

Appendix 1. General community characteristics: Kea'au-Pāhoa and state of Hawai'i

	State of Hawai'i				Kea'au-Pāhoa			
	Total population		Native Hawaiian		Total population		Native Hawaiian	
	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
<b>POPULATION CHARACTERISTICS</b>								
<b>Age Distribution</b>								
Total population:	1,211,537	100.0	239,655	100.0	31,335	100.0	9,325	100.0
0 to 4	78,163	6.5	24,677	10.3	2,112	6.7	1,073	11.5
5 to 9	84,980	7.0	26,675	11.1	2,655	8.5	1,231	13.2
10 to 14	83,106	6.9	25,660	10.7	2,821	9.0	1,167	12.5
15 to 19	81,002	6.7	23,694	9.9	2,458	7.8	1,010	10.8
20 to 24	83,409	6.9	18,011	7.5	1,591	5.1	650	7.0
25 to 34	171,159	14.1	32,966	13.8	3,353	10.7	1,156	12.4
35 to 44	191,177	15.8	33,354	13.9	5,183	16.5	1,271	13.6
45 to 54	170,979	14.1	24,810	10.4	5,306	16.9	949	10.2
55 to 64	106,961	8.8	15,177	6.3	2,666	8.5	457	4.9
65 to 74	85,262	7.0	9,227	3.9	1,828	5.8	262	2.8
75 to 84	57,775	4.8	4,302	1.8	1,113	3.6	85	0.9
85 years and older	17,564	1.4	1,102	0.5	249	0.8	14	0.2
<b>Median Ages</b>								
Both sexes:	36.2		25.3		36.5		21.3	
Male	35.1		24.5		36.2		20.5	
Female	37.4		26.3		36.7		22.5	
<b>HOUSEHOLD CHARACTERISTICS</b>								
<b>Occupied Housing by Tenure (Own or Rent)</b>								
Total households:	403,240	100.0	58,809	100.0	11,134	100.0	2,276	100.0
Owner occupied	227,888	56.5	30,832	52.4	7,924	71.2	1,362	59.8
Renter occupied	175,352	43.5	27,977	47.6	3,210	28.8	914	40.2
<b>Average Household Size by Tenure (Own or Rent)</b>								
All households:	2.92		3.44		2.79		3.39	
Owner occupied	3.07		3.65		2.72		3.21	
Renter occupied	2.71		3.22		2.98		3.66	
<b>Household Mobility among Community Members: Residence in 1995</b>								
Total population 5 years and older:	1,134,351	100.0	217,228	100.0	29,384	100.0	8,359	100.0
Same house in 1995	643,806	56.8	128,971	59.4	17,045	58.0	4,313	51.6
Different house in 1995:	490,545	43.2	88,257	40.6	12,339	42.0	4,046	48.4
<b>Median Year Structure Built, by Tenure (Own or Rent)</b>								
All households:	1974		1974		1986		1986	
Owner occupied	1975		1976		1987		1988	
Renter occupied	1973		1972		1984		1984	
Median contract rent	\$721		\$651		\$517		\$510	
<b>SOCIAL CHARACTERISTICS</b>								
<b>Community Risk Factors among Adolescents<sup>a</sup></b>								
Eighth-graders reporting "community disorganization"		61.3		76.2		61.3		60.8
Eighth-graders reporting "low neighborhood attachment"		45.0		41.2		45.0		44.3
<b>SOCIOECONOMIC CHARACTERISTICS</b>								
<b>Employment Status by Selected Age Groups</b>								
Total population 16 years and older:	950,055	100.0	158,486	100.0	23,285	100.0	5,624	100.0
In labor force:	612,831	64.5	104,417	65.9	13,865	59.5	3,444	61.2
In Armed Forces	39,036	4.1	654	0.4	8	0.0	5	0.1
Civilian:	573,795	60.4	103,763	65.5	13,857	59.5	3,439	61.1
Employed	537,909	56.6	93,593	59.1	12,223	52.5	2,803	49.8
Unemployed	35,886	3.8	10,170	6.4	1,634	7.0	636	11.3
Unemployment rate	6.3		9.8		11.8		18.5	
Not in labor force	337,224	35.5	54,069	34.1	9,420	40.5	2,180	38.8
<b>Industry of Employment</b>								
Total civilian workers ages 16 and older:	537,909	100.0	93,593	100.0	12,223	100.0	2,803	100.0
Agriculture, forestry, fishing and hunting, and mining	12,119	2.3	2,015	2.2	1,499	12.3	203	7.2
Construction	32,180	6.0	6,963	7.4	982	8.0	236	8.4
Manufacturing	18,979	3.5	2,772	3.0	394	3.2	120	4.3
Wholesale trade	17,188	3.2	2,954	3.2	515	4.2	134	4.8
Retail trade	65,693	12.2	11,408	12.2	1,531	12.5	358	12.8
Transportation and warehousing, and utilities	33,559	6.2	8,664	9.3	428	3.5	120	4.3
Information	13,278	2.5	2,313	2.5	249	2.0	48	1.7
Finance, insurance, real estate and rental and leasing	37,867	7.0	6,141	6.6	482	3.9	138	4.9
Professional, scientific, management, administrative, and waste management services	51,039	9.5	7,786	8.3	1,000	8.2	259	9.2
Educational, health, and social services	102,254	19.0	15,851	16.9	2,300	18.8	439	15.7
Arts, entertainment, recreation, accommodation and food services	86,189	16.0	14,701	15.7	1,303	10.7	300	10.7
Other services (except public administration)	23,853	4.4	4,174	4.5	644	5.3	213	7.6
Public administration	43,711	8.1	7,851	8.4	896	7.3	235	8.4

(cont'd)

## Appendix1 (cont'd). General community characteristics: Kea'au-Pāhoa and state of Hawai'i

	State of Hawai'i				Kea'au-Pāhoa			
	Total population		Native Hawaiian		Total population		Native Hawaiian	
	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
<b>Occupation of Employment</b>								
Total civilian workers ages 16 and older:	537,909	100.0	93,593	100.0	12,223	100.0	2,803	100.0
Management, professional, and related occupations	173,437	32.2	21,349	22.8	3,713	30.4	588	21.0
Service occupations	112,660	20.9	22,189	23.7	2,237	18.3	669	23.9
Sales and office occupations	151,025	28.1	27,171	29.0	2,826	23.1	692	24.7
Farming, fishing, and forestry occupations	6,909	1.3	1,308	1.4	805	6.6	132	4.7
Construction, extraction, and maintenance occupations	46,054	8.6	10,230	10.9	1,361	11.1	366	13.1
Production, transportation, and material moving occupations	47,824	8.9	11,346	12.1	1,281	10.5	356	12.7
<b>Household Income</b>								
Median household income in 1999	\$49,820		\$45,381		\$31,055		\$31,358	
<b>Selected Sources of Household Income</b>								
Total households:	403,572	100.0	58,791	100.0	11,162	100.0	2,273	100.0
With wage or salary income	320,844	79.5	49,409	84.0	7,593	68.0	1,696	74.6
With self-employment income	59,796	14.8	7,210	12.3	2,240	20.1	316	13.9
With interest, dividends, or net rental income	183,546	45.5	17,993	30.6	3,750	33.6	508	22.3
With Social Security income	112,350	27.8	13,046	22.2	3,002	26.9	448	19.7
With Supplemental Security Income (SSI)	14,455	3.6	2,482	4.2	707	6.3	142	6.2
With public assistance income	28,886	7.2	8,623	14.7	1,748	15.7	553	24.3
With retirement income	85,662	21.2	10,665	18.1	2,039	18.3	304	13.4

<sup>a</sup> Klinge, R.S. 2003. Ka leo o nā keiki: The 2002 Hawaiji Student Alcohol, tobacco, and other Drug Use Study (1987-2002). Hawaiji adolescent prevention and treatment needs assessment. Native Hawaiians are defined as students who identify themselves as Hawaiian or part-Hawaiian. Community disorganization is defined as prevalence of crime, violence, and delinquency in the neighborhood. Low neighborhood attachment is defined as a lack of connection to the community.

## Appendix 2. General educator/education system characteristics: Kea'au-Pāhoa and state of Hawai'i

	State of Hawai'i				Kea'au-Pāhoa			
	Total population		Native Hawaiian		Total population		Native Hawaiian	
	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
<b>ENROLLMENT CHARACTERISTICS</b>								
<b>School Enrollment by Level and Type of School</b>								
Enrolled in nursery school, preschool:	17,909	100.0	5,439	100.0	397	100.0	165	100.0
Public school	7,529	42.0	2,508	46.1	204	51.4	97	58.8
Private school	10,380	58.0	2,931	53.9	193	48.6	68	41.2
Enrolled in elementary school (kindergarten to grade 4)	85,027	100.0	27,118	100.0	2,748	100.0	1,241	100.0
Public school	73,869	86.9	24,239	89.4	2,509	91.3	1,131	91.1
Private school	11,158	13.1	2,879	10.6	239	8.7	110	8.9
Enrolled in middle school (grade 5 to grade 8):	67,988	100.0	21,497	100.0	2,308	100.0	917	100.0
Public school	56,657	83.3	18,747	87.2	2,045	88.6	837	91.3
Private school	11,331	16.7	2,750	12.8	263	11.4	80	8.7
Enrolled in high school (grade 9 to grade 12):	70,170	100.0	21,439	100.0	2,455	100.0	1,119	100.0
Public school	58,173	82.9	18,207	84.9	2,286	93.1	1,065	95.2
Private school	11,997	17.1	3,232	15.1	169	6.9	54	4.8
<b>School Enrollment by Age of Learner</b>								
Children ages 3 to 17 enrolled in school:	226,270	91.2	71,570	91.2	7,472	92.6	3,291	92.2
3 and 4 years	15,460	49.9	4,569	47.5	380	47.3	158	47.4
5 to 9 years	81,782	96.0	26,325	96.3	2,587	98.3	1,179	98.2
10 to 14 years	82,233	98.7	26,273	98.8	2,860	98.3	1,197	97.1
15 to 17 years	46,795	96.2	14,403	96.4	1,645	95.5	757	94.4
<b>Department of Education Enrollments<sup>a</sup></b>								
Enrolled in DOE Kindergarten to Grade 12	179,918		48,517		4,661		2,042	
Enrolled in DOE Kindergarten to Grade 3	55,962		15,666		1,414		734	
Enrolled in Special Education programs <sup>bc</sup>	20,942	12.0		17.5		15.0	19	
<b>EDUCATOR CHARACTERISTICS</b>								
<b>Educators within the Community</b>								
Total workers age 16 and older	537,909	100.0	93,593	100.0	12,223	100.0	2,803	100.0
Education, training, and library occupations:	33,369	6.2	4,866	5.2	953	7.8	179	6.4
Postsecondary teachers	4,943	0.9	301	0.3	96	0.8	10	0.4
Teachers, primary, secondary, and special education:	19,338	3.6	2,523	2.7	510	4.2	63	2.2
Teachers, preschool, kindergarten, elementary, and middle school	14,943	2.8	1,893	2.0	330	2.7	33	1.2
Teachers, secondary school	3,507	0.7	491	0.5	119	1.0	15	0.5
Teachers, special education	888	0.2	139	0.1	61	0.5	15	0.5
Librarians, curators, and archivists	1,354	0.3	200	0.2	35	0.3	14	0.5
Other teachers, instructors, education, training, and library occupations	7,734	1.4	1,842	2.0	312	2.6	92	3.3
<b>Teacher Experience and Attitudes</b>								
<b>Experience:<sup>d</sup></b>								
Average years of teaching experience	11.5				11.3			
Percentage with five or more years teaching at current school		52.0				52.2		
Percentage who have attained advanced degrees		27.0				32.1		
<b>Attitudes:<sup>e</sup></b>								
Percentage reporting a safe school environment		68.2 <sup>e</sup>				63.8		

<sup>a</sup> Hawai'i Department of Education, Planning and Evaluation Branch, Unpublished data set for school year 2005-06; tabulations by Kamehameha Schools-PASE. Native Hawaiian is defined as the predominant race or ethnicity of students, including full- or part-Hawaiian, based on parent reports.

<sup>b</sup> Hawai'i Department of Education, Planning and Evaluation Branch, Unpublished data set for school year 2004-05; tabulations by Kamehameha Schools-PASE. Native Hawaiian is defined as the predominant race or ethnicity of students, including full- or part-Hawaiian, based on parent reports.

<sup>c</sup> Percentages are based on end-of-year enrollment and include students whose special education referral is pending.

<sup>d</sup> Hawai'i Department of Education, Planning and Evaluation Office, 2005 Superintendent's 16th Annual Report, pg. 19; tabulations (weighted average) by Kamehameha Schools-PASE for areas smaller than HS Complex.

<sup>e</sup> Hawai'i Department of Education, Planning and Evaluation Branch, School Quality Survey SY2004-05; tabulations (weighted average) by Kamehameha Schools-PASE for areas smaller than HS Complex. Latest State data are 2001.

Appendix 3. General family/caregiver characteristics: Kea'au-Pāhoa and state of Hawai'i

	State of Hawai'i				Kea'au-Pāhoa			
	Total population		Native Hawaiian		Total population		Native Hawaiian	
	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
<b>HOUSEHOLD AND FAMILY CHARACTERISTICS</b>								
<b>Household Types</b>								
Total households:	403,240	100.0	58,809	100.0	11,134	100.0	2,276	100.0
Single-person households:	88,153	21.9	8,737	14.9	2,709	24.3	343	15.1
Family households:	287,068	71.2	46,309	78.7	7,612	68.4	1,805	79.3
Married-couple family:	216,077	53.6	29,597	50.3	5,339	48.0	1,114	48.9
With own children under 18 years	96,758	24.0	15,983	27.2	2,480	22.3	646	28.4
Single-parent family:	70,991	17.6	16,712	28.4	2,273	20.4	691	30.4
With own children under 18 years	32,564	8.1	9,266	15.8	1,462	13.1	491	21.6
Nonfamily households:	28,019	6.9	3,763	6.4	813	7.3	128	5.6
<b>Average Family Size</b>								
Average family size	2.92		3.44		3.34		3.70	
<b>Subfamilies</b>								
Total households:	403,572	100.0	58,791	100.0	11,162	100.0	2,273	100.0
No subfamilies	377,093	93.4	53,071	90.3	10,696	95.8	2,135	93.9
Any subfamilies (nuclear family units who are related to householder)	26,479	6.6	5,720	9.7	466	4.2	138	6.1
<b>Grandparents Living with Grandchildren</b>								
Grandparent living with own grandchildren under 18 years:	49,237	100.0	10,586	100.0	1,030	100.0	254	100.0
Grandparent responsible for own grandchildren under 18 years	14,029	28.5	4,032	38.1	329	31.9	153	60.2
<b>EDUCATIONAL CHARACTERISTICS</b>								
<b>School Enrollment</b>								
Adults 18 years and older enrolled in school:	94,572	10.3	16,953	11.4	1,839	8.3	540	10.5
18 and 19 years	18,336	58.2	4,339	50.3	420	62.4	121	51.7
20 to 24 years	27,771	33.4	4,949	27.0	413	24.6	141	20.3
25 to 34 years	22,542	13.4	3,341	10.6	303	9.6	49	5.3
35 years and over	25,923	4.1	4,324	4.8	703	4.2	229	7.0
<b>Educational Attainment</b>								
Total adults 25 years and older:	802,477	100.0	121,377	100.0	19,767	100.0	4,193	100.0
Attained high school diploma or higher	678,666	84.6	103,186	85.0	16,386	82.9	3,502	83.5
Attained bachelor's degree or higher	210,041	26.2	15,316	12.6	3,676	18.6	379	9.0
<b>SOCIAL CHARACTERISTICS</b>								
<b>Family Protective Factors</b>								
Eighth-graders reporting "family attachment" <sup>a</sup>		51.7		56.5		53.2		65.3
Parents reporting involvement in child's homework/other school functions <sup>b</sup>		63.2				58.7		
<b>SOCIOECONOMIC CHARACTERISTICS</b>								
<b>Travel Time to Work</b>								
Total workers 16 years and older:	563,154	100.0	91,848	100.0	11,849	100.0	2,713	100.0
Works at home	20,196	3.6	2,429	2.6	1,034	8.7	148	5.5
Commutes less than 30 minutes	331,622	58.9	51,703	56.3	5,646	47.6	1,512	55.7
Commutes 30 minutes to 89 minutes	198,456	35.2	34,766	37.9	4,642	39.2	969	35.7
Commutes 90 minutes or more	12,880	2.3	2,950	3.2	527	4.4	84	3.1
<b>Median Family Income</b>								
Median family income in 1999	\$56,961		\$49,282		\$36,701		\$34,163	
<b>Per Capita Income</b>								
Per capita income in 1999	\$21,525		\$14,199		\$14,137		\$9,321	
<b>Families Living in Poverty (with income in 1999 below poverty)</b>								
All families:	22,101	7.6	6,566	14.1	1,469	19.0	511	27.3
With related children under 18 years:	17,182	11.3	5,722	18.3	1,194	26.5	435	31.8
Any children under 5 years	8,470	13.9	2,913	22.8	456	30.5	151	35.6
Any children 5 to 17 years	13,888	11.2	4,628	17.5	1,006	26.2	373	30.5
Married-couple family:	9,350	4.2	1,952	6.5	586	10.4	154	12.9
With related children under 18 years:	6,298	5.7	1,553	8.1	386	12.9	108	13.0
<b>Social Program Participation</b>								
Persons receiving TANF (Temporary Assistance to Needy Families) <sup>c</sup>		5.4				21.6		
Families receiving Food Stamps <sup>c</sup>		13.2				45.8		

<sup>a</sup> Kingle, R.S. 2003. Ka leo o nā keiki: The 2002 Hawaiji Student Alcohol, tobacco, and other Drug Use Study (1987-2002), Hawaiji adolescent prevention and treatment needs assessment. Native Hawaiians are defined as students who identify themselves as Hawaiian or part-Hawaiian. Community disorganization is defined as prevalence of

<sup>b</sup> Hawai'i Department of Education, Planning and Evaluation Branch, School Quality Survey 2004-05; tabulations by Kamehameha Schools.

<sup>c</sup> Hawai'i Department of Human Services, TANF and food stamps data 1999 (as cited by UH-Mānoa, Center on the Family, Data Center [http://uhfamily.hawaii.edu/Cof\\_Data/profiles/profiles.asp](http://uhfamily.hawaii.edu/Cof_Data/profiles/profiles.asp)).

## Appendix 4. General child characteristics: Kea'au-Pāhoa and state of Hawai'i

	State of Hawai'i				Kea'au-Pāhoa			
	Total population		Native Hawaiian		Total population		Native Hawaiian	
	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.
<b>POPULATION CHARACTERISTICS</b>								
<b>Age Distribution</b>								
Total population:	1,211,537	100.0	239,655	100.0	31,335	100.0	9,325	100.0
Children: 0-17 years	295,767	24.4	92,219	38.5	9,258	29.5	4,148	44.5
Children: 0-2 years	46,412	3.8	14,724	6.1	1,220	3.9	655	7.0
Children: 3-4 years	31,751	2.6	9,953	4.2	892	2.8	418	4.5
Children: 5-8 years	84,980	7.0	26,675	11.1	2,080	6.6	974	10.4
Children: 9-17 years	132,624	10.9	40,867	17.1	5,066	16.2	2,101	22.5
<b>EDUCATIONAL CHARACTERISTICS</b>								
<b>Third Grade: Academic Achievement<sup>a</sup></b>								
SAT reading:								
Above Average Scores		23.6		15.3		21.6		15.6
Below Average Scores		18.1		23.4		21.0		19.1
SAT Math:								
Above Average Scores		38.1		28.5		28.0		24.5
Below Average Scores		13.1		17.4		17.2		17.5
HSA:								
Proficiency in Reading		51.8		42.2		45.0		46.2
Proficiency in Math		28.5		20.7		20.6		18.9
<b>HEALTH AND SAFETY CHARACTERISTICS</b>								
<b>Disability among Children</b>								
Total children ages 5 to 15 years:	184,176	100.0	58,728	100.0	6,099	100.0	2,735	100.0
With one type of disability:	7,055	3.8	2,705	4.6	303	5.0	152	5.6
Sensory disability	604	0.3	241	0.4	68	1.1	33	1.2
Physical disability	554	0.3	259	0.4	15	0.2	0	0.0
Mental disability	5,804	3.2	2,188	3.7	215	3.5	114	4.2
Self-care disability	93	0.1	17	0.0	5	0.1	5	0.2
With two or more types of disability:	1,664	0.9	591	1.0	47	0.8	33	1.2
Includes self-care disability	1,053	0.6	348	0.6	33	0.5	21	0.8
Does not include self-care disability	611	0.3	243	0.4	14	0.2	12	0.4
No disability	175,457	95.3	55,432	94.4	5,749	94.3	2,550	93.2
<b>Dental Health<sup>b</sup></b>								
Children ages 6 to 8 with untreated tooth decay (2002)		36.0						
<b>Emotional Health<sup>c,d</sup></b>								
Child abuse rate (per 1,000) children (2000)		11.1			13.3 <sup>c</sup>		9.8 <sup>d</sup>	
<b>SOCIOECONOMIC CHARACTERISTICS</b>								
<b>Children Living in Poverty</b>								
Total population living in poverty in 1999:	126,154	10.7	38,007	16.0	7,334	23.7	2,949	32.8
Children (younger than 18 years):	40,542	14.1	17,940	19.7	2,846	31.5	1,573	39.4
Children 0 to 5 years	13,940	15.3	6,149	21.3	756	33.4	405	40.8
Children 6 to 17 years	26,602	13.5	11,791	19.0	2,090	30.9	1,168	39.0
<b>Free/Reduced Lunch Beneficiaries<sup>e</sup></b>								
Children receiving free/reduced lunch benefits	82,178	39.1	29,232	54.3	2,020	82.6	933	86.3
<b>Other Program Beneficiaries<sup>f</sup></b>								
<b>Children ages 0 to 2 years:</b>								
Low income			10,696	66.5			592	86.4
WIC (Women, Infants & Children)			9,651	60.0			555	81.0
Food Stamps								
Medicaid (MedQuest)								
TANF (Temporary Aid to Needy Families)			2,269	14.1			218	31.8
TANF and Food Stamps								
TANF and Medicaid								
Healthy Start			1,667	10.4			102	14.9
Public Health Nursing Home Visiting Services (ages 0 to 3 years)							23	
<b>Children ages 3 to 4 years:</b>								
Low income			6,363	66.3			325	86.3
WIC (Women, Infants & Children)			4,005	41.7			246	60.3
Food Stamps			1,733	18.0			165	40.4
Medicaid (MedQuest)			972	10.1			55	13.5
TANF (Temporary Aid to Needy Families)			1,328	13.8			132	32.4
TANF and Food Stamps			3,061	31.9			297	72.8
TANF and Medicaid			2,300	24.0			187	45.8
Healthy Start			249	2.6			18	4.4
Public Health Nursing Home Visiting Services (ages 0 to 3 years)								

<sup>a</sup> Hawai'i Department of Education, Planning and Evaluation Branch, Unpublished data set for school year 2004-05; tabulations by Kamehameha Schools-PASE. Native Hawaiian is defined as the predominant race or ethnicity of students, including full- or part-Hawaiian, based on parent reports.

<sup>b</sup> Hawai'i Department of Health, Dental Health Division 2002 (as cited by UH-Mānoa, Center on the Family, Data Center [http://uhfamily.hawaii.edu/Cof\\_Data/profiles/profiles.asp](http://uhfamily.hawaii.edu/Cof_Data/profiles/profiles.asp)).

<sup>c</sup> Hawai'i Department of Human Services (as cited by UH-Mānoa, Center on the Family, Data Center [http://uhfamily.hawaii.edu/Cof\\_Data/profiles/profiles.asp](http://uhfamily.hawaii.edu/Cof_Data/profiles/profiles.asp)).

<sup>d</sup> Data from various data sources tabulated by Children's Budget Project, Hawai'i Kids Watch for Ho'owaiwai Nā Kamali'i 2002.

<sup>e</sup> Hawai'i Department of Education, Planning and Evaluation Branch, Unpublished data set for school year 2004-05; tabulations by Kamehameha Schools-PASE. Native Hawaiian is defined as the predominant race or ethnicity of students, including full- or part-Hawaiian, based on parent reports.

<sup>f</sup> Data are from various data sources tabulated by Children's Budget Project, Hawai'i Kids Watch for Ho'owaiwai Nā Kamali'i 2002.