

TOWARDS IMPROVED POULTRY SURVEILLANCE IN ENGLAND AND WALES

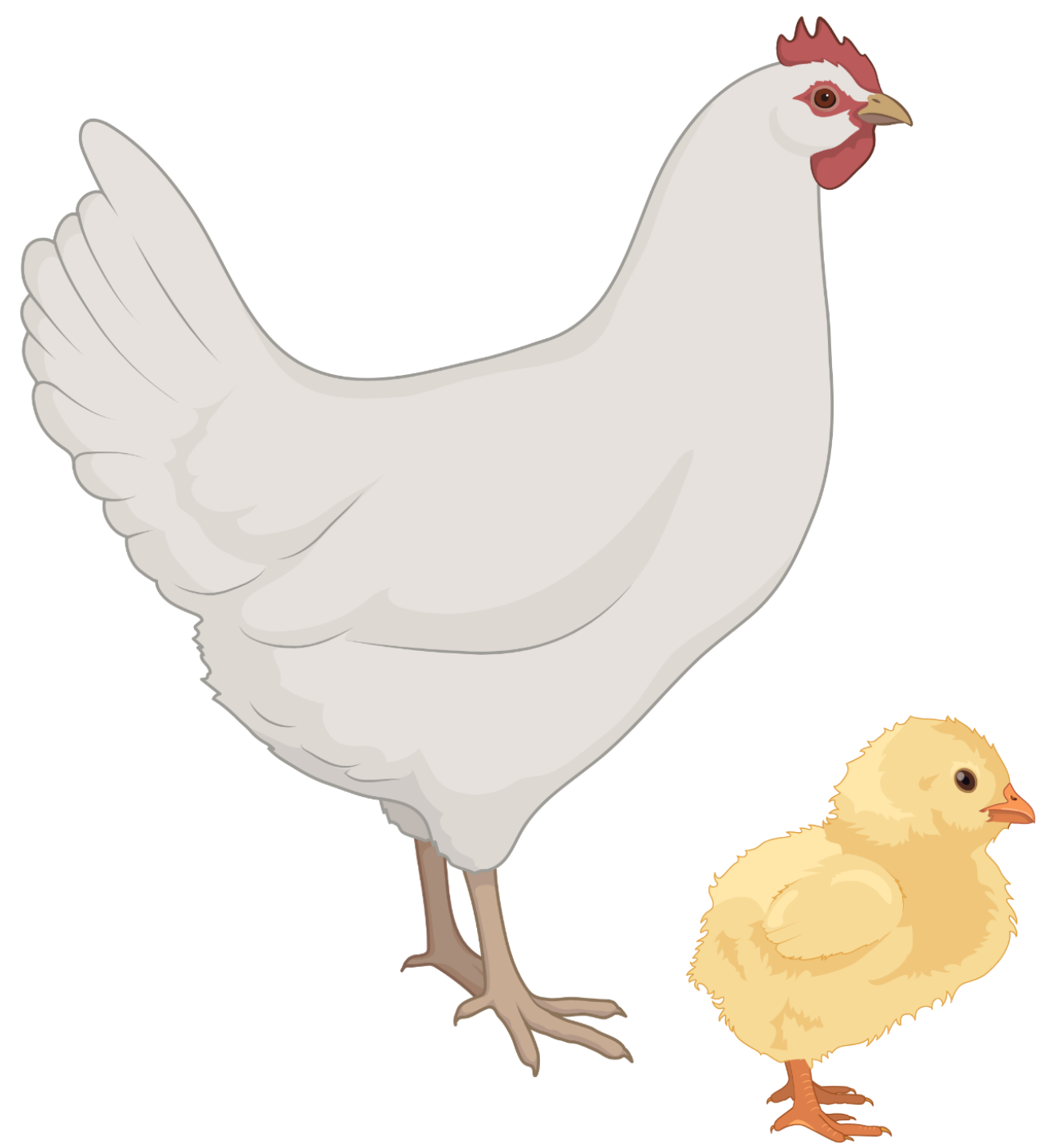


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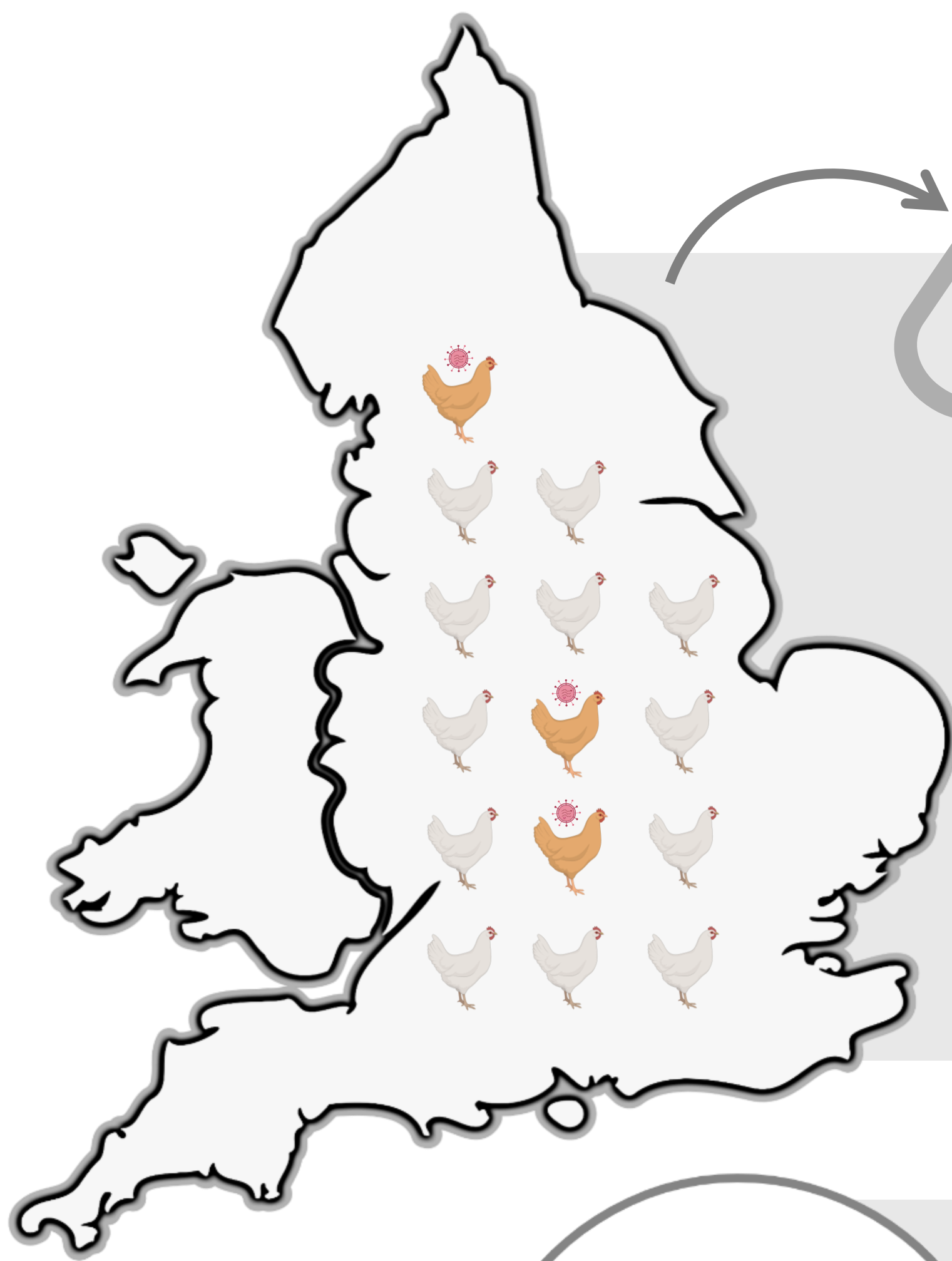
Poultry scanning surveillance

BACKGROUND

Early detection of new and emerging infectious diseases.

Voluntary participation – stakeholders' engagement

Under-reported disease levels in other species.



Objective 1: SURVEILLANCE EVALUATION

Is the current poultry scanning surveillance fulfilling its objective?

Evaluation: Attributes assessment (Coverage, sensitivity, bias... and more)

Identify areas for improvement

Create recommendations for decision-makers

Will you inform to APHA?

Why?



Objective 2: MOTIVATIONS AND BARRIERS

Mixed methods: Quantitative and qualitative study

Explanatory sequential method. Questionnaires and interviews.

Understand factors influencing poultry stakeholders' engagement with scanning surveillance

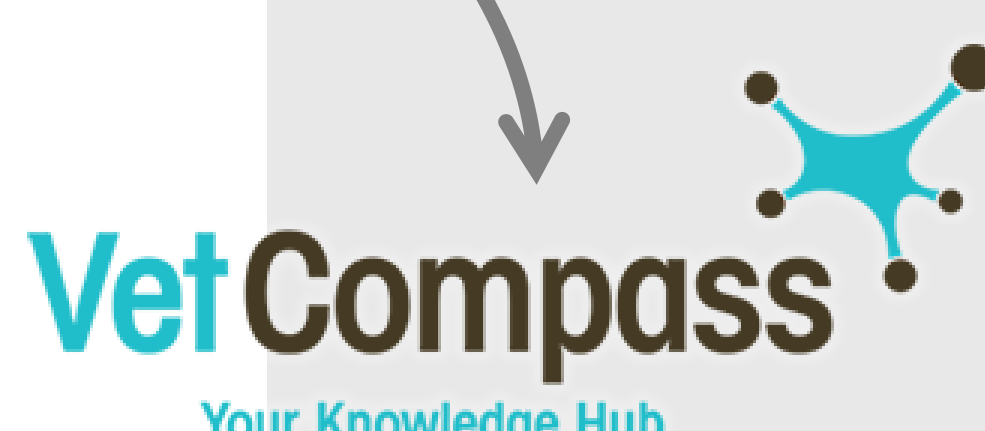
Objective 3: ENHANCE SURVEILLANCE

Explore alternative sources for health surveillance

Veterinary practices – Electronic health records

1) Common disorders – primary care veterinary practices

2) Data collection of large poultry veterinary practices



Health records

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KEY REFERENCES

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2. Rodriguez-Prieto, V., Vicente-Rubiano, M., Sanchez-Matamoros, A., Rubio-Guerri, C., Melero, M., Martinez-Lopez, B., Martinez-Aviles, M., Hoinville, L., Vergne, T., Comin, A., Schauer, B., Dorea, F., Pfeiffer, D.U. and Sanchez-Vizcaino, J.M. (2015) 'Systematic review of surveillance systems and methods for early detection of exotic, new and re-emerging diseases in animal populations', *Epidemiol Infect.*, 143(10), 2018-42, available: <http://dx.doi.org/10.1017/S095026881400212X>

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