



**Puerto Rico's
Commercial
DNER Fisheries
Statistics Program
How data flows?**

By

**Daniel Matos-Caraballo
Biologist III**

**PRDNER Fisheries Research
Laboratory**

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I arrived to my office 23 years
ago.

No Mobile phones

No Internet

No Windows

The world Changes.

The fisheries changes.

Commercial Fisheries Statistics Program Personnel 2009

Port Samplers

Jesús León

Héctor Y. López

Luis A. Rivera

Statistic's Clerks

Albaliz Mercado

Lucía T. Vargas

Principal Investigator

Daniel Matos-Caraballo

Director FRL

Aida Rosario



Important History Fact

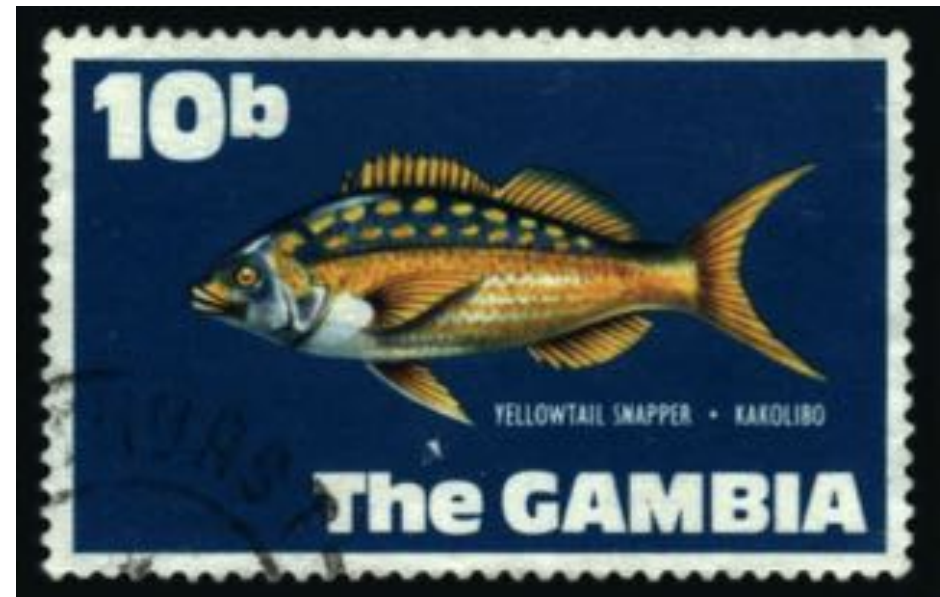
- In 1988, Interjurisdictional Fisheries Program (IJ), gave \$168,000/year to CFSP.
- Since 1996, IJ gave \$12,500/year to CFSP.



Commercial Fisheries Statistics Program Personnel 2010

Due fiscal problems the personnel Puerto Rico's government laid off 28,000 public workers.

The Program lost one port sampler and one Statistic's Clerk.



Commercial Fisheries Statistics Program Personnel 2011

NOAA Fisheries provides funds and the Program was able to contract three biologists to work as port samplers to collect data and help with the office work.



Biostatistics Data 2011

- Five port samplers and P.I. visiting fishing centers to collect biostatistics data.
- Identify catch by species, individually measured (Fork Length in mm) and weight (gr). If possible determine sex and obtained tissue sample.



Port samplers Distribution to collect Biostatitics samples

Jesús León
Río Grande-Arroyo
(Vieques y Culebra)

Aixa Tolentino
Arecibo – Carolina

Luis A. Rivera y Diane
M. Vázquez
Cabo Rojo – Guayanilla

Katheleen Flynn
Ponce-Guayama

Daniel Matos-Caraballo
Mayaguez – Hatillo;
Also help in
South Coast



How Landings data flows at the CFSP?



Landings Methodology

- Landings report are required by Law 286 and Regulation 7949 (previously 6768).
- Fishers submit their trip ticket report monthly to FRL directly, by mail or thru DNER Regional Offices. Also, many fish houses submitted their reports.
- Every fisher receive a receipt of their reports.



Trip Ticket used since May 2010.

- Please see copy of the trip ticket.

Landings Methodology

- Data received are enter in computer by statistical clerks.
- Fishers have a maximum of 60 days catch to report the data to the CFSP.



Landings Methodology



After data entry, the P.I. runs a validation program to eliminate the duplicates and corrected dates.

Then the data is sending to Josh Bennett, at NOAA/SEFSC, Miami, FL.

Five to 15 days after trip ticket arrives to CFSP, the data is already entered.



Thanks a lot for your attention!



Explosive ?? or deep ??

