

MRIP METHODS AND DATA SEMINAR
NY Stakeholders Workshop

April 23, 2013

CURRICULUM

- I. What is recreational catch data and how is it used?
 - a. Types:
 - i. Trip/effort data: number of trips, timing, duration, geographic location, gear type(s) are all important
 - ii. Catch data: landings and discards/releases
 - iii. Bycatch
 - iv. Biological data: length/weight, age, sex
 - b. Uses (customers):
 - i. Stock assessments: removals and age/length/weight/sex distribution; CPUE may be used
 - ii. Setting ACL's (and other reference points) and associated fishing regulations: Seasonal, geographic, size distribution of catch instrumental in projecting effects of management measures (e.g. size limits, closures) on ACL accountability
 - iii. Monitoring catch vs. ACL (and other reference points)
 - iv. Meeting requirements of ESA, MMPA
 - v. Providing basic data to support more in-depth economic and social analyses

- II. Principal data collection methods: there are only two! (use content from attached power point slides)
 - a. Census surveys
 - i. Characteristics
 - ii. Basic requirements
 - iii. Sources of error/uncertainty (class interaction, brainstorming here)
 - b. Sample surveys
 - i. Characteristics
 - ii. Basic requirements
 - iii. Sources of error/uncertainty (class interaction, brainstorming here)

- III. Recreational Fisheries Data Collection: How we do it now in the Northeast Region.
 - a. Mainly by sample in a complemented (two-part) survey design
 - b. Catch data (including releases):
 - i. Shore and private boat modes: intercept survey

- ii. Charter boats: intercept survey; interest in logbook/ER
 - iii. Headboats (southeast): logbook with electronic reporting; at-sea observers for releases and biological samples
- c. Trip data: mainly by sample
 - i. Shore and private boats: Coastal Household Telephone Survey
 - ii. Charter boats and headboats: For-hire Telephone survey
- d. Biological data:
 - i. by sample during intercepts and headboat observers
 - ii. “cooperative angler” programs
- e. Basics of catch estimation
- f. Large Pelagic Survey
- g. Partner surveys

(end part I)

- IV. Recreational surveys: Sources of error and MRIP improvements
 - a. Consider showing the MRIP Bias video or homepage presentation here
 - b. ACCSP “standards”
 - c. Estimation: Log onto MRIP website and explore estimates
 - d. Intercept survey design
 - e. Logbook validation
 - f. Effort survey re-design: conversion to a registry-based sample frame and mail mode
 - g. For-hire logbooks?
 - h. “Rare-event” fisheries: special survey needs/census approaches
 - i. “Customer service” needs: improve sample size (precision); coverage; timeliness

V. Questions and Discussion

(end part 2)
