



# AHDB Information flow in the meat chain

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# Content

- BPHS-an overview
- BPHS CCIR Transition Project
- Collaboration

# Background to BPHS

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- **The BPEX Pig Health Scheme (BPHS) is an industry-sponsored health monitoring scheme established in 2005**
- **It monitors English pigs at slaughter for incidence and severity of animal disease on member farms, to help pig producers reduce the level of sub-clinical disease within their herds**



Vets



50 pigs



12 lesions

Assessment



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**Lungs related conditions**

Enzootic pneumonia like lesions	Presence of viral-like lesions	Pneumonia like lesions	Abscess	Pyaemia	Pleurisy
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**Liver**

Milk spot	Hepatic scarring
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**Heart**

Pericarditis
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**Abdomen**

Peritonitis
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**Body**

Tail biting	<b>Skin</b>
	Papular dermatitis



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Vets



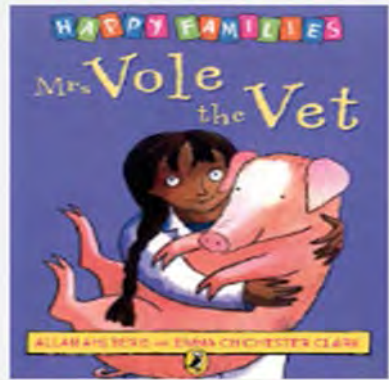
50 pigs



12 lesions

### Assessment

48 hrs



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# Individual batch report

**British Pig Health Scheme** | Interpretation of producer report sheets


**What does each section of the report mean?**

Below is an example of a SP15 individual batch report with explanations for each section.

**British Pig Health Scheme** | Interpretation of producer report sheets

This graph represents the distribution of examined pigs with EP-like lesions in the lungs. The graph shows how many pigs with EP-like lesion scores were found in each range: 0, 1-10, 11-20, 21-30, 31-40 and 40-55. EP-like lesions are examined on a scale of 0-55 with 0 being no EP-like lesions and 55 as extensive EP-like lesions.

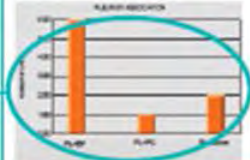


Pigs submitted is the total number of pigs under a given slip mark sent to the abattoir on the specific date. Of those submitted up to 50 pigs are SP15 scored ('Pigs examined') and included in the report.



**BRITISH PIG HEALTH SCHEME**  
ABATTOIR MONITORING PROGRAMME  
INDIVIDUAL UNIT DATA

UNIT: 4001 4001 4001  
ABATTOIR: LINDSEY AGRICULTURE  
Date: 16-Apr-2019 Pigs Submitted: 41 Pigs Examined: 41



Summary		Lesions						Lung		Pleurisy		Pulmonary Pericarditis		Pulmonary Pericarditis	
EP	PC	Total %	EP Lesions %	PC Lesions %	Both %	None %	Score	%	Score	%	Score	%	Score	%	
37	11	92	28	28	24	40	1.5	3.5	2.0	7.5	0.0	0.0	0.0	0.0	

**Comments:** Overall with 41 EP-like lesion scores. Lesions observed grossly visible lesions were found in greater than 50% of pigs examined. Veterinary advice sought in the region that there is no significant control of lesions. 15/41 (37%) of lesions were found in the lungs and 10/41 (24%) were found in the pleural cavity. Pleurisy has been found in more than 10% of pigs examined. Veterinary advice should be sought regarding further diagnosis of the lesions and control. 15/41 (37%) of lesions of up to 10% per pig may have been recorded in affected pigs due to pleurisy.

**Legend:**  
 EP: Lesions Present  
 PC: Pleurisy Present  
 Both: Both Present  
 None: No Lesions Present  
 EP: Pleurisy Present  
 PC: Pleurisy Present  
 Both: Both Present  
 None: No Lesions Present

Each column represents a condition monitored by the scheme. The top row shows the name of the condition examined, the next row shows the percentage of pigs with the condition (or average score for EP and PC) and the bottom row shows the actual number of pigs examined with the condition.

The comment box summarises significant lesion data, suggests underlying causes, and advises to contact your veterinary surgeon. It also gives an indication of the cost penalty of poor health.

Want to find out more about the SP15 and how to join it? Call the Administration centre on 01443 333184 or visit [www.bpep.org.uk](http://www.bpep.org.uk)

# BPHS CCIR Transition project

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Two post mortem data collection methods are in operation:

- BPHS
- FSA Collection and Communication of Inspection Results

➤ **Duplication of activities at post mortem**

➤ **Lack of accuracy of FSA CCIR**





# BPHS V CCIR

Strength	Weakness
Standardised Rapid Fully electronic Good coverage of large producers Reliable trends	Limited coverage

Strength	Weakness
Good coverage Electronic data collection in larger plant Regulatory requirement Reliable trends	No standardised Poor quality control Poor correlation with BPHS Only electronic in larger plant

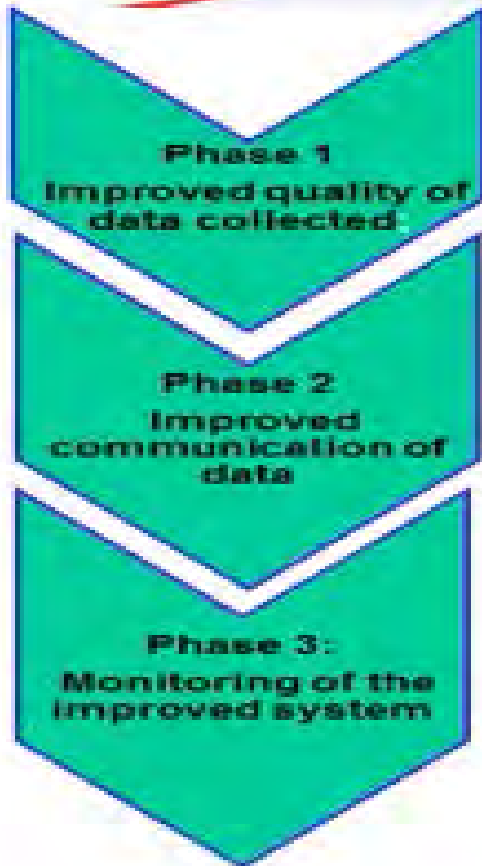
# BPHS CCIR Transition Project

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- To address duplication of activities and lack of accurate post mortem data BPEX's Board agreed to work towards a transition to a single, effective CCIR system before decommissioning BPHS
- BPHS CCIR transition project aims in partnership with industry and FSA at delivering a robust accurate CCIR by Summer 2016
- BPEX's vision is to incorporate key elements of the current BPHS, into a single, cost-effective CCIR system which provides high quality post mortem data feedback to all producers.



# BPHS CCIR Transition Project



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# BPHS CCIR Road Map ( Phase 1)

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# Collection and Communication of Inspection Results– What success would look like?

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- In 2014, BPEX commissioned a research with overall objective to identify what a successful new CCIR-BPHS system could look like
- The report concluded poor consistency and quality of FSA post mortem data with potential users of the data having low level of confidence in them
- The report made a series of observations on what a successful CCIR system could look like

<p>The practice of meat inspection would be streamlined</p>	<p>Additional training would be necessary for MHIs and OV's in pig pathology</p>	<p>The accuracy of information supplied to various stakeholders would be far greater.</p>	<p>Data would be supplied to producers for all pigs slaughtered and to veterinary surgeons on a monthly basis.</p>	<p>The processing and dissemination of data would be reviewed</p>
<ul style="list-style-type: none"> <li>• Only carry inspection of relevance to public health/ animal health and welfare.</li> </ul>	<ul style="list-style-type: none"> <li>• Training</li> <li>• Veterinary surgeons would carry out regular assessment and standardisation of MHIs' observations.</li> </ul>	<ul style="list-style-type: none"> <li>• Training</li> <li>• A streamlined list of conditions would be recorded</li> </ul>	<ul style="list-style-type: none"> <li>• To analyse and disseminate data in a similar format to BPHS data to show evolution over time and benchmarking information.</li> </ul>	<ul style="list-style-type: none"> <li>• The data would be in a format that would show evolution over time so that the effects of interventions could be measured by producers, veterinary surgeons and sponsors</li> <li>• Data would be sent out to interested parties by e-mail in a timely manner. Website access would also be available.</li> </ul>

# Collaboration



Improved CCIR

