

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 Trans Mercator, Zone 4 (Meters)  
Datum: NAD 83 HARN  
Abstract: Marine Managed Areas (MMAs) in the Main Hawaiian Islands as of June, 2016. 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 ([miguel.castrence@hawaii.edu](mailto:miguel.castrence@hawaii.edu)).

History: 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)												
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												
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: <table> <tr> <td>CBSFA:</td> <td>Community Based Subsistence Fishing Area</td> </tr> <tr> <td>FMA:</td> <td>Fisheries Management Area</td> </tr> <tr> <td>MLCD:</td> <td>Marine Life Conservation District</td> </tr> <tr> <td>MR:</td> <td>Marine Reserve</td> </tr> <tr> <td>Other:</td> <td>Other Marine Managed Area Type</td> </tr> <tr> <td>Statutory:</td> <td>Statutory</td> </tr> </table>	CBSFA:	Community Based Subsistence Fishing Area	FMA:	Fisheries Management Area	MLCD:	Marine Life Conservation District	MR:	Marine Reserve	Other:	Other Marine Managed Area Type	Statutory:	Statutory
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MR:	Marine Reserve												
Other:	Other Marine Managed Area Type												
Statutory:	Statutory												
MMA_Design:	MMA Designation												
GlobalID:	Global ID of feature in ArcGIS Online												
CreationDate:	Creation date of the feature												
Creator:	Creator of the feature												
EditDate:	Date feature was last edited												
Editor:	Editor of the feature												
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  
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