



# Avian Influenza Fact Sheet

## Poultry Production Sectors

### Sector 1

Industrial integrated system with high level biosecurity and birds/products marketed commercially (e.g. farms that are part of an integrated broiler production enterprise with clearly defined and implemented standard operating procedures for biosecurity).

### Sector 2

Commercial poultry production system with moderate to high biosecurity and birds/products usually marketed commercially (e.g. farms with birds kept indoors continuously; strictly preventing contact with other poultry or wildlife).

### Sector 3

Commercial poultry production system with low to minimal biosecurity and birds/products entering live bird markets (e.g. a caged layer farm with birds in open sheds; a farm with poultry spending time outside the shed; a farm producing chickens and waterfowl).

### Sector 4

Village or backyard production with minimal biosecurity and birds/products consumed locally.

**Source:** *FAO Recommendations on the Prevention, Control and Eradication of Highly Pathogenic Avian Influenza (HPAI) in Asia*, September 2004

The following graphic develops this classification further in tabular form.

| Poultry production system                  | Industrial and integrated production | Commercial poultry production |                   | Village or backyard production |
|--|--------------------------------------|-------------------------------|-------------------|--------------------------------|
|  |                                      | Sector 2                      | Sector 3          |                                |
| Sector                                     | Sector 1                             | Sector 2                      | Sector 3          | Sector 4                       |
| Type of confinement                        | Indoors                              | Indoors                       | Indoors/outdoors  | Not confined                   |
| Housing                                    | Closed                               | Closed                        | Closed/open       | Minimal                        |
| Biosecurity                                | High                                 | Medium                        | Low               | Low                            |
| Dependence on markets for inputs           | High                                 | High                          | High              | Medium to low                  |
| Market outputs                             | Export/urban                         | Urban/rural                   | Urban/rural       | Rural/none                     |
| Contact with other poultry                 | None                                 | None                          | Yes               | Yes                            |
| Contact with domestic ducks and wild birds | None                                 | None                          | Possible          | Possible                       |
| Veterinary services                        | Own services                         | Contract services             | Contract services | Irregular or none              |

**Source:** *A Strategic Framework for HPAI Prevention and Control in Southeast Asia*, Emergency Centre for Transboundary Animal Diseases (ECTAD), FAO, Bangkok, May 2006