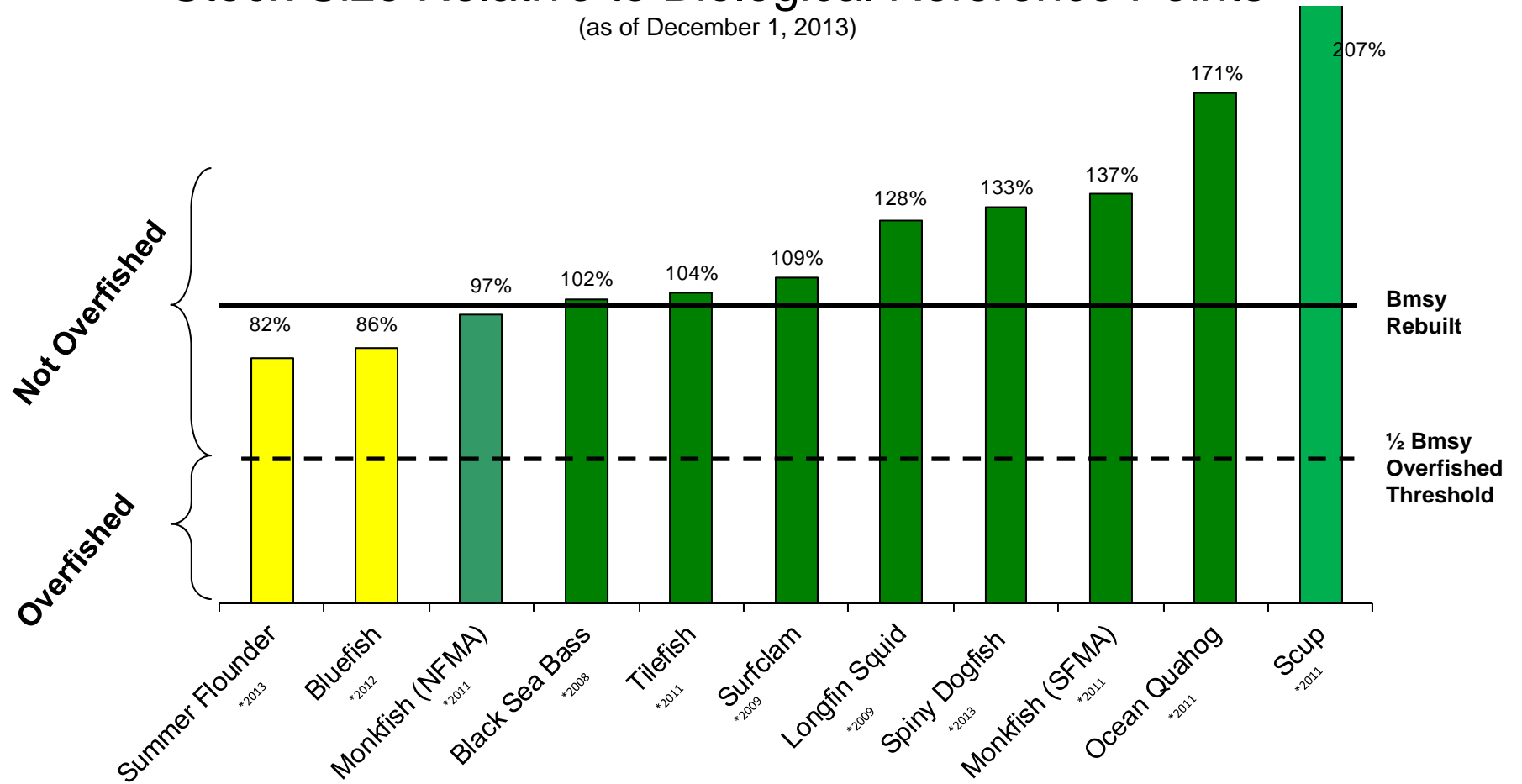


# Stock Size Relative to Biological Reference Points

(as of December 1, 2013)



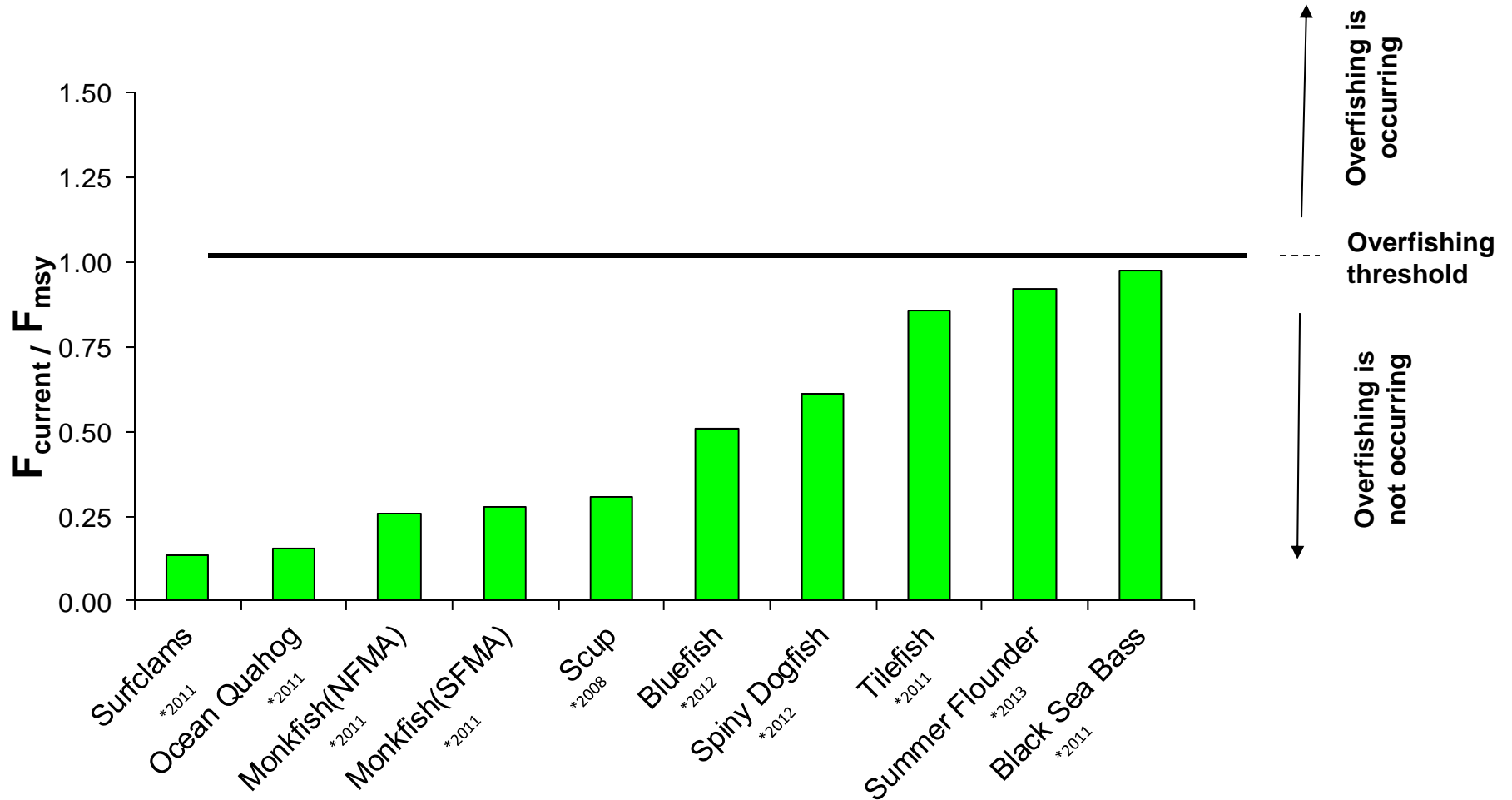
\* This is the year of the data used to determine stock size.

NOTE: Unknown Bmsy - *Illex* squid, butterfish, and mackerel.

NOTE: Of the 14 stocks managed by the Council, 9 are above B(msy), 2 are slightly under B(msy), and 3 are unknown.

NOTE: NMFS has not declared the tilefish stock rebuilt.

# Fishing Mortality Ratios for MAFMC Managed Species



\* This is the year used to determine fishing mortality.

NOTE: Unknown - //ex squid, Longfin squid, butterfish, and mackerel.