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Bahrain has a growing agriculture sector, which includes crop and animal production, forestry, fishing and aquaculture. The country has focused on agriculture and fisheries to achieve food security by developing a long-term strategy to develop these areas. Bahrain has long been an important trading hub and its natural resources, such as date palms, are valuable to the region. The agriculture sector has grown with activities such as vegetable gardens, poultry production and dairy farms that adapt to consumer demand.



## Sector Opportunities & Trends

### 01. Increased focus on sustainable agriculture

Sustainable agriculture is becoming increasingly important as the world population grows and resources become scarcer. Vertical farming, hydroponics, urban agriculture, crop rotation, integrated pest management and conservation tillage are but a few practices driving sustainable agriculture efforts.

### 02. Organic and specialized farming

Changing demographic trends and technological advancements are delivering new innovations in the field of agriculture. For example, changes in lifestyles, dietary habits and food preferences have increased the local demand for organic and specialized produce such as those that are dairy-free and gluten-free.

### 03. Climate-resilient crops

Achieving global food security amid climate change requires intensive research efforts. There is still uncertainty concerning the resilience of plants, soils and associated microbes to climate change. Research is needed for the adoption and promotion of resilient crops for climate risk mitigation and import substitution.

### 04. Food processing and packaging

Connecting farmers with businesses can provide packaging and branding solutions tailored to their needs. Additionally, there are opportunities to use byproducts and waste from food production to create export-ready goods, including agro-based processing that can yield valuable compounds such as proteins, lipids, starch and dietary fibers. Byproducts such as bran, seeds, shells and fruit peels can also be transformed into marketable goods or foodstuffs.

### 05. Aquaculture

With its advantageous climate, location and market, Bahrain holds significant potential for fish farming. The country offers a variety of aquaculture activities, with a wide range of aquatic species available for cultivation. Bahrain could also tap into the market for the production of fish feeds, as currently, only Saudi Arabia is active in that space within the Gulf Cooperation Council (GCC).

### 06. Digitalization and advanced analytics

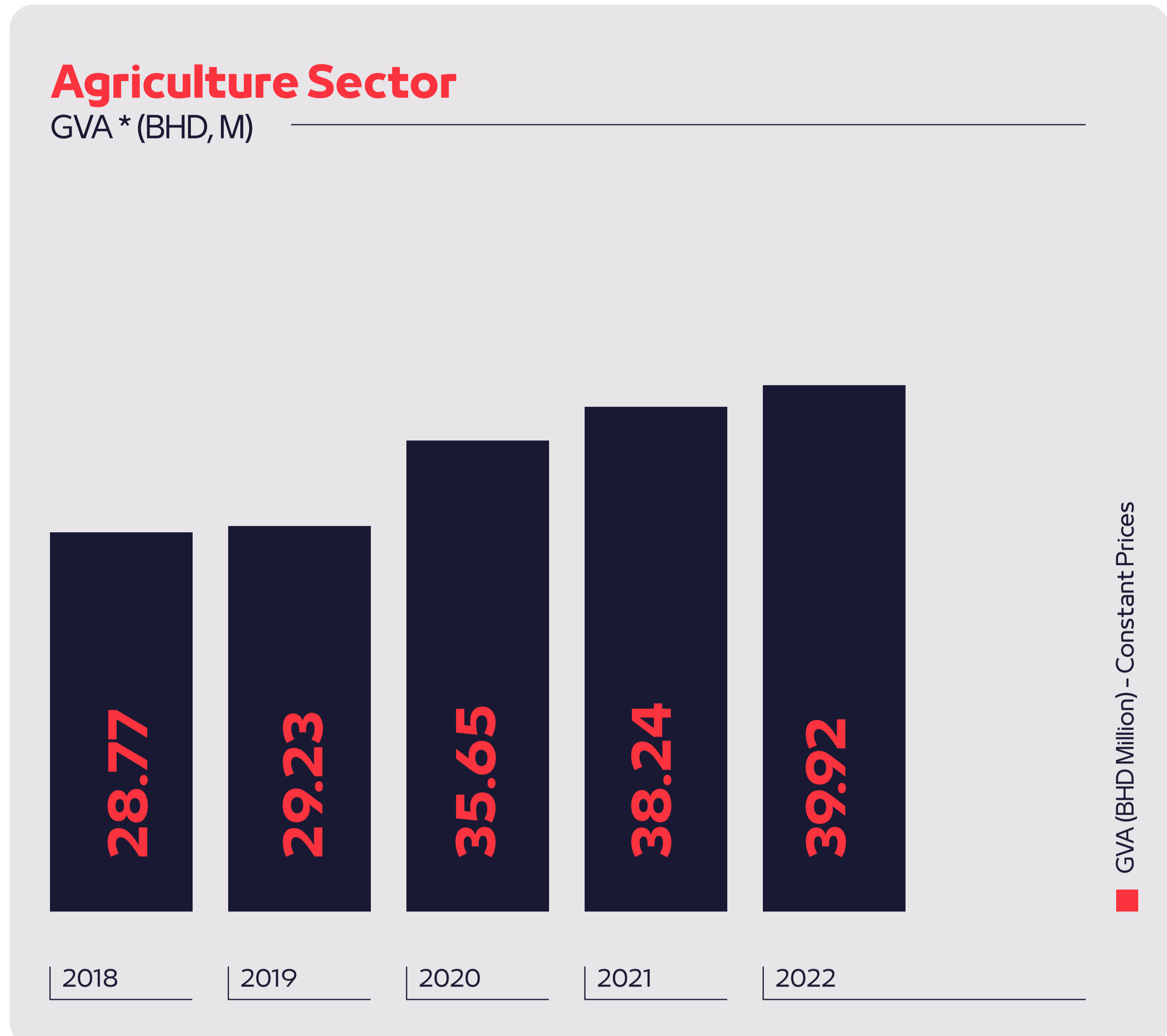
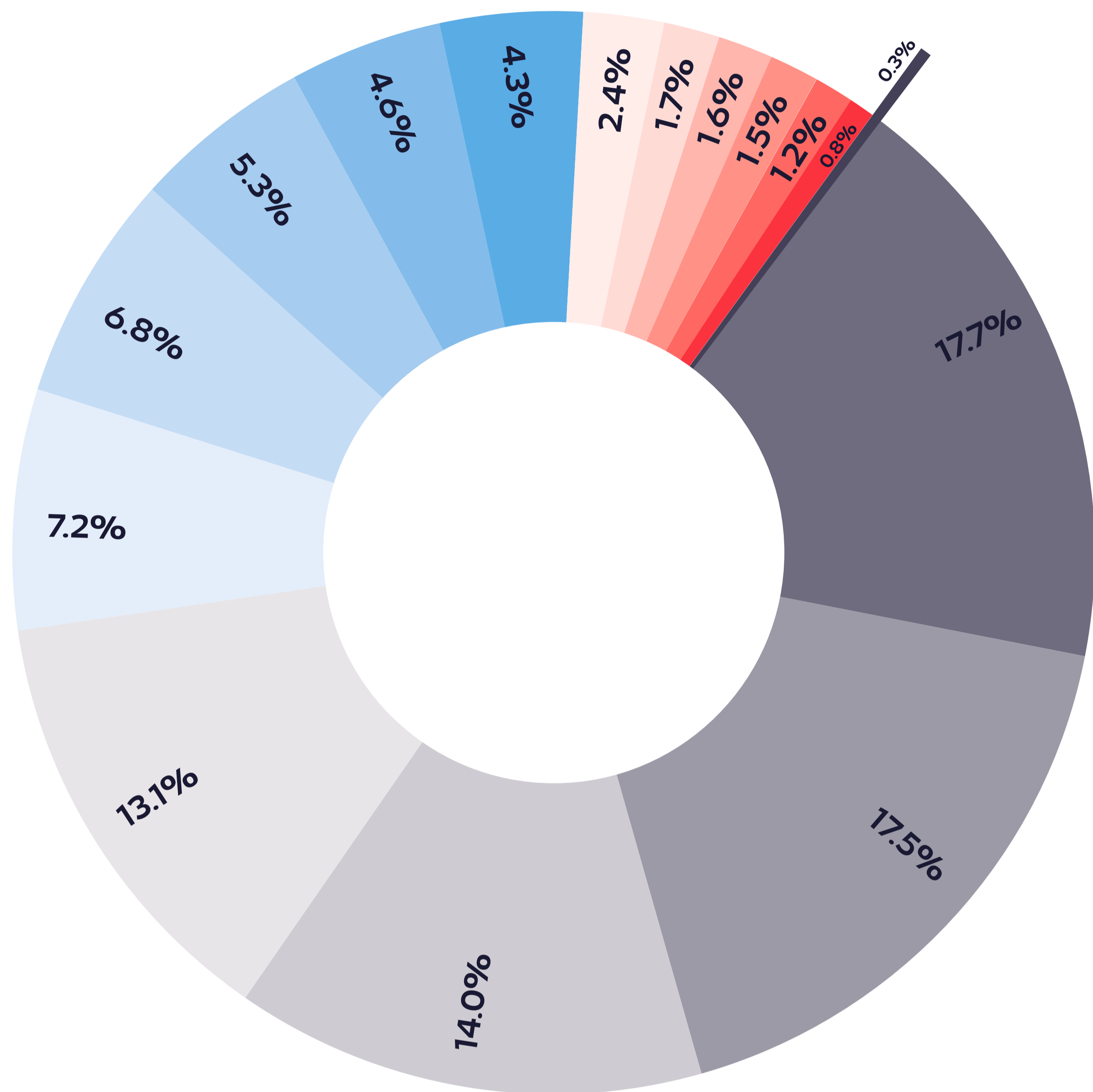
The agriculture sector needs to adopt the right level of digitalization to keep up with increasing demand for food. This means using technology such as Artificial Intelligence (AI), analytics and connected sensors to enable farmers to increase yields, improve resource efficiency and build sustainability and resilience across crop cultivation.

# Agriculture Sector Economic Indicators

## iGA-National Accounts, Q4-2022

### Agriculture Sector Contribution to Real GDP

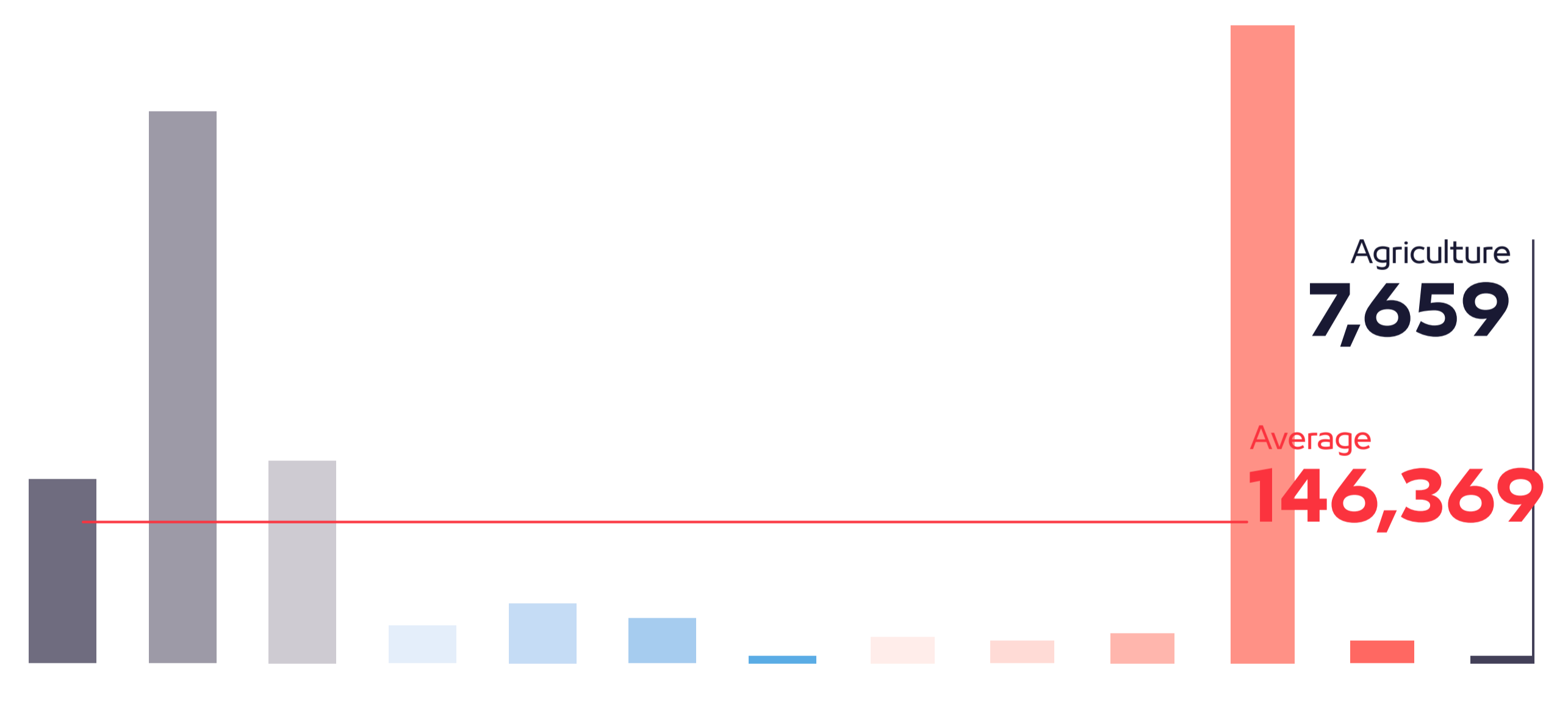
(%, Q4 2022)



Mining & Quarrying	17.7%	Trade	4.3%
Financial Corporations	17.5%	Private Education Services	2.4%
Manufacturing	14.0%	Hotels & Restaurants	1.7%
Government Services	13.1%	Other Social & Personal Services	1.6%
Construction	7.2%	Electricity & Water	1.5%
Transport and Communication	6.8%	Private Health Services	1.2%
Real Estate & Business Activities	5.3%	Others**	0.8%
Net tax on Products	4.6%	Agriculture & Fishing	0.3%

### GVA per company

(BHD, Q4 2022)



\*Gross Value added (GVA) measures the value of goods and services produced in an area, industry or sector of an economy  
 \*\*Others includes (Private Non-Profit Institutions, Households with Employed Persons)

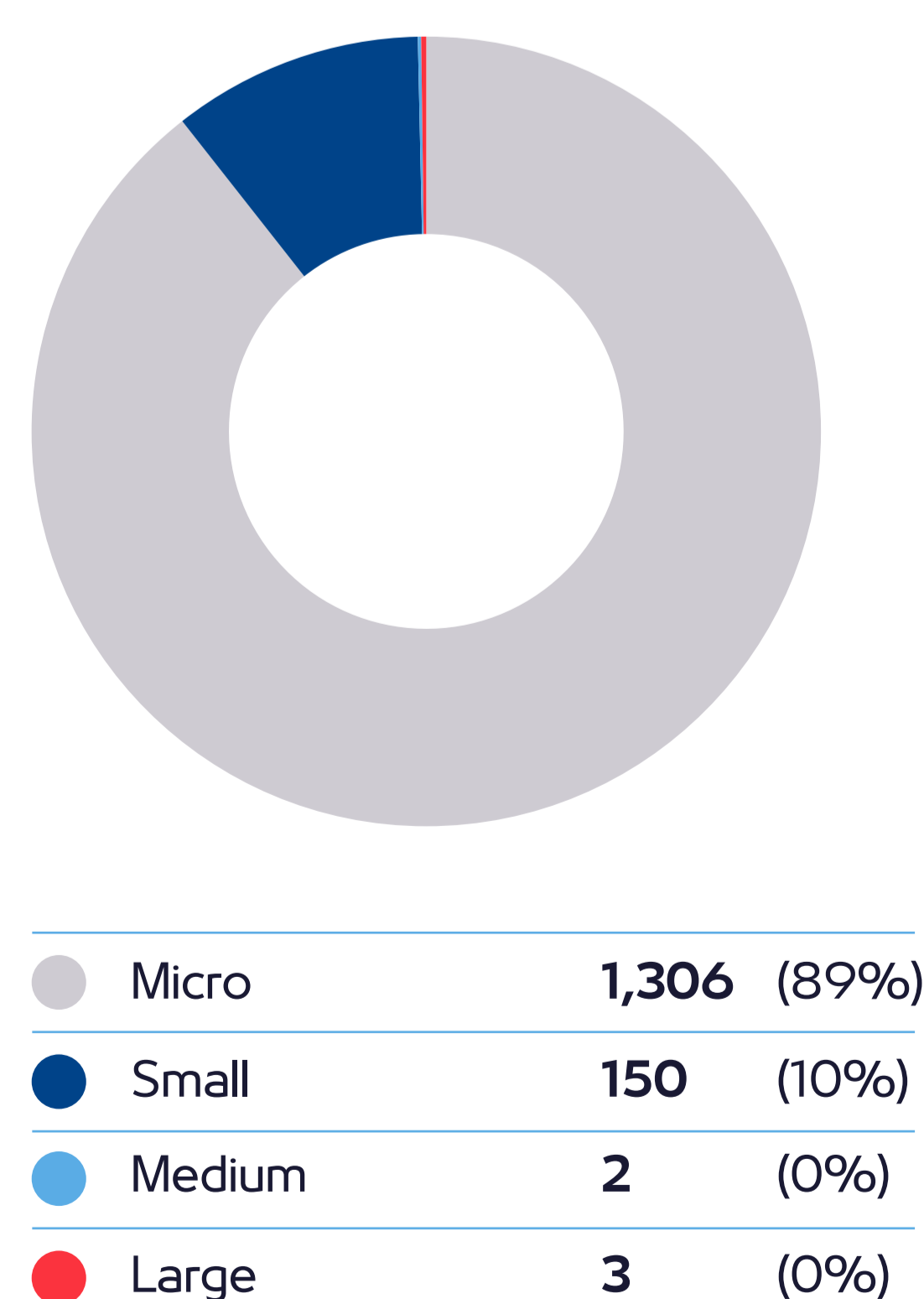
### Agriculture Services Sector Enterprises

LMRA, 2022 - BLMI

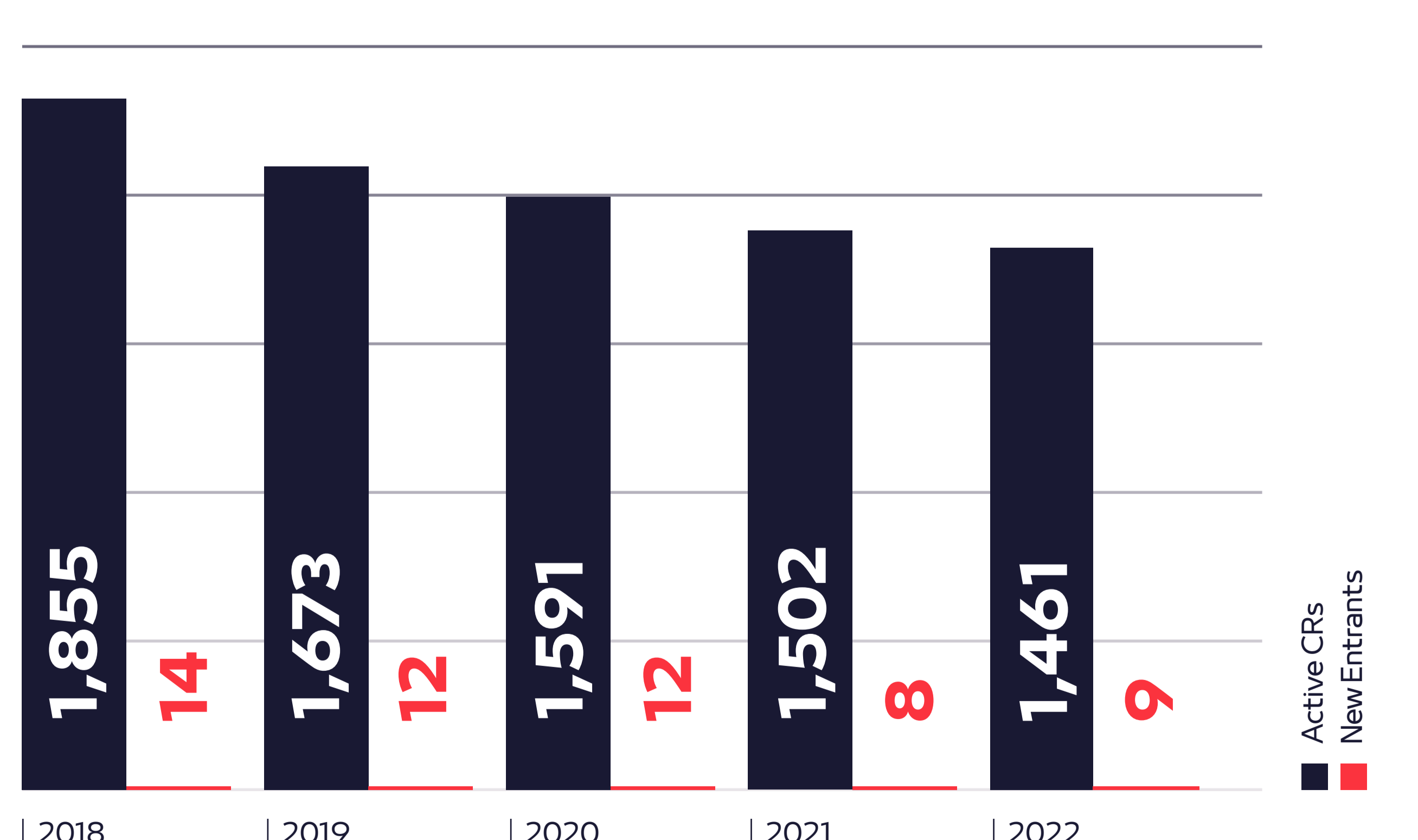
**1,461**  
Active CRs

**2%**  
of total Active CRs in Bahrain

### Agriculture Sector by Enterprise Size (%, Q4 2022)

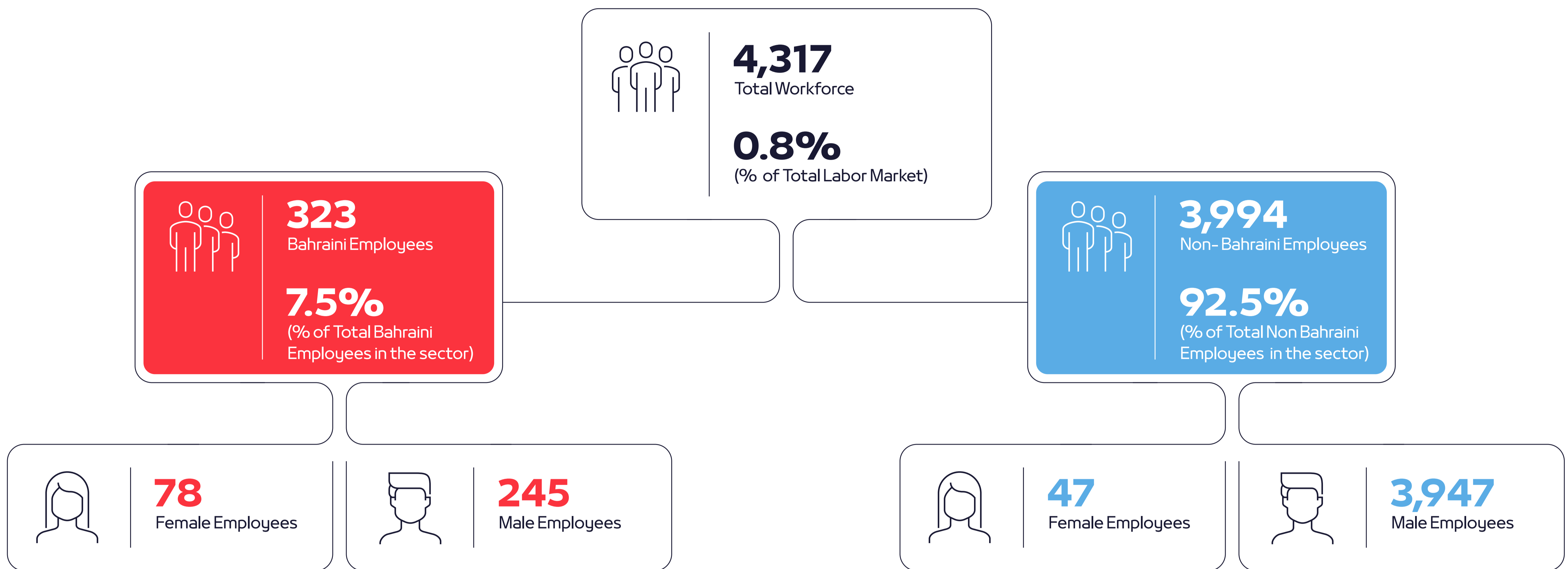


### Agriculture Sector Active Commercial Registrations (2018 - 2022)

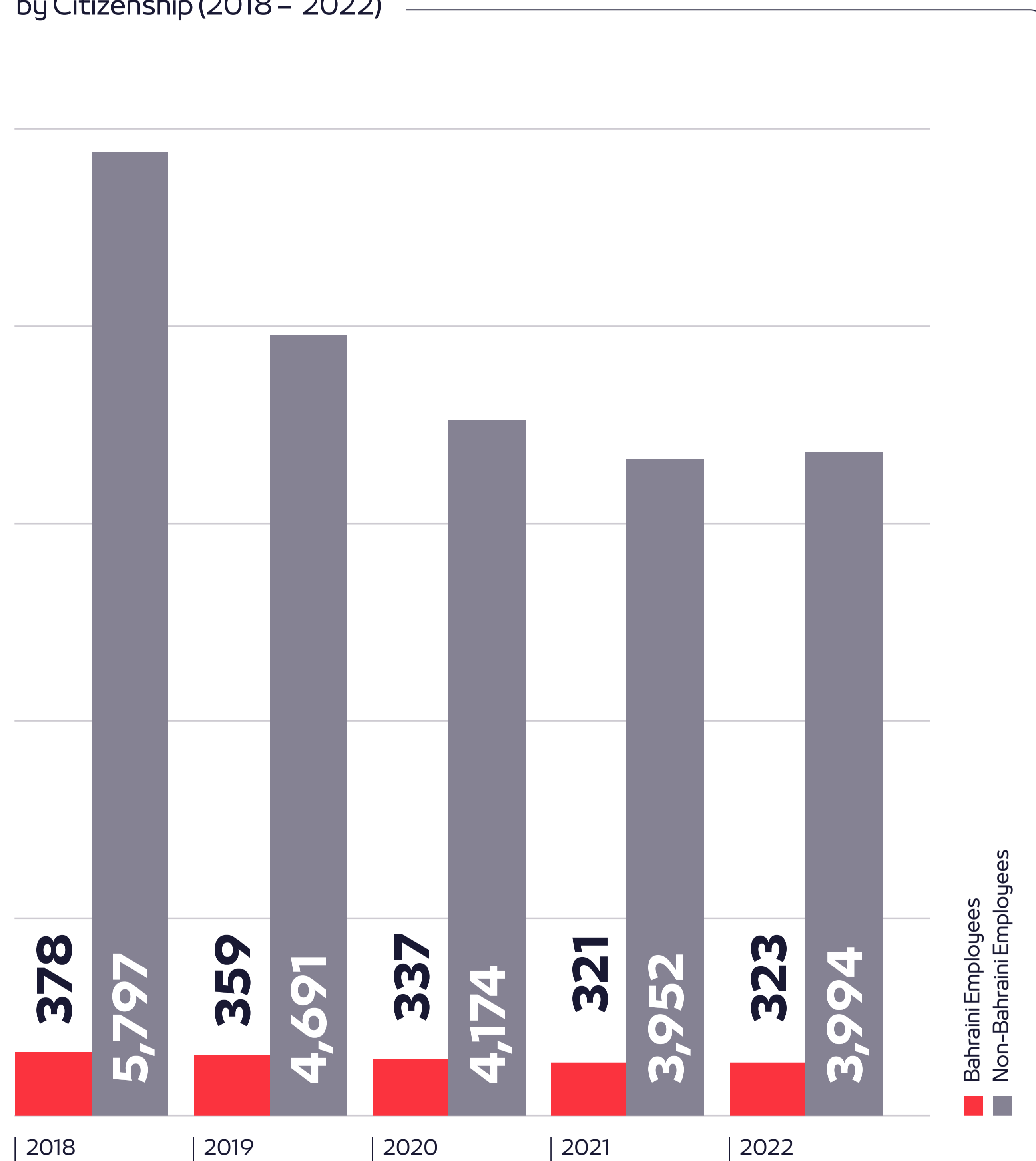


# Agriculture Sector Employment

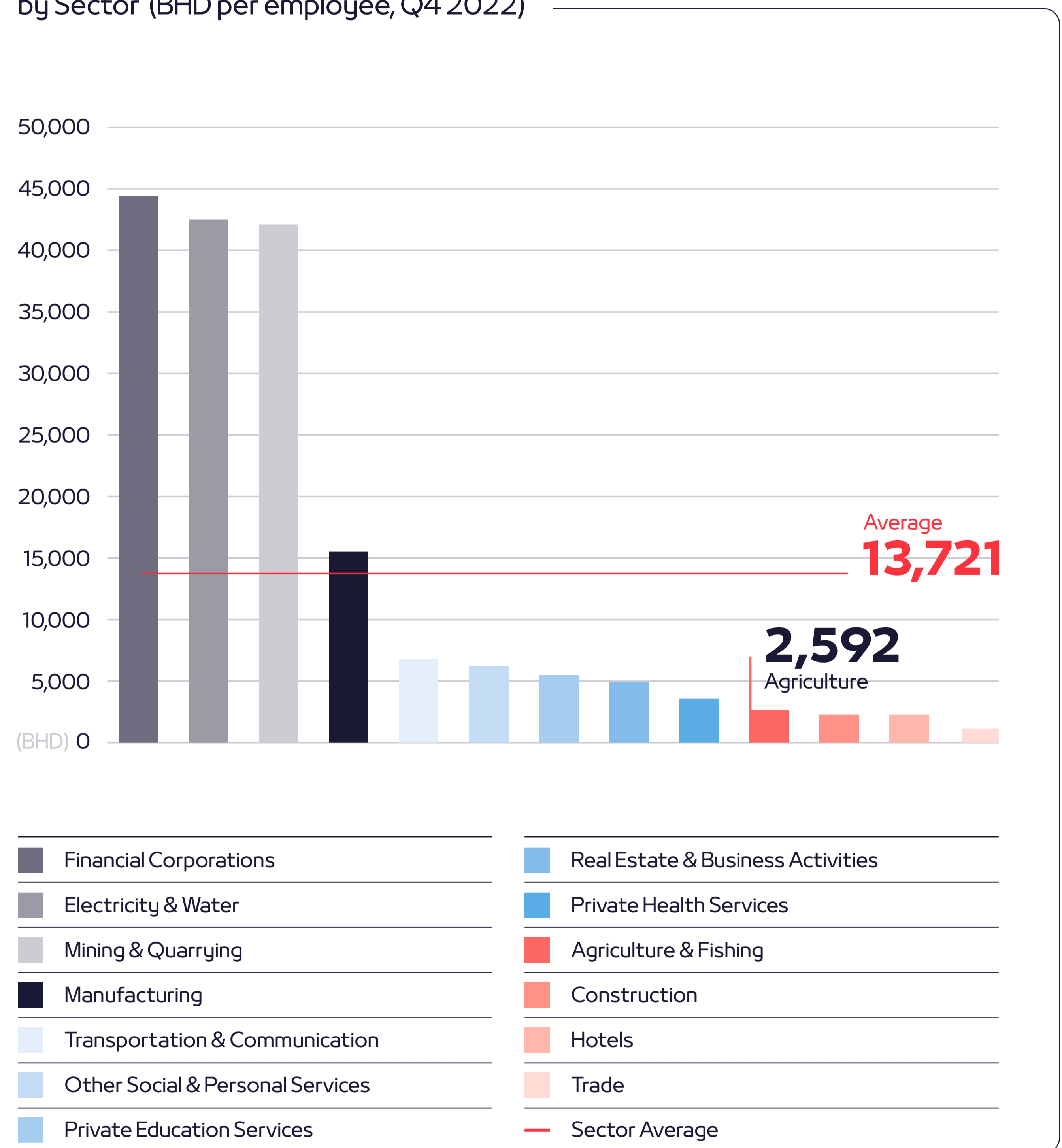
LMRA, Q4 2022- BLMI / iGA-National Accounts



## Agriculture Sector Employees by Citizenship (2018 - 2022)



## Agriculture Sector Labor Productivity by Sector (BHD per employee, Q4 2022)



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