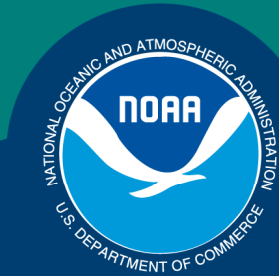


Science, Service, Stewardship



Impacts of re-estimates on NEFSC stock assessments

MRFSS/MRIP Calibration Workshop

Raleigh, NC March 27-29, 2012

**NOAA
FISHERIES
SERVICE**

NOAA

Primary recreationally caught species in
Northeast and Mid-Atlantic assessments:

Scup

Black sea bass

Summer flounder

Striped bass

Bluefish

Pollock

Atlantic mackerel

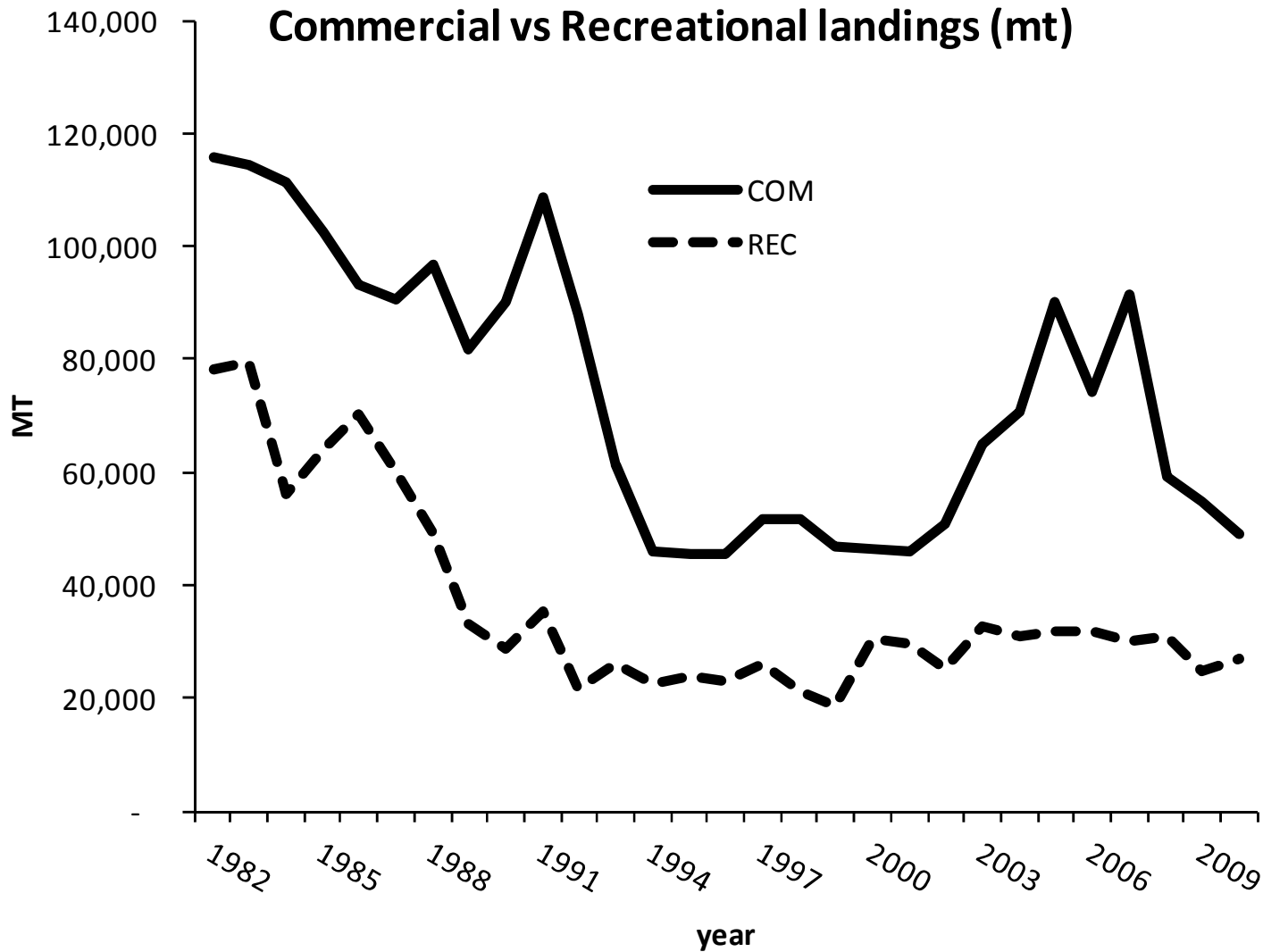
Winter flounder (2 stocks)

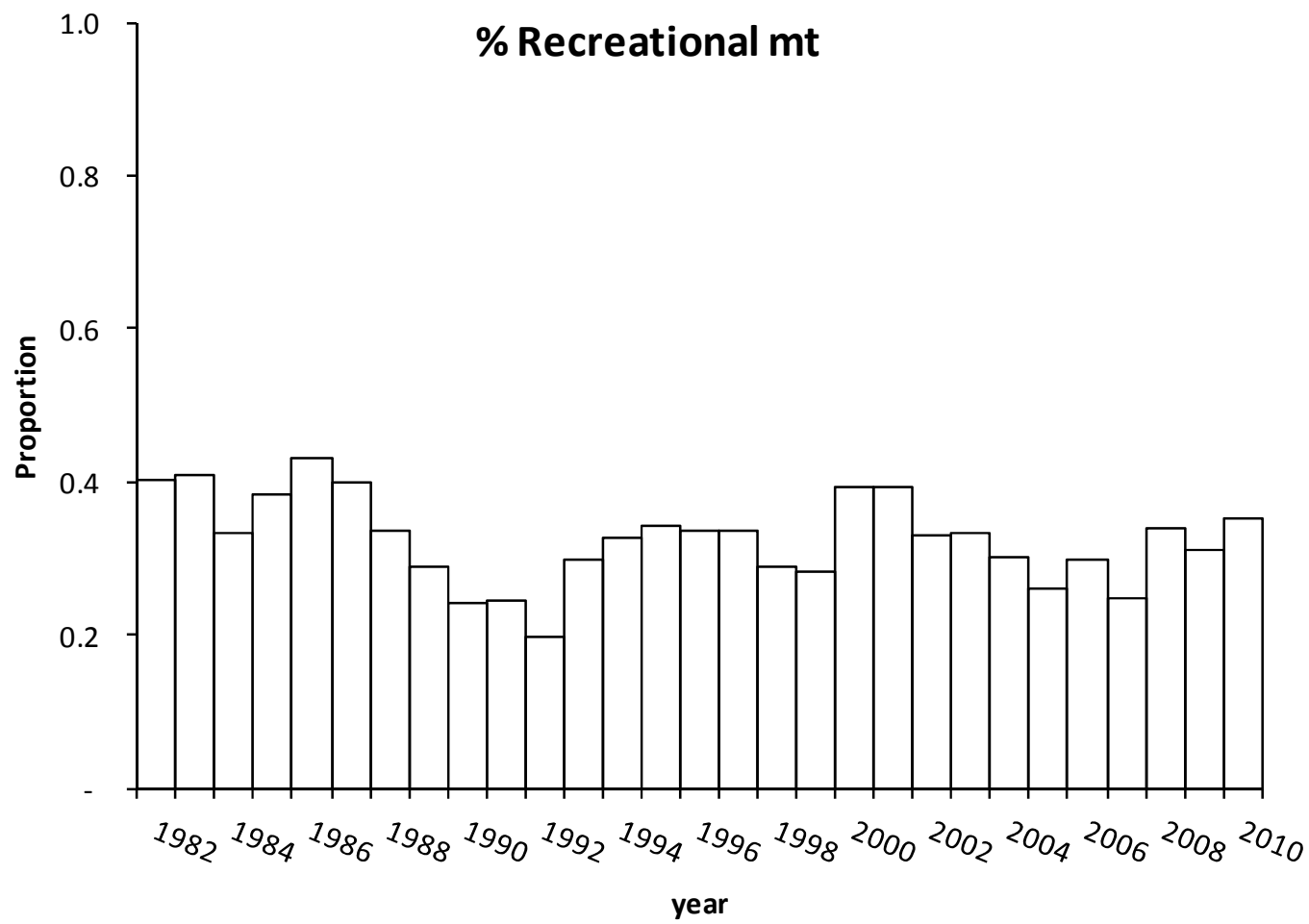
Haddock (Gulf of Maine)

Cod (2 stocks)

Combined across species

Commercial vs Recreational landings (mt)





Information sources:

Catch:

MRFSS

CPUE:

MRFSS

Vessel Trip Report logbooks

AB1 lengths:

MRFSS

Commercial logline samples

Volunteer Angler logs

NEFSC bottom trawl

B2 lengths:

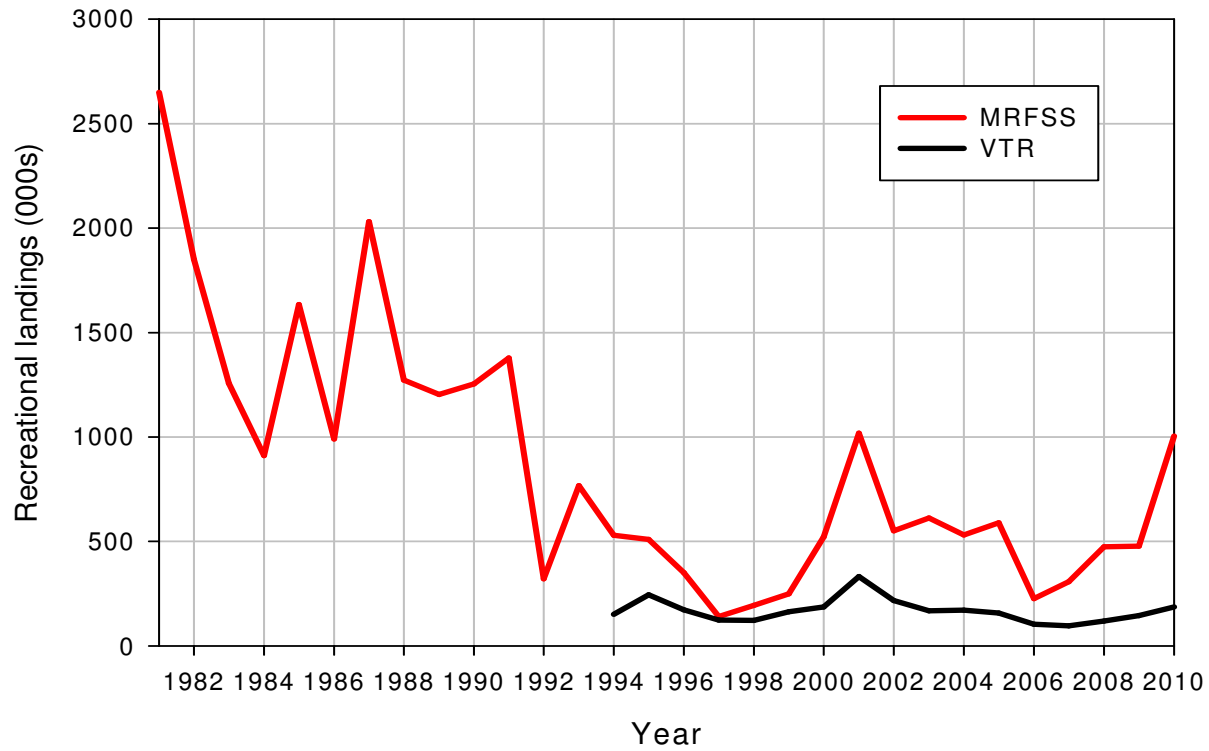
MRFSS

American Littoral Society tagged fish

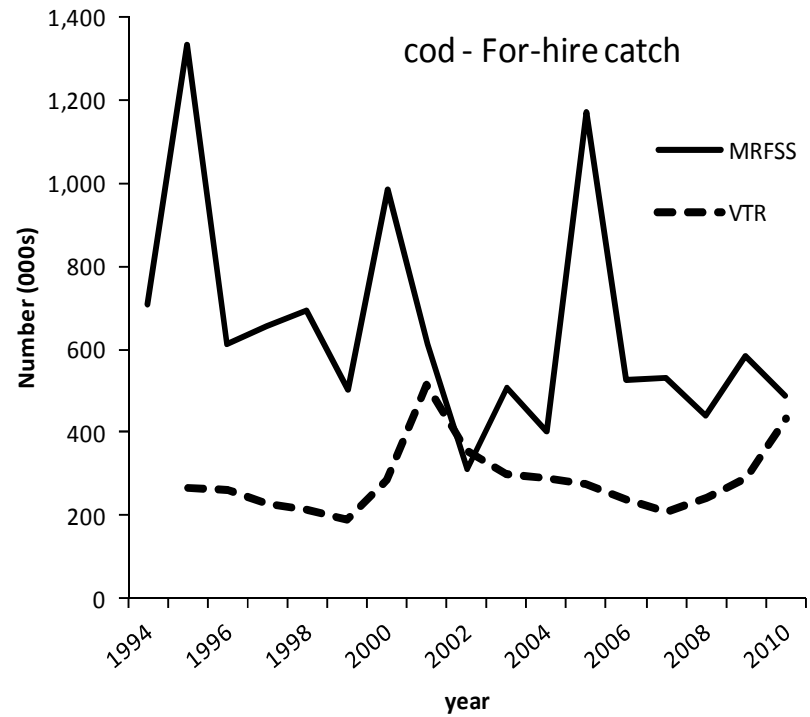
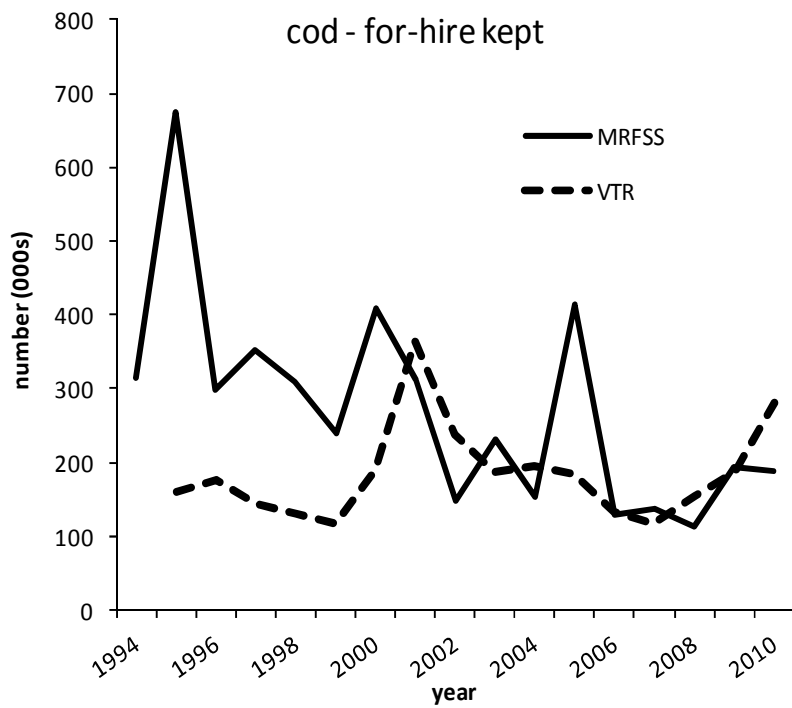
NEFSC bottom trawl

Volunteer angler logs

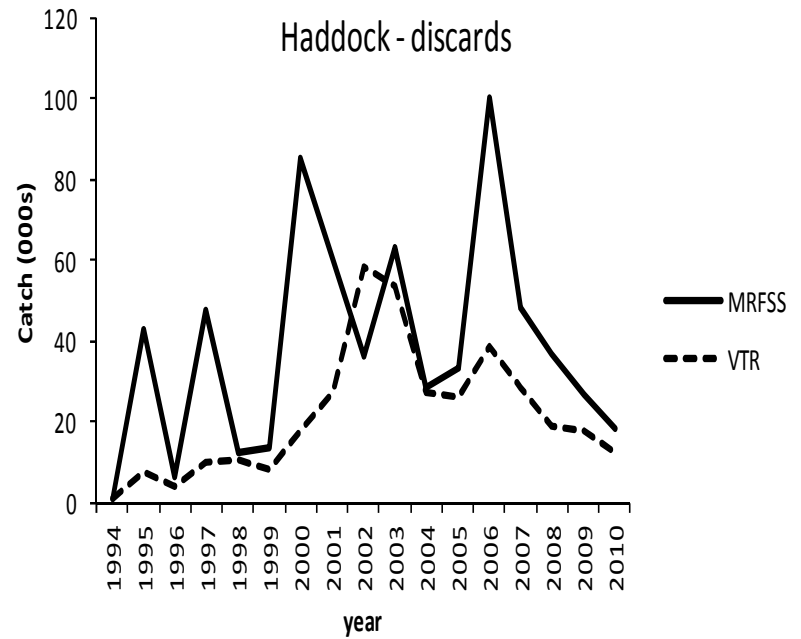
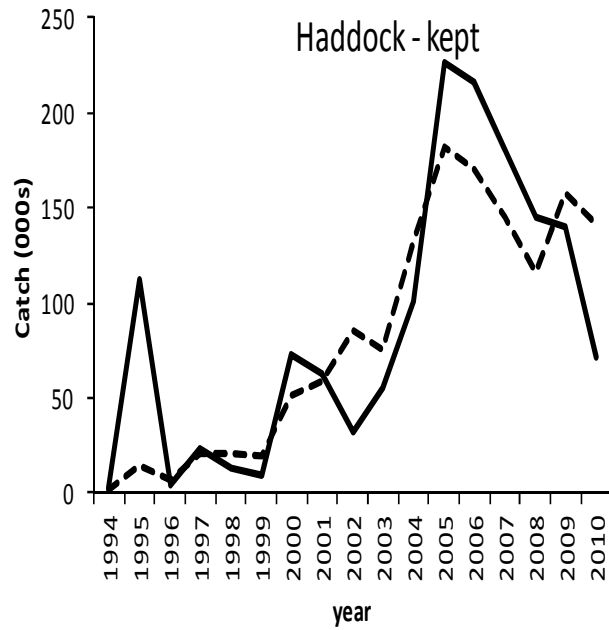
GoM Cod	average rec landings (mt)	average rec discard (mt)	proportion recreational catch (mt)
time series	2052.2	563.4	23.4%
5 yr average	1731.3	1314.4	36.6%



GB/SNE Cod	average		by wt- USA
	rec landings mt	discard mt	proportion recreational
time series	1436.6	379.9	10.6%
5 yr average	71.2	93.8	4.1%



GoM Haddock	Average landings #	Average discard #	proportion weight recreational landing
time series	108,068	51,656	11%
5 yr average	347,527	107,693	50%



GoM Winter Flounder	Average landings 000s	Average discard 000s	catch proportion recreational #
time series	944	179	17%
5 yr average	98.2	60.4	8%

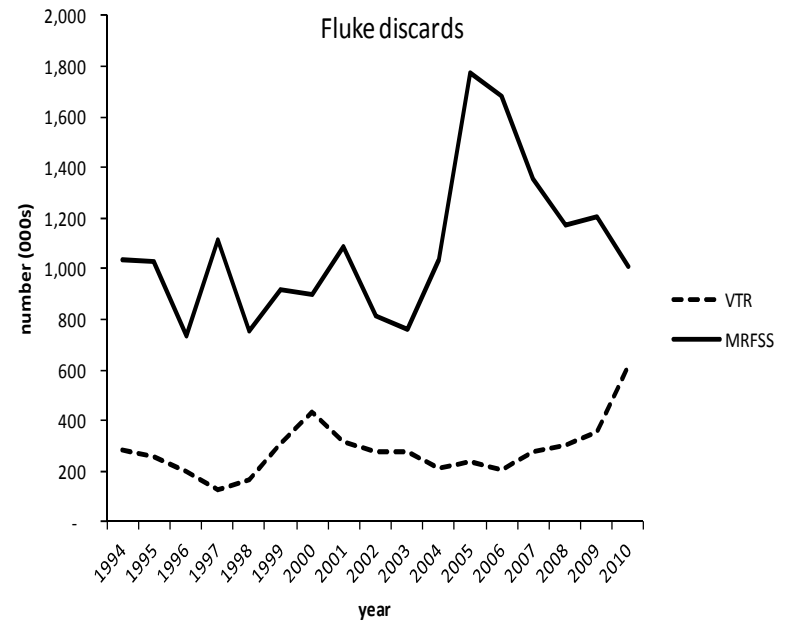
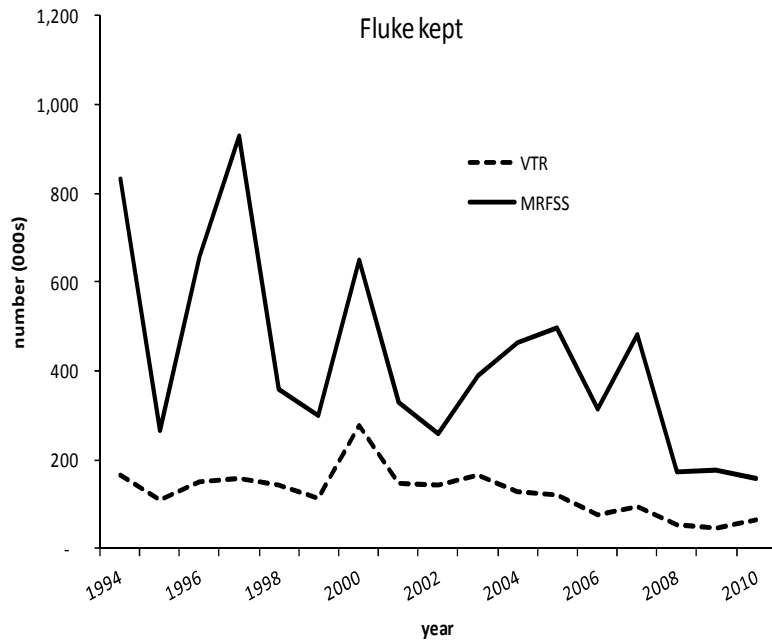
SNE Winter Flounder	average rec landings (000s)	discard 000s	by mt proportion recreational landings
time series	3149	1306.1	26%
5 yr average	146.6	133.8	8%

Atl. Mackerel	Average landings (000s)	Average discard (000s)	landed mt proportion recreational
time series	3,744.4	394.5	9%
5 yr average	3,227.2	281.8	3%

Pollock	Average landings mt	Average discard mt	proportion recreational #
time series	354.5	327.3	18%
5 yr average	606.6	421.0	14%

Summer flounder	Average landings (# 000s)	Average discard (# 000s)	Landings proportion recreational #
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time series	6,745	14,338	37.4%
5 yr average	2,644	21,345	33.3%



Striped bass	Average landings #	Average dead discard #	removal # proportion recreational
time series	1,191	707	66.5%
5 yr average	2,261	1,102	69.7%

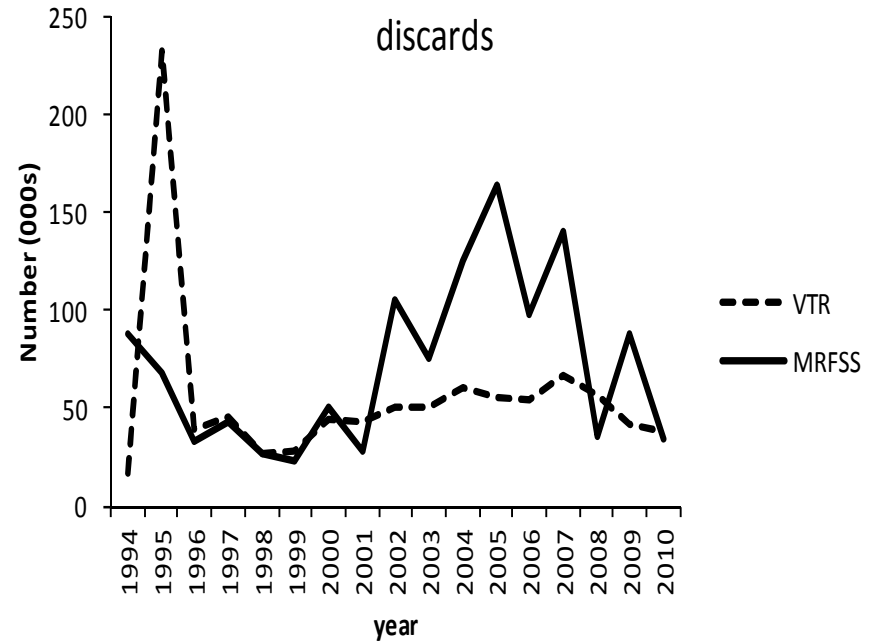
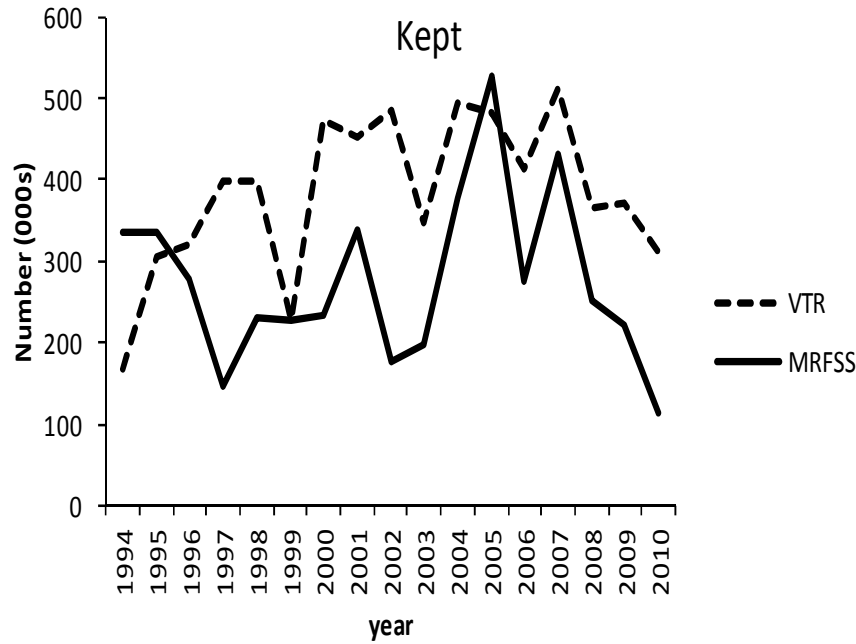
Bluefish

Average
landings (000s)

Average
discard (000s)

MT
proportion
recreational

time series	10,170	7,710	70.1%
5 yr average	6,753	11,772	72.2%



Black Sea Bass

Average
landings mt

Average
discard mt

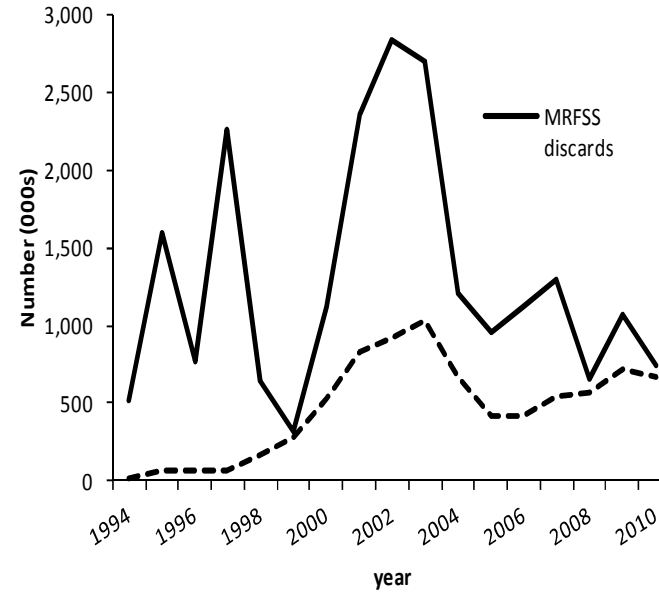
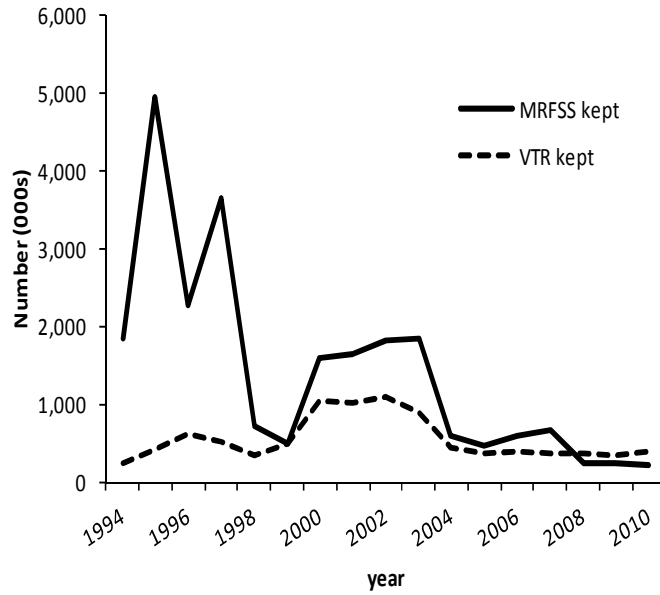
catch (mt)
proportion
recreational

time series
5 yr average

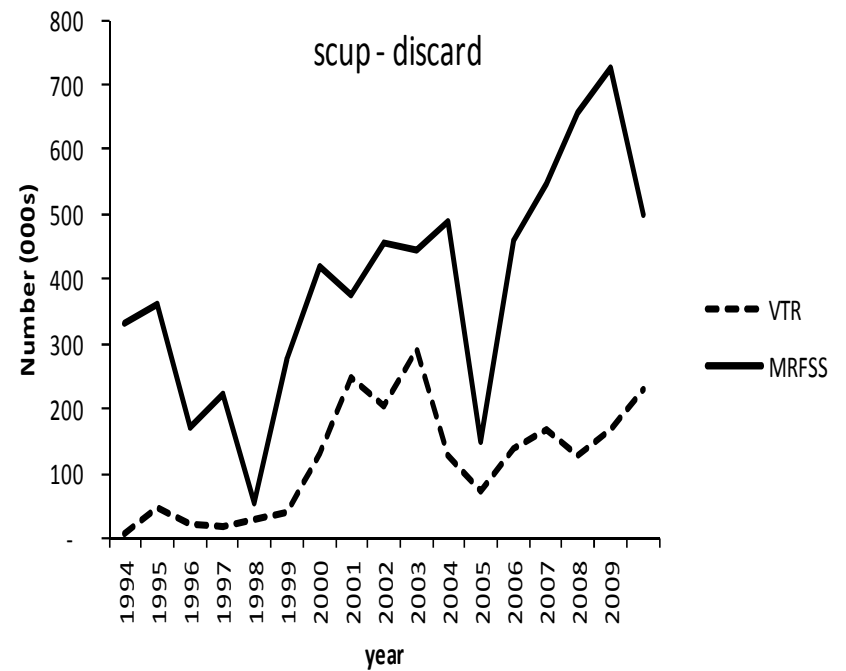
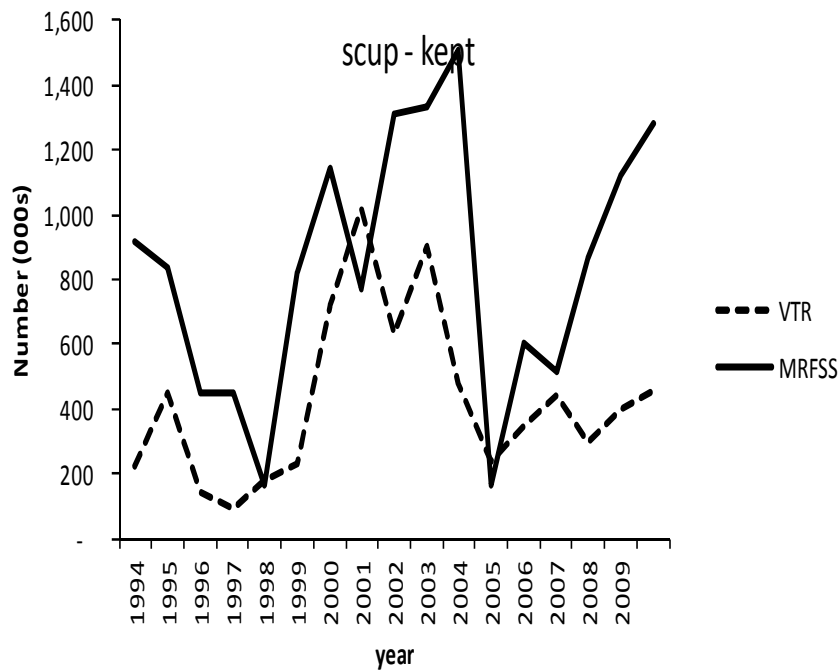
1,354.5
1,004.4

150.4
221.0

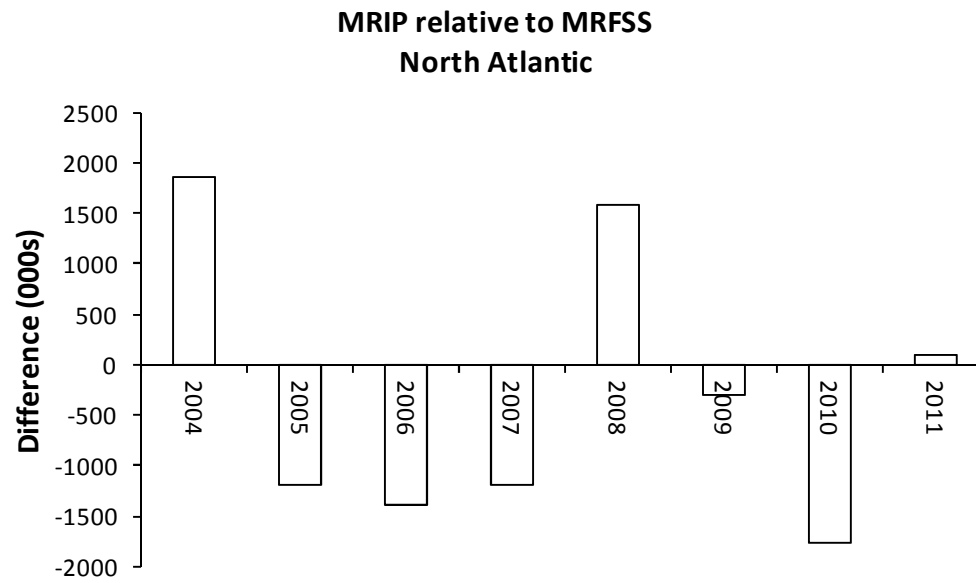
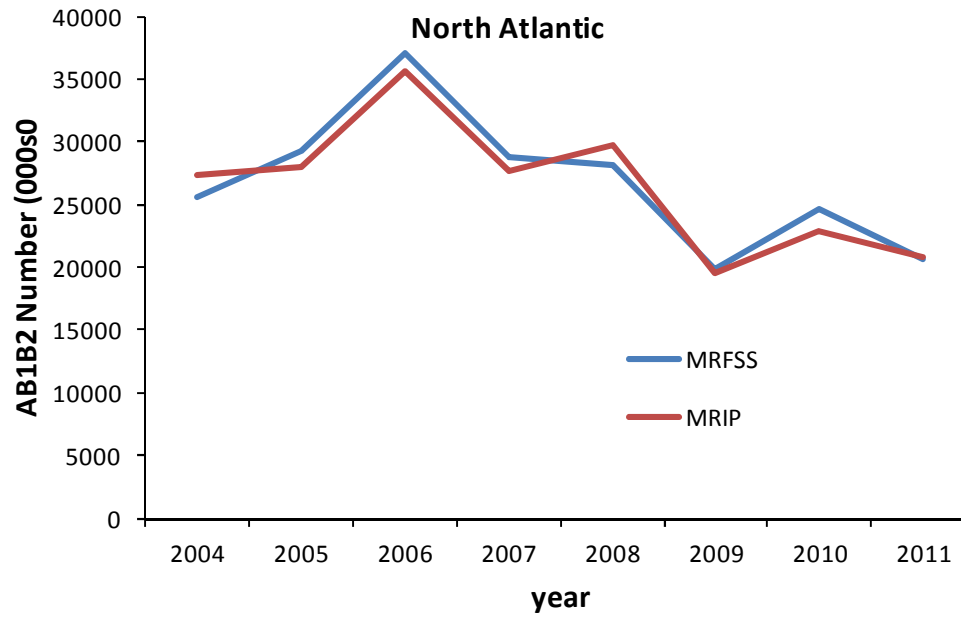
53.1%
55.8%



Scup	Average landings (mt)	Average discard mt	proportion recreational
time series	1,984	109	11%
5 yr average	1,752	301	26%



11 species



22 species

