



## New HIV Infection Diagnoses in Hawai'i, 2009-2013

There were 460 cases of HIV infection including AIDS diagnosed in Hawai'i between 2009 and 2013 and reported by the end of 2014. In this time period:

- ◆ Of the 460 HIV infections, 186 (40.4%) were AIDS cases and 274 (59.6%) were HIV (not AIDS) cases.

- ◆ Over half of the cases (52.4%) were diagnosed in individuals age 25-44.

- ◆ The proportion and number of Honolulu County HIV infection cases decreased, from 83.8% (83 cases) in 2009 to 67.0% (61 cases) in 2013. Honolulu County accounts for 75.0% of all the state's HIV infection with 345 cases in this period. The proportions and numbers of HIV infection cases in Hawai'i and Maui Counties increased in the same time period, while Kaua'i County had minimal changes (Figure 1).

- ◆ Women accounted for a decreasing proportion of HIV infection cases, from 18.2% (18 cases) in 2009 to 6.6% (6 cases) in 2013. Men account for a considerably larger proportion of HIV infection cases in the time period (Figure 2).

- ◆ Overall, number and proportion of HIV infection cases for Caucasians and African-Americans decreased during the 2009-2013 period while the proportion and cases for all other racial/ethnic groups (Hispanics, Asian, Hawaiian and Pacific Islanders, multiple race increased (Table 1)).

Figure 1. Percentages of HIV Infection Cases by County, 2009-2013 (N=460)

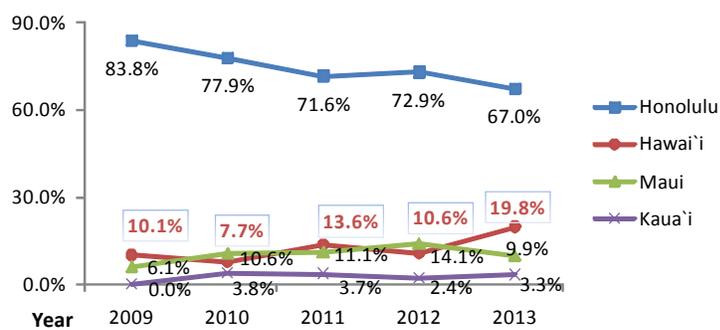


Figure 2. Percentages of HIV Infection Cases by Gender, 2009-2013 (N=460)

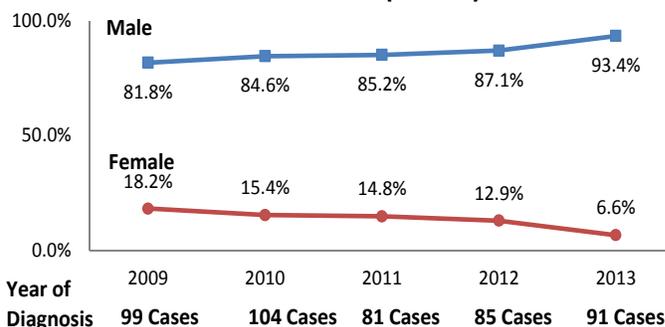
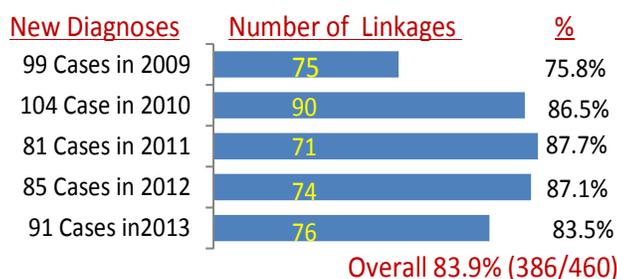


Table 1. HIV Infection Cases by Race/Ethnicity, Hawaii, 2009-2013

Race/Ethnicity	2009		2010		2011		2012		2013		5 YEARS	
	No	%	No	%	No	%	No	%	No	%	No	%
Caucasian	43	43.4%	37	35.6%	31	38.3%	29	34.1%	26	28.6%	166	36.1%
Afri.American	13	13.1%	8	7.7%	9	11.1%	0	0.0%	3	3.3%	33	7.2%
Asian	19	19.2%	29	27.9%	16	19.8%	21	24.7%	23	25.3%	108	23.5%
Hawaiian/ PI	11	11.1%	17	16.3%	12	14.8%	12	14.1%	15	16.5%	67	14.6%
Hispanic	7	7.1%	4	3.8%	4	4.9%	11	12.9%	13	14.3%	39	8.5%
Other	6	6.1%	9	8.7%	9	11.1%	12	14.1%	11	12.1%	47	10.2%
<b>Total</b>	<b>99</b>		<b>104</b>		<b>81</b>		<b>85</b>		<b>91</b>		<b>460</b>	

Figure 3. Linkage to HIV Care within 3 Months After Initial HIV Diagnosis, Hawai'i, 2009-2013



- ◆ Men who have sex with men (MSM) accounted for the majority of cases (62.2%, 286, followed by heterosexual contact (8.9%, 41), injection drug use (IDU) (6.3%, 29) and MSM/IDU (3.3%, 15). The proportion of HIV infection cases attributed to heterosexual contact decreased from 13.1% in 2009 to 3.3% in 2013, while those in the unknown/other group increased from 14.1% in 2009 to 26.4% in 2013. Cases reported with an unknown risk are under investigation to identify the risk. The proportions of HIV infections for the remaining risk groups either fluctuated or remained relatively stable during 2009-2013.

- ◆ Of the 460 newly diagnosed individuals 83.9% (386) were linked to HIV medical care (defined as >1 CD4 or viral load tests within 3 month following initial diagnoses) as shown in Figure 3.