

# Financial Inclusion in Agriculture in Peru: Credit, Banking & Insurance

Intro

Credit Requested vs  
Obtained by Location

Purpose of the Credit  
vs Credit Providers

Banking & Insurance

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### Research Purpose

The purpose of this research is to spark a discussion on Peruvian farmers' access to credit, banking (savings accounts) and insurance, focusing on six key questions:

1. How many Peruvian farmers have applied for credit?
2. How many Peruvian farmers have successfully obtained credit?
3. What purposes do Peruvian farmers request credit for?
4. Which financial institutions provide credit to Peruvian farmers?
5. How many farmers have a savings account?
6. How many farmers have access to insurance?

### Data Source

This research utilizes official public data sourced from the transparency portal of the National Institute of Statistics and Informatics of Peru (INEI). The data was collected through the National Agricultural Survey of Peru, covering the years 2017, 2018, and 2019.

### Data Processing

The data was extracted from ZIP archives (via URLs), with the columns mapped and converted into CSV files using Python. Further data cleaning and structuring into final datasets was conducted in Power BI (my preferred tool for data wrangling) to ensure data integrity. Data exploration, visualization, and analysis were performed using Tableau.

### Research Target

The primary audience for this research includes public policy makers, financial institutions, and academic researchers.

### Research Outcome

The results are actionable and are intended to serve as a foundation for developing a machine learning random forest model to predict access to financing for Peruvian farmers at the district level.

### Geo-Spatial Analysis

The accompanying Tableau package includes a dataset with full geo-spatial analysis capabilities (area, altitude, latitude, and longitude) at the district level, covering the entirety of Peru.



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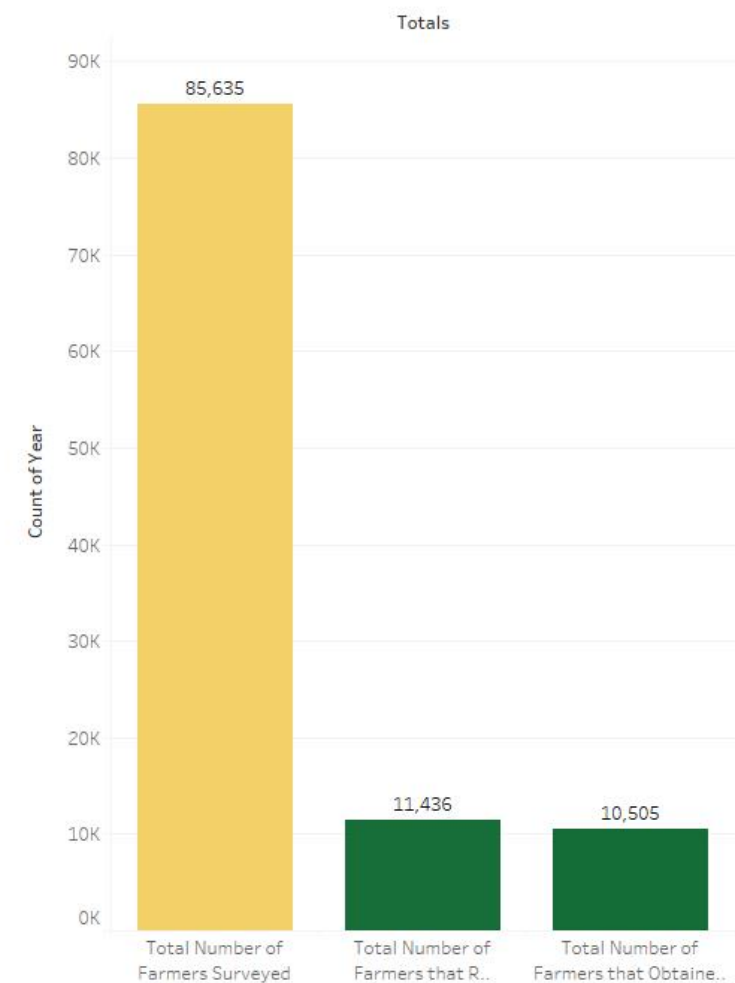
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Region  
All

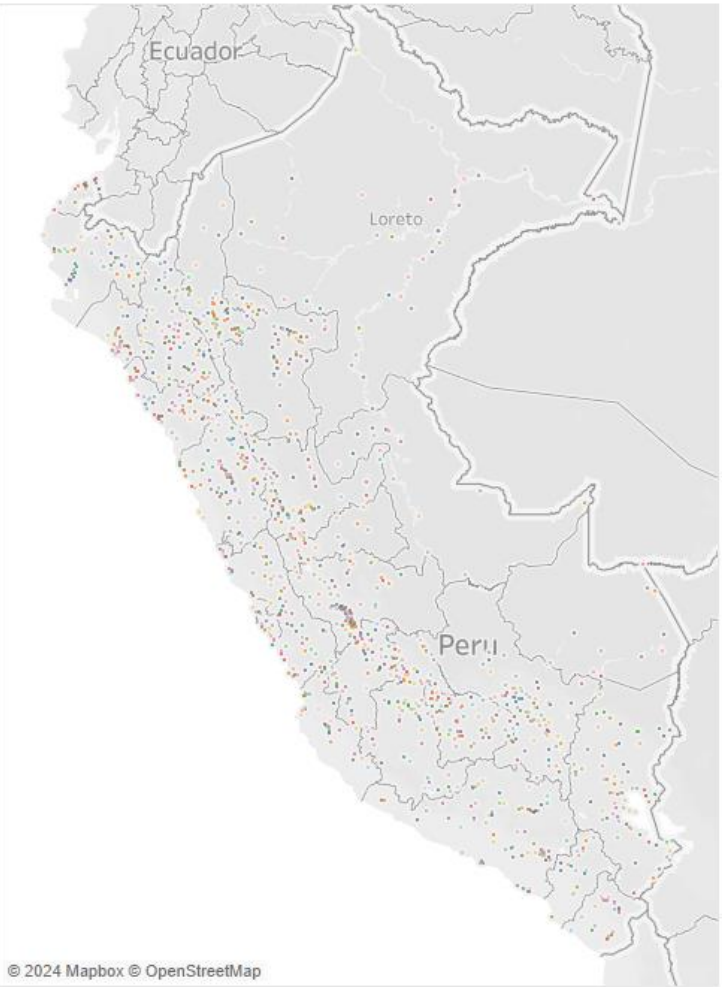
Year  
All

During the period from 2017 to 2019, an average of 13.33% of the surveyed farmers requested credit. Of those who applied, 92% successfully obtained it.

## Total number of farmers surveyed



## Access to credit at the district level in Peru

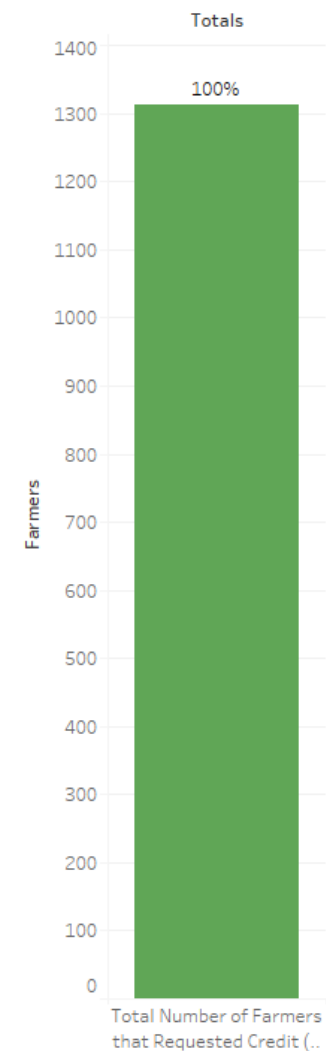


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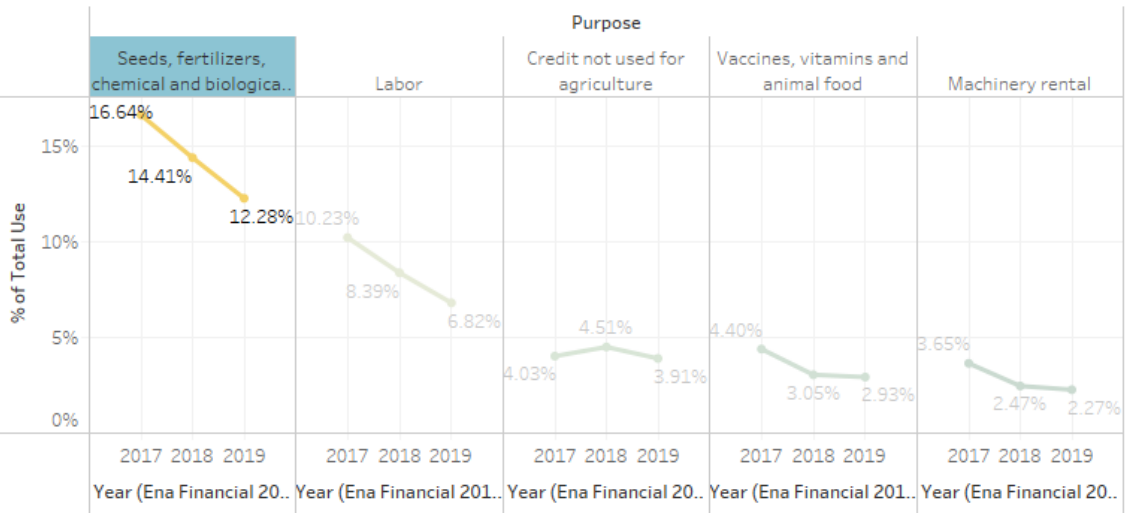
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Peruvian farmers seek credit mainly for agricultural inputs (seeds, fertilizers and plague control) and labor.  
The main financial institutions providing credit to farmers in Peru are Municipal Banks closely followed by Private Banks.

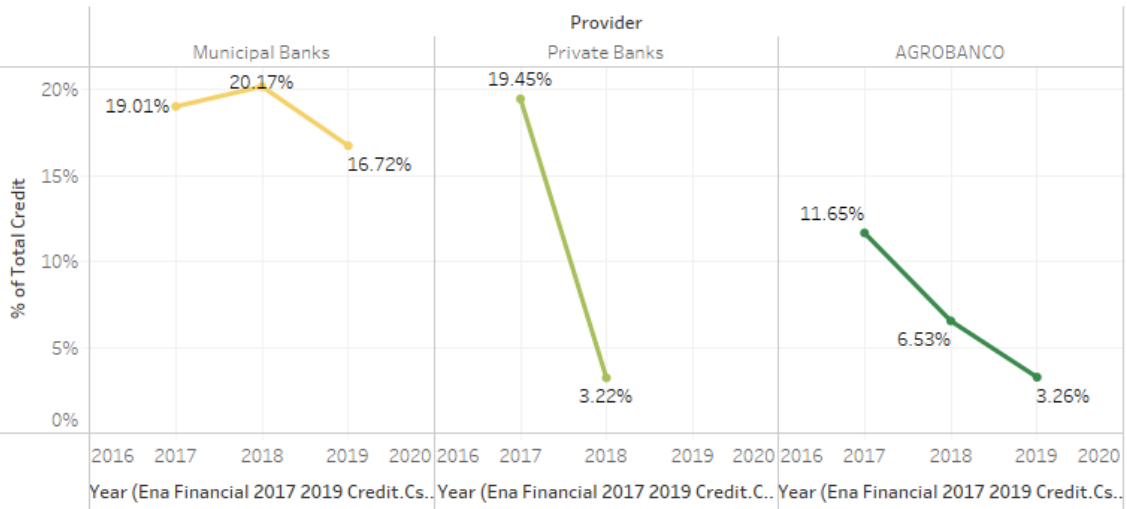
## Number of farmers that obtained credit



## Purpose of the agricultural credit obtained



## Credit providers in agriculture in Peru

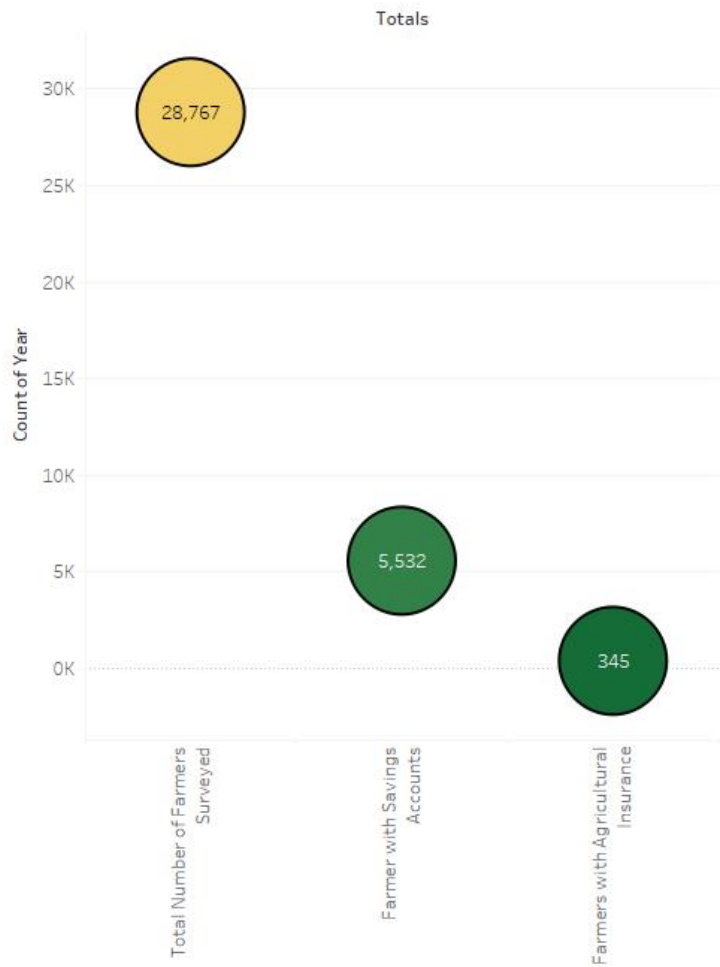


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Year	Insurance Provider	Banking Provider	Region
2017	All	All	All
Access to savings accounts is the most widely available banking service for farmers in Peru. The most important banking services providers is the government controlled Banco de la Nacion. In parallel Insurance is the less available service available to farmers in Peru.			

## Total number of farmers surveyed



## Banking & Insurance in Peru

