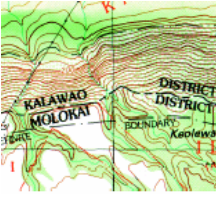


CHAPTER 7: GOVERNMENTAL UNITS (Updated 2005)



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Theme Description:

For the purposes of this chapter, Government Units include any boundaries, jurisdictions, taxation units or administrative areas that are created and/or defined by various Federal, State and County agencies. (see Table C)

Status:

Several Government Unit and boundary layers already exist as digital files. Many of the boundaries were extracted from the U.S. Geological Survey (USGS) 1:24,000 Digital Line Graphs (DLG). In some cases, these boundaries have been refined and updated by the responsible agency. One such case is the State Forest Reserves boundaries, which have been updated by the Department of Land and Natural Resources, Division of Forestry and Wildlife. In certain cases, these government units are or could be subsets of other existing data layers, and therefore, if not already done, could be extracted to create the desired layer. For example, Hawaiian Home Land boundaries were derived from the parcel layer.

Table C

Governmental Unit/Boundary	Source(s)	Metadata	Status	Availability	Where?	Remarks
State of Hawai'i	State		Exists	Free	State Web Site	
Judicial Districts	State	Y	Exists	Free	State Web Site	
School Districts	State DOE	Y	Exists	Free	State Web Site	
State Lands	State DLNR	Y	Exists	Free	State Web Site	
State Land Use District Boundaries	State LUC	Y	Exists	Free	State Web Site	
State Forest Reserves	State DLNR	Y	Exists	Free	State Web Site	Part of Reserves Layer
State Parks	State DLNR	Y	Exists	Free	State Web Site	Part of Reserves Layer
State House Districts	State Office of	Y	Exists	Free	State Web Site	

	Elections					
State Senatorial Districts	State Office of Elections	Y	Exists	Free	State Web Site	
Congressional Districts	State Office of Elections	Y	Exists	Free	State Web Site	
Hawaiian Home Lands	State DHHL	Y	Exists	Free	State Web Site	
Special Management Areas	State CZM	Y	Exists	Free	State Web Site	
Hunting Areas	State DLNR	Y	Exists	Free	State Web Site	
Historic Land Divisions (Ahupuaa)	State DLNR	Y	Exists	Free	State Web Site	Oahu only
Fire Response Zones	State DLNR	Y	Exists	Free	State Web Site	
Enterprise Zones	State DBEDT	Y	Exists	Free	State Web Site	
Natural Area Reserves	State DLNR	Y	Exists	Free	State Web Site	Part of Reserves Layer
Marine Life Conservation Districts	State DLNR	Y	Exists	Free	State Web Site	Part of Reserves Layer
National Parks	DOI National Park Service	Y	Exists	Free	State Web Site	Part of Reserves Layer
National Wildlife Refuges	DOI FWS	Y	Exists	Free	State Web Site	Part of Reserves Layer
Development Plan Areas	Counties	Y	Exists	Free	State Web Site	
Conservation District Subzones	State DLNR	Y	Exists	Free	State Web Site	
ALISH	State DOA	Y	Exists	Free	State Web Site	
Hydrographic Units	DOI USGS	Y	Exists	Free	State Web Site	
Census Data	DOC Census Bureau	Y	Exists	Free	State Web Site	
Fisheries Management Areas	State DLNR	Y	Exists	Free	State Web Site	
Watersheds	State CZM	Y	Exists	Free	State Web Site	
Wetlands	DOI FWS	Y	Exists	Free	State Web Site	
Parcels - O'ahu	City and County of Honolulu	Y	Exists	Free	City Web Site	
Parcels - Maui	County of Maui	Y	Exists	Free	State Web Site	
Parcels - Hawai'i	County of	Y	Exists	Free	State Web	

	Hawai'i				Site	
Parcels - Kaua'i	GDSI	Y	Exists	?	County of Kauai	
Neighborhood Boards - O'ahu Only	City & County of Honolulu	Y	Exists	Free	City and County Web Site	
Zip Codes	U.S. Postal Service	Y	Exists	Free	State Web Site	
Traffic Analysis Zones	County of Kauai	Y	Exists	Free	State Web Site	

Data Sources:

The USGS is the primary source for framework layers, particularly boundaries derived from the Digital Line Graph (DLG) Administrative Boundaries. Through USGS's initiative, The National Map, existing boundaries are being reviewed and as appropriate, updated and improved. Federal, State and County agencies, particularly those responsible for administering these units, would be the first and authoritative source for checking and updating particular thematic layers. For example, the National Park Service is the authority on National Park boundaries, the State Department of Land and Natural Resources is the authority on State Forest Reserves, the respective Counties are the authorities on their Counties' parcels, etc. It is logical that these agencies would review and as appropriate, update the datasets that are currently being distributed.

Standards:

For Statewide applications, 1:24,000 is a de-facto standard for scale. NAD 83 is another de-facto standard for datum, although some organizations are still making the transition from Old Hawaiian to NAD 83. UTM Zone 4 or 5 (for the Island of Hawai'i) is used for 1:24000 mapping. The counties, however, tend to use State Plane and larger scales.

Priority:

Generally speaking, there is a relatively comprehensive list of government unit boundaries for the State of Hawai'i and there are no known gaps at this time. Therefore, the focus for this particular category should be to update and improve as necessary, the existing boundaries.

Estimated total investment in this theme:

\$1.5 million since 1990, not including parcels.

Estimated current state and local contributions:

Unknown

What is needed:

There is nothing new that is needed, however, it would be desirable for public agencies to review, verify and as appropriate, update their particular boundaries. These updates should be forwarded to USGS to be incorporated into The National Map. It would also be desirable for the Neighbor Island Counties to have a system in place with adequate staffing to constantly update their respective parcel data layers.

What is the likely source:

Updates should either be done in-house by the respective agencies since they are the authorities for their particular boundaries, or if necessary, they might hire a surveying company to update their boundaries.

Estimated total investment needed to complete this theme:

At this time, no money is needed to complete this theme since it is considered completed.

Estimated current allocation of funding:

N/A

Estimated budget shortfall:

N/A

Possible ways to overcome this gap:

N/A

Most appropriate data steward:

The most appropriate data stewards are the appropriate Counties for the parcel layers. USGS is the appropriate data steward for The National Map data layers.

Maintenance Process:

The Counties should be responsible for maintaining the parcel layer. To support such an effort, a portion of the property taxes should be dedicated to hiring staff to maintain the parcel databases.

Estimated maintenance cost:

\$100,000 per year, per County.