

CONNECTIONS BETWEEN

CORAL REEFS & COASTAL COMMUNITIES

NOAA's Coral Reef Conservation Program monitors the biological, socioeconomic, and climate conditions of US coral reefs and communities through the National Coral Reef Monitoring Program (NCRMP). The Socioeconomic Component of the NCRMP collects and monitors human use of coral reef resources, knowledge, attitudes, and perceptions of coral reefs and coral reef management, and demographics of the populations living in coral reef areas. The takeaways below are based on resident survey results from Guam's second monitoring cycle.

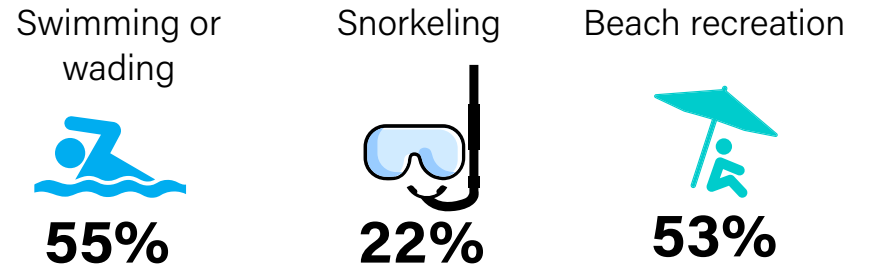


MANAGEMENT SUPPORT

Many residents supported management strategies to protect coral reefs.



ACTIVITY PARTICIPATION

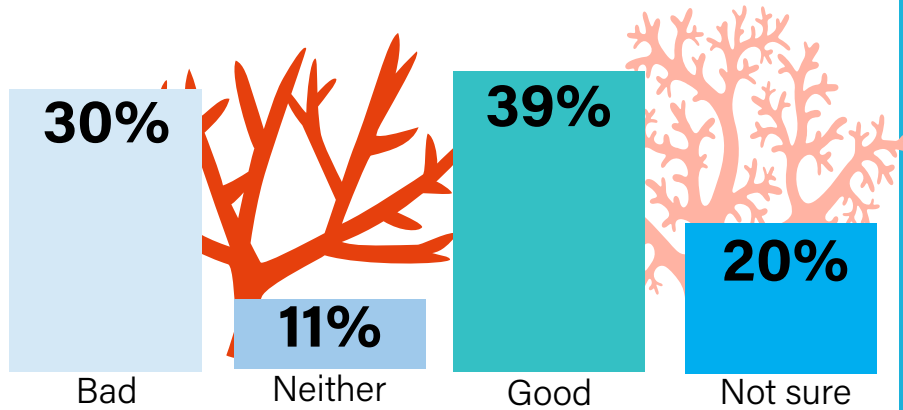


CORAL REEF IMPORTANCE

Most residents (94%) believed that coral reefs are important for protecting Guam from natural disasters, and most (97%) believed that coral reefs are important for Guam's cultural folklore.

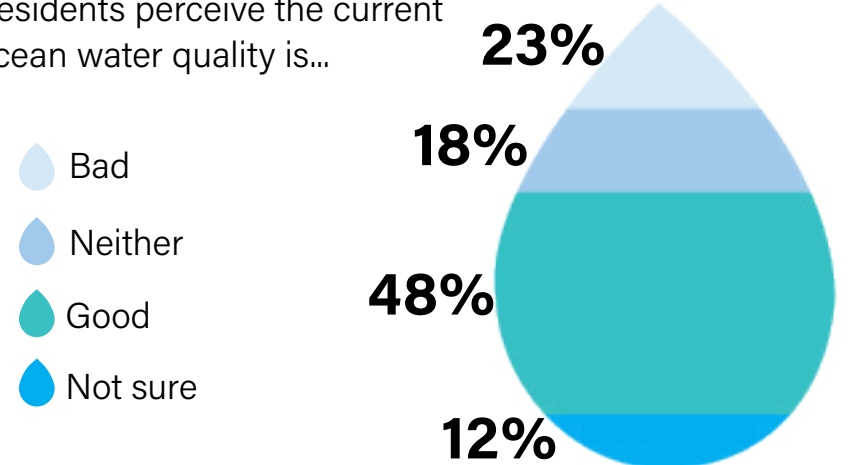
AMOUNT OF LIVE CORAL

Residents perceive the current amount of live coral is...



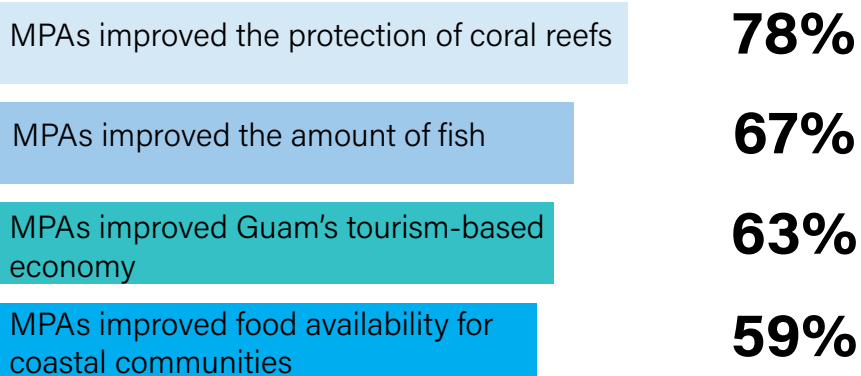
OCEAN WATER QUALITY

Residents perceive the current ocean water quality is...



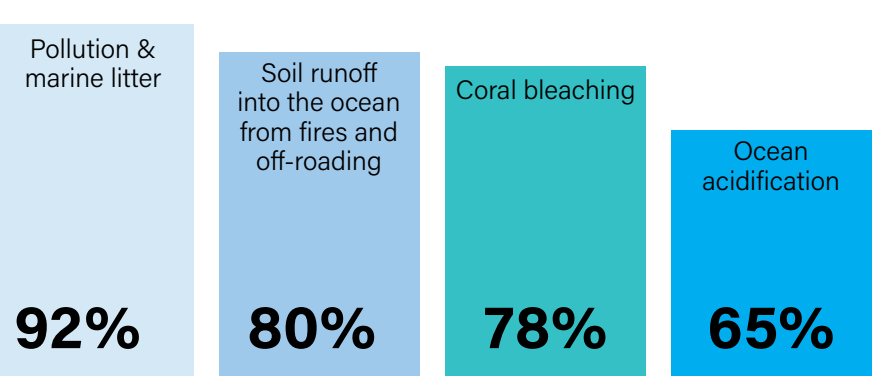
BENEFITS OF MPAs

Many residents had positive perceptions about the benefits of Marine Protected Areas (MPAs).



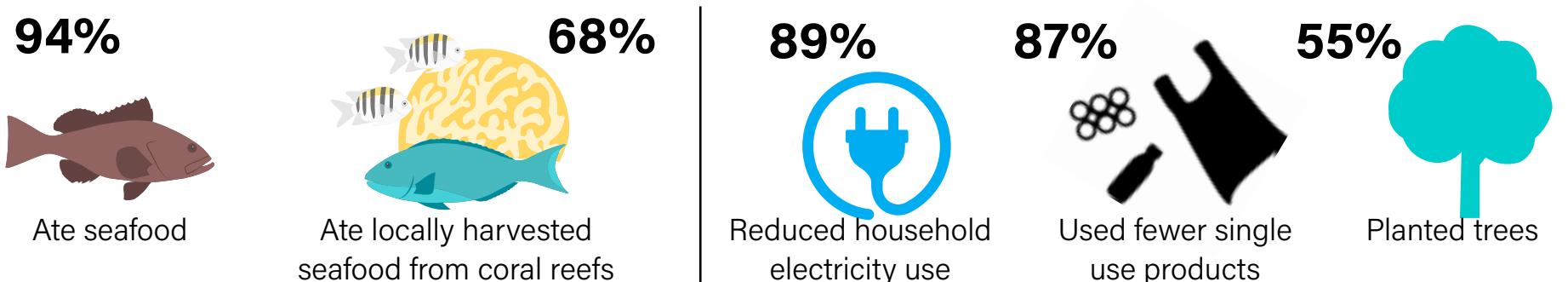
THREAT FAMILIARITY

Residents were familiar with the following threats to coral reefs.



SEAFOOD CONSUMPTION AND ENVIRONMENTAL BEHAVIORS

Residents were asked if they engaged in the following activities.



NOAA's Coral Reef Conservation Program monitors the biological, socioeconomic, All percentages have been rounded to the nearest whole number. An in-person, household survey was conducted within a random sample of residents aged eighteen and older across Guam between January and April 2023. Surveys were offered in English, CHamoru, Chuukese, and Korean. A total of 653 surveys were completed with a response rate of 19.7%. This survey was conducted for Guam's second socioeconomic NCRMP monitoring cycle, and is used in conjunction with the collection of existing secondary data to monitor the socioeconomic conditions of U.S. coral jurisdictions over time.

To download the data for these surveys, visit: <https://www.ncei.noaa.gov/archive/accession/download/0289480>
For more information, please see the NCRMP Socioeconomic Component project page at <http://www.coris.noaa.gov/monitoring/socioeconomic.html>

