

### **Assumptions made when working with confiscations/policing effort data**

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EXCEL spreadsheets have been provided by Pedro Goosen (DAFF) which provide various recorded statistics for west coast rock lobster confiscations and policing effort. Data are reported for each month from April 2008 to March 2011. For each month various statistics relating to confiscations and different policing effort types are provided for a range of compliance stations. An example extract is provided as Appendix A. The list of compliance stations (and types of policing effort) increases somewhat over time, and statistics from various task teams are added e.g. "TT Kleimond".

In summarising the data, the following stations have been assigned to each super-area:

Super-area 1+2: Port Nolloth

Super-area 3+4: Doring baai; Lambertsbay+Elandsbaai

Super area 5+6: Yzerfontein; Veldrift; Saldanha; St Helena, WCTT (west coast task team)

Super area 8+: All other stations (excluding WCTT), e.g. TT Kleinmond; CPTT (these are various task teams).

Goosen (pers. comm.) advises that location allocations for confiscations may be somewhat inaccurate because point of apprehension and/or actual removal from the sea may differ from the point of reporting (e.g. confiscations at Dassen Island are reported at Saldanha Bay). Policing effort from restaurant checks, for example, will record confiscations at the site of the restaurant, not the area from which the lobsters were "poached" from.

Confiscations of rock lobster: There are two columns "RL found abandoned" and "RL confiscations" – these two columns are summed to form the total confiscations for WCRL. In earlier months, this distinction was not made and both "confiscations" and "abandoned" lobsters were reported together as confiscations.

The inputs used to perform the poaching estimate calculations are:

- 1) Confiscations (abandoned plus confiscations)
- 2) Policing effort – here a number of different sources are available.

Table 1: Example of the rock lobster raw data files (January 2011).

Month	CONFISCATIONS			INSPECTIONS														
	Compliance Station	RL found abandoned	RL Confisc	Vehicles Inspected	Permit Checks	Anglers permits inspected	Slipway Inspect	Coastal patrols	Road blocks and VCP's	Sea patrols	Foreign vessel inspections	Vessels inspected	Divers prevented from diving	Restaurant Inspections	FPE Inspections	Mariculture Inspections	Joint Ops with partners	Ports/Airports/ Border posts: entry/exit points Inspected
JAN	Arniston	0	0	0	0	27	7	64	0	0	0	21	0	4	0	0	1	0
	Cape Town	0	5	20	50	10	25	25	0	0	5	22	0	3	1	0	2	22
	Gansbaai	5	5	21	39	5	39	8	0	1	0	44	0	0	0	0	0	0
	Gordonsbay	0	7	15	130	75	80	32	0	0	0	90	0	0	0	0	0	0
	Hermanus	0	20	129	45	0	124	992	2	0	0	72	52	0	0	0	3	0
	Houtbay	0	5	12	86	2	25	51	0	0	0	86	2	1	8	0	0	0
	Kalkbaai	0	0	0	112	20	18	29	0	0	0	13	0	3	0	0	0	0
	Kleinmond	0	255	20	30	20	93	31	0	0	0	0	0	0	0	0	0	0
	Kommetjie	0	0	0	80	0	19	50	0	0	0	40	0	3	1	0	1	0
	Stilbaai	0	0	1	14	38	14	19	0	0	0	81	0	1	2	0	0	0
	Struisbaai	0	0	0	0	65	5	34	0	0	0	54	20	3	0	0	1	0
	CPT Task Team	0	0	0	19	3	5	6	0	2	10	6	0	9	3	0	2	5
	Yzerfontein	0	0	18	42	28	14	16	0	0	0	28	8	0	0	0	1	0
	Veldrift	0	0	0	8	4	24	32	0	0	0	6	0	3	5	0	0	0
	Saldanha	21	4701	178	313	46	226	110	9	3	0	91	0	22	15	11	8	6
	St Helenabay	191	429	11	91	5	64	60	2	2	0	89	0	10	7	1	10	0
	Doring baai	0	0	6	31	1	15	45	0	0	0	38	0	3	0	0	0	0
	Lambertsbay & Elandsbay	267	31	44	246	2	93	69	4	1	0	237	25	0	10	0	1	0
	Port Nolloth	0	0	0	15	0	4	18	0	0	0	40	0	2	0	1	1	2