

**Historic Population Estimates for Bottlenose Dolphins
(*Tursiops truncatus*) in Aragua, Venezuela,
Indicate Monitoring Need
Supplementary Data A & B**

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Supplementary Data A.

Encounter history files (1 detected, 0 not detected) compiled from 39 secondary surveys during 2004-2008 in Venezuela. Last number in each row indicates the number of common bottlenose dolphins (*Tursiops truncatus*) that exhibited that encounter history.

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00000000000100000000000101000000001000      1;
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Supplementary Data B.

Proportion of marked and unmarked common bottlenose dolphins (*Tursiops truncatus*) during 13 primary surveys in Venezuela during 2004-2008.

Survey	WetDry	Date (DD-MM-YY)	Marked Adults	Unmarked Adults	Adults total	Unmarked Total	Group size Total
1	W	15-05-04	5	2	7	5	10
1	W	26-06-04	4	11	15	16	20
	Total		9	13	22	21	30
2	W	04-07-05	5	4	9	9	14
2	W	05-07-05	5	3	8	9	14
	Total		10	7	17	18	28
3	D	29-10-05	6	1	13	12	18
3	D	30-10-05	6	4	10	9	15
	Total		12	5	23	21	33
4	W	02-05-06	2	0	2	0	2
4	W	09-06-06	3	5	8	12	15
4	W	12-06-06	2	0	2	0	2
	Total		7	5	12	12	19
5	D	20-10-06	3	0	3	1	4
5	D	25-10-06	6	0	6	2	8
5	D	26-10-06	12	1	13	5	17
	Total		21	1	22	8	29
6	D	24-11-06	8	18	26	32	40
6	D	30-11-06	6	0	6	2	8
6	D	20-12-06	8	0	8	4	12
	Total		22	18	40	38	60
7	D	13-01-07	15	9	24	13	28
7	D	25-01-07	4	21	25	21	25
7	D	26-01-07	3	2	5	4	7
7	D	08-02-07	1	0	1	0	1
7	D	09-02-07	11	1	12	1	12

Bottlenose Dolphins in Venezuela

	Total		34	33	67	39	73
8	D	08-03-07	4	0	4	2	6
8	D	09-03-07	11	1	12	2	13
8	D	20-04-07	12	0	12	3	15
8	D	28-04-07	9	2	11	5	14
	Total		36	3	39	12	48
9	W	04-05-07	14	19	33	30	44
9	W	05-05-07	4	1	5	1	5
9	W	12-05-07	12	14	26	18	30
9	W	09-06-07	6	0	6	0	6
9	W	16-06-07	12	10	22	13	25
	Total		48	44	92	62	110
10	W	21-08-07	10	18	28	31	41
10	W	24-08-07	11	2	13	7	18
	Total		21	20	41	38	59
11	W	25-05-08	15	6	21	13	28
11	W	11-06-08	5	13	18	19	24
	Total		20	19	39	32	52
12	W	20-09-08	14	8	22	17	31
12	W	26-09-08	6	8	14	12	18
12	W	03-10-08	18	1	19	7	25
	Total		38	17	55	36	74
13	D	06-11-08	21	3	24	6	27
13	D	08-11-08	2	0	2	0	2
13	D	13-12-08	16	0	16	6	22
	Total		39	3	42	12	51