

Layer Name: Marine Managed Areas (DAR)  
File Name: MMA\_DAR  
Layer Type: Polygon  
Status: Will be updated as needed by DAR  
Geog. Extent: Main Hawaiian Islands  
Projection: Universal Transverse Mercator, Zone 4 (Meters), NAD 83 HARN  
Abstract: Marine Managed Areas (MMAs) in the Main Hawaiian Islands **as of March, 2018**. This is not a comprehensive layer/listing of all fishing regulations.

Fishing and other activities may be restricted in other areas of the State under the jurisdiction of other divisions of the Department of Land and Natural Resources and other governmental agencies. Some of these areas include:

Department of Land and Natural Resources – in addition to the areas shown, Waimanu Estuarine Sanctuary, Hawai'i; Alaka'i Wilderness Preserve, Kaua'i; Kanaha Pond Wildlife Sanctuary, Maui; Hawai'i State Seabird Sanctuary (various statewide islands and islets); Small boat harbor facilities.

Department of Transportation – Commercial harbor facilities.

U.S. Fish and Wildlife Service – National Wildlife Refuge areas.

*This data is intended for informational purposes and not for legal or navigational use. Data represent best efforts to ensure accuracy but data are as is with no expressed warranty of any kind.*

Source: This map was created for the Department of Land and Natural Resources, Division of Aquatic Resources, by the Hawai'i Coral Reef Initiative (HCRI) by Miguel Castrence. **Updated by HCRI and DAR, Mar. 2018** as follows: 1) A boundary was added for the West Hawaii Regional FMA, which was described in the rules but not previously generated and 2) attributes for sub-areas of the regional FMA were adjusted to better reflect the rules.

Process: The following sources of information were used to update GIS data on marine managed areas:

- 1) DAR website: <http://dlnr.hawaii.gov/dar/marine-managed-areas/about-marine-managed-areas/>
- 2) Shapefiles from Randy Honebrink of DAR
- 3) Geodatabase of marine protected areas from the Ocean Tipping Points (OTP) project provided by Joey Lecky (April 6, 2016)
- 4) Shapefile downloaded from the Anthropocene Institute: <http://anthropoceneinstitute.com/data>
- 5) Shapefile downloaded from the NOAA MPA Center: <http://marineprotectedareas.noaa.gov/dataanalysis/mpainventory/>
- 6) QA/QC report from the NOAA MPA Center: <http://marineprotectedareas.noaa.gov/dataanalysis/mpainventory/qaqc/welcome.html>
- 7) Shapefile downloaded from the Hawaiian Islands Humpback Whale National Marine Sanctuary (HIHWNMS): [http://sanctuaries.noaa.gov/library/imast\\_gis.html](http://sanctuaries.noaa.gov/library/imast_gis.html)

For more information about this dataset, please contact the [Division of Aquatic Resources](#).

**Attributes:****Polygons:**

Site_Label:	Full name of site, including diacritical marks
Site_Name:	Abbreviated name of site, without diacritical marks
URL:	Link to the site's specific page on the DAR website
Legislation:	Title of the regulations (HAR, HRS)
HAR_link:	Link to the Hawai'i Administrative Rules pertaining to the site
Statute_link:	Link to the Hawai'i Revised Statutes pertaining to the site, if applicable
MMA_type:	Type of MMA:
	CBSFA: Community Based Subsistence Fishing Area
	FMA: Fisheries Management Area
	FRA: Fish Replenishment Area
	FRA/NRA Fish Replenishment Area / Netting Restricted Area
	MLCD: Marine Life Conservation District
	MR: Marine Reserve
	NRA: Netting Restricted Area
	Other: Other Marine Managed Area Type
	Statutory: Statutory
MMA_Designation:	MMA Designation
Location:	Description of the location of the MMA
Permitted:	Activities that are allowed; copied from the DAR website
Prohibited:	Activities that are not allowed; copied from the DAR website
Exceptions_and_Permits:	Exceptions and Permits related to the MMA as described in the administrative rule
Penalty:	Applicable penalties for violating the rules related to the MMA as described in the administrative rule
Additional_Information:	Additional Information about the MMA
Shape_Length:	Perimeter of polygon, in meters, calculated by the GIS
Shape_Area:	Area of polygon, in square meters, calculated by the GIS

Contact: Statewide GIS Program, Office of Planning, State of Hawaii  
 PO Box 2359, Honolulu, HI 96804; (808) 587-2846  
 Email: [gis@hawaii.gov](mailto:gis@hawaii.gov)

Division of Aquatic Resources, Department of Land & Natural Resources, State of Hawaii  
 Phone: (808) 587-0100  
 Email: [DLNR.aquatics@hawaii.gov](mailto:DLNR.aquatics@hawaii.gov)