Figure 1: New Incidents in Q3 2017 and open Incidents as at the end of the quarter

Q3 2017 New Incident  Q3 2017 Open Incident

Lowest TB levels in **North West Wales**, highest in **South West**

Most TB breakdowns in Wales are in the high TB areas in the East and West

CLICK ON REGIONS BELOW to explore in more detail

<table>
<thead>
<tr>
<th></th>
<th>Live Herds</th>
<th>New Incidents</th>
<th>Incidents closed</th>
<th>Open Incidents</th>
<th>Reactors Disclosed</th>
<th>Qi 2010 to Q3 2017</th>
</tr>
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<tbody>
<tr>
<td>Wales</td>
<td>11,651</td>
<td>184</td>
<td>152</td>
<td>628 (+32)</td>
<td>2,145</td>
<td></td>
</tr>
<tr>
<td>High TB (West)</td>
<td>3,236</td>
<td>88</td>
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<td>321 (+19)</td>
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<tr>
<td>High TB (East)</td>
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<td>215 (+18)</td>
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<tr>
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Sparklines show open cases, adjusted by herd numbers, on a quarterly basis since 2010. Red bar indicates highest level, green bar lowest.

**Officially TB free Gauge Q3**

94.6%
of herds were TB free in Q3 2017. This is a fall compared with the previous year (95.3%)

CLICK HERE for Beef and Dairy versions of this gauge
New, closed and open incidents

- Open incidents
- 1-year rolling average
- New incidents
- Closed incidents

Fall in open incidents since 2012

In Q3 there were 32 more new incidents than closed incidents, meaning a net 5% increase in open incidents.

Incidence, prevalence and animal-level risk

Falls in incidence and prevalence since 2012

Recent increase in incidence measure

Recurrence – how many closed incidents break down again?

Top chart shows incidents closed from Q1 2010 to Q3 2017. Blue line shows incidents that remained clear over subsequent 2 years, red line represents recurrence. Green line in bottom chart expresses recurrence as %

Recurrence rates relatively flat in recent years. 31% of incidents closed in Q3 2015 entailed a recurrence in the subsequent 2 years.
### Q3 2017 summary

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**Charts:**

- **New, closed and open incidents**
  - **Open incidents**
  - **1-year rolling average**
  - **Closed incidents**
  - **New incidents**

Sharp fall in open incidents in 2013, relatively steady thereafter.

- **Incidence and prevalence**
  - **New incidents per 100 tests**
  - **TB restricted herds per 100 herds**
  - **Reactors per 1,000 animals tested**

Falls in incidence and prevalence since 2012.
Recent spike in incidence measure.
Q3 2017 summary

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**New, closed and open incidents**
- Steady fall in open incidents since 2012

**Incidence and prevalence**
- Recent spike in incidence measure
- Herd and animal prevalence relatively stable over the long-term
### Q3 2017 summary

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**New, closed and open incidents**

- Open incidents
- 2-year rolling average
- Closed incidents
- New incidents

Long-term fall in new and open incidents

**Incidence and prevalence**

- New Incidents per 100 tests
- TB restricted herds per 100 herds
- Reactors per 1,000 animals tested

Steady decline in incidence measure

Mid-2016 spike in reactors per 1,000 animals tested
Q3 2017 summary

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**New, closed and open incidents**
- Sharp increase in open incidents after steady long-term fall

**Incidence and prevalence**
- Sharp increase in incidence measure after long-term downward trend
- Prevalence consistently between 2% and 4% until recently
Q3 2017 summary

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New, closed and open incidents

No discernable long-term trend in new, closed and open incidents

Incidence and prevalence

Persistently low levels of TB

Incidence, prevalence and animal risk consistently the lowest in Wales