Figure 1: New Incidents in Q3 2019 and open Incidents as at the end of the quarter

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>Region</th>
<th>Live Herds*</th>
<th>New Incidents</th>
<th>Incidents closed</th>
<th>Open Incidents**</th>
<th>Reactors Disclosed</th>
<th>Q1 2010 to Q3 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wales</td>
<td>11,955</td>
<td>138</td>
<td>154</td>
<td>650 (-17)</td>
<td>2,235</td>
<td></td>
</tr>
<tr>
<td>High TB (West)</td>
<td>3,251</td>
<td>72</td>
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<td>52 (3)</td>
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<td></td>
</tr>
<tr>
<td>Low TB</td>
<td>2,841</td>
<td>4</td>
<td>3</td>
<td>15 (1)</td>
<td>49</td>
<td></td>
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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.

* Live herds at end of previous year (2018).
** Change in the number of open incidents since last quarter in brackets.

Officially TB free Gauge Q3 2019

94.6% of herds were TB free in Q3 2019. This is lower than the previous year (94.7%), and the same as Q3 2017 (94.6%).

CLICK HERE for Beef and Dairy versions of this gauge.
Fall in open incidents since 2012. Steady increase in recent quarters (Q3 2016 - Q4 2018) with a fall to Q2 2018 and a steady increase to the latest quarter.

In Q3 2019 there were 16 fewer new incidents than closed incidents, meaning a net 3% decrease in open incidents.

Overall fall in incidence (blue line) since 2012, despite fluctuations. Q1-Q3 increase seen in 2016, 2017 and 2018. The incidence in Q3 2019 is the lowest recorded in the time series in any third annual quarter.

Prevalence (green line) decreased between Q2 2012 and Q3 2014 but has increased slightly since, with some fluctuations.

Top chart shows incidents closed from Q1 2010 to Q3 2019. Blue line shows incidents that remained clear over subsequent 2 years, red line represents recurrence. Green line in bottom chart expresses recurrence as a percentage.

30% of incidents closed in Q3 2017 entailed a recurrence in the subsequent 2 years.
**Q3 2019 summary**

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**New, closed and open incidents**

- Sharp fall in open incidents in 2013, relatively steady thereafter. Steady increase in recent quarters.

**Incidence, prevalence and animal-level risk**

- Fall in incidence between 2012 and 2013. Incidence levels remained relatively steady thereafter, with fluctuations.

- Fall in prevalence between 2012 and 2014 followed by a rise in the first half of 2015. Prevalence has increased in the last few quarters following a steady period.
**Q3 2019 summary**

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**New, closed and open incidents**

- Recent decrease in open incidents since Q4 2018 with a general downward trend since 2017.

**Incidence, prevalence and animal-level risk**

- Increase in herd prevalence measure from Q3 2016 to Q4 2017, with a downward trend since. Herd and animal prevalence relatively stable over the long-term.
- Spike in incidence in Q3 2017 followed by decrease with some fluctuations.
- Quarter 3 2019, is the lowest level of incidence in the time series.
**Q3 2019 summary**

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**New, closed and open incidents**

- Sharp increase in open incidents following a long-term fall in new and open incidents.

**Incidence, prevalence and animal-level risk**

- Incidence broadly stable over the last few years with some fluctuations.
- Herd prevalence has remained broadly stable over the long term with 2.3 TB restricted herds per 100 herds in Quarter 3 2019. Spike in reactors per 1,000 animals tested in Q1 2019, which has since started to fall.
Q3 2019 summary

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New, closed and open incidents

Sharp increase in open incidents in 2017 followed by smaller increases in latest quarters.

Incidence, prevalence and animal-level risk

Sharp decrease in incidence in Q1 2019 but has since risen. This followed an increase in prior quarters driven by a cluster near English border.

Prevalence consistently between 2% and 4% until 2016. It increased to 5% in Q2 2017 and to 6% in Q1 2019 with 5.5% of herds restricted in Q3 2019.
Recent increase in open incidents (Q2 2017 – Q2 2018), followed by a slight decrease. No discernible long-term trend in new, closed or open incidents.

Persistently low levels of TB.

Incidence, prevalence and animal risk consistently the lowest in Wales.
**Dairy Gauge**  
2,301 herds

- QTR 3 2019: 98%
- QTR 3 2017: 97%
- QTR 3 2018: 96%

**Beef Gauge**  
9,236 herds

- QTR 3 2019: 98%
- QTR 3 2017: 97%
- QTR 3 2018: 96.7%