



**NOAA**  
**FISHERIES**

NEFSC

# Georges Bank Yellowtail Flounder

Chris Legault

Groundfish Operational Assessment Review Meeting  
14-18 September 2015  
Woods Hole

# Timeline

- July 7-9 TRAC, St Andrews
  - Assessment reviewed, catch advice proposed
- Sept 1 SSC, Boston
  - ABC set
- Sept 9-10 TMGC, Halifax
  - Quota negotiated (country allocations formulaic)
- Sept 14-18 Groundfish Review
  - Information only – no decisions to be made
- Sept 29 – Oct 1 NEFMC (possibly approve GBYT)
- Dec 1-3 NEFMC (rest of groundfish)

# Empirical Approach

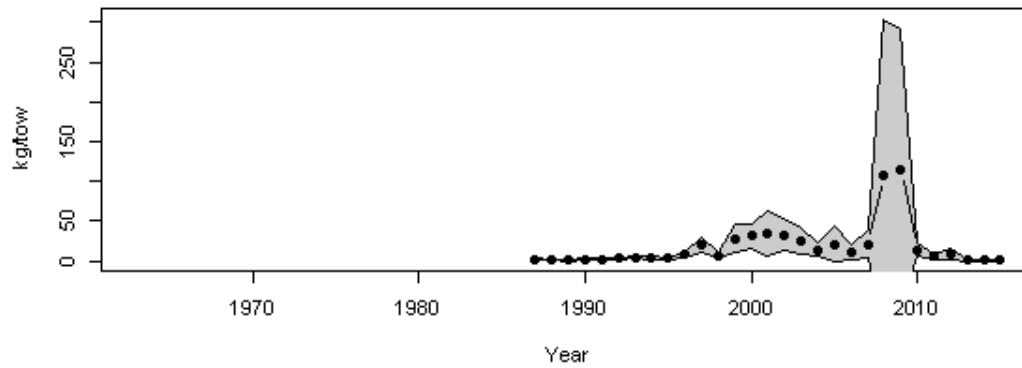
Year	DFO	Spring	Fall (year-1)	Avg (mt)	mu =	
					2% Catch Advice (mt)	16% Catch Advice (mt)
2010	8,233	22,181	26,936	19,117	382	3,059
2011	3,450	9,557	8,976	7,328	147	1,172
2012	5,063	14,908	9,793	9,921	198	1,587
2013	629	4,119	10,065	4,938	99	790
2014	462	2,684	3,493	2,213	44	354
2014revised	462	2,763	3,493	2,240	45	358
2015	741	1,891	4,092	2,241	45	359

# Catch Advice

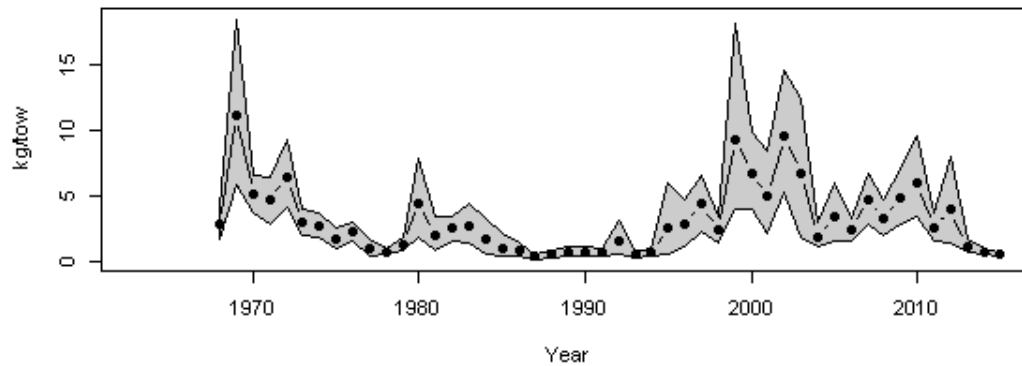
- TRAC
  - 45 – 359 mt (2 – 16% exploitation rate)
  - 354 mt (constant quota)
- SSC
  - 354 mt (constant quota)
- TMGC
  - 354 mt (constant quota)
  - Allocations: 269 mt US, 85 mt Canada

# Questions?

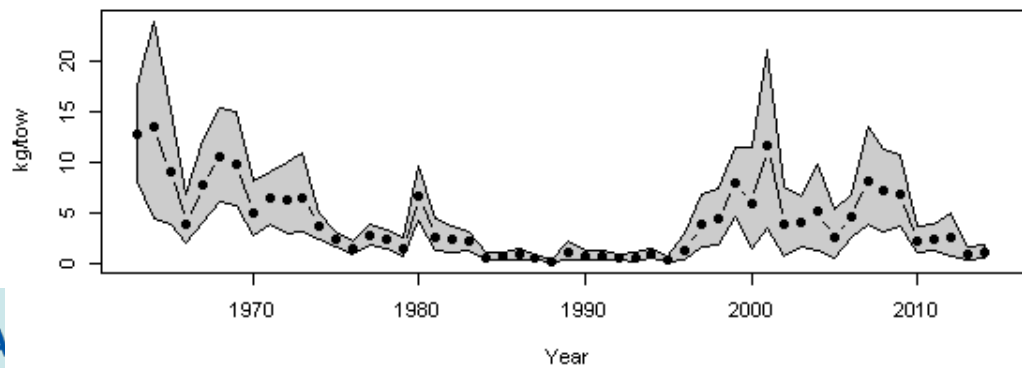
### DFO



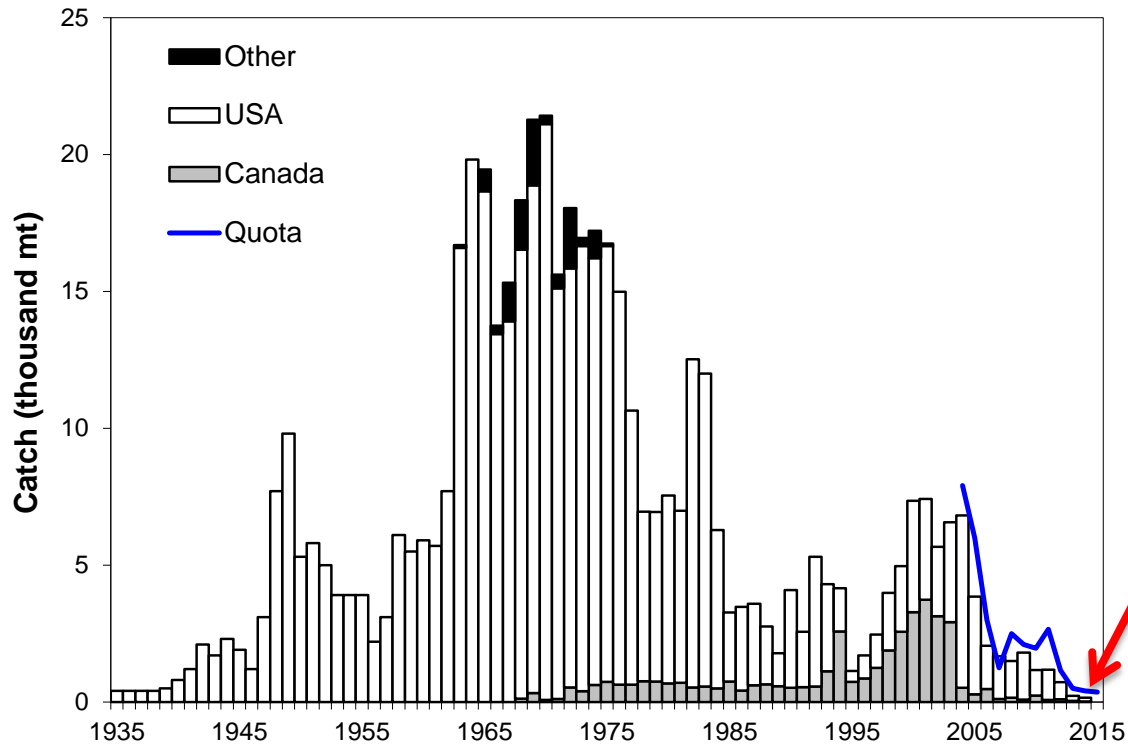
### NEFSC Spring



### NEFSC Fall



Stock biomass is low and productivity is poor.



2014  
Quota = 400mt  
Catch = 159 mt

	metric tons							
	Landings	Discards	Catch			Landings	Discards	Catch
US	70	74	144		US	44%	47%	91%
Canada	1	14	15		Canada	0%	9%	9%
Sum	70	88	159		Sum	44%	56%	100%

# Historical Perspective

Year	Quota (mt)	Actual Catch (mt)	Quota/Avg	Catch/Avg	Model Type
2010	1956	1170	10%	6%	VPA
2011	2650	1171	36%	16%	VPA
2012	1150	725	12%	7%	VPA
2013	500	218	10%	4%	VPA
2014	400	159	18%	7%	VPA
average	1331	689	17%	8%	