



Marine Life Protection Act



Summary of Central Coast Study Region MPAs

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Marine Region

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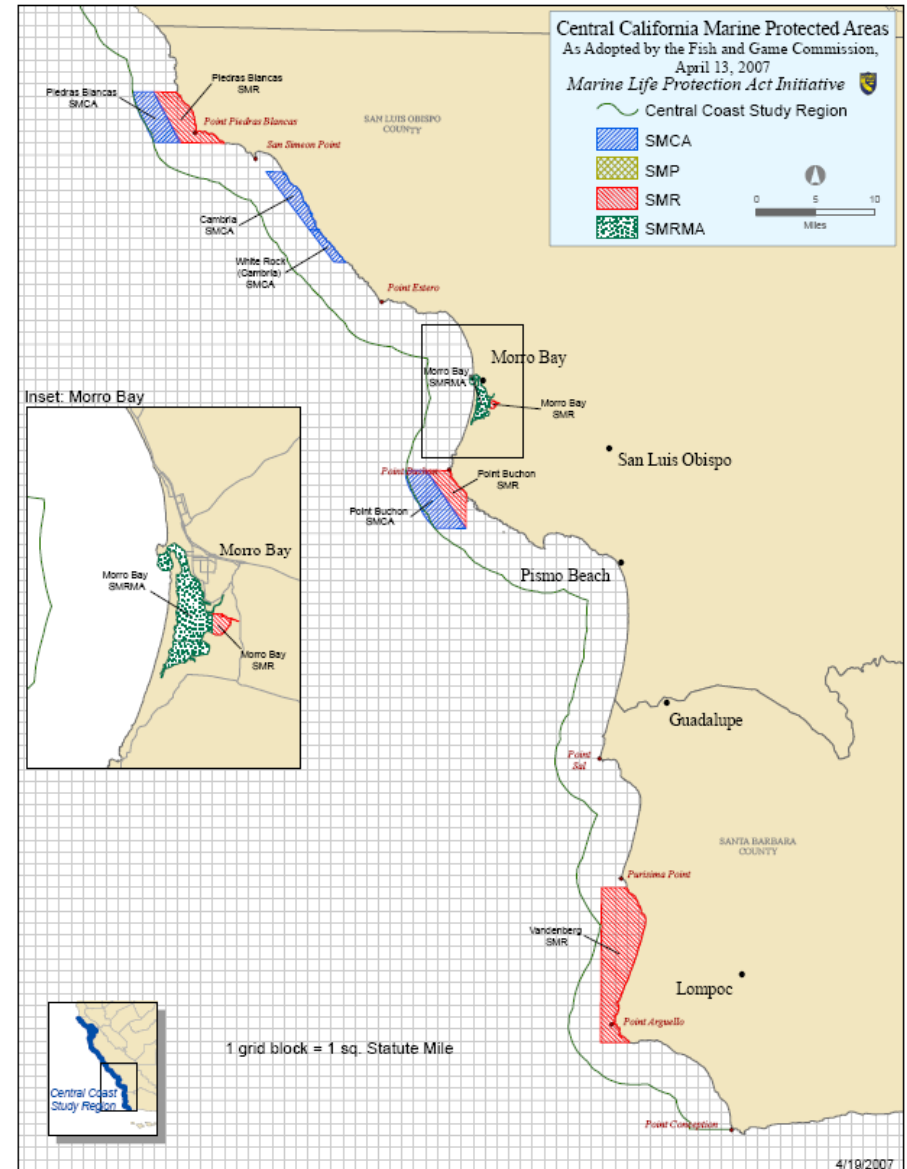
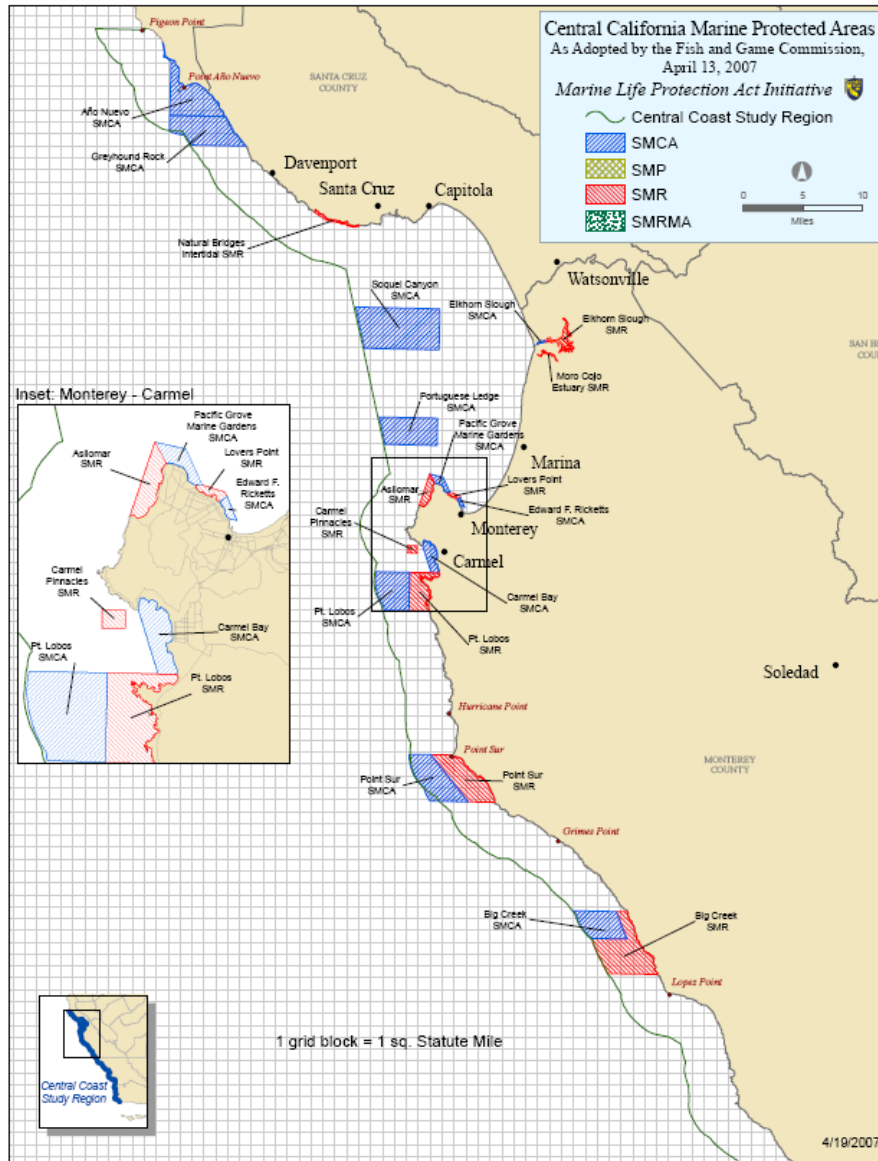
Summary of Central Coast MPAs

Type of MPA	# MPA	Area (mi ²)	% of Study Region
State Marine Reserve (SMR)	14	85.34 mi ²	7.42%
State Marine Conservation Area (SMCA)*	2	6.35 mi ²	0.55%
State Marine Conservation Area (SMCA)**	13	112.19 mi ²	9.76%
All MPAs combined	29	203.88 mi²	17.73%

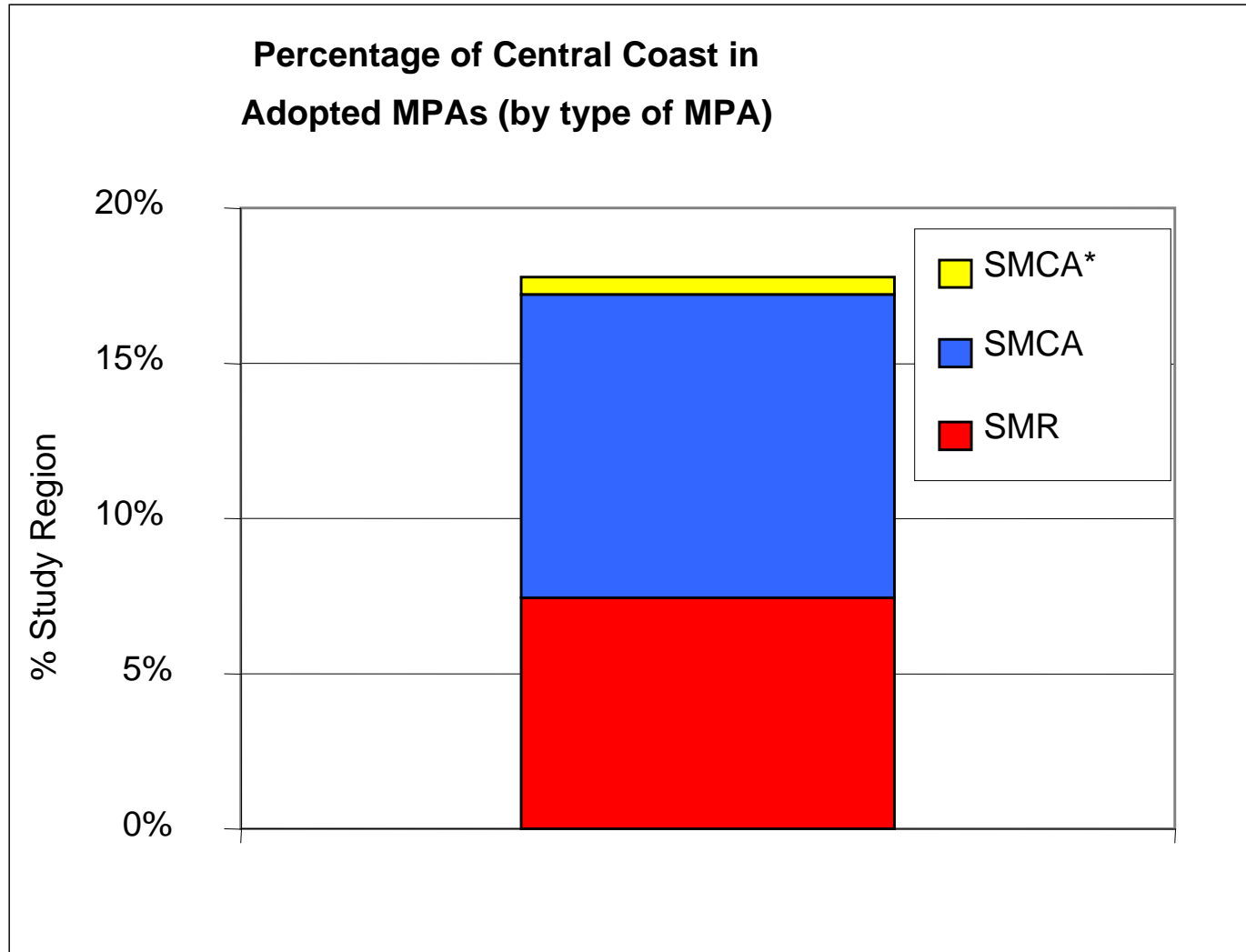
* Elkhorn Slough SMCA and Cambria SMCA, are proposed for SMP designation in the future and are considered separately in this analysis.

**Morro Bay SMRMA considered along with the SMCAs

Central Coast Study Region MPAs



Study region summary



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Summary of level of protection

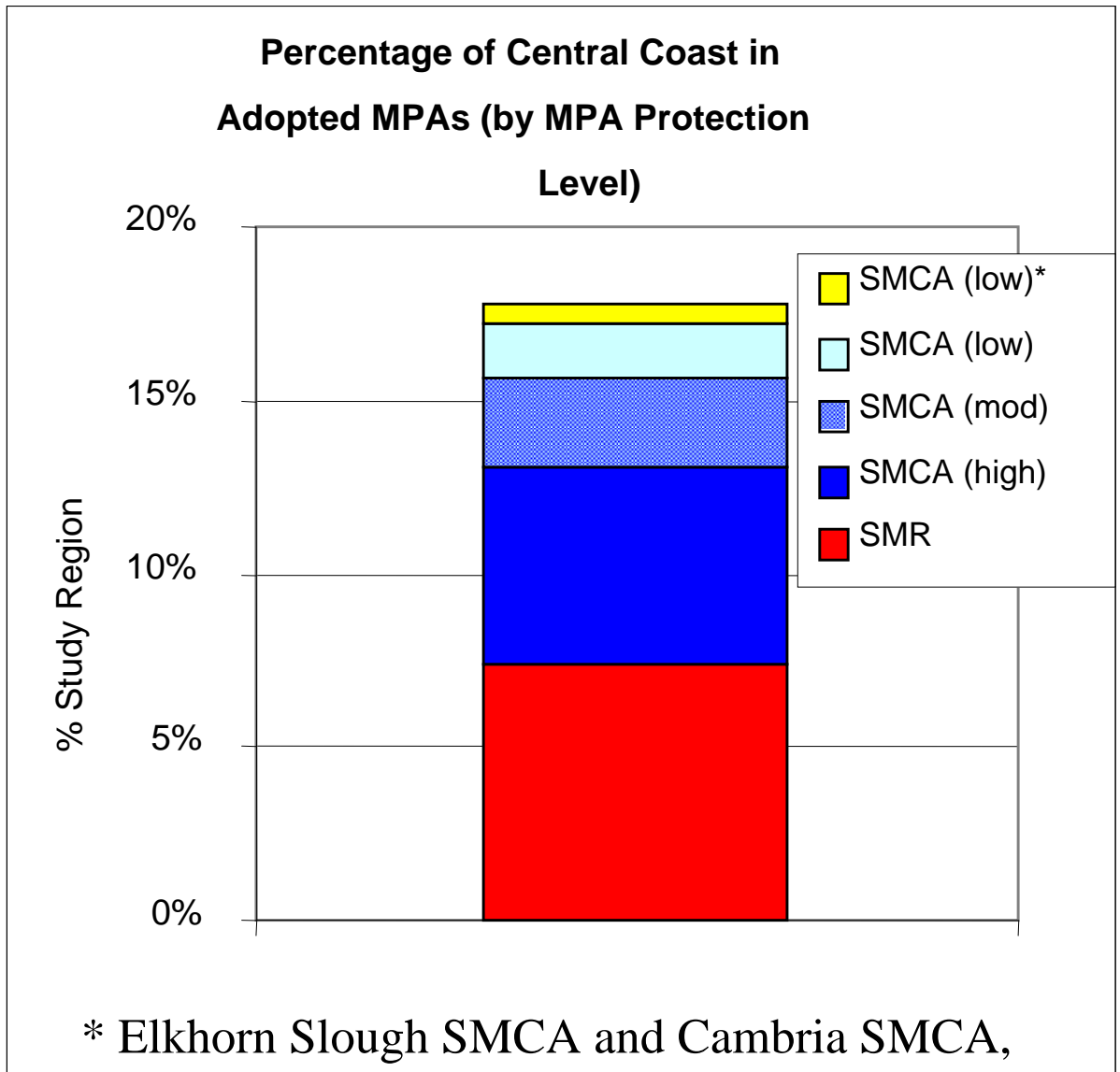


SMR - no take

SMCA high - allows take of pelagic finfish and prohibits bottom contact of any fishing gear

SMCA mod - allow some bottom contact, such as spot prawn traps, and may also allow some small scale hand harvest of kelp

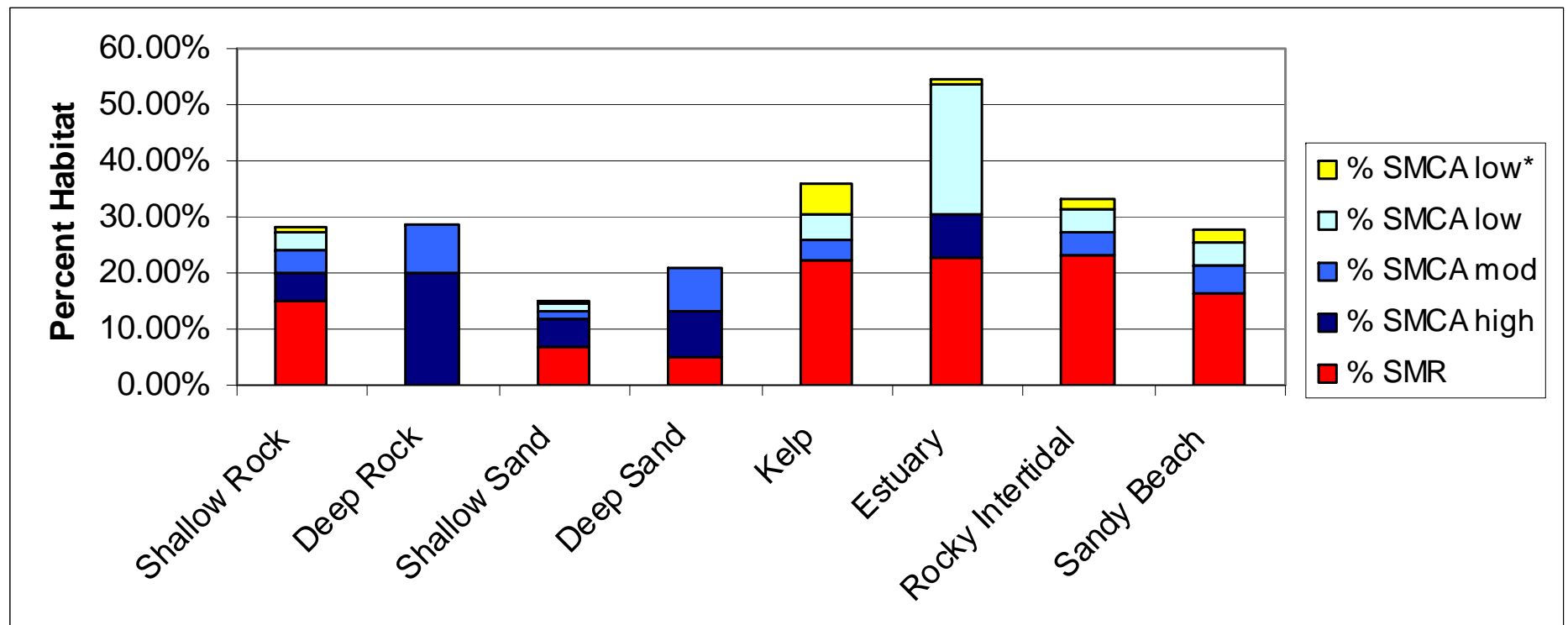
SMCA low – allows some take of groundfish or other high impact activities



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Habitat protection

Habitats included in the adopted MPAs in the central coast region



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Size analysis - High Protection MPAs

# of MPA Clusters	Below Minimum (<9mi ²)	At Minimum (9mi ²)	Above Minimum (>9mi ²)
11	4	3	4

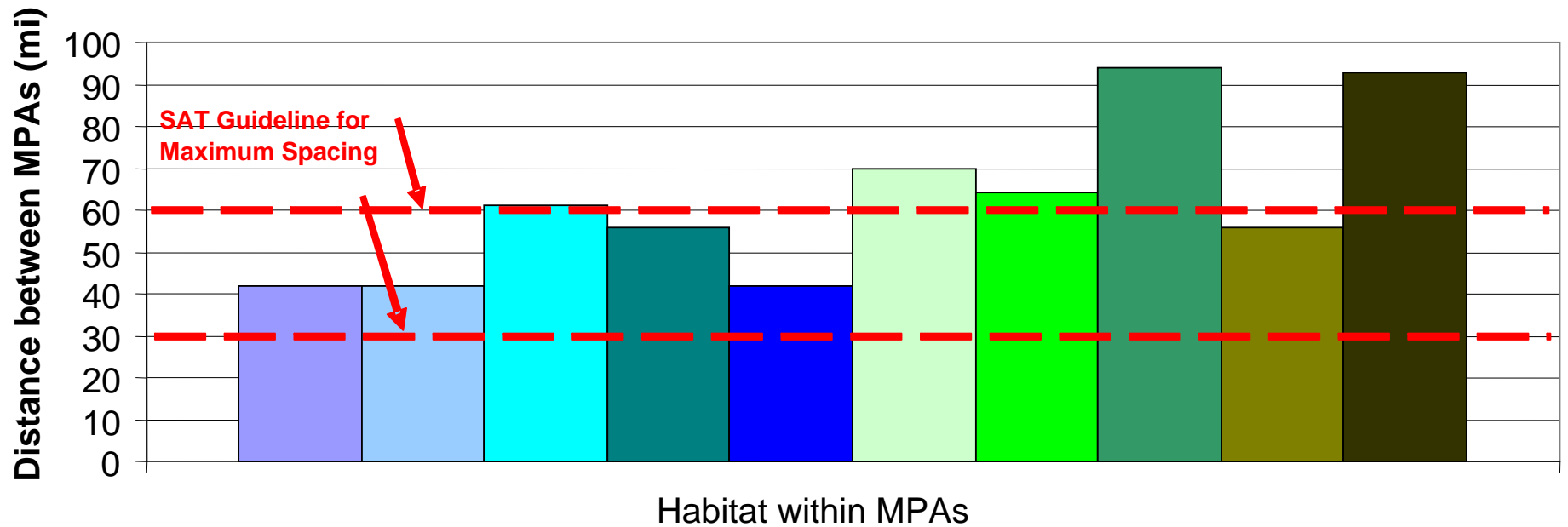
Clusters are groups of MPAs that adjoin each other

Using the state water boundary of 3 mi offshore and the minimum SAT guidance of 3 mi alongshore = minimum size of 9 mi²

Habitat Spacing



Maximum Gaps



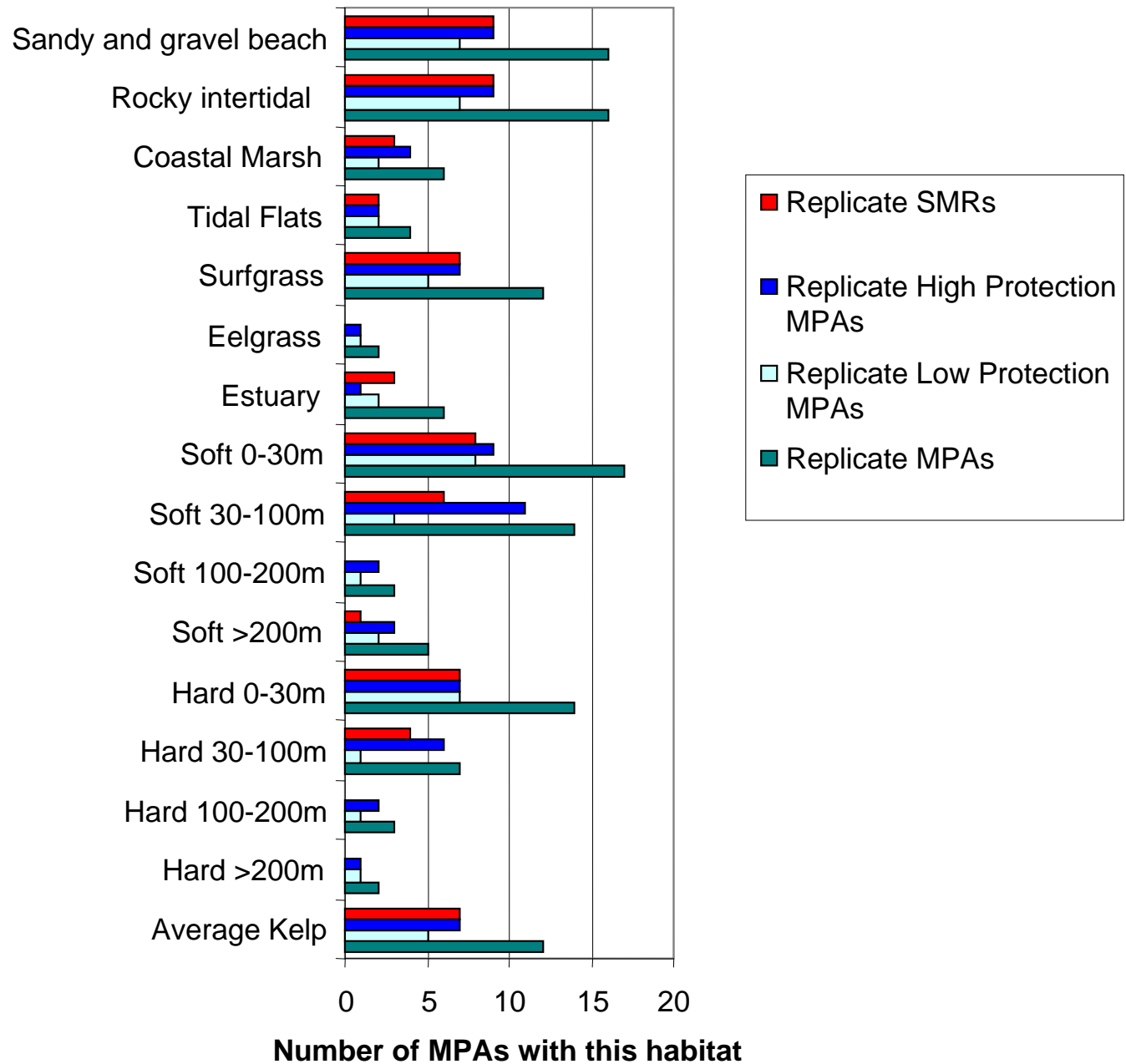


Distance between MPAs for various habitat

Average Maximum Gap	Largest Gap	Gaps > Guideline
62 miles	94 miles	0

- Only habitats frequent enough to meet the SAT guideline
- Average distance between MPAs containing the habitat
- Largest gap between MPAs is for Rock habitat at depths 30-100m

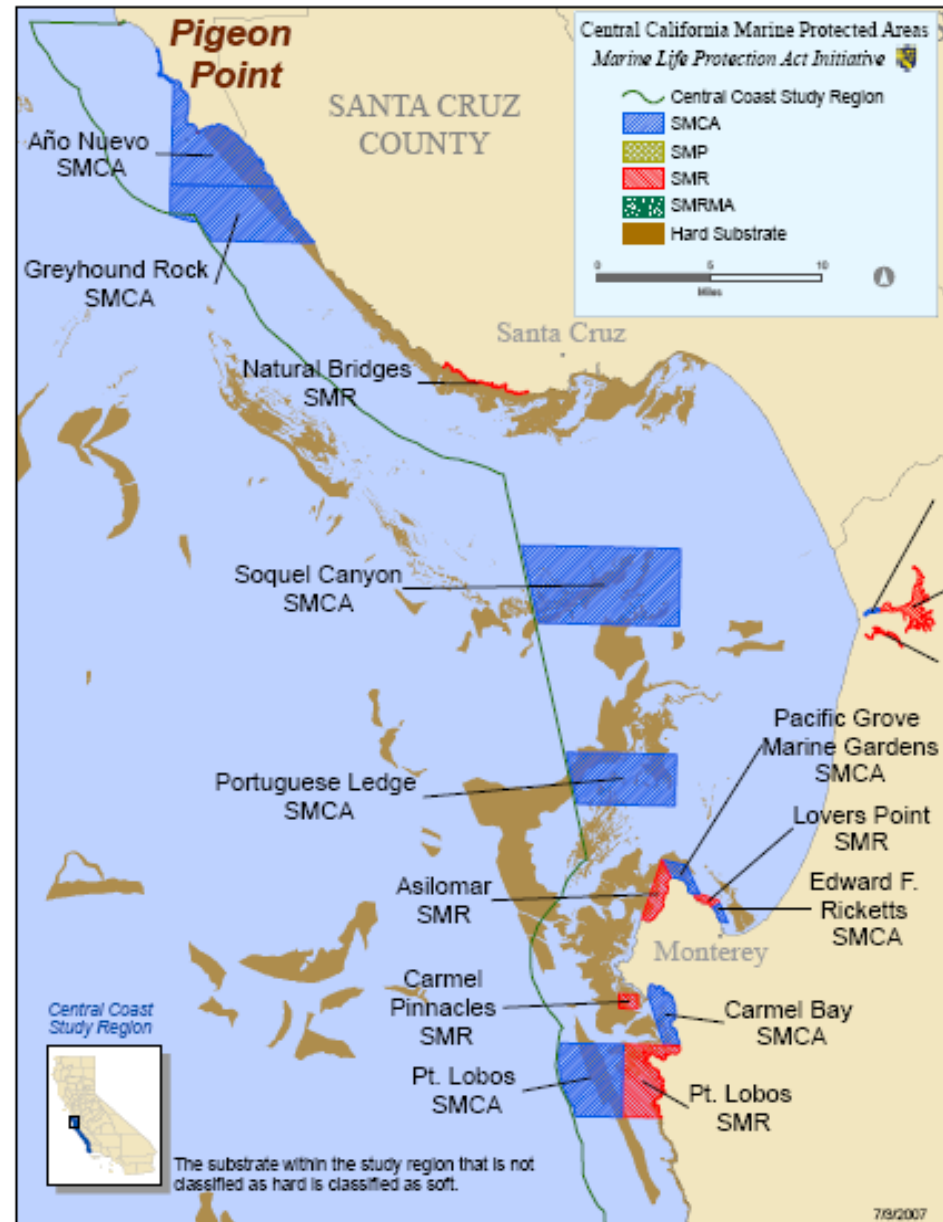
Replication



Habitats in CCSR MPAs

Summary

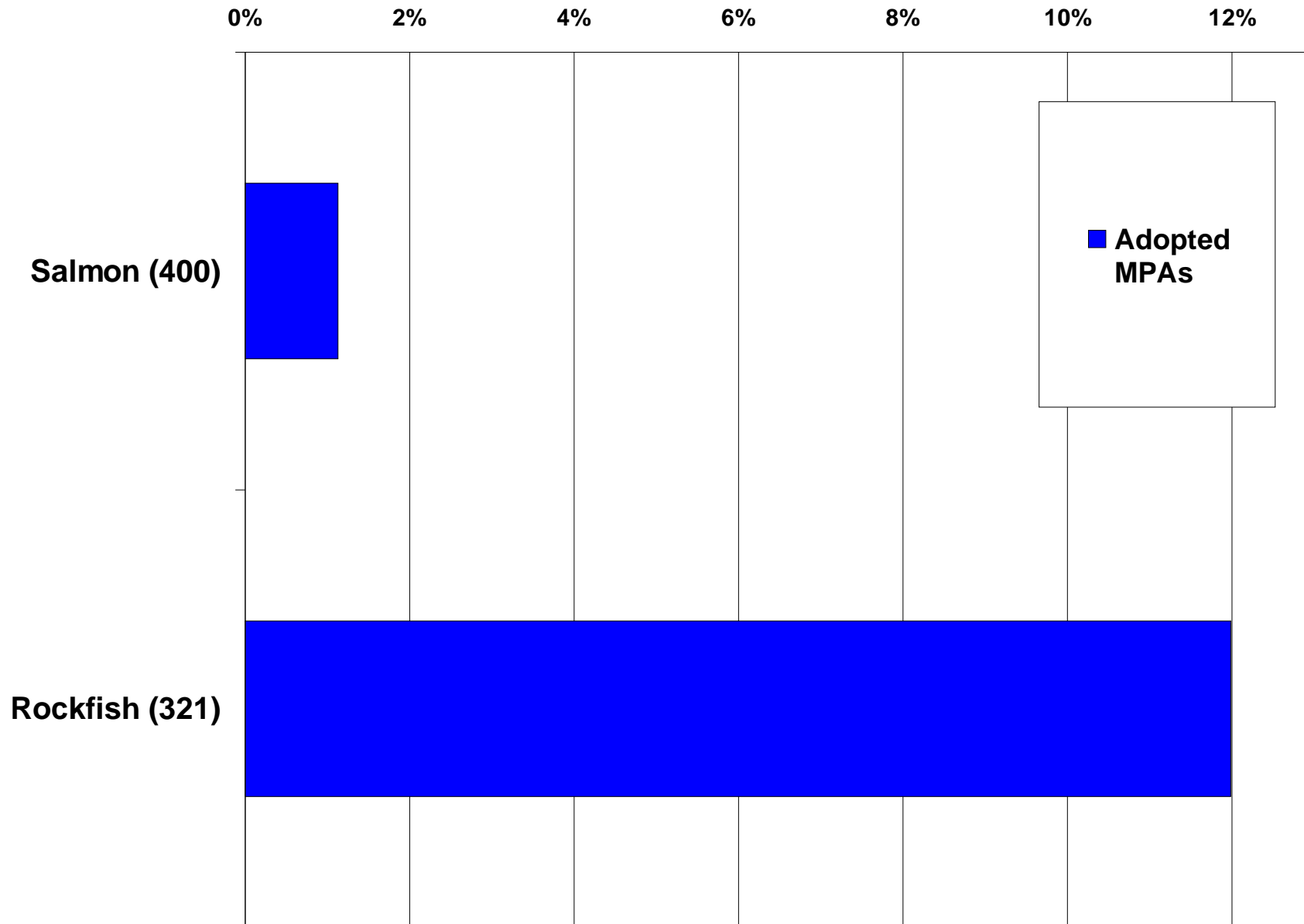
In considering MPAs for the NCCSR also consider the habitats included in the central coast study region





Maximum area of total recreational fishing grounds affected, (Sq. mi.)

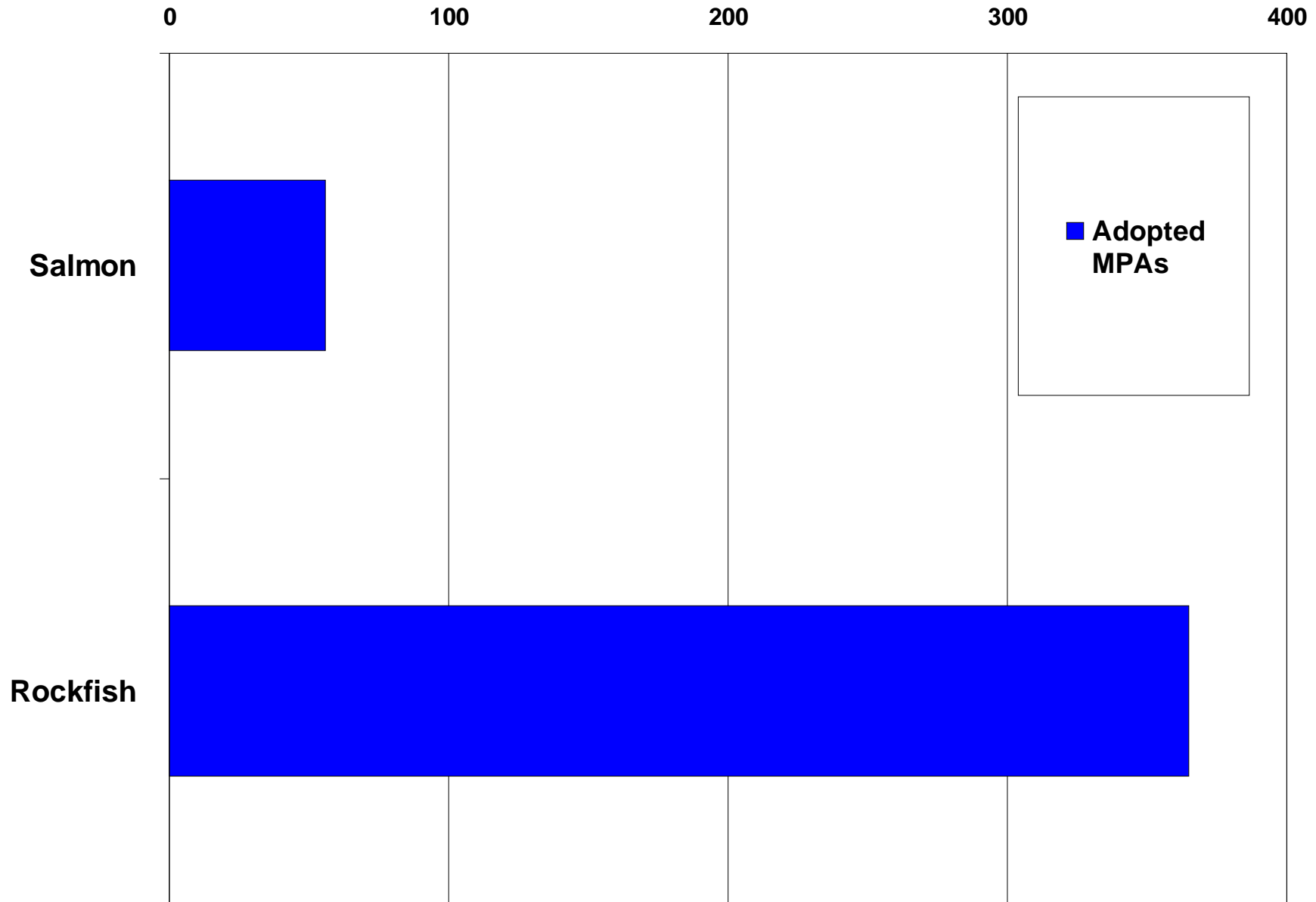
Percent of total fishing grounds affected





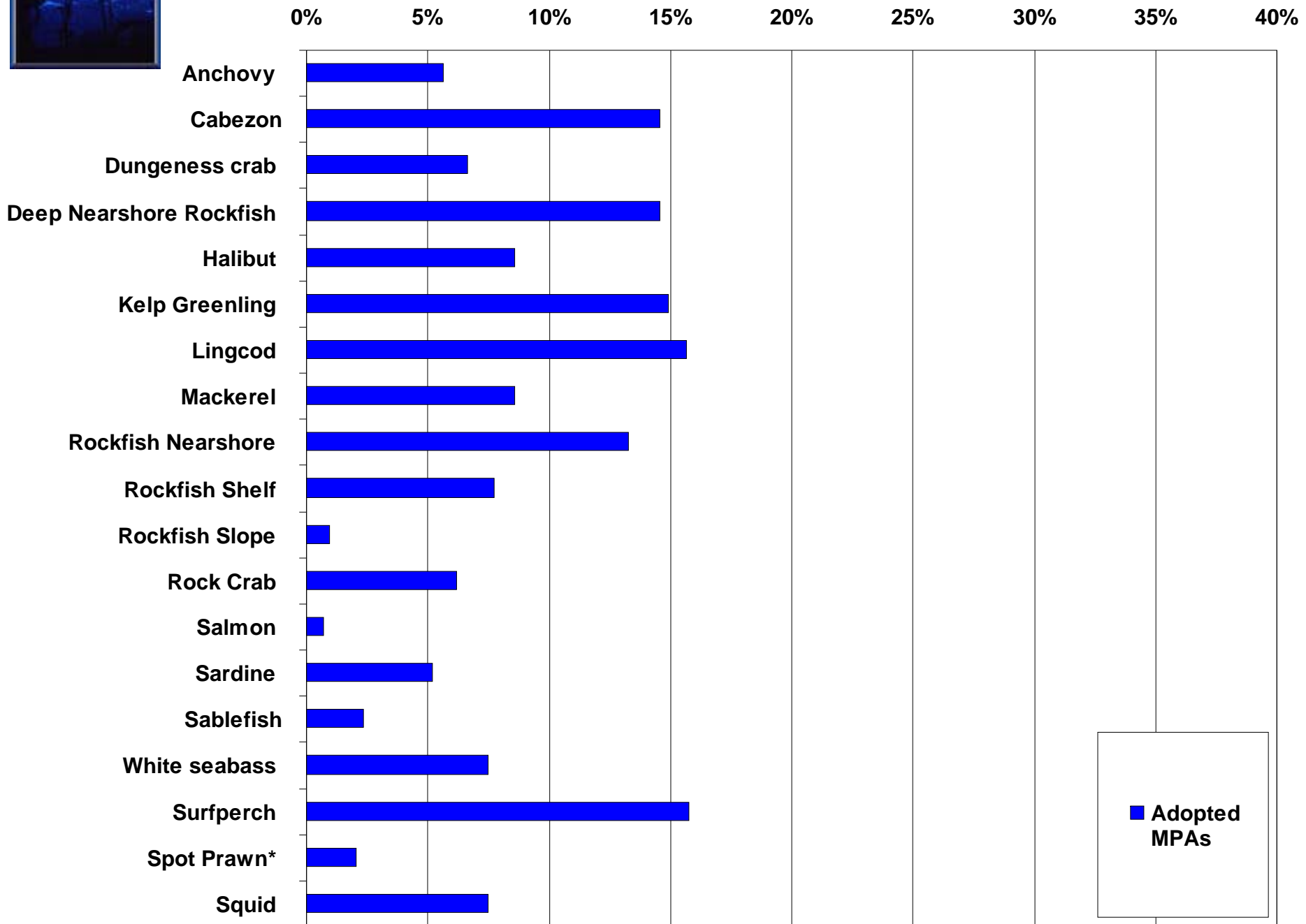
Maximum number of recreational fishing trips affected by MPA package (CRFS 2004)

Maximum number of fishing trips affected





Percent stated importance of total commercial fishing grounds affected



■ Adopted MPAs



Percent stated importance of commercial fishing grounds within the study area affected

