	<b>219</b>	<b>59</b>	<b>27%</b>	<b>89</b>	<b>14</b>	<b>16%</b>	<b>223</b>	<b>55</b>	<b>25%</b>	<b>95</b>	<b>15</b>	<b>16%</b>
Ke Kula 'o 'Ehunuikaimalino	21	9	43%	†	†	†	16	1	6%	†	†	†	23	-	0%	†	†	†	16	-	0%	†	†	†
Kona Pacific Public Charter School	17	4	24%	†	†	†	13	1	8%	†	†	†	18	9	50%	†	†	†	11	-	0%	†	†	†
Konawaena Middle	152	49	32%	64	16	25%	181	54	30%	74	18	24%	178	50	28%	72	14	19%	196	55	28%	78	15	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.

# KONAWAENA 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	
<b>Konawaena</b>	<b>3,274</b>	<b>1,256</b>	<b>38%</b>	<b>3,316</b>	<b>1,224</b>	<b>37%</b>													
Ke Kula 'o 'Ehunuikaimalino	222	186	84%	225	188	84%	11	7	64%	11	7	64%	†	†	†	†	†	†	
Konawaena High	730	260	36%	759	284	37%	128	56	44%	48	14	29%	158	68	43%	63	22	35%	

Complex School	11th Grade Math Proficiency									11th Grade 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
<b>Konawaena</b>																		
Ke Kula 'o 'Ehunuikaimalino	11	3	27%	11	3	27%	†	†	†	†	†	†	10	-	0%	†	†	†
Konawaena High	129	27	21%	49	6	12%	158	47	30%	63	16	25%	163	40	25%	62	11	18%

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
<b>Konawaena</b>																				
Ke Kula 'o 'Ehunuikaimalino	10	-	0%	†	†	10	10	100%	†	†	†	†	†	†	†	†	†	†	†	†
Konawaena High	190	23	12%	8	12%	190	150	79%	56	84%	153	54	35%	14	26%	140	64	46%	19	33%

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.

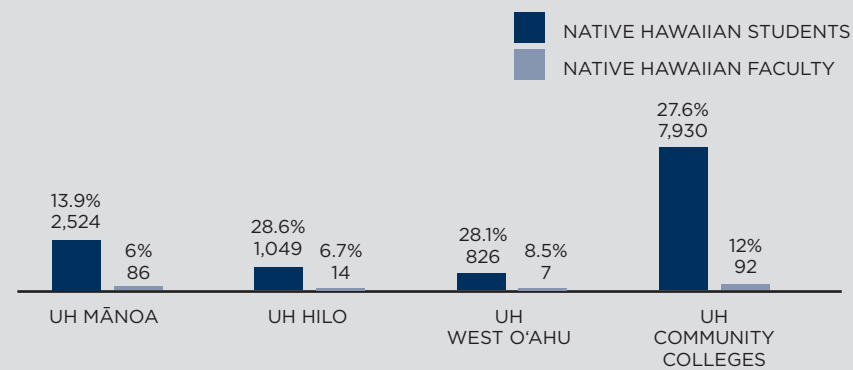
Source: Hawai'i P-20 Partnerships for Education with data provided by the Hawai'i Data eXchange Partnership.

# POSTSECONDARY (CONT'D)

These 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

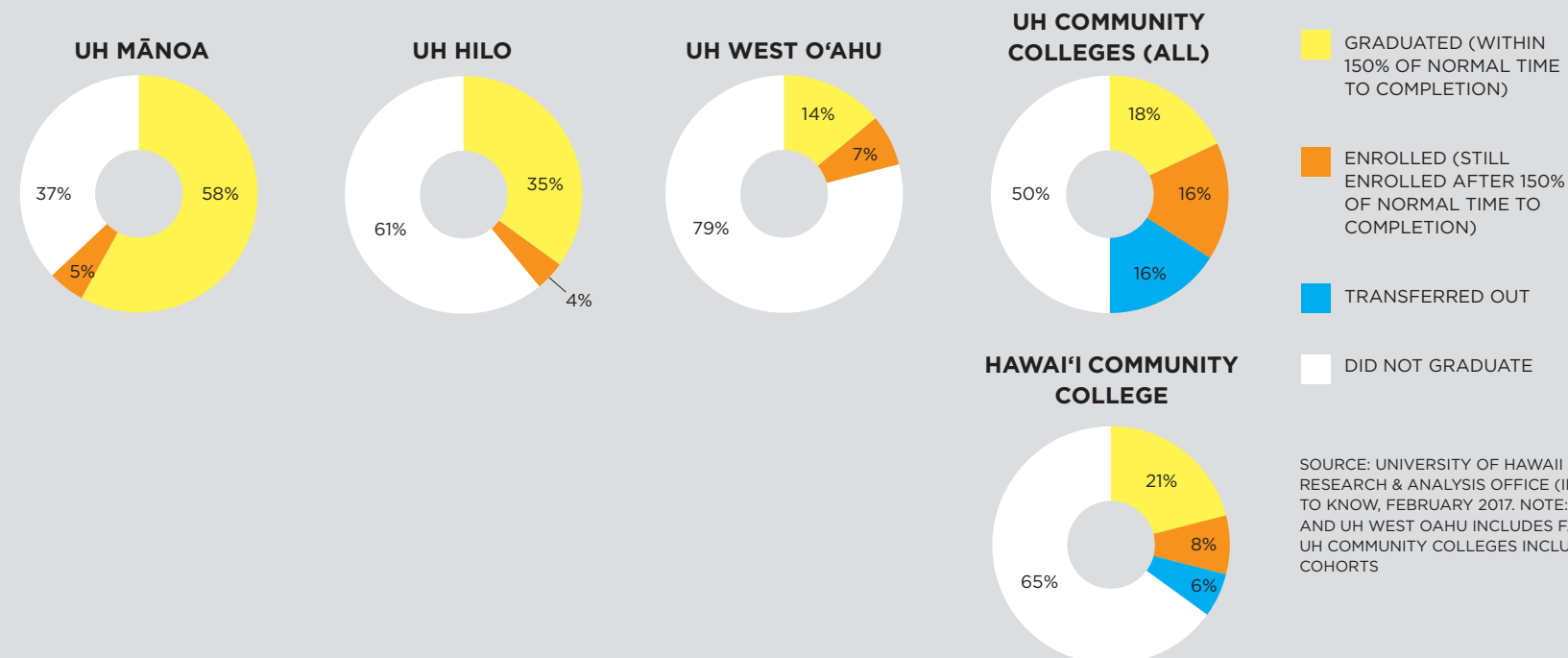
**FIGURE 43: Native Hawaiian Student and Faculty Population (Fall 2016)**



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.

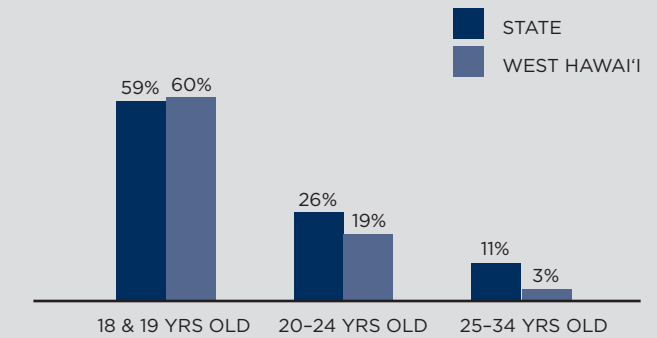
**FIGURE 44: University of Hawai‘i Graduation and Persistence Rates, Total Population (Fall 2013)**



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

## NATIVE HAWAIIAN ENROLLMENT

**FIGURE 45: Statewide and Regional Percentages of Native Hawaiian 18-34 year olds Enrolled in Post-Secondary School (2010)**



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

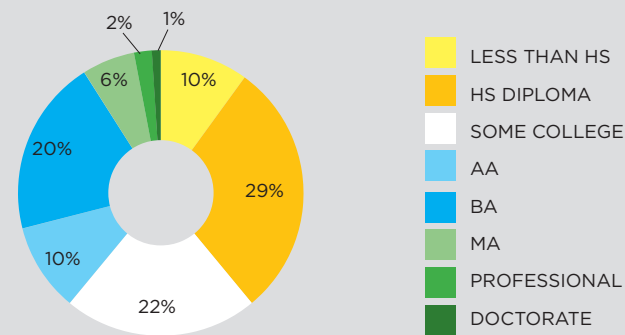
### List of University of Hawai‘i Community Colleges

- 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

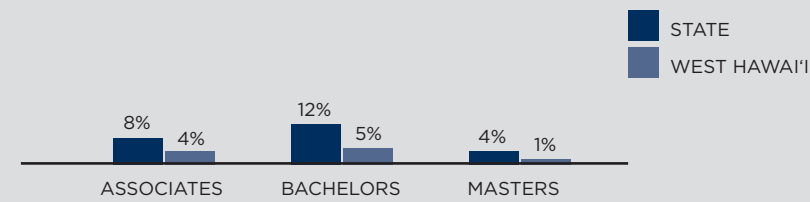
**FIGURE 46: Statewide Educational Attainment of the Total Population 25 Years and Older (2010)**



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

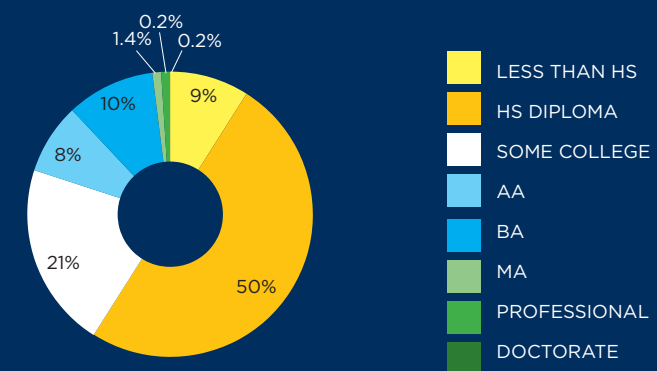
## NATIVE HAWAIIAN EDUCATIONAL ATTAINMENT

**FIGURE 47: Statewide and Regional Percentages of Native Hawaiian 25-34 year olds who have Completed a Postsecondary Degree (2010)**

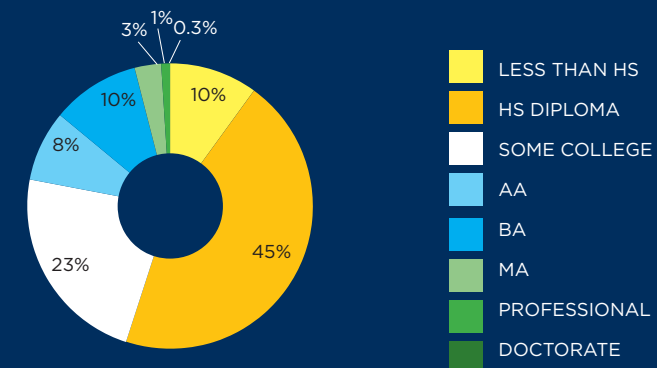


Source: KS Regional Prioritization Table, Strategy & Innovations Group (S&I), Kamehameha Schools, 2014.

**FIGURE 48: Educational Attainment of Native Hawaiians Residing in the Region 25 Years and Older (2010)**



**FIGURE 49: 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	Degrees and Courses	UH Campus
<b>BUSINESS</b>		<b>INFORMATION &amp; COMPUTER SCIENCES</b>	
<b>BBA</b> , Business Administration, General Bus Admin	UH Hilo	<b>MLISc</b> , Library & Information Science	Mānoa
<b>BBA</b> , Business Administration, Accounting	UH Hilo	<b>MS</b> , Computer Science	Mānoa
<b>Cert</b> , Risk Management & Insurance	UHWO	<b>LIBERAL ARTS</b>	
<b>BA</b> , Business Administration, General Bus Admin	UHWO	<b>AA</b> , Liberal Arts	Hawai'i CC (WH)
<b>BA</b> , Business Administration, Accounting	UHWO	<b>AAS</b> , Hawai'i Life Styles - Hula Track	Hawai'i CC (WH)
<b>BA</b> , Business Administration, Marketing	UHWO	<b>AA</b> , Hawaiian Studies	Hawai'i CC (WH)
<b>BA</b> , Business Administration, Hospitality & Tourism	UHWO	<b>CA, AS</b> , Tropical Forest Ecosystem & Agroforestry Management	Hawai'i CC (WH)
<b>EMBA</b> , Executive Master of Business Administration	Mānoa (Shidler Coll of Business)	<b>MEDICAL &amp; HEALTH CARE</b>	
<b>MHRM</b> , Master of Human Resources Management	Mānoa (Shidler Coll of Business)	<b>AS</b> , Nursing	Hawai'i CC (WH)
<b>EDUCATION</b>		<b>RN to BSN</b> Program	UH Hilo
<b>Teaching License</b>		<b>MS</b> , Nursing (Public Health or Clinical)	Mānoa
<b>BEd</b> , Early Childhood & Early Childhood Special Education	Mānoa	<b>PhD</b> , Nursing	Mānoa
<b>BEd</b> , Elementary Education	Mānoa	<b>DNP</b> , Family Nurse Practitioner, Adult Gerontology Practitioner	Mānoa
<b>Post-Bacc Certificate</b> , Secondary Education	Mānoa	<b>DNP</b> , Nursing Practice	UH Hilo
<b>Post-Bacc Certificate</b> , Special Education	Mānoa	<b>PUBLIC ADMINISTRATION</b>	
<b>MEd</b> , Teaching (Elementary or Secondary or Dual Secondary/SPED)	Mānoa	<b>Cert</b> , Disaster Prep & Emergency Management	UHWO
<b>Grad Cert</b> , Kahuawaiola Indigenous Teacher Education	Mānoa	<b>Cert</b> , Health Care Administration	UHWO
<b>Non-License Education</b>		<b>BA</b> , Public Administration, General Public Administration	UHWO
<b>CC, CA, AS</b> Early Childhood Education	Hawai'i CC (WH)	<b>BA</b> , Public Administration, Disaster Prep & Emergency Management	UHWO
<b>BA</b> , Social Sciences, Early Childhood Education	Mānoa	<b>BA</b> , Public Administration, Health Care Administration	UHWO
<b>Grad Cert</b> , Online Learning & Teaching (COLT)	Mānoa	<b>BA</b> , Public Administration, Justice Administration	UHWO
<b>MEd</b> , Educational Administration (K-12)	Mānoa	<b>SOCIAL RELATIONS/HUMAN SERVICES</b>	
<b>MEd</b> , Curriculum Studies (Literacy Specialist or STEMS <sup>2</sup> )	Mānoa	<b>CC</b> , Human Services	Hawai'i CC (WH)
<b>MEd</b> , Special Education	Mānoa	<b>CC</b> , Substance Abuse Counseling	Hawai'i CC (WH)
<b>MEd</b> , Learning Design & Technology (LTEC)	Mānoa	<b>Cert</b> , Substance Abuse & Addictions Studies	UHWO
<b>MEd</b> , Dual Learning Design & Technology (LTEC) & LISc	Mānoa	<b>Cert</b> (Undergrad), Ethnic Studies (in process)	Mānoa
<b>MEd</b> , EDCS STEMS <sup>2</sup>	Mānoa	<b>Cert</b> , Conflict Resolution	Mānoa
<b>MS</b> , Kinesiology & Rehab Science (Rehabilitation Counselor Ed)	Mānoa	<b>Cert</b> , Peace Studies	Mānoa
<b>MA</b> , Music Education	Mānoa	<b>Cert</b> , Professional Planning (in process)	Mānoa
<b>MEd</b> , Education	UH Hilo	<b>Cert</b> (Undergrad), Women's Studies	Mānoa
<b>MA</b> , Indigenous Language & Culture Education	UH Hilo	<b>BA</b> , Social Sciences - Applied Track (BASS)	UHWO
<b>PhD</b> , Learning Design & Technology (LTEC) Hybrid	Mānoa	<b>BA</b> , Social Sciences, Political Science	UHWO
<b>HOSPITALITY DIVISION</b>		<b>BA</b> , Social Sciences, Psychology	UHWO
<b>CC, CA, AAS</b> , Culinary Arts	Hawai'i CC (WH)	<b>BA</b> , Sociology (in process)	Mānoa
<b>Cert</b> , Travel Industry Management	Mānoa	<b>BA</b> , Psychology	Mānoa
<b>CC, CA, AAS</b> , Hospitality & Tourism	Hawai'i CC (WH)	<b>BA</b> , Women's Studies (in process)	Mānoa
		<b>MA</b> , Urban & Regional Planning	Mānoa
		<b>MSW</b> , 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	Native Hawaiian	Total Population	Native Hawaiian	Total Population	Native Hawaiian	Total Population	Native Hawaiian	Total Population	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

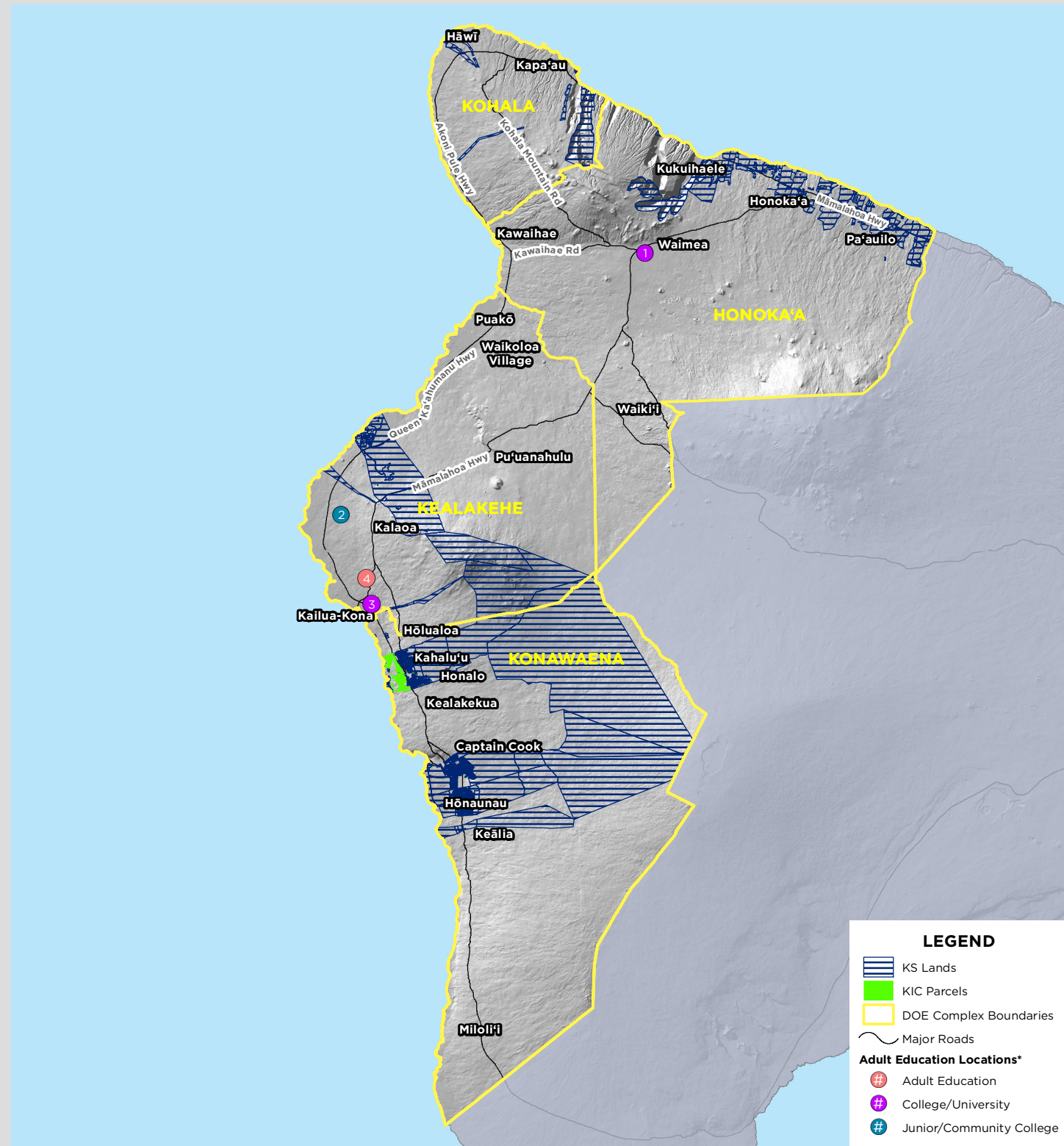
## ADULT EDUCATION, TRAINING, AND POSTSECONDARY EDUCATIONAL INSTITUTIONS IN THE REGION

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

Map Number	Adult Education, Training, and Postsecondary Institutions (4 Schools)
1	Hawai'i College Of Oriental Medicine
2	Hawai'i Community College Pālanuanui
3	University Of The Nations
4	Waipahu Community School for Adults (WCSA) - Kona Campus

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

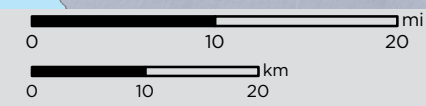
**MAP 11: Adult Education, Training, and Postsecondary Educational Institutions in the Region**



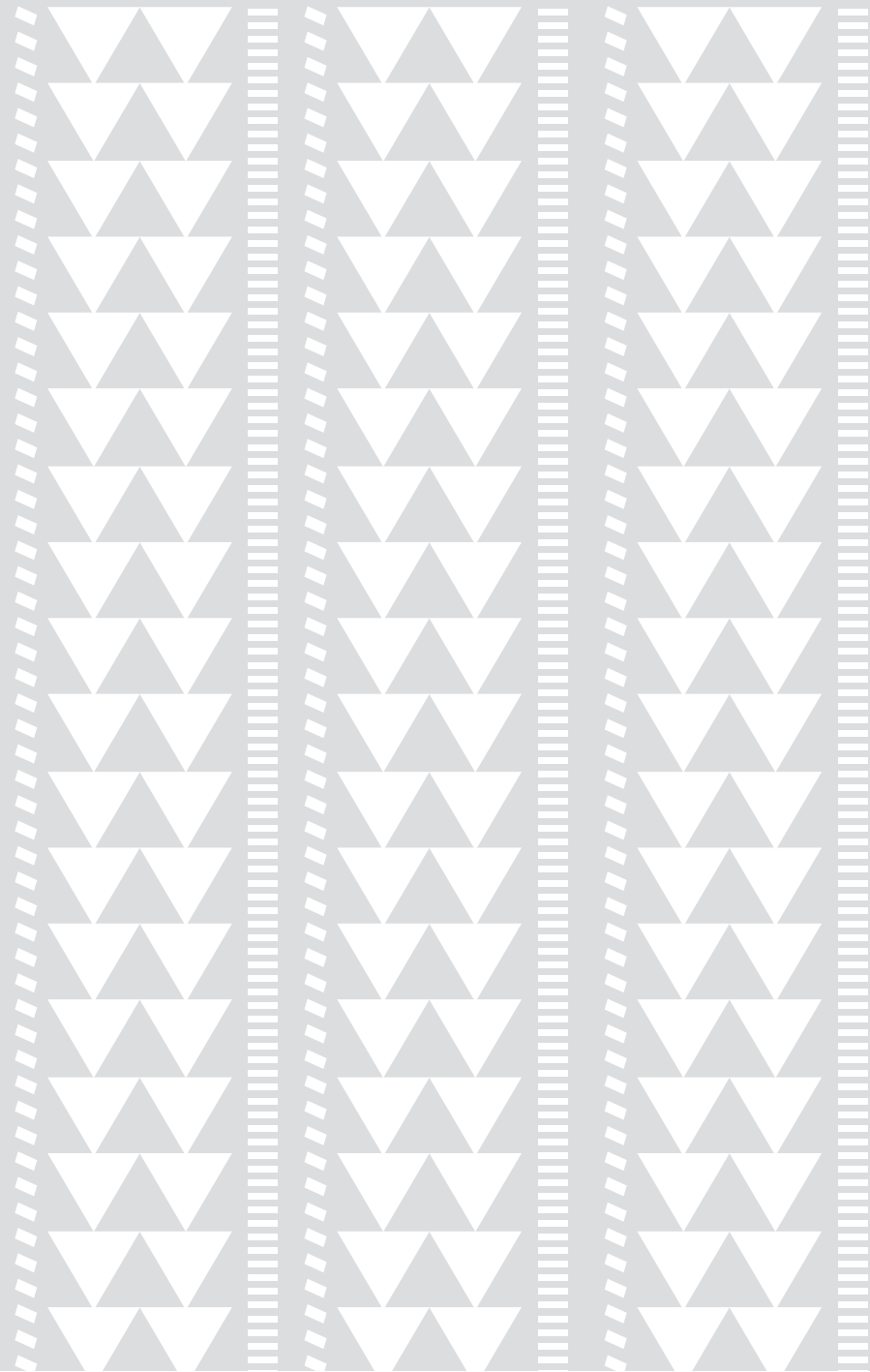
**LEGEND**

- KS Lands
- KIC Parcels
- DOE Complex Boundaries
- Major Roads
- Adult Education Locations\***
- Adult Education
- College/University
- Junior/Community College

\*Locations are Approximate



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.



# 4

## 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	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.

Source: KS Community Investing Collaborators List FY2016-2017, Strategy & Innovation Group, Kamehameha Schools.

**TABLE 38: FY 2017-2018 KS Collaborators in the Region**

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.
Early Learning	ALU LIKE, Inc.	Pūlama I Nā Keiki	A family-based parent education project that serves Native Hawaiian families on Moloka'i, Maui, O'ahu and the Big Island. The goal is for families to apply the knowledge gained in childbearing, child development, child rearing, and for each child to experience future success in school.
Early Learning	Department of Education	DOE Project EC Education	Offers center- and home-based preschool programs at three West Hawai'i schools: Kohala Elementary School, Hōnaunau Elementary School, and Waimea Elementary School.
'Āina	Hawaii Forest Industry Association	Ho'ōla Ka Makana'a 'o Ka'ūpūlehu—Healing the Place Budding Up Out of the Lava	Delivers programming that promotes kinship, physical and spiritual well-being of place through on and off-site education, native dryland forest restoration and stewardship.
K-12	Ho'okāko Corporation	Waimea Middle School Partnering for Student Success - Ho'okahi ka 'ilau like ana	Support to provide Hawaiian culture-based education to learners and their families.
'Āina	Hui Mālama i ke Ala 'Ūlili	Hō'ale a Maninini (HoAMa)	Hō'ale a Maninini is an aloha 'āina restoration initiative to regenerate and renew a living culture of mālama 'āina, kuleana, and 'ai pono in Hāmākua and Hawai'i Island 'ohana and communities by cultivating kīpuka that foster the growth of place-based ancestral knowledge, healthy food- and eco-systems, and strong 'ohana with the capacity to live and thrive for generations.
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	Kanu o ka 'Āina Learning Ohana	Kanu o ka 'Āina New Century Public Charter School per-pupil funding	Support to provide Hawaiian culture-based education to learners and their families.
Early Learning	Kanu o ka 'Āina Learning Ohana	Malamapōki'i Early Childhood Education per pupil funding	Support to provide Hawaiian culture-based education preschool programming to learners and their families.

## COLLABORATORS (CONT'D)

The table below is a continuation of the table at left.

TABLE 38: FY 2017-2018 KS Collaborators List (cont'd)			
Multi-Year Financial Plan Area	Ext Organization	Program/Project Title	Program/Project Description
K-12	Kohala Institute	Collaboration for Solutions - Relationships and Youth Leadership	Collaborations For Solutions (CFS) builds relationships between stakeholders by providing place-based experiences and offering high school students leadership skills and techniques to navigate challenges and controversy.
K-12	Na Kalai Wa'a	Holokai - Sustaining Voyaging Traditions	Provides year round opportunities for Hawai'i Island learners to experience the teachings of voyaging and navigation by providing learning sessions in West Hawai'i and individual classroom visits for students and teachers.
K-12	The Kohala Center	High School Sustainable Agriculture Program	This project enrolls from East and West Hawai'i in an agricultural leadership program during fall, spring, and summer breaks so that students gain knowledge of traditional and contemporary diversified agricultural systems and are exposed to career pathways in the natural sciences.
K-12	The Kohala Center	Ke Kumu 'Āina	Provides students, teachers and family members in West Hawai'i with opportunities to engage deeply with 'āina through Hawaiian culture-based STEAM ed programs including intersession/summer programs, an afterschool program, a teen leadership program, 'Āina Engagement Days, 'āina based education (ABE) teacher professional development training, and ABE teacher support.
'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.
'Āina	Ulu Mau Puanui	Ulu Mau Puanui	Engages all age learners in land-based and culturally-centered science in order to understand the Kohala Field System and how it can inform today's efforts toward food sustainability and food self-reliance.
College/Career	University of Hawai'i	College Pathways and Summer Academy	Provides a Summer Bridge and STEAM Academy program for West Hawai'i students and provides advising and mentoring for college-readiness.
K-12	University of Hawai'i	West Hawai'i Kulike Success Through College Readiness and Access	Provides the students at the West Hawai'i Complex with a rigorous and culture-based college readiness through a variety of academic and non-cognitive strategies on campus including, AVID (Advancement via Individualized Determination), Dual Enrollment at Hawaii Community College, Summer Anthropology Field Experience, and Native Hawaiian Retention Specialist for successful high school to First Year in College Experience.
College/Career	University of Hawai'i Foundation	GoFarm Hawai'i, a statewide beginning farmer program	Provides hands-on training in sustainable vegetable production, business plan development, and marketing to Hawai'i's aspiring farmers in order to develop more viable, sustainable farmers to support Hawai'i's food security and economy.
College/Career	University of Hawai'i Foundation	Heritage Management M.A. at UH Hilo via UH Foundation	Provides graduate training opportunities in Heritage Management, with specializations in cultural impact assessment and applied archaeology.
K-12	University of Hawai'i Foundation	Hōkūpa'a	A collective impact initiative to improve outcomes for West Hawai'i youth and young adults (Kindergarten to age 25) through collaboration among its partners, activity alignment within the community, and the pursuit of better data management and communication.
K-12	Waimea Middle Public Conversion Charter School	Full STEAM Ahead	Offers expanded learning opportunities through after-school, intersession and summer courses in the Mala'ai Garden and in the robotics after-school program.

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.

## **HAWAI'I DEPARTMENT OF EDUCATION (DOE)**

DOE in the Region is organized into a single Complex Area—Honoka'a-Kealakehe-Kohala-Konawaena Complex Area—and four Complexes—the Honoka'a Complex, Kealakehe Complex, Kohala Complex, and Konawaena Complex.

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

## **UNIVERSITY OF HAWAI'I SYSTEM (UH SYSTEM)**

**Hawai'i Community College-Pālanani** opened for classes in August 2015. Located mauka of the Kona International Airport. The campus offers on-site and distance education classes and degree programs through four UH System community colleges and universities, including Hawai'i Community College, the University of Hawai'i Hilo, University of Hawai'i at Mānoa, and University of Hawai'i West O'ahu. Additionally, the Center provides academic support for students enrolled at other UH System schools.

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

## **DEPARTMENT OF HAWAIIAN HOME LANDS (DHHL)**

DHHL provides homestead leases for residential, agricultural, and pastoral leases to Native Hawaiians of 50% blood quantum in an effort to provide Native Hawaiians with economic self-sufficiency. In the past several years, DHHL's Planning Office has developed a series of plans—Program, Regional, and Island Plans—which discuss future land and water resource development while considering archaeological, historical, and environmental concerns. DHHL is utilizing these plans with the goal of building partnerships, leveraging resources and capital investments, mitigating undesirable development impacts, coordinating area growth, reducing risk in large-scale developments, and creating broad community benefits.

In FY13-14, DHHL's annual reported expenses were \$52.8Mil.

## **OFFICE OF HAWAIIAN AFFAIRS (OHA)**

The Office of Hawaiian Affairs (OHA) was born out of the Constitutional Convention of 1978 and established as a public trust, with a mandate to better the conditions of Native Hawaiian individuals and the community. OHA is funded by a pro rata share of revenues from state lands designated as "ceded" (Office of Hawaiian Affairs, 2014). Statewide, OHA is currently engaging with Native Hawaiian individuals and the Native Hawaiian community by facilitating loans and scholarships, supporting education and community involvement, and compiling and making demographic and land data available for public use, amongst other voluntary and mandated programs and obligations.

In FY14-15, OHA's annual reported expenses were \$51.49Mil.

## **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. QLT operates nine units on all Hawaiian Islands except Ni'ihau. QLCC's social work model is rooted in Hawaiian traditions, knowledge, and wise-practices; QLCC provides individual and family services, group services, and community building services. QLCC partners with private and public organizations to build capacity in order to provide the best opportunities for beneficiary children in the communities in which it operates.

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; online Hawaiian language programs; and outreach activities and technical assistance to Native Hawaiian groups interested in the revitalization and survival of 'Ōlelo Hawai'i. 'Aha Pūnana Leo is part of a consortium partnership with Ka Haka 'Ula o Ke'elikōlani College of Hawaiian Language at the UH Hilo, which fosters a statewide Hawaiian Medium Education (HME) System.

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

## **HAWAI'I COMMUNITY FOUNDATION (HCF)**

Founded in 1916, Hawai'i Community Foundation (HCF) is a community foundation that is dedicated to helping people make a difference by investing in people and solutions to benefit island communities. HCF's main office is located in Honolulu; additional offices are located on Hawai'i Island, Kaua'i, and Maui.

In CY15, HCF's annual reported expenses were \$41.18Mil.

## **THE QUEEN EMMA FOUNDATION (QEF)**

The Queen Emma Foundation (QEF) was created to fulfil the intent of Queen Emma and King Kamehameha IV to provide quality health care and improve the wellbeing of Native Hawaiians and the greater Hawai'i community.

In FY14-15, QEF's annual reported expenses were \$46.69Mil.

## **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 were \$10.18Mil.

## **DORRANCE FAMILY FOUNDATION**

The Dorrance Family Foundation is a national non-profit organization that provides scholarships to students to attend Arizona universities. In 2012, the Foundation began offering scholarships to Hawai'i Island high school graduates to attend UH Hilo. Up to ten need-based \$8,000 scholarships are awarded each year to individuals who are the first in their families to attend college—renewable for a total of eight semesters. Prior to the start of college, scholarship recipients participate in a summer bridge program to help prepare for college success, which may include international travel and employment internships for a total scholarship value of about \$60,000 for a four-year period.

In CY14, the Dorrance Family Foundation's annual reported expenses were \$5.54Mil.

## **INSTITUTE FOR NATIVE PACIFIC EDUCATION AND CULTURE (INPEACE)**

Founded in 1994, Institute for Native Pacific Education and Culture (INPEACE) is a non-profit organization with the mission to improve the quality of life for Native Hawaiians through community partnerships that provide educational opportunities and promote self-sufficiency. The organization operates programs focused on early childhood education, workforce development, and cultural land stewardship. Although it is a statewide organization, INPEACE focuses its work in the Wai'anae Coast, with all of its programs available in the Region. KS provides support to a number of INPEACE programs and one of the organization's family-child interaction learning preschool programs is located at the CLCM.

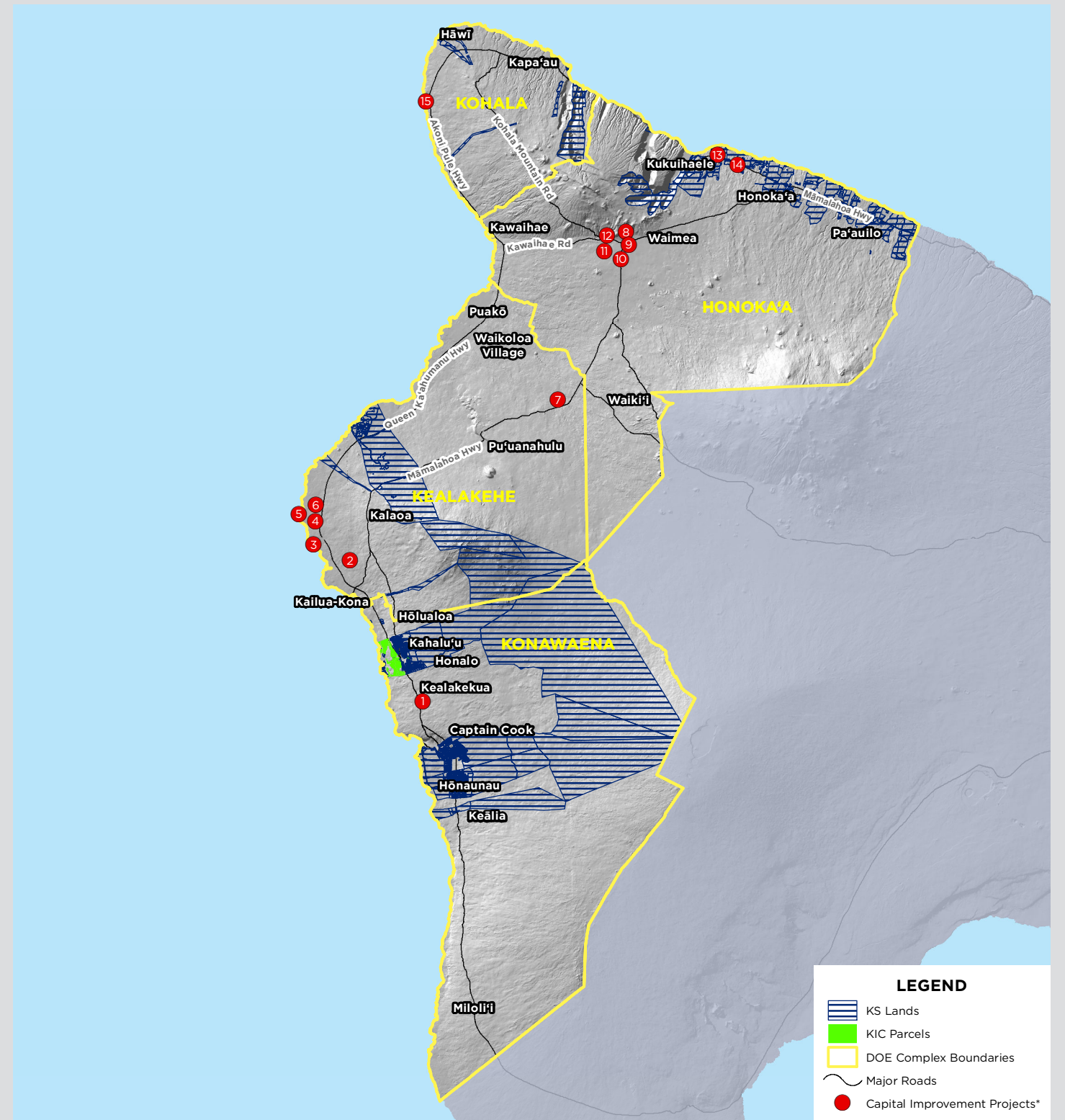
# SELECTED CAPITAL IMPROVEMENT PROJECTS

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
<b>Regional County-funded Capital Improvement Projects</b>		
2	Construction of the Kealakehe Regional Park	\$33,500,000
11	Waimea District Park Improvements	\$17,000,000
10	Ke Ala Kahawai O Waimea Improvements	\$7,000,000
15	Mahukona Beach Park Renovation	\$2,250,000
3	Kohanaiki Coastal Parks Improvements	\$1,500,000
<b>Countywide County-funded Capital Improvement Projects</b>		
	DPR Repairs/Improvements to Facilities	\$75,917,000
	DPR ADA Compliance	\$44,507,000
<b>Regional State-funded Capital Improvement Projects*</b>		
7	Daniel K. Inouye Highway Extension from Māmalahoa Highway to Queen Ka'ahumanu Highway	\$89,000,000
4	Improvements and Upgrades to the Seawater System at the Natural Energy Lab of Hawai'i Authority (NELHA)	\$5,200,000
12	Improvements to the Kamuela Agricultural Vacuum Cooling Plant	\$2,000,000
8	Waimea Irrigation System Improvements	\$3,450,000
13	Lower Hāmākua Ditch Renovation Project	\$37,080,000
<b>Statewide State-funded Capital Improvement Projects*</b>		
	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
<b>Regional State-funded Capital Improvement Projects Proposed FY17 Requests**</b>		
1	Kona Community Hospital ceiling mitigation and expansion of the wastewater treatment facility	\$6,500,000
5	Reimbursable G.O. bond funds for improvements and upgrades to the seawater system at the Natural Energy Lab of Hawaii Authority (NELHA)	\$5,200,000
6	To construct a permanent Federal Inspection Station (Customs) at Kona International Airport at Keāhole, Hawai'i	\$50,000,000
9	G.O. bond funds and \$1 million in federal funds for irrigation system projects, including improvements to Moloka'i, Waimānalo, and Waimea irrigation systems	\$8,200,000
14	G.O. bond funds and \$2 million in federal funds for the lower Hāmākua Ditch watershed	\$2,000,000
<b>Statewide State-funded Capital Improvement Projects Proposed FY17 Requests**</b>		
	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

Note: 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, & SELECTED RESIDENTIAL DEVELOPMENT

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

**MAP 13: Affordable Housing, DHHL, and Selected Residential Development Projects in the Region**

**TABLE 40: Affordable Housing in the Region**

Map Number	Type	Project Name	Address	City
1	E	Capt Cook Elderly Hsg Project	82-1040 Kīloa Road	Captain Cook
2	SN	Kona Krafts Group Home	ND	Captain Cook
3	E(PH)	Hale Ho'okipa	81-1038 Nani Kupuna Place	Kealahou
4	E(PH)	Nani Olu	81-1011 Nani Kupuna Place	Kealahou
5	F(PH)	Ka Hale Kahalu'u	78-6725 Makolea Street	Kailua-Kona
6	F	Kama'āina Hale	78-5837 Kuakini Highway	Kailua-Kona
7	E	Hualālai Elderly Ph 3	75-260 Hualālai Road	Kailua-Kona
8	E	Hualālai Elderly Ph 2	75-258 Hualālai Road	Kailua-Kona
9	E	Hualālai Elderly	75-256 Hualālai Road	Kailua-Kona
10	SN	Kealahou	ND	Kailua-Kona
11	SN	Kona Kokua	ND	Kailua-Kona
12	SN	Weinberg Hale Kai Malino	ND	Kailua-Kona
13	F(PH)	Kaimalino	74-5060 Kealaka'a Street	Kailua-Kona
14	F	Jack Hall Kona	74-895 Kealakehe Street	Kailua-Kona
15	F	Lailani	74-984 Manawale'a Street	Kailua-Kona
16	F(PH)	Kealahou	74-991 Manawale'a Street	Kailua-Kona
17	F	Waikoloa Gardens	68-1820 Pu'u Melia Street	Waikoloa
18	F(PH)	Ke Kumu 'Elua	68-3367 Ke Kumu Place	Waikoloa
19	F	Ke Kumu 'Ekahi (Ke Kumu at Waikoloa)	68-3520 Ke Kumu Place	Waikoloa
20	F(PH)	Ke Kumu 'Ekolu	68-3385 Ke Kumu Place	Waikoloa
21	F	Ouli 'Ekahi	62-2600 'Ōuli 'Ekahi Pl	Kamuela
22	F(PH)	Noelani I	65-1191 Opelo Road	Kamuela
23	F(PH)	Noelani II	65-1191 Opelo Road	Kamuela
24	E	Waimea Elderly Hsg Proj	67-5165 Kamāmalu St	Kamuela
25	E	Kamuela Senior Housing	64-270 Keaka Kea Place	Kamuela
26	E(PH)	Hale Hau'oli	45-540 Kaniaka Place	Honoka'a
27	SN	SHDC No. 7	ND	Honoka'a
28	SN	SHDC No. 8	ND	Honoka'a
29	E	'Āinakea Senior Residences	53-3996 'Āinakea Dr.	Kapa'au

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: Selected Recently Constructed and Planned Regional Residential Development**

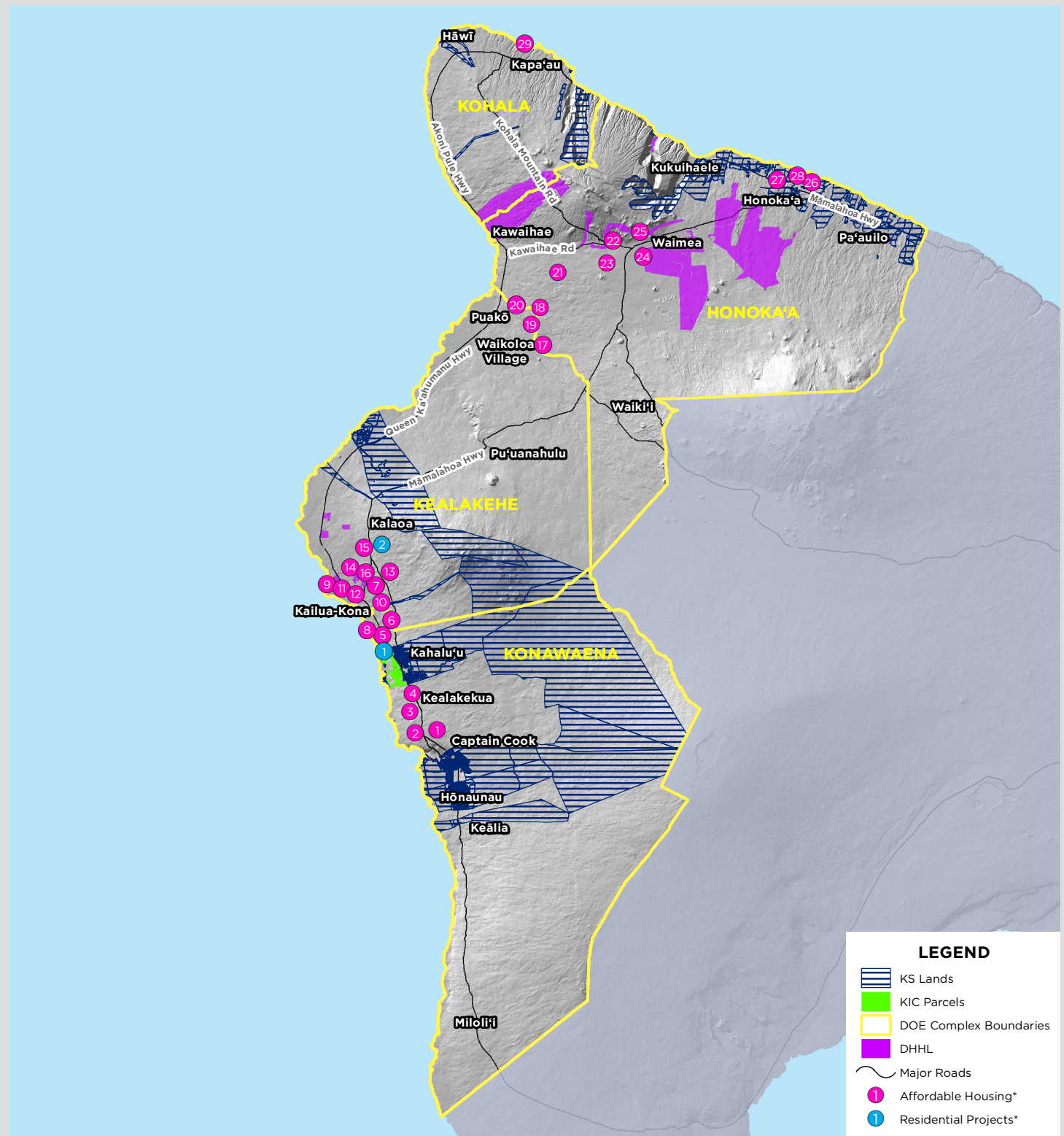
Map Number	Residential Projects					
	Regional Location	Project Type	Project Name	Number of Units	Unit Pricing	Environmental Approval Year
2	North Kona		Kaloko Makai	5,000		2013
1	Kahalu'u Kona		Kahalu'u Residential Project	338		2013

Note: This table was developed through a comprehensive review of readily available public information. Some development may not be included because the sources may not exist or be readily available at the time of publication.  
Source: State of Hawaii, Department of Health, Office of Environmental Quality Control (OEQC), Online Library of EAs and EISs.

**TABLE 42: DHHL Development in the Region**

Region	Development Name	Residential Lots	Current Status (April 2017)
West Hawai'i	La'i 'Ōpua Village 4- Akau	X	Lots completed
	La'i 'Ōpua Village 4- Hema	X	Subdivision Design in progress
	Lalamilo- Phase 2A- Incr 1	X	Subdivision construction suspended pending HUD review.

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



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 includemajor 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 43: DOE Regional Capital Improvement Projects**

School by Complex	Project Description	Project Cost
<b>Konawaena</b>		
Kona Pacific PCS	Plans, design, construction, and equipment for a Community Food Kitchen	\$1,200,000
<b>Subtotal</b>		<b>\$1,200,000</b>
<b>Kealakehe</b>		
Waikoloa Elementary & Middle	Plans, design, and construction of a new Classroom Building	\$11,000,000
<b>Subtotal</b>		<b>\$11,000,000</b>
<b>Total</b>		<b>\$12,200,000</b>

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.

## SCHOOL IMPACT DISTRICTS

In addition to pressures placed on DOE facilities through natural population growth, the DOE must support population growth resulting from new development. Historically, private donations to support public school facilities in Hawai'i began with an 1831 donation of land by the Kingdom of Hawai'i for Lahainaluna High School. Agricultural plantations often supplied land and school buildings for worker communities. Following Statehood, land-approving agencies required school fair-share conditions from developers, who were required to provide land and/or funding to offset impacts, that residential developments would have on increasing student enrollment numbers.

In 2007, the Hawai'i State Legislature's Act 245 authorized the Board of Education to approve School Impact Districts. These districts are areas experiencing high growth; this requires new schools or the expansion of existing schools to meet the affiliated increase in school enrollments. Developments contributing to population growth in the District are required to pay a portion of the cost of providing new/expanded public schools. Commercial, industrial, senior housing, home replacement, or enlargement projects are all exempt from the fee. The fees collected are managed by the DOE Office of School Facilities and Support Services.

As of FY13, the State's four School Impact Districts include:

- Leeward O'ahu
- West Hawai'i
- West Maui
- Central Maui

**TABLE 44: School Impact District Development Projects**

LOCATION	FUTURE SCHOOL	ACREAGE	DEVELOPER	
HAWAII ISLAND	WAIKOLOA	MIDDLE	18	WAIKOLOA DEVELOPMENT
	WAIMEA	WAIMEA ELEMENTARY	5	PARKER RANCH
	MAUNA LANI	NOT SPECIFIED	16	SIGNAL PUAKŌ

Sources: State of Hawaii Department of Education, "Future Projects in School Impact Districts, FY13." (<http://www.hawaiipublicschools.org/DOE%20Forms/Impact%20Fees/FY2013developeroutreach.pdf>).



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# 5

## 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

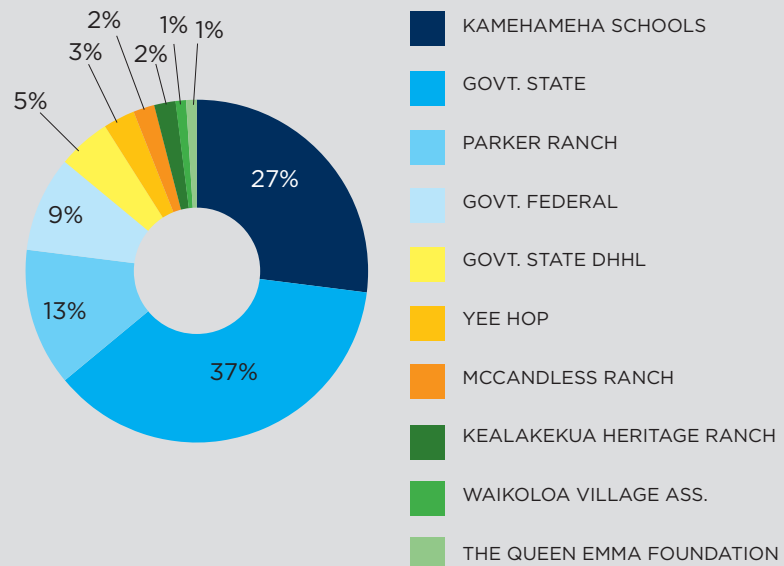
The table, chart, and map on this page provides information on the Region's 10 largest landowners. Except for KS, acres are estimates based on GIS calculations. KS acres based on KS General Ledger, Finance annual reconciliation for the year-ended 6/30/2016.

**TABLE 45: 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	290,411	37%	1,367,607	21%
2	Kamehameha Schools	Private	209,451	27%	363,633	58%
3	Parker Ranch	Private	102,507	13%	106,737	96%
4	Govt. Federal	Public	72,876	9%	530,123	14%
5	Govt. State DHHL	Public	38,860	5%	197,931	20%
6	Yee Hop	Private	21,637	3%	21,637	100%
7	McCandless Ranch	Private	14,999	2%	15,163	99%
8	Kealakekua Heritage Ranch	Private	11,490	1%	11,490	100%
9	Waikoloa Village Ass.	Private	10,299	1%	10,299	100%
10	The Queen Emma Foundation	Private	10,259	1%	11,943	86%
<b>Total</b>			<b>782,789</b>			

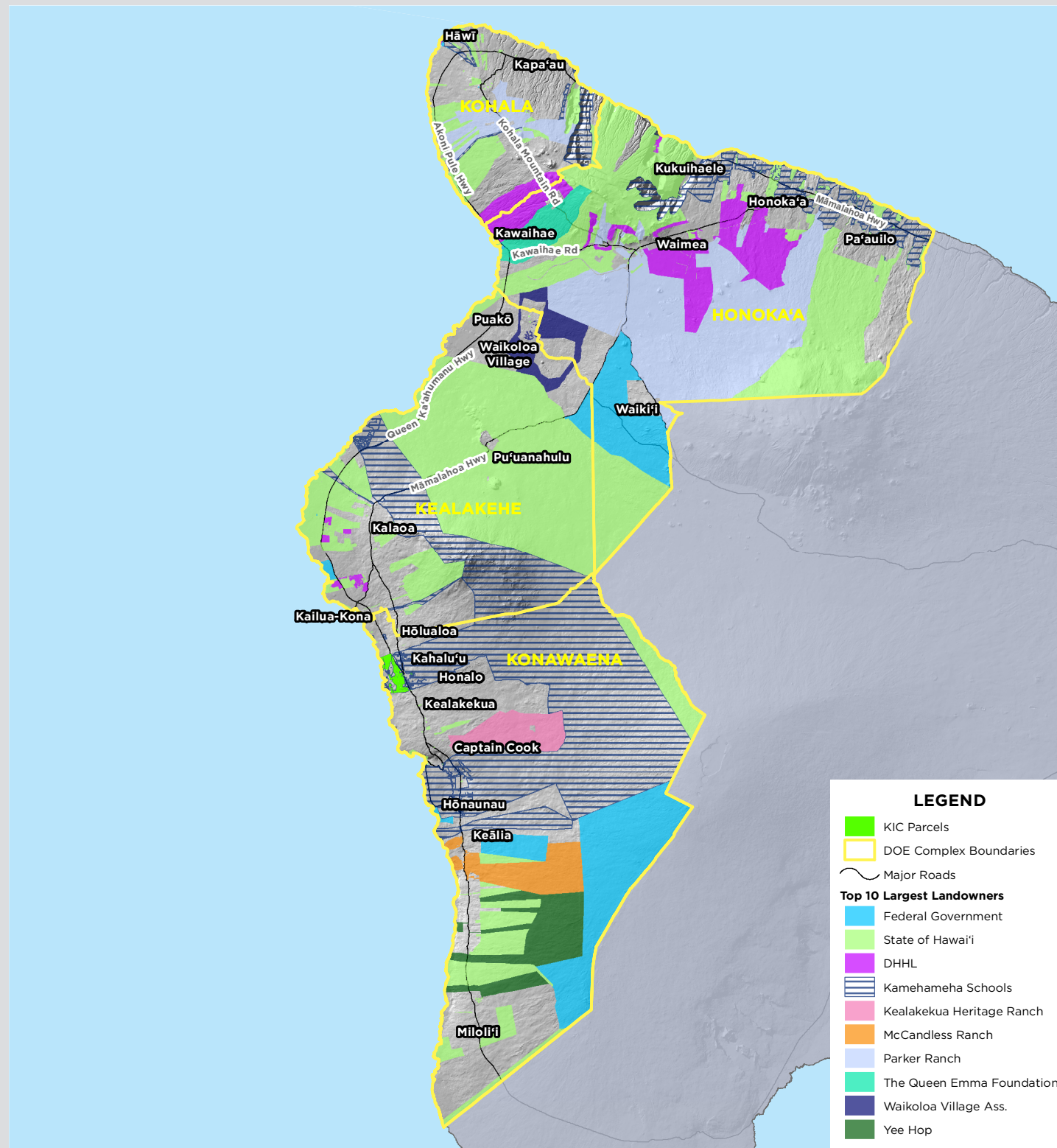
Note: "Top 10" refers to the Region's ten largest landowners.  
 Source for KS lands: KS Parcels and Regions layer as of 3/2017, maintained by LIMS.  
 Source for all other lands: DBEDT GIS Shapefile "Large Landowners," 2017.

**FIGURE 50: 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 2nd-largest landowner in the Region**

## MAJOR LANDOWNERS (CONT'D)

### FEDERAL GOVERNMENT

The federal government owns and manages several parcels 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. In addition to training, PTA is actively involved in natural and cultural resource management activities across the installation, including Palila critical habitat areas. PTA is adjacent to KS' mauka lands.

The National Park Service stewards the lands that compose Pu'uhonua o Hōnaunau National Historic Park. The area is a significant wahi pana in the Region and serves as an important educational resource for both West Hawai'i and visiting learners. Pu'uhonua o Hōnaunau National Historic Park is adjacent to KS lands.

The National Park Service stewards Pu'ukoholā Heiau, which was constructed by Kamehameha I from 1790 to 1791. The area is a significant wahi pana in the Region and serves as an important educational resource for both West Hawai'i and visiting learners.

The U.S. Fish & Wildlife Service stewards the lands that compose the Kona Unit of the Hakalau Forest National Wildlife Refuge in Hōnaunau. The Kona Forest Unit includes lands within the Ho'okena and Kalahiki land divisions on the western slopes of Mauna Loa, at elevations between 2,000 and 6,000 feet, with a remnant of dry 'ōhi'a forest, which includes sandalwood and māmane at the highest elevations (U.S. Fish and Wildlife Service, 2013). The Kona Forest Unit offers protected areas for a variety of endangered species that includes the 'alalā (*Corvus hawaiiensis*), the Hawai'i 'ākepa (*Loxops coccineus*), Hawai'i creeper (*Oreomystis mana*), 'akiapōlā'au (*Hemignathus munroi*), 'io (*Hawaiian hawk*), and 'ōpe'ape'a (*Hawaiian hoary bat*), as well as, several endangered plants and an insect (U.S. Fish and Wildlife Service, 2013).

### STATE OF HAWAII

The State of Hawai'i (State) is the largest landowner in West Hawai'i. The State's lands in West Hawai'i include Waipi'o Valley, Kona International Airport, and conservation lands, including a portion of the Ka'ūpūlehu Dryland Forest, amongst others. The State's Ka'ūpūlehu lands are adjacent to KS lands.

Amongst the state's lands in West Hawai'i are State Parks. Kekaha Kai State Park, formerly known as Kona Coast Park, is located adjacent to KS lands at Makalawena and is an area in which KS experiences a high volume of trespassing. Refer to *Section 5: KS in the Region* for an expanded discussion. Other notable state parks in the region include Kīholo State Park Reserve and Kealakekua Bay State Historical Park.

The state also owns and manages the Kohala Historical Sites State Monument, which includes Mo'okini Heiau and the birthplace of Kamehameha in the ahupua'a of Pu'uepa.

### DEPARTMENT OF HAWAIIAN HOME LANDS (DHHL)

DHHL stewards 38,860 acres in West Hawai'i; approximately one-third is located in Kawaihae and two-thirds are located in Waimea while less than 1,000 acres are located in Kealakehe. Three of DHHL's Regional Plans impact the West Hawai'i Region: Kawaihae Regional Plan, Kealakehe-La'i-Ōpua Regional Plan, and the Waimea Nui Regional Plan. DHHL's Regional Plans—largely published between 2009 and 2011—detail the agency's landholdings as well as planned and potential future development projects. A large majority of DHHL's West Hawai'i lands are located in Waimea and are designated for residential use. Refer to the *Significant Stakeholders* section that follows for discussion on existing and potential partnership opportunities; the *Development in the Region* section that follows also details 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 four plans covering the West Hawai'i Region, in addition to the *County of Hawai'i General Plan* (revised in 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, About CDPs, 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, About CDPs, 2014).

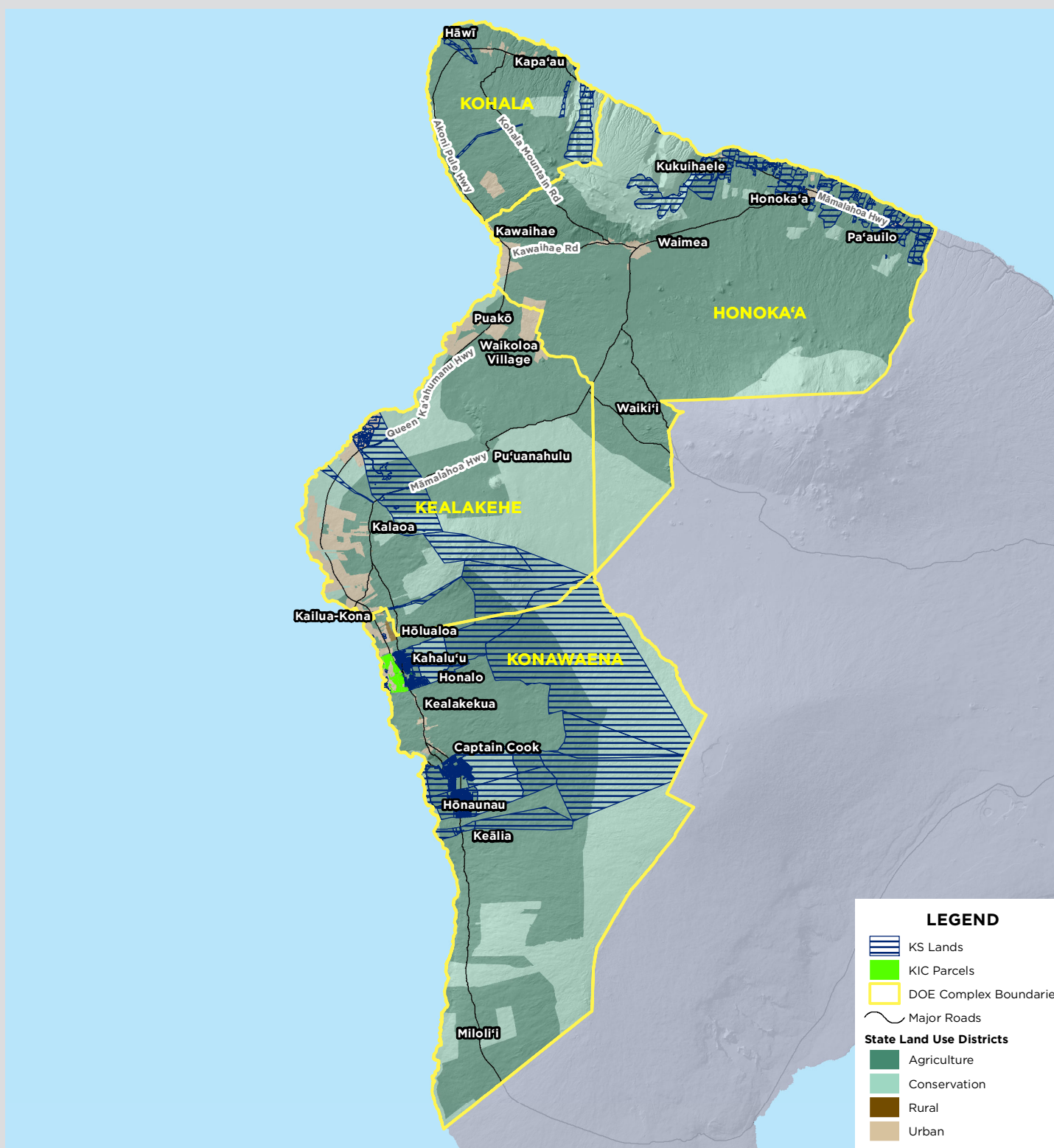
### PRIVATE, FOR-PROFIT RANCHES

There are a number of private, for-profit ranches in the region, including Parker Ranch, Yee Hop, McCandless, and Kealakekua Heritage. Parker Ranch is actively expanding its activities in the Region beyond ranching, including sustainability and education. Yee Hop and Kealakekua Heritage ranches are involved in milling and timber harvesting, respectively.

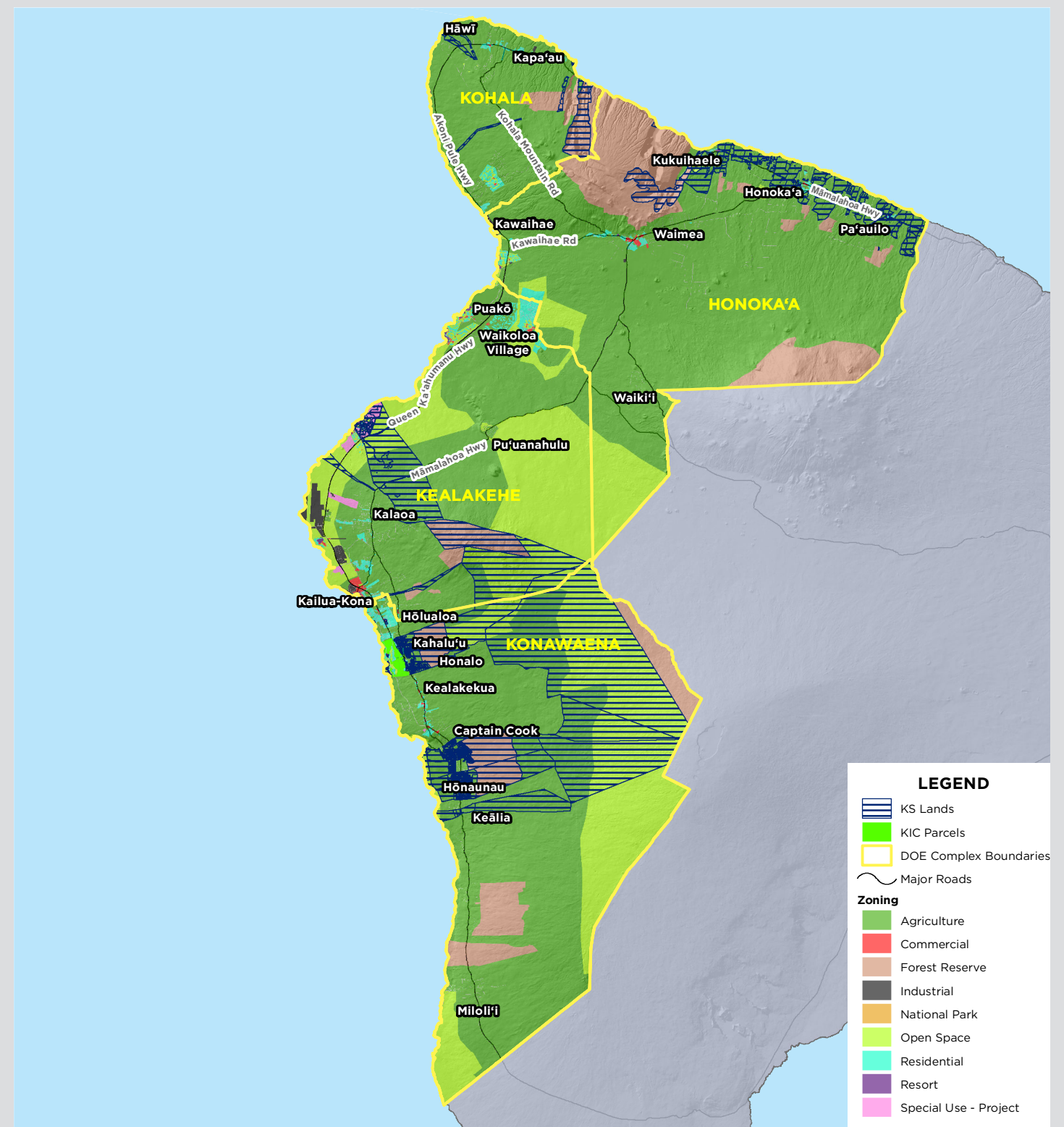
# LAND USE CONSTRAINTS

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



MAP 16: County Zoning

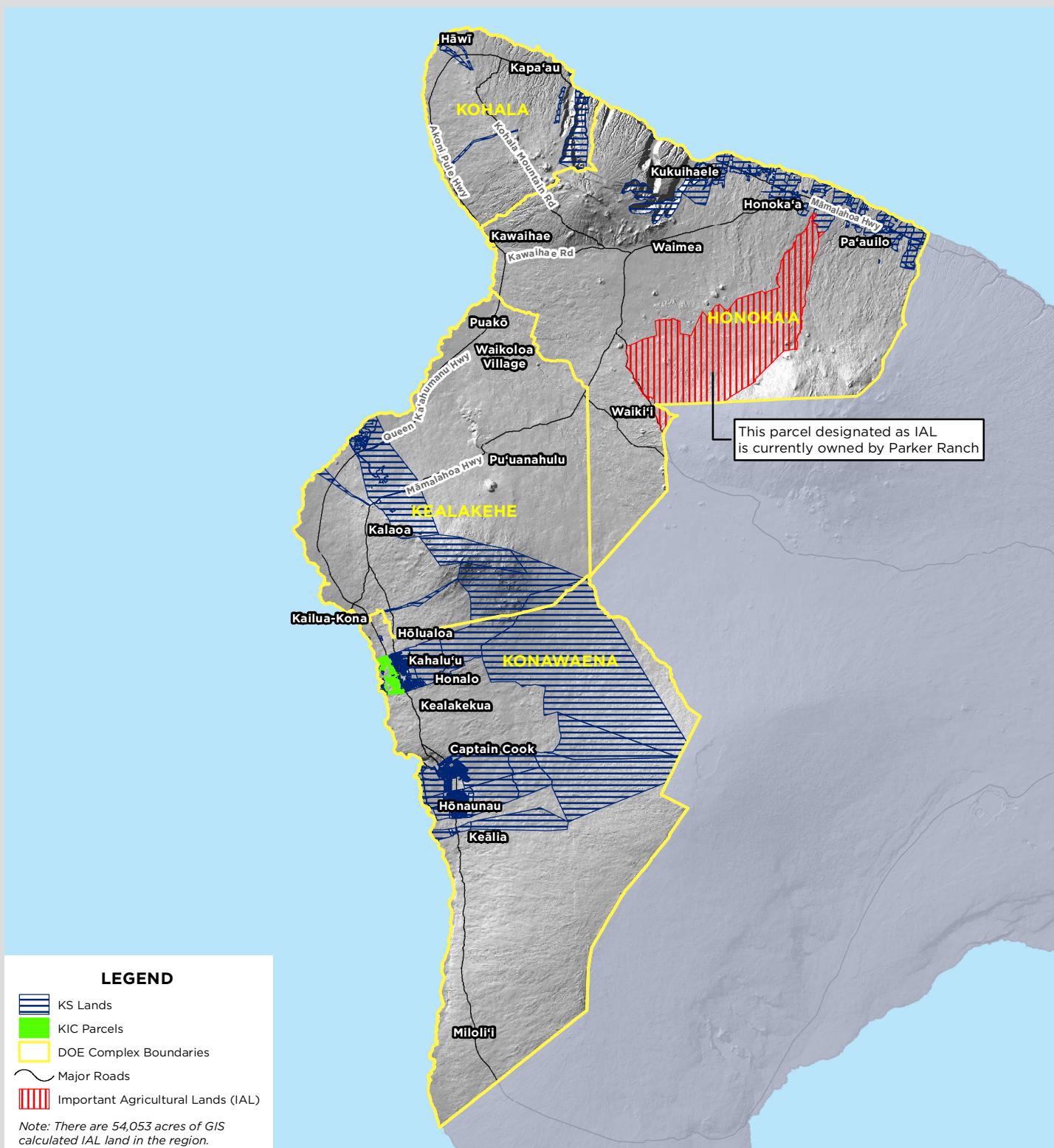


Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
KIC Parcels as of 3/2017 maintained by LIMS;  
KS Campus layer from DBEDT 2011;  
DOE Complexes from Hawaii DBEDT 3/2017;  
Major Roads from TIGER U.S. Census Bureau, 2014;  
State Land Use Districts layer from the State Land Use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

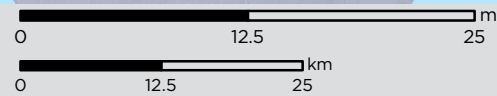
Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
KIC Parcels as of 3/2017 maintained by LIMS;  
KS Campus layer from DBEDT 2011;  
DOE Complexes from Hawaii DBEDT 3/2017;  
Major Roads from TIGER U.S. Census Bureau, 2014;  
County Zoning layer merged into a single layer by Cardno,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

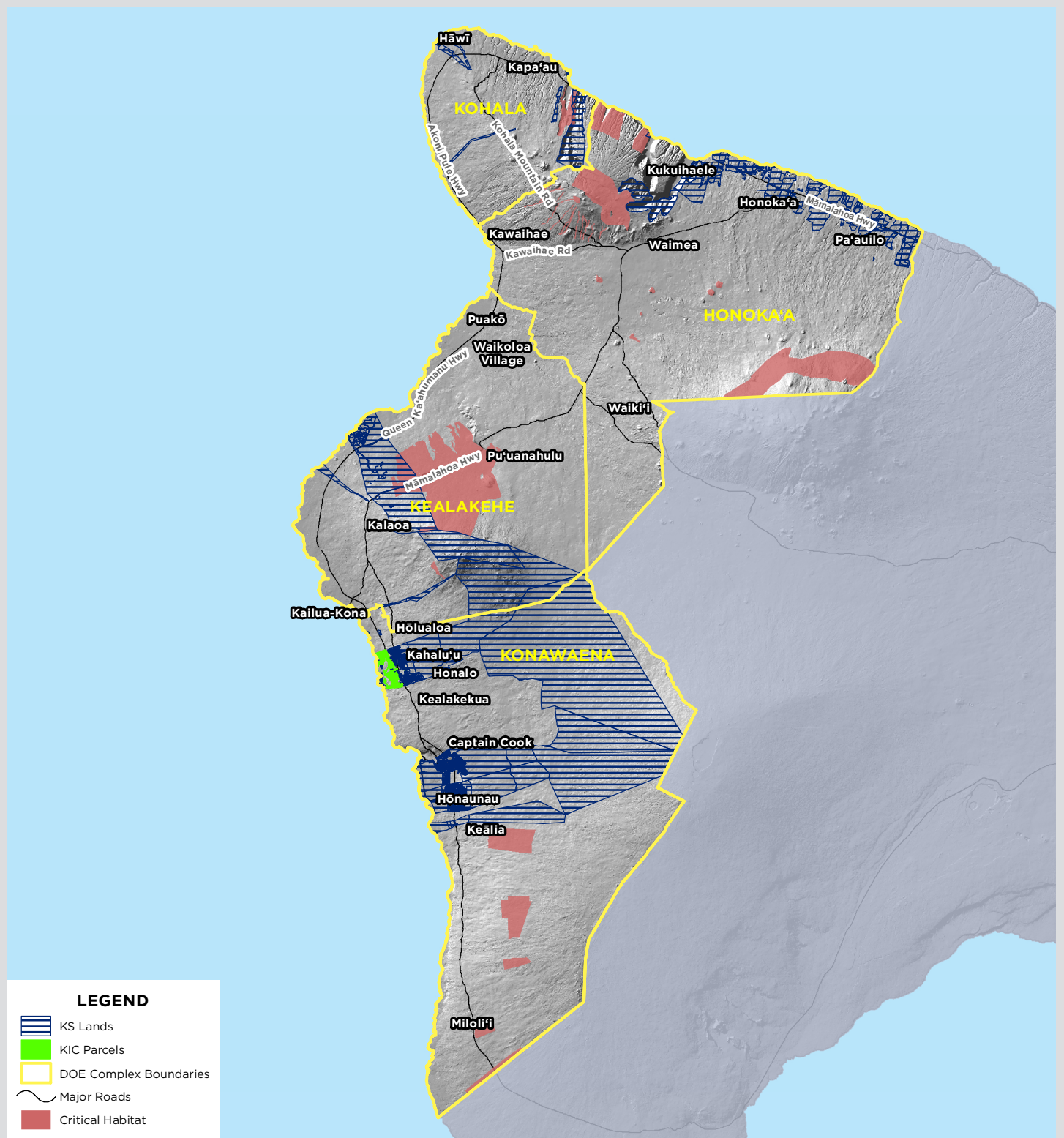
MAP 17: Important Agricultural Lands (IAL)



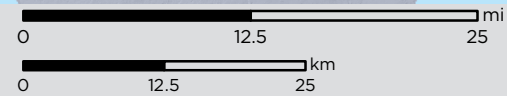
Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
 KIC Parcels as of 3/2017 maintained by LIMS;  
 DOE Complexes from Hawaii DBEDT 3/2017;  
 Major Roads from TIGER U.S. Census Bureau, 2014;  
 Important Agricultural Lands layer from the State Land Use Commission,  
 Oct. 2016.



MAP 18: Critical Habitat



Sources: KS Parcels and Regions layers as of 3/2017 maintained by LIMS;  
 KIC Parcels as of 3/2017 maintained by LIMS;  
 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

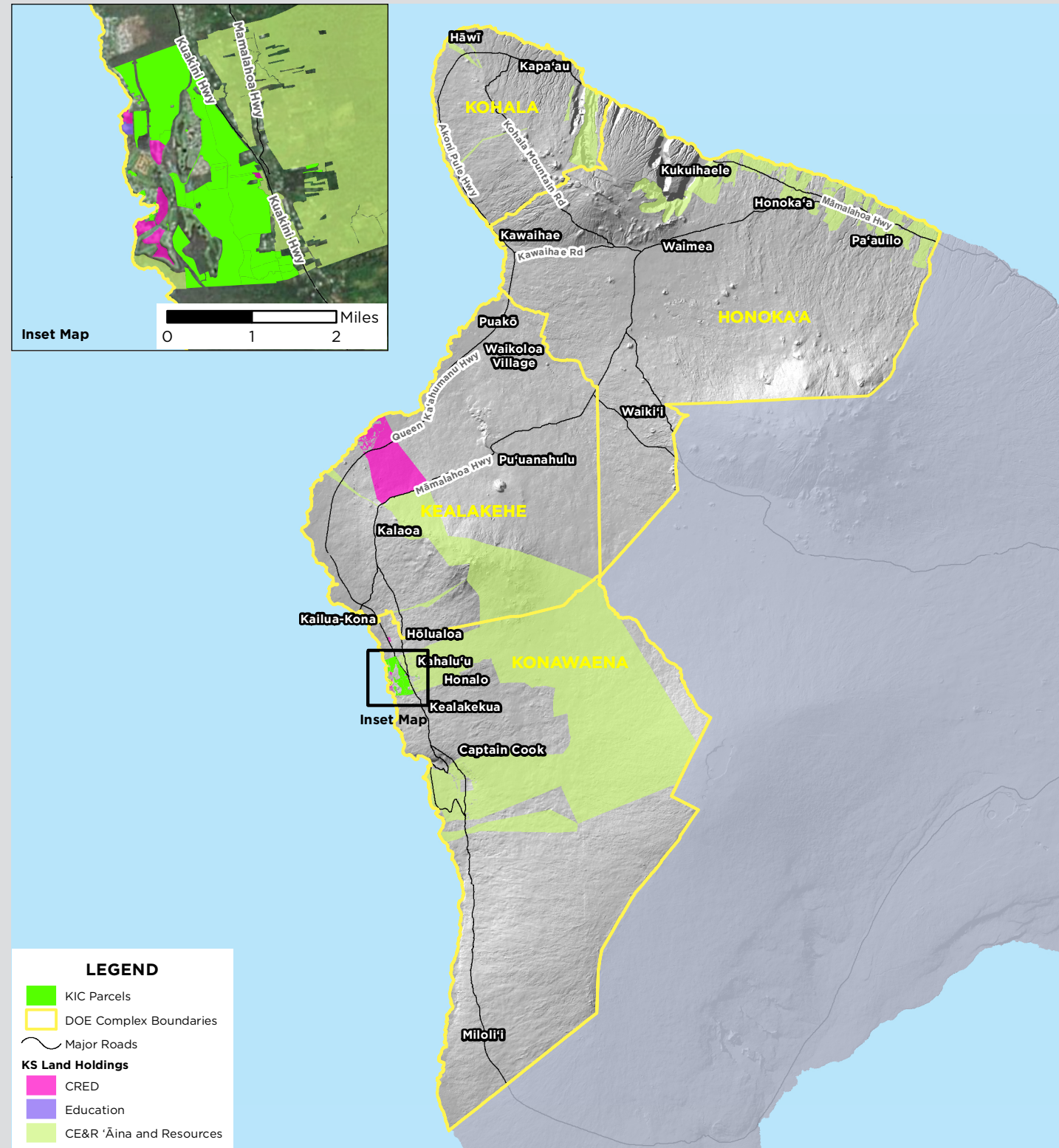
This page presents data and maps regarding KS' landholdings in the Region.

**TABLE 46: KS Landholdings By Management Division**

Steward	Acres
Commercial Real Estate Division	10,312
Education	28
CE&R, Keauhou	63
CE&R 'Āina and Resources	199,048
<b>Total</b>	<b>209,451</b>

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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# 6

## REFERENCES

# REFERENCES

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

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## **2040 Projected Native Hawaiian Population by Age Groups**

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

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Hawai'i Department of Education Trend Report, SY15-16.

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**Rush Hour Drive Times**

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

**Rush Hour Commuters Time and Fuel Summary (2014) (O'ahu Regional Data Books Only)**

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Hawaii County Mass Transit Agency, Hele-On Bus Schedule, Kona/Hilo Bus Schedule, Effective January 20, 2017.

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Hawai'i Association of Independent Schools (HAIS) SY16-17 data compiled by KS and provided to Cardno May 2017.

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#### **Selected Statewide DOE Data**

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 Tend Report, SY14-15; Teacher Qualifications: DOE Tend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, Retention, & Graduation: 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 Tend Report, SY15-16; Teacher Qualifications: DOE Tend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, Retention, & Graduation: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

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SY14-15 Sources: Native Hawaiian Student Concentration: Data provided via special request from the Hawaii P-20 Partnerships for Education to Enterprise Information Management & Services Division (EIMS), Kamehameha Schools, April 2017; Free & Reduced-Price Lunch: DOE Tend Report, SY14-15; Teacher Qualifications: DOE Tend Report, SY14-15; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY14-15; College Developmental Coursework, Enrollment, Retention, & Graduation: Hawaii P-20 College and Career Readiness Indicators Report, SY14-15.

SY15-16 Sources: Native Hawaiian Student Concentration: Data provided via special request from the Hawaii P-20 Partnerships for Education to EIMS, Kamehameha Schools, April 2017; Free & Reduced-Price Lunch: SSIR, SY15-16; Teacher Qualifications: DOE Tend Report, SY15-16; High School Retention, Drop-Out Rate, & Graduation: DOE Trend Report SY15-16; College Developmental Coursework, Enrollment, Retention, & Graduation: Hawaii P-20 College and Career Readiness Indicators Report, SY15-16.

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**Statewide Educational Attainment of the Total Population 25-years and Older**

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**Statewide Educational Attainment of Native Hawaiians 25-years and Older**

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# 7

## 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 HDOE'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](http://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 PAUHI KEIKI SCHOLARS (PKS) DATA**

Pauhi 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](http://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](http://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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