



Monitoring the Impact of the Petitcodiac River Causeway Gates Opening in the Commercial Lobster Fishery

**In-Season Sampling from FSRS Lobster Recruitment Index Project Science
Traps**

Important Points and Reminders



Memorandum of Understanding signed last year still in effect.

Reimbursement of expense allowance for data collection - \$100 per trap. Must submit a completed expense claim form at the end of the season. Expense forms found in logbook and another copy is also in your tag envelope.

Traps in addition to your legal limit and must display the scientific tags provided.

Keep a copy of the scientific permit on board the vessel.

Must abide by the conditions of the scientific permit.

Return all lobsters from the science traps to the water.




Traps to be fished in same location throughout season. If you have to move traps, advise FSRS. Always record new position.

If lose trap, report it and scientific tag number lost to FSRS immediately.

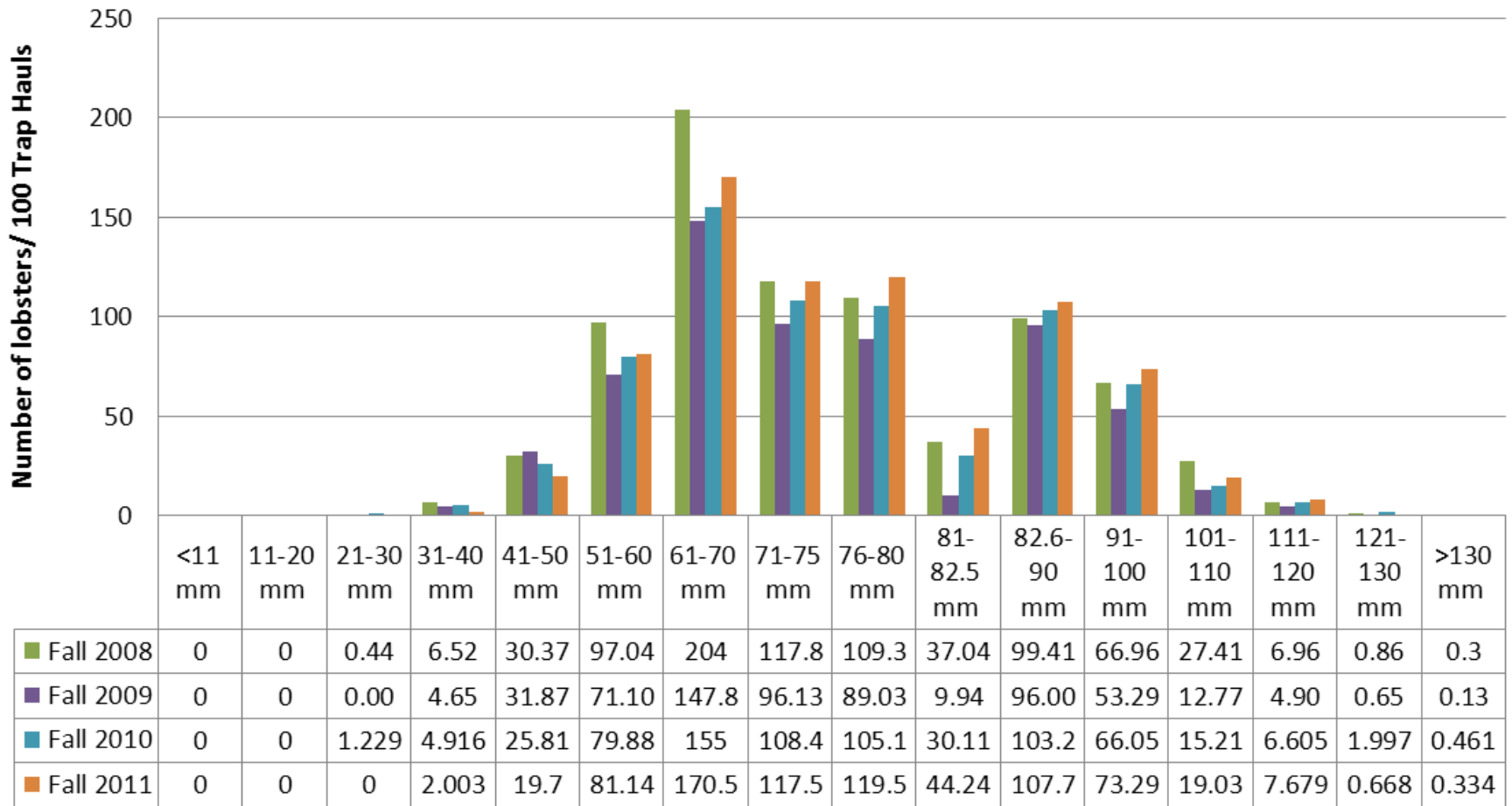
If lose minilog report it to FSRS immediately.

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FSRS Research Biologist
1-800-226-3777 or 902-461-8119

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- Fall season slide: Good signs for recruitment. Pre-recruit sizes (51-75 mm), are continuing to be strong.
 - Fall temperatures continue to be consistent year to year
 - Spring season slide: Good signs for recruitment as all pre-recruit sizes are showing strong signs from the trap catches.
 - Spring temperatures, appear to have increased by a couple of degrees compared to last spring temperatures

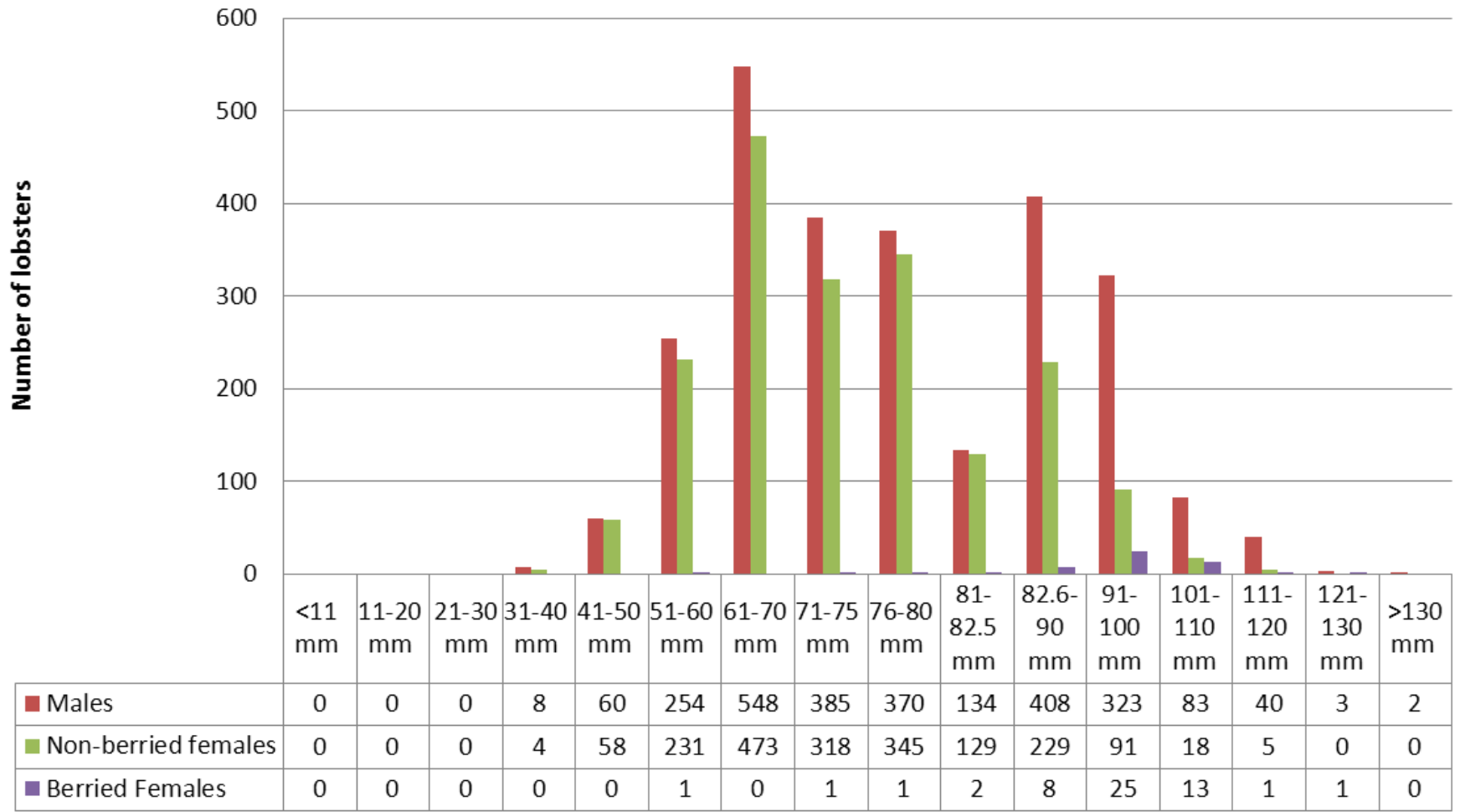
 - **Any questions or requests for additional information, please contact the FSRS office**

Number of lobsters caught for Upper Bay of Fundy Fall season



Fall 2008	12 Participant	5430 Lobsters	675 Trap Hauls	8.04 Lobsters/ Trap haul
Fall 2009	13 participants	4792 Lobsters	775 Trap Hauls	6.18 Lobsters/ Trap haul
Fall 2010	11 participants	4583 Lobsters	651 Trap Hauls	7.04 Lobsters/ Trap haul
Fall 2011	8 participants	4572 Lobsters	599 Trap Hauls	7.63 Lobsters/ Trap haul

Number of lobsters caught for Upper Bay of Fundy Fall 2011



Fall 2010 Males= 2655

Non-Berried Females= 1879

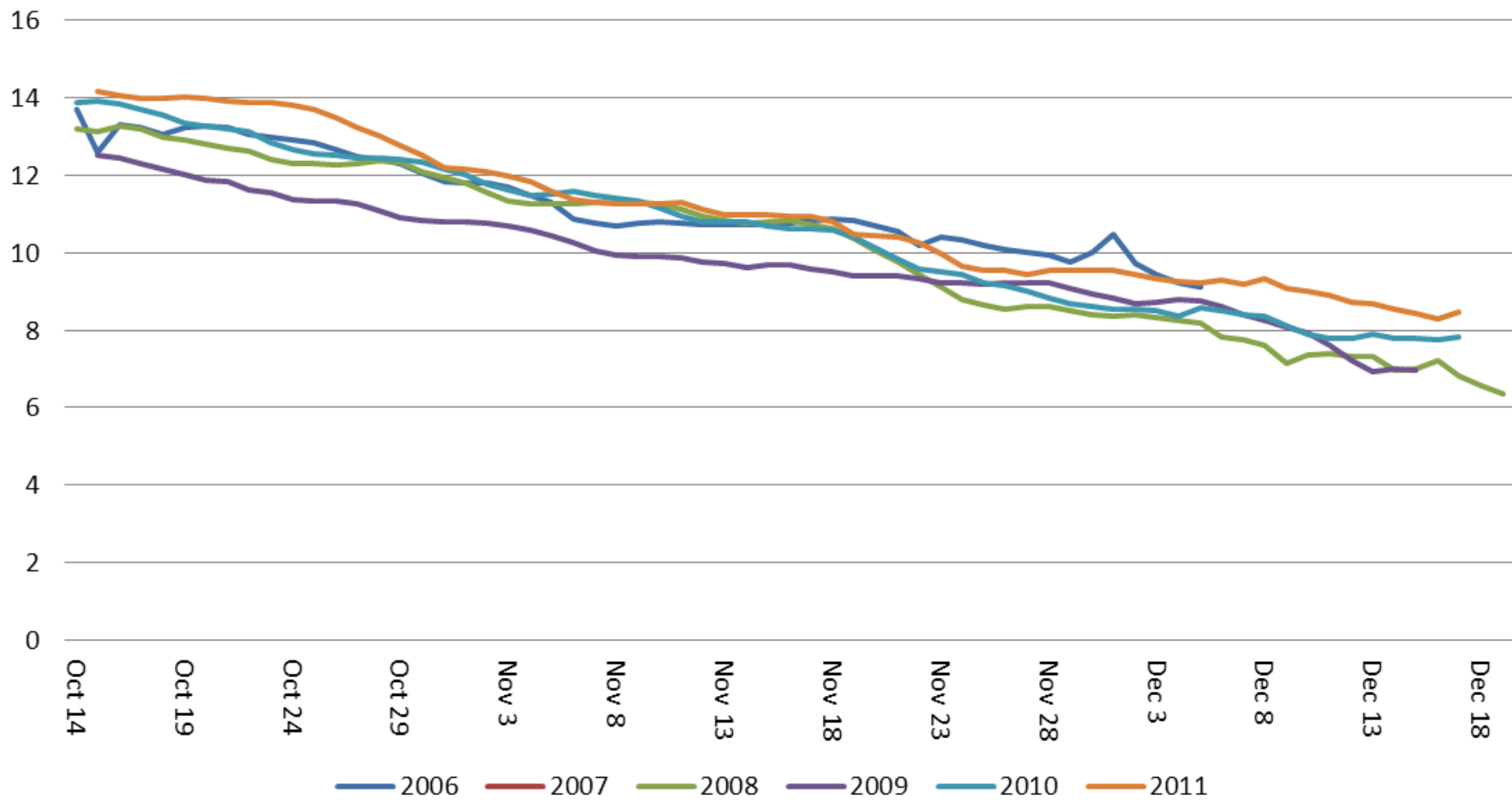
Berried Females= 49

Fall 2011 Males= 2618

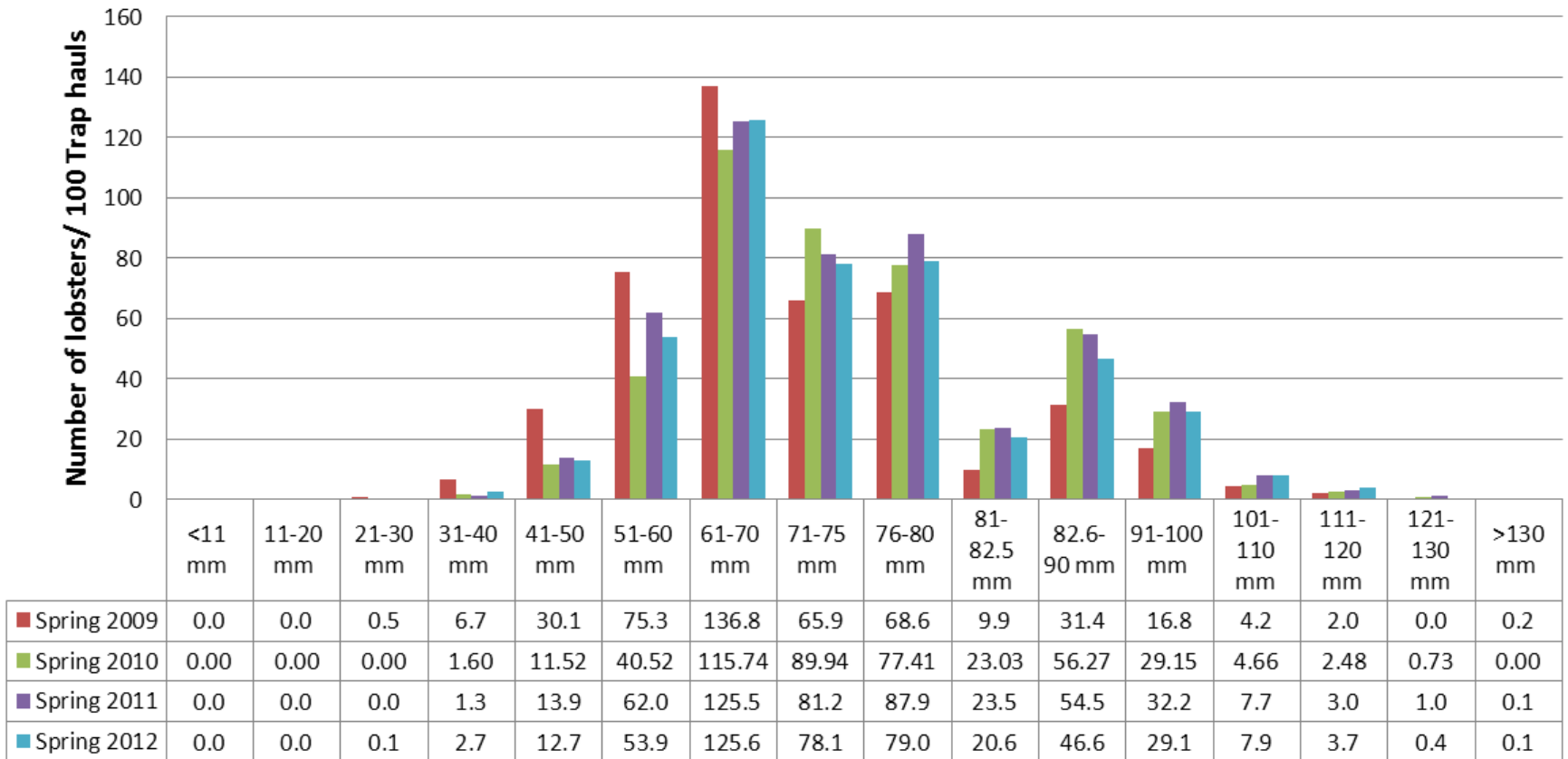
Non-Berried Females= 1901

Berried Females= 53

Average Bottom Temperature for Upper Bay of Fundy Fall season



Number of lobsters caught for Upper Bay of Fundy Spring season



Spring 2009 5 participants

1819 lobsters

405 Trap hauls

4.49 Lobsters/ Trap Haul

Spring 2010 12 participants

3108 lobsters

686 Trap Hauls

4.53 Lobsters/ Trap haul

Spring 2011 13 participants

4123 lobsters

835 Trap Hauls

4.93 Lobsters/ Trap haul

Spring 2012 9* participants

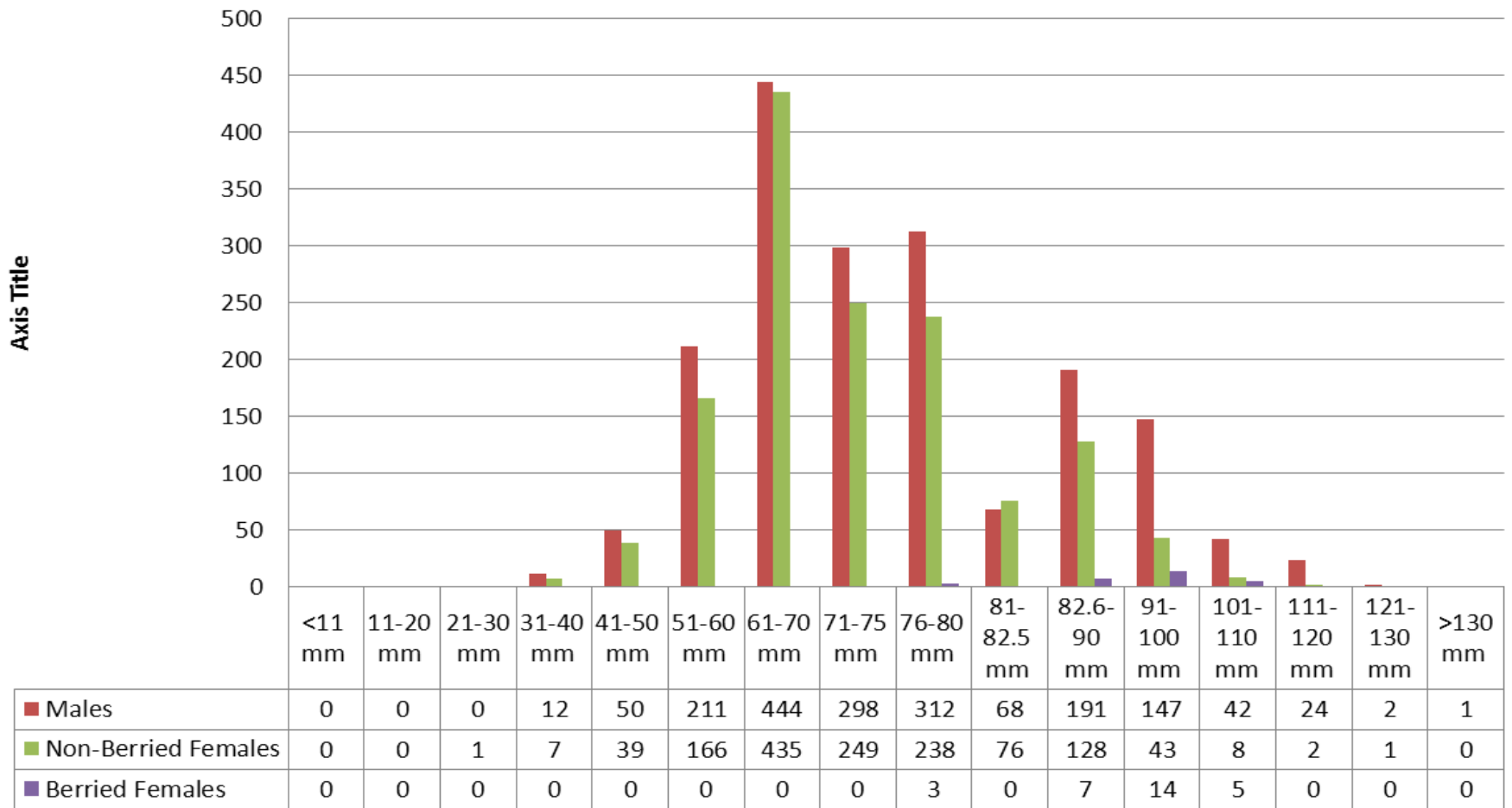
3224 lobsters

700 Trap Hauls

4.6 Lobsters/ Trap haul

* not all logbooks were entered at time of presentation

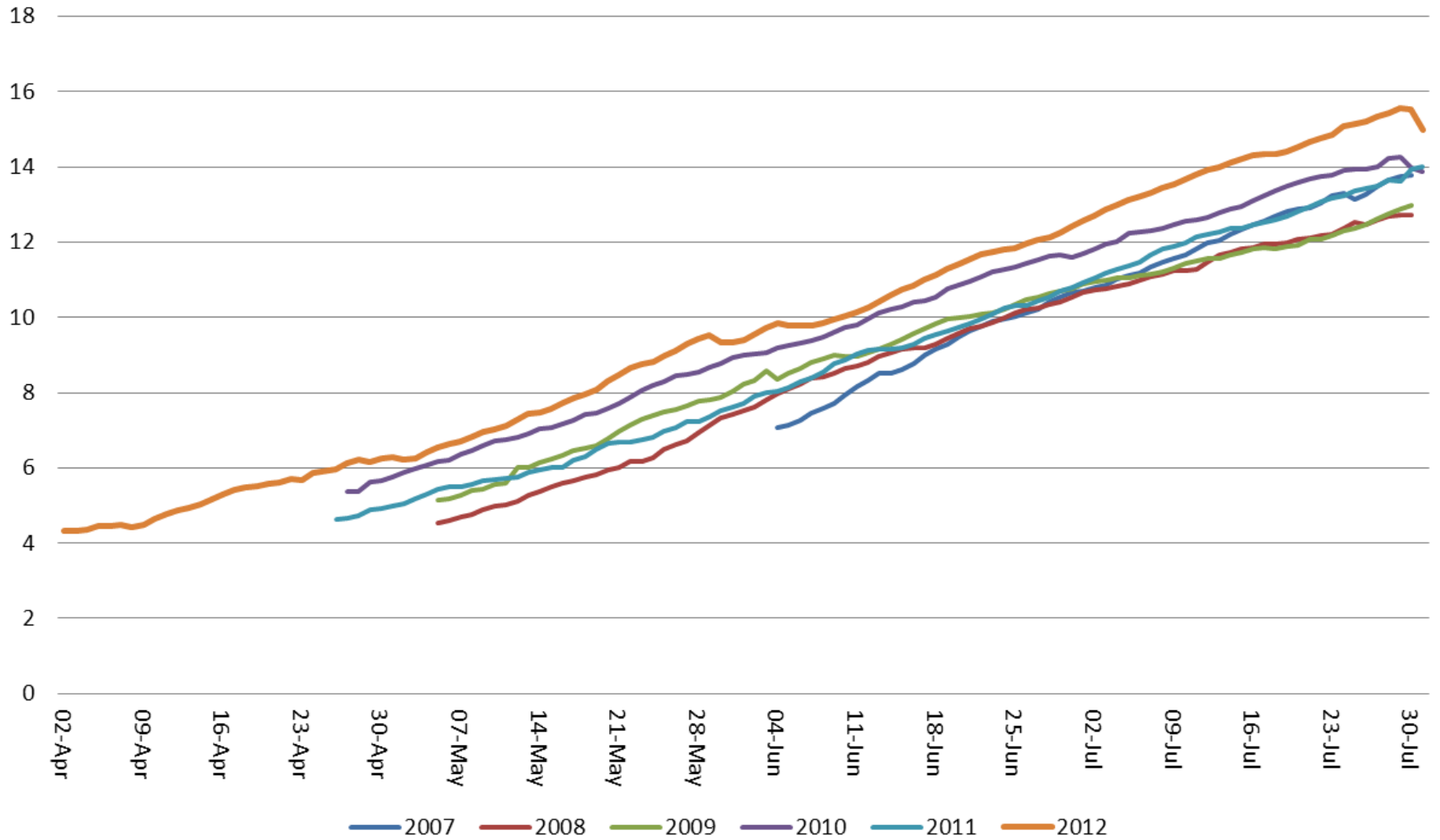
Number of lobsters caught for Upper Bay of Fundy Spring season



Spring 2011 **Males=2221** **Non-Berried Females=1846** **Berried Females=56**

Spring 2012 **Males= 1802** **Non-Berried Females= 1393** **Berried Females= 29**

Average Bottom Temperatures for Upper Bay of Fundy Spring season



Thank you

