

TASMANIAN RED MEAT UPDATES

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Integrity Systems Company



Integrity Systems

red meat customer assurance

A subsidiary of Meat & Livestock Australia



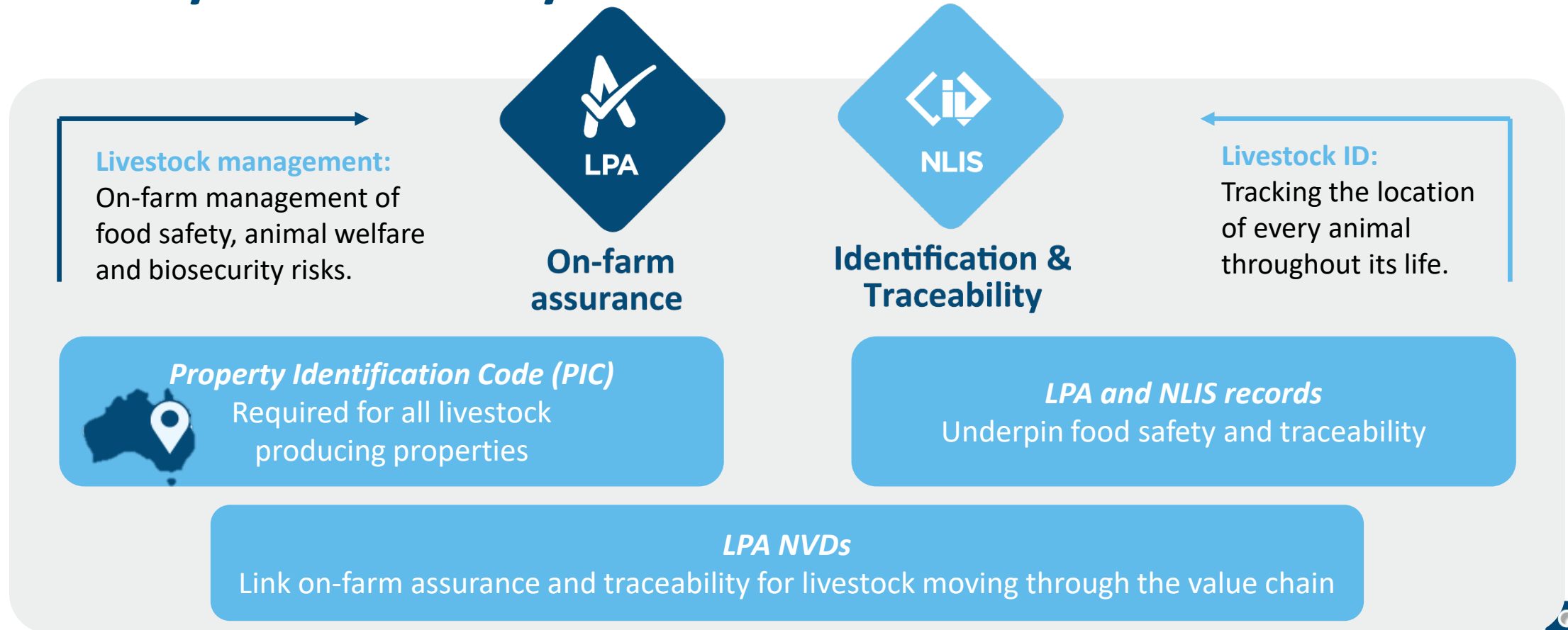
Stand by what you sell

Today's agenda

- Integrity Systems Company
- National Livestock Identification System (NLIS)
- Livestock Production Assurance (LPA)
- National Vendor Declarations (NVDs)



ISC manages the two programs that work together to underpin **food safety & traceability** on-farm



Why it's so important!

Mad cow disease UK:

Could mad cow disease come back?
What are the symptoms?

Consumer groups rate fast-food chains on their use of beef produced with antibiotics

Race for African swine fever vaccine as disease kills estimated 200 million pigs globally

New foot-and-mouth disease case confirmed in Limpopo

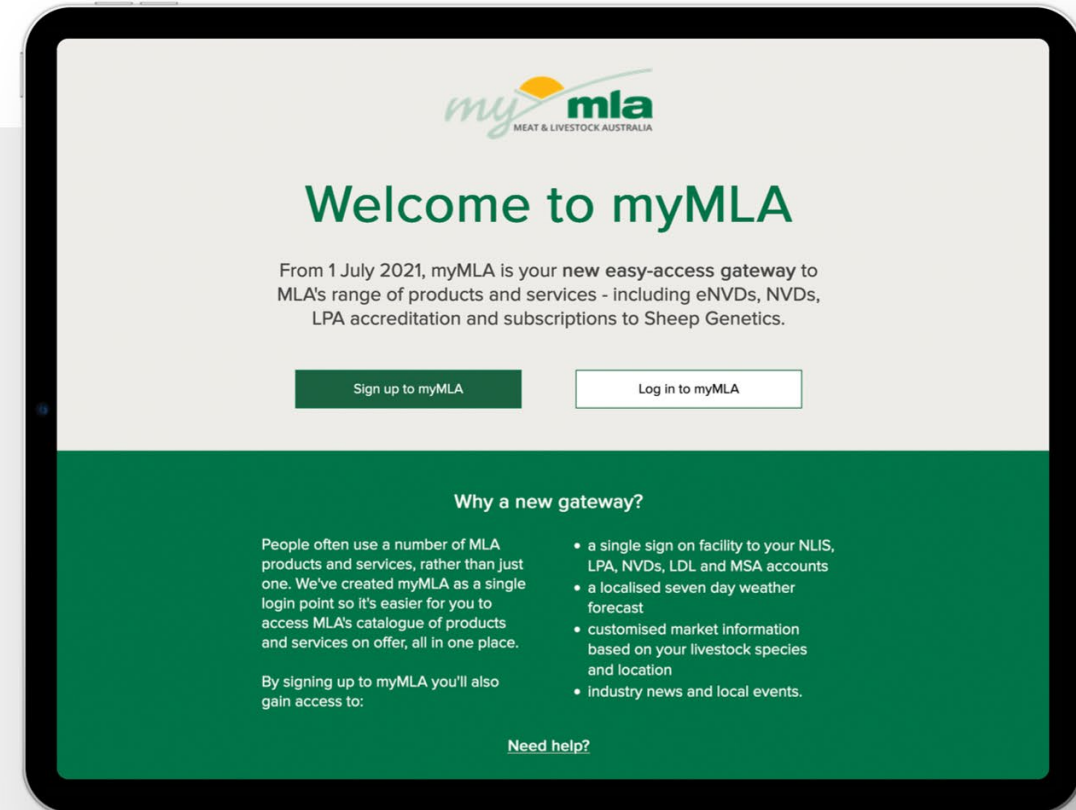
Defra plans to introduce new system to record livestock movements by next September

We all have a role to play to stand by what we sell
FMD (Bali) - Lumpy Skin Disease – Japanese Encephalitis



The new gateway - myMLA

- Personalised market information
- Automatically directed here to access LPA account
- Optional to use for access to all of your industry accounts (NLIS, LDL, MSA)
- Access integrity systems products and services (eNVDs, NVDs, LPA accreditation)



NLIS ... what it means on-farm

NLIS combines three elements to enable the lifetime traceability of animals:



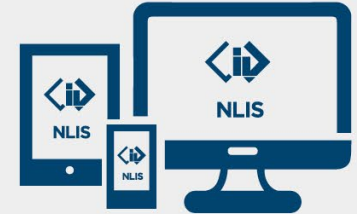
National Livestock
Identification System



1. ALL LIVESTOCK ARE IDENTIFIED BY A VISUAL
OR ELECTRONIC EARTAG/DEVICE



2. ALL PHYSICAL LOCATIONS ARE IDENTIFIED BY MEANS
OF A PROPERTY IDENTIFICATION CODE (PIC)



3. ALL LIVESTOCK LOCATION DATA AND MOVEMENTS
ARE RECORDED IN A CENTRAL DATABASE



Animal identification - traceability

- All animals leaving a property must be identified with an NLIS accredited tag or device before moving
- Once tagged, the tag should remain with the animal for life – **do not remove**
- Cattle must be tagged with an electronic (RFID/eID) device – these devices can be assigned statuses, just like PICs
- Sheep and goats must be tagged with an NLIS accredited ear tag or device – either eID or visual



Breeder tags are used for animals born on your PIC – white for cattle, year of birth colour for sheep and goats. Post breeder tags are applied to animals when they are no longer on their PIC of birth –orange for cattle and pink for sheep and goats.



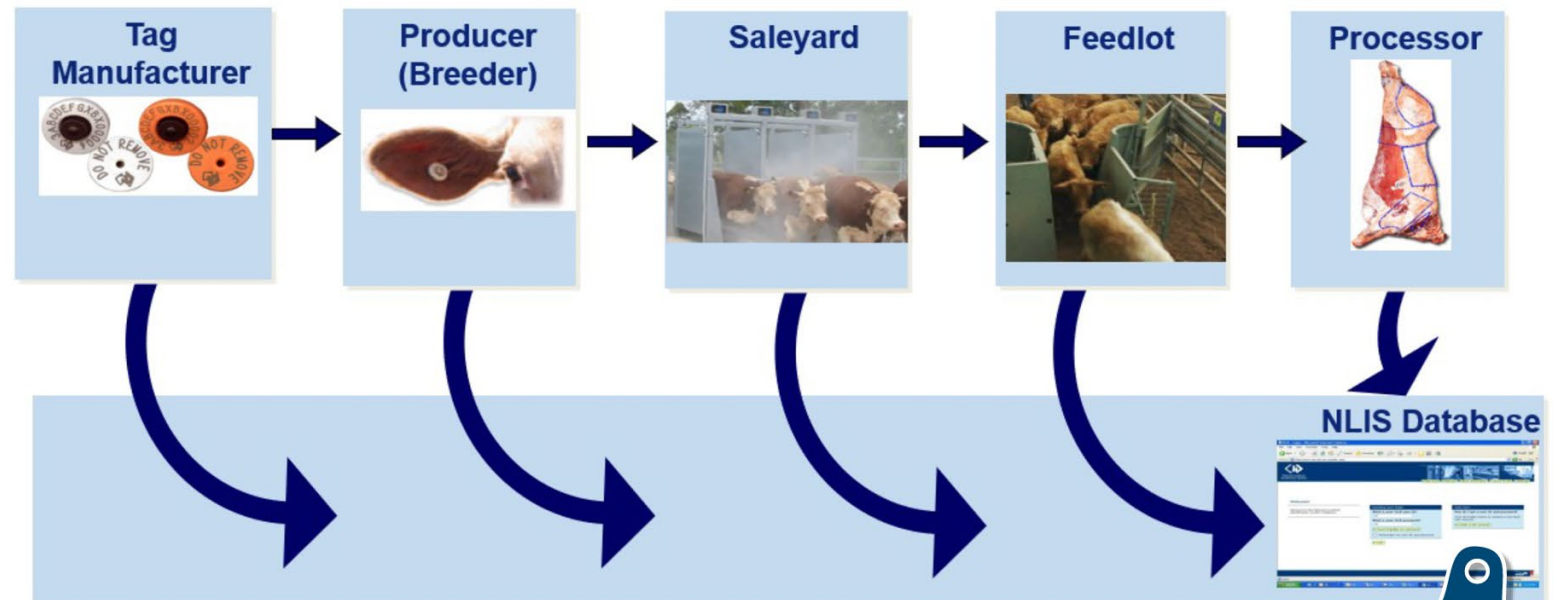
National Livestock Identification System



NLIS Database

The NLIS database accommodates:

- 200,000 farms
- 300 million devices
- 130,000 account holders
- 8000 interactions per day
- Average of 55,000 – 100,000 cattle movements recorded per day
- 99% of transactions are processed in under 30 minutes
- **Receiver does the transfer**



Livestock Production Assurance



The LPA program is the on-farm assurance program that underpins market access for Australian red meat.

LPA National Vendor Declarations (NVDs) provide evidence of livestock history and on-farm practices when transferring livestock through the value chain.

- 180,000 accredited PICs
- LPA-reaccreditation occurs every 3 years
- Online learning modules provided based on 7 requirements
- Animal Welfare Certificate
- 3500 audits annually



LPA ... what it means on-farm

LPA accredited producers commit to carry out on-farm practices that support the integrity of the entire system. This is verified when producers sign LPA NVDs for livestock movements:



1. PROPERTY RISK ASSESSMENT



2. SAFE AND RESPONSIBLE ANIMAL TREATMENTS



3. STOCK FOODS, FODDER CROPS, GRAIN AND PASTURE TREATMENT



4. PREPARATION FOR DISPATCH OF LIVESTOCK



5. LIVESTOCK TRANSACTIONS AND MOVEMENTS



6. BIOSECURITY



7. ANIMAL WELFARE



LPA NVD ... what it means on-farm

LPA NVDs bring together all on-farm assurance, identification and traceability details - the basis for ensuring a safe and traceable food product.



LPA NVD



1. THE LPA NVD CAPTURES FOOD SAFETY INFORMATION ON EVERY ANIMAL, EVERY TIME IT MOVES FROM PROPERTY TO PROPERTY, TO PROCESSORS OR SALEYARDS.



2. NVDs PROVIDE EVIDENCE OF LIVESTOCK HISTORY AND ON-FARM PRACTICES WHEN TRANSFERRING LIVESTOCK THROUGH THE VALUE CHAIN.



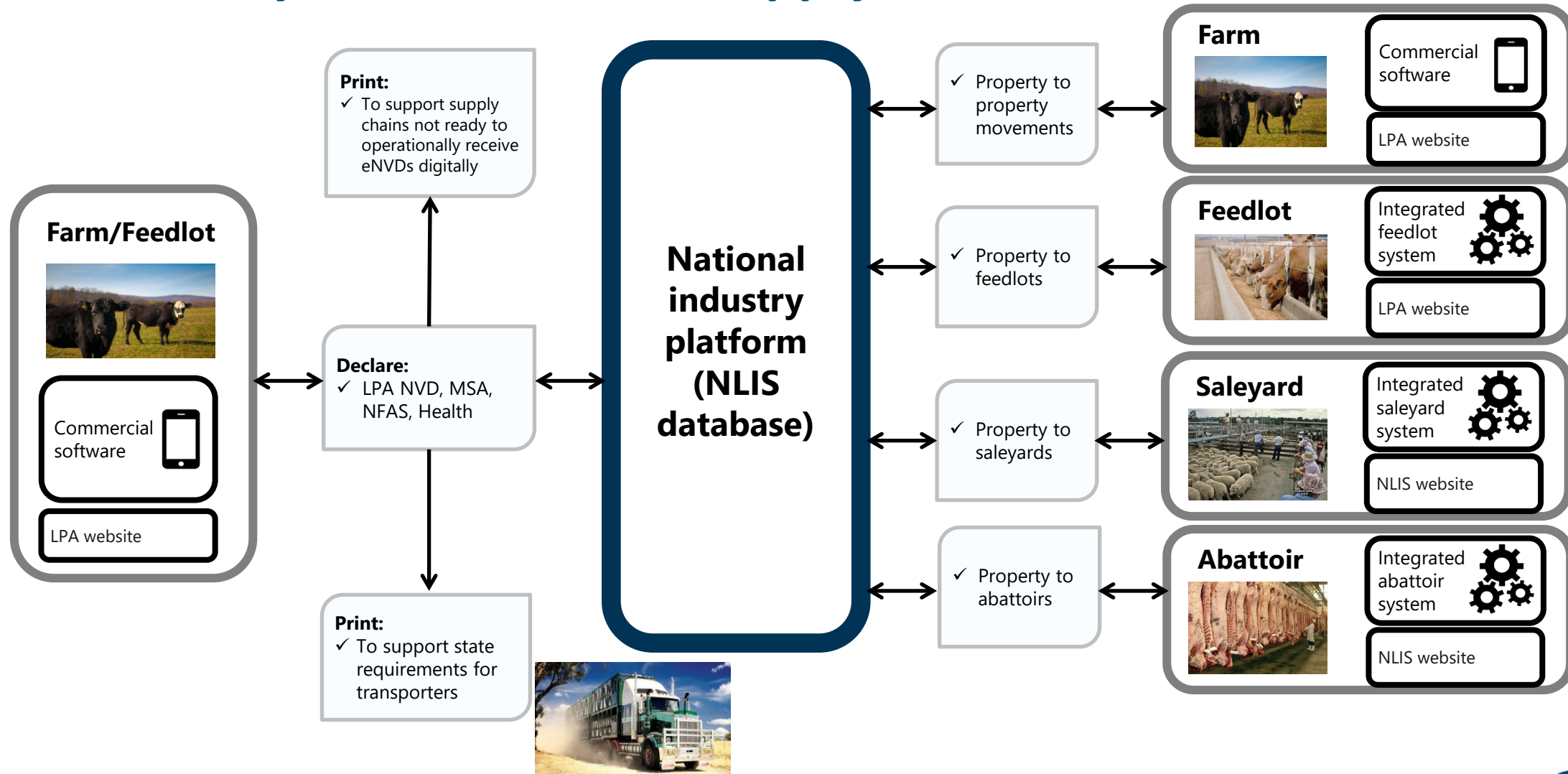
The eNVD system

The mobile-friendly, user-centric eNVD system is available to LPA accredited producers, feedlots and value chain stakeholders. It is:

- Mobile friendly and always uses the latest form versions
- Reduces time and duplication completing forms
- Can be printed at any time and completed at the yards
- Stored online
- Always available (even in emergencies)
- Simplifies LPA audits - it will all be in one place and easy for the auditor to find
- \$30 discount on LPA Accreditation if using eNVDs
- New features and enhancements will be routinely released in response to feedback
- Incorporates LPA, MSA, NFAS and animal disease and defect declarations



The eNVD system across the supply chain

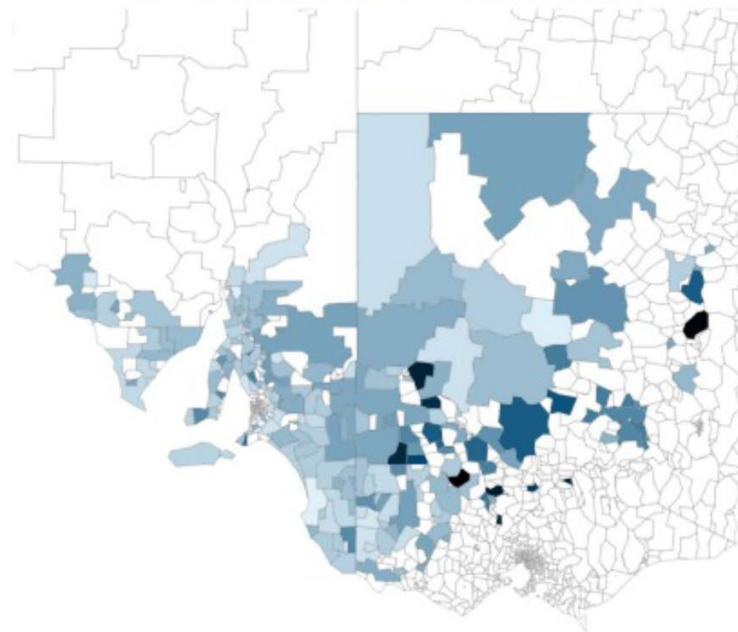


Data and feedback

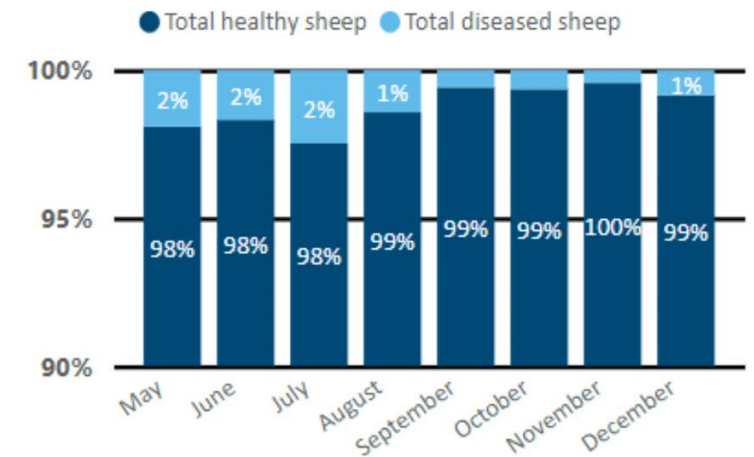
- By October 2022, LDL will receive a facelift with the goal of releasing a new single Future Feedback system
- This new tool with focus on sheepmeat disease and defect data from AHA and beef data from five processors to provide more complex analytics on productivity effects of disease
- The goal is for uptake of the system by industry to increase to facilitate an annual release of amalgamated national and state disease and defect predictors and provide accurate seasonal tracking.



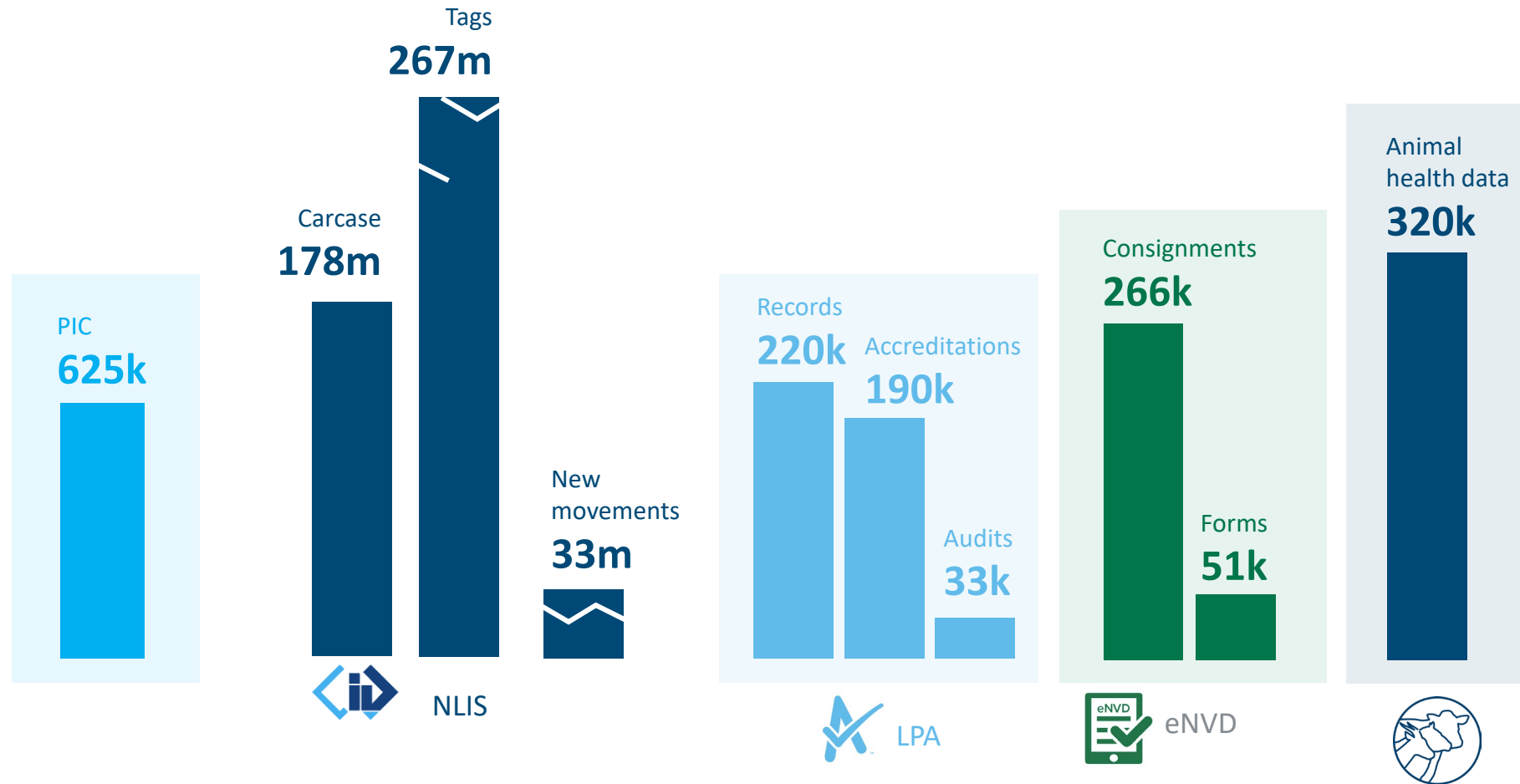
Disease prevalence by postcode



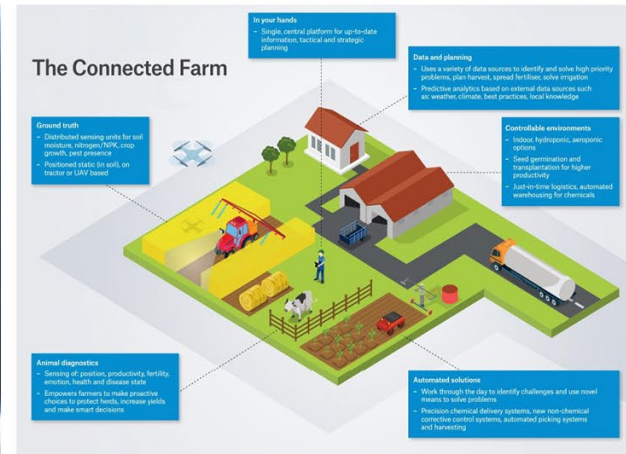
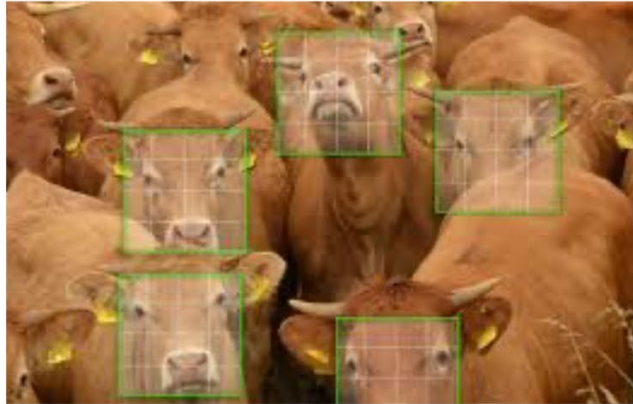
Disease incidence



Our integrity systems are built on data



What's next...



COVID-19 Digital Certificate

NSW GOVERNMENT

Medicare online account ✓

Express Plus Medicare App ✓

My Health Record ✓

Service NSW App ✓

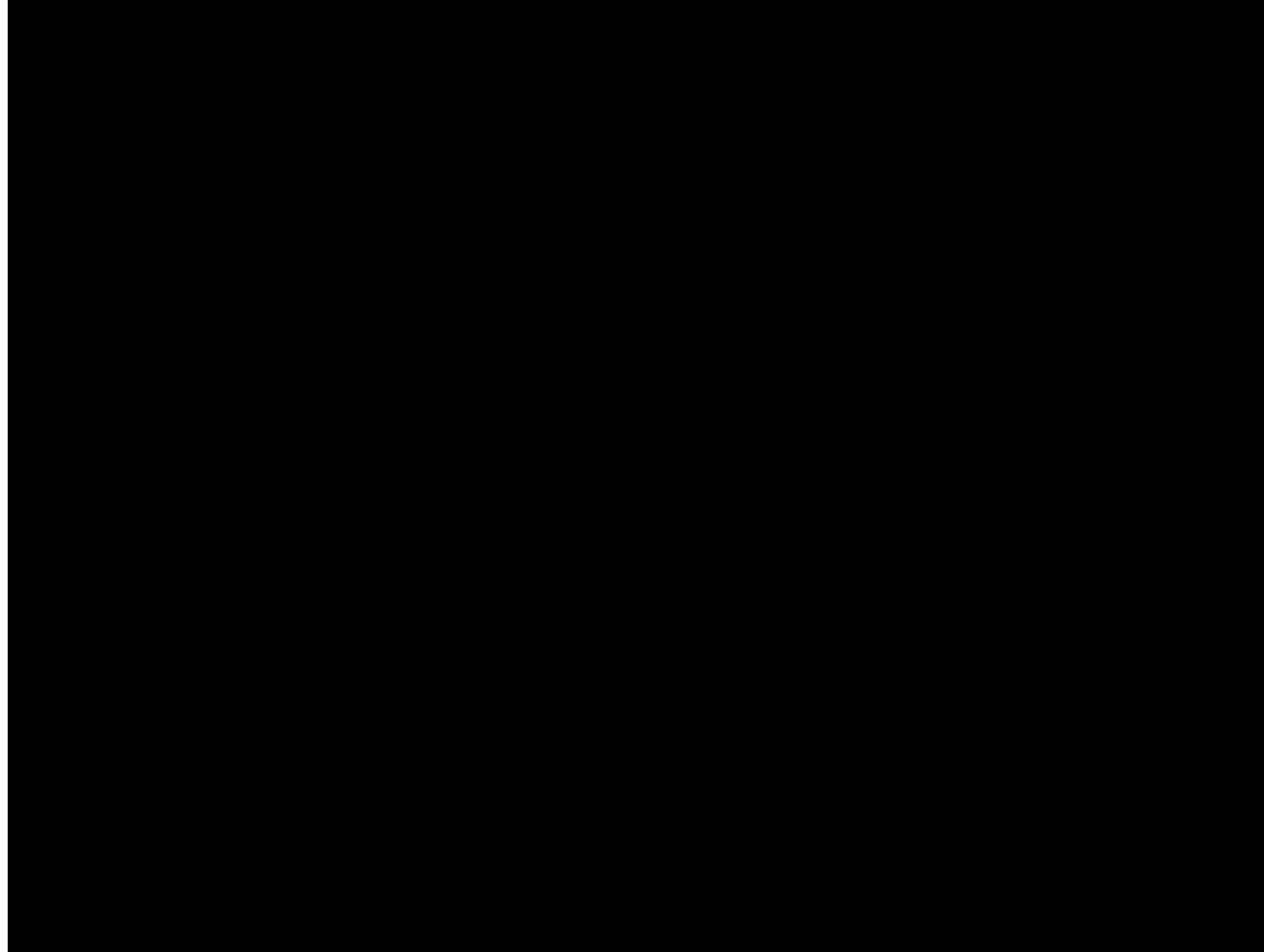
The Australian Immunisation Register ✓

Immunisation history statement

COVID-19 immunisation status: ✓



Traceability underpins our markets ...



Thank you
ANY QUESTIONS?

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