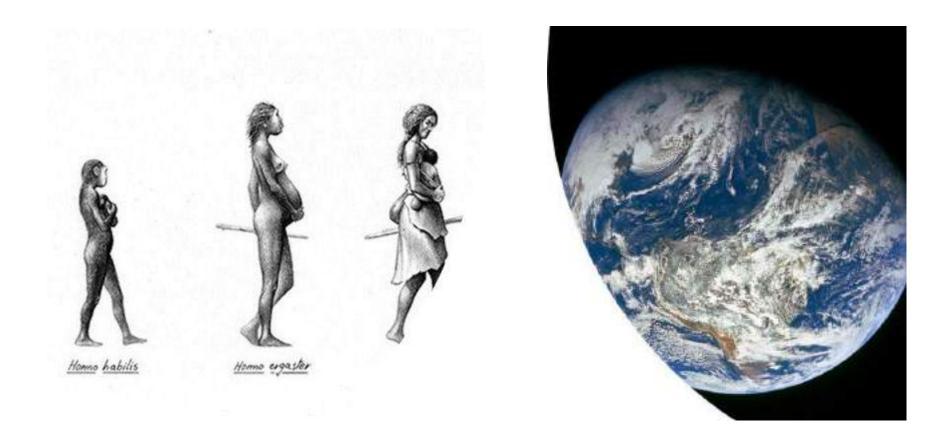






the Earth was formed 4.5 billion years ago



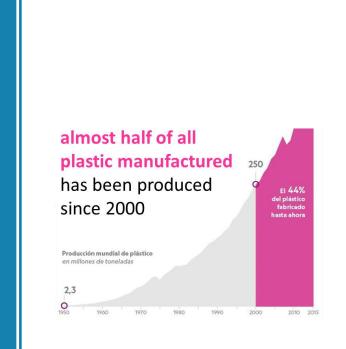


.....and then, 300 000 years ago, the Homo sapiens appeared

• Thus, we have 23,000 times less "experience" than the Earth











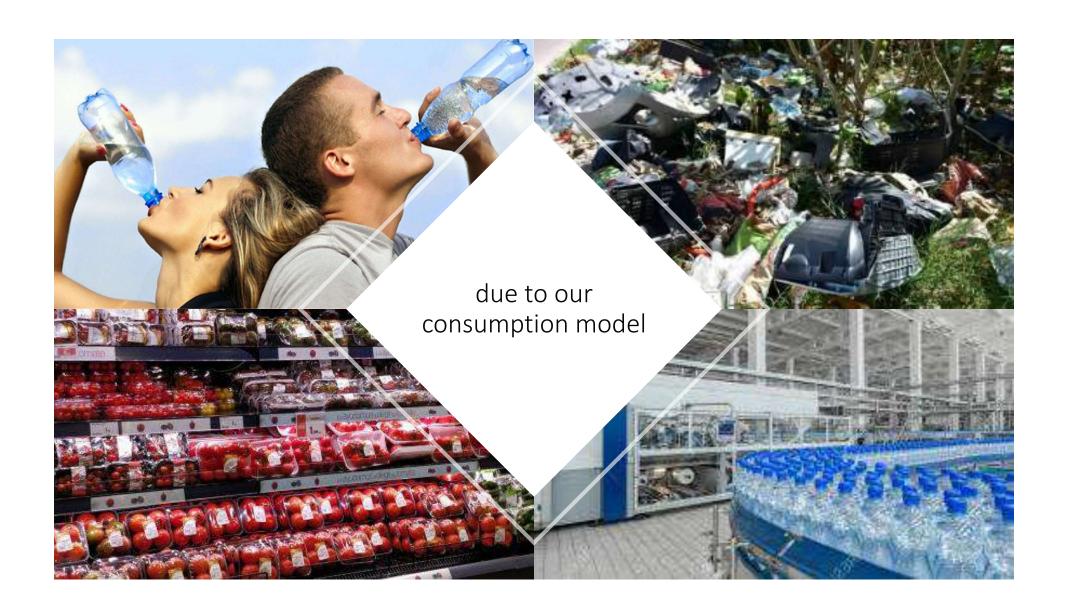
In the last 20 years, half of all plastic has been produced





Annually 9 billion tons of garbage are discharged into the oceans. Plastics make up 80%

50 % is packaging plastics





Each minute, One million bottles of water are sold. Which represent 25% of the marine litter









11% of the fishing catch comes from this region and

10% of the world's population lives there





It is the second sea most polluted by plastics in the world (UN)

Caribbean

Plastic pollution

Because one third of all waste ends up in clandestine landfills

85% of wastewater is not treated before reaching the sea

Microplastics



Where do they come from?

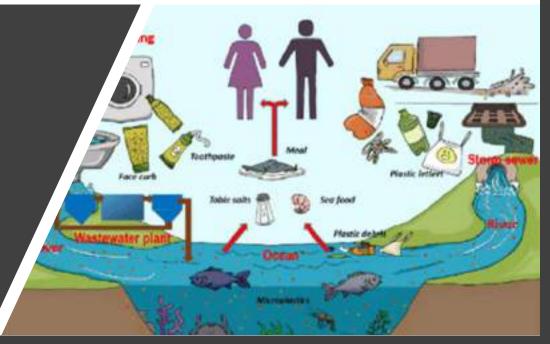
The Micro plastics come from:



Plastic fragmentation

• spheres produced by the industry that are incorporated into toothpastes and creams

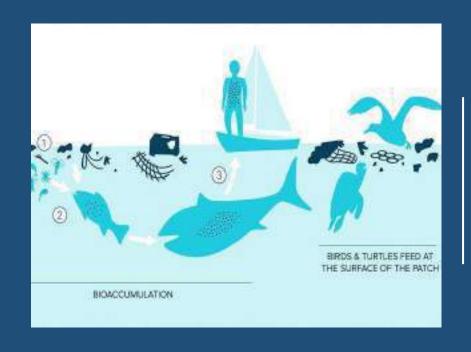


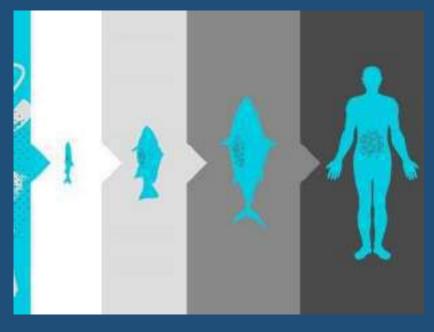


Plastic "does not disappear",



Biocumulation (POPs)



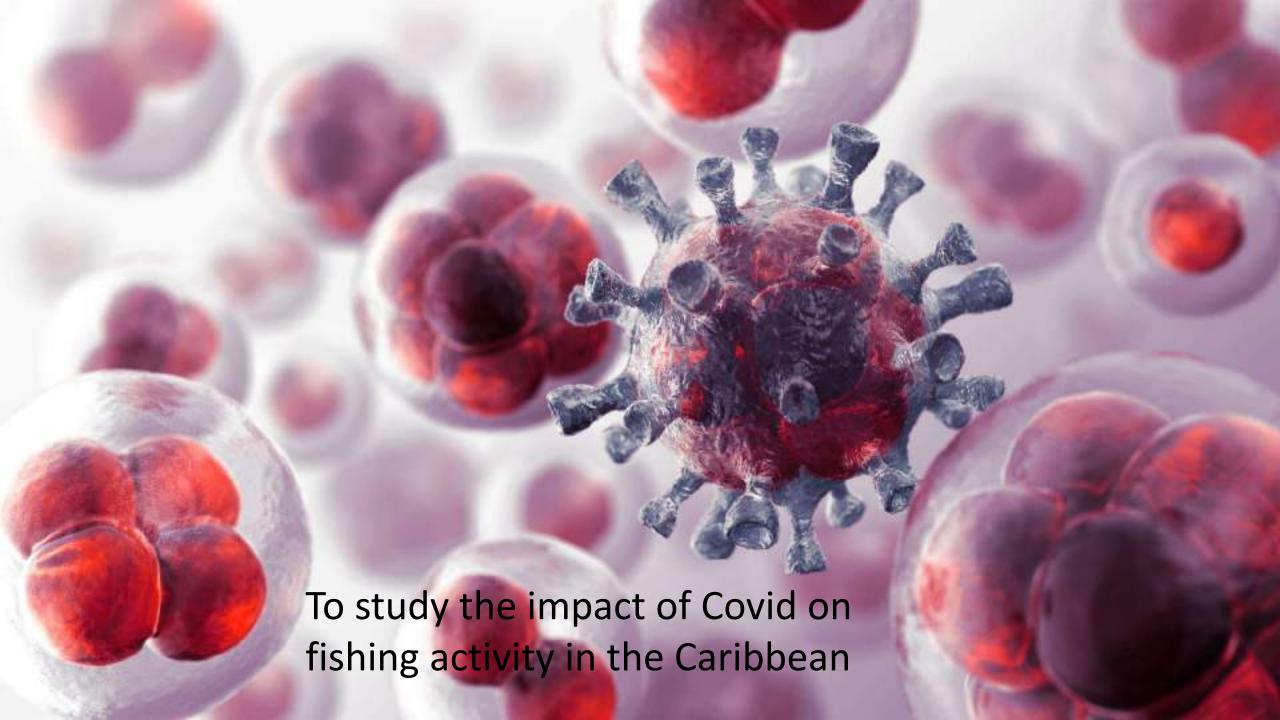




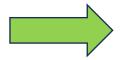
During Covid the use of plastics increased

Face masks,
Gloves,
Online shopping

In 2020, around 129 billion face masks and 65 billion gloves were used monthly around the world

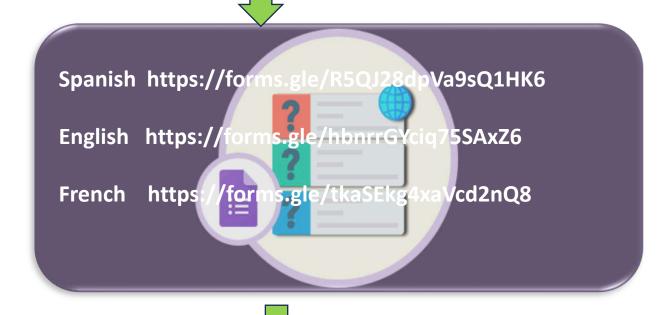


We carried out a survey with closed and open questions



30 closed questions (YES, NO) and 10 open questions

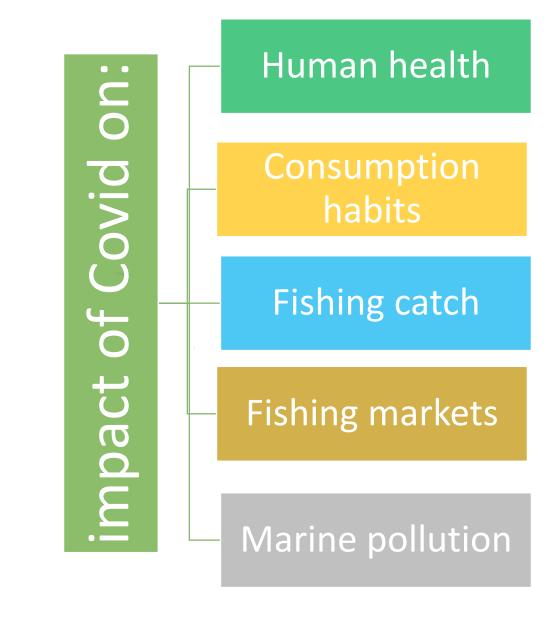
Google forms



sent to fishermen via wa

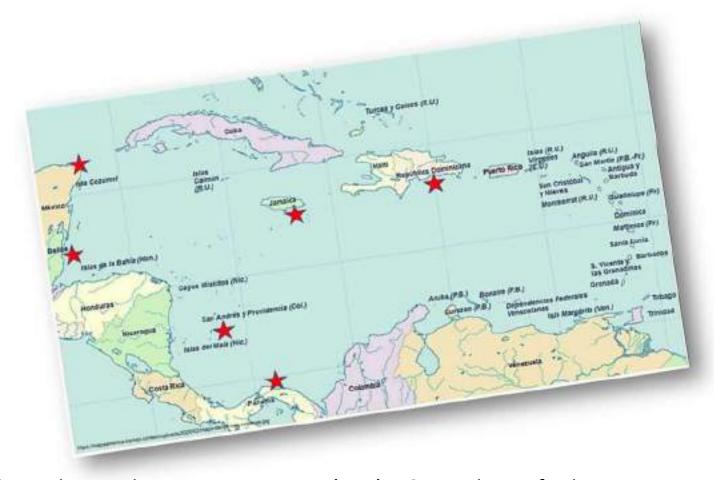


The survey had six topics



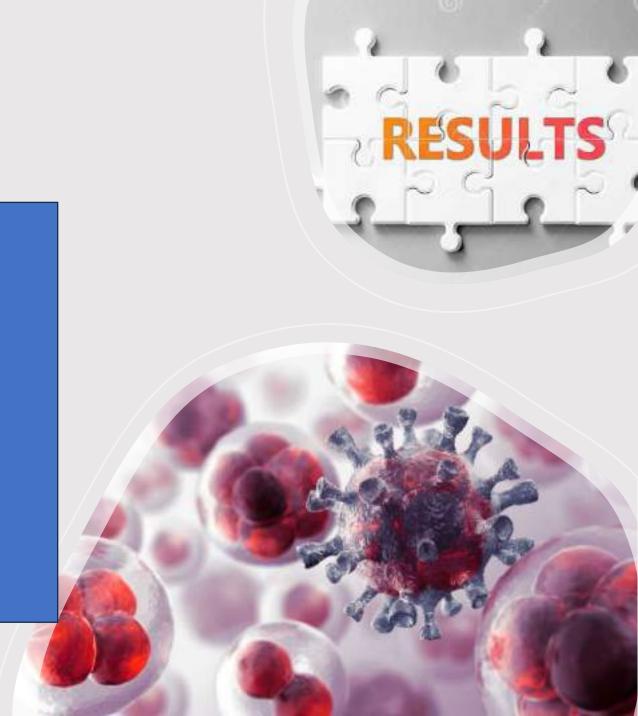
We obtained responses from 6 countries where at least 30 fishermen responded to the survey.

Belize **Dominican Republic Jamaica** Mexico **Panama** San Andrés Islands, Colombia

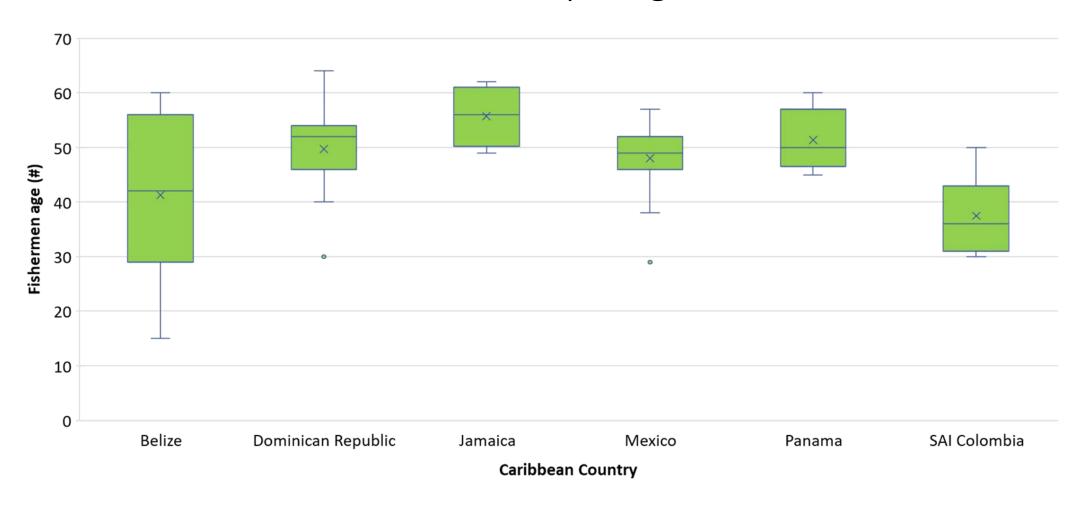


• Martha Enríquez, Jorge Trejo, Marcia Beltran, Trisha Forbes, Zedna Guerra, Ana María Frías & Hazel Oxenford

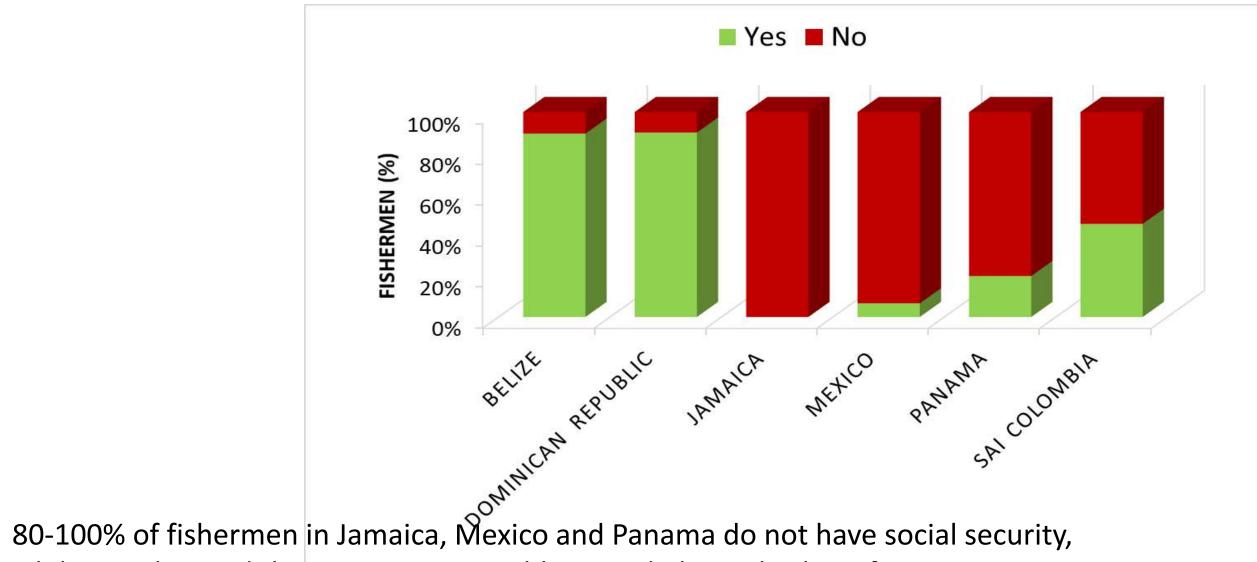
Effect of the COVID on Human Health



The average of fishermen was 50 and over in Dominican REP, Jamaica, Mexico and Panama. 40 in Belize and the youngest in SA

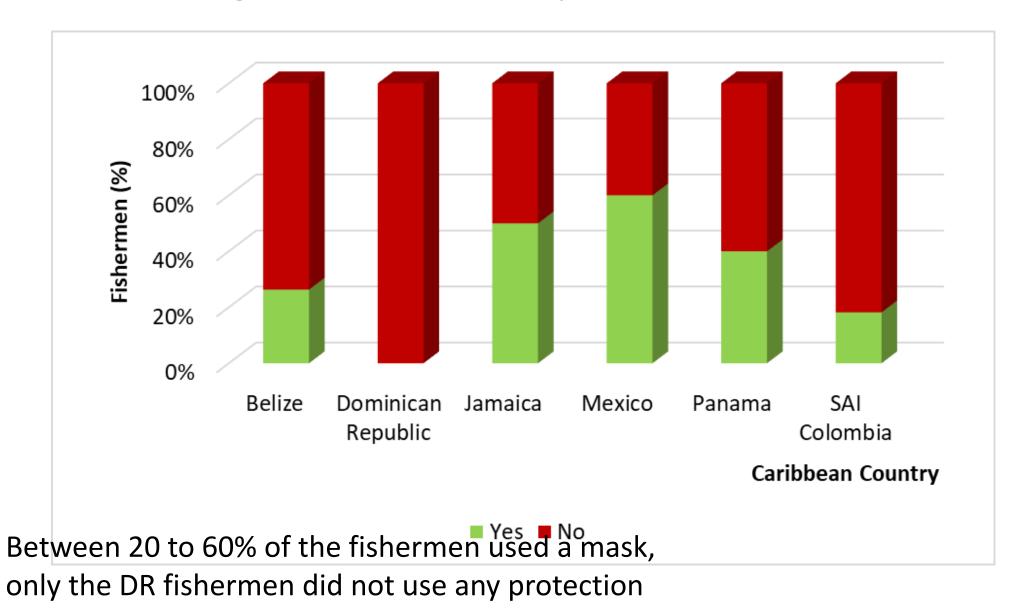


Have you social security?



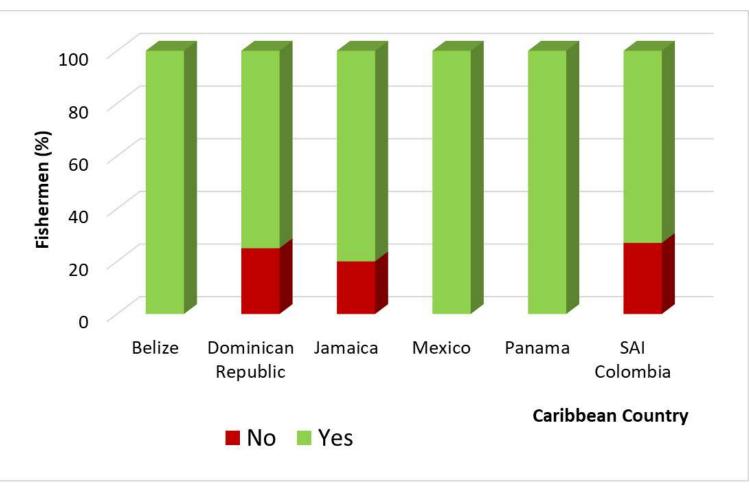
while in Belize and the Dominican Republic 90% do have this benefit. CARIBBEAN COUNTRY

During COVID time you used a face mask



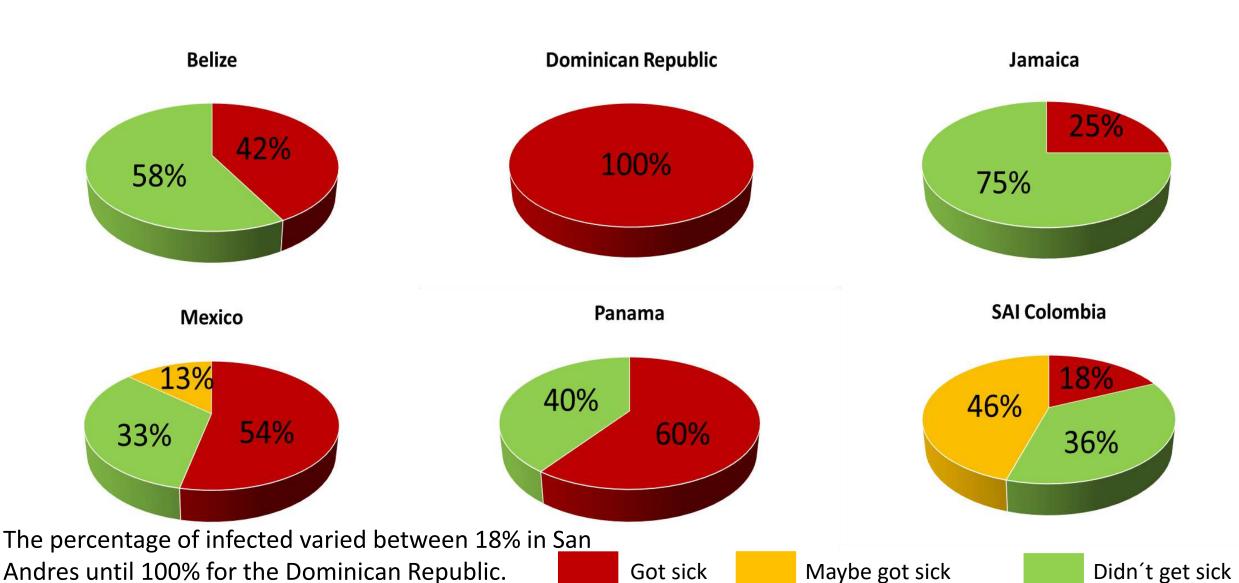
Have you Covid vaccination?



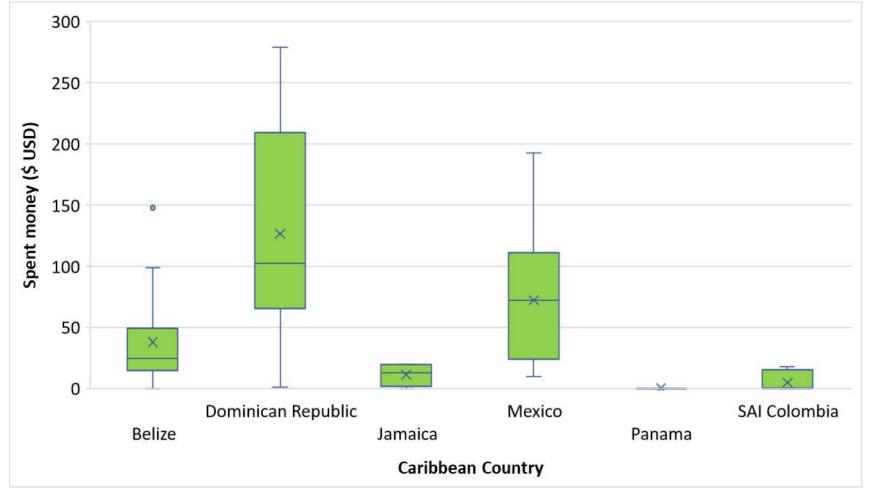


Almost all Caribbean fishermen received the covid vaccine, DR, Jamaica and San Andres only 80%

Fishermen infected by Covid-19



How much did you spend per week on anti-covid medications?



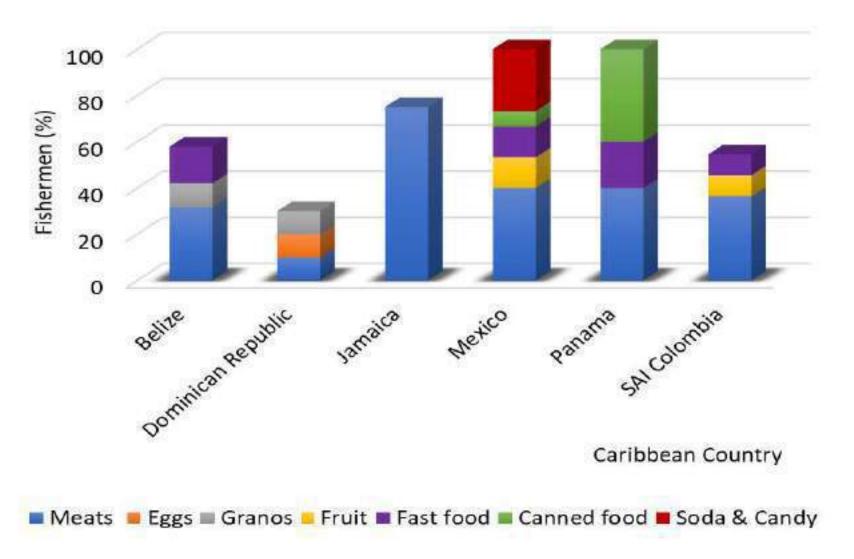
Fishermen in the Dominican Republic were the ones who spent the most, an average of 140 dollars per week

Fishermen of Jamaica, Panama and San Andres spent the least



Impact of consumption habits

What foods did you stop buying?



The product that fishermen generally stopped consuming was meat