

Executive Summary: Health Impact Review of SHB 1010

Concerning the sanitary control of shellfish (2023 Legislative Session)

Evidence indicates that SHB 1010 may lead to Washington State Board of Health conducting rulemaking and Department of Health implementing a program to regulate commercially harvested crab for biotoxin contamination, which may increase monitoring, flexibility of management actions, coordination, and compliance related to biotoxin contamination in commercially harvested crab.

SHB 1010 may also increase opportunities for commercial Dungeness crab fisheries to remain open during biotoxin contamination events, which would likely improve economic, social, cultural, mental, and emotional outcomes and reduce inequities for commercial crabbers and fishing communities.

SHB 1010 would also likely improve public health safeguards related to biotoxin contamination in commercially harvested Dungeness crab, which would likely prevent negative health outcomes and reduce inequities for people who consume Dungeness crab commercially harvested in Washington State.

BILL INFORMATION

Sponsors: House Agriculture & Natural Resources Committee

Summary of Bill:

- Allows Washington State Board of Health (SBOH) to adopt rules regulating commercial crab harvesting, tracking, and recalls by June 30, 2025.
- Grants Washington State Department of Health (DOH) authority to regulate commercially harvested crab for biotoxin contamination.

HEALTH IMPACT REVIEW

Summary of Findings:

This Health Impact Review found the following evidence for provisions in SHB 1010:

- **Informed assumption** that allowing SBOH to adopt rules regulating commercial crab harvesting, tracking, and recalls and granting DOH authority to regulate commercially harvested crab for biotoxin contamination may lead to SBOH conducting rulemaking and DOH implementing a program to regulate commercially harvested crab for biotoxin contamination. This assumption is based on public health regulatory structure and information from key informants.
- **Informed assumption** that SBOH conducting rulemaking and DOH implementing a program to regulate commercially harvested crab for biotoxin contamination may increase monitoring, flexibility of management actions, coordination, and compliance related to

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 **HEALTH EQUITY**
Governor's Interagency Council
on Health Disparities

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biotoxin contamination in commercially harvested Dungeness crab.^A This assumption is based on proposed changes to the law and information from key informants.

Pathway 1: Commercial crabbers and fishing communities

- **Informed assumption** that increased monitoring, flexibility of management actions, coordination, and compliance related to biotoxin contamination in commercially harvested Dungeness crab may increase opportunities for commercial Dungeness crab fisheries to remain open during biotoxin contamination events. This assumption is based on information from published literature and key informants.
- **A fair amount of evidence** that increased opportunities for commercial Dungeness crab fisheries to remain open during biotoxin contamination events would likely improve economic outcomes for commercial crabbers and fishing communities.
- **Strong evidence** that improved economic outcomes for commercial crabbers and fishing communities would likely improve social, cultural, mental, and emotional outcomes for commercial crabbers and fishing communities.
- **Strong evidence** that improved health outcomes for commercial crabbers and fishing communities may reduce inequities.

Pathway 2: Food safety

- **Strong evidence** that increased monitoring, flexibility of management actions, compliance, and coordination related to biotoxin contamination in commercially harvested Dungeness crab would likely improve public health safeguards.
- **Strong evidence** that improved public health safeguards related to biotoxin contamination in commercially harvested Dungeness crab would likely prevent negative health outcomes for people who consume Dungeness crab commercially harvested in Washington State.
- **A fair amount of evidence** that improving health outcomes for people who consume Dungeness crab commercially harvested in Washington State would likely reduce inequities.

“Additional considerations” includes potential impacts for the Puget Sound state commercial Dungeness crab fishery; Tribal commercial Dungeness crab fisheries; and Dungeness crab processors.

FULL REVIEW

For review methods, logic model, strength-of-evidence analyses, and citations of empirical evidence refer to the full Health Impact Review at

https://www.sboh.wa.gov/sites/default/files/2023-11/HIR-2024-03-SHB%201010_0.pdf

^A SHB 1010 pertains to commercially harvested crab. Since state commercial crab fisheries only allow harvest and retention of Dungeness crab (personal communication, Washington Department of Fish and Wildlife [WDFW], November 2023), provisions of SHB 1010 would only apply to Dungeness crab. This review retains “crab” in discussion of bill provisions and otherwise uses “crab” and “Dungeness crab” interchangeably.

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