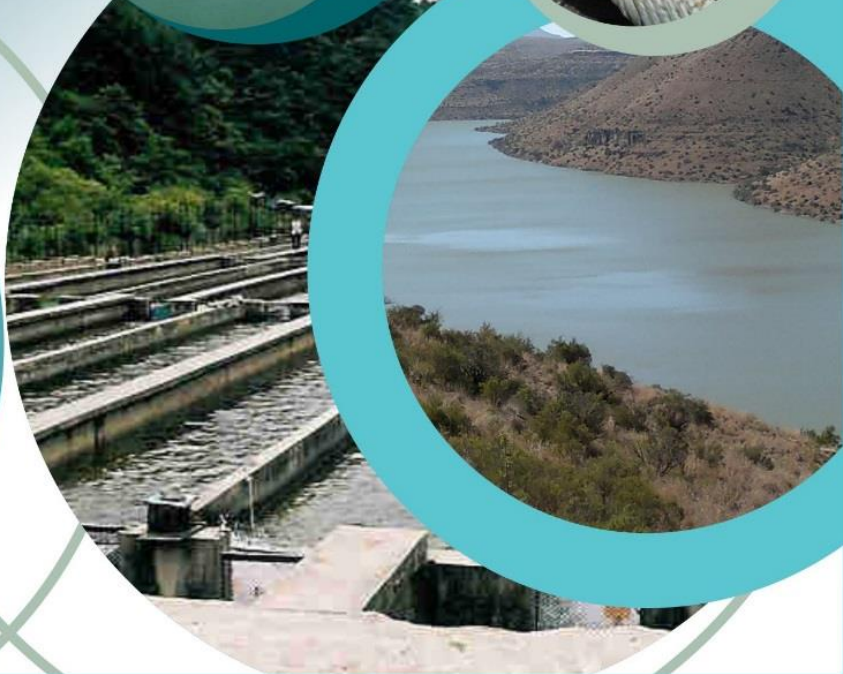


2019

Strategic Environmental Assessment for Marine and Freshwater  
Aquaculture Development in South Africa

# APPENDIX C-7

## Aquaculture Facilities Database



# **Strategic Environmental Assessment for Aquaculture Development in South Africa**

## **AQUACULTURE FACILITIES DATABASE**

# CONTENTS

<b>1</b>	<b>PURPOSE OF THIS DOCUMENT</b>	<b>3</b>
1.1	TOTAL NUMBER OF AQUACULTURE FACILITIES PER PROVINCE	4
1.2	NUMBER OF MARINE AND FRESHWATER AQUACULTURE FACILITIES PER PROVINCE	5
1.3	STATUS OF MARINE AND FRESHWATER AQUACULTURE FACILITIES PER PROVINCE	6
1.4	STATUS OF MARINE AQUACULTURE FACILITIES PER CATEGORY SPECIES	7
1.5	STATUS OF FRESHWATER AQUACULTURE FACILITIES PER CATEGORY SPECIES	8
1.6	TOTAL NUMBER OF FRESHWATER AQUACULTURE FACILITIES PER CANDIDATE SPECIES	9
1.7	TOTAL NUMBER OF MARINE AQUACULTURE FACILITIES PER CANDIDATE SPECIES	10

## 1 PURPOSE OF THIS DOCUMENT

The SEA has attempted to source available information on new and existing marine and freshwater aquaculture facilities in South Africa, including their location, aquaculture species, production type, production capacity and operational status, from the relevant national and provincial authorities. The objective was to verify the mapping of the known facilities based on the availability of existing spatial data and permitting or licensing records.

For the marine aquaculture facilities, available information was sourced from the National Marine Rights Register dated February 2019. This register was obtained from the National Department of Environment, Forestry and Fisheries (DEFF) and was found to be a fairly accurate reflection of existing marine aquaculture facilities located in the four coastal provinces of South Africa.

For the freshwater aquaculture facilities, available information was sourced from a facilities database dated September 2019 that was also obtained from National DEFF. This information is based on a collation of facility registration and permitting records sourced from the relevant provincial authorities. However, the information contained in this database was found to be grossly incomplete and some inaccurate, hence is not a reliable reflection of existing freshwater aquaculture facilities located in South Africa at present.

Summary analyses of the respective data sources are presented in Figure C-7.1 to C-7.7 below.

### 1.1 Total number of aquaculture facilities per province

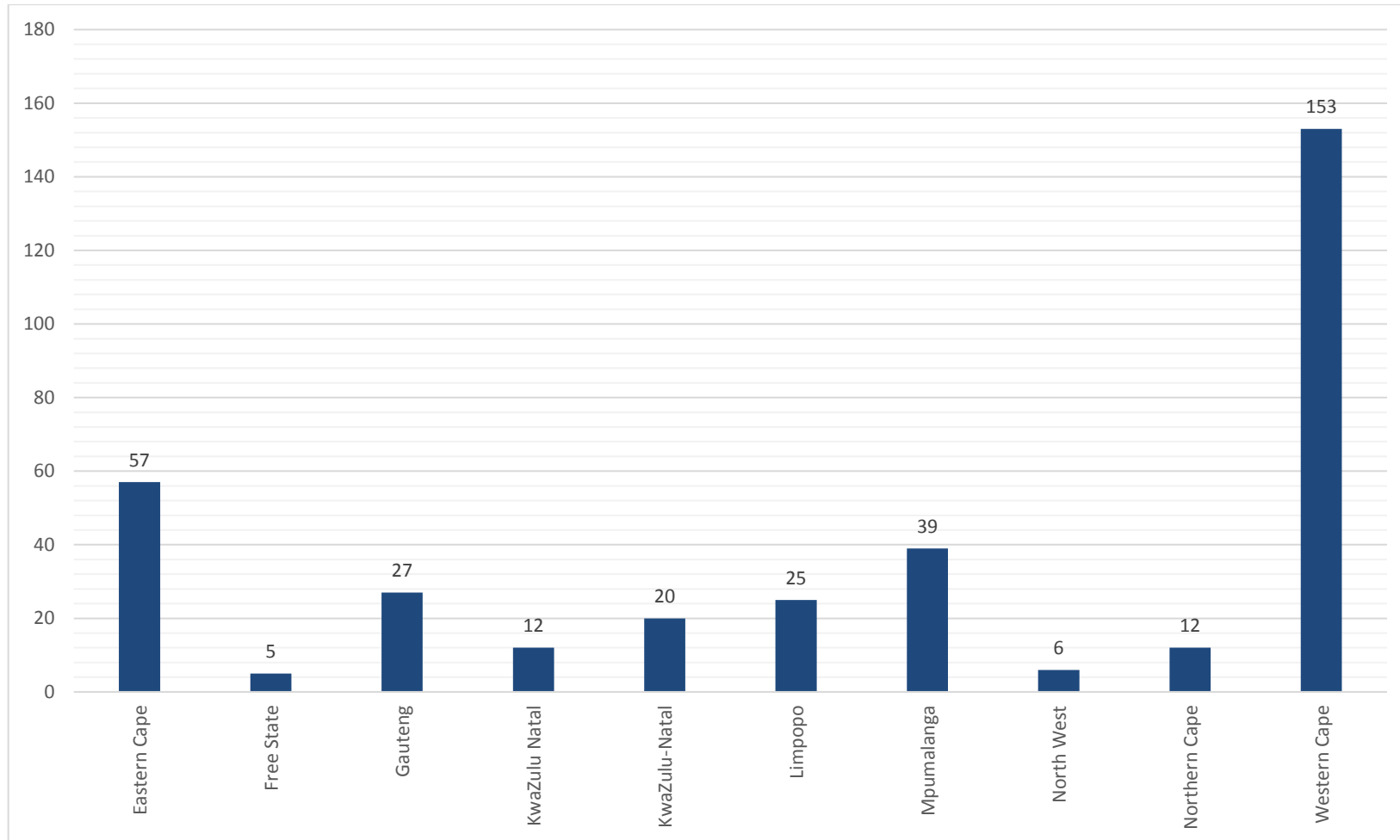


Figure C-7.1: Total number of aquaculture facilities per province (Source: DEFF, September 2019).

### 1.2 Number of marine and freshwater aquaculture facilities per province

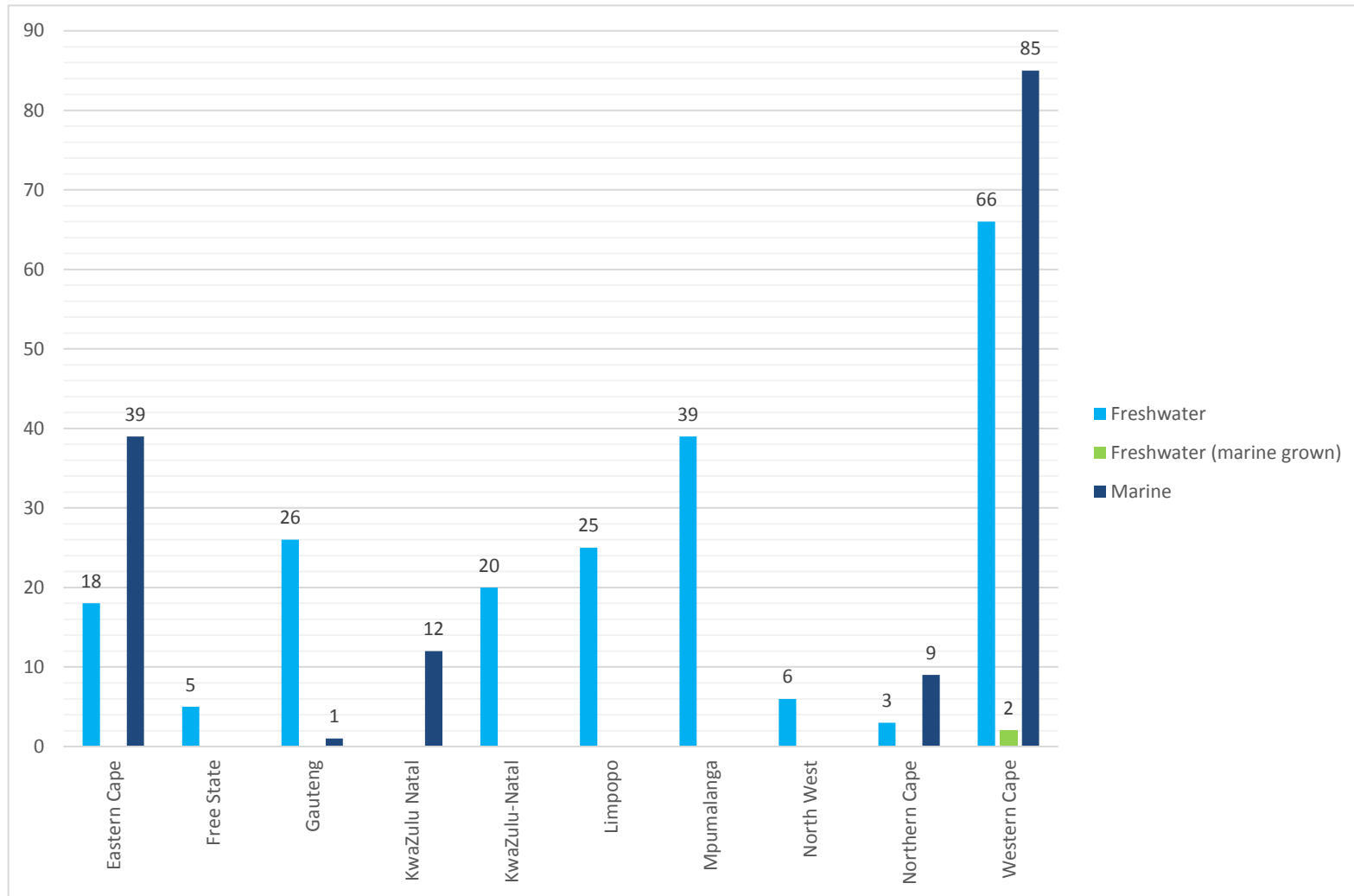


Figure C-7.2: Number of marine and freshwater aquaculture facilities per province (Source: DEFF, September 2019).

### 1.3 Status of marine and freshwater aquaculture facilities per province

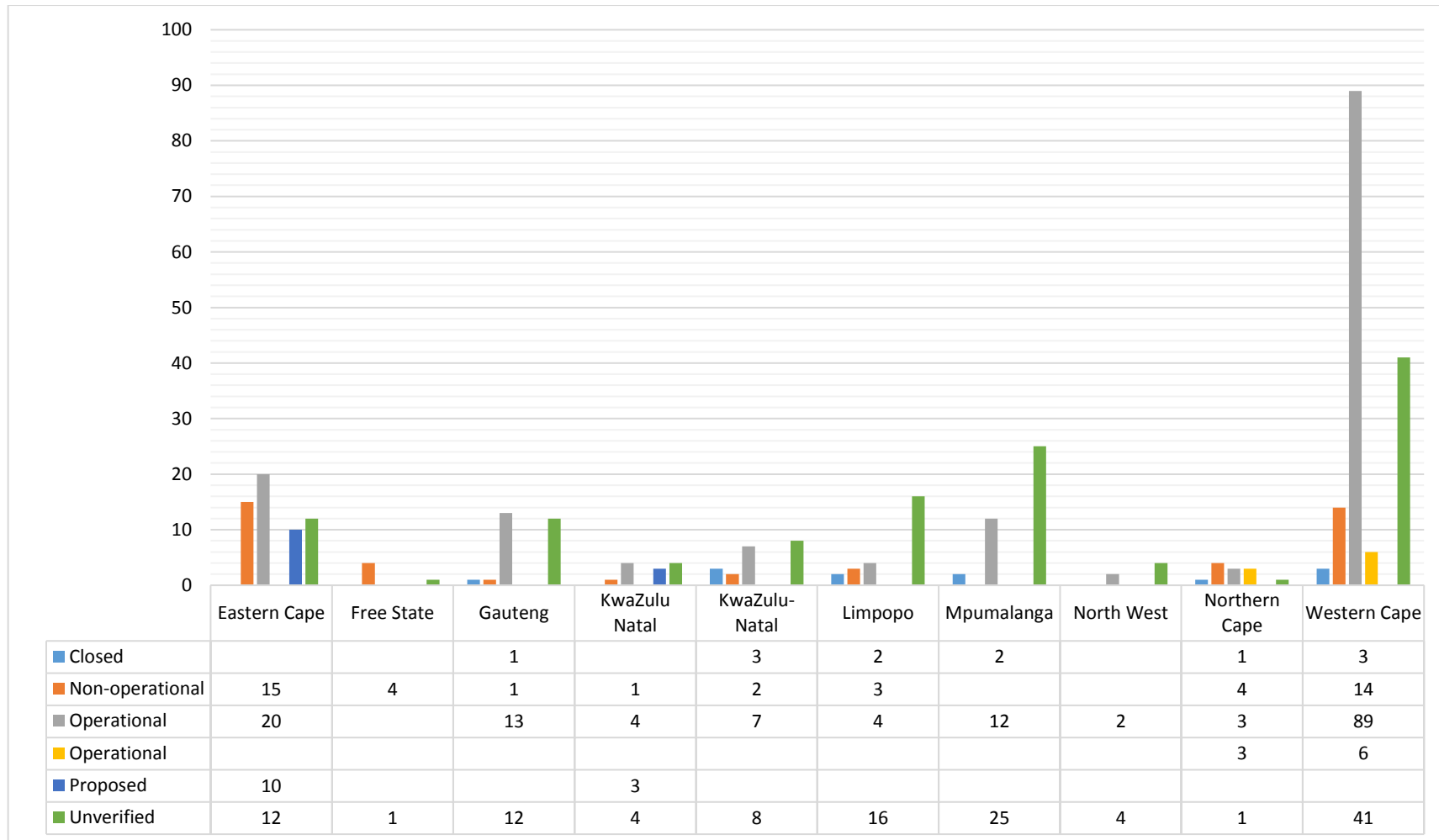


Figure C.7-3: Operational status of marine and freshwater aquaculture facilities per province (Source: DEFF, September 2019).

1.4 Status of marine aquaculture facilities per category species

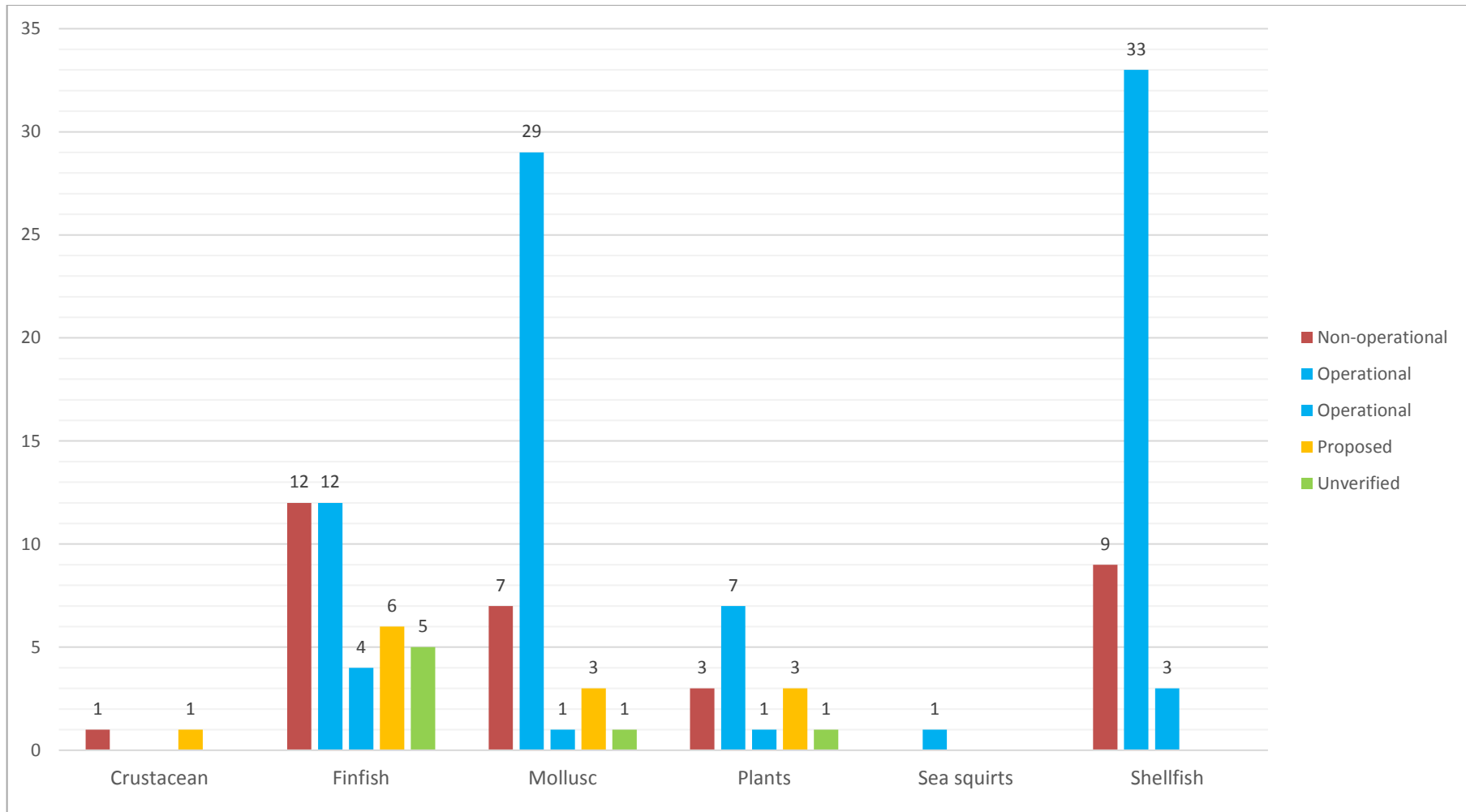


Figure C.7-4: Operational status of marine aquaculture facilities per category species (Source: DEFF, September 2019).



1.5 Status of freshwater aquaculture facilities per category species

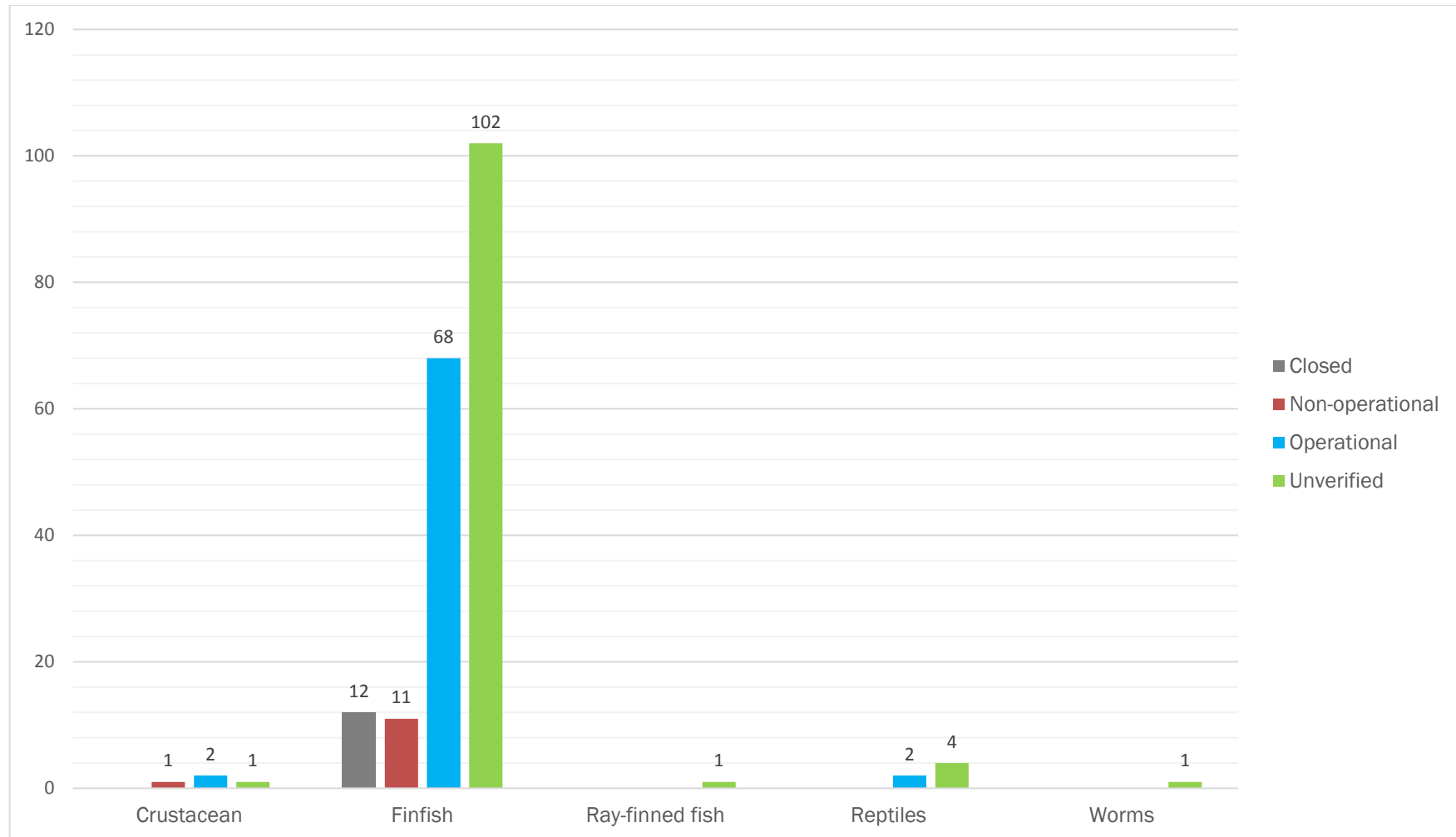


Figure C.7-5: Operational status of marine aquaculture facilities per category species (Source: DEFF, September 2019).

### 1.6 Total number of freshwater aquaculture facilities per candidate species

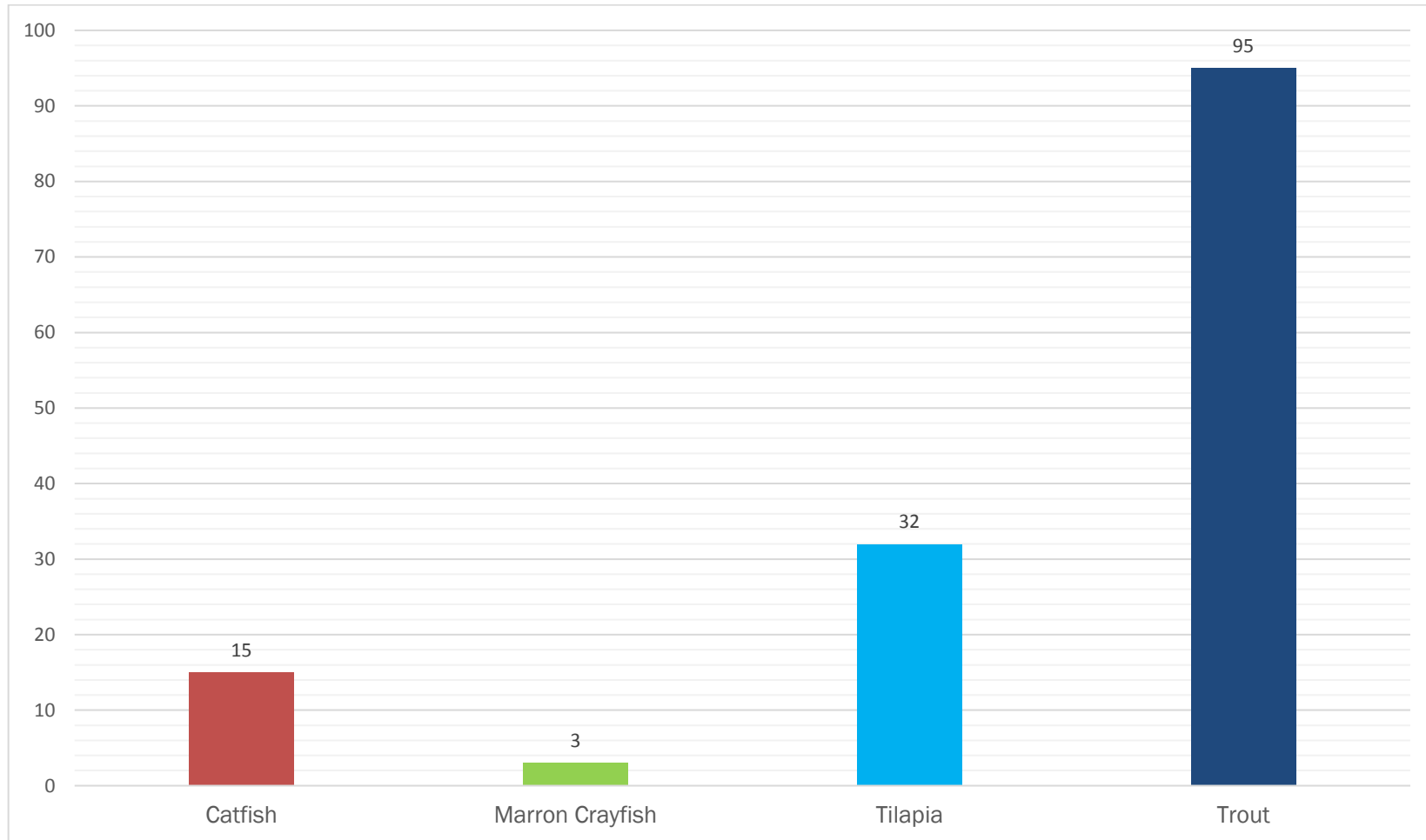


Figure C.7-6: Total number of freshwater aquaculture facilities per candidate species (Source: DEFF, September 2019).

### 1.7 Total number of marine aquaculture facilities per candidate species

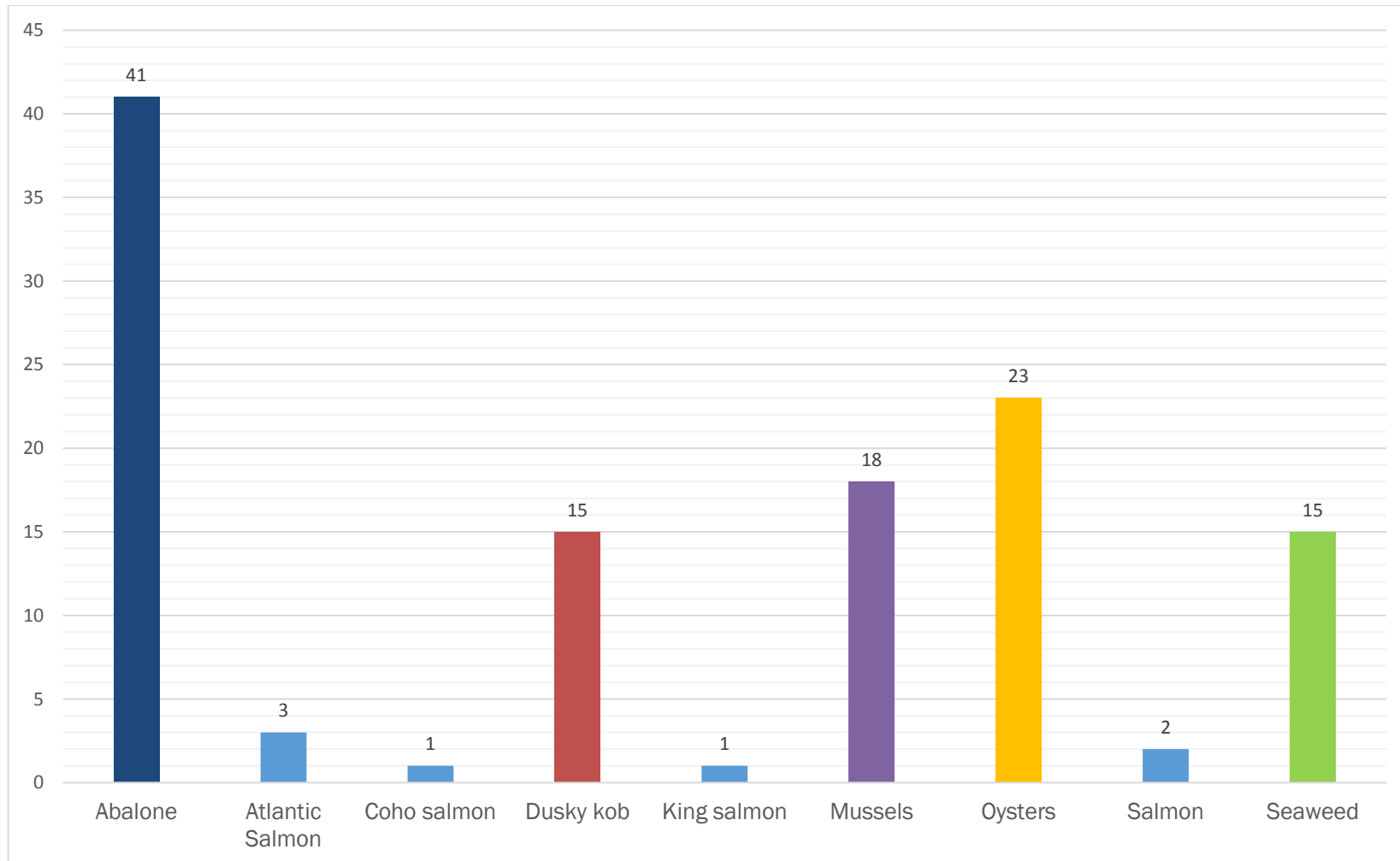


Figure C.7-7: Total number of marine aquaculture facilities per candidate species (Source: DEFF, September 2019).