

Catch Size Distribution and Biological Sampling Results

March 2026

A total of 2,075 shrimp samples were collected during the monitoring period. The average carapace length was 36.87 mm, with observed values ranging from 24.4 mm to larger individuals.

Length frequency analysis shows that the majority of the catch is concentrated within the 30–40 mm size class, indicating that the fishery predominantly captures small to medium-sized individuals.

Gonad maturity analysis indicates that a large proportion of sampled individuals are in immature stages (TKG 0), although mature individuals (TKG 3–4) are also present. This suggests that both juvenile and adult shrimp are being harvested.

These findings provide important baseline information for stock assessment, including inputs for growth analysis and Spawning Potential Ratio (SPR) estimation.

Further analysis is required to determine stock status and exploitation levels, including integration with temporal and spatial data.

