

Scope 2: Fisheries employment and income

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Overview

In this section we characterize the top domestic, marine capture fisheries in Chile based on their impact on livelihoods. We use official records from SERNAPESCA and information from reports to evaluate the impact of specific fisheries on employment and income of those harvesting, processing and selling marine resources in Chile. We first address the direct and indirect impact on livelihoods via employment and then, via income for both the artisanal and the industrial sector in Chile.

Top domestic marine, capture fisheries based on employment

Artisanal sector

By 2017, there were 80,056 artisanal fishers officially registered along with 11,819 vessels (Maturana et al. (2017)). The number of women participating in the artisanal sector has been increasing and currently 23% of the registered fishers are women. Artisanal fishers are required to register in the official record known as RPA (by its acronym in spanish). The RPA holds information regarding the gender, date of birth, location and type of activities performed by each fisher (e.i. diver, fisher, boat owner, shore gatherer). Although detailed, the RPA does not provide information on the specific species targeted by each fisher. Thus, we cannot determine the contribution of particular species to artisanal fishers livelihoods. Nonetheless, we can combine information from the RPA with other data to get estimates.

Figure 1 shows the number of fishers in each region that perform a particular activity based on the 2018 RPA. Different activities are associated to different groups of species; fishers usually target pelagic and demersal species, although they can include benthic species too, divers target mostly benthic species, while gatherers tend to collect and harvest algae.

The artisanal sector generates employment beyond harvesting marine resources. After extraction, most resources are directly sold by the fishers in commercial facilities near their landing points, some are sold to local restaurants and (Figure of value chain). Estimates of employment for each stage associated to each species?

Industrial sector

Estimates from SERNAPESCA indicate that the operation of industrial vessels for fishing provide around 3,500 jobs in Chile. The industrial sector also includes processing facilities of marine products, in which there are around 4,200 permanent employees and around 20,200 espoardic job positions estimated in 2017.

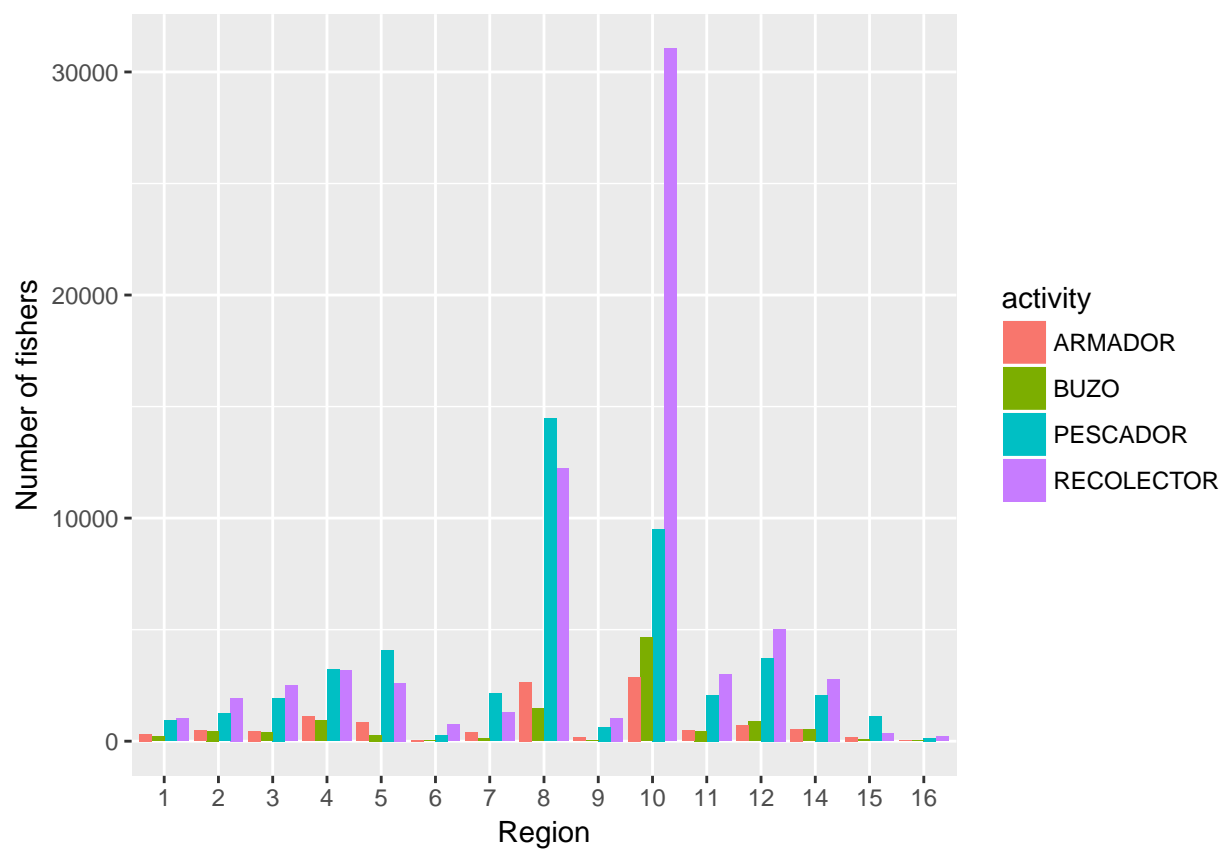


Figure 1: Number of fishers participating in different activities in each Chilean region based on official national records from SERNAPESCA (RPA 2018). A single fisher can be register under multiple activities.

Top domestic marine, capture fisheries based on employment

Artisanal sector

Industrial sector

Cited literature

Maturana, P.B., González, J.M.B., and Coddou, A.B. (2017). Mujeres y Hombres en el Sector Pesquero y Acuicultor de Chile (SUBPESCA, SERNAPESCA; Direccion de Obras Portuarias Chile).