



Image from USFWS

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

# Calculating Loggerhead Hatchling Success Rates

Data Table for a 5Es Lesson by Rachel Teller

Isle of Palms & Sullivan's Island, South Carolina 2004 Nesting Season										
Nest Data				Inventory Data						
A	B	C	D	E	F	G	H	I	J	K
nest number	date laid/ morning found	date of first emergence	incubation duration (days)	no. of unhatched eggs	no. of dead hatchlings	no. of live hatchlings	no. of shells	no. of successful hatchlings	no. of eggs laid	hatchling success rate
1	6/4/04	7/25/04	51	64	0	2	52	52		44.8%
2	6/9/04	8/10/04		32	0	1	8			
3	6/18/04	8/21/04		77	0	9		42	119	
4	6/25/04	8/15/04		13	3	13	95			
5	6/26/04	8/19/04	54	9	0	3			109	91.7%
6	7/5/04	8/25/04		9	0	3		94	103	
7	7/8/04	8/29/04		9	0	8	108			
8	7/12/04		N/A	120	0	0	0	0		0.0%
9	7/19/04	9/18/04		18	11	6			94	
10	7/23/04	9/25/04	64	18	1	0			105	81.9%

Overall			
in situ			
relocated			

Many thanks to Mary Pringle and the Island Turtle Team (<http://web.ccgnet.com/turtleteam/>) for collecting and sharing this data.