

W. L. Hobart, Editor J. A. Strader, Managing Editor



On the cover: Gulf of Mexico shrimp vessel and pink shrimp, *Farfantepenaeus duorarum* (Photo: NOAA/NMFS).



Articles

84(1-2), 2022

Characteristics of the U.S. Seafood Trade Deficit

Ben Fissel, Andrew Kitts, Mike Dalton, Rosemary Kosaka, Melissa Krigbaum, Akbar Marvasti, Dale Squires, Eric Thunberg, Mike Travis, and John Walden 1

## U.S. DEPARTMENT OF COMMERCE

Gina M. Raimondo Secretary of Commerce

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Richard W. Spinrad Under Secretary for Oceans and Atmosphere

## National Marine Fisheries Service Janet Coit Assistant Administrator for Fisheries

The Marine Fisheries Review (ISSN 0090-1830) is published quarterly by the Scientific Publications Office, National Marine Fisheries Service, NOAA, 7600 Sand Point Way N.E., Seattle, WA 98115. Annual subscriptions are sold by the Superintendent of Documents, U.S. Government Publishing Office, Washington, DC 20402. The annual subscription price is \$25.00 domestic, \$35.00 foreign. Single copies are \$9.50 domestic, \$13.30 foreign. New subscriptions may be purchased online at http://bookstore.gpo.gov/products/ sku/703-028-00000-4 or by mail at U.S. Government Publishing Office, P.O. Box 979050, St. Louis, MO 63197-9000.

Although the contents of this publication have not been copyrighted and may be reprinted entirely, reference to source is appreciated.

Publication of material from sources outside the NMFS is not an endorsement, and the NMFS is not responsible for the accuracy of facts, views, or opinions of the sources. The Secretary of Commerce has determined that the publication of this periodical is necessary for the transaction of public business required by law of this Department. Use of the funds for printing this periodical has been approved by the Director of the Office of Management and Budget.

The NMFS does not approve, recommend, or endorse any proprietary product or proprietary material mentioned in this publication. No reference shall be made to the NMFS, or to this publication furnished by the NMFS, in any advertising or sales promotion which would indicate or imply that the NMFS approves, recommends, or endorses any proprietary product or proprietary material mentioned herein, or which has as its purpose an intent to cause directly or indirectly the advertised product to be used or purchased because of this NMFS publication. This issue, volume 84 numbers 1–2, was printed and distributed in November 2023.

This publication is available online at http://spo.nmfs.noaa.gov