

Traceability - Why is it important ?



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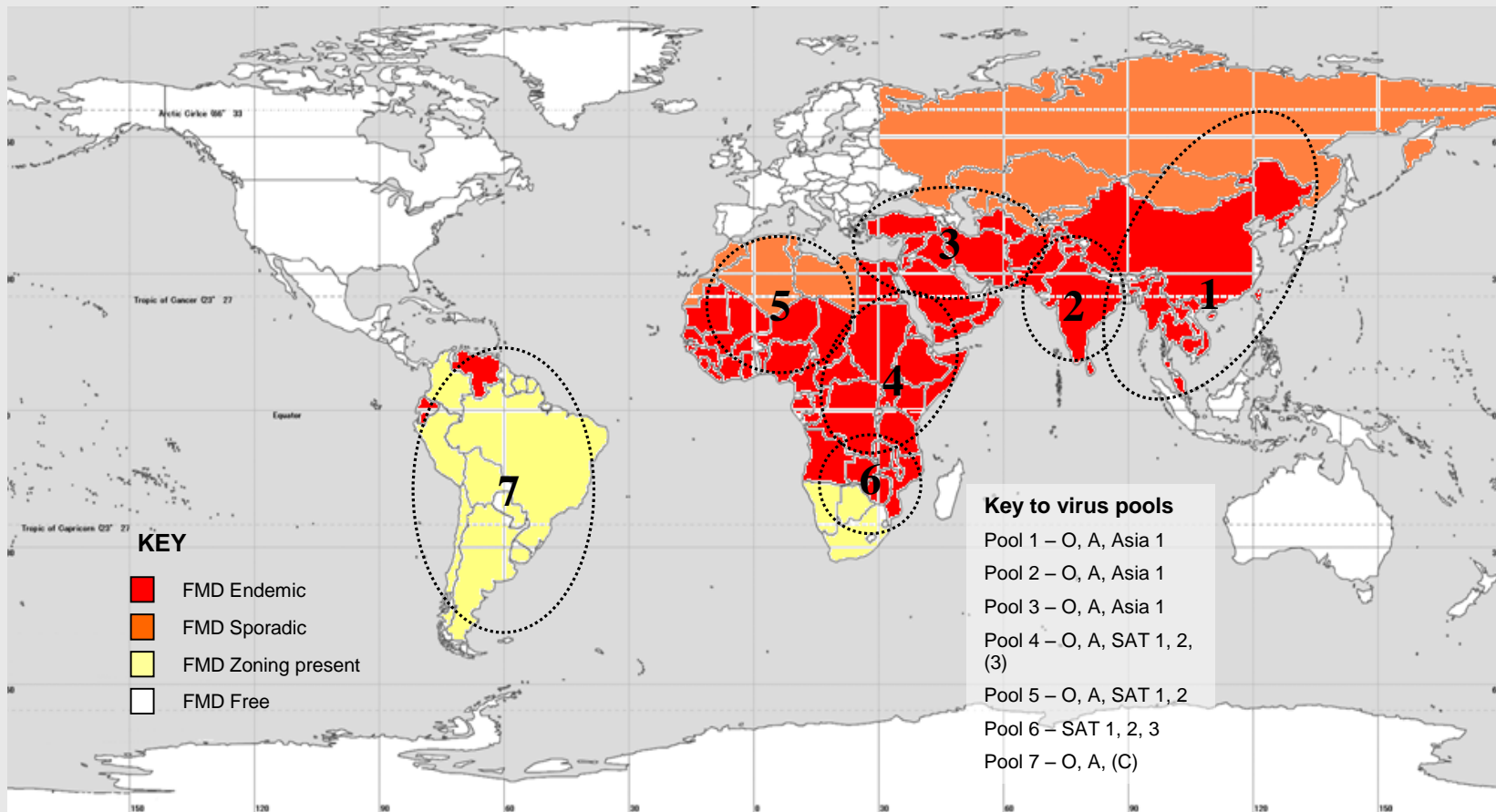
Reasons for livestock traceability

- Exotic disease control
- Food safety
- Endemic disease control
- Animal welfare
- Market access

FMD

- Foot-and-mouth disease (FMD) is a highly contagious disease affecting cattle, buffalo, camelids, sheep, goats, deer and pigs.
- The most significant impact of the disease is its effect on trade.
- ABARES (Commonwealth Government) says the cost of an outbreak in Australia may exceed \$50 billion and that the impact could continue for decades.

Where is FMD - very close!!



UK outbreak in 2001



Why Traceability?

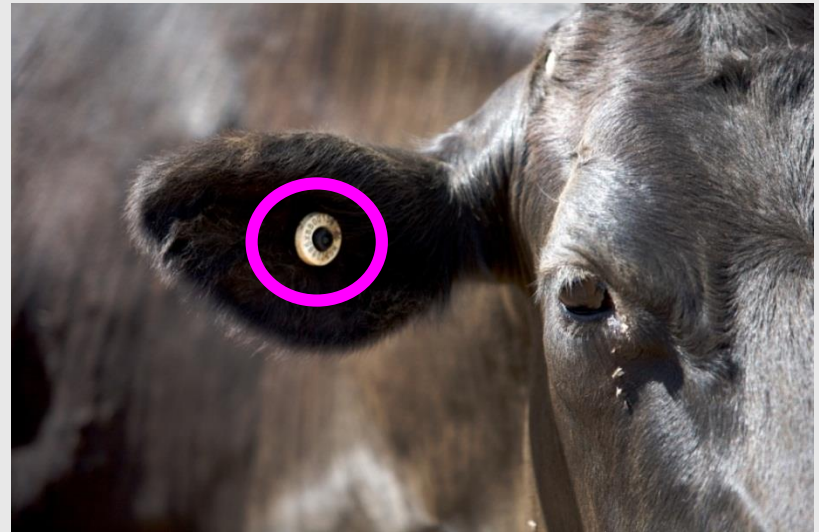
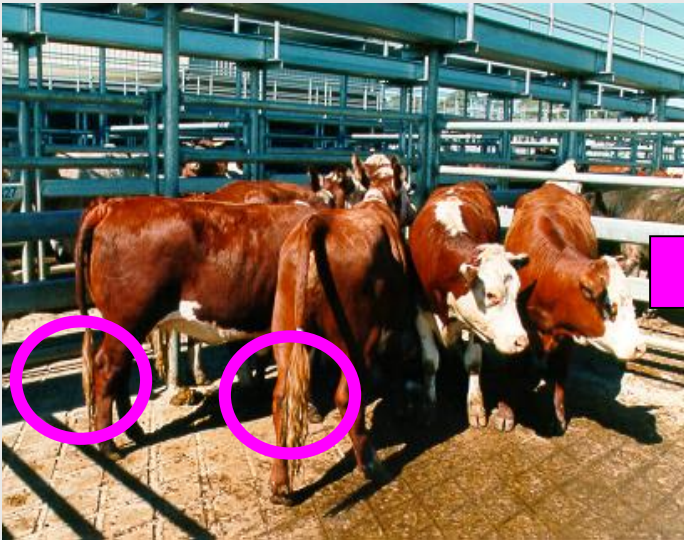
- Australia exports about 60% of its beef production, mainly to Asian and US customers
- Consumers, both in Australia and overseas, demand safe, wholesome meat and dairy products



The evolution of cattle identification

From temporary and
visual

To permanent and
electronic

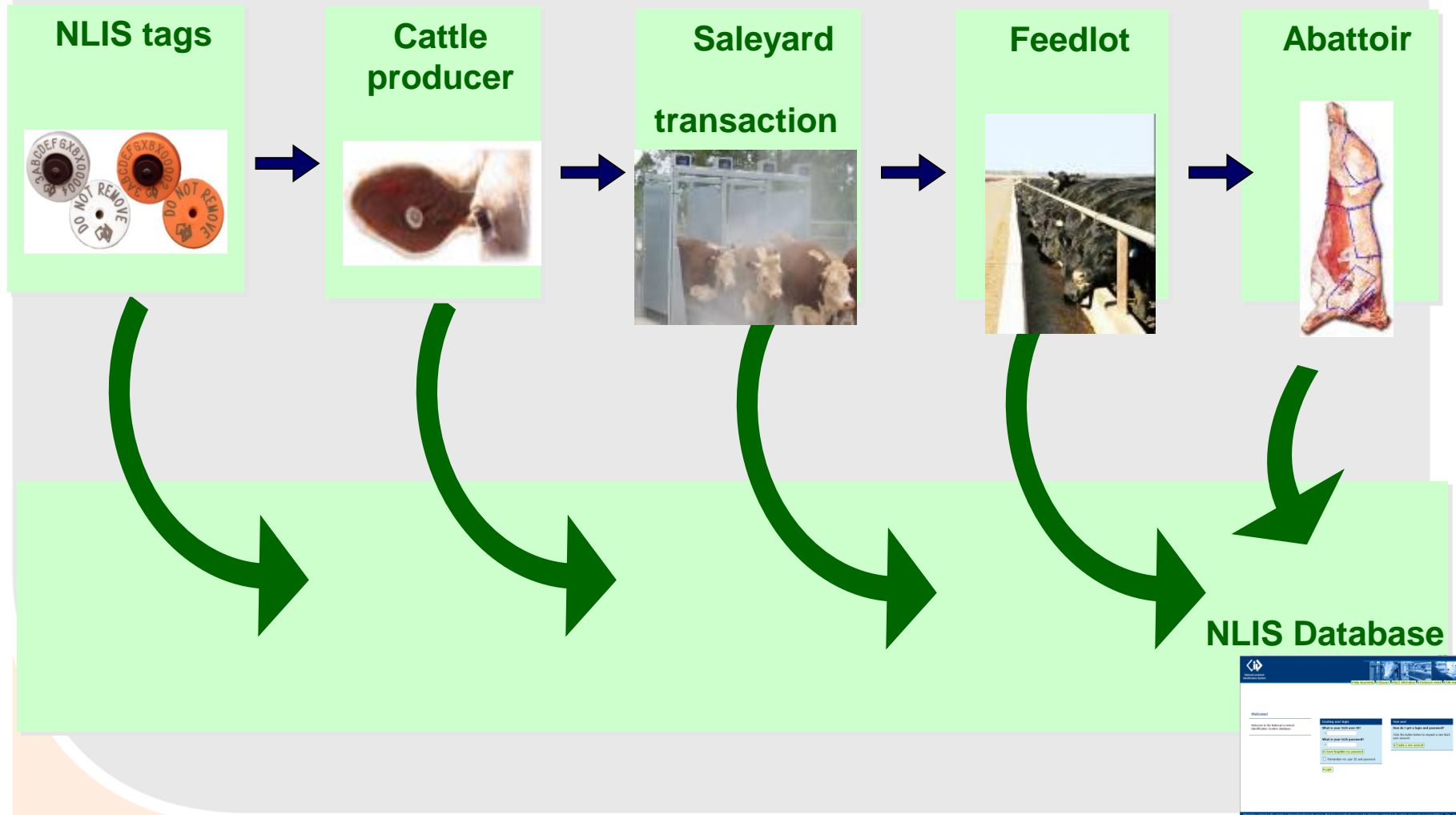


NLIS (Cattle) implementation

- Commenced in Victoria in early 1999
- The driver was a chemical contamination issue in the mid 1990s
- Phased in nationally on a mandatory basis from 2002
- The NLIS (Cattle) is now a mature system
- Successful because industry and Government have worked in partnership during implementation

How Does NLIS Work?

All animal movements are recorded on Australia's NLIS database



The NLIS database:

- On average receives 90,000 - 120,000 cattle movement records per day
- 99.5% of transactions are received electronically, with most within 24 hours of the movement
- During 2014, about 5 million cattle movements were recorded on the NLIS database involving Victorian properties

Saleyards



Saleyards

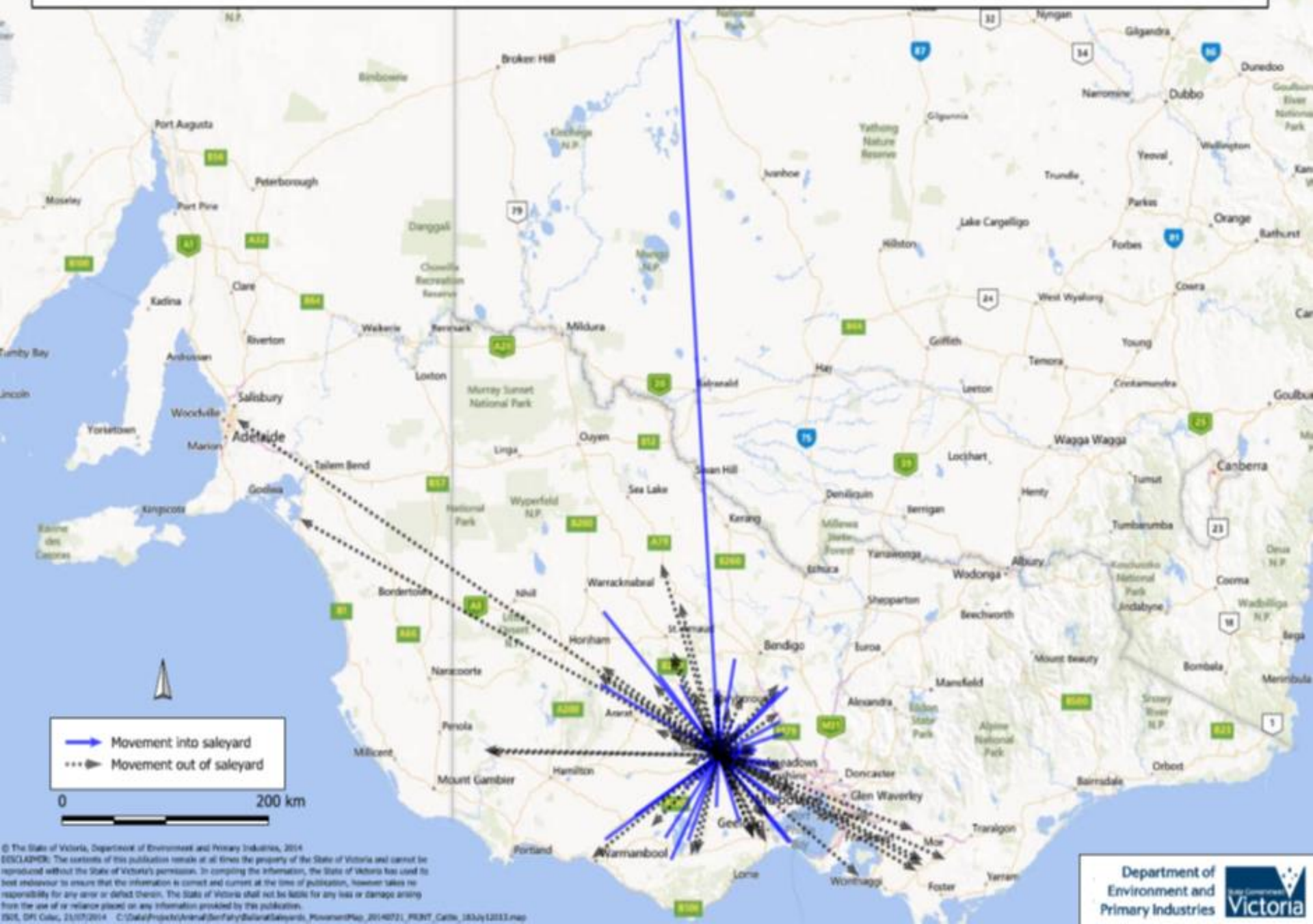


Abattoirs

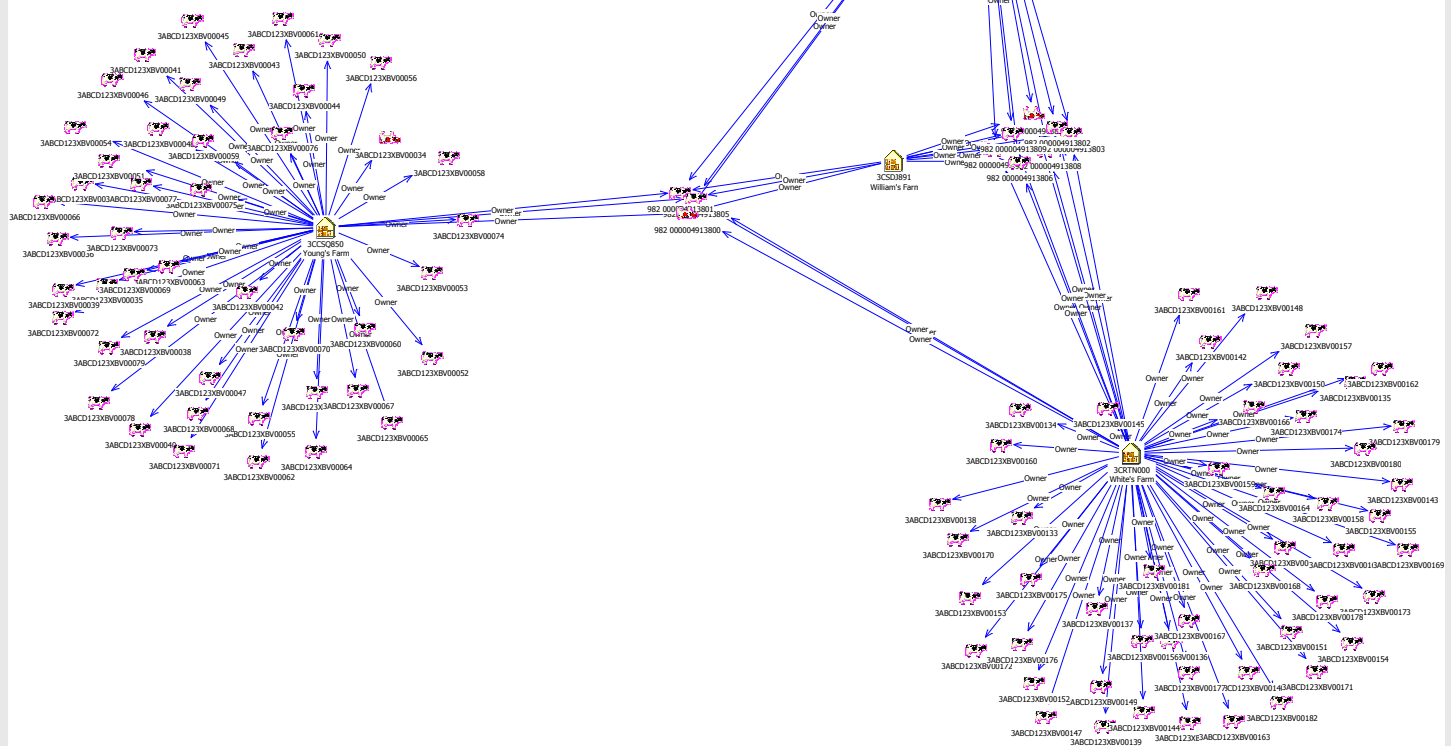




Ballarat Saleyards Cattle Movements - July 18, 2014									
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Graphical representation of properties linked by cattle movements





TV

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宝箱

Challenges remain



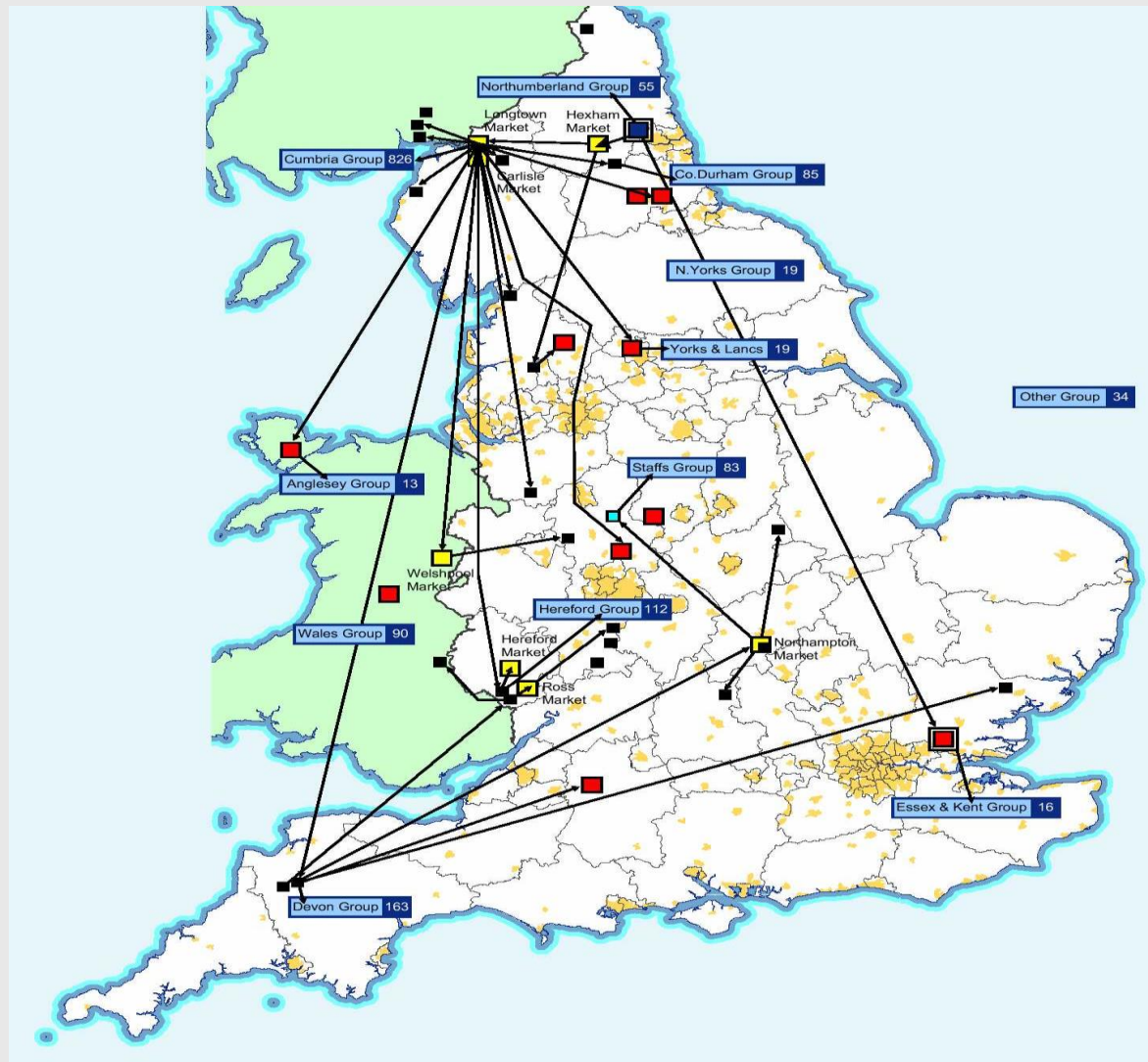
Sheep and goat identification



Infected sheep have no symptoms, or very mild FMD symptoms

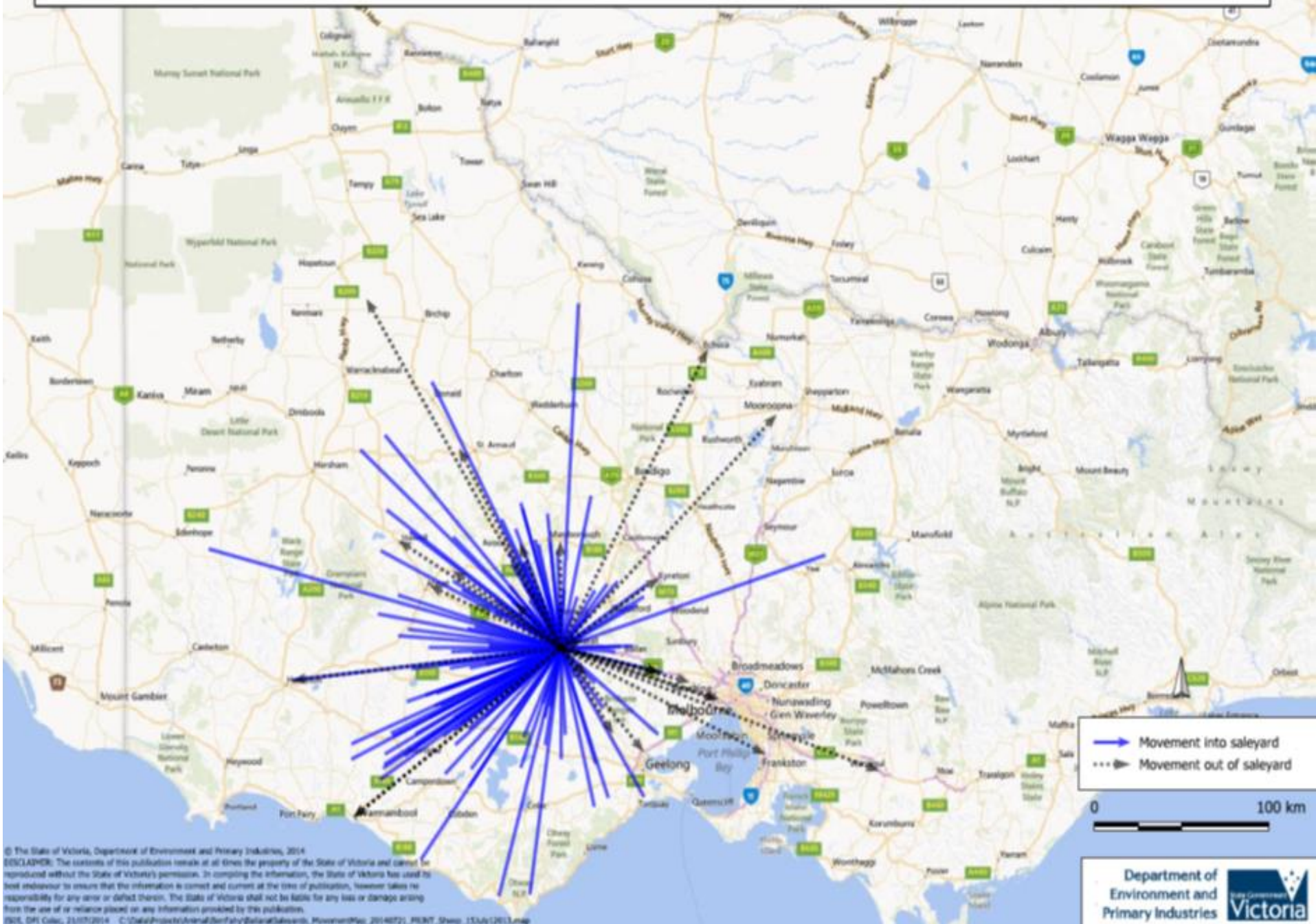


FMD spread due to sheep - UK 2001





Ballarat Saleyards Sheep Movements - July 15, 2014



The image shows 18 small, rectangular objects, likely evidence tags, arranged in two rows. The objects are in various colors and some have markings.

Top Row (10 objects):

- Orange tag with "ND31" and "0040"
- Orange tag with "ND31" and "0040"
- Yellow tag with "ND31" and "0049"
- Brown tag with "3CEB" and "W039"
- Brown tag with "3CEB" and "W039"
- Pink tag with "ND31" and "0040"
- Pink tag with "ND31" and "0040"
- Pink tag with "ND31" and "0040"
- Brown tag with "3CEB" and "W039"
- Brown tag with "3CEB" and "W039"

Bottom Row (8 objects):

- Blue tag with "ND31" and "0040"
- Blue tag with "ND31" and "0040"
- Blue tag with "ND31" and "0040"
- Yellow tag with "ND31" and "0040"
- Yellow tag with "ND31" and "0040"
- Red tag with "ND31" and "0040"
- Red tag with "ND31" and "0040"
- Red tag with "ND31" and "0040"

NVD supplied with a consignment of non-vendor bred sheep

NATIONAL VENDOR DECLARATION (SHEEP AND LAMBS) AND WAYBILL					
S0410			11099578		
Part A To be completed by the owner or person who is responsible for the husbandry of the sheep or lambs.					
Owner of sheep or lambs _____ (FULL TRADING NAME)					
Property/place where the journey commenced _____ (ADDRESS CONTAINED)					
Property Identification Code (PIC) of this property _____ (THIS MUST BE THE PIC OF THE PROPERTY THAT THE STOCK IS BEING MOVED FROM)					
Description of sheep or lambs					
Number	Year born (DPOF)	Description (BRED, SEX & TYPE E.G. CROSSBRED, WETHER, LAMB)	Month of shearing	PICs on Ear Tags/Brands (IF DIFFERENT TO PIC SHOWN ABOVE)	Earmarks (IF PRESENT OR REQUIRED)
141	2012	X BRED LMS	OCT	3SPSR153	SD
				3DIME010	SD
				3LNSM073	SD
				3GNE003	SD
				3HPVA020	SD
141	Total				
Hours off feed and water before transporting _____					
Consigned to _____ (NAME OF PERSON OR BUSINESS)					
(ADDRESS) _____ (TOWN/CITY) _____ (STATE) _____					
Destination (if different) of sheep or lambs _____ (FULL ADDRESS)					
Details of other statutory documents relating to this movement e.g. animal health certificate					
MSA 4702 NUMBER _____ OFFICE OF ISSUE _____ EXPIRY DATE _____					
<p>1 Have these sheep or lambs been raised consistent with the rules of an independently audited QA program on the property the PIC of which is shown above?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, give details: _____ NAME OF PROGRAM _____ ACCREDITATION OR LICENSE NO. _____</p> <p>2 Have all the sheep or lambs in this consignment been treated with a Scabby Mouth Vaccination either at marking or at least 14 days prior to their presentation for sale?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>3 Has the owner stated above owned these sheep or lambs since their birth?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If NO, how long ago were the sheep or lambs obtained or purchased? If NO, Either list in the Description Table in Part A all PIC numbers (other than the PIC printed above) on tags of sheep in this consignment OR tag all animals with a pink post breeder tag that has your PIC.</p> <p>A. Less than 2 months <input type="checkbox"/> B. 2-6 months <input checked="" type="checkbox"/> C. 6-12 months <input type="checkbox"/> D. more than 12 months <input type="checkbox"/></p> <p>Are any of the sheep or lambs in this consignment still within a Withholding Period (WHP) or Export Slaughter Interval (ESI) following treatment with any veterinary drug or chemical?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, give details: (Record additional details in question 7) _____</p>					
CHEMICAL PRODUCT _____ TREATMENT DATE _____ WHP _____ ESI (IF SAT) _____					
<p>5 In the past 60 days, have any of the sheep or lambs in this consignment consumed any material that was still within a withholding period when harvested, collected or first grazed?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, give details: _____</p> <p>CHEMICAL PRODUCT _____ DATE HARVESTED _____ GRAZING VHP _____ DATE FIRST REGRAZED _____ DATE FEEDING/GRAZING CEASED _____</p> <p>6 Have the sheep or lambs in this consignment ever in their lives been fed feed containing animal fats? (See Explanatory Notes)</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>7 Please include any additional information below eg: vaccination programs, animal health certification, additional declarations, etc.</p> <p>RUSSIAN + SAUDI FLEXIBLE</p>					
Declaration					
<p>I, FULL NAME _____ FULL ADDRESS _____</p> <p>DAYLESFORD RD NEULYN VIC.</p> <p>declared that, I am the owner or the person responsible for the husbandry of the sheep or lambs and that all the information in part A of this document is true and correct. I also declare that I have read and understood all the questions that I have answered, that I have read and understood the explanatory notes, and that, while under my control, the sheep or lambs were not fed restricted animal material (including meat and bone meal) in breach of State or Territory legislation.</p> <p>Signature* _____ Date* 4 / 12 / 2013</p> <p>*Only the person whose name appears above may sign this declaration, or make amendments which must be initialed.</p> <p>Tel no. _____ Fax no. _____</p>					
Part B To be completed by the person in charge of the sheep or lambs while they are being moved. Completion of this part is optional in SA and VIC.					
Movement commenced: _____ / _____ / 20 _____ (am/pm)					
Vehicle registration number(s)*: _____					
<p>I, FULL NAME _____ am the person in charge of the sheep or lambs during the movement and declare all the information in Part B is true and correct.</p> <p>Signature _____ Date _____ / _____ / 20 _____ Tel no. _____</p> <p>*When more than one truck is carrying the sheep or lambs, other vehicle registration numbers are to be recorded.</p>					
Part C Agents declaration for sheep or lambs sold at auction. (Completion of Part C is optional.)					
Agents completing Part C should retain the original or a scanned copy of the original declaration for a minimum of two (2) years, or three (3) years in WA and supply a copy or summary to any buyer on request.					
Vendor code _____ Agent's code _____					
Stock agent company _____					
Buyer's name _____ Destination PIC _____					
No. of sheep or lambs purchased _____ Saleyard arrival time (am/pm) _____					
Agent's signature _____ Date _____ / _____ / 20 _____					

Sheep with an electronic tag



Carcass tracking



An FMD outbreak will start in pigs and transmit to ruminants









Thank you