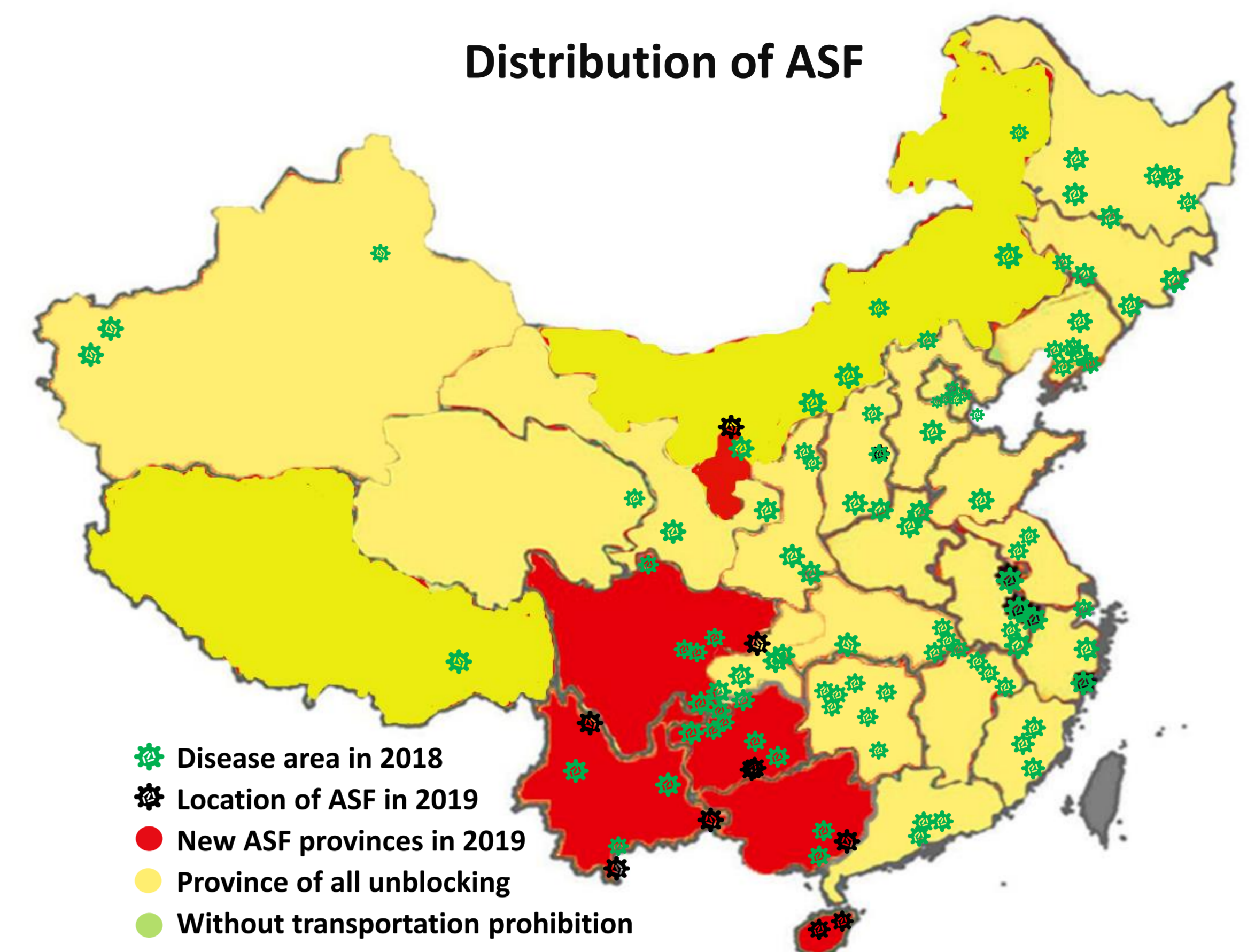


# ASF and Effects on the Chinese Pig Industry

Zengyong Zhu<sup>1</sup>

<sup>1</sup> Agriculture Information Institute, Chinese Academy of Agricultural Sciences, Beijing, China

Distribution of ASF



## Background and Questions

The first ASF outbreak in China occurred in August 2018. By June 2019, 31 provinces have been affected. A total of 139 outbreaks were recorded.

3 cases of wild pigs,  
136 cases of domestic pigs, among which  
2 cases in slaughterhouses.

More than 1 million pigs were culled. The breeding sows and fattening pigs inventory have been decreasing continually. For the near future, the following questions arise from this development:

- How much will the pig meat production decrease?
- What are the likely price changes?
- How will the gap between demand and supply be?
- What are the effects of ASF on the pig industry supply chain?
- How much pork will be imported?

## Pork Consumption and Trade

### Pork consumption is also decreasing

- Reduction by 10 - 15 %
- Chilled fresh pork consumption increased
- Pork consumption decreased by 12.5 % from Jan to May

### Gap between demand and supply in 2019

- Estimated to be 5 %

## Pig Inventory

### Pig inventory is highly decreasing

#### Breeding sows

- Decrease since September of 2013
- May '19: Decrease of 24 % compared to May '18

#### Fattening pigs

- May '19: Decrease of 23 % compared to May '18

### Pork output with significant reduction

- Pork output is estimated to decrease by 20 %
- Henan\Guangdong etc. by > 30 %

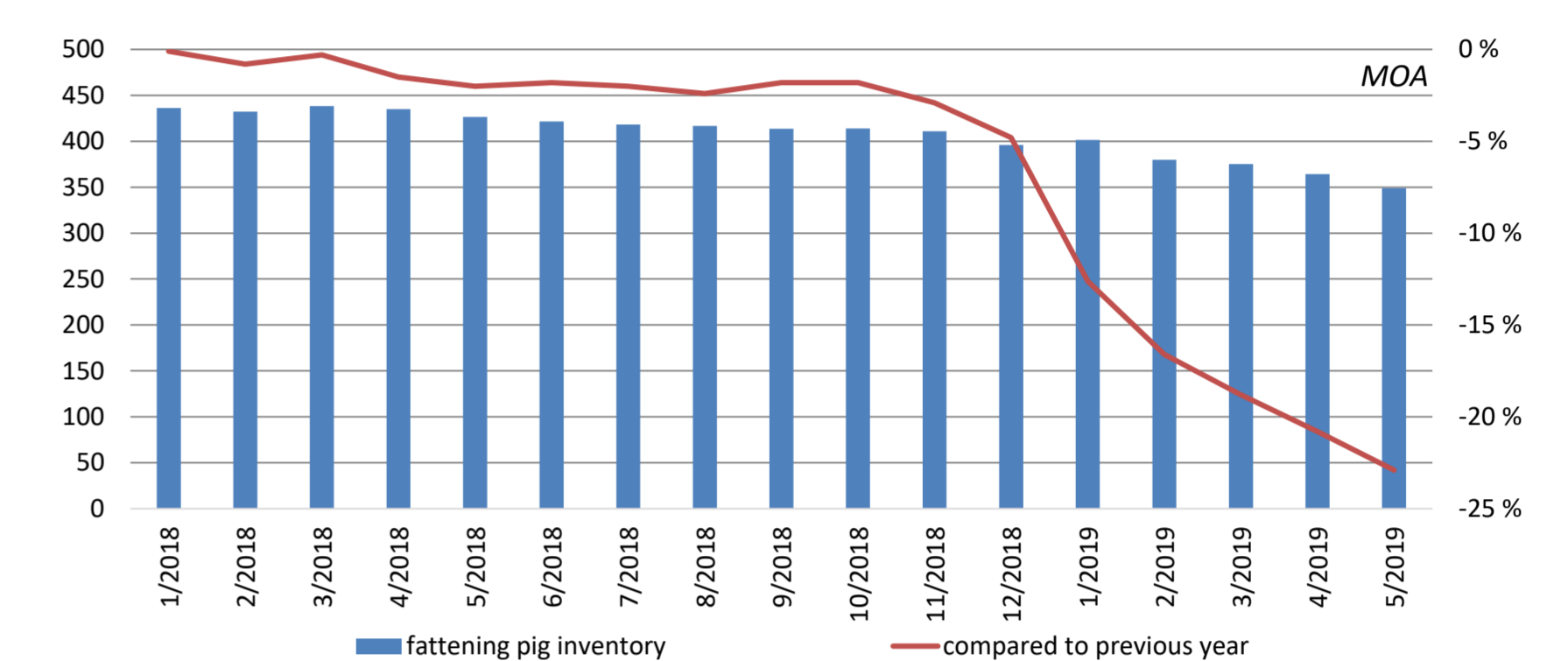


FIG 1: Fattening pig inventory (million)

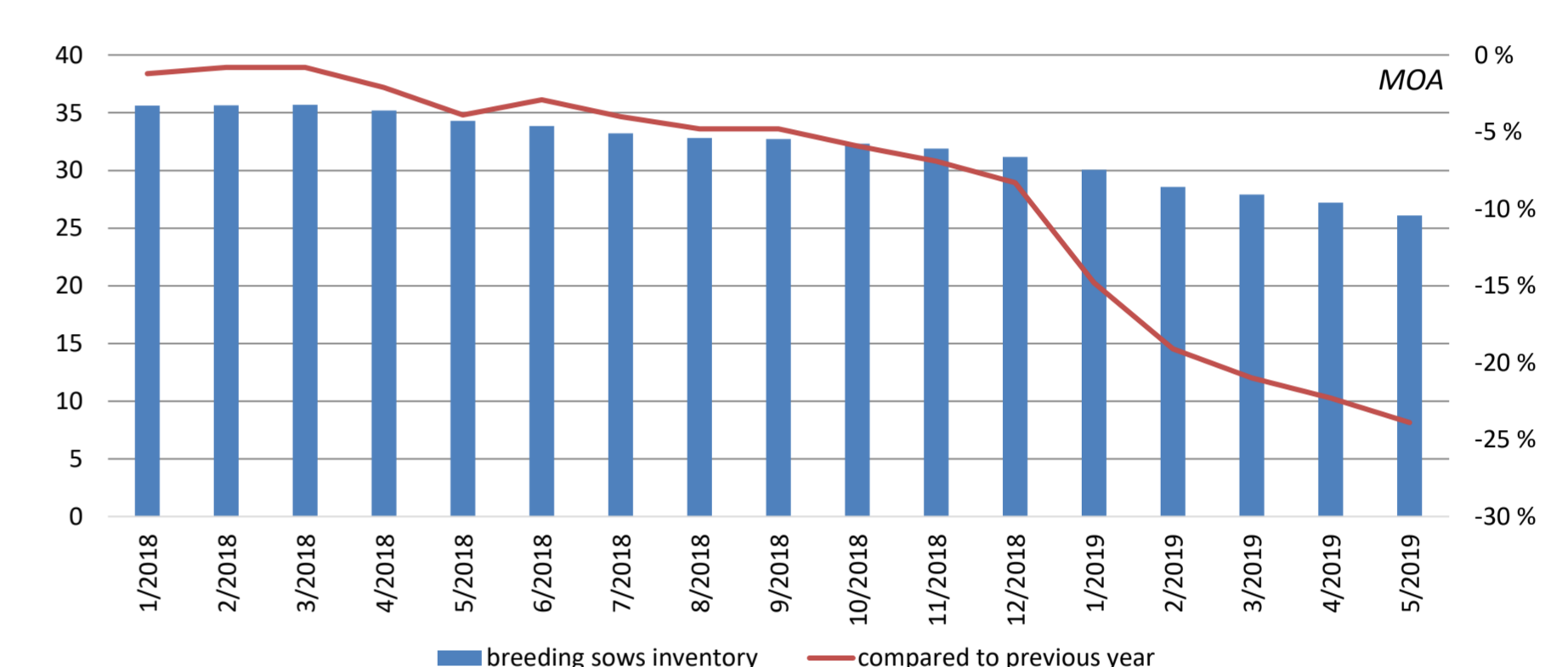


FIG 2: Breeding sows inventory (million)

## Prices for Live Fattening Pigs

### Live fattening pig price increases

- Tight supply will be more significant in the later half of 2019 and price will keep rising
- Price will reach the historical record in 2020

### Different situation of demand and supply

ASF showed different trends of live pig price in different provinces

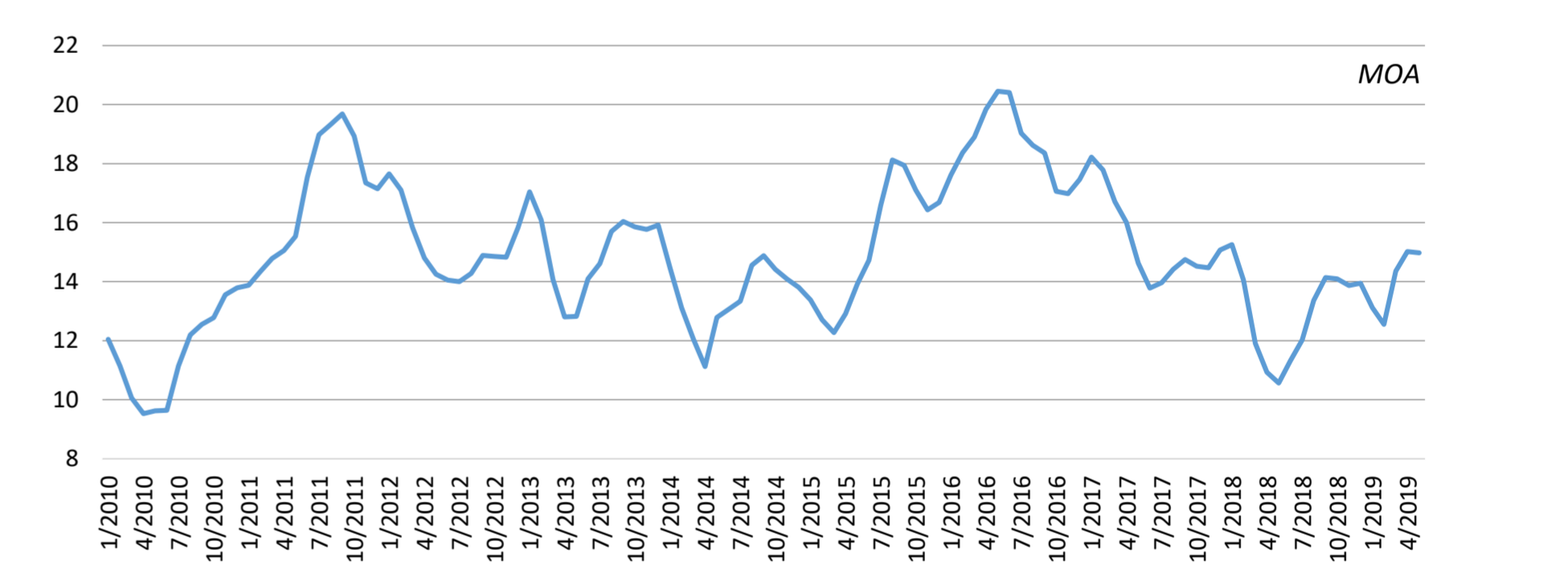


FIG3: Monthly average national price of live fattening pigs (Yuan/kg lw)

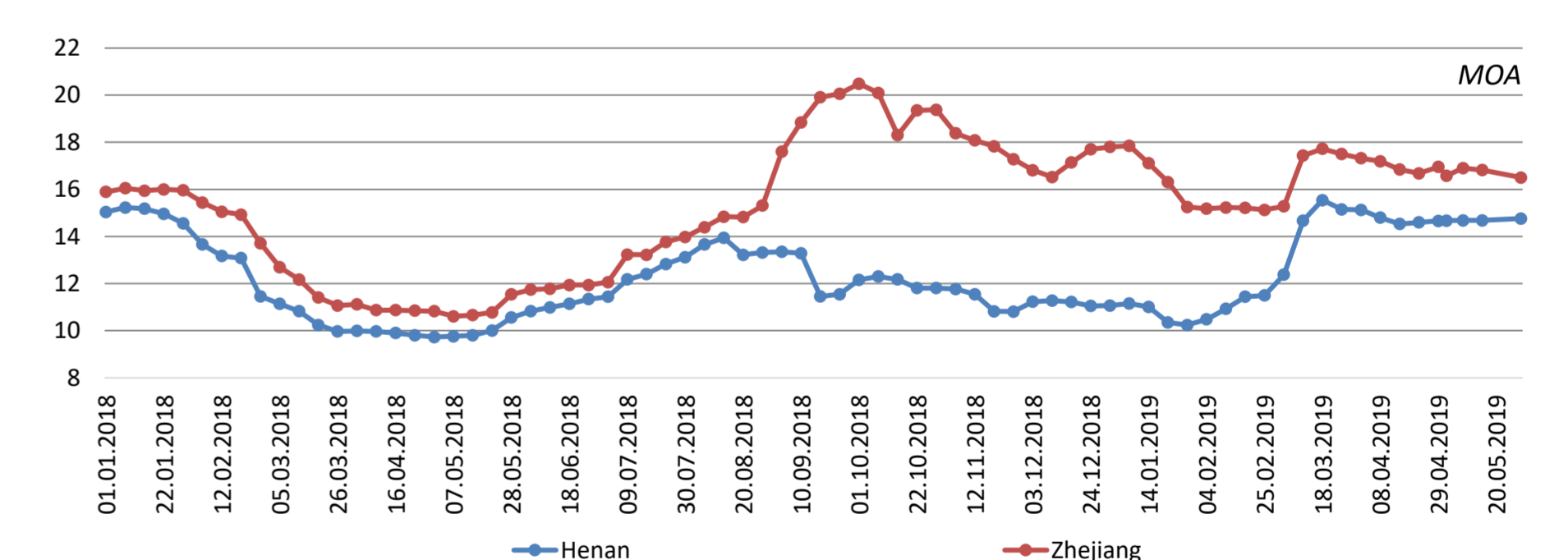


FIG4: Weekly fattening pig price in Henan and Zhejiang (Yuan/kg lw)

## Contact Details

### Name

Zengyong Zhu

### Institution

Agricultural Information Institute, CAAS  
100081 Beijing  
China

### E-Mail

Zhuzengyong@caas.cn