



UTILA DIVE CENTER DATA SUMMARY

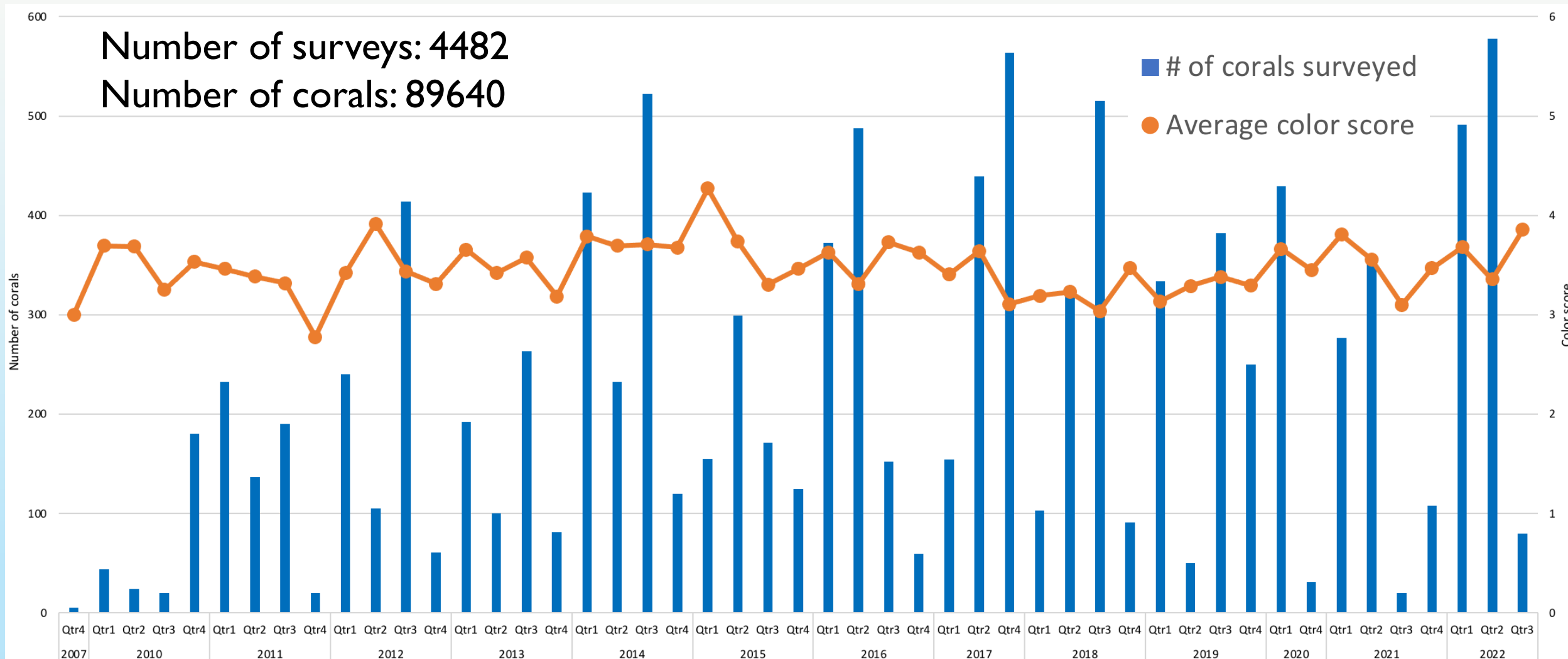
MOST VISITED DIVE SITES FOR CORALWATCH SURVEYS



Site Name	Number of Corals
Black Coral Wall, Utila, Honduras	10995
Moon Hole, Utila, Honduras	8125
Ted's Point, Utila, Honduras	8050
Lighthouse Reef, Utila, Honduras	6759
Little Bight, Utila, Honduras	6449
Jack Neal Beach/Point, Utila, Honduras	6077
Airport Caves, Utila, Honduras	5800
Labyrinth, Utila, Honduras	4219
Big Rock, Utila, Honduras	3876
Silver Garden, Utila, Honduras	2476

CORAL HEALTH SCORE OVER TIME: HONDURAS

Number of surveys: 4482
Number of corals: 89640

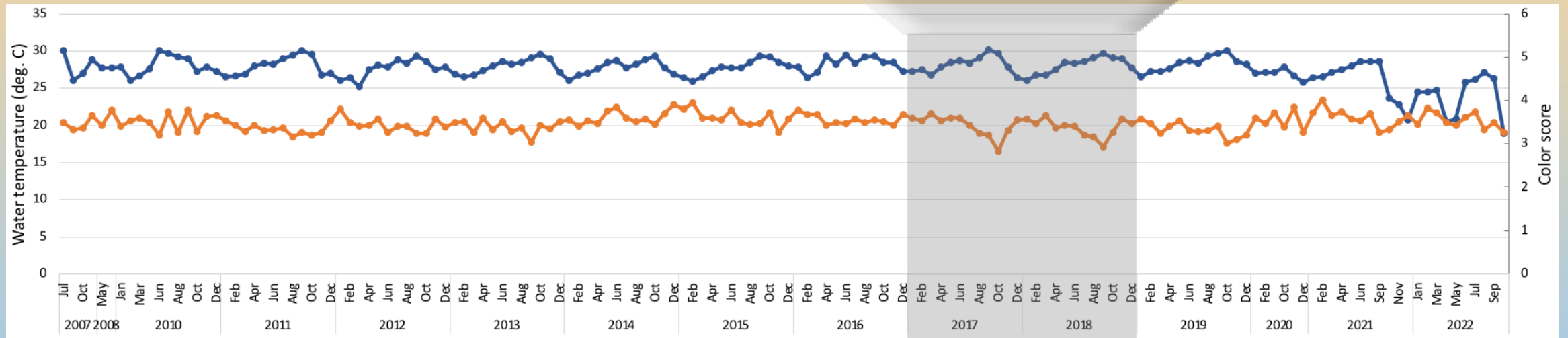
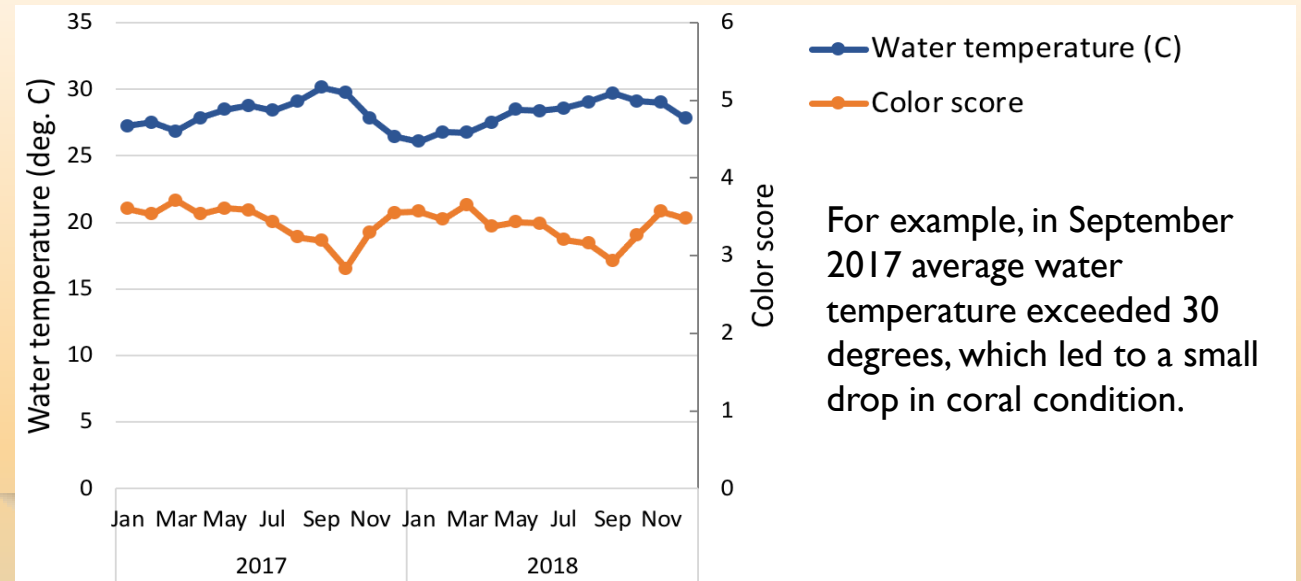


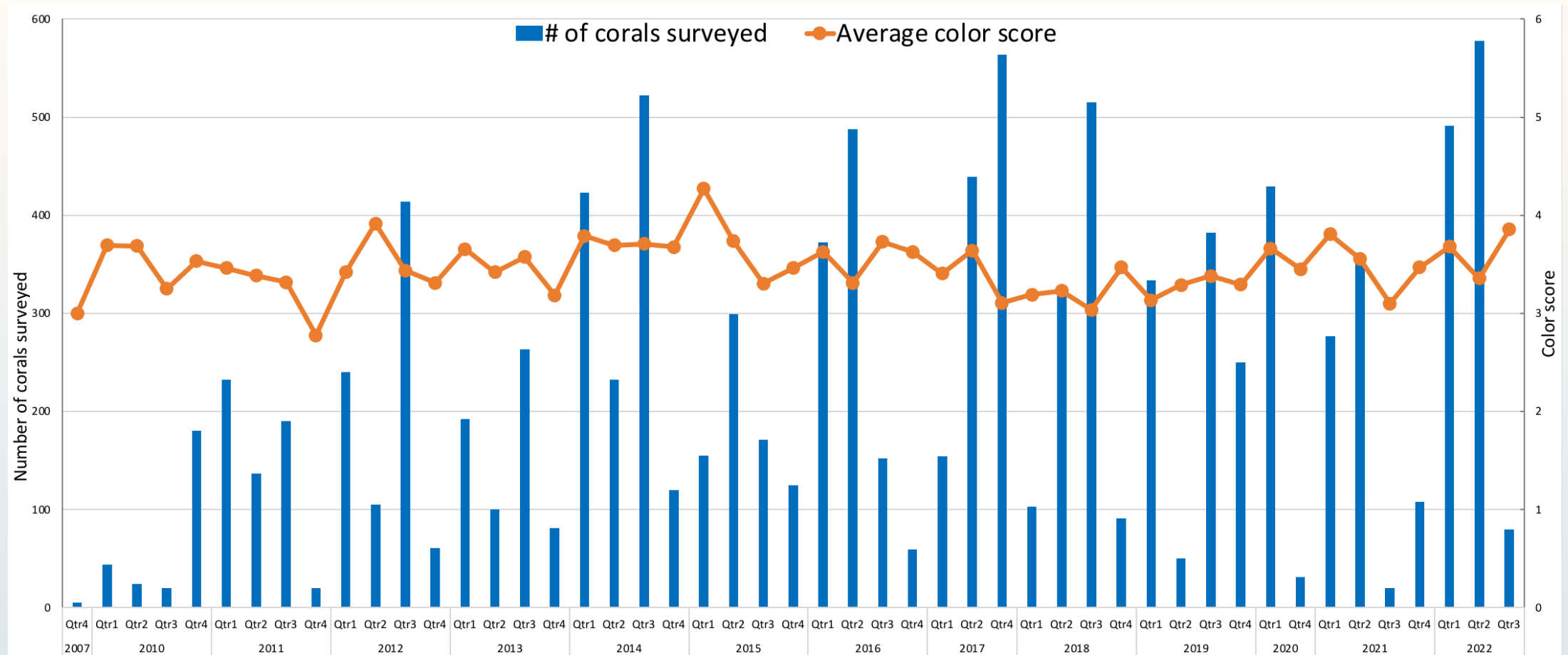
Note: This graph is compiling ALL data from ALL survey sites in Honduras (2007-2022) and will not show small scale variation or localised bleaching event. This type of graph could show a mass bleaching event for an area. In this case overall coral condition is quite good with a score about 3-4, we do not see real signs of bleaching. You can see some fluctuation in the number of surveys over time, especially due to the impacts of Covid 19 in 2020.

RELATIONSHIP BETWEEN TEMPERATURE AND CORAL HEALTH SCORE

Notes: This graph is compiling ALL data from ALL survey sites in Honduras (2007-2022) and illustrates the relationship between water temperature (blue) and colour health score using data from the CoralWatch Coral Health Charts.

As water temperature increases, coral health score declines indicating bleaching and poorer coral health. The trend shows **seasonal variation** with water temperature peaking in around October each year, generally associated with a decline in coral health.

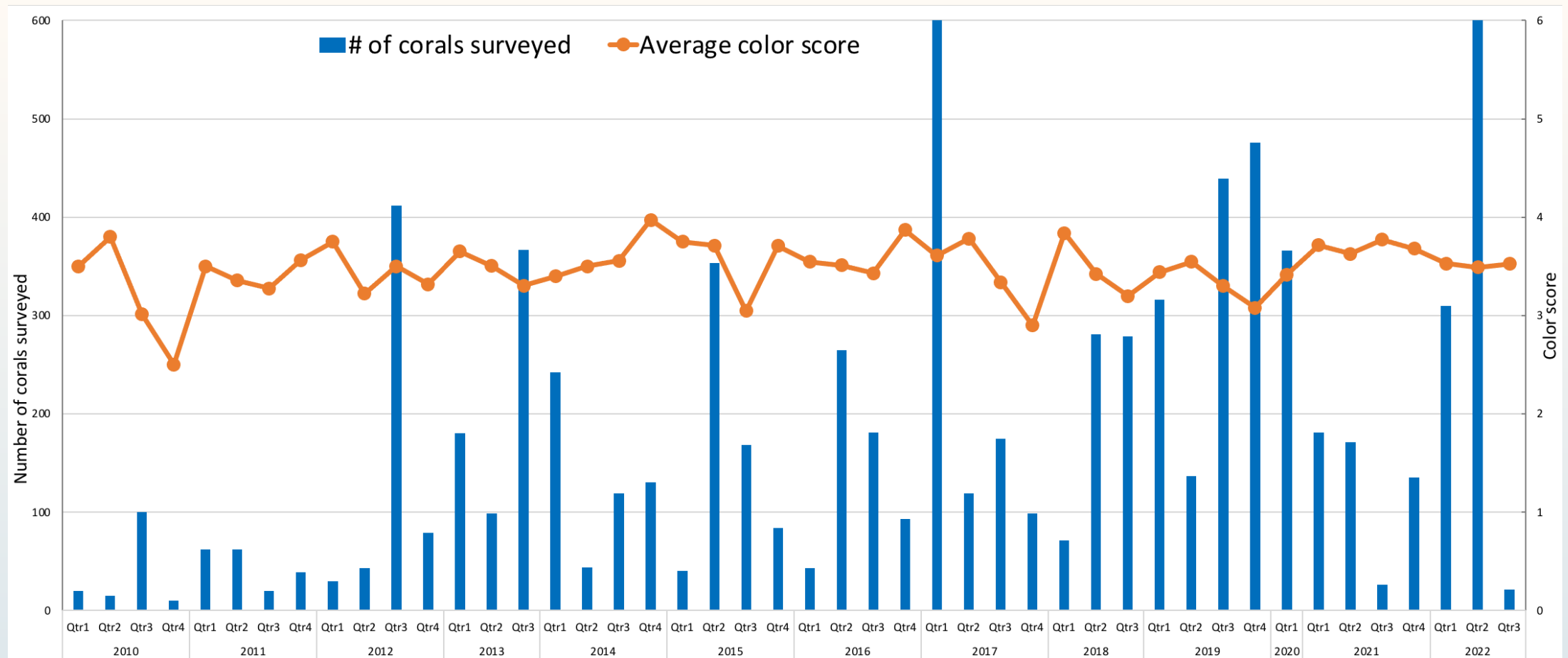




SURVEY SITE: BLACK CORAL WALL

Notes: 10995 corals monitored (2007-2022). Average colour scores are fairly consistent between 3-4, no indication of bleaching recorded. In 2011, 4th quarter average colour score dropped below 3.

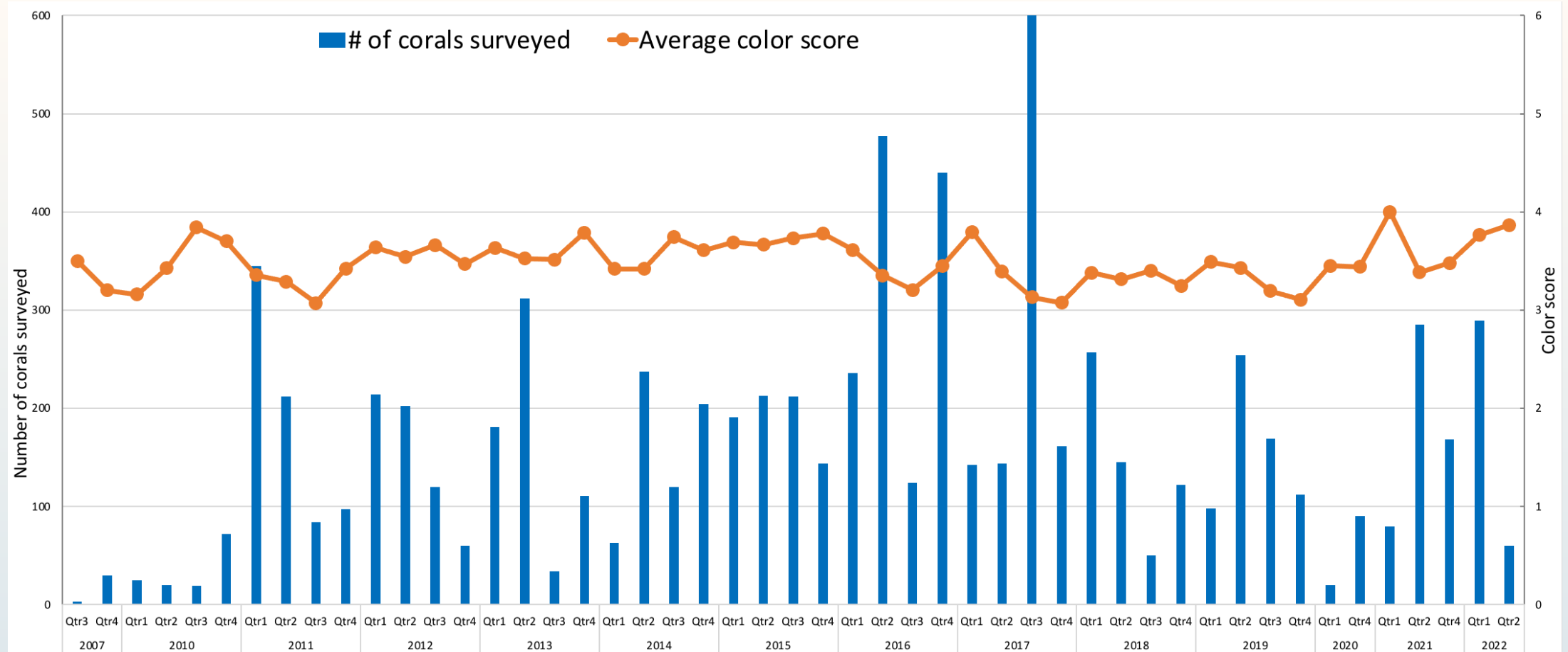




SURVEY SITE: MOON HOLE

Notes: 8/25 corals monitored (2010-2022). Average colour scores are majorly consistent between 3-4. In 2010 and 2017 colour score dropped below 3, which could indicate a possible bleaching event or a drop in coral health. However, the scarcity of the data acquired in 2010 does not allow to confirm a bleaching event.

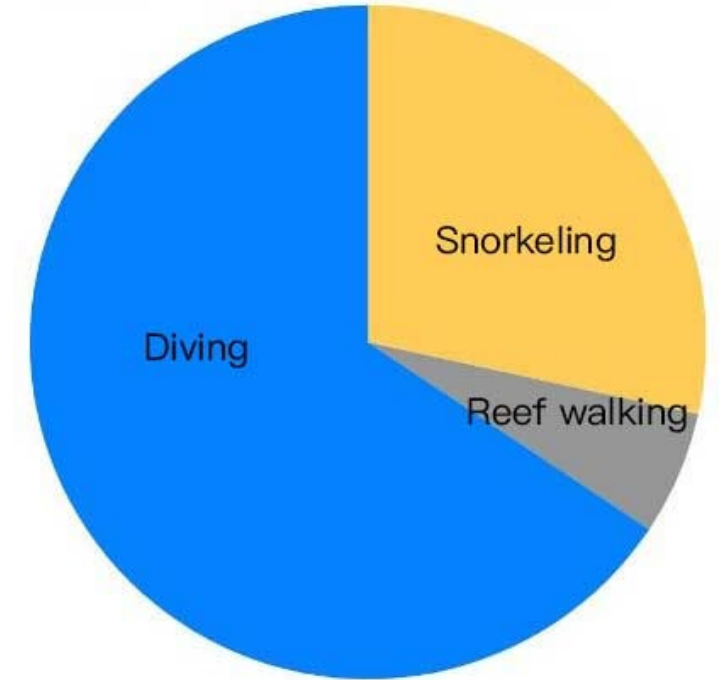
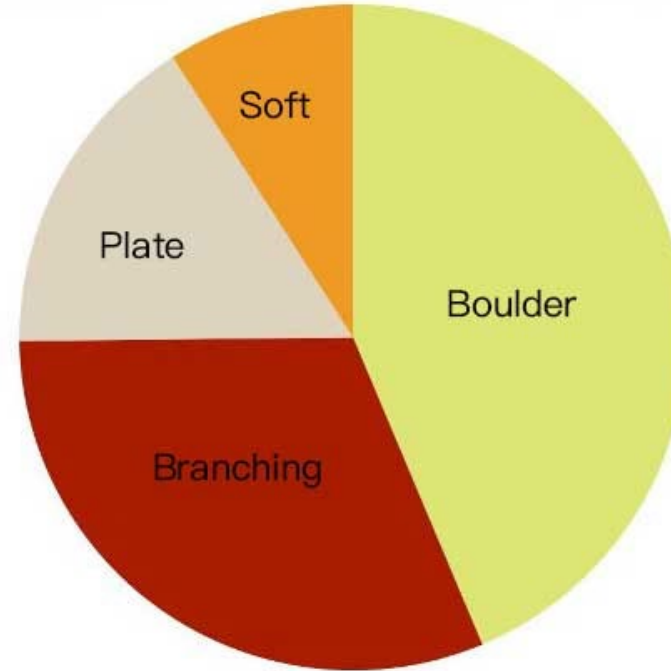
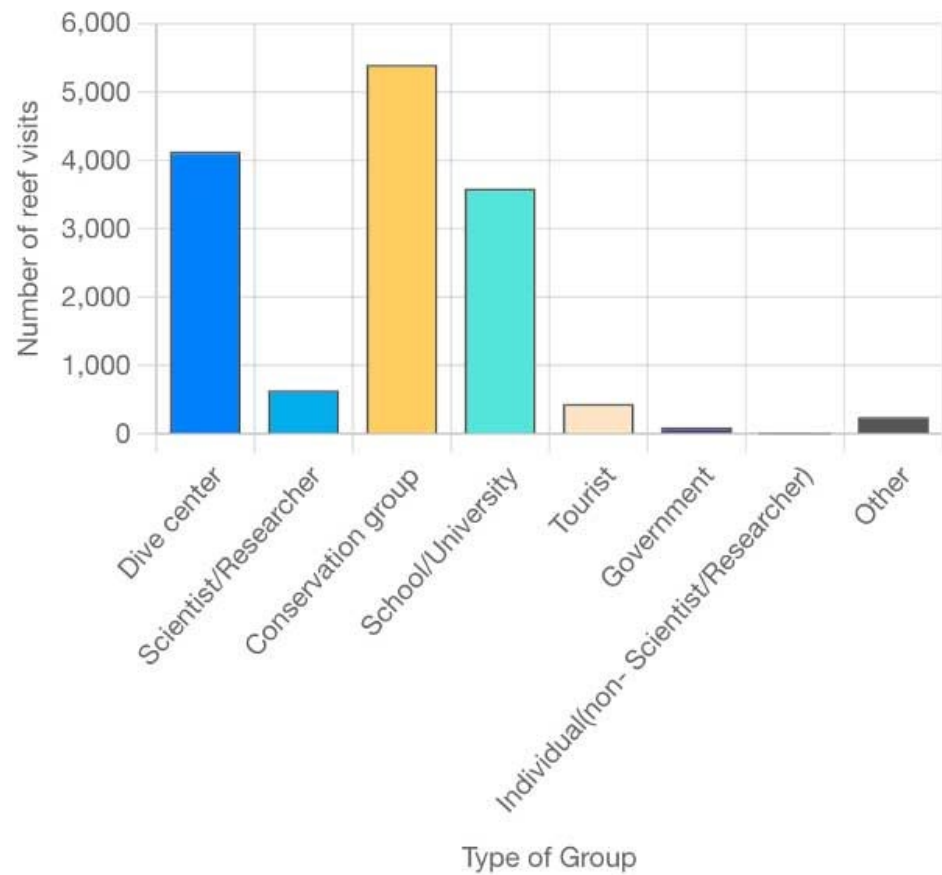




SURVEY SITE: TED'S POINT

Notes: 8050 corals monitored (2007-2022). Average colour scores are fairly consistent between 3-4, no indication of bleaching recorded.





TYPE OF PARTICIPATING GROUP

CORAL TYPE DISTRIBUTION

TYPE OF ACTIVITY

Notes: Data from these graphs include all data collected at Utila Dive Centre from 2007-August 2022. Boulder and branching corals were observed the most, more often through diving rather than snorkelling. Conservation groups, dive centers and schools/universities were the major contributors.