



Swine Industry Prospect in the Philippines

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Facts about the Philippine Swine Industry

- ❑ Php 191 Billion industry
- ❑ The largest among the animal industries
- ❑ Second largest contributor to the country's agriculture coming in second to rice.

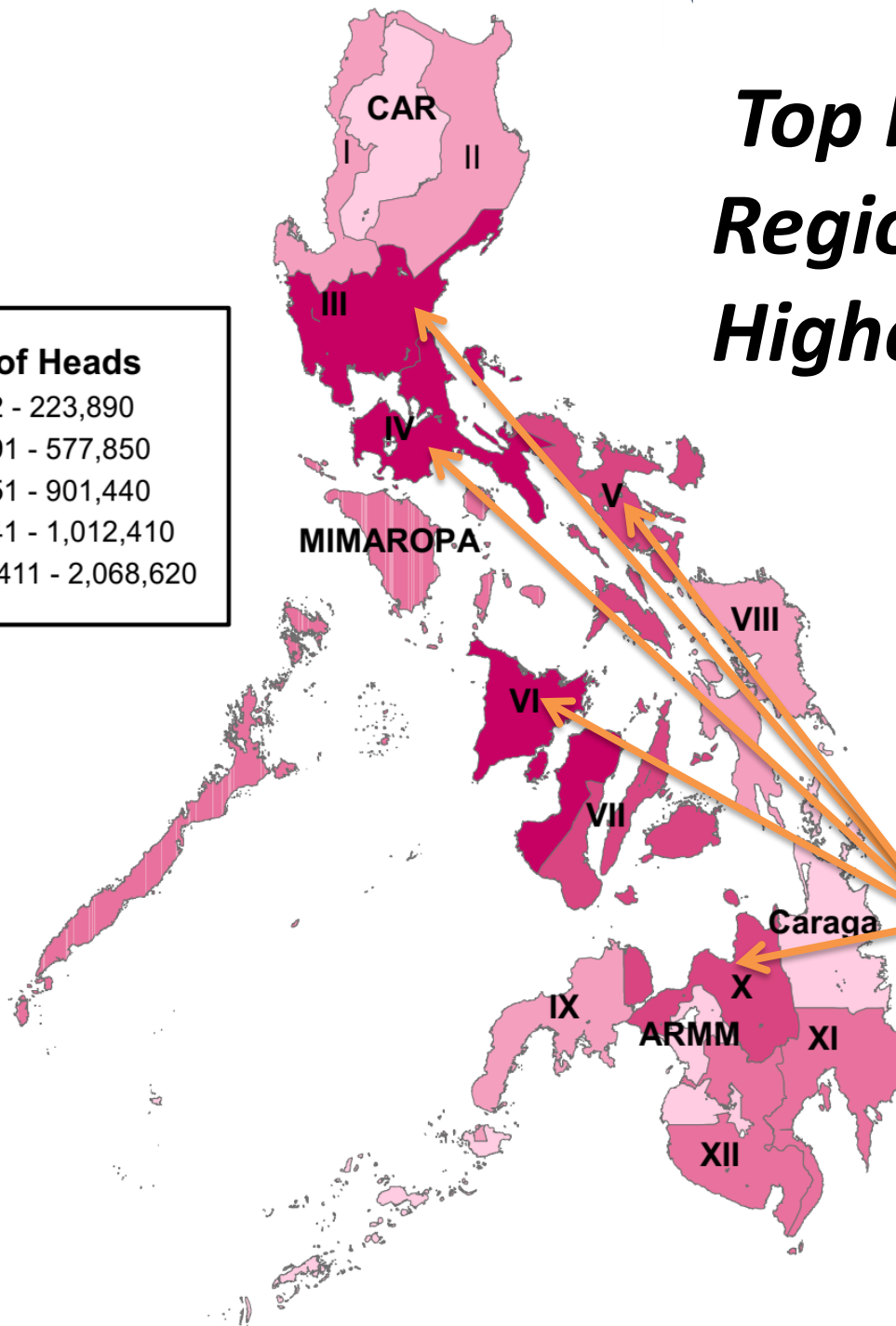
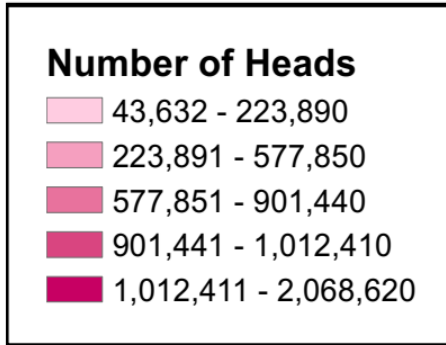


Swine Inventory (No. of Heads)

as of January 2018

	<u>2017</u>	<u>2018</u>	<u>% change</u>
<u>Backyard</u>	8,120,087	8,092,940	(-)0.33
<u>Commercial</u>	4,307,703	4,511,501	4.73
TOTAL	12,527,790	12,604,441	1.42

Top Five (5) Regions with the Highest Inventory



These regions accounted for 55.59% of the country's total swine inventory

Production



- 8th in the world in terms of the *volume of pork production and number of breeding sows*
- Provides about 60% of the total animal meat consumption of Filipinos



*Hogs remain the main source of meat
in the Philippines*

Philippine Scales of Production

Backyard farms

- *less than 10 sows per household*

Commercial farms

- Small commercial : *<100 sows*
- Medium-scale farms : *100-300 sows*
- Large-scale farms : *>300 sows*

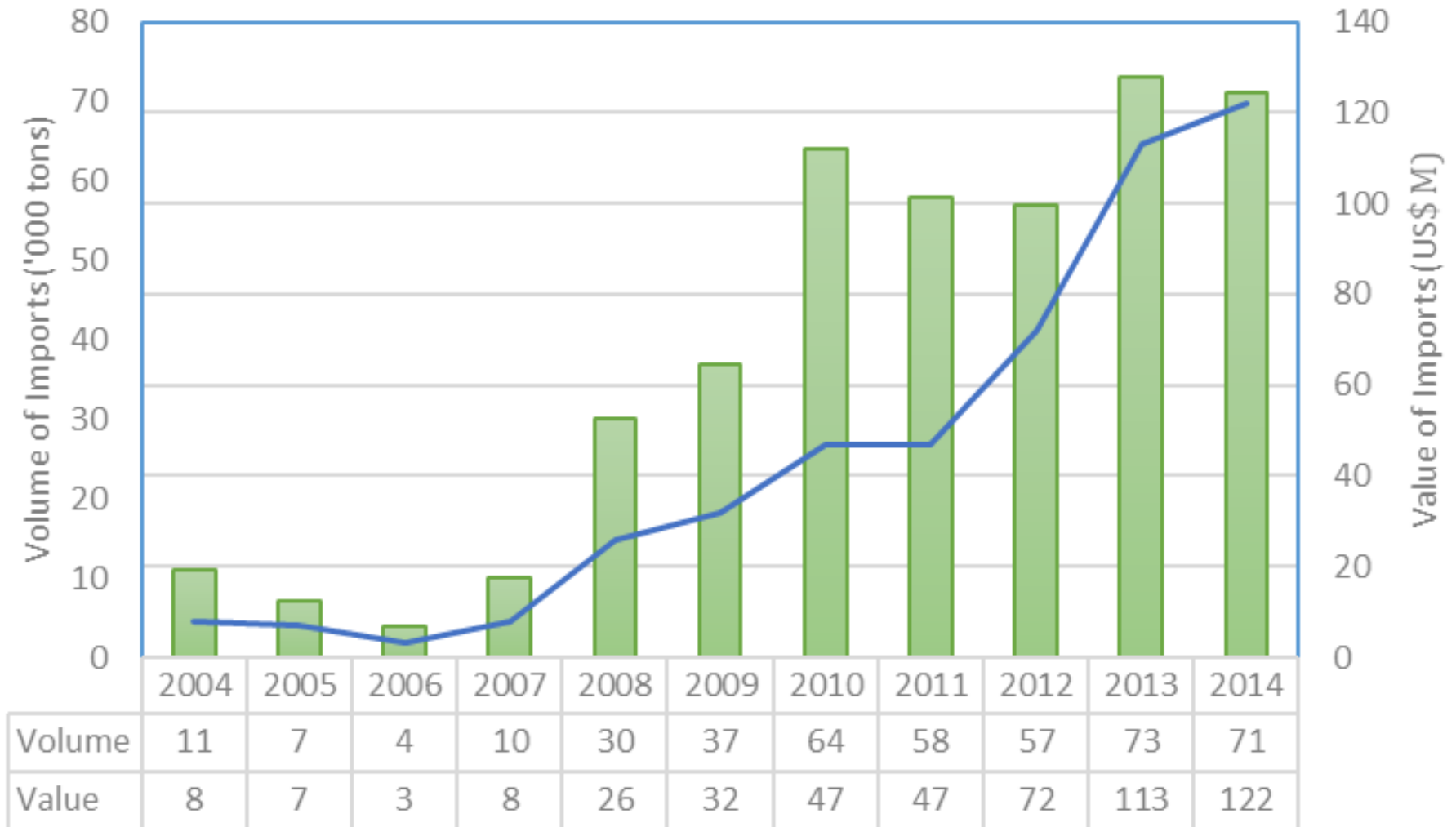


About 64% of the swine population is raised in backyard farms.

Photo: ACIAR-PCAARRD project

Frozen Pork Imports of the Philippines

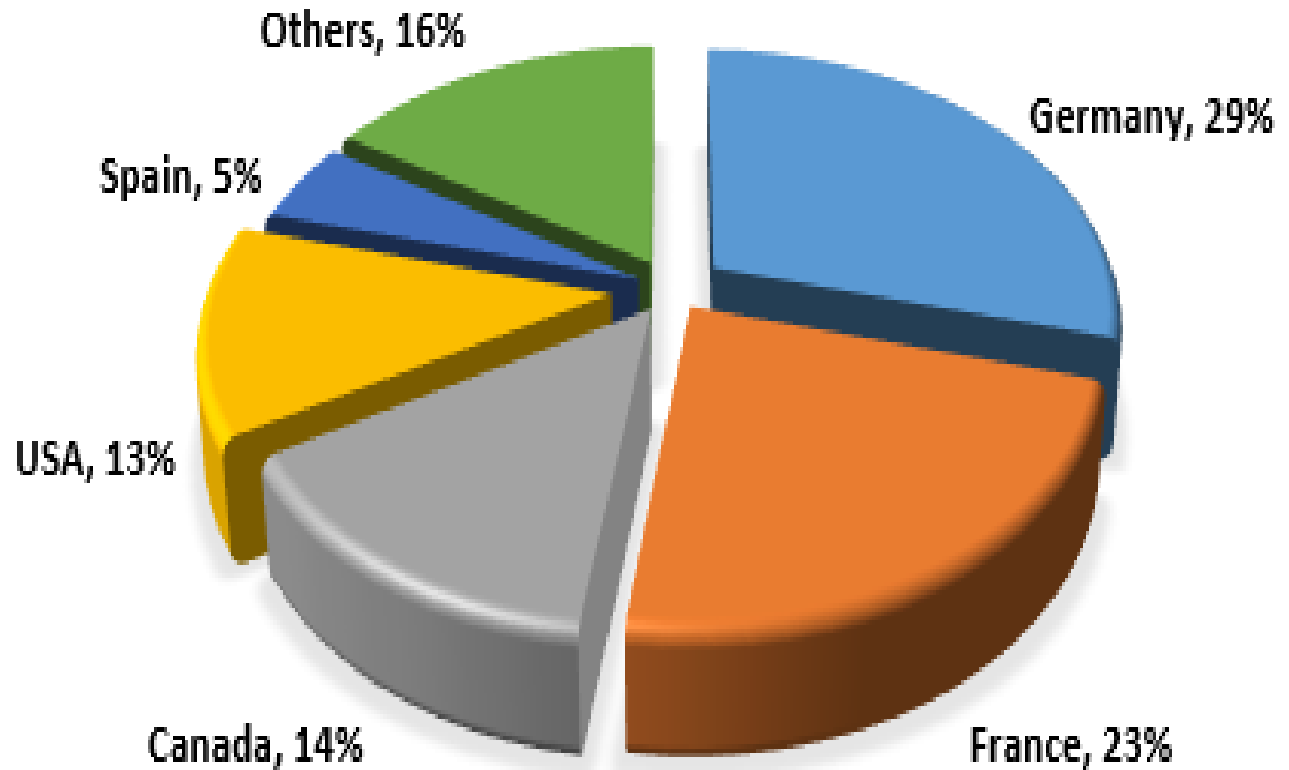
2004-2014



*Caveat: Philippine imports of fats, skin and offal not included. Data only include meat of swine, fresh, chilled or frozen HS Code 0203.
Source: UN Trade Map*

The Major Sources of Imported Frozen Pork

VOLUME: 71,360 TONS



Constraints of Swine Production

Seasons *climate changes, typhoons, hot temperature*

Supplies *increasing cost of inputs (corn as feeds, drugs)*

Intensification of production

areas for swine production getting smaller due to housing land development (causes disease, other industry related problems like waste management, pollution, disease, etc)

Disease challenge *PED, PRRS, CSF (Hog cholera)*

Rising demand of Pork due to..

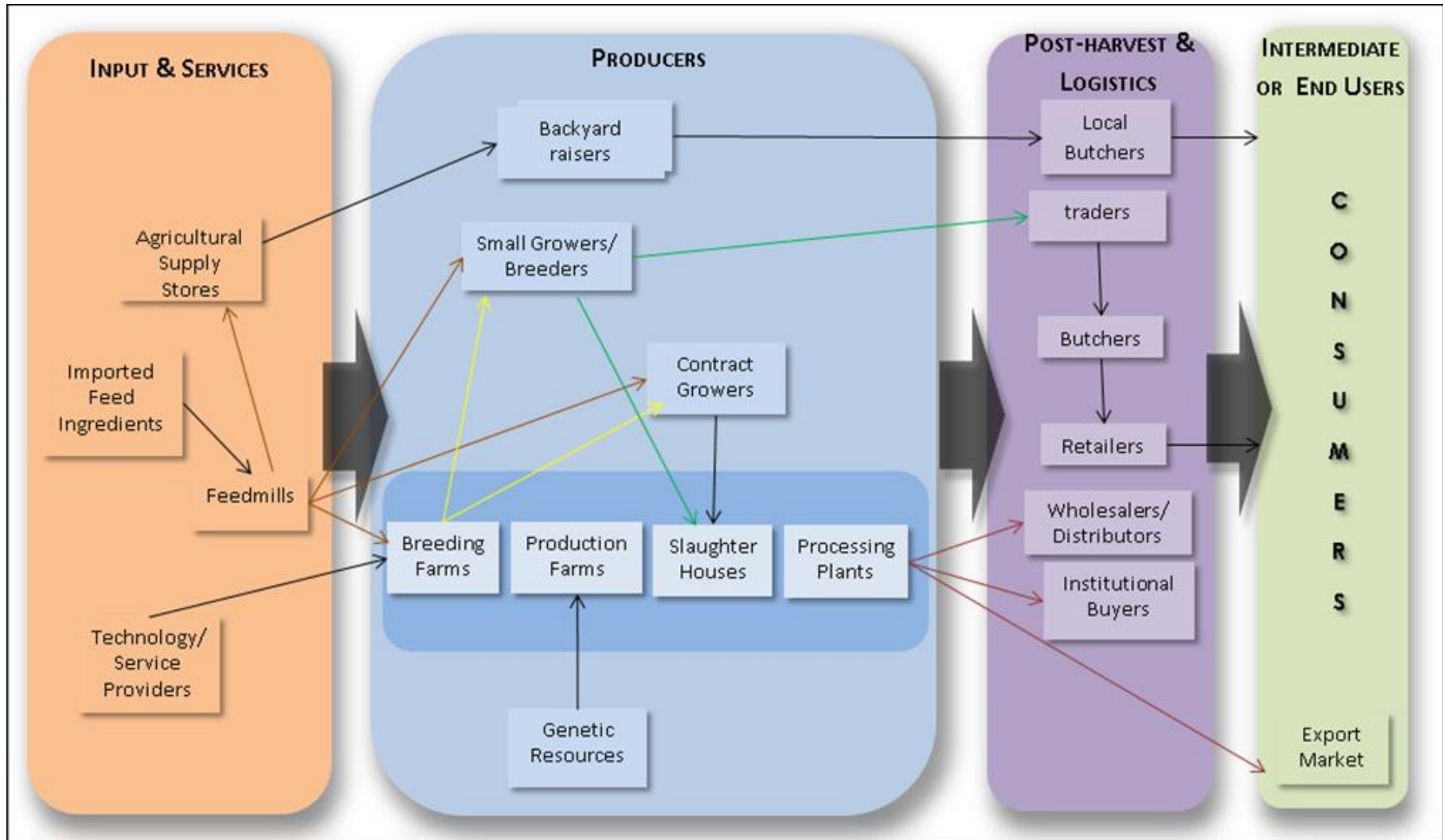
- ✓ Growing population
- ✓ Changing food preferences for processed foods
- ✓ Growth of the eating out market



Major Institutions Involved in the Advancement of the Hog Sector

- Department of Agriculture
 - *National Livestock Program*
 - *Bureau of Animal Industry (BAI)*
 - *National Meat Inspection Service (NMIS)*
 - *Bureau of Agricultural Research (BAR)*
 - *National Agricultural and Fishery Council (NAFC)*
 - *Agribusiness and Marketing Assistance Service (AMAS)*
 - *Agricultural Training Institute-International Training Center on Pig Husbandry (ATI-ITCPH)*
 - *Philippine Council for Agriculture and Fisheries (PCAF)*
- Department of Environment and Natural Resources (DENR)
- Private Swine Stakeholders

Supply Chain of the Philippine Hog Industry



Investment for the Hog Program

Private Investment

- *Modernization of farms*
- *Modernization of abattoirs*
- *Provision of refrigerated transports*
- *Provision of cold storage in public markets*
- *Provision of refrigerated display cabinets in public market*

Government Support

- *Establishment of AI station per province*
- *Boar Performance Testing Station (BPTS)*
- *Swine genomics application in production and health*
- *R&D on feed resources and breed development*
- *Strengthening the lab capabilities*
- *Establishment of meat laboratories*
- *Establishment of Triple-A abattoirs for common use*
- *Provision of standard inspection area in ports*
- *National Pork Traceability System*
- *Hog disease programs*
- *Production of IEC materials*

Prospect of Raising Philippine Native Pigs



- ✓ *Preferred breed for “lechon” (roasted pig)*
- ✓ *High demand for native pigs*
- ✓ *Adapted to local rural conditions*
- ✓ *Ideal breed for organic production*

Conservation, Improvement and Profitable Utilization of Philippine Native Pig



- ✓ *Funded by DOST-PCAARRD*
- ✓ *Lead by Marinduque State University*
- ✓ *Implemented by BAI-NSPRDC, ISU, BSU, NVSU, ESSU, UPLB*

PHILIPPINE NATIVE PIGS



Abra



Quezon



BAI-Tiaong Black



Kalinga



Marinduque



Thank you