County:	Hawai‘i	**Solid Waste Issue:**	Solid Waste Programs
Population (2020 Census):	201,000		
Last Update to SWMP:	2019		
Waste Characterization Data:	**Deposit Beverage Containers (HI-5 Program):** There is no county-specific waste characterization data available for deposit beverage containers. According to the 2008 waste composition study, approximately 1,900 tons of glass containers, 1,024 tons of metal cans, and 1,629 tons of plastic containers were disposed—a fraction of which is assumed to be covered under the HI-5 program. **Electronic Device Recycling Program:** There is no county-specific waste characterization data available for covered electronic devices. **Glass Advance Disposal Fee Program:** In 2021, the County recycled approximately 457 tons of glass.[1] In 2022, only about 20 tons of glass were recycled as a result of the County’s ADF contractor saving collected glass for an anticipated project in FY 2023.		
Waste Diversion Data:	**Deposit Beverage Containers (HI-5 Program):** In FY 23, the State’s redemption rate was 56 percent. **Electronic Device Recycling Program:** In 2023, the county diverted approximately 82 tons of e-waste from the county landfills.[2] This does not include manufacturer-sponsored collections of electronics. **Glass Advance Disposal Fee Program:** In 2021, approximately 770 tons of glass were recycled countywide.[3]		
County Ordinances:	**Deposit Beverage Containers (HI-5 Program):** The County of Hawai‘i does not have any ordinances related to the management of deposit beverage containers. Deposit beverage containers are subject to state regulations (HRS Chapter 342G Part VIII; see State fact sheet for additional information). **Electronic Device Recycling Program:** The County of Hawai‘i does not have any ordinances related to the electronic device recycling program. Covered electronics are subject to state regulations (HRS Chapter 339D; see State fact sheet for additional information). **Glass Advance Disposal Fee Program:** The County of Hawai‘i does not have any ordinances related to the recovery of glass containers. Glass containers covered under the Glass ADF program are subject to state regulations (HRS Chapter 342G Part VII; see State fact sheet for additional information).		
Overview:	**Deposit Beverage Container Program (HI-5 Program):** The county has assigned two full-time recycling specialists for the DBC program. **Electronic Device Recycling Program:** Act 151 (2022) required manufacturers of covered electronic devices to fully fund (at minimum) monthly collections of their devices in Hilo & Kona based on convenience for population criteria. The State of Hawai‘i Department of Health provides grant funding to counties to educate the public and promote the local registered collections. The County of Hawai’i website includes several locations where items can be recycled, as well as a		

	list of manufacturers and producers who have their own recycling programs, some of which have programs that allow consumers to get value for their products through trade-ins. There is only one DOH registered company collecting electronics on Hawai'i Island, Mr. K's Recycle and Redemption. Mr. K's operates two collection locations, one in Hilo (daily service) and one in Kona (almost weekly service). **Glass Advance Disposal Fee Program:** All glass containers that are excluded from the Beverage Container Deposit program are assessed a 1.5 cent fee by the Department. The Department distributes the funds to participating counties to operate glass collection programs. In FY 2021, expenditures for the Glass ADF Program for Hawai'i County totalled $125,810.[4]
County Programs & Funding:	**Deposit Beverage Container Program (HI-5 Program)** • The County receives State funding through the Deposit Beverage Container Deposit Special Fund (HRS Chapter 342G-104).[5] **Electronic Device Recycling Program** • Manufacturer Take-Back Recycling Programs (EPR)[6] • In FY 2023-2024, the county received a $100,000 grant from the state to educate public on electronic recycling opportunities.[7] **Glass Advance Disposal Fee Program** • The County receives State funding through the environmental management fund (HRS §342G-84).
Estimated Annual Material Type Generation:	Not available.
Permitted Collectors and Recyclers/Processors:	**Deposit Beverage Container Program (HI-5 Program)[8], [9], [10]:** • Atlas Recycling • Business Services Hawai'i • Hāwī (Ka'auhuhu) Recycling & Transfer Station • Honoka'a Recycling & Transfer Station • Kea'au Transfer Station • Keauhou Recycling & Transfer Station • Mr. K's Recycle & Redemption • Ocean View Transfer Station • Puakō Transfer Station • Wai'ōhinu Recycling & Transfer Station **Electronic Device Recycling Program[11, 12]:** • Mr. K's Recycle & Redemption Center (Hilo, Kona) **Glass Advance Disposal Fee Program[13]:** • Non-HI-5 glass containers can be recycled by residents using Drop-Off recycling bins at many County Recycling and Transfer Stations: o Glenwood, Hāwī, Hilo, Honoka'a, Honomū, Kealakehe (Kailua-Kona), Kea'au, Keauhou, Ke'ei, Laupāhoehoe, Ocean View, Pāhala, Pāhoa, Pāpa'ikou, Puakō, Waiea, Waimea & Wai'ōhinu Recycling & Transfer Stations
News Articles:	**Deposit Beverage Container Program (HI-5 Program):** *Big Island Now*: "3 HI-5 Recycling Sites to Close" **Electronic Device Recycling Program:** *County of Hawai'i Media Release*: "High Turnout for Electronics Recycling Collection Events in Hilo & Kona"

	Spectrum News Hawai'i: 'Hawaii County holds special electronics recycling events" *Big Island Now*: "Electronics recycling collection events scheduled in January" **Glass Advance Disposal Fee Program:** N/A
County Solid Waste Stream Issue Statement and Potential Solutions: (County to provide issue statement and potential solutions regarding the management of this material category.)	**Issue Statement** – The County of Hawai'i Department of Environmental Management strives to keep covered electronics, deposit beverage containers and advance disposal fee glass containers out of our landfill and our environment to prevent improper disposal, toxic releases, conserve our precious limited landfill space and to protect our human health and natural environment. **Potential Solutions** – **Deposit Beverage Container Program (HI-5 Program):** • Increase the Deposit Fee and Container Fee to assist with covering program expenses and increase redemption value. • Fund the Outreach and Education Program. The statewide redemption rate has significantly declined since FY2009 partly due to the lack of a consistent statewide HI-5 recycling education effort. **Electronic Device Recycling Program:** Based on the current success of the Electronic Device Recycling Program the County of Hawai'i encourages the State of Hawai'i legislature to increase the types of electronic devices covered by the law to increase the recovery of valuable resources for remanufacturing of new electronic devices and promote design for recycling or discourage planned obsolescence. **Glass Advance Disposal Fee Program:** The recovery rate for the glass advance disposal fee program is stagnant and the ADF has not been increased since 1994 and does not cover the true cost of the program to significantly increase the recovery of ADF containers. The legislature should increase the ADF per container to cover decades of inflation and the high cost of recycling glass in Hawai'i.

[1] Office of Solid Waste Management Annual Report to the Thirty-Second Legislature State of Hawai'i 2023 (hawaii.gov)
[2] Hawai'i Island Sustainability Dashboard (hawaiicounty.gov)
[3] Office of Solid Waste Management Annual Report to The Thirty-first Legislature State of Hawai'i (hawaii.gov)
[4] Office of Solid Waste Management Annual Report to the Thirty-First Legislature State of Hawaii (hawaii.gov)
[5] Hawaii Revised Statutes § 342G-104 (justia.com)
[6] Computers, Electronics & Printer Cartridges (hawaiizerowaste.org)
[7] 2019 Integrated Solid Waste Management Plan Update (hawaiizerowaste.org)
[8] Big-Island-Redemption-Centers (hawaii.gov)
[9] HI-5 Beverage Container Redemption (hawaiizerowaste.org)
[10] 2019 Integrated Solid Waste Management Plan Update (hawaiizerowaste.org)
[11] Computers, Electronics & Printer Cartridges - County of Hawai'i Department of Environmental Management (hawaiizerowaste.org)
[12] 2019 Integrated Solid Waste Management Plan Update (hawaiizerowaste.org)
[13] Drop-Off Recycling Program (hawaiizerowaste.org)