



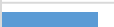





























Commuter Adjusted Daytime Population in Hawaii County

This brief presents estimates of commuter adjusted daytime population, and related statistics for Hawaii County based on the 2009-2013 American Community Survey 5 year estimates from the Census Bureau.

Daytime population can be estimated by adding to total resident population of an area all in-commuters for work and subtracting all out-commuters for work. For the estimates, adjustment was made for commuting of workers who include people 16 years and over, employed either full-time or part-time and at work during the reference week. Therefore, movement and daytime population change due to other groups of people such as students, shoppers, and tourists were not included in the adjustment.

The area defined in this brief is based on the Census geography called Census Designated Places (CDPs) which are statistical concentrations of population that are identifiable by name but are not legally incorporated under the laws of the state. Tables and maps in this brief includes CDPs of which resident population or workers working in the area is over 1,000.

Table 1. Commuter Flow and Daytime Population by CDPs in Hawaii County*

Daytime population change due to commuting (% of resident population)			Commuter Adjusted Daytime Population	Resident Population	% Workers living & working in the same place
Puako		171.9%	1,634	601	24.2%
Pahoa		121.2%	1,944	879	22.4%
Kailua		103.6%	26,756	13,143	78.7%
Keaau		48.8%	3,795	2,550	18.5%
Kealahou		31.8%	2,832	2,148	37.3%
Hilo		17.7%	52,379	44,486	82.4%
Pahala		-1.8%	1,371	1,396	50.7%
Volcano		-4.5%	2,465	2,582	58.9%
Honokaa		-8.1%	2,664	2,898	34.6%
Waikoloa Village		-13.0%	5,738	6,597	32.7%
Kahaluu-Keauhou		-13.3%	3,460	3,989	20.6%
Kapaau		-18.4%	1,191	1,459	15.2%
Pepeekeo		-20.9%	1,423	1,799	13.2%
Waimea		-21.4%	7,587	9,651	26.9%
Hawaiian Beaches		-21.5%	3,599	4,582	23.7%
Hawi		-22.1%	1,257	1,614	10.5%
Nanawale Estates		-23.4%	1,008	1,316	8.8%
Hawaiian Acres		-23.6%	1,648	2,158	24.0%
Leilani Estates		-25.4%	1,305	1,749	22.6%
Ainaloa		-26.0%	2,479	3,350	4.8%
Captain Cook		-27.6%	3,011	4,156	20.6%
Hawaiian Ocean View		-28.8%	2,668	3,747	19.7%
Mountain View		-29.5%	2,095	2,971	9.3%
Papaikou		-31.2%	764	1,111	12.7%
Honaunau-Napoopoo		-32.5%	1,824	2,702	24.2%
Hawaiian Paradise Park		-32.9%	6,663	9,928	7.2%
Holualoa		-37.2%	5,682	9,042	11.3%
Orchidlands Estates		-38.3%	1,892	3,068	12.7%
Fern Acres		-38.8%	826	1,350	12.6%
Honalo		-39.4%	1,624	2,678	11.3%
Kalaoa		-45.0%	5,585	10,155	9.9%
Wainaku		-46.2%	729	1,356	7.3%

Source: DBEDT calculation using the 2009-2013 American Community Survey 5-year estimates from the U.S. Census Bureau

*Statistics for a small geographic area may subject to large margin of errors.

Table 2. Employment/Working Resident Ratio by CDPs in Hawaii County*

	Total Population	Total workers living in the place (R)	Total workers working in the place (W)	Employment/ Working Resident Ratio (W/R)
Puako CDP	601	244	1,277	5.2
Pahoa CDP	879	384	1,449	3.8
Kailua CDP	13,143	5,872	19,485	3.3
Keaau CDP	2,550	993	2,238	2.3
Kealahou CDP	2,148	1,057	1,741	1.6
Hilo CDP	44,486	19,006	26,899	1.4
Pahala CDP	1,396	509	484	1.0
Volcano CDP	2,582	1,198	1,081	0.9
Honokaa CDP	2,898	1,202	968	0.8
Waikoloa Village CDP	6,597	3,311	2,452	0.7
Kahaluu-Keauhou CDP	3,989	1,422	893	0.6
Kapaau CDP	1,459	672	404	0.6
Waimea CDP	9,651	4,107	2,043	0.5
Hawi CDP	1,614	660	303	0.5
Captain Cook CDP	4,156	1,971	826	0.4
Papaikou CDP	1,111	566	219	0.4
Honaunau-Napoopoo CDP	2,702	1,374	496	0.4
Pepeekeo CDP	1,799	552	176	0.3
Mountain View CDP	2,971	1,255	379	0.3
Holualoa CDP	9,042	4,659	1,299	0.3
Hawaiian Beaches CDP	4,582	1,339	356	0.3
Hawaiian Acres CDP	2,158	671	161	0.2
Leilani Estates CDP	1,749	583	139	0.2
Nanawale Estates CDP	1,316	400	92	0.2
Hawaiian Ocean View CDP	3,747	1,343	264	0.2
Kalaoa CDP	10,155	5,639	1,069	0.2
Fern Acres CDP	1,350	611	87	0.1
Honalo CDP	2,678	1,226	172	0.1
Orchidlands Estates CDP	3,068	1,355	179	0.1
Wainaku CDP	1,356	695	68	0.1
Hawaiian Paradise Park CDP	9,928	3,527	262	0.1
Ainaloa CDP	3,350	915	44	0.05

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-year estimates

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Hawaii County
Daytime Population Change Due to Commuting
(as Percentage of Resident Population) by CDPs
(2009-2013 American Community Survey 5 year estimates)

Legend:

- < -30%
- 30% to -5%
- 5% to 5%
- 5% to 30%
- 30% to 60%
- 60% to 100%
- > 100%

Scale: 0 5 10 20 Miles

This map shows the distribution of population change across various CDPs in Hawaii County. Areas like Kailua and Hilo show significant growth (> 100%), while many coastal areas show decline (< -30%).

HAWAII STATEWIDE GIS PROGRAM
HAWAII STATE OFFICE OF PLANNING

This map was produced by the Office of Planning (OP) for planning purposes. It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. Information regarding compilation dates and accuracy of the data presented can be obtained from OP.
Map No.: 20150114-04-DK
Map Date: 01/14/15
Sources:
2009-2013 ACS 5-Year Estimates: U.S. Census Bureau.

Figure 2. Workers Who Lived and Worked in the Same Place (as Percentage of Working Residents) by CDPs in Hawaii County

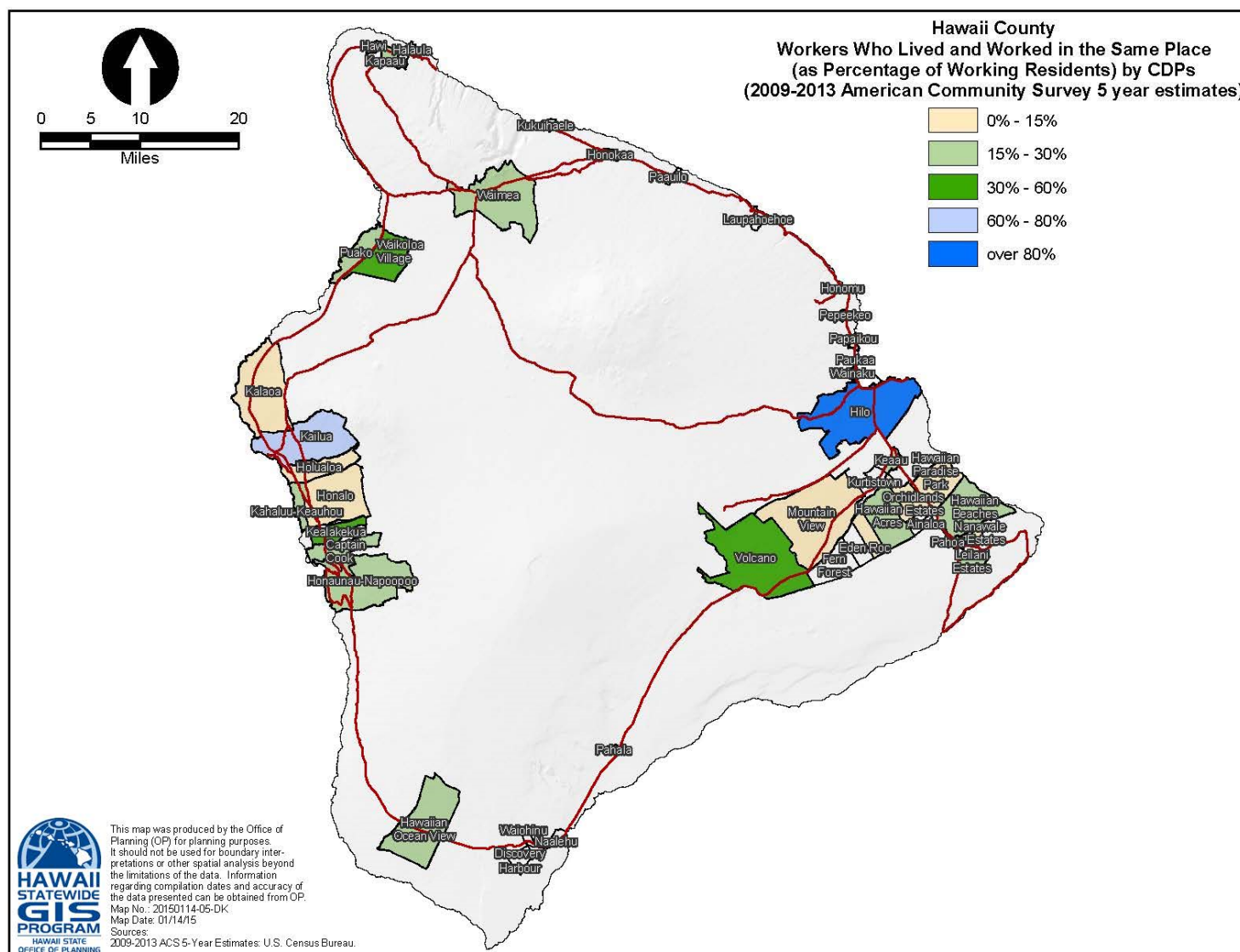
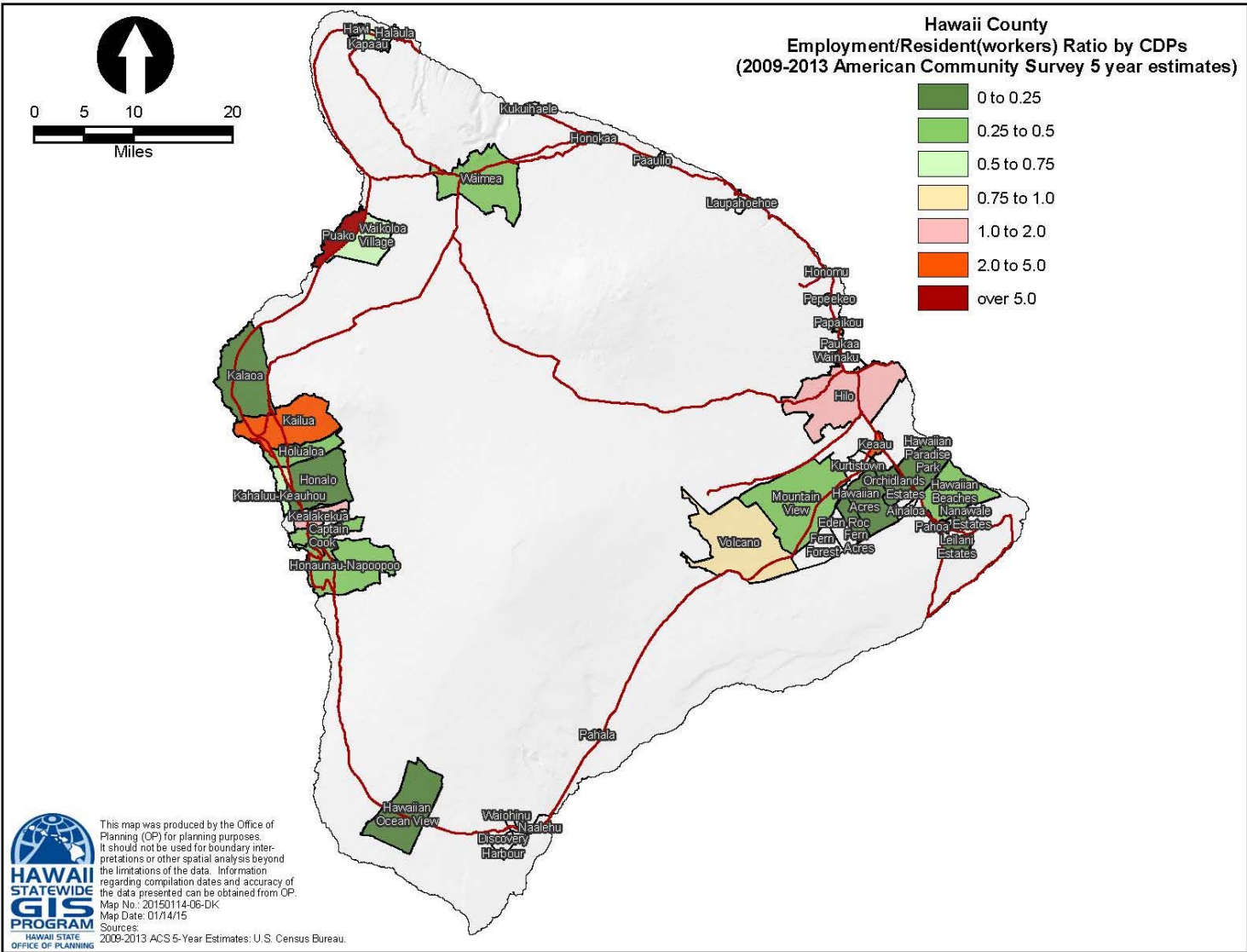


Figure 3. Employment/ Working Residents Ratio by CDPs in Hawaii County



This publication is produced by the Research and Economic Analysis Division (READ) of the Department of Business, Economic Development & Tourism (DBEDT), State of Hawaii. For more information on READ, go to: <http://dbedt.hawaii.gov/economic/>

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Commuter Adjusted Daytime Population in Maui County

This brief presents estimates of commuter adjusted daytime population, and related statistics for Maui County based on the 2009-2013 American Community Survey 5 year estimates from the Census Bureau.

Daytime population can be estimated by adding to total resident population of an area all in-commuters for work and subtracting all out-commuters for work. For the estimates, adjustment was made for commuting of workers who include people 16 years and over, employed either full-time or part-time and at work during the reference week. Therefore, movement and daytime population change due to other groups of people such as students, shoppers, and tourists were not included in the adjustment.

The area defined in this brief is based on the Census geography called Census Designated Places (CDPs) which are statistical concentrations of population that are identifiable by name but are not legally incorporated under the laws of the state. Tables and maps in this brief includes CDPs of which resident population or workers working in the area is over 1,000.

Table 1. Commuter Flow and Daytime Population by CDPs in Maui County*

Daytime population change due to commuting (% of resident population)			Commuter Adjusted Daytime Population	Resident Population	% Workers living & working in the same place
Kaanapali CDP		362.4%	5,401	1,168	38.3%
Kapalua CDP		356.6%	1,662	364	29.1%
Wailea CDP		50.0%	9,058	6,038	37.9%
Hana CDP		27.1%	1,490	1,172	73.1%
Wailuku CDP		22.9%	19,668	16,001	39.3%
Kahului CDP		22.9%	32,344	26,328	47.1%
Kaunakakai CDP		16.5%	3,644	3,128	74.3%
Lahaina CDP		5.7%	12,044	11,399	53.6%
Lanai City CDP		-3.0%	3,212	3,311	83.1%
Kualapuu CDP		-9.4%	1,826	2,016	40.8%
Kula CDP		-10.4%	6,018	6,713	34.9%
Paia CDP		-11.0%	2,200	2,471	26.3%
Kihei CDP		-13.7%	18,936	21,930	44.5%
Makawao CDP		-19.3%	5,345	6,625	24.1%
Keokea CDP		-23.1%	1,221	1,587	13.3%
Olinda CDP		-27.3%	1,033	1,420	25.6%
Haiku-Pauwela CDP		-31.5%	5,788	8,447	20.0%
Pukalani CDP		-35.5%	5,028	7,797	14.8%
Napili-Honokowai CDP		-42.3%	3,665	6,350	14.6%
Waikapu CDP		-43.4%	1,901	3,361	3.7%
Waihee-Waiehu CDP		-48.8%	5,059	9,885	4.3%

Source: DBEDT calculation using the 2009-2013 American Community Survey 5-year estimates from the U.S. Census Bureau

*Statistics for a small geographic area may subject to large margin of errors.

Table 2. Employment/Working Resident Ratio by CDPs in Maui County*

	Total Population	Total workers living in the place (R)	Total workers working in the place (W)	Employment/ Working Resident Ratio (W/R)
Kapalua CDP	364	127	1,425	11.2
Kaanapali CDP	1,168	418	4,651	11.1
Wailea CDP	6,038	2,691	5,711	2.1
Hana CDP	1,172	475	793	1.7
Kahului CDP	26,328	11,879	17,895	1.5
Wailuku CDP	16,001	7,532	11,199	1.5
Kaunakakai CDP	3,128	1,179	1,695	1.4
Lahaina CDP	11,399	6,627	7,272	1.1
Lanai City CDP	3,311	1,542	1,443	0.9
Kula CDP	6,713	3,559	2,864	0.8
Paia CDP	2,471	1,318	1,047	0.8
Kualapuu CDP	2,016	819	629	0.8
Kihei CDP	21,930	11,506	8,512	0.7
Makawao CDP	6,625	3,120	1,840	0.6
Keokea CDP	1,587	632	266	0.4
Olinda CDP	1,420	636	249	0.4
Pukalani CDP	7,797	4,182	1,413	0.3
Haiku-Pauwela CDP	8,447	3,924	1,265	0.3
Napili-Honokowai CDP	6,350	3,809	1,124	0.3
Waikapu CDP	3,361	1,687	227	0.1
Waihee-Waiehu CDP	9,885	5,199	373	0.1

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-year estimates

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Figure 1. Daytime Population Change Due to Commuting (as Percentage of Resident Population) by CDPs in Maui County

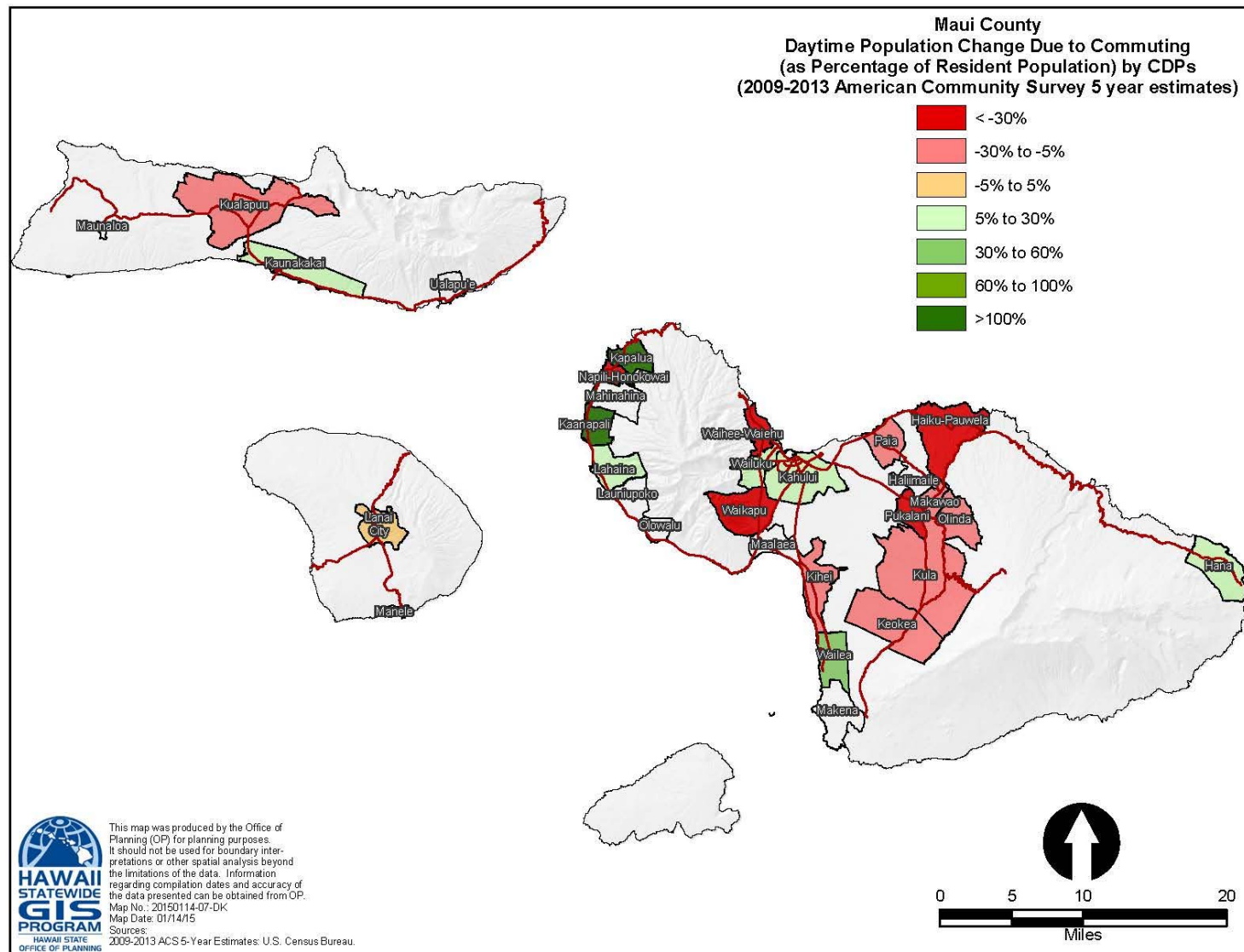


Figure 2. Workers Who Lived and Worked in the Same Place (as Percentage of Working Residents) by CDPs in Maui County

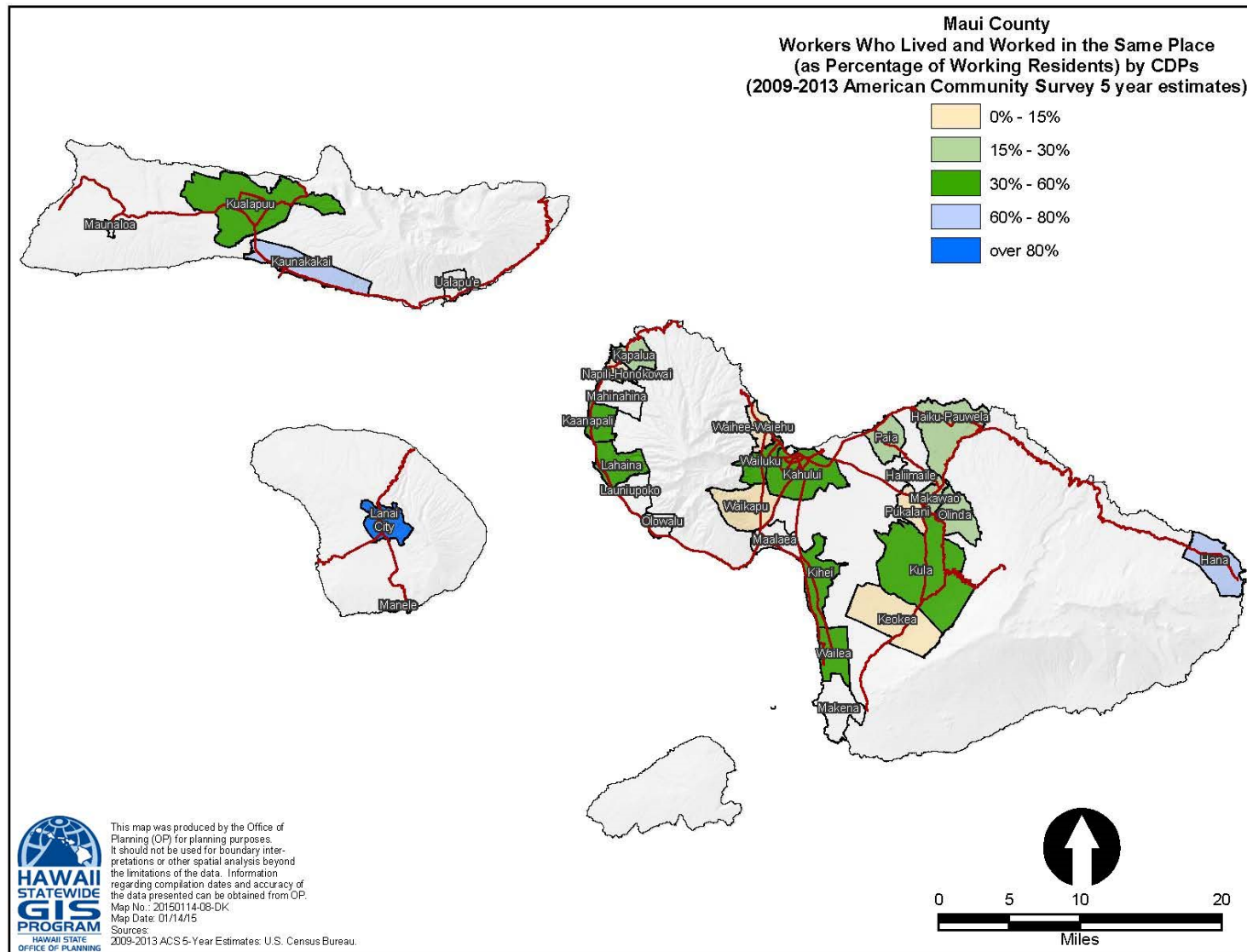
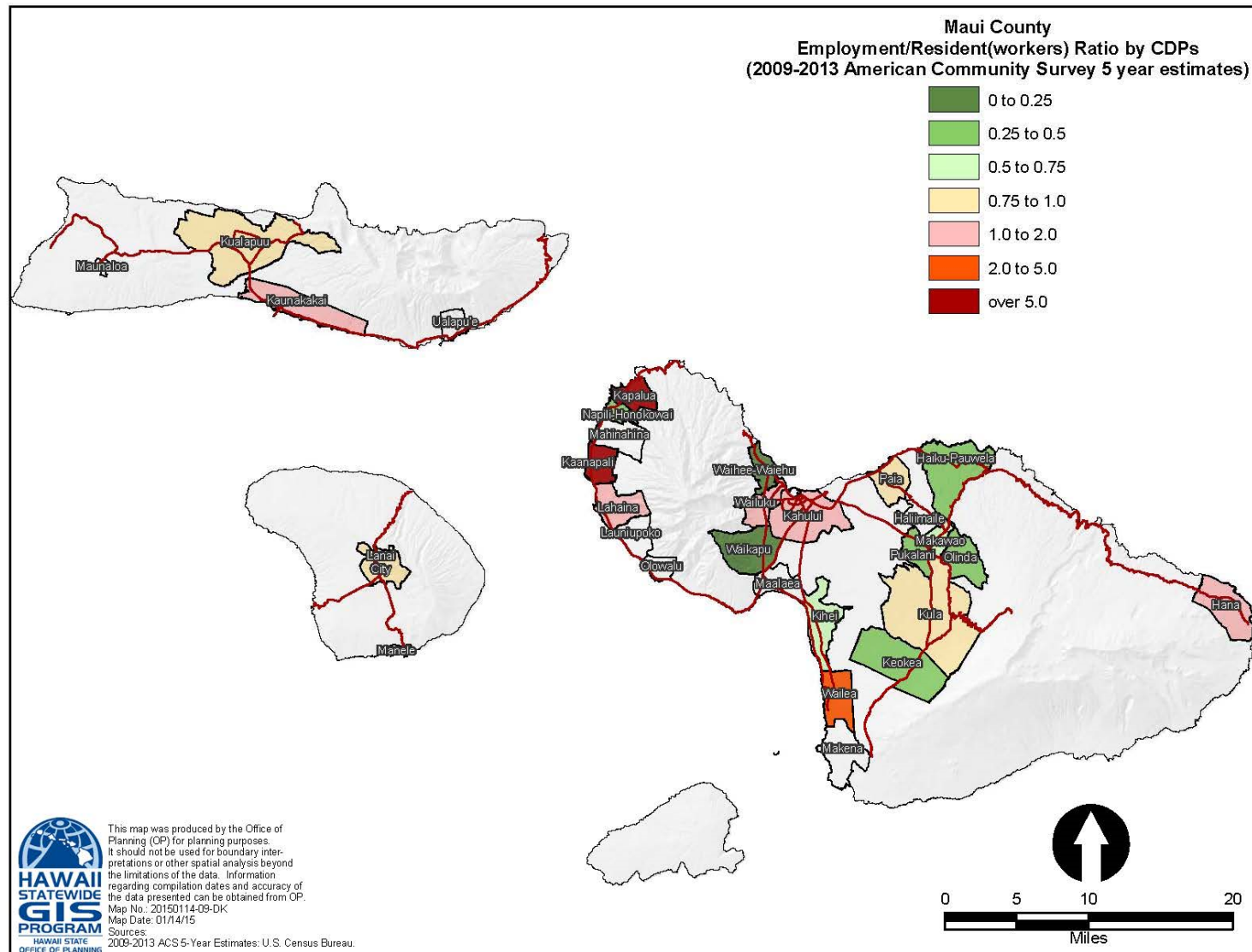


Figure 3. Employment/ Working Residents Ratio by CDPs in Maui County



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Commuter Adjusted Daytime Population in Kauai County

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Daytime population can be estimated by adding to total resident population of an area all in-commuters for work and subtracting all out-commuters for work. For the estimates, adjustment was made for commuting of workers who include people 16 years and over, employed either full-time or part-time and at work during the reference week. Therefore, movement and daytime population change due to other groups of people such as students, shoppers, and tourists were not included in the adjustment.

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Table 1. Commuter Flow and Daytime Population by CDPs in Kauai County*

Daytime population change due to commuting (% of resident population)			Commuter Adjusted Daytime Population	Resident Population	% Workers living & working in the same place
Lihue CDP		117.6%	14,720	6,764	69.2%
Koloa CDP		57.6%	3,801	2,412	47.1%
Poipu CDP		50.0%	1,541	1,027	34.6%
Princeville CDP		33.5%	3,211	2,405	53.3%
Waimea CDP		31.2%	2,380	1,814	38.0%
Kekaha CDP		-2.1%	2,932	2,994	40.3%
Kapaa CDP		-14.5%	8,970	10,495	31.3%
Kalaheo CDP		-20.6%	3,378	4,253	20.7%
Kilauea CDP		-22.9%	2,515	3,264	33.6%
Eleele CDP		-25.8%	2,012	2,711	11.0%
Wailua CDP		-31.2%	1,771	2,574	10.5%
Puhi CDP		-33.2%	2,435	3,643	5.8%
Hanapepe CDP		-37.0%	1,813	2,878	12.8%
Lawai CDP		-38.2%	1,345	2,177	9.6%
Anahola CDP		-38.8%	1,358	2,219	4.4%
Hanamaulu CDP		-39.5%	2,218	3,666	1.0%
Wailua Homesteads CDP		-41.7%	2,860	4,902	8.6%
Omao CDP		-44.9%	761	1,382	9.0%

Source: DBEDT calculation using the 2009-2013 American Community Survey 5-year estimates from the U.S. Census Bureau

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Table 2. Employment/Working Resident Ratio by CDPs in Kauai County*

	Total Population	Total workers living in the place (R)	Total workers working in the place (W)	Employment/ Working Resident Ratio (W/R)
Lihue CDP	6,764	3,066	11,022	3.6
Koloa CDP	2,412	1,115	2,504	2.2
Poipu CDP	1,027	506	1,020	2.0
Princeville CDP	2,405	852	1,658	1.9
Waimea CDP	1,814	758	1,324	1.7
Kekaha CDP	2,994	1,386	1,324	1.0
Kapaa CDP	10,495	4,720	3,195	0.7
Kilauea CDP	3,264	1,662	913	0.5
Kalaheo CDP	4,253	1,899	1,024	0.5
Eleele CDP	2,711	1,324	625	0.5
Wailua CDP	2,574	1,292	489	0.4
Puhi CDP	3,643	1,935	727	0.4
Hanapepe CDP	2,878	1,554	489	0.3
Lawai CDP	2,177	1,131	299	0.3
Hanamaulu CDP	3,666	1,722	274	0.2
Omao CDP	1,382	712	91	0.1
Anahola CDP	2,219	960	99	0.1
Wailua Homesteads CDP	4,902	2,235	193	0.1

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-year estimates

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Figure 1. Daytime Population Change Due to Commuting (as Percentage of Resident Population) by CDPs in Kauai County

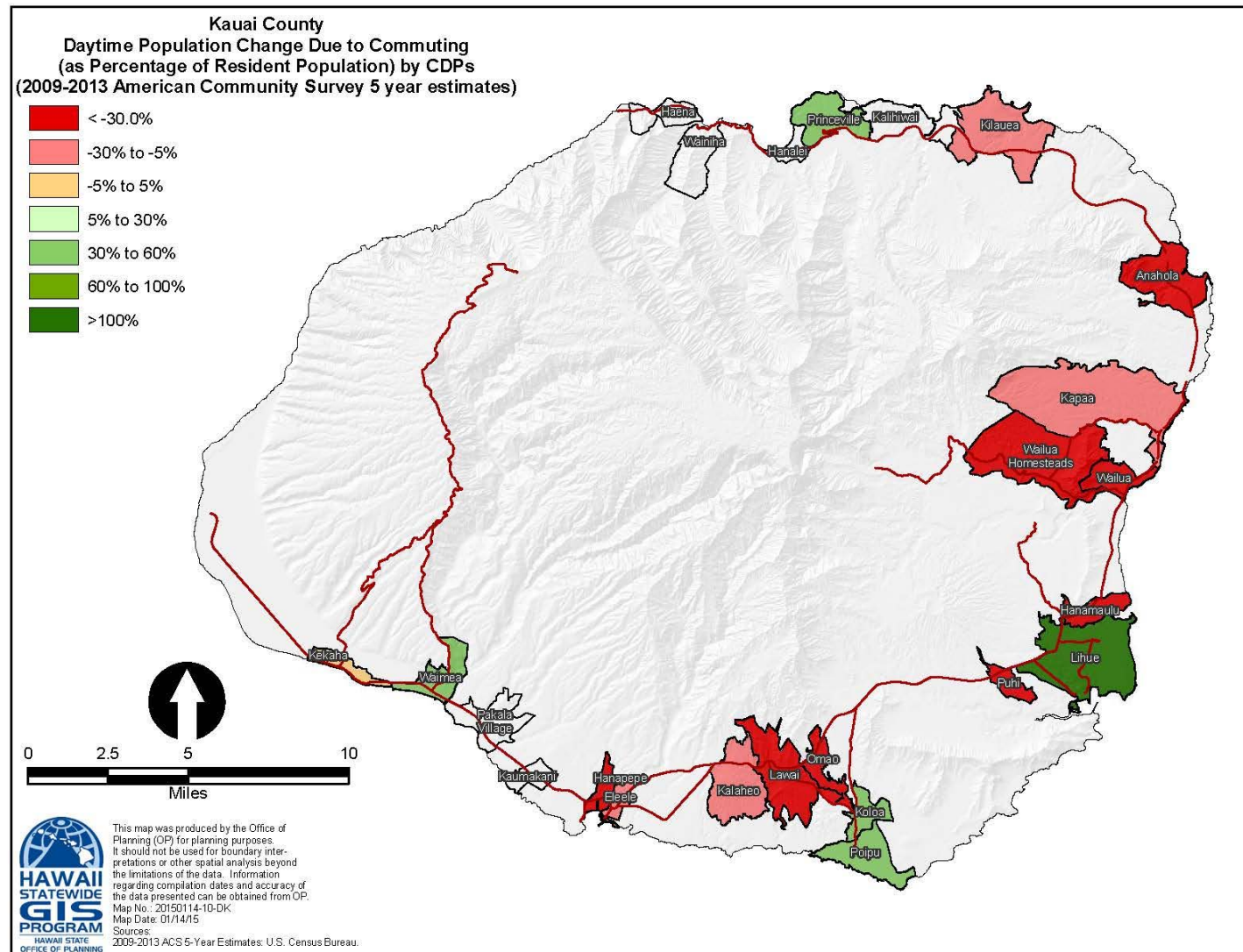


Figure 2. Workers Who Lived and Worked in the Same Place (as Percentage of Working Residents) by CDPs in Kauai County

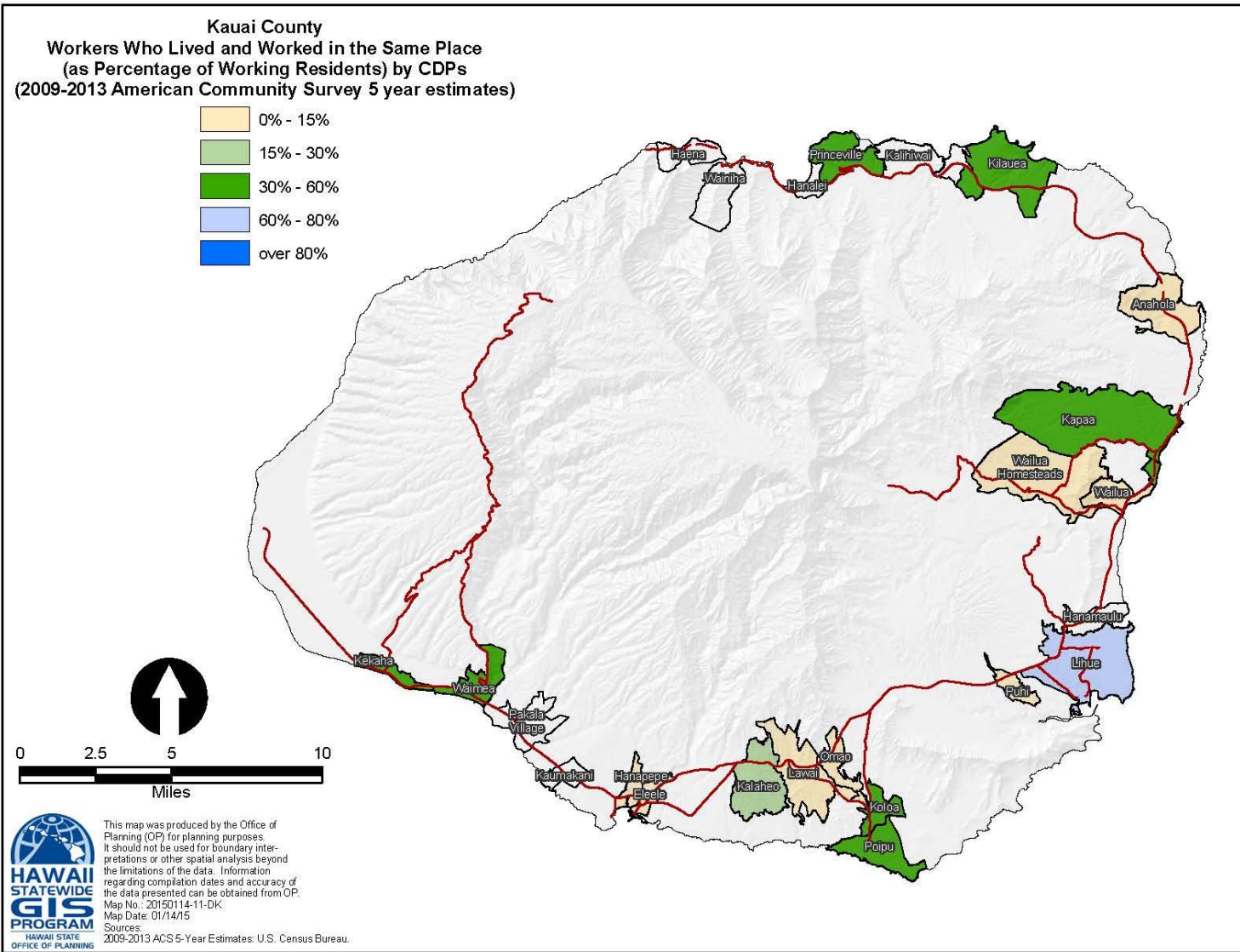
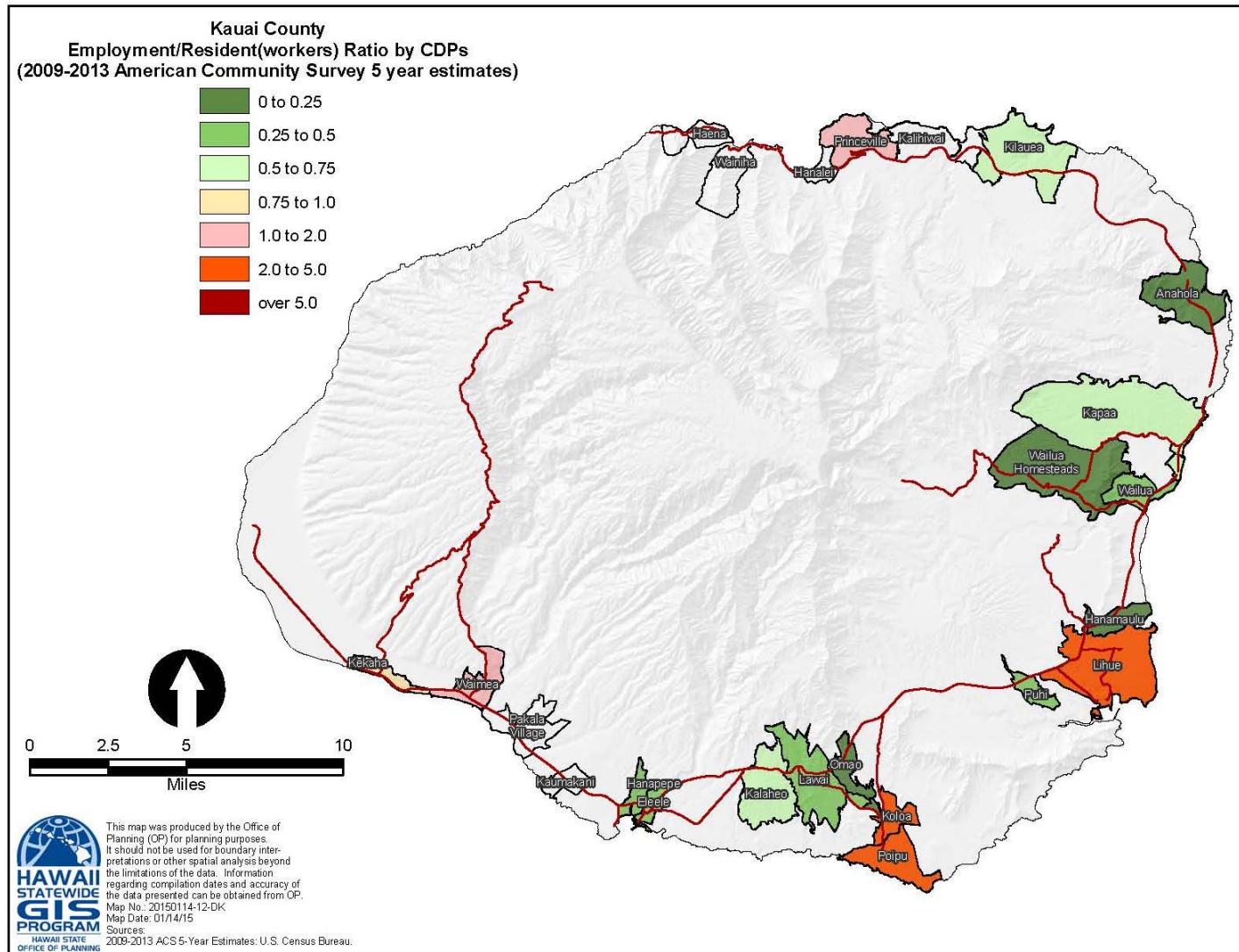


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