



Data dictionary

What every column means

Teaching dataset based on real MCP survey records from southern Negros Oriental. Site and surveyor names are replaced with codes, enforcement levels are invented, and some values have been changed to make patterns clearer for learning. Not for research use.

Both	survey_id	Unique code: F = fish survey, C = coral (seabed) survey
Both	date, year, month, season	When the survey was done
Both	site	Reserve A to H (protected) or Open reef 1 to 3. Real names replaced
Both	protected	yes = inside a no-take marine protected area
Both	depth	Shallow, Medium or Deep zone
Both	water_temp_c	Water temperature, °C
Fish	visibility_m	How far the divers could see, metres
Both	surveyor_1, surveyor_2	Codes for the two divers. Real names removed
Fish	diver_1_count, diver_2_count	Fish counted by each diver
Fish	total_fish	$\text{diver_1_count} + \text{diver_2_count}$
Fish	parrotfish to damselfish	Fish in each group, all sizes
Fish	large_fish_30cm_plus	Fish 30 cm or longer
Fish	biomass_kg	Estimated weight of all fish counted, kg
Coral	points	Points recorded along the tape: always 120
Coral	hard_coral_points to other_points	How many points landed on each kind of seabed
Coral	bleached_coral_points	Hard coral points that were bleached
Coral	hard_coral_pct	$\text{hard_coral_points} \div 120 \times 100$
Coral	algae_pct	$\text{algae_points} \div 120 \times 100$
Coral	bleached_pct_of_coral	$\text{bleached_coral_points} \div \text{hard_coral_points} \times 100$
Sites	enforcement, patrol_days_per_week, wardens	How well each reserve is enforced. Invented for teaching