

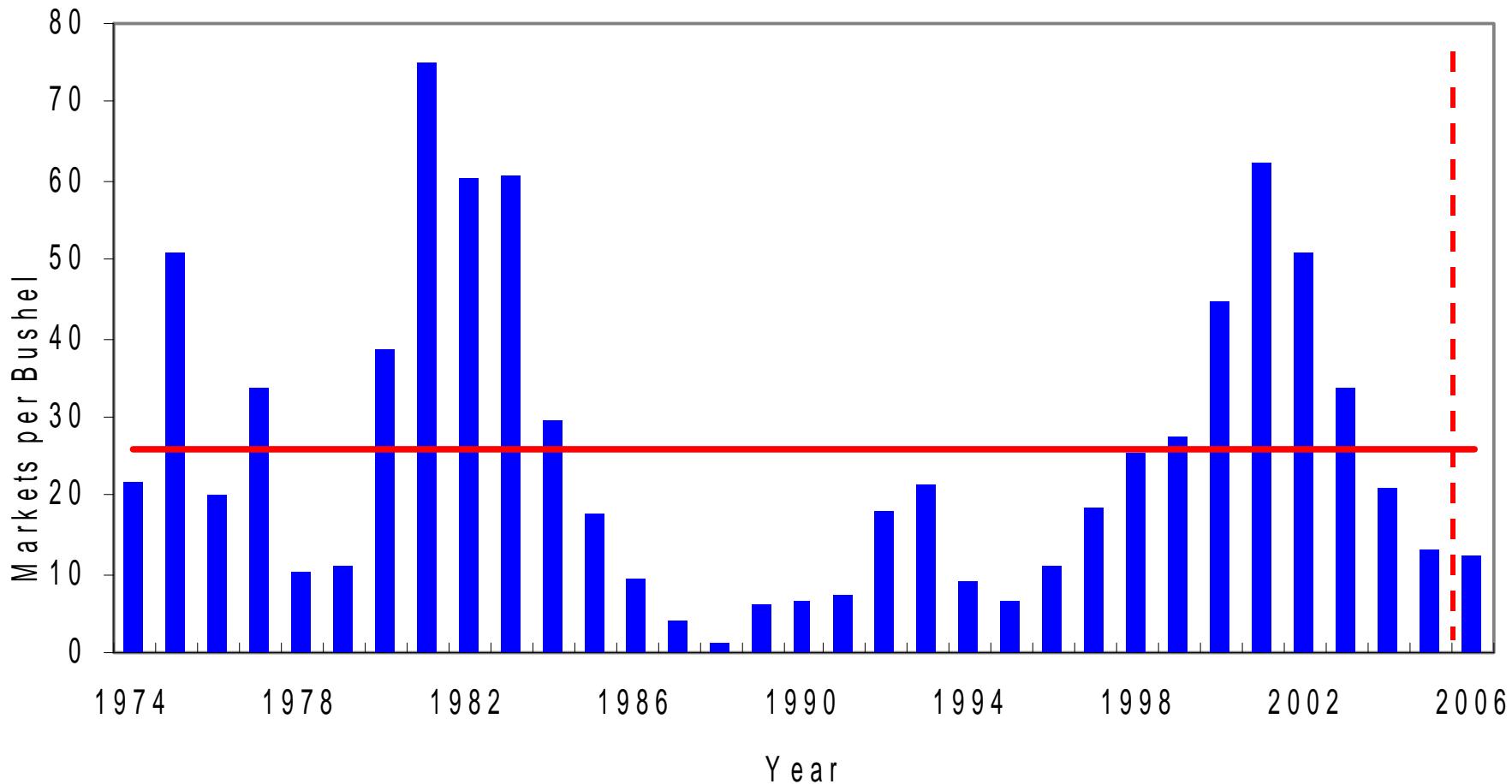
# OYSTER WORKSHOP

March 8, 2007

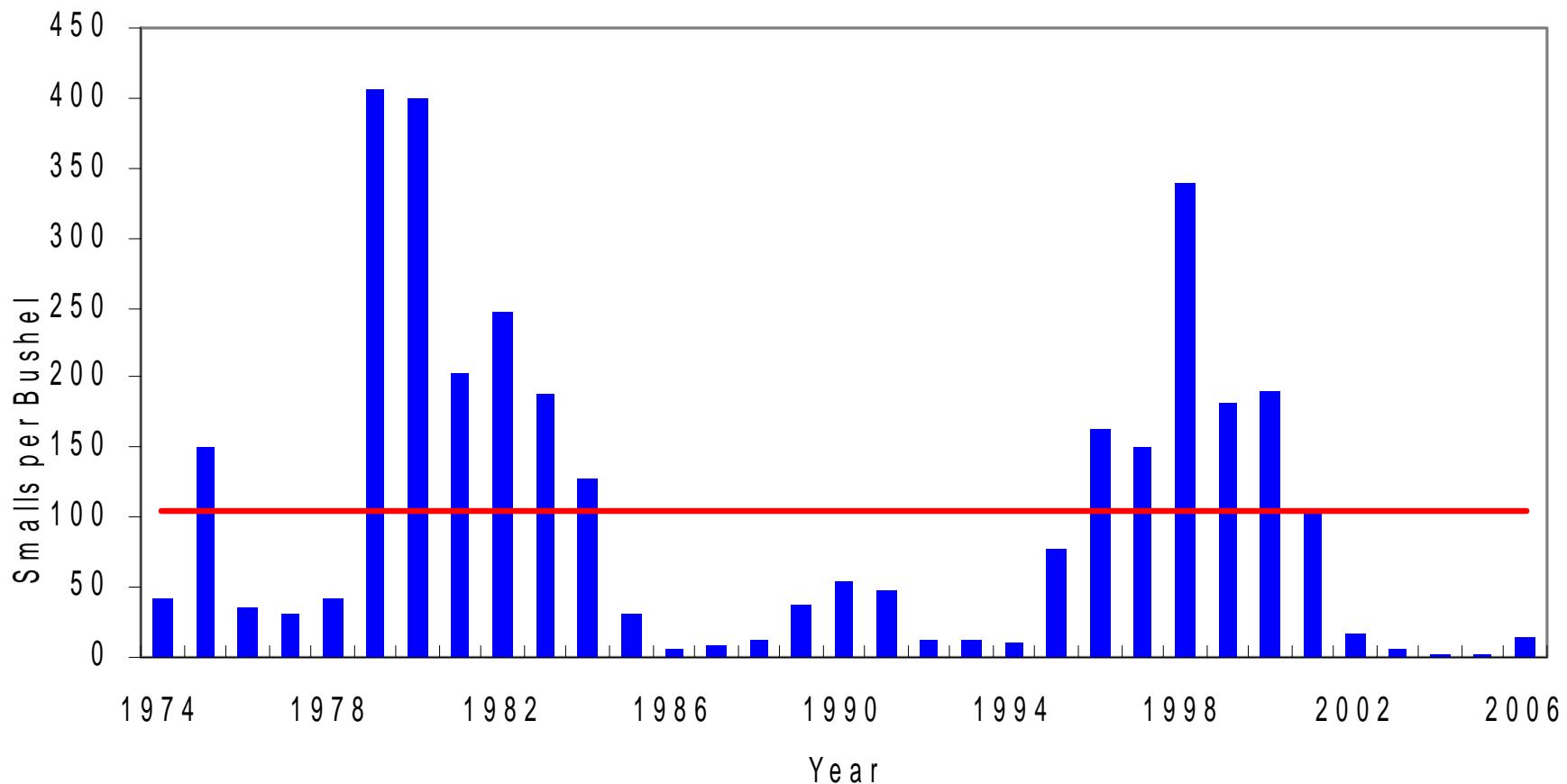


Overheads presented by Delaware  
Division of Fish & Wildlife Staff

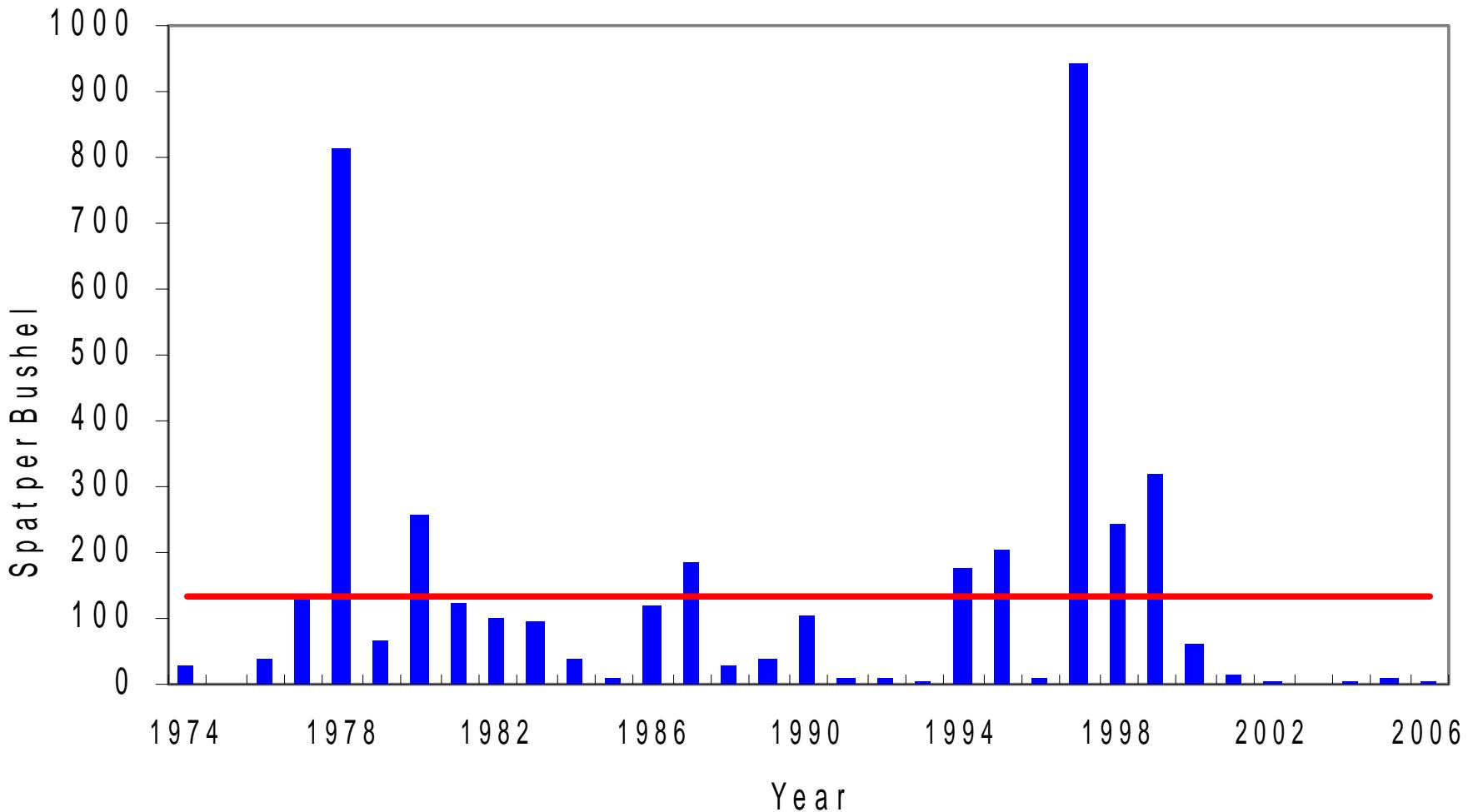
# Ridge Market Oysters



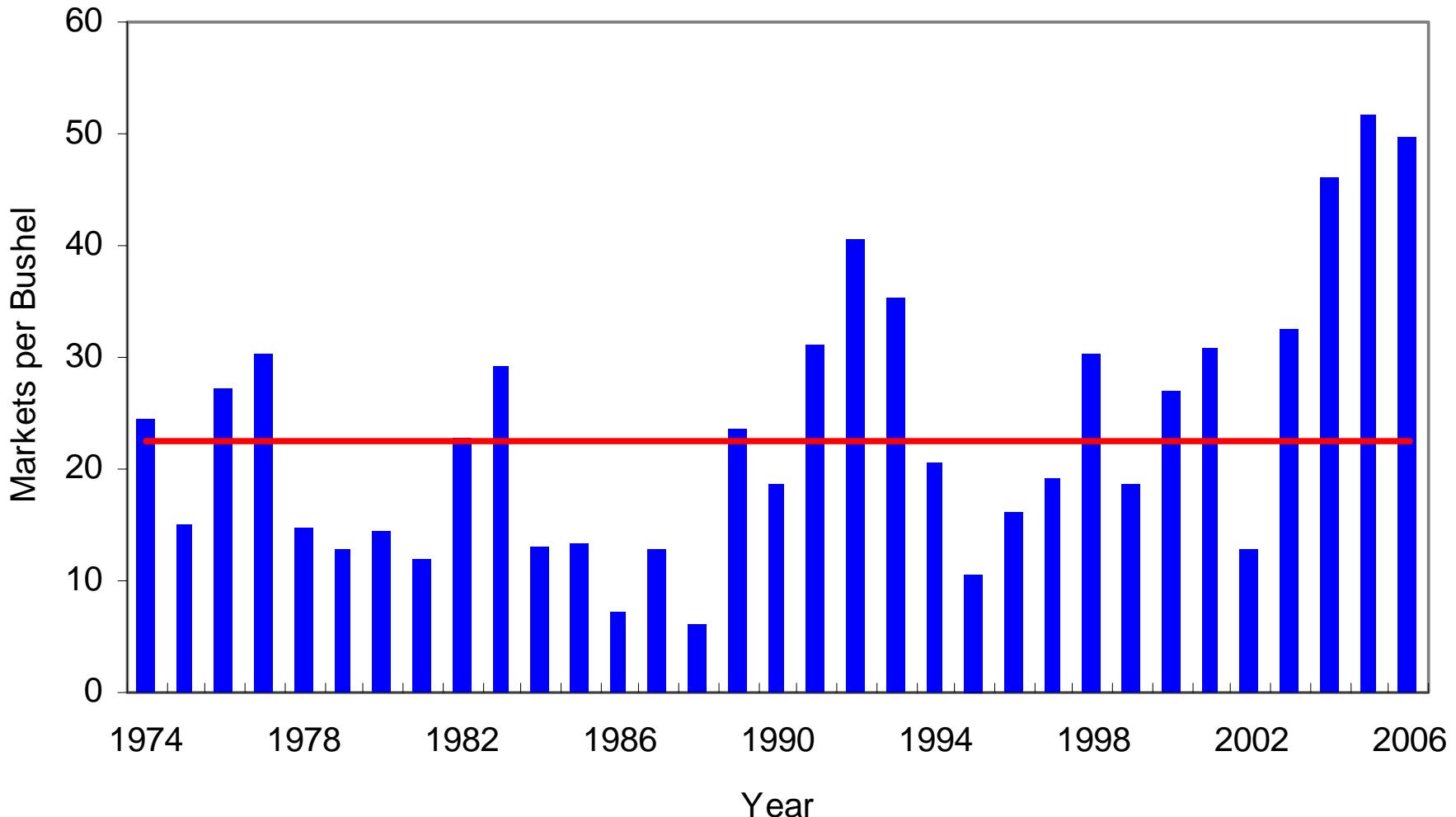
# Ridge Small Oysters



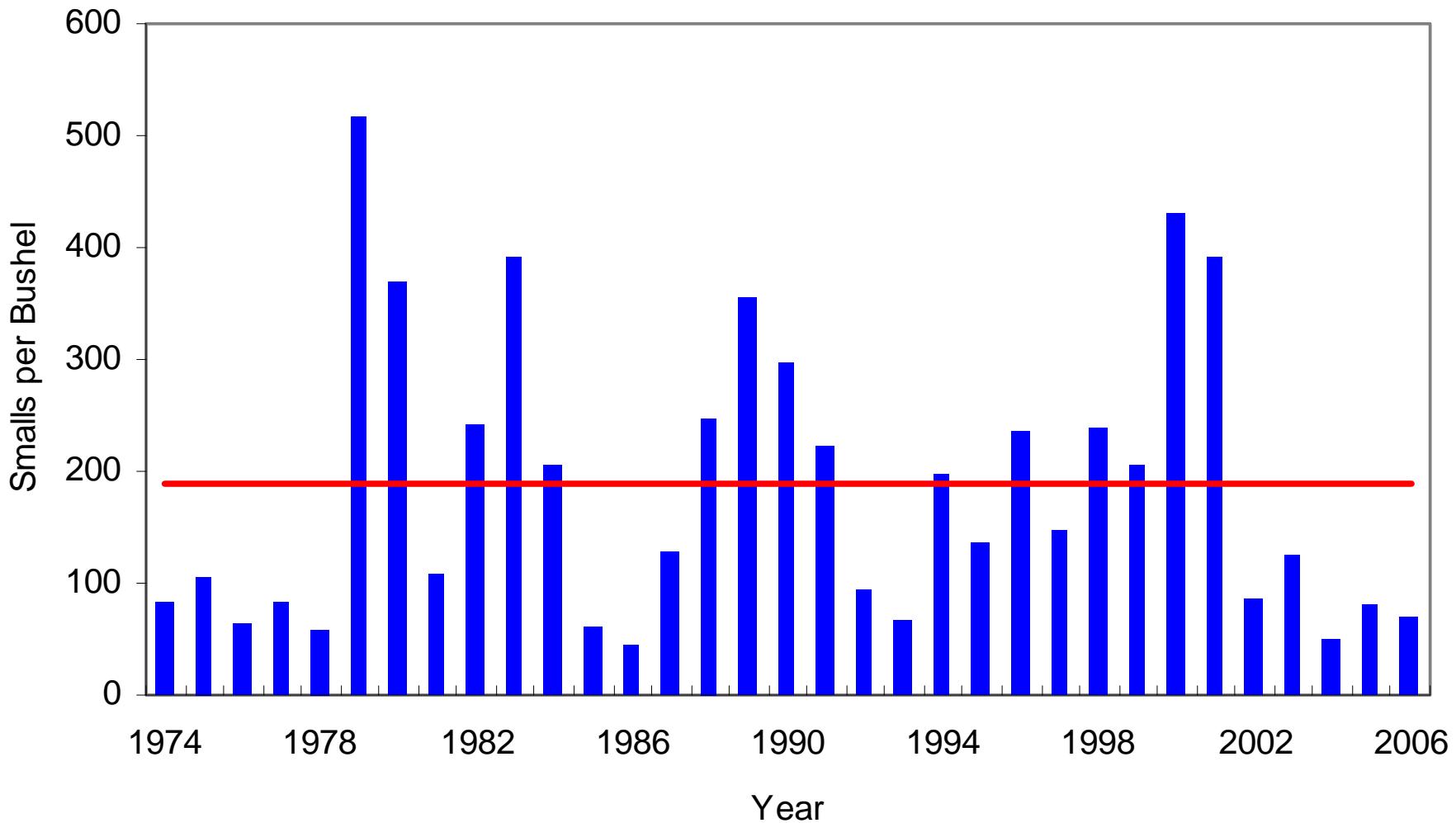
# Ridge Spat per Bushel



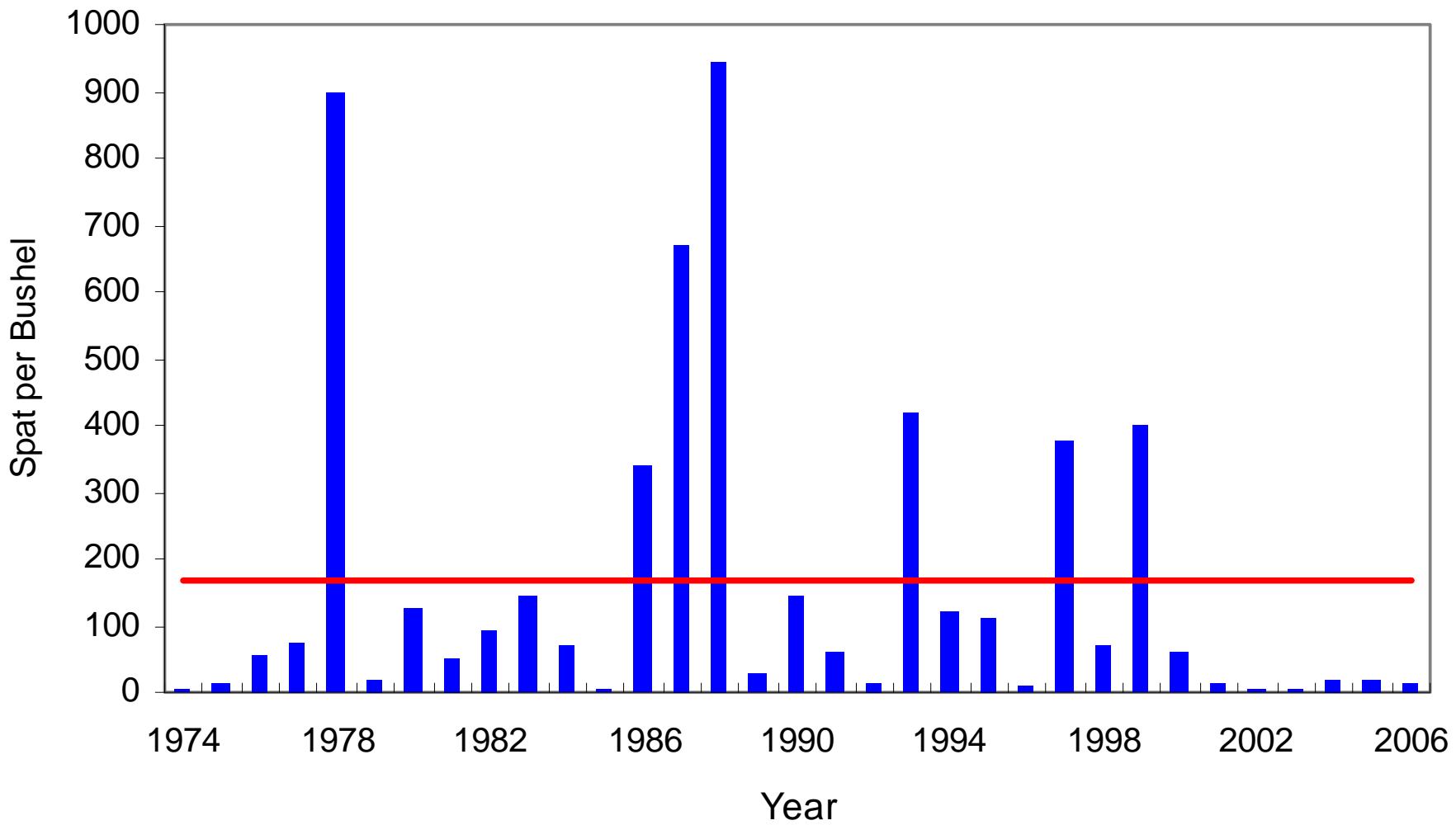
# Silver Bed Market Oysters



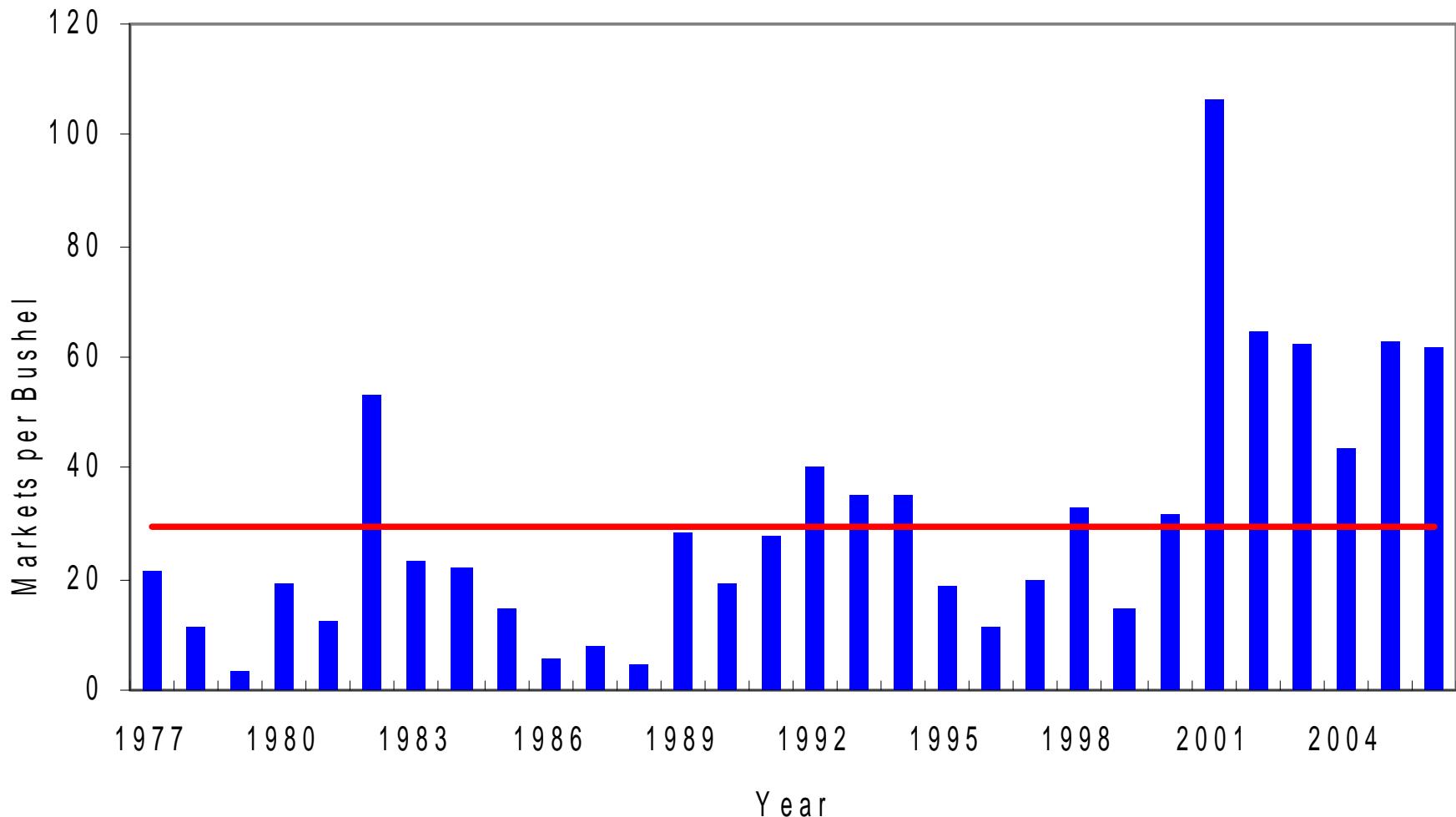
# Silver Bed Small Oysters



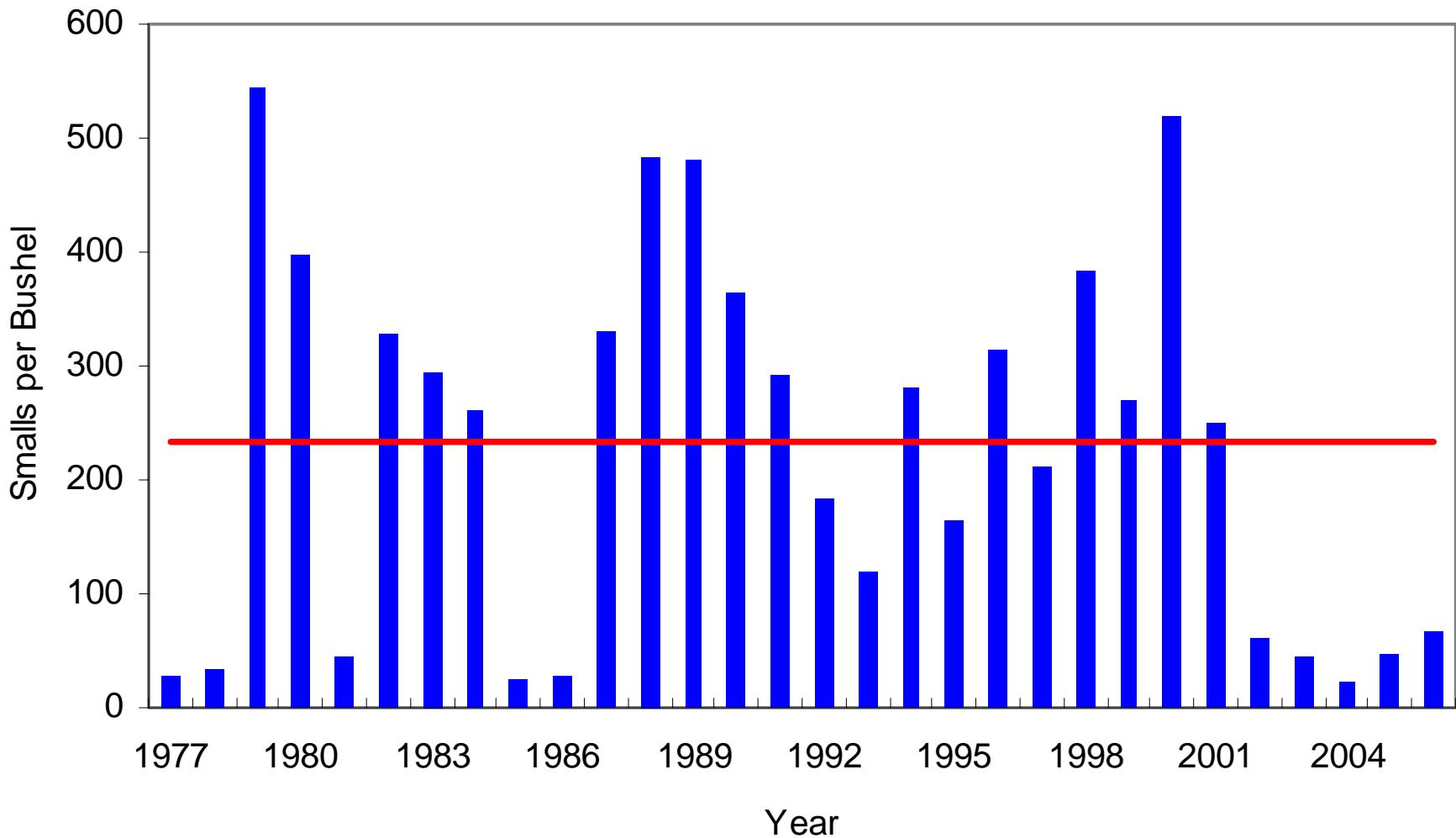
# Silver Bed Spat per Bushel



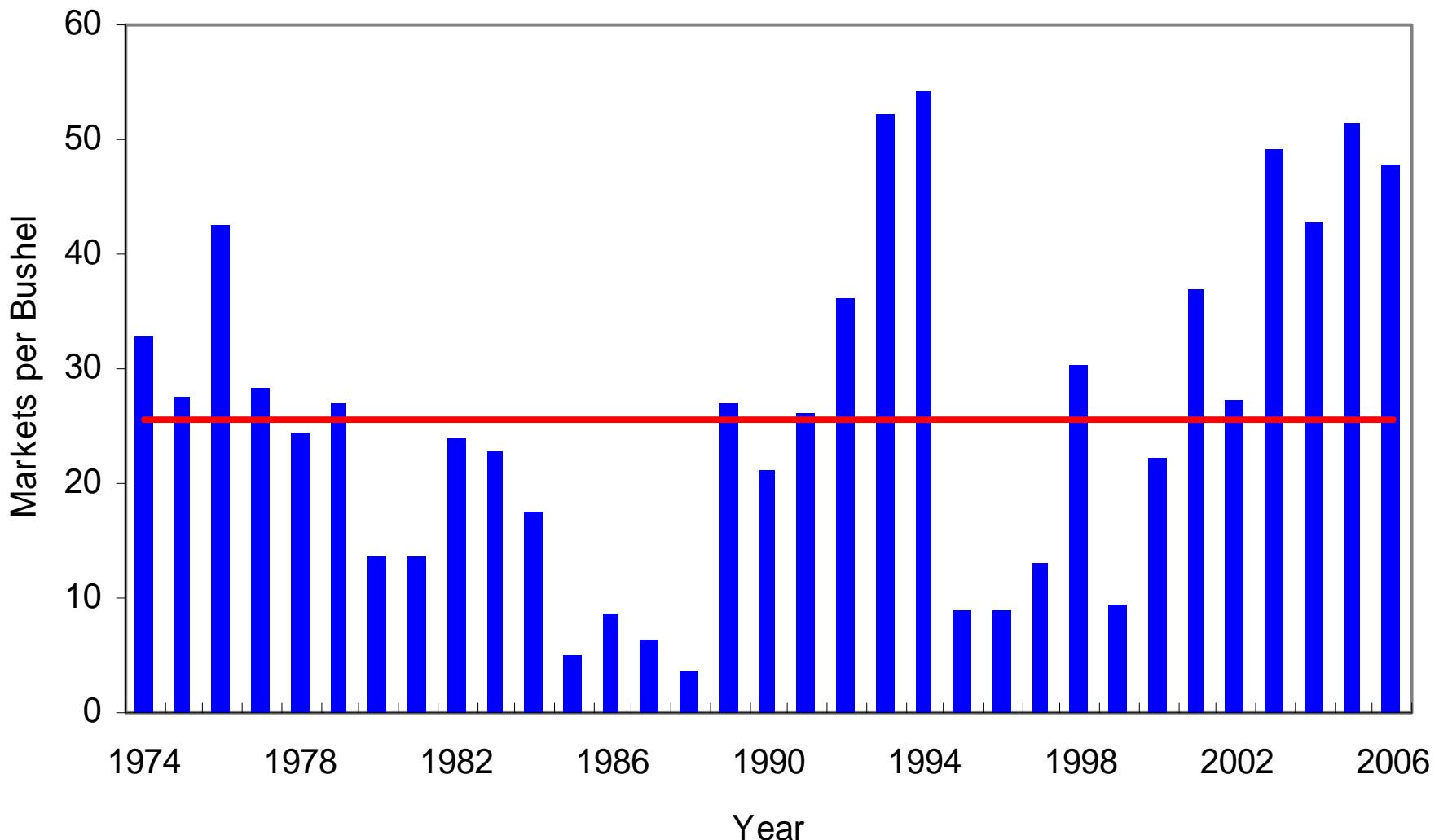
# Lower Middle Market Oysters



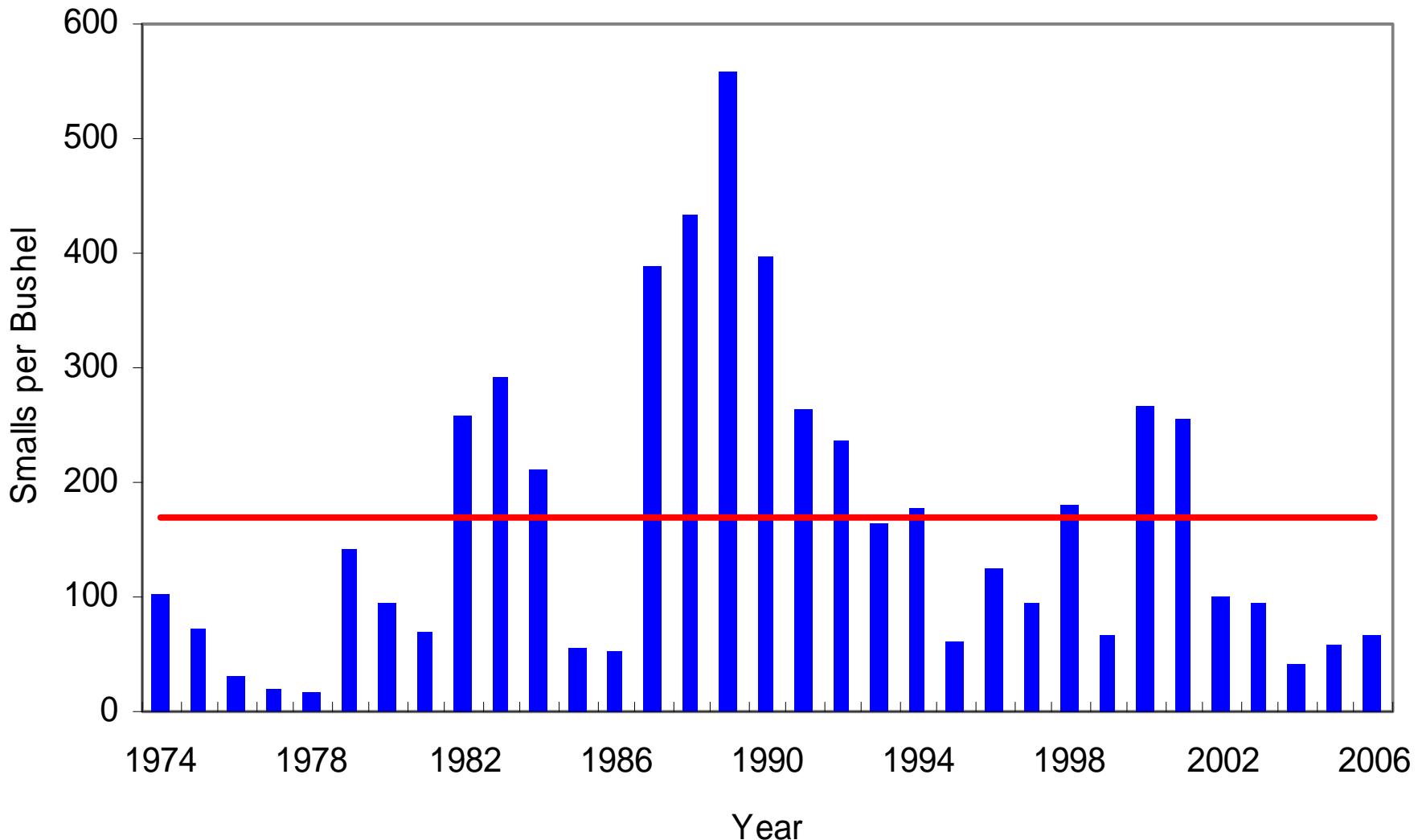
# Lower Middle Small Oysters



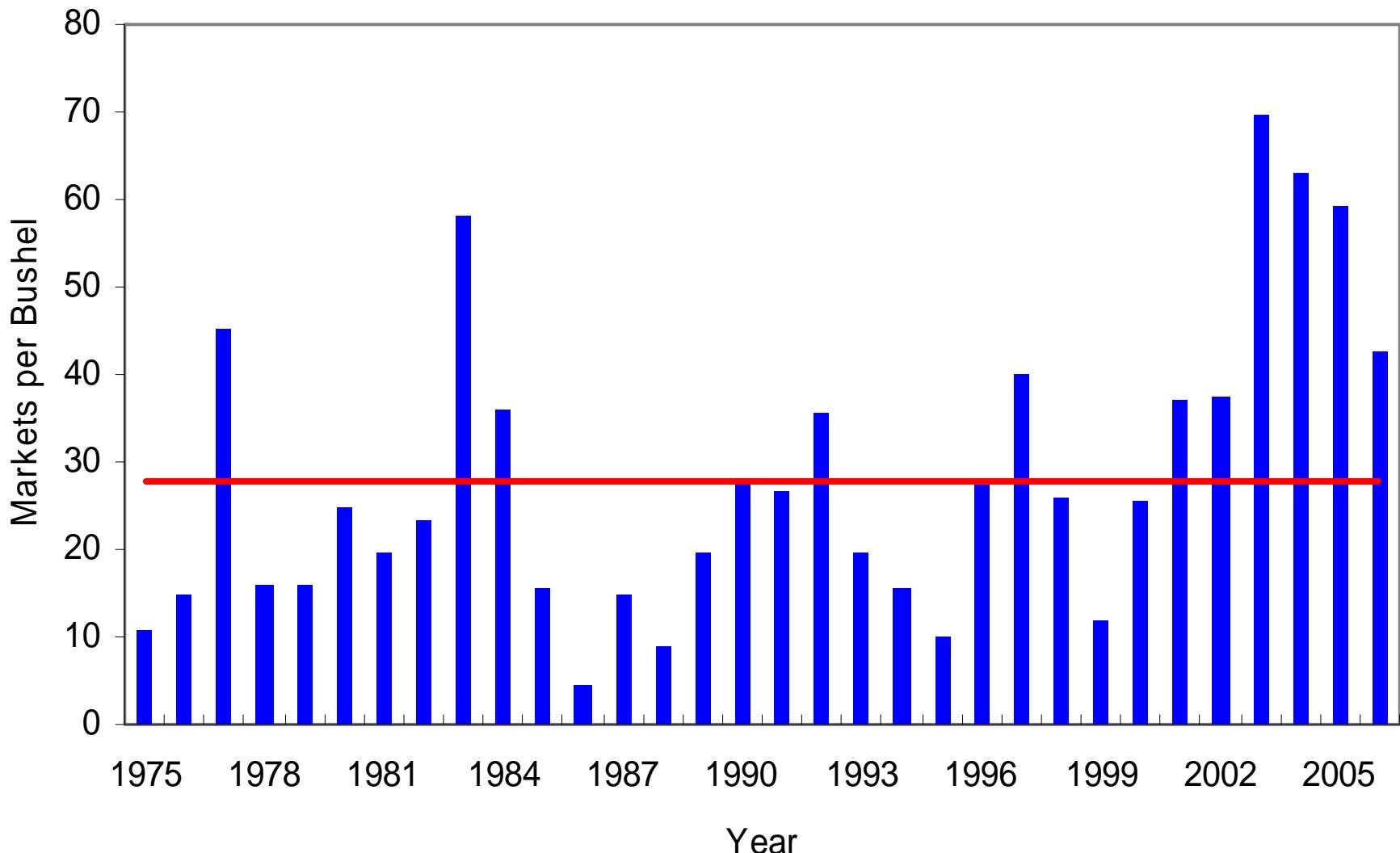
# Over the Bar Market Oysters



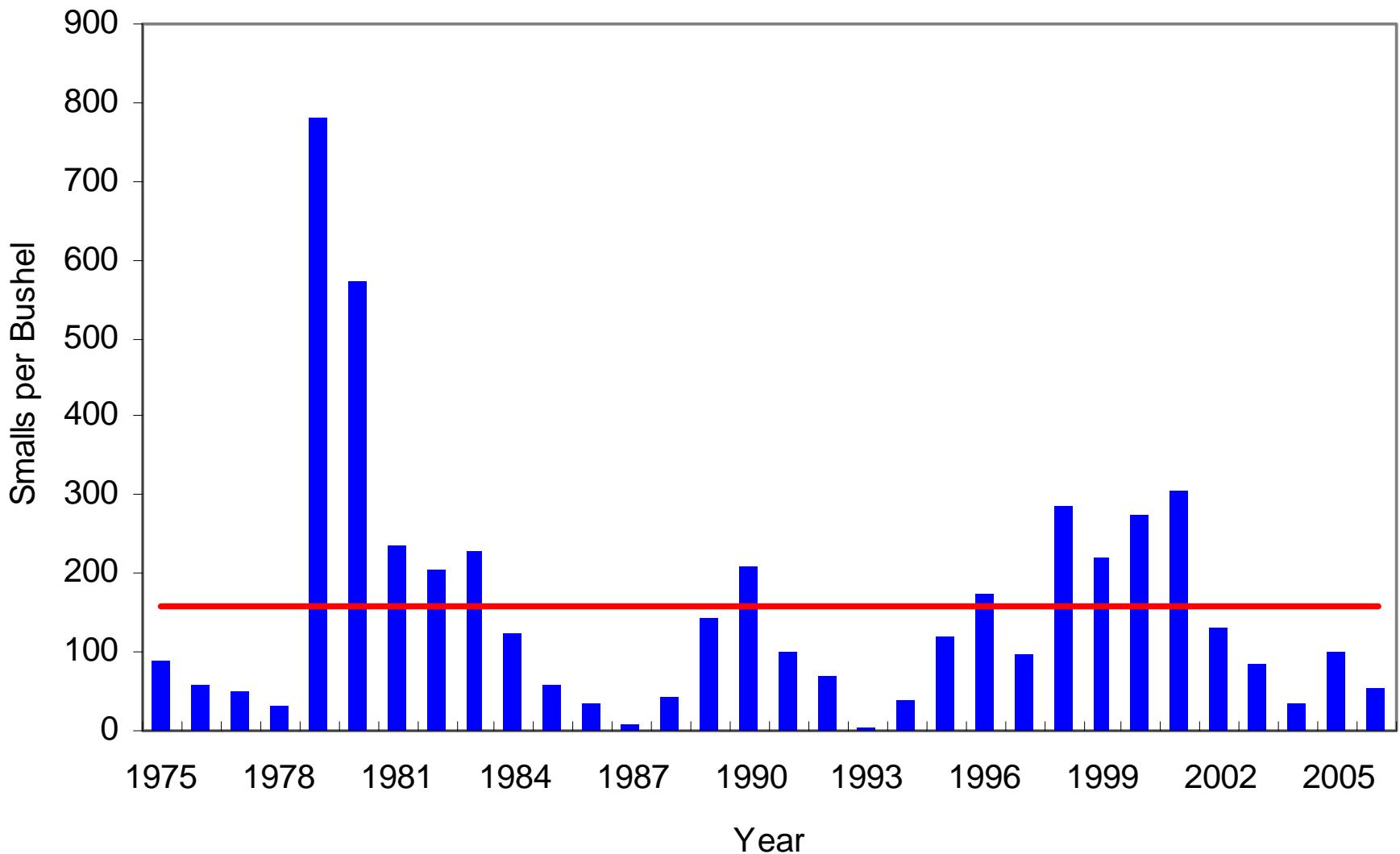
# Over the Bar Small Oysters



# Drum Bed Market Oysters

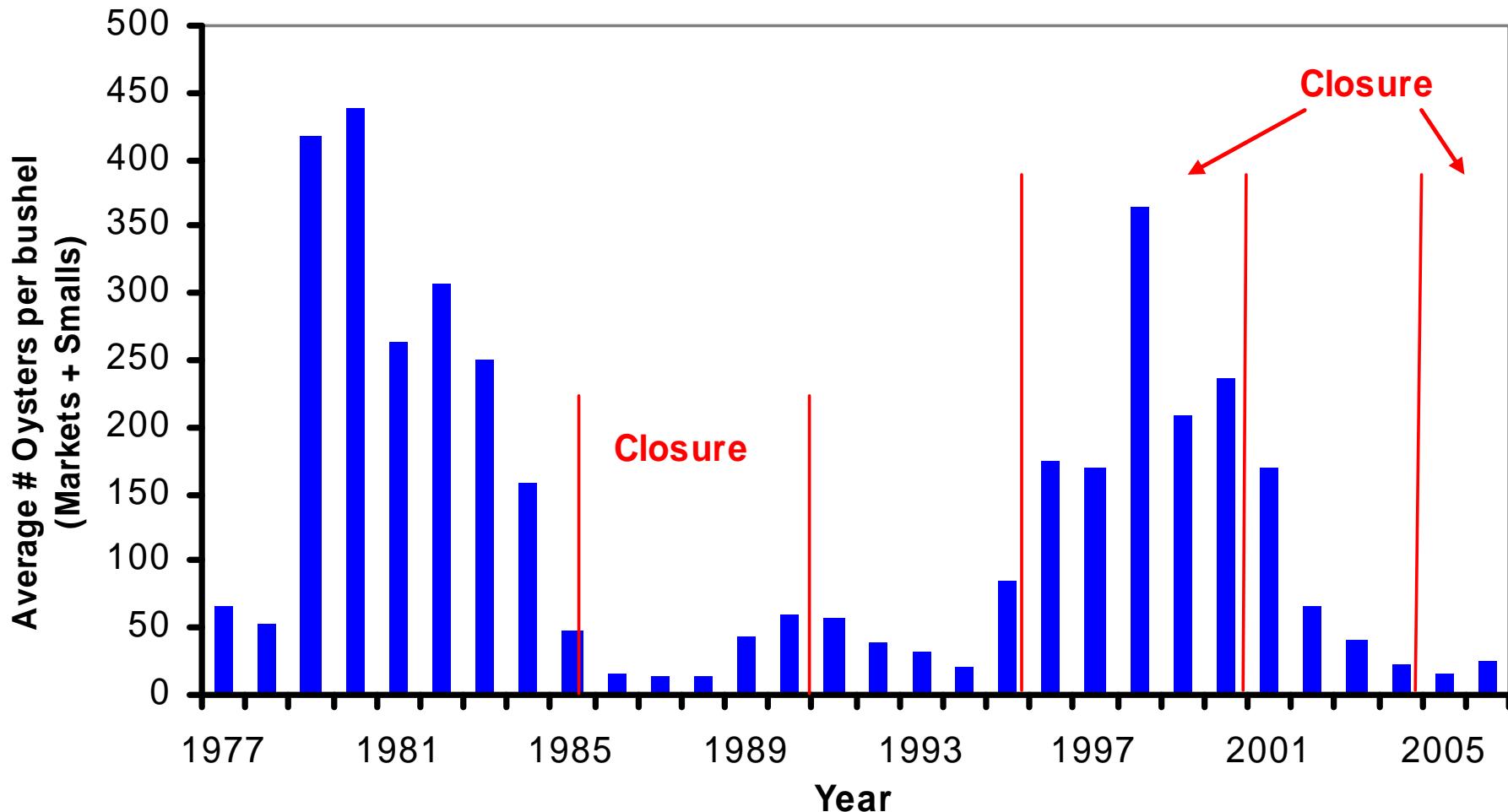


# Drum Bed Small Oysters

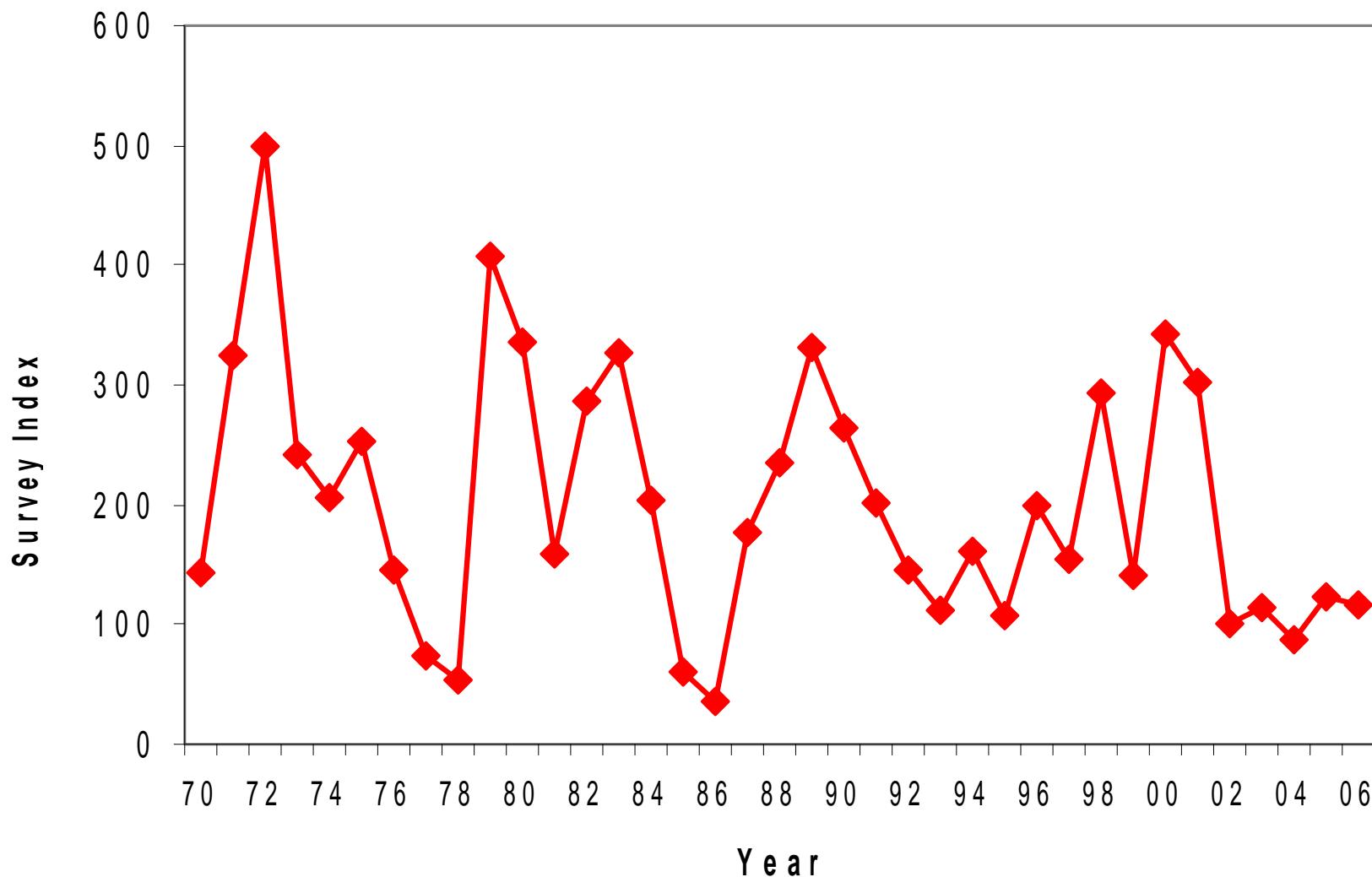


# Total Oyster Biomass on the Ridge

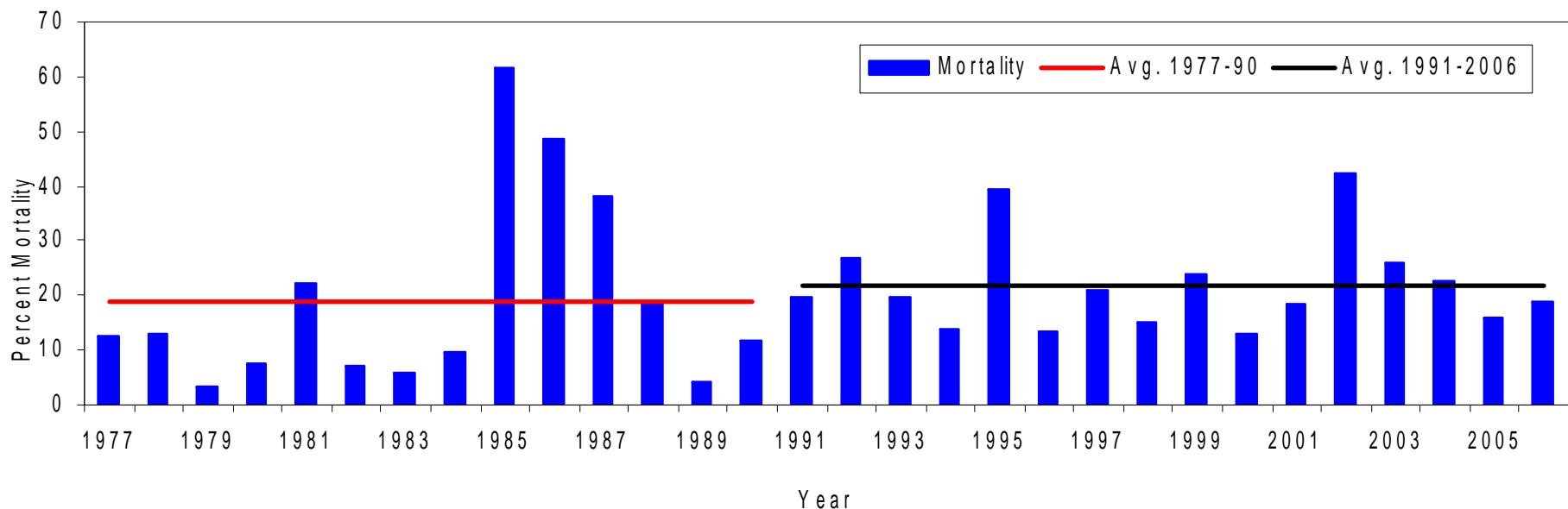
## (Markets + Smalls)



## Survey Index Over Time (Mean # small + market / bushel)



Average Annual Mortality  
(smalls + markets)



# Percentage of oysters greater than or equal to 2.75" and 3"

<b>Bed</b>	<b>% &gt; 2.75"</b>	<b>% &gt; 3"</b>
Silver Bed	55.33	48.82
Over-the-Bar	61.86	55.37
Lower Middle	68.59	62.06
Drum Bed	60.83	49.48
<b>Average</b>	<b>61.65</b>	<b>53.93</b>

- 2007 quota is calculated from a nonlinear curve that describes the relationship between historical abundance (i.e. survey index) and harvest.
- 2007 predicted quota = 11,870 bushels

# **SEASON**

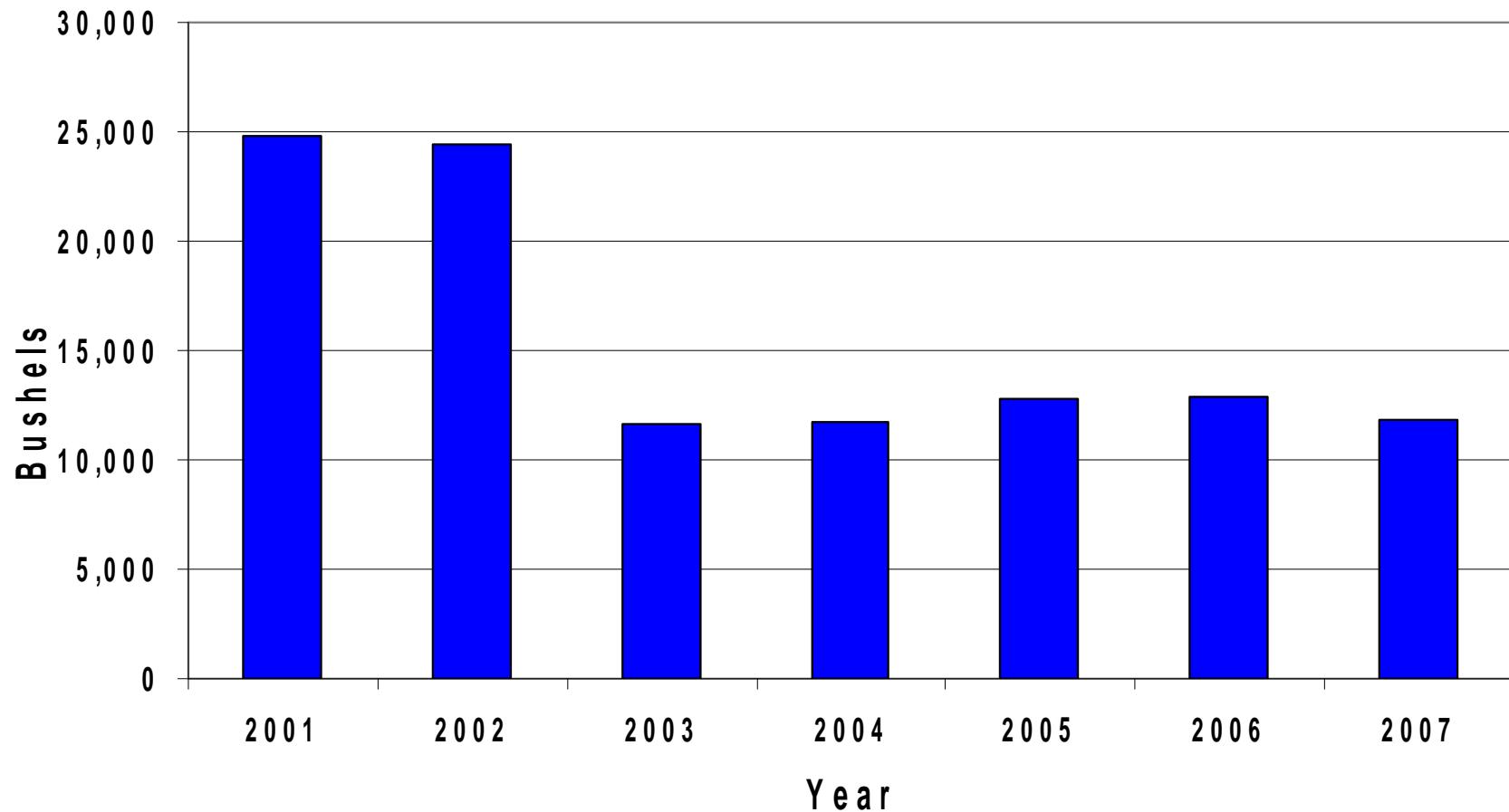
May 7 - Jun 23

Sep 3 – Dec 30

# **2007 QUOTA**

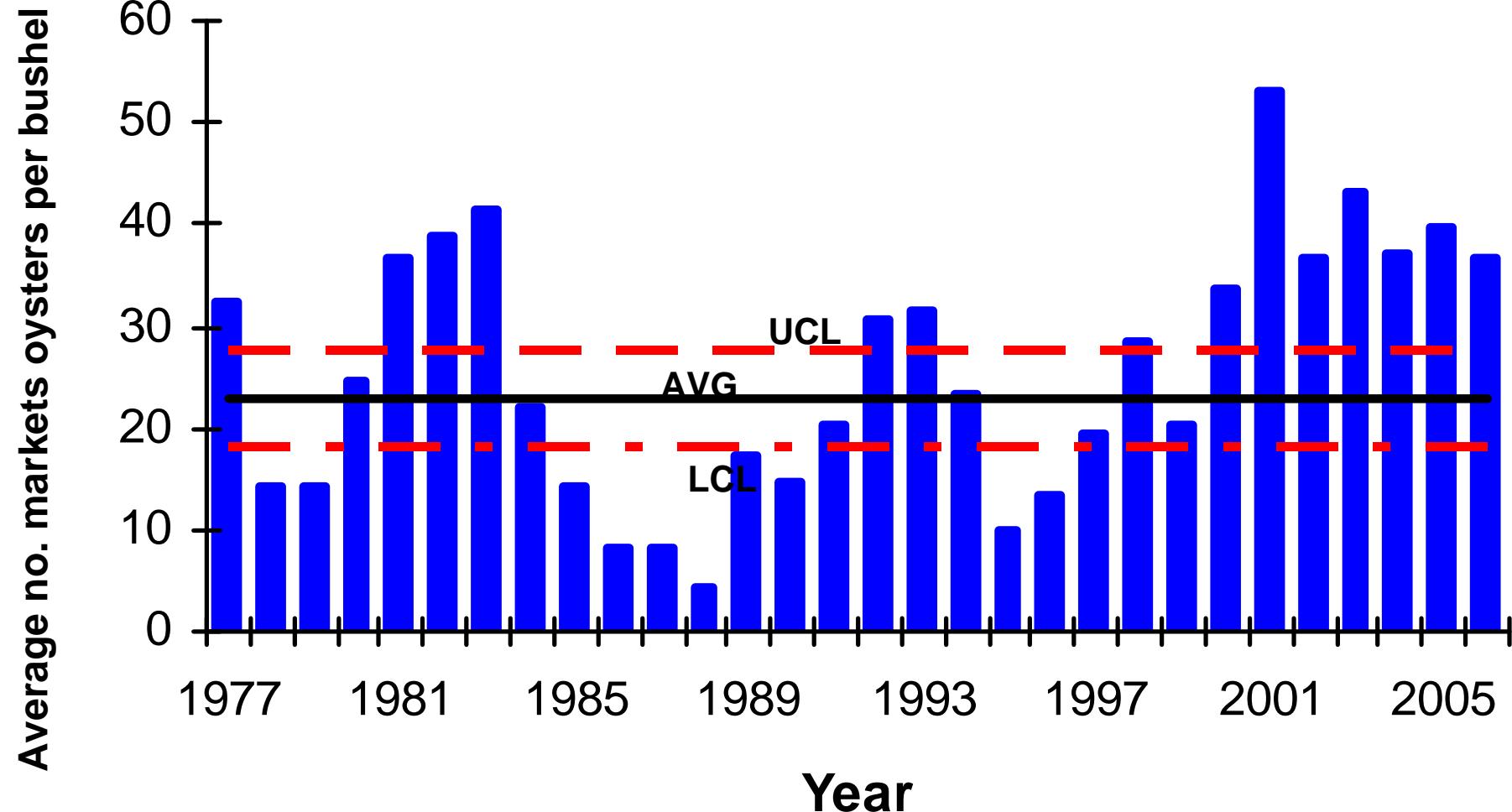
11,870 bushels

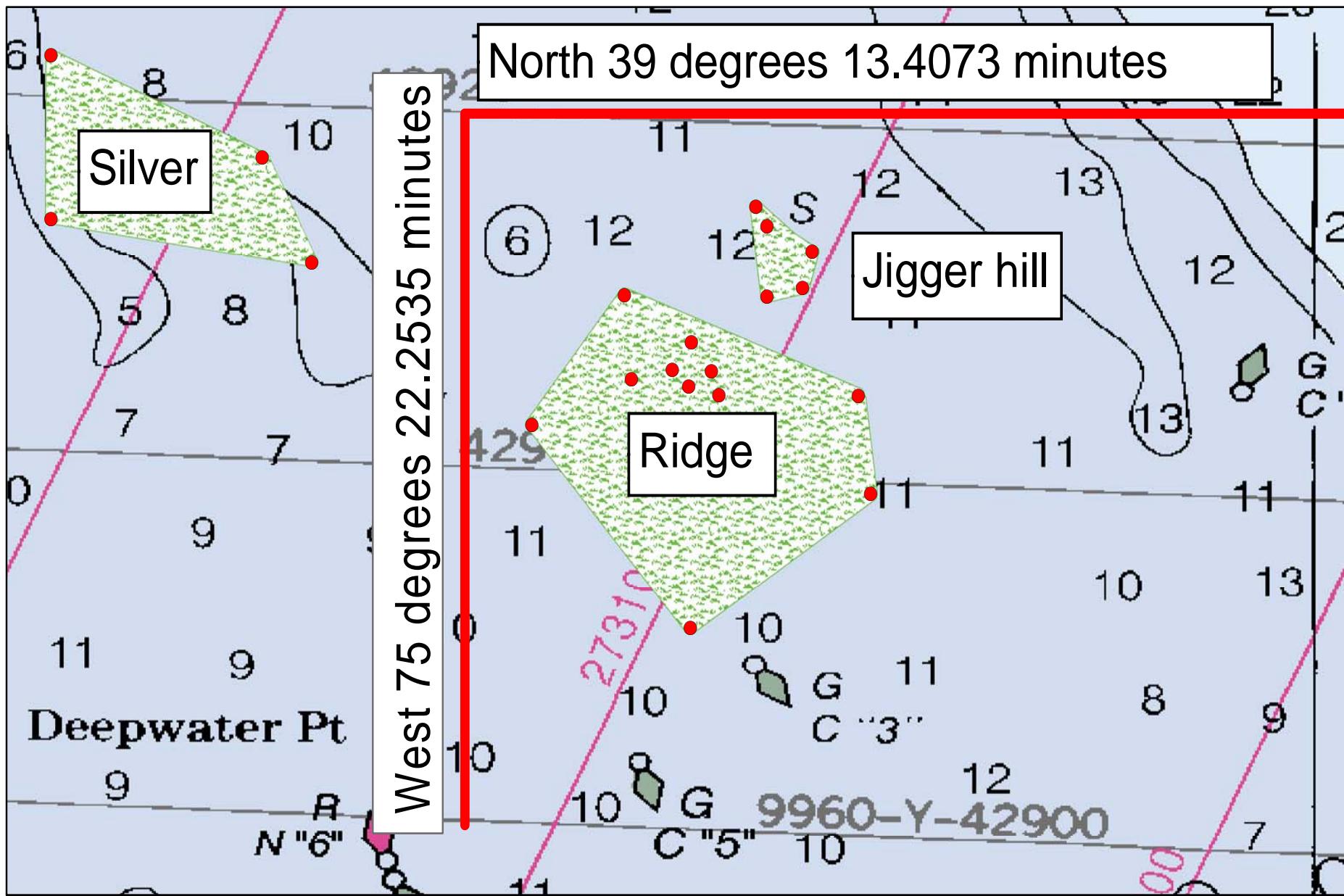
## Annual Oyster Quota 2001-2007



# Pooled Average Number of Markets

(Upper C.I., Long-term Average (1977-2001), Lower C.I.)





# **Delaware Oyster Restoration Shell Planting Sites 2006**

**Delaware Oyster Restoration  
Shell Planting Sites  
2006**

**Lower Middle**  
22 acres, 64,160 bushels  
July 2005  
**42930**

**Silver Bed West**  
30 Acres, 81,156 bushels  
June 2006  
**42920**

**Pleasanton's Rock**  
42 acres, 75,461 bushels  
June 2006  
**42910**

**Drum Bed**  
33 acres, 101,566 bushels  
June 2006  
**42900**

**Lower Middle West**  
49 acres  
**11**

**Lower Middle East**  
42 acres  
**12**

**Jigger Hill**  
20 acres, 56,650 bushels  
July 2005  
**13**

**Ridge Bed**  
**14**

**Current boundaries of Delaware's historical "Natural" oyster beds**

**Shell Planting Sites**

- 2007 candidate sites
- 2006 sites
- 2005 sites
- Current boundaries of Delaware's historical "Natural" oyster beds

**North**