

# SUMMARY OF PRODUCTIVITY MONITORING AND SURVEY RESULTS FOR AMERICAN OYSTERCATCHERS (*Haematopus palliatus*) IN VIRGINIA, 2010

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Table 1. State summary of American Oystercatcher productivity monitoring in three geographic regions of coastal Virginia, 2010. Parentheses indicate 2009 monitoring results.

Site	No. pairs monitored	No. yng fledged	Productivity estimate <sup>1</sup>
Barrier Islands <sup>2</sup>	351 (361)	312 (112)	0.89 (0.31)
Seaside Marshes <sup>3</sup>	47 (50)	33 (21)	0.70 (0.42)
Chesapeake Bay <sup>4</sup>	90 (86)	70 (49)	0.78 (0.57)
<b>Total</b>	<b>488 (497)</b>	<b>415 (182)</b>	<b>0.85 (0.37)</b>

<sup>1</sup> Number of young fledged/number of pairs monitored. Calculations based on pairs with known success

<sup>2</sup> Data provided by The Nature Conservancy, Chincoteague and Fisherman Island National Wildlife Refuges

<sup>3</sup> Data provided by Chincoteague National Wildlife Refuge and Virginia Department of Game and Inland Fisheries

<sup>4</sup> Data provided by Virginia Department of Game and Inland Fisheries

Table 2. Results of American Oystercatcher productivity monitoring on 12 of Virginia's 14 barrier islands, 2010. Parentheses indicate 2009 monitoring results.

Site	No. pairs Monitored	No. known nesting attempts	No. yng fledged	Productivity estimate <sup>1</sup>
Assateague Island <sup>2</sup>	14 (19)	20 (32)	2 (5)	0.14 (0.26)
Wallops Island <sup>3</sup>	(3)	(4)	(0)	(0.00)
Assawoman Island <sup>2</sup>	28 (23)	30 (44)	38 (3)	1.36 (0.13)
Metompkin Island <sup>4</sup>	95 (84)	102 (98)	90 (5)	0.95 (0.06)
Cedar Island <sup>2</sup>	25 (32)	26 (19)	37 (24)	1.48 (0.75)
Cedar Sandbar <sup>4</sup>	36 (37)	52 (43)	18 (13)	0.50 (0.35)
Cobb Island <sup>3,4</sup>	(23)	(21)	(11)	(0.52)
Little Cobb Island <sup>4,5</sup>	13 (14)	- (14)	5 (3)	0.38 (0.21)
Wreck Island <sup>4</sup>	38 (36)	41 (38)	32 (18)	0.84 (0.50)
Ship Shoal Island <sup>4</sup>	34 (27)	38 (30)	43 (16)	1.26 (0.59)
Myrtle Island <sup>4,5</sup>	8 (10)	- (10)	3 (0)	0.36 (0.00)
Smith Island <sup>4,6</sup>	22 (17)	23 (25)	25 (8)	1.14 (0.47)
Fisherman Island <sup>6</sup>	38 (38)	46 (53)	19 (6)	0.50 (0.16)
<b>TOTALS</b>	<b>351 (361)</b>	<b>378 (431)</b>	<b>312 (112)</b>	<b>0.89 (0.31)</b>

<sup>1</sup> No. young fledged/no. pairs. Calculations based on pairs with known success

<sup>2</sup> Data provided by Chincoteague National Wildlife Refuge

<sup>3</sup> Site not monitored for productivity in 2010

<sup>4</sup> Data provided by The Nature Conservancy

<sup>5</sup> Site visited monthly

<sup>6</sup> Data provided by Fisherman Island National Wildlife Refuge

Table 3. Results of American Oystercatcher productivity monitoring in two regions of Virginia's seaside marshes, 2010. Parentheses indicate 2009 monitoring results.

Site	No. pairs monitored	No. yng fledged	Productivity estimate <sup>1</sup>
Wachapreague <sup>2</sup>	32 (32)	23 (13)	0.72 (0.41)
Chincoteague <sup>3</sup>	15 (18)	10 (8)	0.67 (0.44)
<b>Total</b>	<b>47 (50)</b>	<b>33 (21)</b>	<b>0.70 (0.42)</b>

<sup>1</sup> Number of young fledged/number of pairs monitored. Calculations based on pairs with known success.

<sup>2</sup> Data provided by Virginia Department of Game and Inland Fisheries

<sup>3</sup> Data provided by Chincoteague National Wildlife Refuge

Table 4. Results of American Oystercatcher productivity monitoring on nine Chesapeake Bay islands in Accomack County, Virginia, 2010. Parentheses indicate 2009 monitoring results. Data provided by Virginia Department of Game and Inland Fisheries.

Site	No. pairs Monitored	No. known nesting attempts	No. yng Fledged	Productivity estimate <sup>1</sup>
Clump Island	17 (11)	26 (13)	14 (16)	0.82 (1.45)
Goose Island	11 (9)	13 (9)	12 (14)	1.09 (1.56)
Tangier Island	13 (11)	13 (14)	11 (7)	0.85 (0.64)
Watts Island	11 (13)	15 (17)	4 (2)	0.36 (0.15)
Halfmoon Island	9 (8)	13 (9)	4 (5)	0.44 (0.63)
Webb Island	11 (13)	16 (14)	7 (2)	0.64 (0.15)
No Name Island	1 (ND <sup>2</sup> )	2 (ND <sup>2</sup> )	0 (ND <sup>2</sup> )	0.00 (ND <sup>2</sup> )
Parker's Island	12 (11)	16 (15)	10 (1)	0.83 ( 0.09)
Scarsborough Is.	5 (7)	6 (8)	8 (2)	1.60 (0.29)
<b>TOTALS</b>	<b>90 (86)</b>	<b>120 (103)</b>	<b>70 (49)</b>	<b>0.78 (0.57)</b>

<sup>1</sup> No. young fledged ÷ no. pairs monitored. Calculations based on pairs with known nests.

<sup>2</sup> ND = no data.

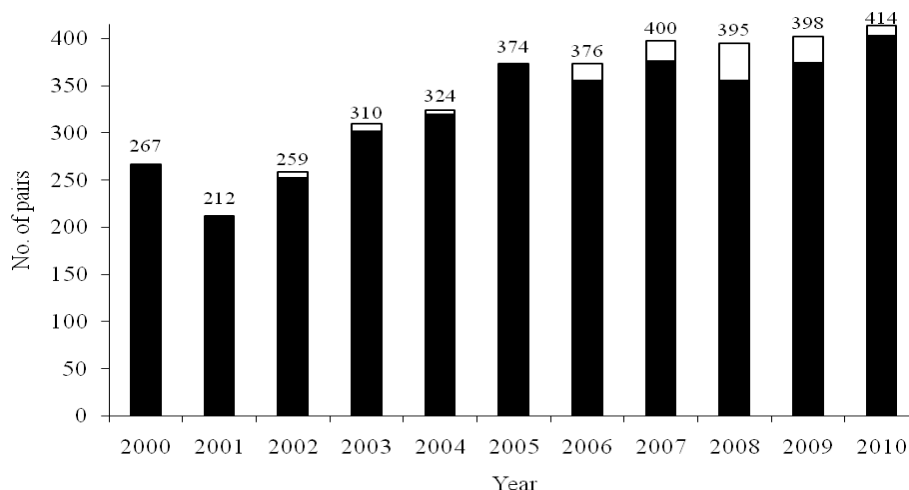


Figure 1. Results of annual American Oystercatcher surveys of the Virginia barrier islands 2000 – 2010, end-of-season totals. Black portion of bars represent Virginia Coast survey totals; white portion of bars represent additional pairs documented during productivity monitoring. Data for 2000 adapted from Terwilliger and Cross 2000.