

Hawaii Daytime Population Facts

U.S. Census Bureau released Census 2000 data on the daytime population on October 20, 2005.

Daytime population is the number of people who are present in an area during normal business hours. This is calculated as the resident population living in the area plus people working in that area during business hours subtracting all the workers who live in the area.

The estimates of daytime population only adjust resident populations for travel into or out of an area for work purposes. No adjustment is made for travel into the area for other purposes such as school, shopping, recreation, tourism, health care or for any other trip purpose. Furthermore, the adjustments to resident population reflected in these “daytime” population estimates do not take the time of day work trips are made into account. The simplifying assumption is made that all workers leave the area in the morning and return to the area in the evening.

Data released include the number of workers working in the area, the number of workers living in the area, the estimated daytime population, the number and percent change due to commuting, the number and percent of the workers who lived in the area that also worked in the area, and the employment-residence ratio (workers working/workers living in).

The following are a few facts from the data for Hawaii:

- Statewide, there were about 7,000 workers commuting between counties for work. Honolulu County had the most workers commuting from neighbor counties at 4,168 workers, following by Maui County at 1,309 workers, Hawaii County at 1,111, and Kauai County at 399 workers.
- At the county level, the difference of daytime population and resident population were small. The largest difference was in Maui County where daytime population was 401 people more than the nighttime and this was the only county in the state that had more daytime population. This also means that there were more commuting workers came from other counties to Maui than Maui residents working in other counties at daytime. Honolulu County had 360 fewer people at daytime than nighttime. Hawaii County’s daytime population was 168 people shorter than nighttime, and Kauai County had only a 45-person difference between daytime and nighttime.
- By CDP (Census Designated Place), Honolulu topped the list with 118,486 workers commuted from outside of Honolulu, which accounted for 44.5 percent of all the workers. Kahului had 9,496 commuters which account for 73.1 percent of all workers in the area. Hilo had 9,020 workers who traveled from outside of Hilo, and accounted for 39.9 percent of the area workers. Schofield Barracks had

7,547 commuters, which accounted for 58.1 percent of all people working in the area.

- The data covers only partial of the daytime population since visitors, students, shoppers, hospital visitors, and other daytime travelers are not included.

Source: Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division.

Table 1. Hawaii Daytime Population by County: 2000

State/County (1)	Total resident population (2)	Total workers working in the area (3)	Total workers living in the area (4)	Estimated daytime population (5) = (2)+(3)-(4)	Daytime population change due to commuting		Workers who lived and worked in the same county		Employment residence ratio (10) = (3)/(4)	Number of commuters (11) = (3)-(8)	Percent of commuters (12) = (11)/(3)*100
					Number (6) = (5)-(2)	Percent (7) = (6)/(2)*100	Number (8)	Percent (9) = (8)/(4)*100			
State	1,211,537	562,982	563,154	1,211,365	-172	0.0	555,995	98.7	1.00	6,987	1.2
Hawaii County	148,677	63,233	63,401	148,509	-168	-0.1	62,122	98.0	1.00	1,111	1.8
Honolulu County	876,156	411,890	412,250	875,796	-360	0.0	407,722	98.9	1.00	4,168	1.0
Kauai County	58,463	26,138	26,183	58,418	-45	-0.1	25,739	98.3	1.00	399	1.5
Maui County	128,241	61,721	61,320	128,642	401	0.3	60,412	98.5	1.01	1,309	2.1

Source: U.S. Census Bureau; calculations by the Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division.

Table 2. Hawaii Daytime Population by CDP: 2000

Place (1)	Total resident population (2)	Total workers working in the area (3)	Total workers living in the area (4)	Estimated daytime population (5) = (2)+(3)-(4)	Daytime population change due to commuting		Workers who lived and worked in the same county		Employment residence ratio (10) = (3)/(4)	Number of commuters (11) = (3)-(8)	Percent of commuters (12) = (11)/(3)*100
					Number	Percent	Number	Percent			
					(6) = (5)-(2)	(7) = (6)/(2)*100	(8)	(9) = (8)/(4)*100			
Honolulu CDP, HI	371,657	266,374	173,069	464,962	93,305	25.1	147,888	85.5	1.54	118,486	44.5%
Kahului CDP, HI	20,146	12,992	8,203	24,935	4,789	23.8	3,496	42.6	1.58	9,496	73.1%
Hilo CDP, HI	40,759	22,608	16,578	46,789	6,030	14.8	13,588	82.0	1.36	9,020	39.9%
Schofield Barracks CDP, HI	14,428	12,999	7,724	19,703	5,275	36.6	5,452	70.6	1.68	7,547	58.1%
Waimalu CDP, HI	29,371	9,001	16,481	21,891	-7,480	-25.5	1,611	9.8	0.55	7,390	82.1%
Kailua CDP, HI	9,870	9,992	4,826	15,036	5,166	52.3	2,921	60.5	2.07	7,071	70.8%
Lihue CDP, HI	5,674	8,193	2,632	11,235	5,561	98.0	1,664	63.2	3.11	6,529	79.7%
Wailuku CDP, HI	12,296	8,271	5,602	14,965	2,669	21.7	1,901	33.9	1.48	6,370	77.0%
Hickam Housing CDP, HI	5,471	7,597	2,386	10,682	5,211	95.2	1,387	58.1	3.18	6,210	81.7%
Waipahu CDP, HI	33,108	6,883	12,594	27,397	-5,711	-17.2	1,515	12.0	0.55	5,368	78.0%
Kaneohe CDP, HI	34,970	8,262	16,699	26,533	-8,437	-24.1	3,043	18.2	0.49	5,219	63.2%
Halawa CDP, HI	13,891	5,635	6,690	12,836	-1,055	-7.6	622	9.3	0.84	5,013	89.0%
Pearl City CDP, HI	30,976	6,330	15,568	21,738	-9,238	-29.8	1,338	8.6	0.41	4,992	78.9%
Kailua CDP, HI	36,513	8,965	18,344	27,134	-9,379	-25.7	4,505	24.6	0.49	4,460	49.7%
Lahaina CDP, HI	9,118	6,568	4,562	11,124	2,006	22.0	2,256	49.5	1.44	4,312	65.7%
Wahiawa CDP, HI	16,151	5,140	6,419	14,872	-1,279	-7.9	1,112	17.3	0.80	4,028	78.4%
Wailea-Makena CDP, HI	5,671	4,441	3,176	6,936	1,265	22.3	990	31.2	1.40	3,451	77.7%
Kihei CDP, HI	16,749	6,117	8,819	14,047	-2,702	-16.1	2,878	32.6	0.69	3,239	53.0%
Kaneohe Station CDP, HI	11,827	8,299	7,420	12,706	879	7.4	5,089	68.6	1.12	3,210	38.7%
Mililani Town CDP, HI	28,608	4,230	15,444	17,394	-11,214	-39.2	1,511	9.8	0.27	2,719	64.3%
Kaanapali CDP, HI	1,375	2,844	615	3,604	2,229	162.1	154	25.0	4.62	2,690	94.6%
Waipio CDP, HI	11,672	2,465	6,590	7,547	-4,125	-35.3	300	4.6	0.37	2,165	87.8%
Aiea CDP, HI	9,019	2,599	4,137	7,481	-1,538	-17.1	498	12.0	0.63	2,101	80.8%
Waianae CDP, HI	10,506	2,619	3,861	9,264	-1,242	-11.8	585	15.2	0.68	2,034	77.7%
Kapaa CDP, HI	9,472	2,891	4,107	8,256	-1,216	-12.8	1,274	31.0	0.70	1,617	55.9%
Waikoloa Village CDP, HI	4,806	2,430	2,523	4,713	-93	-1.9	878	34.8	0.96	1,552	63.9%
Ewa Beach CDP, HI	14,650	2,173	6,196	10,627	-4,023	-27.5	666	10.7	0.35	1,507	69.4%
Laie CDP, HI	4,585	2,507	2,103	4,989	404	8.8	1,350	64.2	1.19	1,157	46.2%
Waimea CDP, HI	7,028	1,774	3,336	5,466	-1,562	-22.2	902	27.0	0.53	872	49.2%
Makawao CDP, HI	6,327	1,356	3,252	4,431	-1,896	-30.0	492	15.1	0.42	864	63.7%
Nanakuli CDP, HI	10,814	969	3,428	8,355	-2,459	-22.7	315	9.2	0.28	654	67.5%
Pukalani CDP, HI	7,380	1,119	3,812	4,687	-2,693	-36.5	486	12.7	0.29	633	56.6%
Makaha CDP, HI	7,753	879	2,601	6,031	-1,722	-22.2	292	11.2	0.34	587	66.8%
Village Park CDP, HI	9,625	803	4,944	5,484	-4,141	-43.0	238	4.8	0.16	565	70.4%
Haiku-Pauwela CDP, HI	6,578	1,139	3,071	4,646	-1,932	-29.4	652	21.2	0.37	487	42.8%
Kalaoa CDP, HI	6,794	965	3,723	4,036	-2,758	-40.6	486	13.1	0.26	479	49.6%
Holualoa CDP, HI	6,107	841	3,316	3,632	-2,475	-40.5	364	11.0	0.25	477	56.7%
Napili-Honokowai CDP, HI	6,788	890	3,941	3,737	-3,051	-44.9	465	11.8	0.23	425	47.8%
Makakilo City CDP, HI	13,156	612	6,525	7,243	-5,913	-44.9	252	3.9	0.09	360	58.8%
Ahuimanu CDP, HI	8,506	333	4,312	4,527	-3,979	-46.8	166	3.8	0.08	167	50.2%
Waihee-Waiehu CDP, HI	7,310	238	3,392	4,156	-3,154	-43.1	112	3.3	0.07	126	52.9%
Ewa Gentry CDP, HI	4,939	157	2,619	2,477	-2,462	-49.8	71	2.7	0.06	86	54.8%
Waipio Acres CDP, HI	5,298	188	2,505	2,981	-2,317	-43.7	116	4.6	0.08	72	38.3%
Hawaiian Paradise Park CDP, HI	7,051	184	2,755	4,480	-2,571	-36.5	180	6.5	0.07	4	2.2%

Note: The census designated place was included if there were more than 2,500 workers living in the place or 2,500 workers working in the place.

Source: U.S. Census Bureau; calculations by the Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division.