

Coastal Zone Management Act Performance Measurement System

Contextual Indicators

The Coastal Zone Management Act (CZMA) Performance Measurement System includes a suite of “contextual” indicators on the status of coastal societies, economies, environments, and natural hazards. Contextual indicator data supplement performance measurement data collected by state coastal zone management programs and give context to state activities by illustrating the many pressures on coastal areas. New contextual indicator data are collected annually, from existing data sets, by NOAA’s Office of Ocean and Coastal Resource Management (OCRM) and the NOAA Coastal Services Center. Data are provided at the national, regional, and state levels where possible.

Category	Indicator
Coastal Society	1. Population in the coastal zone
	2. Percentage of the population residing in the coastal zone
	3. Five-year change in the population of the coastal zone
	4. Population density in the coastal zone
	5. Land cover change in coastal watersheds
	6. Freshwater use in the coastal zone
Coastal Economy	7. Percentage of the economy attributable to the coastal zone
	8. Value of coastal zone tourism and recreation
	9. Percentage of employment in the coastal zone
	10. Percentage of coastal zone employment dependent on coastal and ocean resources
	11. Number of coastal zone establishments dependent on coastal and ocean resources
Coastal Environment	12. Overall condition of coastal waters a) Water quality index b) Sediment quality index c) Coastal habitat index d) Benthic index e) Fish tissue contaminants index
	13. Number of non-native species detected in tidal waters
	Coastal Hazards
15. Proportion of coastal Federal Disaster Declarations directly related to coastal hazards	
16. Total estimated cost of all billion-dollar weather disasters related to coastal hazards	

For more information, visit <http://coastalmanagement.noaa.gov/success/indicators.html> or contact:

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