

Poultry and Poverty in Vietnam

A Synoptic Atlas

Michael Epprecht

Inception Workshop on

**Pro-Poor Policy Options for Control of Highly Pathogenic
Avian Influenza (HPAI) in Africa and Southeast Asia**

Chiang Mai, Thailand, December 12-13, 2007



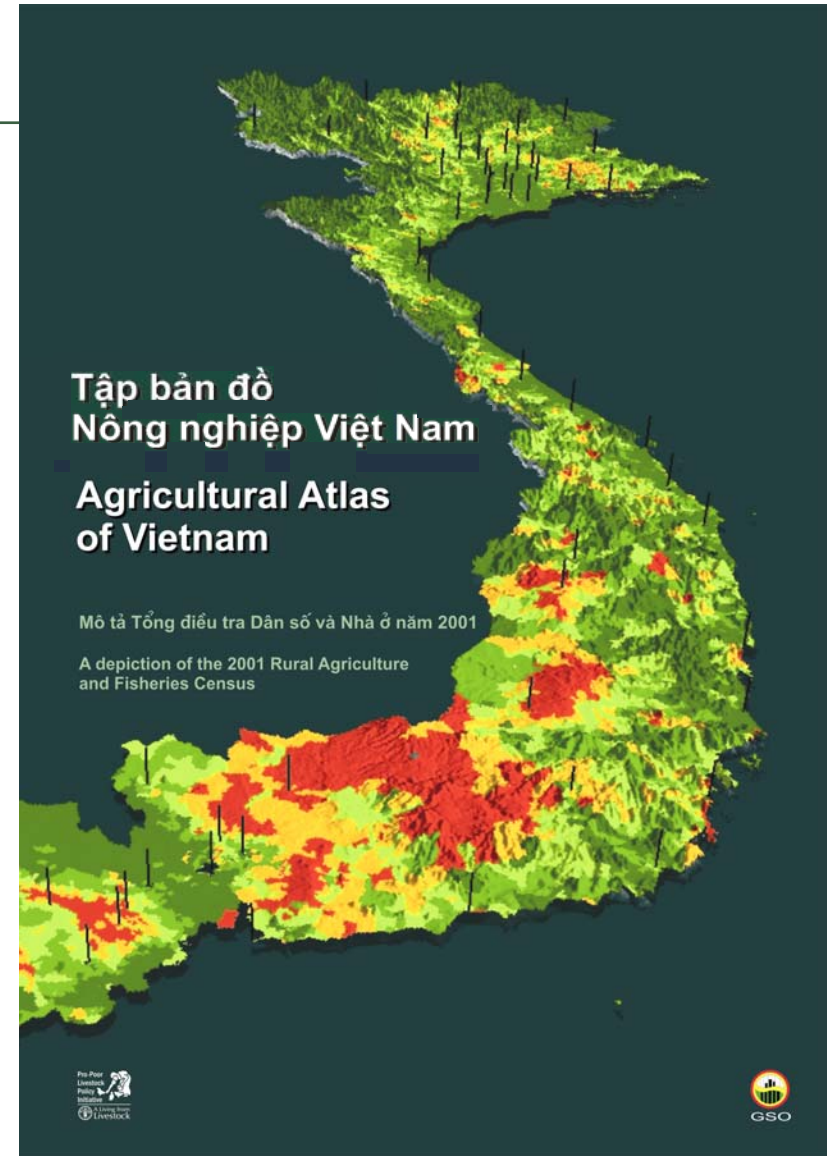
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Outline

A spatial look at:

- Livestock in rural household income
- Characteristics of poultry producers and poultry production
- Poultry keepers and poverty



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Rural Sources of Income

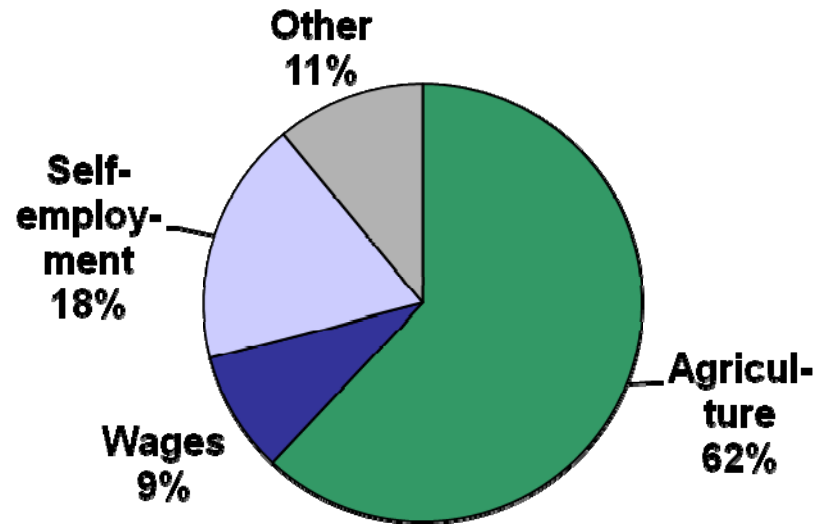


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Rural income sources:

RURAL SOURCES OF INCOME



Source: 1998 VLSS

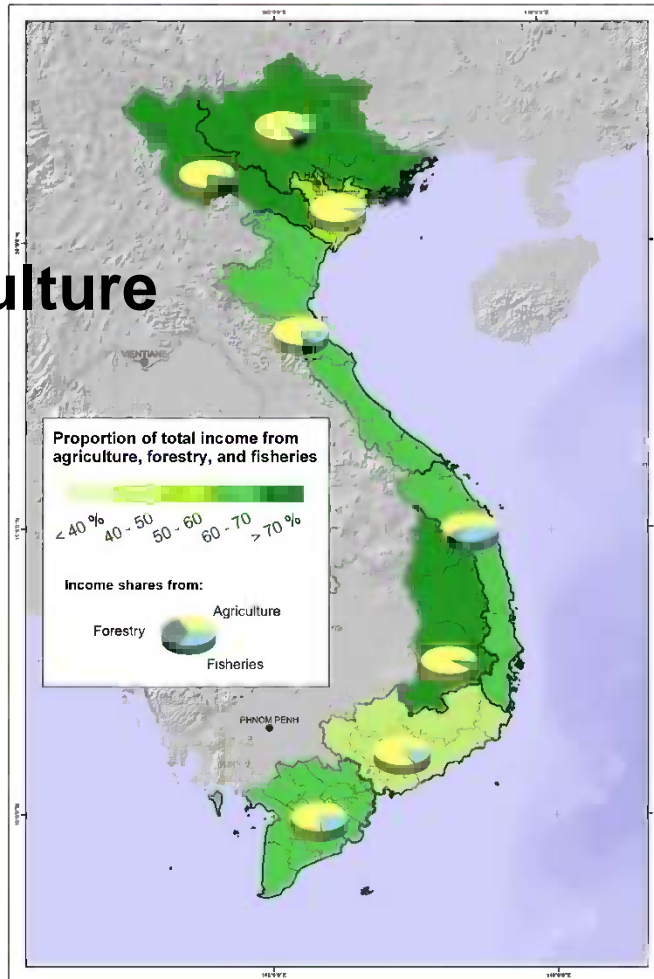


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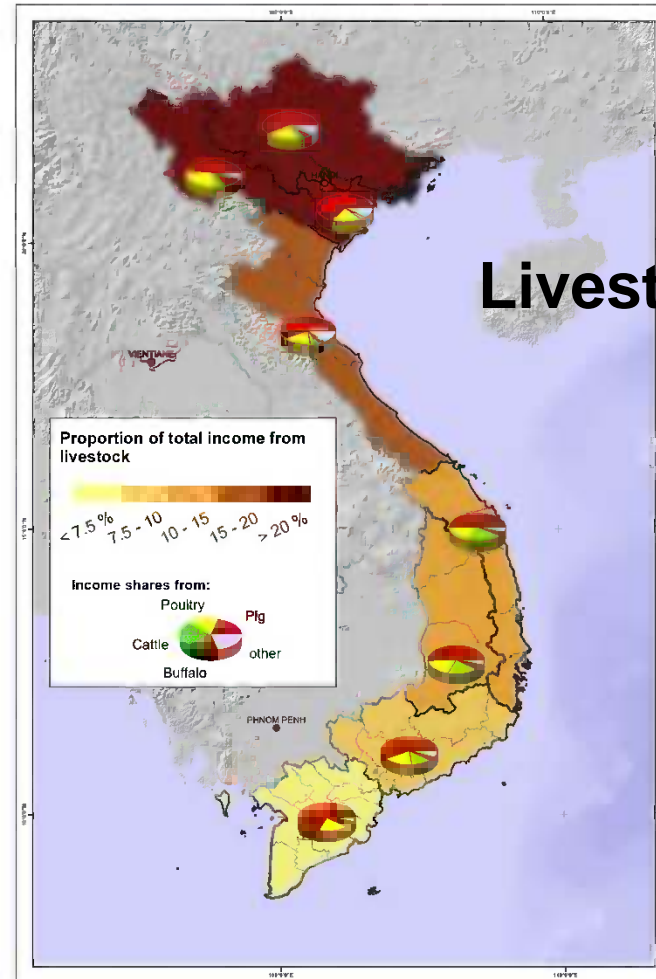


Proportion of income from:

Agriculture



Livestock

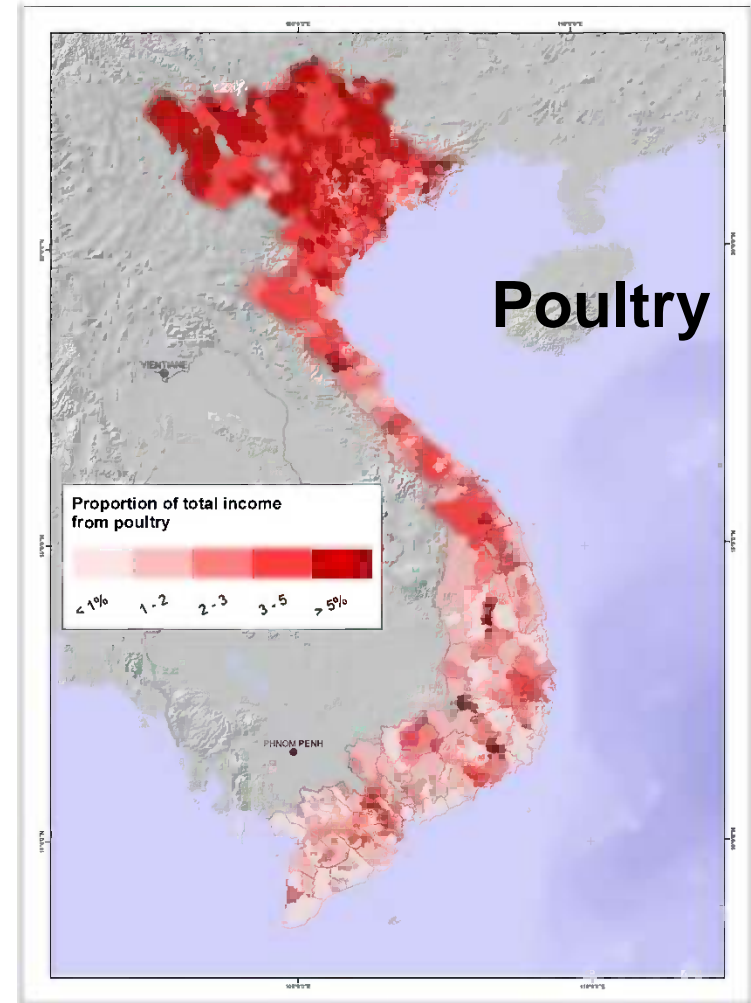


Source:
Ag. Census 01



Proportion of income from:

POULTRY IN RURAL HOUSEHOLD INCOME



Source: Ag. Census 01



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Characteristics of Poultry Production



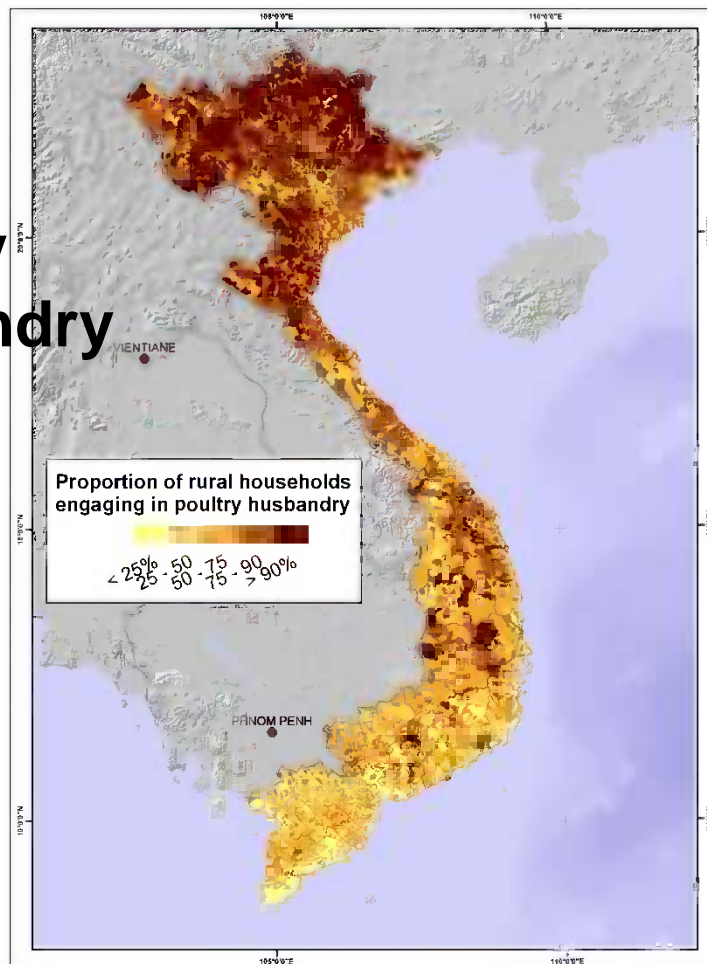
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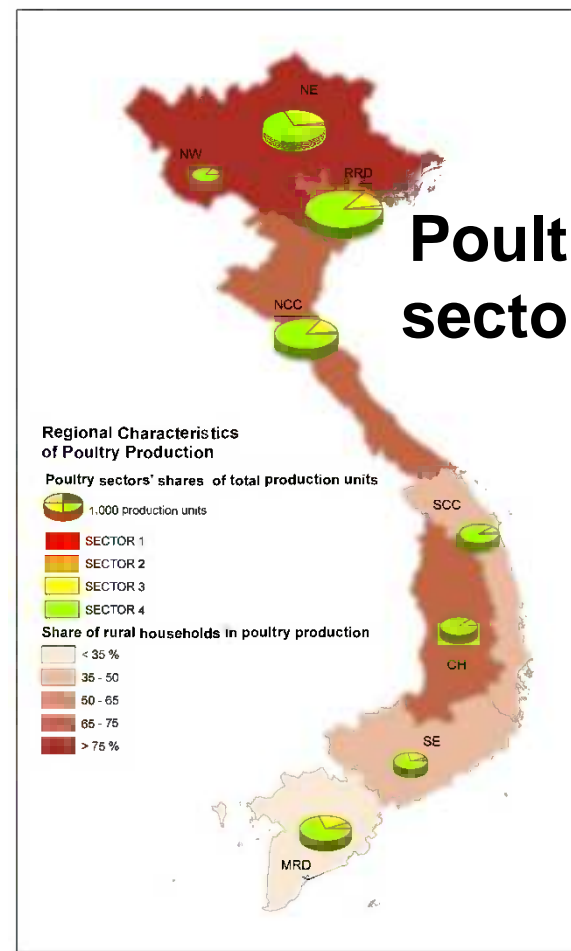
Proportion of rural households engaging in:

SPATIAL PATTERNS IN POULTRY KEEPING

Poultry
husbandry



Poultry
sectors



Sources: Ag. Census 01 & VHLSS 02

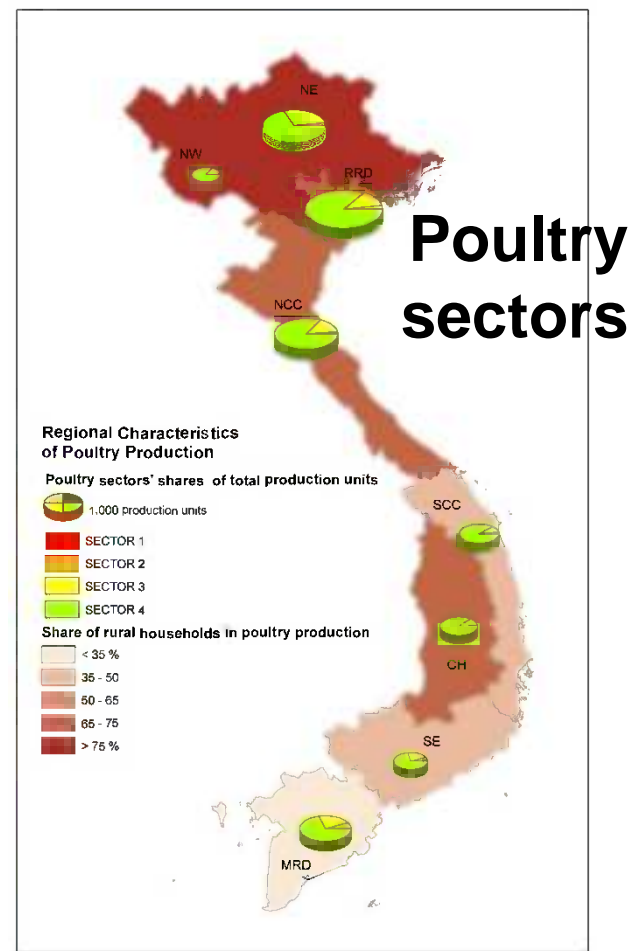
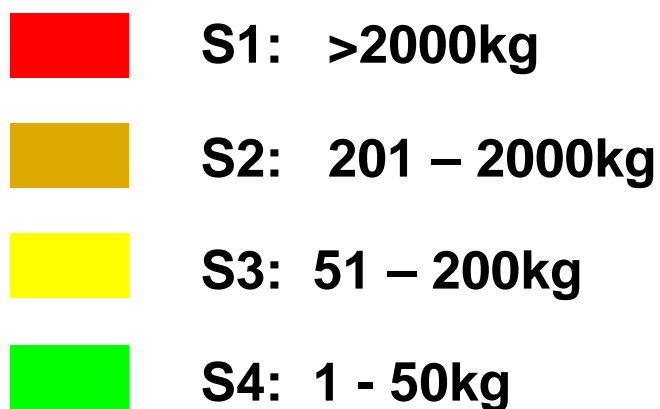


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Proportion of rural households engaging in:

SPATIAL PATTERNS IN POULTRY KEEPING



Sources: Ag. Census 01 & VHLSS 02



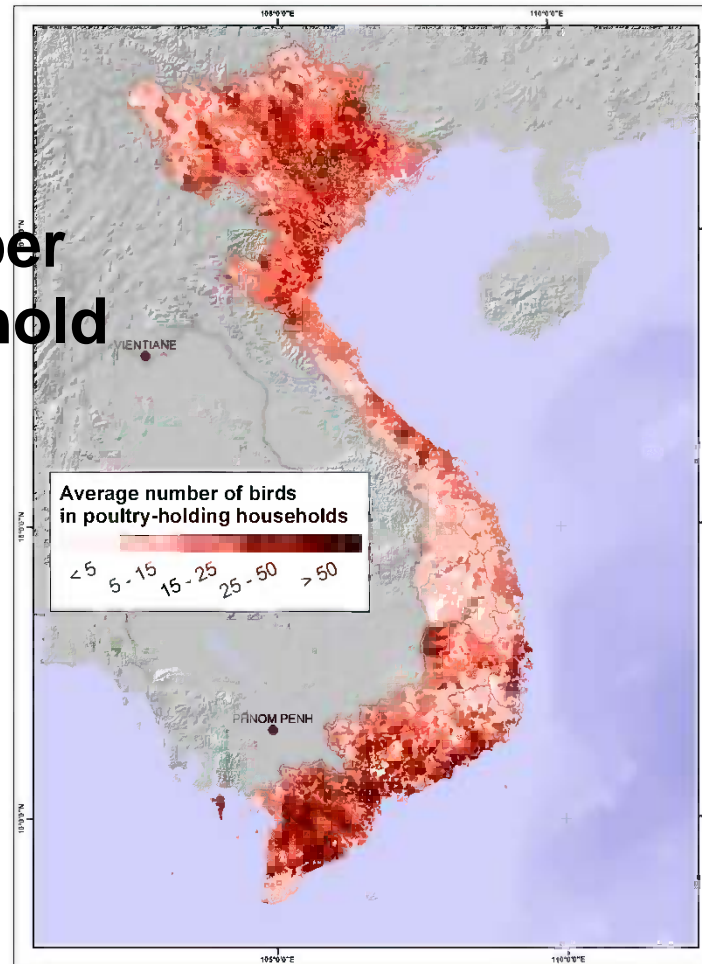
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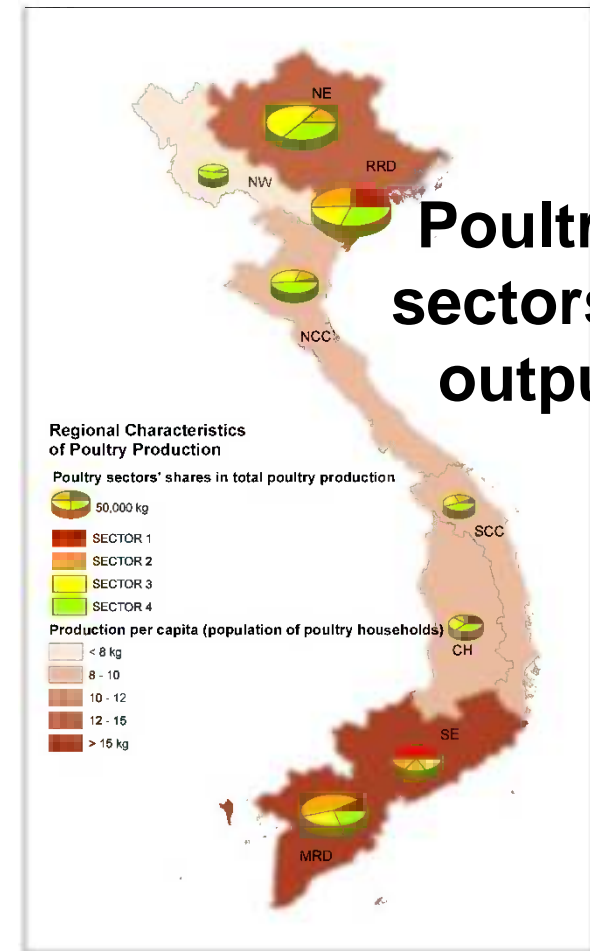
Poultry flock size and per capita output:

SPATIAL PATTERNS IN POULTRY PRODUCTION

Birds per
household



Poultry
sectors'
output



Sources: Ag. Census 01 & VHLSS 02

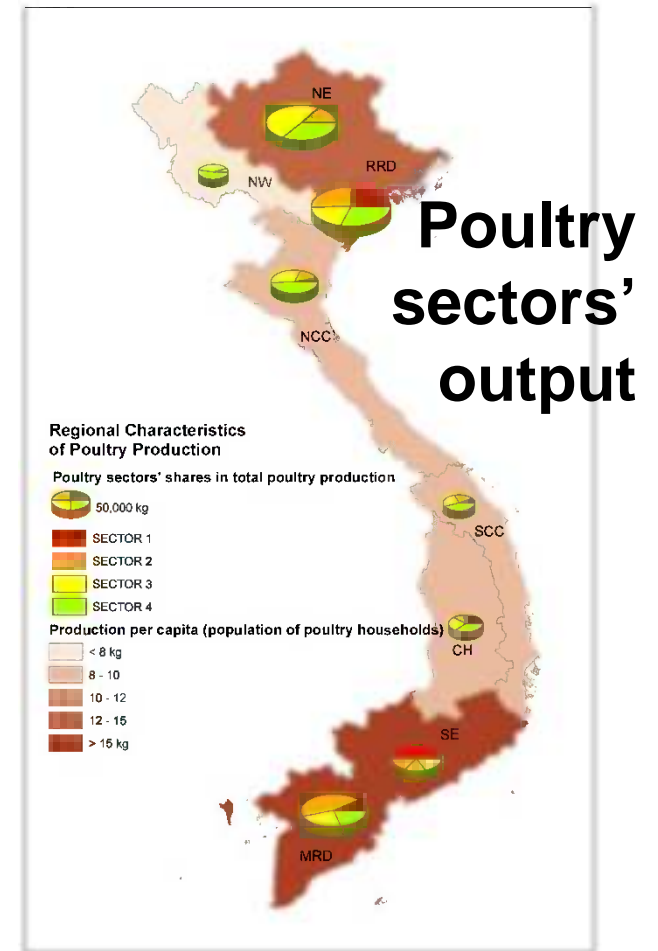
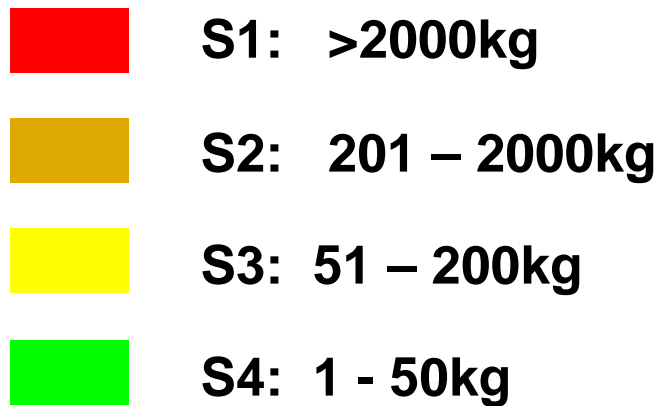


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Poultry flock size and per capita output:

SPATIAL PATTERNS IN POULTRY PRODUCTION



Sources: Ag. Census 01 & VHLSS 02



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Poultry and Poverty

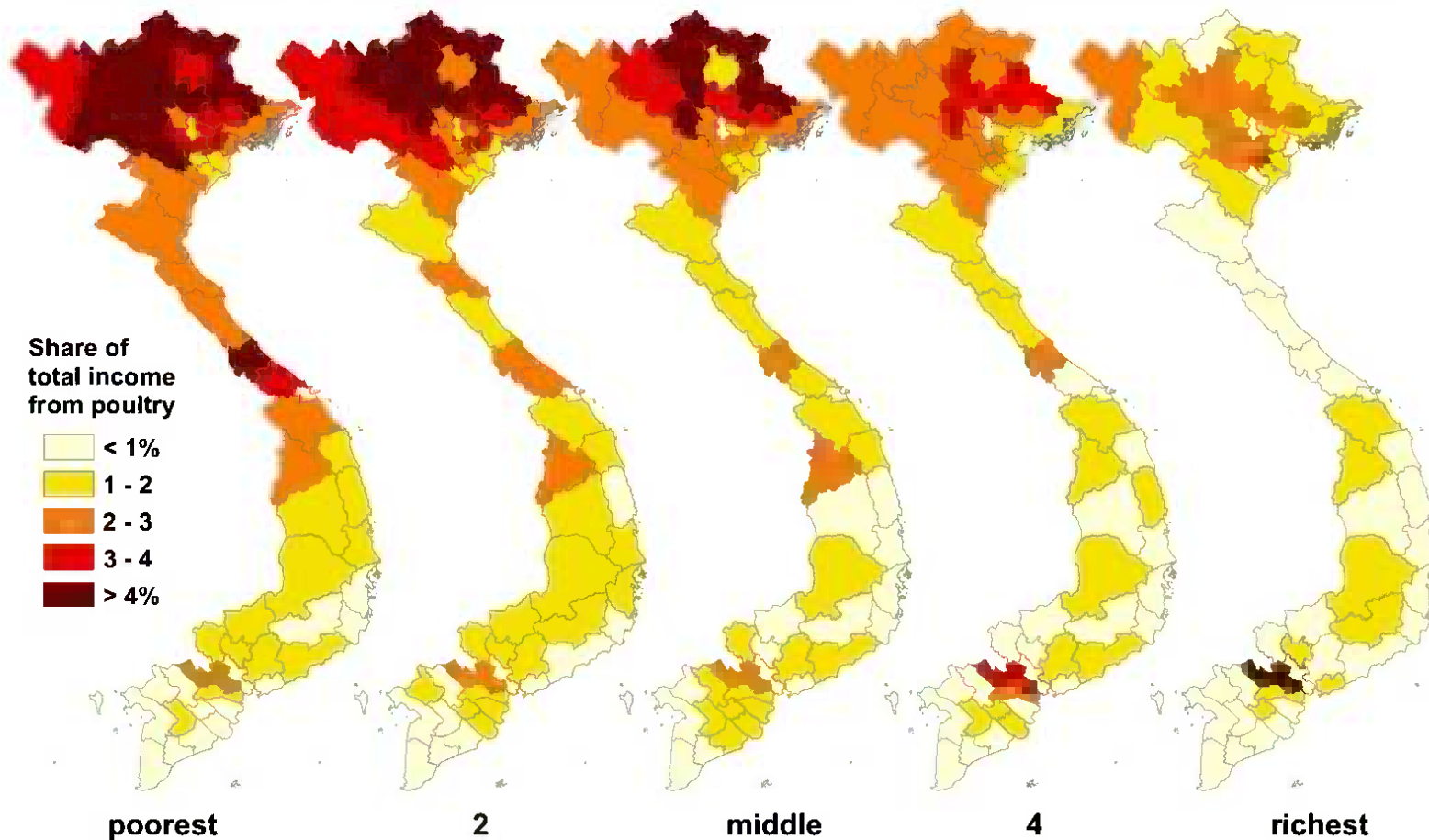


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Poultry income by welfare level:

Share of total income derived from poultry by income quintile



Source: VHLSS 02

POULTRY KEEPING AND
POVERTY



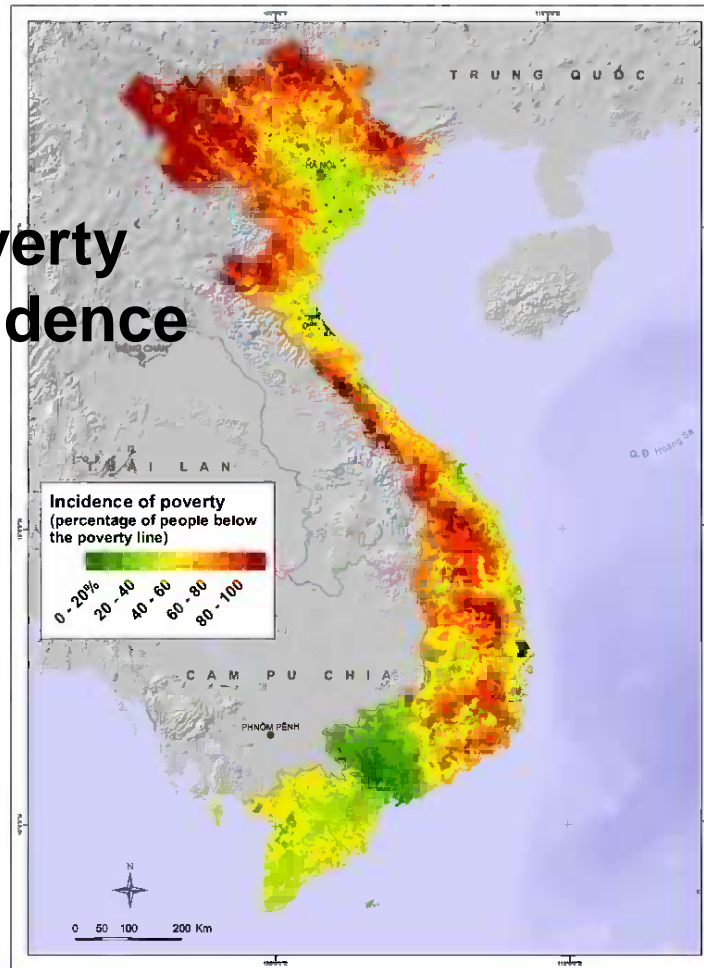
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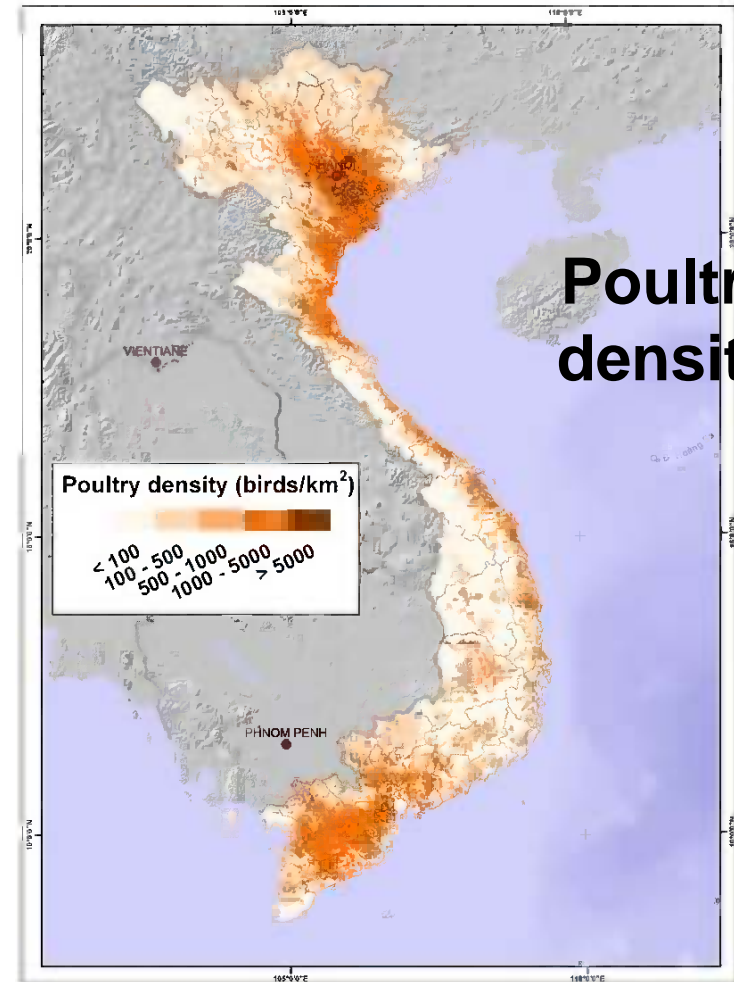
Poor areas & birds:

POULTRY KEEPING AND POVERTY

Poverty
incidence



Poultry
density



Sources: Minot et al 2006 & Ag. Census 01



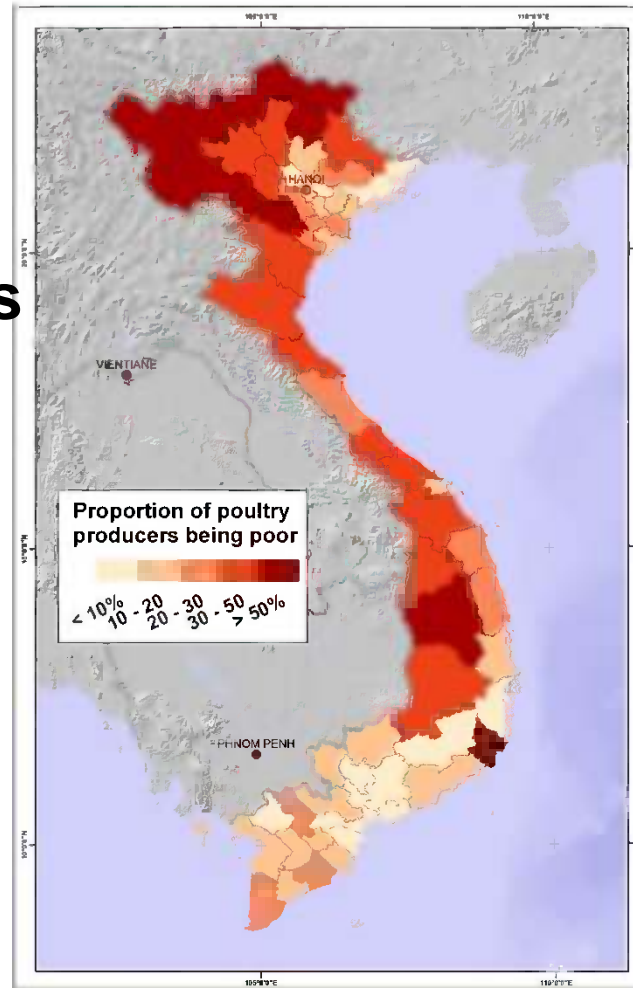
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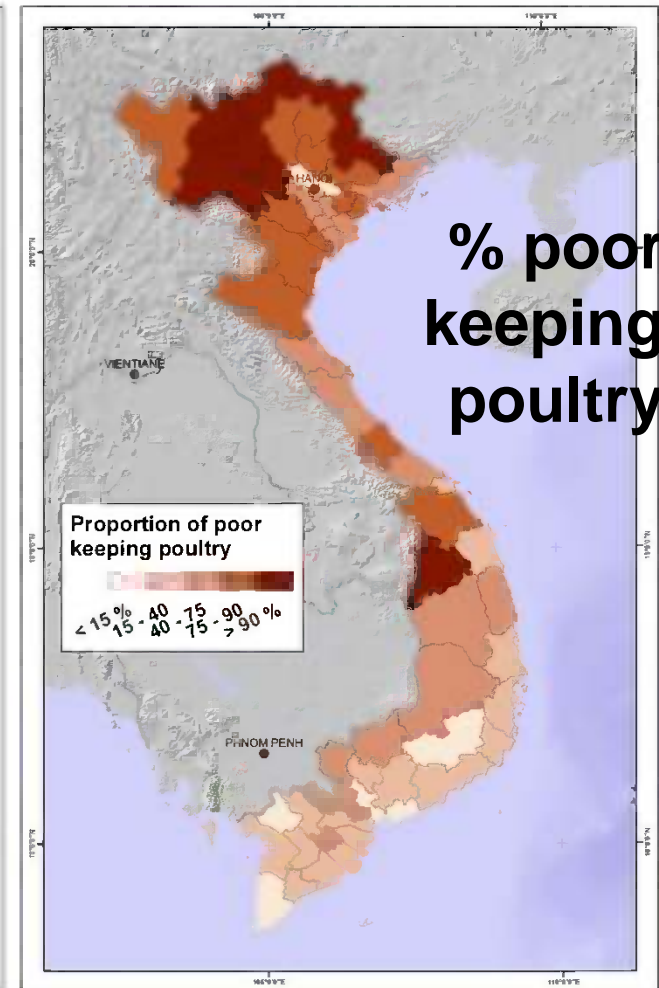
Poor poultry keepers:

POULTRY KEEPING AND POVERTY

% poultry
producers
are poor



% poor
keeping
poultry



Source: VHLSS 02



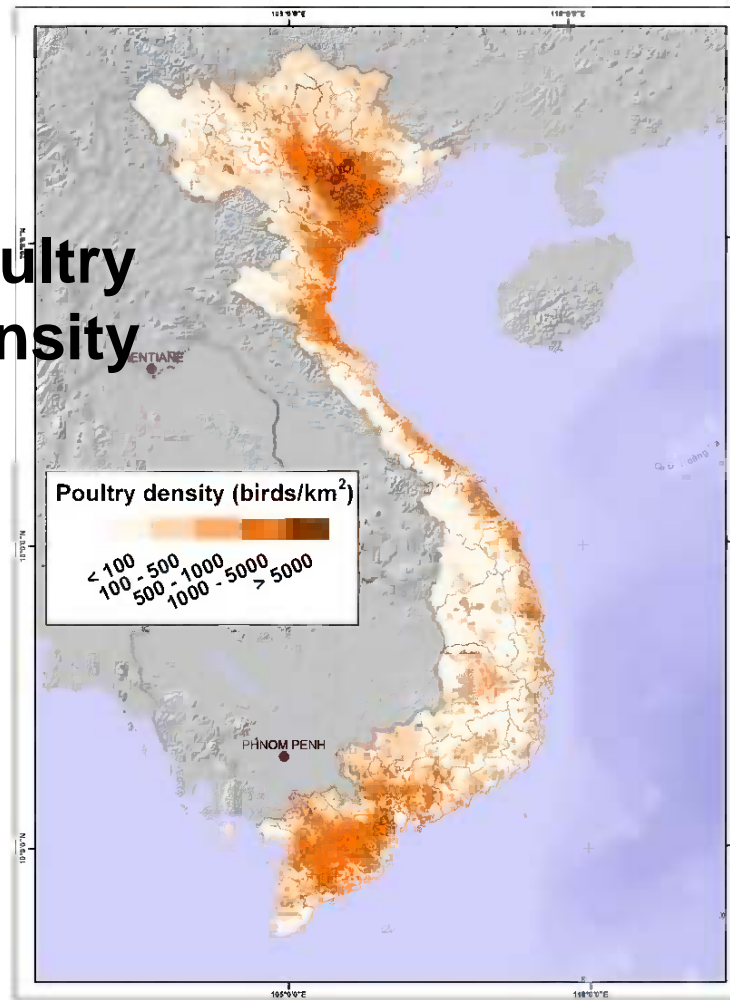
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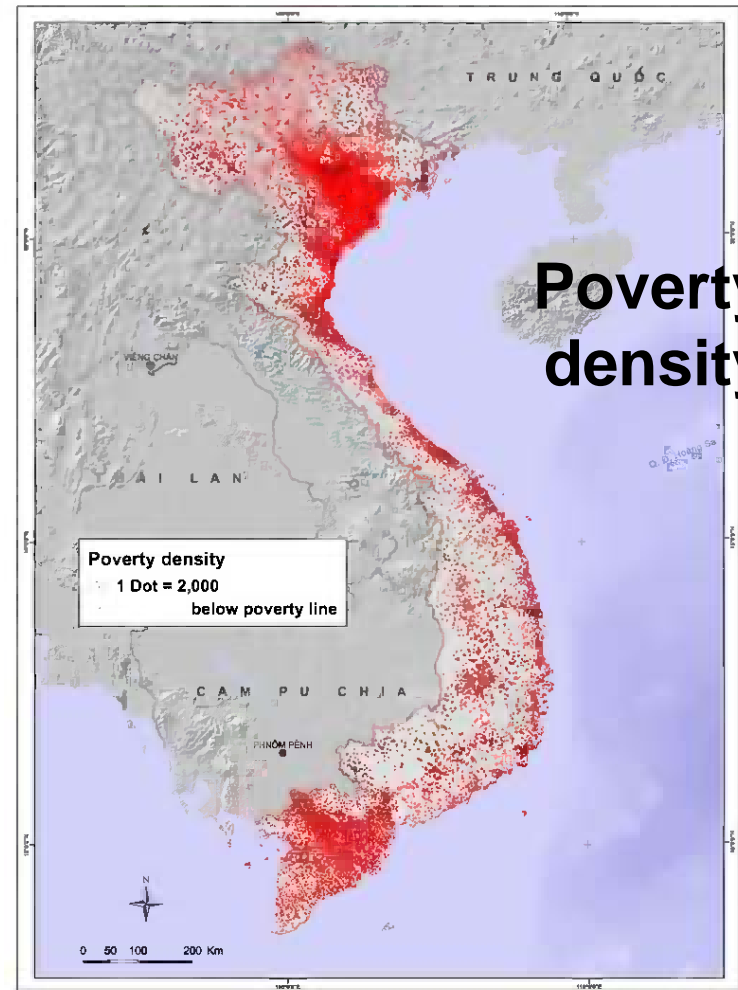
Birds & poor people:

POULTRY KEEPING AND POVERTY

Poultry
density



Poverty
density



Sources: Ag. Census 01 & Minot et al 2006



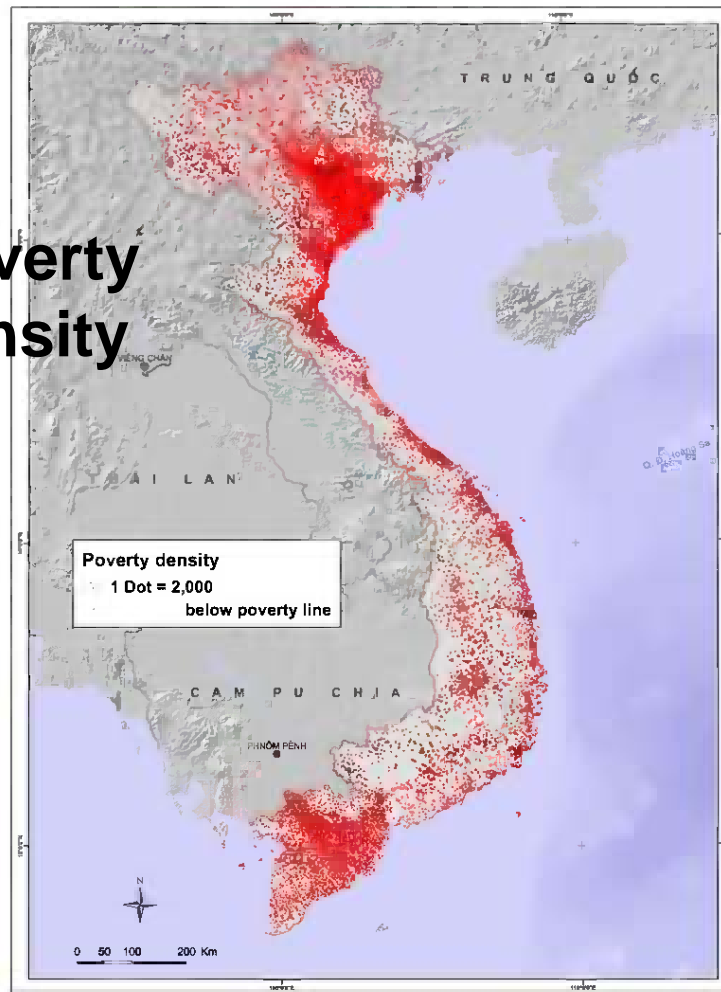
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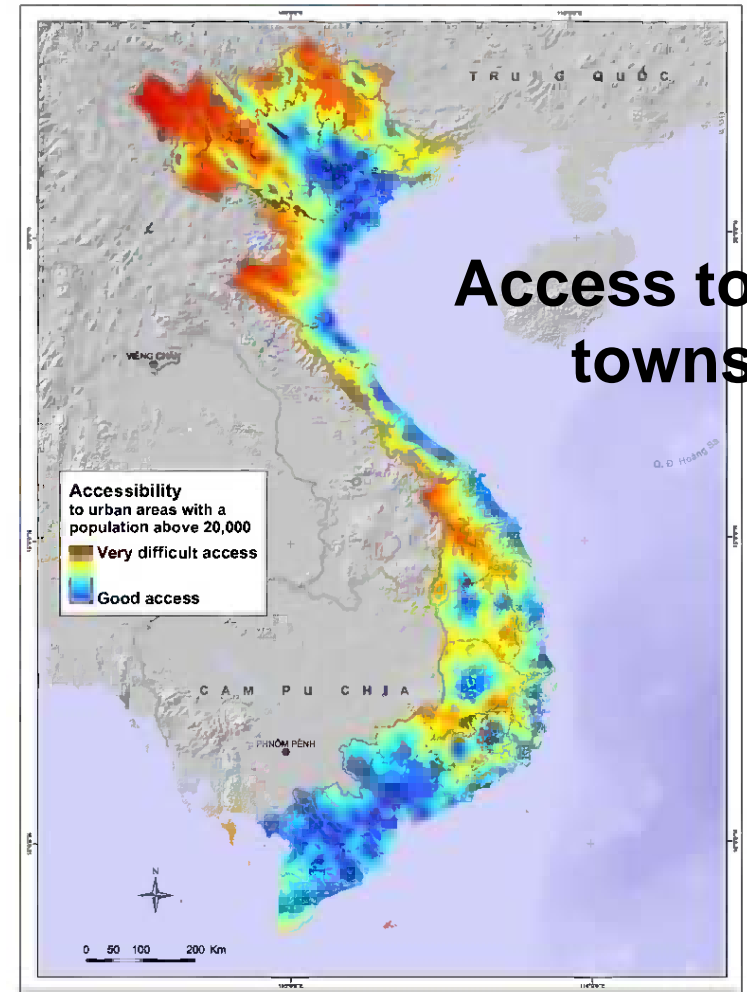
Poor people in busy areas:

POULTRY KEEPING AND POVERTY

Poverty
density



Access to
towns



Sources: Minot et al 2006 & Epprecht 2004



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Conclusions

- Nearly all poor rural households in the mountainous parts of Vietnam depend to some degree on poultry.
- The majority of Vietnam's poor poultry keepers are smallholders, living in the densely populated lowlands, where market transactions and movement of goods, livestock and people are most frequent.
- Potentially unpopular control measures carry the greatest risk of failure in poor, remote areas of Vietnam.

