

CAHA #2696

**Dixon, Christopher**

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**From:** Fox, Lori  
**Sent:** Monday, November 29, 2010 10:58 AM  
**To:** Dixon, Christopher  
**Cc:** Herron, Amanda  
**Subject:** FW: tables  
**Attachments:** 2010 updates NC turtle nests .xls; USE THIS DATA - Turtle Data CAHA - includes 2005.xls

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**Categories:** CAHA Admin

[For CAHA admin...](#)

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**From:** Smith, Spence  
**Sent:** Wednesday, September 22, 2010 11:42 AM  
**To:** Fox, Lori  
**Subject:** RE: tables

Lori

Here are the spreadsheets used for the two figures. 2010 updates NC turtle nests has the bar graph for loggerhead nests in NC and the other doc has the bar graph for loggerheads at CAHA.

if questions, let me know.

Cheers,  
Spence

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**From:** Fox, Lori  
**Sent:** Tue 9/21/2010 4:05 PM  
**To:** Smith, Spence  
**Subject:** tables

Hey Spence,

Can you send me the excel files you used to create figure 12 and 13 for the CAHA EIS? Doug noted figure 12 looks fuzzy so I want to regenerate it.

Thanks,  
Lori

**Lori Fox**

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Percentage of nests in CALO and CAHA, relative to all of NC.

### LOGGERHEAD NESTS ONLY

Season	NC total	CALO total	CAHA total	%CALO	%CAHA	%CAHA+CALO
1995	662	119	69	18.0%	10.4%	28.4%
1996	776	94	39	12.1%	5.0%	17.1%
1997	568	124	39	21.8%	6.9%	28.7%
1998	847	193	92	22.8%	10.9%	33.6%
1999	1140	242	91	21.2%	8.0%	29.2%
2000	757	187	83	24.7%	11.0%	35.7%
2001	659	119	72	18.1%	10.9%	29.0%
2002	694	120	98	17.3%	14.1%	31.4%
2003	863	161	84	18.7%	9.7%	28.4%
2004	344	74	49	21.5%	14.2%	35.8%
2005	634	136	69	21.5%	10.9%	32.3%
2006	794	128	82	16.1%	10.3%	26.4%
2007	535	71	73	13.3%	13.6%	26.9%
2008	890	100	108	11.2%	12.1%	23.4%
2009	608	140	101	23.0%	16.6%	39.6%
2010	822		150	0.0%	18.2%	18.2%
mean	728.7	134.9	82.0	17.6%	11.5%	29.1%

### Green turtles

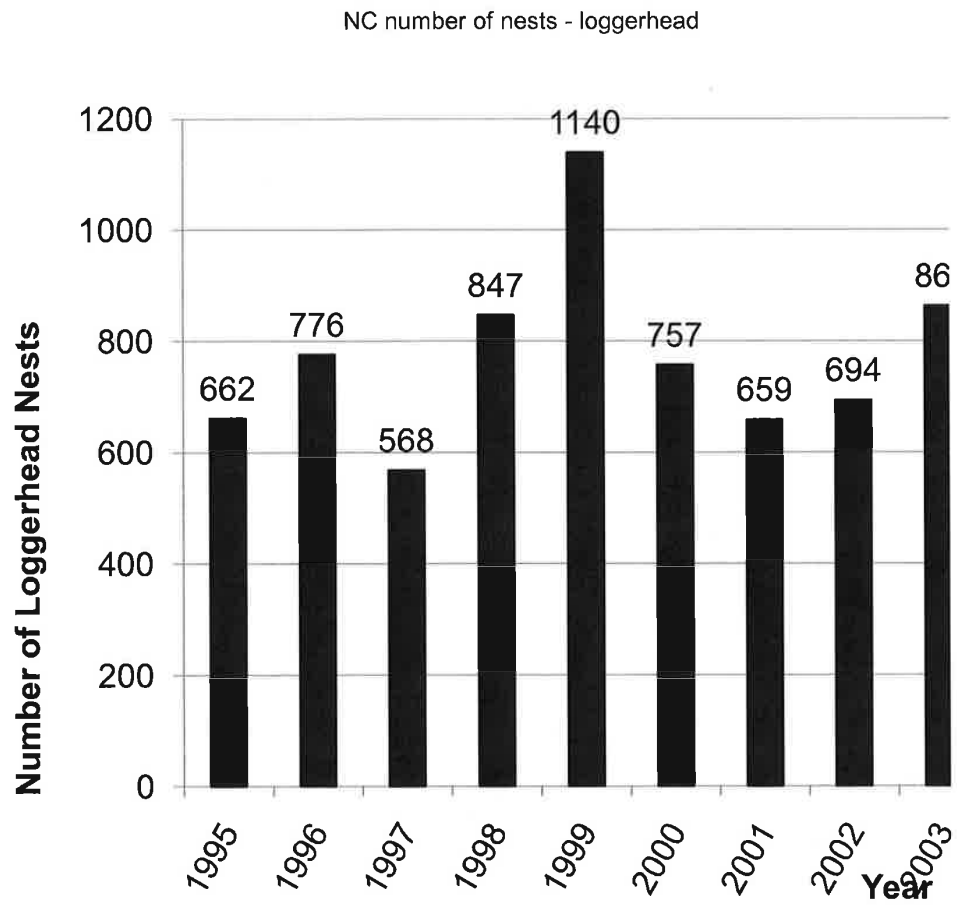
Season	NC total	CALO total	CAHA total	%CALO	%CAHA	%CAHA+CALO
1996	5	1	2	20.0%	40.0%	60.0%
1997	1	0	0	0.0%	0.0%	0.0%
1998	23	4	3	17.4%	13.0%	30.4%
1999	12	0	0	0.0%	0.0%	0.0%
2000	23	1	3	4.3%	13.0%	17.4%
2001	4	0	3	0.0%	75.0%	75.0%
2002	13	0	3	0.0%	23.1%	23.1%
2003	4	0	4	0.0%	100.0%	100.0%
2004	4	0	3	0.0%	75.0%	75.0%
2005	19	1	10	5.3%	52.6%	57.9%
2006	6	3	0	50.0%	0.0%	50.0%
2007	21	7	8	33.3%	38.1%	71.4%
2008	22	3	4	13.6%	18.2%	31.8%
2009	5	1	2	20.0%	40.0%	60.0%
2010	13		4		30.8%	30.8%
mean	11.7	1.5	3.3	11.7%	34.6%	45.5%
average						

### Leatherback turtles

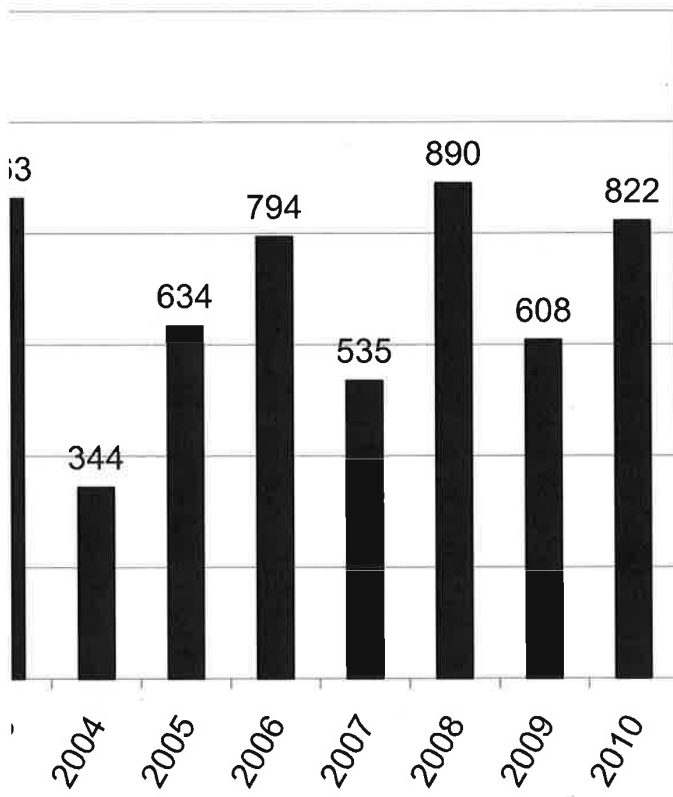
Season	NC total	CALO total	CAHA total	%CALO	%CAHA	%CAHA+CALO
1996	0	0	0	-	-	-
1997	0	0	0	-	-	-

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1998	2	0	2	0.0%	100.0%	100.0%
1999	0	0	0	-	-	-
2000	4	1	3	25.0%	75.0%	100.0%
2001	0	0	0	0.0%	0.0%	0.0%
2002	1	0	1	0.0%	100.0%	100.0%
2003	0	0	0	-	-	-
2004	4	3	1	75.0%	25.0%	100.0%
2005	7	5	0	71.4%	0.0%	71.4%
2006	0	0	0	-	-	-
2007	9	8	1	88.9%	11.1%	100.0%
2008	0	0	0	-	-	-
2009	3	0	1	0.0%	33.3%	33.3%
2010	2	0	0	0.0%	0.0%	0.0%
mean	2.1	1.2	0.6	28.9%	38.3%	67.2%
	32	17	9			



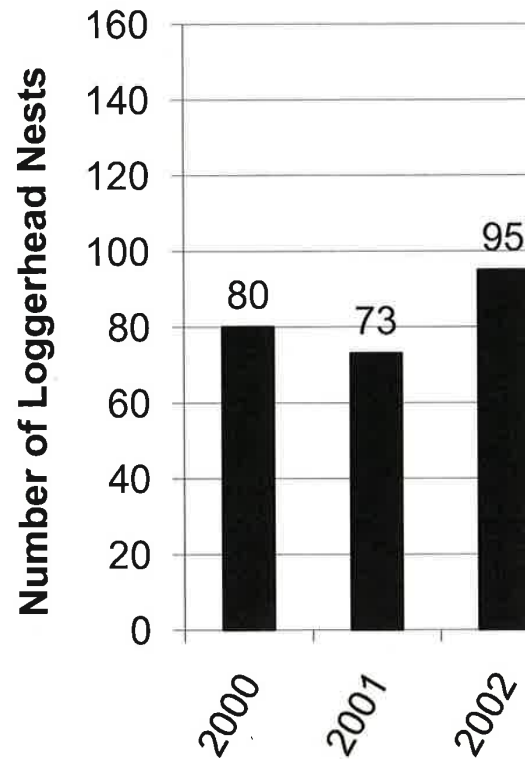
0028503



	1997	1998	1999	2000	2001	2002	2003	2004
Green	1	3	0	1	2	3	4	3
% total	2.6%	3.1%	0.0%	1.2%	2.7%	3.0%	4.6%	7.0%
Loggerhead	38	93	92	80	73	95	83	40
% total	97.4%	94.9%	100.0%	95.2%	97.3%	96.0%	95.4%	93.0%
Leatherback	0	2	0	3	0	1	0	0
% total	0.0%	2.0%	0.0%	3.6%	0.0%	1.0%	0.0%	0.0%
Total	39	98	92	84	75	99	87	43

Baker pers comm. 2009a

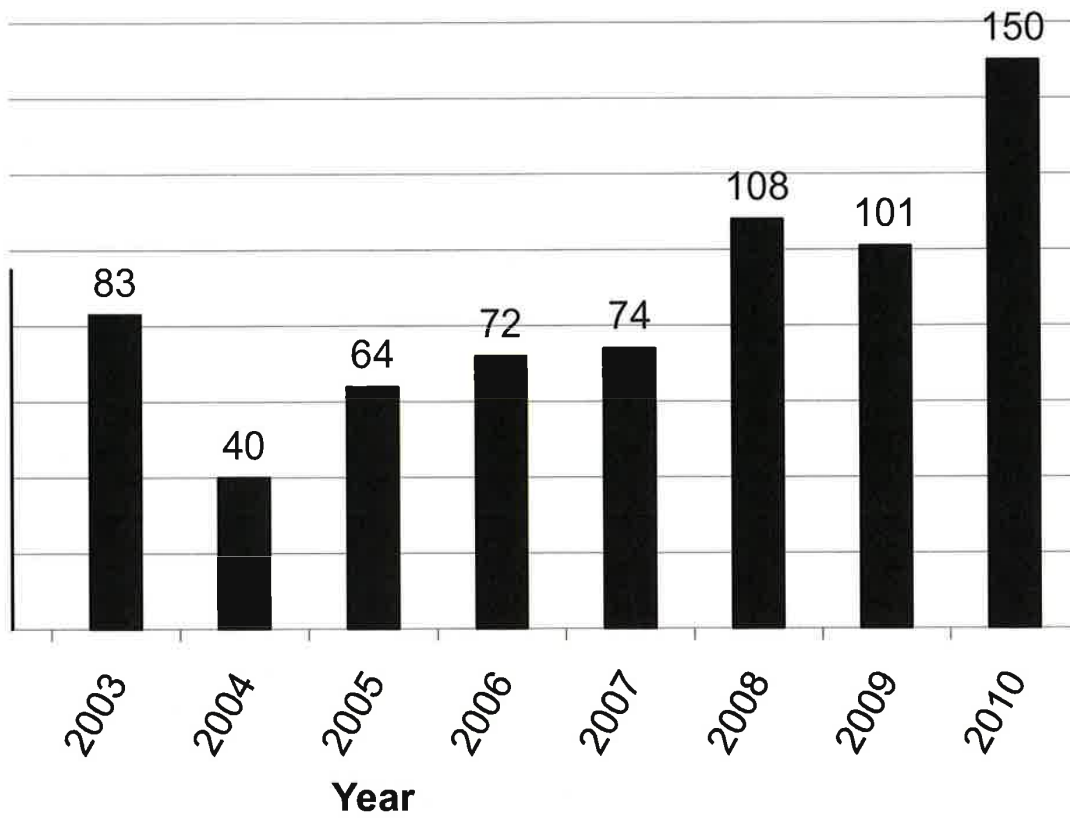
Number of Loggerhead Nests at C



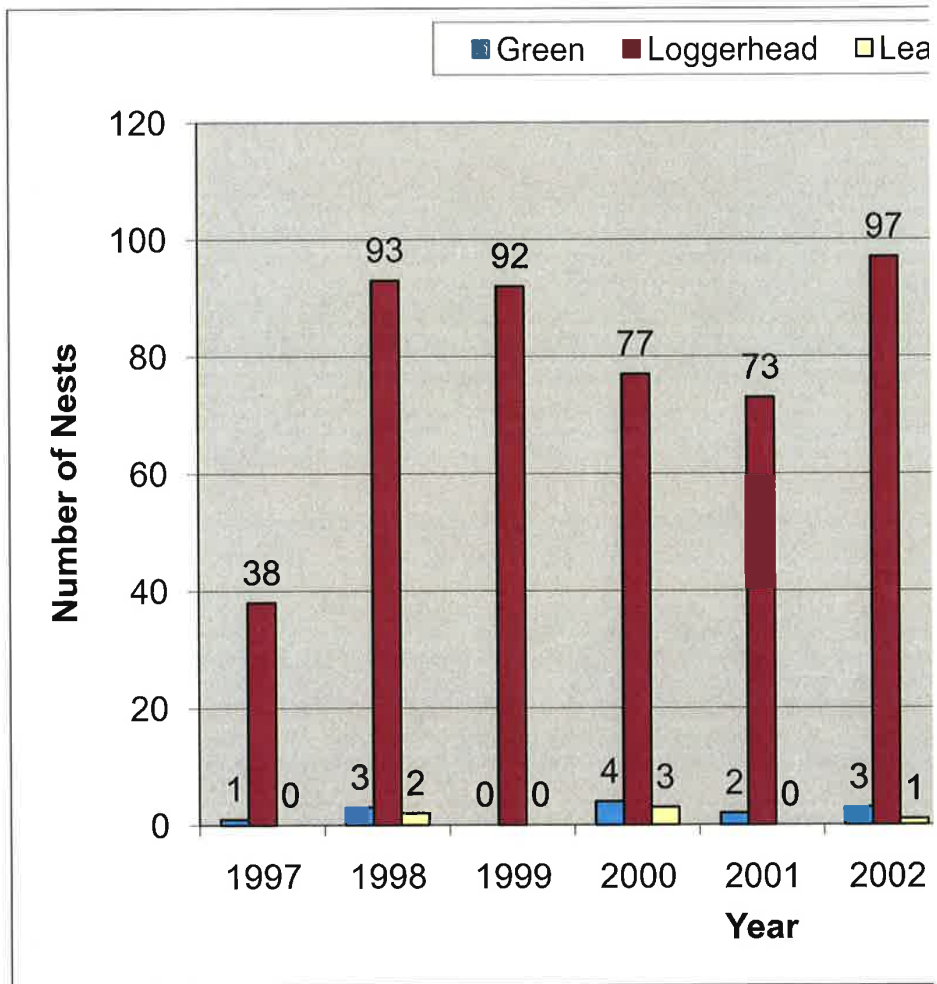


2005	2006	2007	2008	2009	2010	Avg	Total
9	4	7	4	2	4	3.9	43
12.3%	5.3%	8.5%	3.6%	1.9%	2.6%	4.8%	4.3%
64	72	74	108	101	150	85.5	940
87.7%	94.7%	90.2%	96.4%	97.1%	97.4%	94.6%	95.0%
0	0	1	0	1	0	0.5	6
0.0%	0.0%	1.2%	0.0%	1.0%	0.0%	0.6%	0.6%
73	76	82	112	104	154	83.5	989
NPS 2007€ NPS 2008€ NPS 2009€ NPS 2010 Muiznieks pers comm. 2010							

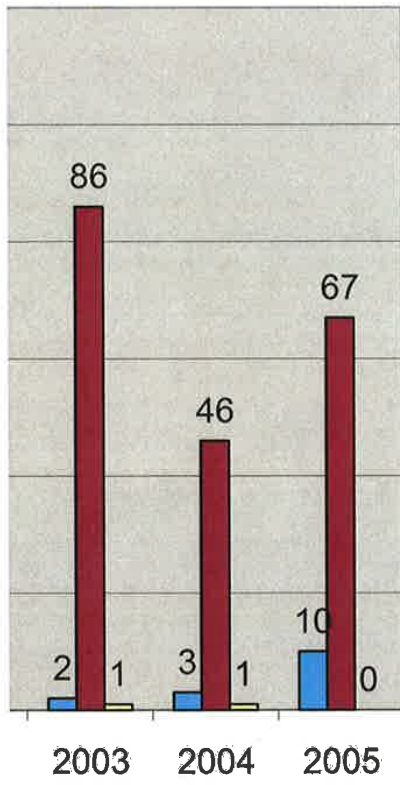
:AHA 2000-2010



	1997	1998	1999	2000	2001	2002	2003	2004	2005
Green	1	3	0	4	2	3	2	3	10
Loggerhead	38	93	92	77	73	97	86	46	67
Leatherback	0	2	0	3	0	1	1	1	0



atherback



Year	nest loss	decrease n	storm	overwash
2009	6	25		16
2008	6	16	others	
2007	5			
2006	23			
2004	29			
2003	52			

District	1997	1998	1999	2000	2001	2002	2003	2004
<b>Hatteras</b>	1	3	0	48	50	60	46	30
% total	2.6%	3.1%	0.0%	57.1%	66.7%	60.6%	52.9%	69.8%
<b>Ocracoke</b>	38	93	92	20	12	23	33	8
% total	97.4%	94.9%	100.0%	23.8%	16.0%	23.2%	37.9%	18.6%
<b>Bodie</b>	0	2	0	16	13	16	8	5
% total	0.0%	2.0%	0.0%	19.0%	17.3%	16.2%	9.2%	11.6%
<b>Total</b>	<b>39</b>	<b>98</b>	<b>92</b>	<b>84</b>	<b>75</b>	<b>99</b>	<b>87</b>	<b>43</b>

Relocation	24	32	36	16	18
% relocated	28.6%	42.7%	36.4%	18.4%	41.9%
natural causes	16	23	32	10	16
% relocated due natural cause	66.7%	71.9%	88.9%	62.5%	88.9%

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2005	2006	2007	2008	2009	Avg	Total
40	43	35	75	53	48.0	480
54.8%	56.6%	42.7%	67.0%	51.0%	57.9%	57.5%
24	26	28	24	32	23.0	230
32.9%	34.2%	34.1%	21.4%	30.8%	27.3%	27.5%
9	7	19	13	19	12.5	125
12.3%	9.2%	23.2%	11.6%	18.3%	14.8%	15.0%
73	76	82	112	104	83.5	835

		16	12	19	32	22.8	205	0.245509
	0.0%	21.1%	14.6%	17.0%	30.8%	25.1%		
na		12	10	18	32	20.9%	since 2006	
na		75.0%	83.3%	94.7%	100.0%	81.3%		
						88.3%	since 2006	
			17.6%					
			20.9%					