# Monthly Report: Surveillance Project SB4008 IFNg (TC0651 and TC0751) & Antibody (TC0077) tests for bovine tuberculosis

- "Samples" refers to an individual tube of blood taken from an individual animal which is subsequently submitted for testing. It is generally assumed that the number of samples and the number of animals are analogous as any duplicate sample blood tube from the same animal will not be tested. However, minor discrepancies may occur where the same animal is tested more than once due to a request for a resample or the animal is tested twice under different categories (for example, as a PAR-RAPID and then as part of a PAR-HERD-S).
- •"Submissions" refers to an individual batch or set of samples received for testing. Submissions may comprise 1 or more samples (for example, if an entire herd is being tested it is usually sent as 1 submission). It is generally assumed that the number of submissions and the number of herds are analogous.
- Retests are samples where the first ELISA assay fails and the same sample is retested on a new ELISA plate. Each sample can be retested only once. A retest is not a reportable test outcome.
- **Resamples** are where a sample has been retested and failed a second time, so that the lab requests a new sample. This is a reportable test outcome.
- •Rejects are samples that are not tested by the lab for one of the following reasons: blood collected into wrong type of vacutainer, samples that have not been maintained at the appropriate temperature range (22±5C), unlabelled samples, broken or cracked tubes, blood that is extensively clotted (small clots are OK), samples received after 4pm on the day after sample collection. Such samples are reported separately in the tables and in figure 5.
- •**POS (pokeweed mitogen)** is a sample positive control reagent which provides a measure of the quality/viability of the blood sample. A POS fail (< 0.45 optical density reading) may indicate compromised blood quality as a result of collection/transportation conditions or due the animal having an unusually low/suppressed cellular immune response.
- •NEG (no-antigen control) is a sample negative control which provides a measure of the background antigen-independent IFN-□ responses. A NEG fail (> 0.3 optical density reading) may indicate a laboratory procedures problem (normally resolved during re-test) or that an animal has unusually high background levels of IFN-g.



# Monthly Report: Surveillance Project SB4008 IFNg (TC0651 and TC0751) & Antibody (TC0077) tests for bovine tuberculosis

Test Criteria	Submission Reason	Explanation	Mandatory?
1. Interferon-gamma test:	Anomalous reaction (SER-ANOM)	Modified serial IFNG blood test of suspected fraudulent reactors to the skin test (animals with abnormal skin swellings), in confirmed or unconfirmed TB incidents.	NO (APHA discretion to firm up or rule out any suspicion of fraud and support any investigations)
1. Interferon-gamma test:	'NSR' Herds (SER- NSR)	Modified serial IFNG blood testing of individual skin test reactors and/or IRs in unconfirmed TB breakdown herds to clarify their infection status where there is evidence of non-specific sensitisation to bovine tuberculin (the "non-specific reactor" procedure)	NO (APHA discretion)
1. Interferon-gamma test:	Parallel - Low Incidence (PAR-LOW-IN) N.B. PAR-NEW-IN from 1st April 2017	Parallel blood IFNG testing to maximise the probability of removing all infected cattle in a new herd breakdown as soon as possible after confirmation of TB.	YES in Area of Low Incidence
1. Interferon-gamma test:	PAR-CHR	Parallel IFNG blood testing of Chronic breakdown herds i.e. where VL reactors are disclosed at a 3rd or subsequent Short Interval test or a SLH case after a 2nd or subsequent Short Interval test	England only - YES
1. Interferon-gamma test:	PAR-CUL-N	Parallel IFNG blood testing to maximise the probability of removing all infected cattle in a new breakdown as soon as possible after confirmation of TB where herd is situated in badger control areas of England that have completed at least 2 effective culls.	YES (in eligible badger control areas of England)
1. Interferon-gamma test:	PAR-CUL-P	Parallel IFNG blood testing to maximise the probability of removing all infected cattle in a persistent confirmed breakdown where herd is situated within badger control areas of England that have completed at least 2 effective culls	NO (APHA discretion in badger control areas England)
1. Interferon-gamma test:	PAR-IR-EX	Parallel IFNG blood testing of all severe IRs in the Exit Strategy for persistent herds (coupled with Idexx antibody testing), and also for new breakdown herds in ITBAN (Intermediate TB Area North) (not coupled with IDEXX testing).	YES (Wales only)
1. Interferon-gamma test:	PAR-IR-SEV	Parallel blood testing of all severe IRs identified in persistent breakdown herds only (coupled with Idexx antibody testing)	YES (Wales only)
1. Interferon-gamma test:	PAR-OTHER	Other parallel IFNG blood testing not covered in any of the other scenarios	NO (APHA discretion)
1. Interferon-gamma test:	PAR-POSTM	Post movement IFNG blood test of cattle (coupled with Idexx antibody testing)	Yes (currently Wales ITBAN only)
1. Interferon-gamma test:	PAR-RAPID	Parallel blood testing of two-times IRs identified under the severe interpretation of the skin test used in Wales.	YES (Wales only)
1. Interferon-gamma test:	PAR-RECUR	England - parallel IFNG blood testing of skin test-negative cattle in breakdown herds (in HRA & 6-monthly-testing parts of Edge Area) occurring within 18 months of lifting restrictions after a previous breakdown. Wales - parallel IFNG blood testing of skin test-negative cattle in breakdown herds occurring within 6 months of lifting restrictions after a previous breakdown	England - YES / Wales - NO (APHA discretion)
1. Interferon-gamma test:	Persistent TB breakdowns (OTF status withdrawn) (PAR- P-CONF) N.B. PAR- PERSIS from 1st April 2017	Parallel blood IFNG testing of skin test-negative cattle in persistently infected herds that have failed to resolve by repeated short-interval skin testing and fulfill a minimum of biosecurity standards.	NO (APHA discretion)
1. Interferon-gamma test:	Possible Herd Slaughter (PAR-HERD- S)	Parallel interferon-gamma (IFNG) blood testing of skin test negative cattle to inform whole or partial herd slaughters decisions	YES, if APHA are contemplating a herd slaughter
1. Interferon-gamma test:	SER-FLEXI	Extended IFNG blood test to provide flexible test readout in a confirmed M. bovis-infected herd where Johne's (M. a. paratuberculosis) infection or vaccination is suspected to be interferring with M. bovis infection detection	NO (APHA discretion)
1. Interferon-gamma test:	Serial Other (SER- OTHER)	Serial test – other reasons	NO (APHA discretion)
1. Interferon-gamma test:	Suspected Fraud (SER-FRAUD)	Modified serial IFNG blood test of suspected fraudulent reactors to the skin test (animals with abnormal skin swellings), in confirmed or unconfirmed TB incidents.	NO (APHA discretion to firm up or rule out any suspicion of fraud and support any investigations)
2. IDEXX antibody test:	BOV-IR-C	Compulsory antibody testing of severe IRs (coupled IFNG testing)	YES (Wales only)
2. IDEXX antibody test:	BOV-IR-EX	Compulsory antibody testing of IRs as part of Exit Strategy (coupled with IFNG testing)	YES (Wales only)
2. IDEXX antibody test:	BOV-OTHER	Antibody testing for reasons not covered by the above	NO (APHA discretion - Eng & Wales)
2. IDEXX antibody test:	BOV-P	Supplementary antibody testing within persistent infected herds	NO (APHA discretion - Eng & Wales)
2. IDEXX antibody test:	BOV-POSTM	Compulsory post-movement antibody test of cattle (coupled with IFNG testing)	YES (Wales only)

## **Table 1. Monthly Totals for February 2025**

## Monthly Totals for February 2025

Country	Number	of Samples	% Samples

Total
Wales
England

243

Submissions

Submissions	Number of Samples	% Samples
<b>□</b> Parallel	15999	97.77%
PAR-CHR	245	1.50%
PAR-CUL-P	228	1.39%
PAR-HERD-S	18	0.11%
PAR-IR-EX	23	0.14%
PAR-IR-SEV	272	1.66%
PAR-NEW-IN	5666	34.62%
PAR-OTHER	1810	11.06%
PAR-PERSIS	2093	12.79%
PAR-RAPID	54	0.33%
PAR-RECUR	5590	34.16%
☐ Serial / Extended	365	2.23%
SER-FLEXI	354	2.16%
SER-NSR	11	0.07%
Total	16364	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	11678	754	6.46%
Wales	4686	363	7.75%
Total	16364	1117	6.83%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	11678	662	5.67%
Wales	4686	291	6.21%
Total	16364	953	5.82%

Country	Number of Samples	Rejects	Total (% of all Samples)
England	11678	85	0.73%
Wales	4686	22	0.47%
Total	16364	107	0.65%

### Year to Date Totals

Country	Number o	f Samples	% Samples
---------	----------	-----------	-----------

England	26818	68.36%
Scotland	686	1.75%
Wales	11728	29.89%
Total	39232	100.00%

494

Submissions

Submissions	Number of Samples	% Samples
<b>□</b> Parallel	38297	97.62%
PAR-CHR	1461	3.72%
PAR-CUL-N	2	0.01%
PAR-CUL-P	653	1.66%
PAR-HERD-S	18	0.05%
PAR-IR-EX	66	0.17%
PAR-IR-SEV	606	1.54%
PAR-NEW-IN	11462	29.22%
PAR-OTHER	2819	7.19%
PAR-PERSIS	5971	15.22%
PAR-RAPID	126	0.32%
PAR-RECUR	15113	38.52%
☐ Serial / Extended	935	2.38%
SER-FLEXI	924	2.36%
SER-NSR	11	0.03%
Total	39232	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	26818	1772	6.61%
Scotland	686	38	5.54%
Wales	11728	697	5.94%
Total	39232	2507	6.39%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	26818	1546	5.76%
Scotland	686	24	3.50%
Wales	11728	567	4.83%
Total	39232	2137	5.45%

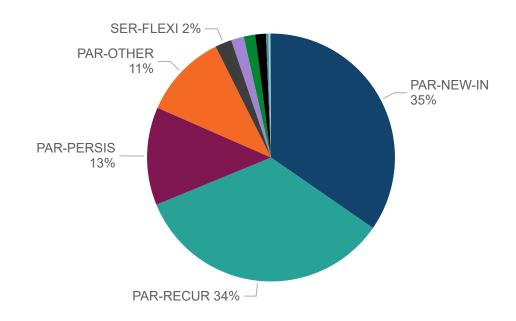
. • • • • •			0.1070
Country	Number of Samples	Rejects	Total (% of all Samples)
England	26818	173	0.65%
Scotland	686		
Wales	11728	86	0.73%
Total	39232	259	0.66%



## Figure 1. Number of samples submitted in each category February 2025

Submission Reason	Number of Samples	% Samples
PAR-CHR	245	1.50%
PAR-CUL-P	228	1.39%
PAR-HERD-S	18	0.11%
PAR-IR-EX	23	0.14%
PAR-IR-SEV	272	1.66%
PAR-NEW-IN	5666	34.62%
PAR-OTHER	1810	11.06%
PAR-PERSIS	2093	12.79%
PAR-RAPID	54	0.33%
PAR-RECUR	5590	34.16%
SER-FLEXI	354	2.16%
SER-NSR	11	0.07%
Total	16364	100.00%

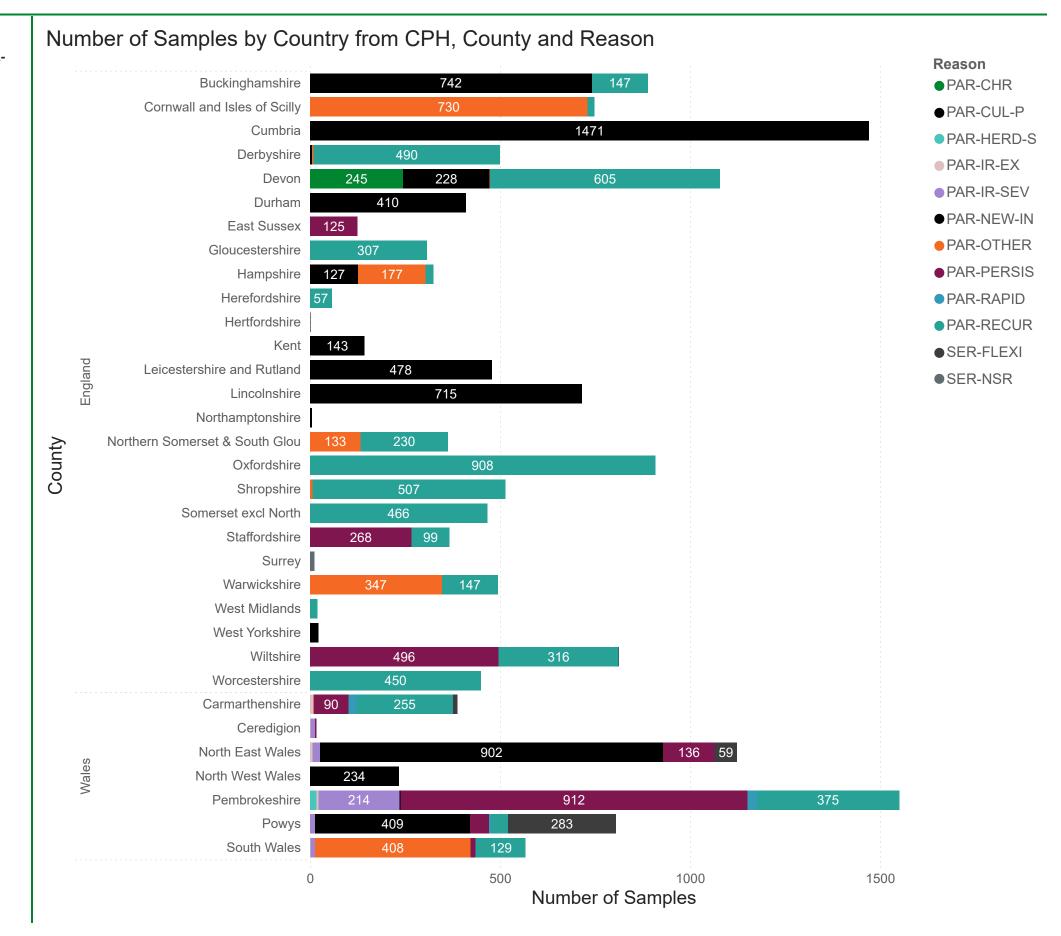
#### No Samples by Submission Reason



PAR-HERD-S: potential herd slaughter, PAR-P-CONF (PAR-PERSIS from 1 April 2017): persistent TB breakdown OTFW, PAR-LOW-IN (PAR-NEW-IN from 1 April 2017): parallel low incidence, PAR-RAPID: rapid testing of twice IRs, PAR-CUL-N: new infection in cull area, PAR-CUL-P: persistent infection in cull area, PAR-OTHER: parallel other, SER-FLEXI: flexible extended test in confirmed herds with concurrent Johne's infection/vaccination, SER-NSR: serial non-specific reactor, SER-FRAUD: serial potential fraud, SER-OTHER: serial other, PAR-CHR: chronic

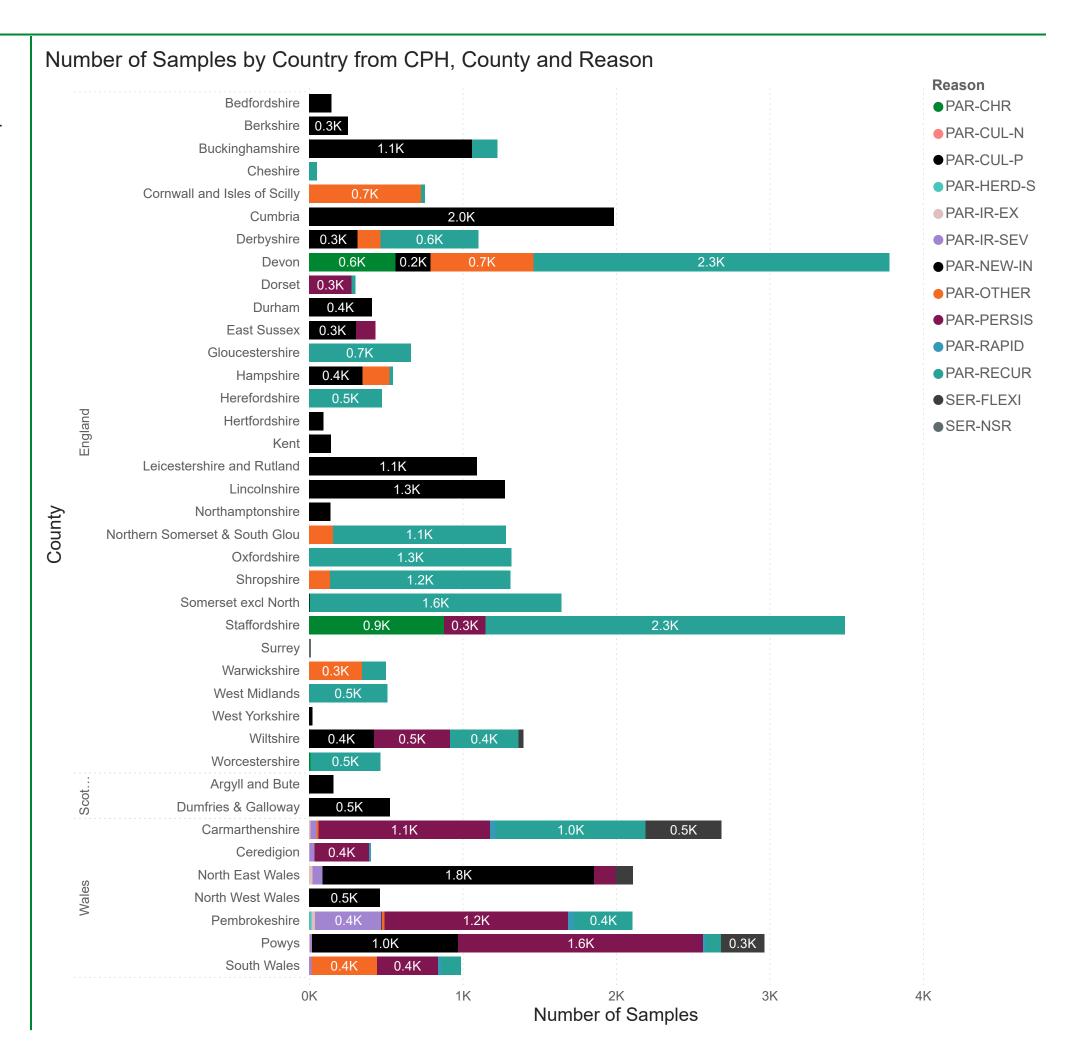
## Figure 2. Number of samples submitted in each category by County in February 2025

PAR-HERD-S: potential herd slaughter, PAR-P-CONF (PAR-PERSIS from 1 April 2017): persistent TB breakdown OTFW, PAR-LOW-IN (PAR-NEW-IN from 1 April 2017): parallel low incidence, PAR-RAPID: rapid testing of twice IRs, PAR-CUL-N: new infection in cull area. PAR-CUL-P: persistent infection in cull area, PAR-OTHER: parallel other, SER-FLEXI: flexible extended test in confirmed herds with concurrent Johne's infection/vaccination, SER-NSR: serial non-specific reactor. SER-FRAUD: serial potential fraud, SER-OTHER: serial other, PAR-CHR: chronic



### Figure 3. Number of samples submitted in each category by County this year

PAR-HERD-S: potential herd slaughter, PAR-P-CONF (PAR-PERSIS from 1 April 2017): persistent TB breakdown OTFW, PAR-LOW-(PAR-NEW-IN from 1 April 2017): parallel low incidence, PAR-RAPID: rapid testing of twice IRs, PAR-CUL-N: new infection in cull area, PAR-CUL-P: persistent infection in cull area, PAR-OTHER: parallel other, SER-FLEXI: flexible extended test in confirmed herds with concurrent Johne's infection/vaccination, SER-NSR: serial non-specific reactor, SER-FRAUD: serial potential fraud, SER-OTHER: other, PAR-CHR: chronic



# Table 2a. Summary by County February 2025

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Ketest	% Retest	Kesample	% Resample	Kejected	% Rejected
□ England □ England - Edge	117 38	11678 3722	71.36% 22.75%	621 161	5.32% 4.33%	10310 3304	88.29% 88.77%	754 224	6.46% 6.02%	662 195	5.67% 5.24%	85 62	0.73% 1.67%
☐ Buckinghamshire PAR-NEW-IN	<b>10</b>	<b>889</b> 742	<b>5.43%</b> 4.53%	<b>37</b> 26	<b>4.16%</b> 3.50%	<b>734</b> 612	<b>82.56%</b> 82.48%	<b>70</b> 50	<b>7.87%</b> 6.74%	<b>61</b> 47	<b>6.86%</b> 6.33%	<b>57</b> 57	<b>6.41%</b> 7.68%
PAR-RECUR  Derbyshire	2 <b>5</b>	147 <b>500</b>	0.90% <b>3.06%</b>	11 <b>12</b>	7.48%	122 <b>468</b>	82.99% <b>93.60%</b>	20 <b>20</b>	13.61% <b>4.00%</b>	14 <b>19</b>	9.52% <b>3.80%</b>	1	0.20%
PAR-NEW-IN PAR-OTHER	1 1	5 5	0.03% 0.03%			3 4	60.00% 80.00%	2	40.00% 20.00%	2	40.00% 20.00%		
PAR-RECUR □ East Sussex	3 1	490 <b>125</b>	2.99% <b>0.76%</b>	12 <b>2</b>	2.45% <b>1.60%</b>	461 <b>121</b>	94.08% <b>96.80%</b>	17 <b>4</b>	3.47% <b>3.20%</b>	16 <b>2</b>	3.27% <b>1.60%</b>	1	0.20%
PAR-PERSIS  Hampshire	1 5	125 <b>324</b>	0.76% <b>1.98%</b>	2		121 <b>298</b>	96.80% <b>91.98%</b>	4 17	3.20% <b>5.25%</b>	2 14	1.60% <b>4.32%</b>	4	1.23%
PAR-NEW-IN PAR-OTHER	2	127 177	0.78% 1.08%	5	3.94%	115 167	90.55% 94.35%	9	7.09% 3.95%	7	5.51%		
PAR-RECUR  □ Leicestershire and	2	20 <b>478</b>	0.12% <b>2.92%</b>	19	3.97%	16 <b>436</b>	80.00% <b>91.21%</b>	1 <b>24</b>	5.00% <b>5.02%</b>	23	4.81%	4	20.00%
Rutland PAR-NEW-IN	7	478	2.92%	19	3.97%	436	91.21%	24	5.02%	23	4.81%		
□ Northamptonshire PAR-NEW-IN	1	<b>4</b> 4	<b>0.02%</b> 0.02%	10	0.01 70	<b>3</b>	<b>75.00%</b> 75.00%	1	<b>25.00%</b> 25.00%	1	<b>25.00%</b> 25.00%		
□ Oxfordshire PAR-RECUR	<b>6</b>	<b>908</b> 908	<b>5.55%</b> 5.55%	<b>51</b> 51	<b>5.62%</b> 5.62%	<b>818</b> 818	<b>90.09%</b> 90.09%	<b>46</b> 46	<b>5.07%</b> 5.07%	<b>39</b>	<b>4.30%</b> 4.30%		
□ Warwickshire PAR-OTHER	<b>3</b>	<b>494</b> 347	3.02% 2.12%	<b>32</b> 28	<b>6.48%</b> 8.07%	<b>426</b> 296	<b>86.23%</b> 85.30%	<b>42</b> 29	8.50% 8.36%	<b>36</b> 23	<b>7.29%</b> 6.63%		
PAR-RECUR	1	147	0.90%	4	2.72%	130	88.44%	13	8.84%	13	8.84%	40	0.240/
☐ England - HRA ☐ Cornwall and Isles	60 4	5183 748	31.67% 4.57%	366 68	7.06% 9.09%	4461 649	86.07% 86.76%	380 38	7.33% 5.08%	340 31	6.56% 4.14%	16	0.31%
of Scilly PAR-OTHER	3	730	4.46%	68	9.32%	631	86.44%	38	5.21%	31	4.25%		
PAR-RECUR  Devon	16	18 <b>1079</b>	0.11% <b>6.59%</b>	91	8.43%	18 <b>920</b>	100.00% <b>85.26%</b>	67	6.21%	55	5.10%	13	1.20%
PAR-CHR PAR-CUL-P	1 2	245 228	1.50% 1.39%	12 15	4.90% 6.58%	215 203	87.76% 89.04%	6 15	2.45% 6.58%	5 10	2.04% 4.39%	13	5.31%
PAR-OTHER PAR-RECUR	1 12	1 605	0.01% 3.70%	64	10.58%	501	100.00% 82.81%	46	7.60%	40	6.61%		
□ <b>Gloucestershire</b> PAR-RECUR	<b>2</b> 2	<b>307</b> 307	<b>1.88%</b> 1.88%	<b>6</b>	<b>1.95%</b> 1.95%	<b>259</b> 259	<b>84.36%</b> 84.36%	<b>43</b> 43	<b>14.01%</b> 14.01%	<b>42</b> 42	<b>13.68%</b> 13.68%		
☐ <b>Herefordshire</b> PAR-RECUR	<b>5</b> 5	<b>57</b> 57	<b>0.35%</b> 0.35%	<b>3</b>	<b>5.26%</b> 5.26%	<b>37</b> 37	<b>64.91%</b> 64.91%	<b>18</b> 18	<b>31.58%</b> 31.58%	<b>17</b> 17	<b>29.82%</b> 29.82%		
<ul><li>□ Northern Somerset</li><li>&amp; South Glou</li></ul>	5	363	2.22%	40	11.02%	308	84.85%	19	5.23%	15	4.13%		
PAR-OTHER PAR-RECUR	2 3	133 230	0.81% 1.41%	7 33	5.26% 14.35%	121 187	90.98% 81.30%	6 13	4.51% 5.65%	5 10	3.76% 4.35%		
☐ Shropshire PAR-OTHER	5	<b>514</b> 7	<b>3.14%</b> 0.04%	23		<b>448</b> 5	<b>87.16%</b> 71.43%	<b>46</b> 2	<b>8.95%</b> 28.57%	<b>43</b>	<b>8.37%</b> 28.57%		
PAR-RECUR  Somerset excl	4 8	507 <b>466</b>	3.10% <b>2.85%</b>	23 <b>44</b>	4.54% <b>9.44%</b>	443 <b>382</b>	87.38% <b>81.97%</b>	44 <b>41</b>	8.68% <b>8.80%</b>	41 <b>39</b>	8.09% <b>8.37%</b>	1	0.21%
PAR-RECUR  Staffordshire	8	466 <b>367</b>	2.85% 2.24%	44	9.44% <b>1.63%</b>	382 <b>326</b>	81.97% 88.83%	41 <b>35</b>	8.80% <b>9.54%</b>	39 <b>33</b>	8.37% <b>8.99%</b>	1 2	0.21% 0.21% <b>0.54%</b>
PAR-PERSIS	1	268	1.64%	1	0.37%	251	93.66%	16	5.97%	14	5.22%	2	0.75%
PAR-RECUR  □ West Midlands	4 2	99 <b>19</b>	0.60% <b>0.12%</b>	5 1	5.26%	75 <b>11</b>	75.76% <b>57.89%</b>	19 <b>7</b>	19.19% <b>36.84%</b>	19 <b>7</b>	19.19% <b>36.84%</b>		
PAR-RECUR □ Wiltshire	2 6	19 <b>813</b>	0.12% <b>4.97%</b>	57	5.26% <b>7.01%</b>	11 <b>710</b>	57.89% <b>87.33%</b>	49	36.84% <b>6.03%</b>	7 <b>46</b>	36.84% <b>5.66%</b>		
PAR-PERSIS PAR-RECUR	3 2	496 316	3.03% 1.93%	35 22	7.06% 6.96%	428 281	86.29% 88.92%	36 13	7.26% 4.11%	33 13	6.65% 4.11%		
SER-FLEXI □ Worcestershire	1 2	1 <b>450</b>	0.01% <b>2.75%</b>	27	6.00%	1 <b>411</b>	100.00% <b>91.33%</b>	17	3.78%	12	2.67%		
PAR-RECUR □ <b>England - LRA</b>	2 <b>19</b>	450 <b>2773</b>	2.75% <b>16.95%</b>	27 <b>94</b>	6.00% <b>3.39%</b>	411 <b>2545</b>	91.33% <b>91.78%</b>	17 <b>150</b>	3.78% <b>5.41%</b>	12 <b>127</b>	2.67% <b>4.58%</b>	7	0.25%
□ <b>Cumbria</b> PAR-NEW-IN	<b>7</b> 7	<b>1471</b> 1471	<b>8.99%</b> 8.99%	<b>53</b> 53	<b>3.60%</b> 3.60%	<b>1340</b> 1340	<b>91.09%</b> 91.09%	<b>78</b> 78	<b>5.30%</b> 5.30%	<b>71</b> 71	<b>4.83%</b> 4.83%	<b>7</b> 7	<b>0.48%</b> 0.48%
□ <b>Durham</b> PAR-NEW-IN	<b>3</b> 3	<b>410</b> 410	<b>2.51%</b> 2.51%	<b>7</b> 7	<b>1.71%</b> 1.71%	<b>379</b> 379	<b>92.44%</b> 92.44%	<b>26</b> 26	<b>6.34%</b> 6.34%	<b>24</b> 24	<b>5.85%</b> 5.85%		
☐ Hertfordshire PAR-NEW-IN	<b>1</b>	<b>1</b>	<b>0.01%</b> 0.01%			<b>1</b>	<b>100.00%</b> 100.00%						
□ <b>Kent</b> PAR-NEW-IN	1 1	<b>143</b> 143	<b>0.87%</b> 0.87%	<b>11</b> 11	<b>7.69%</b> 7.69%	<b>125</b> 125	<b>87.41%</b> 87.41%	<b>7</b> 7	<b>4.90%</b> 4.90%	<b>7</b> 7	<b>4.90%</b> 4.90%		
□ Lincolnshire PAR-NEW-IN	<b>5</b>	<b>715</b> 715	<b>4.37%</b> 4.37%	<b>23</b> 23	<b>3.22%</b> 3.22%	<b>670</b> 670	<b>93.71%</b> 93.71%	<b>35</b>	<b>4.90%</b> 4.90%	<b>22</b> 22	<b>3.08%</b> 3.08%		
□ Surrey SER-NSR	1	<b>11</b>	<b>0.07%</b> 0.07%	20	0.22 /0	<b>11</b>	<b>100.00%</b> 100.00%	00	4.0070	22	0.0070		
□ West Yorkshire PAR-NEW-IN	1	<b>22</b> 22	<b>0.13%</b> 0.13%			<b>19</b>	<b>86.36%</b> 86.36%	<b>4</b> 4	<b>18.18%</b> 18.18%	<b>3</b>	<b>13.64%</b> 13.64%		
□ Wales	126	4686	28.64%	557	11.89%	3816	81.43%	363	7.75%	291	6.21%	22	0.47%
<ul><li>□ Wales - High TB</li><li>□ Carmarthenshire</li></ul>	86 21	2624 388	16.04% 2.37%	411 63	15.66% 16.24%	2033 299	77.48% 77.06%	207 30	7.89% 7.73%	174 25	6.63% 6.44%	6 1	0.23% 0.26%
PAR-IR-EX PAR-IR-SEV	1	1	0.05% 0.01%	3	37.50%	5	62.50% 100.00%		/				
PAR-OTHER PAR-PERSIS	1 2	90	0.01% 0.55%	26	28.89%	57	50.00% 63.33%	9	50.00%	7			
PAR-RAPID PAR-RECUR	9	21 255	0.13% 1.56%	11 22	52.38% 8.63%	9 219	42.86% 85.88%	1 17	4.76% 6.67%	1 14	4.76% 5.49%		
SER-FLEXI □ Ceredigion	<b>4 5</b>	11 <b>17</b>	0.07% <b>0.10%</b>	1 <b>4</b>	9.09% <b>23.53%</b>	7 <b>12</b>	63.64% <b>70.59%</b>	2 <b>2</b>	18.18% <b>11.76%</b>	2 1	18.18% <b>5.88%</b>	1	9.09%
PAR-IR-EX PAR-IR-SEV	1 3	2 12	0.01% 0.07%	1 3	50.00% 25.00%	1 8	50.00% 66.67%	2	16.67%	1	8.33%		
PAR-PERSIS  Pembrokeshire	1 <b>42</b>	3 <b>1551</b>	0.02% <b>9.48%</b>	249	16.05%	3 <b>1211</b>	100.00% <b>78.08%</b>	105	6.77%	90	5.80%	1	0.06%
PAR-HERD-S PAR-IR-EX	1	18	0.11%	1	5.56%	15	83.33%	3	16.67% 25.00%	2 1	11.11% 25.00%		
PAR-IR-SEV	1	4	0.02%	3	75.00%			1					0.47%
	1 19 1	4 214 3	0.02% 1.31% 0.02%	3 105	75.00% 49.07%	100	46.73% 100.00%	1 9 1	4.21%	8	3.74%	1	
PAR-NEW-IN PAR-PERSIS	19 1 9	214 3 912	1.31% 0.02% 5.57%	105 92	49.07% 10.09%	3 771	100.00% 84.54%		4.21% 33.33% 5.92%	49	5.37%		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR	19 1 9 8 3	214 3 912 25 375	1.31% 0.02% 5.57% 0.15% 2.29%	105 92 5 43	49.07% 10.09% 20.00% 11.47%	3 771 19 303	100.00% 84.54% 76.00% 80.80%	1 54 1 36	4.21% 33.33% 5.92% 4.00% 9.60%	49 1 29	5.37% 4.00% 7.73%		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR Powys PAR-IR-EX	19 1 9 8 3 <b>8</b> 1	214 3 912 25 375 <b>103</b> 1	1.31% 0.02% 5.57% 0.15% 2.29% <b>0.63%</b> 0.01%	105 92 5 43 <b>10</b>	49.07% 10.09% 20.00% 11.47% <b>9.71%</b>	3 771 19 303 <b>83</b> 1	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00%	1 54 1 36 <b>13</b>	4.21% 33.33% 5.92% 4.00% 9.60% <b>12.62%</b>	49 1 29 <b>10</b>	5.37% 4.00% 7.73% <b>9.71%</b>		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS	19 1 9 8 3	214 3 912 25 375 <b>103</b> 1 8 49	1.31% 0.02% 5.57% 0.15% 2.29% <b>0.63%</b> 0.01% 0.05% 0.30%	105 92 5 43 <b>10</b>	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20%	3 771 19 303 <b>83</b> 1 5	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51%	1 54 1 36	4.21% 33.33% 5.92% 4.00% 9.60% 12.62%	49 1 29	5.37% 4.00% 7.73% <b>9.71%</b> 25.00%		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR	19 1 9 8 3 <b>8</b> 1 2 2 1	214 3 912 25 375 <b>103</b> 1 8 49 3	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26%	105 92 5 43 <b>10</b> 1 5 1	49.07%  10.09% 20.00% 11.47% <b>9.71%</b> 12.50% 10.20% 33.33% 7.14%	3 771 19 303 <b>83</b> 1 5 37 2 38	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67% 90.48%	1 54 1 36 <b>13</b> 2 9	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37%	49 1 29 <b>10</b> 2 7	5.37% 4.00% 7.73% <b>9.71%</b> 25.00% 14.29%		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID	19 1 9 8 3 <b>8</b> 1 2 2	214 3 912 25 375 <b>103</b> 1 8 49	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02%	105 92 5 43 <b>10</b> 1 5	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33%	3 771 19 303 <b>83</b> 1 5 37	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67%	1 54 1 36 <b>13</b> 2 9	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37%	49 1 29 <b>10</b> 2 7	5.37% 4.00% 7.73% <b>9.71%</b> 25.00% 14.29%		0.71%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR South Wales	19 1 9 8 3 <b>8</b> 1 2 2 1	214 3 912 25 375 <b>103</b> 1 8 49 3 42 <b>565</b>	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45%	105 92 5 43 <b>10</b> 1 5 1 3 <b>85</b>	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04%	3 771 19 303 <b>83</b> 1 5 37 2 38	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67% 90.48% <b>75.75%</b>	1 54 1 36 <b>13</b> 2 9	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37%	49 1 29 <b>10</b> 2 7	5.37% 4.00% 7.73% <b>9.71%</b> 25.00% 14.29%		
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  □ Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  □ South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX	19 1 9 8 3 <b>8</b> 1 2 2 1 2 <b>10</b> 1 3 3	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09%	105 92 5 43 10 1 5 1 5 60 2	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29%	3 771 19 303 <b>83</b> 1 5 37 2 38 <b>428</b> 1 7 317	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67% 90.48% <b>75.75%</b> 50.00% 58.33% 77.70% 78.57%	1 54 1 36 13 2 9 2 57	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09%	49 1 29 <b>10</b> 2 7 1 <b>48</b> 29 1	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14%	<b>4</b>	0.49%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-SEV PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR	19 1 9 8 3 <b>8</b> 1 2 2 1 2 <b>10</b> 1 3 3	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49%	105 92 5 43 10 1 5 1 5 1 3 85 1 5 60	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71%	3 771 19 303 <b>83</b> 1 5 37 2 38 <b>428</b> 1 7	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67% 90.48% <b>75.75%</b> 50.00% 58.33% 77.70%	1 54 1 36 13 2 9 2 57	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09%	49 1 29 <b>10</b> 2 7 1 <b>48</b>	5.37% 4.00% 7.73% <b>9.71%</b> 25.00% 14.29% 2.38% <b>8.50%</b>	4	0.49% 1.55%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  Wales - Intermediate TB  North East Wales	19 1 9 8 3 8 1 2 2 10 1 3 3 1 2 30	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53%	105 92 5 43 10 1 5 1 5 1 3 85 1 5 60 2 17 122	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503	100.00% 84.54% 76.00% 80.80% <b>80.58%</b> 100.00% 62.50% 75.51% 66.67% 90.48% <b>75.75%</b> 50.00% 58.33% 77.70% 78.57% 71.32% <b>87.23%</b>	1 54 1 36 13 2 9 2 57 37 2 18 130	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07%	49 1 29 10 2 7 1 48 29 1 18 93	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81%	<b>4</b> 2 2	0.49% 1.55% <b>0.29%</b>
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-SEV PAR-OTHER PAR-PERSIS PAR-RECUR  □ North East Wales PAR-IR-EX PAR-IR-EX	19 1 9 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 3	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 10.53% 6.23% 0.04% 0.09%	105 92 5 43 10 1 5 1 5 60 2 17 122 71	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 60.00%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 2	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 13.33%	49 1 29 10 2 7 1 48 29 1 18 93	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33%	4 2 2 5	0.49% 1.55% <b>0.29%</b> <b>0.20%</b>
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-PERSIS PAR-PERSIS PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX	19 1 9 8 3 8 1 2 1 2 10 1 3 3 1 2 30 18 2 31 1 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83%	105 92 5 43 10 1 5 1 5 60 2 17 122 71 1 4 55 11	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67% 6.38% 8.09%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 60.00% 68.75% 88.24%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 2 60 8	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68%	<b>4</b> 2 2 <b>5 2</b>	0.49% 1.55% <b>0.29%</b> <b>0.20%</b>
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-RECUR	19 1 9 8 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 55 11 50	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 6.67% 6.38% 8.09% 7.12%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 50.00% 60.00% 88.75% 88.24% 86.18% 75.00%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 60 8 58	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68% 6.27%	4 2 2 5 2 2 3 1	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-PERSIS PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-SEV PAR-NEW-IN PAR-PERSIS □ Powys PAR-NEW-IN PAR-NEW-IN PAR-NEW-IN PAR-RAPID	19 1 9 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 2.50% 0.02%	105 92 5 43 10 1 5 1 5 60 2 17 122 71 1 4 55 11	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67% 6.38% 8.09%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351 3	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 50.00% 60.00% 88.75% 88.24% 86.18% 75.00% 85.82% 100.00%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 2 60 8 58	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68%	4 2 2 5 2 2	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-IR-SEV PAR-NEW-IN PAR-PERSIS PAR-IR-SEV PAR-NEW-IN PAR-RAPID PAR-RAPID PAR-RECUR SER-FLEXI	19 1 9 8 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2 1 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3 3 283	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 2.50% 0.02% 1.73%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 55 11 50	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67% 6.38% 8.09% 7.12%  6.36%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 60.00% 68.75% 88.24% 86.18% 75.00% 85.82% 100.00% 86.57%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 60 8 58	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68% 6.27%	4 2 2 5 2 2 3 1	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-SEV PAR-NEW-IN PAR-PERSIS  Powys PAR-NEW-IN PAR-RAPID PAR-RAPID	19 1 9 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2 10 1 2 2 2 2 2 2 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3 3	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 0.02% 0.02% 0.02%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 555 11 50	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 6.67% 6.38% 8.09% 7.12%  6.36%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351 3 3	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 50.00% 60.00% 88.75% 88.24% 86.18% 75.00% 85.82% 100.00%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 2 60 8 58	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26% 8.80%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 4.64% 3.68% 6.27%  7.33%	4 2 2 5 2 2 3 1	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-SEV PAR-NEW-IN PAR-PERSIS PAR-RECUR SER-FLEXI South Wales	19 1 9 8 3 8 1 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2 10 1 2 2 2 10 2 2 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3 3 283 283	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 0.02% 0.02% 0.02% 1.73% 0.01%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 55 11 50 26	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67% 6.38% 8.09% 7.12% 6.36%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351 3 3	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 60.00% 60.00% 88.75% 88.24% 86.18% 75.00% 85.82% 100.00% 100.00% 86.57% 50.00%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 2 60 8 58	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26% 8.80%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 4.64% 3.68% 6.27%  7.33%	4 2 2 5 2 2 3 1	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00% 0.49%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-SEV PAR-NEW-IN PAR-PERSIS PAR-RECUR SER-FLEXI South Wales PAR-IR-SEV	19 1 9 8 3 8 1 2 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2 10 1 4 2 10 7 2	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3 3 283 283 29 105 6	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 2.50% 0.02% 1.73% 0.01% 0.01% 2.07% 0.01% 2.07% 0.04%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 55 11 50 26	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08% 6.97% 16.67% 26.67% 6.38% 8.09% 7.12% 6.36%  8.48% 50.00% 7.08% 20.00%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351 3 351 3 245 1 1 280 67 1	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 50.00% 60.00% 88.75% 88.24% 86.18% 75.00% 85.82% 100.00% 100.00% 86.57% 50.00% 63.81% 16.67%	1 54 1 36 13 2 9 2 57 37 2 18 130 72 2 60 8 58 36 1 21	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26% 8.80% 33.33% 7.42%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44 30	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68% 6.27%  7.33%  4.95%  7.08% 6.67%	4 2 2 5 2 2 3 1 2	0.49% 1.55% 0.29% 0.20% 0.23% 0.43% 25.00% 0.49% 3.24% 9.52%
PAR-NEW-IN PAR-PERSIS PAR-RAPID PAR-RECUR  Powys PAR-IR-EX PAR-IR-SEV PAR-PERSIS PAR-RAPID PAR-RECUR  South Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-OTHER PAR-PERSIS PAR-RECUR  North East Wales PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-IR-EX PAR-RECUR  North East Wales PAR-IR-SEV PAR-NEW-IN PAR-PERSIS PAR-RECUR SER-FLEXI South Wales PAR-RAPID PAR-RAPID PAR-RAPID Wales - Low TB North East Wales	19 1 9 8 8 3 8 1 2 10 1 3 3 1 2 30 18 2 30 11 2 10 1 4 2 10 7	214 3 912 25 375 103 1 8 49 3 42 565 2 12 408 14 129 1723 1019 6 15 862 136 702 4 409 3 3 283 283 2 2 339 105	1.31% 0.02% 5.57% 0.15% 2.29% 0.63% 0.01% 0.05% 0.30% 0.02% 0.26% 3.45% 0.01% 0.07% 2.49% 0.09% 0.79% 10.53% 6.23% 0.04% 0.09% 5.27% 0.83% 4.29% 0.02% 2.50% 0.02% 1.73% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01%	105 92 5 43 10 1 5 1 3 85 1 5 60 2 17 122 71 1 4 55 11 50 26	49.07%  10.09% 20.00% 11.47% 9.71%  12.50% 10.20% 33.33% 7.14% 15.04% 50.00% 41.67% 14.71% 14.29% 13.18% 7.08%  6.97% 16.67% 26.67% 6.38% 8.09% 7.12%  6.36%  8.48% 50.00% 7.08% 20.00% 35.00% 11.86%	3 771 19 303 83 1 5 37 2 38 428 1 7 317 11 92 1503 897 3 9 765 120 605 3 351 3 351 3 245 1 1 280	100.00% 84.54% 76.00% 80.80% 80.58% 100.00% 62.50% 75.51% 66.67% 90.48% 75.75% 50.00% 58.33% 77.70% 78.57% 71.32% 87.23% 88.03% 60.00% 60.00% 88.75% 88.24% 86.18% 75.00% 85.82% 100.00% 100.00% 86.57% 50.00% 63.81%	1 54 1 36 13 2 9 2 57 57 37 2 18 130 72 2 60 8 58 36 1 21 26	4.21% 33.33% 5.92% 4.00% 9.60% 12.62% 25.00% 18.37% 4.76% 10.09% 9.07% 14.29% 13.95% 7.54% 7.07% 33.33% 6.96% 5.88% 8.26% 8.80% 33.33% 7.42%	49 1 29 10 2 7 1 48 29 1 18 93 49 2 2 40 5 44 30	5.37% 4.00% 7.73% 9.71%  25.00% 14.29%  2.38% 8.50%  7.11% 7.14% 13.95% 5.40%  4.81% 33.33% 13.33% 4.64% 3.68% 6.27%  7.33%  4.95%  7.08% 6.67%	4 2 2 5 2 2 3 1 2	0.71%  0.49%  1.55% 0.29%  0.23%  0.43%  25.00% 0.49%  3.24% 9.52% 83.33%  8.47% 0.43%

untry	No S Subs	Samples	% of Total	Gamma 9	% Positive	Gamma % Negative	6 Negative	Retest	% Retest R	esample %	Resample F	Rejected	% Rejecte
England England - Edge □ Berkshire	228 72 3	26818 6666 252	68.36% 16.99% 0.64%	1444 294 6	5.38% 4.41% 2.38%	23655 5936 224	88.21% 89.05% 88.89%	1772 422 22	6.61% 6.33% 8.73%	1546 368 22	5.76% 5.52% 8.73%	173 68	0.65 1.02
PAR-NEW-IN  Buckinghamshire	3 <b>14</b>	252 <b>1227</b>	0.64% <b>3.13%</b>	6 <b>68</b>	2.38% <b>5.54%</b>	224 <b>1009</b>	88.89% <b>82.23%</b>	22 <b>105</b>	8.73% <b>8.56%</b>	22 <b>93</b>	8.73% <b>7.58%</b>	<b>57</b>	4.65
PAR-NEW-IN PAR-RECUR Cheshire	11 3 <b>2</b>	1063 164 <b>50</b>	2.71% 0.42% <b>0.13%</b>	57 11 <b>1</b>	5.36% 6.71% <b>2.00%</b>	880 129 <b>45</b>	82.78% 78.66% <b>90.00%</b>	75 30 <b>4</b>	7.06% 18.29% <b>8.00%</b>	69 24 <b>4</b>	6.49% 14.63% <b>8.00%</b>	57	5.36
PAR-RECUR  Derbyshire PAR-NEW-IN	2 <b>16</b> 8	50 <b>1104</b> 317	0.13% <b>2.81%</b> 0.81%	1 <b>34</b> 8	2.00% <b>3.08%</b> 2.52%	1013	90.00% <b>91.76%</b> 90.54%	4 <b>67</b> 26	8.00% <b>6.07%</b> 8.20%	4 <b>55</b> 21	8.00% <b>4.98%</b> 6.62%	<b>2</b> 1	<b>0.18</b> 0.32
PAR-OTHER PAR-RECUR	3 5	151 636	0.38% 1.62%	11 15	7.28% 2.36%	134 592	88.74% 93.08%	8 33	5.30% 5.19%	6 28	3.97% 4.40%	1	0.16
□ East Sussex PAR-NEW-IN PAR-PERSIS	3 2 1	<b>433</b> 308 125	1.10% 0.79% 0.32%	<b>13</b> 11 2	<b>3.00%</b> 3.57% 1.60%	<b>414</b> 293 121	<b>95.61%</b> 95.13% 96.80%	<b>10</b> 6 4	<b>2.31%</b> 1.95% 3.20%	<b>6</b> 4 2	<b>1.39%</b> 1.30% 1.60%		
∃ <b>Hampshire</b> PAR-NEW-IN PAR-OTHER	<b>7</b> 4 1	<b>547</b> 350 177	<b>1.39%</b> 0.89% 0.45%	<b>17</b> 14 3	<b>3.11%</b> 4.00% 1.69%	<b>486</b> 303 167	<b>88.85%</b> 86.57% 94.35%	<b>46</b> 38 7	<b>8.41%</b> 10.86% 3.95%	<b>40</b> 33 7	<b>7.31%</b> 9.43% 3.95%	4	0.73
PAR-RECUR  Leicestershire and	2 13	20 <b>1093</b>	0.05% <b>2.79%</b>	48	4.39%	16 <b>994</b>	80.00% <b>90.94%</b>	1 <b>50</b>	5.00% <b>4.57%</b>	47	4.30%	4 <b>4</b>	20.00 <b>0.37</b>
Rutland PAR-NEW-IN  □ Northamptonshire	13 <b>2</b>	1093 <b>138</b>	2.79% <b>0.35%</b>	48 <b>3</b>	4.39% <b>2.17%</b>	994 <b>130</b>	90.94% <b>94.20%</b>	50 <b>6</b>	4.57% <b>4.35%</b>	47 <b>5</b>	4.30% <b>3.62%</b>	4	0.37
PAR-NEW-IN  Oxfordshire PAR-RECUR	2 <b>7</b> 7	138 <b>1319</b> 1319	0.35% <b>3.36%</b> 3.36%	3 <b>70</b> 70	2.17% <b>5.31%</b> 5.31%	130 <b>1188</b> 1188	94.20% <b>90.07%</b> 90.07%	6 <b>70</b> 70	4.35% <b>5.31%</b> 5.31%	5 <b>60</b> 60	3.62% <b>4.55%</b> 4.55%	<b>1</b>	<b>0.0</b> 8
■ Warwickshire  PAR-OTHER	<b>5</b> 2	<b>503</b> 347	<b>1.28%</b> 0.88%	<b>34</b> 28	<b>6.76%</b> 8.07%	<b>433</b> 296	<b>86.08%</b> 85.30%	<b>42</b> 29	<b>8.35%</b> 8.36%	<b>36</b> 23	<b>7.16%</b> 6.63%	ı	0.00
PAR-RECUR England - HRA Cornwall and Isles of	3 125 5	156 <b>16067</b> <b>753</b>	0.40% <b>40.95%</b> <b>1.92%</b>	6 <b>1011</b> <b>68</b>	3.85% <b>6.29%</b> <b>9.03%</b>	137 <b>13993</b> <b>654</b>	87.82% <b>87.09%</b> <b>86.85%</b>	13 <b>1122</b> <b>43</b>	8.33% <b>6.98%</b> <b>5.71%</b>	13 <b>981</b> <b>31</b>	8.33% <b>6.11%</b> <b>4.12%</b>	82	0.51
Scilly PAR-OTHER	3	730	1.86%	68	9.32%	631	86.44%	38	5.21%	31	4.25%		
PAR-RECUR □ <b>Devon</b> PAR-CHR	2 <b>31</b> 3	23 <b>3780</b> 563	0.06% <b>9.63%</b> 1.44%	<b>325</b> 37	<b>8.60%</b> 6.57%	23 <b>3265</b> 502	100.00% <b>86.38%</b> 89.17%	5 <b>194</b> 13	21.74% <b>5.13%</b> 2.31%	<b>171</b> 11	<b>4.52%</b> 1.95%	<b>19</b> 13	<b>0.5</b> 0
PAR-CUL-N PAR-CUL-P	1 2	2 228	0.01% 0.58%	15	6.58%		100.00% 89.04%	15	6.58%	10	4.39%	4	0.41
PAR-OTHER PAR-RECUR  ☐ Dorset	5 20 <b>2</b>	669 2318 <b>302</b>	1.71% 5.91% <b>0.77%</b>	86 187 <b>37</b>	12.86% 8.07% <b>12.25%</b>	560 1998 <b>231</b>	83.71% 86.19% <b>76.49%</b>	24 142 <b>37</b>	3.59% 6.13% <b>12.25%</b>	22 128 <b>34</b>	3.29% 5.52% <b>11.26%</b>	5	0.18 0.22
PAR-PERSIS PAR-RECUR Gloucestershire	1 1 4	279 23 <b>662</b>	0.71% 0.06% <b>1.69%</b>	35 2 <b>33</b>	12.54% 8.70% <b>4.98%</b>	221 10 <b>568</b>	79.21% 43.48% <b>85.80%</b>	26 11 <b>66</b>	9.32% 47.83% <b>9.97%</b>	23 11 <b>61</b>	8.24% 47.83% <b>9.21%</b>		
PAR-RECUR  Herefordshire	4 8	662 <b>475</b>	1.69% 1.69%	33 17	4.98% 4.98% <b>3.58%</b>	568 <b>401</b>	85.80% 84.42%	66 <b>61</b>	9.97% 9.97% <b>12.84%</b>	61 <b>56</b>	9.21% 9.21% <b>11.79%</b>	1	0.2
PAR-RECUR Northern Somerset & South Glou	8 <b>10</b>	475 <b>1281</b>	1.21% <b>3.27%</b>	17 <b>99</b>	3.58% <b>7.73%</b>	401 <b>1128</b>	84.42% <b>88.06%</b>	61 <b>73</b>	12.84% <b>5.70%</b>	56 <b>54</b>	11.79% <b>4.22%</b>	1	0.2
PAR-OTHER PAR-RECUR	3 7	156 1125	0.40% 2.87%	8 91	5.13% 8.09%	139 989	89.10% 87.91%	10 63	6.41% 5.60%	9 45	5.77% 4.00%		
Shropshire PAR-OTHER PAR-RECUR	<b>12</b> 4 8	<b>1310</b> 137 1173	<b>3.34%</b> 0.35% 2.99%	<b>83</b> 12 71	<b>6.34%</b> 8.76% 6.05%	<b>1105</b> 113 992	<b>84.35%</b> 82.48% 84.57%	<b>130</b> 14 116	<b>9.92%</b> 10.22% 9.89%	<b>121</b> 12	<b>9.24%</b> 8.76%	<b>1</b>	0.0
Somerset excl North PAR-CHR	<b>18</b>	<b>1643</b> 5	<b>4.19%</b> 0.01%	<b>67</b> 2	<b>4.08%</b> 40.00%	1425 1	86.73% 20.00%	108 2	<b>6.57%</b> 40.00%	109 <b>97</b> 2	9.29% <b>5.90%</b> 40.00%	54	3.2
PAR-CUL-P PAR-RECUR	1 16	1 1637	0.00% 4.17%	65	3.97%		86.99%	105	100.00% 6.41%	1 94	100.00% 5.74%	54 <b>7</b>	3.3
Staffordshire PAR-CHR PAR-PERSIS	<b>17</b> 3 1	3491 882 268	8.90% 2.25% 0.68%	<b>116</b> 34 1	3.32% 3.85% 0.37%	772	<b>89.34%</b> 87.53% 93.66%	288 83 16	<b>8.25%</b> 9.41% 5.97%	<b>249</b> 74 14	<b>7.13%</b> 8.39% 5.22%	<b>7</b> 2 2	<b>0.2</b> 0.2 0.7
PAR-RECUR West Midlands	13 <b>4</b>	2341 <b>509</b>	5.97% <b>1.30%</b>	81 <b>29</b>	3.46% <b>5.70%</b>	452	89.53% <b>88.80%</b>	189 <b>31</b>	8.07% <b>6.09%</b>	161 <b>28</b>	6.88% <b>5.50%</b>	3	0.1
PAR-RECUR Wiltshire PAR-CUL-P	4 <b>10</b> 1	509 <b>1397</b> 424	1.30% <b>3.56%</b> 1.08%	29 <b>106</b> 22	5.70% <b>7.59%</b> 5.19%	1226	88.80% <b>87.76%</b> 91.75%	31 <b>72</b> 14	6.09% <b>5.15%</b> 3.30%	28 <b>65</b> 13	5.50% <b>4.65%</b> 3.07%		
PAR-PERSIS PAR-RECUR	3	496 445	1.26% 1.13%	35 36	7.06% 8.09%	391	86.29% 87.87%	36 21	7.26% 4.72%	33 18	6.65% 4.04%		
SER-FLEXI Worcestershire PAR-CHR	3 <b>4</b> 1	32 <b>464</b> 11	0.08% <b>1.18%</b> 0.03%	13 <b>31</b> 4	40.63% <b>6.68%</b> 36.36%	419	56.25% <b>90.30%</b> 63.64%	1 <b>19</b>	3.13% <b>4.09%</b>	1 <b>14</b>	3.13% <b>3.02%</b>		
PAR-RECUR England - LRA	3 <b>31</b>	453 <b>4085</b>	1.15% <b>10.41%</b>	27 <b>139</b>	5.96% <b>3.40%</b>	412 <b>3726</b>	90.95% <b>91.21%</b>	19 <b>228</b>	4.19% <b>5.58%</b>	14 <b>197</b>	3.09% <b>4.82%</b>	23	0.5
PAR-NEW-IN Cumbria	1 1 12	<b>146</b> 146 <b>1986</b>	<b>0.37%</b> 0.37% <b>5.06%</b>	<b>2</b> 2 <b>75</b>	<b>1.37%</b> 1.37% <b>3.78%</b>	<b>132</b> 132 <b>1788</b>	<b>90.41%</b> 90.41% <b>90.03%</b>	7 7 118	<b>4.79%</b> 4.79% <b>5.94%</b>	<b>6</b> 6 <b>108</b>	<b>4.11%</b> 4.11% <b>5.44%</b>	<b>6</b> 6 <b>15</b>	<b>4.</b> 1 4.1 <b>0.7</b>
PAR-NEW-IN <b>Durham</b>	12 <b>3</b>	1986 <b>410</b>	5.06% <b>1.05%</b>	75 <b>7</b>	3.78% <b>1.71%</b>	1788 <b>379</b>	90.03% <b>92.44%</b>	118 <b>26</b>	5.94% <b>6.34%</b>	108 <b>24</b>	5.44% <b>5.85%</b>	15	0.7
PAR-NEW-IN Hertfordshire PAR-NEW-IN	3 <b>2</b> 2	410 <b>92</b> 92	1.05% <b>0.23%</b> 0.23%	7 <b>3</b> 3	1.71% <b>3.26%</b> 3.26%	85	92.44% <b>92.39%</b> 92.39%	26 <b>2</b> 2	6.34% <b>2.17%</b> 2.17%	24 <b>2</b> 2	5.85% <b>2.17%</b> 2.17%	<b>2</b> 2	<b>2.1</b> 2.1
Kent PAR-NEW-IN	<b>1</b>	<b>143</b> 143	<b>0.36%</b> 0.36%	<b>11</b> 11	<b>7.69%</b> 7.69%	<b>125</b> 125	<b>87.41%</b> 87.41%	<b>7</b> 7	<b>4.90%</b> 4.90%	<b>7</b> 7	<b>4.90%</b> 4.90%	_	2
PAR-NEW-IN Surrey	10 10 1	<b>1275</b> 1275 <b>11</b>	3.25% 3.25% 0.03%	<b>41</b> 41	<b>3.22%</b> 3.22%	<b>1187</b> 1187 <b>11</b>	<b>93.10%</b> 93.10% <b>100.00%</b>	<b>64</b> 64	<b>5.02%</b> 5.02%	<b>47</b> 47	<b>3.69%</b> 3.69%		
SER-NSR  West Yorkshire	1	11 <b>22</b>	0.03% <b>0.06%</b>			11 <b>19</b>	100.00% 86.36%	4	18.18%	3	13.64%		
PAR-NEW-IN cotland Scotland - Scotland	7 7	22 <b>686</b> <b>686</b>	0.06% <b>1.75%</b> <b>1.75%</b>	7 7	1.02% 1.02%	19 <b>655</b> <b>655</b>	86.36% <b>95.48%</b> <b>95.48%</b>	4 38 38	18.18% <b>5.54%</b> <b>5.54%</b>	3 <b>24</b> <b>24</b>	13.64% <b>3.50%</b> <b>3.50%</b>		
Argyll and Bute PAR-NEW-IN	<b>3</b> 3	<b>159</b> 159	<b>0.41%</b> 0.41%	<b>1</b>	<b>0.63%</b> 0.63%	<b>155</b> 155	<b>97.48%</b> 97.48%	<b>6</b>	<b>3.77%</b> 3.77%	<b>3</b> 3	<b>1.89%</b> 1.89%		
Dumfries & Galloway PAR-NEW-IN  lales	4 4 259	<b>527</b> 527 <b>11728</b>	<b>1.34%</b> 1.34% <b>29.89%</b>	<b>6</b> 6 <b>1283</b>	<b>1.14%</b> 1.14% <b>10.94%</b>	<b>500</b> 500 <b>9792</b>	<b>94.88%</b> 94.88% <b>83.49%</b>	<b>32</b> 32 <b>697</b>	<b>6.07%</b> 6.07% <b>5.94%</b>	<b>21</b> 21 <b>567</b>	<b>3.98%</b> 3.98% <b>4.83%</b>	86	0.7
Wales - High TB  Carmarthenshire	186 51	7672 2688	19.56% 6.85%	985 297	12.84% 11.05%		81.66% 84.97%	424 124	5.53% 4.61%	357 102	4.65% 3.79%	65 5	0.7 0.8 0.1
PAR-IR-EX PAR-IR-SEV PAR-OTHER	2 8 2	9 42 10	0.02% 0.11% 0.03%	4 8 1	44.44% 19.05% 10.00%	33	55.56% 78.57% 80.00%	1	2.38% 10.00%	1	2.38% 10.00%		
PAR-PERSIS PAR-RAPID	10	1120 36	2.85% 0.09%	78 18	6.96% 50.00%	1009 17	90.09% 47.22%	42	3.75% 2.78%	31	2.77% 2.78%	2	0.1
PAR-RECUR SER-FLEXI	8 9 <b>13</b>	976 495	2.49% 1.26%	78 110 <b>32</b>	7.99% 22.22%		86.37% 74.55%	58 21	5.94% 4.24%	53 15	5.43% 3.03%	2 1 <b>2</b>	0.2
PAR-IR-EX PAR-IR-SEV	2 4	<b>212</b> 4 30	0.54% 0.01% 0.08%	3 10	<b>15.09%</b> 75.00% 33.33%	<b>159</b> 1 18	<b>75.00%</b> 25.00% 60.00%	<b>22</b> 4	<b>10.38%</b> 13.33%	<b>19</b>	<b>8.96%</b> 6.67%	2	0.9
PAR-PERSIS PAR-RAPID	5 2	171 7	0.44% 0.02%	18 1	10.53% 14.29%	6	78.36% 85.71%	18	10.53%	17	9.94%	2	1.1
PAR-HERD-S PAR-IR-EX	<b>81</b> 1 5	<b>2109</b> 18 23	<b>5.38%</b> 0.05% 0.06%	<b>399</b> 1 13	<b>18.92%</b> 5.56% 56.52%	15	<b>75.01%</b> 83.33% 30.43%	<b>142</b> 3 3	<b>6.73%</b> 16.67% 13.04%	119 2 3	<b>5.64%</b> 11.11% 13.04%	9	0.4
PAR-IR-SEV PAR-NEW-IN	41	432 3	1.10% 0.01%	209	48.38%	204 3	47.22% 100.00%	22 1	5.09% 33.33%	18	4.17%	1	0.2
PAR-OTHER PAR-PERSIS PAR-RAPID	1 14 13	17 1194 41	0.04% 3.04% 0.10%	7 118 8	41.18% 9.88% 19.51%	10 1011 24	58.82% 84.67% 58.54%	75 1	6.28% 2.44%	65 1	5.44% 2.44%	8	19.
PAR-RECUR Powys	5 <b>22</b>	381 <b>1687</b>	0.97% <b>4.30%</b>	43 <b>125</b>	11.29% <b>7.41%</b>	308 <b>1470</b>	80.84% <b>87.14%</b>	37 <b>56</b>	9.71% <b>3.32%</b>	30 <b>47</b>	7.87% <b>2.79%</b>	45	2.0
PAR-IR-EX PAR-IR-SEV PAR-PERSIS	2 4 9	6 11 1597	0.02% 0.03% 4.07%	1 1 117	16.67% 9.09% 7.33%	3 8 1394	50.00% 72.73% 87.29%	2 2 49	33.33% 18.18% 3.07%	2 2 41	33.33% 18.18% 2.57%	45	2.8
PAR-RAPID PAR-RECUR	4 3	14 59	0.04% 0.15%	2 4	14.29% 6.78%	12 53	85.71% 89.83%	3	5.08%	2	3.39%		
South Wales PAR-IR-EX PAR-IR-SEV	<b>19</b> 1 4	<b>976</b> 2 15	<b>2.49%</b> 0.01% 0.04%	<b>132</b> 1 8	<b>13.52%</b> 50.00% 53.33%	<b>770</b> 1 7	<b>78.89%</b> 50.00% 46.67%	80	8.20%	70	7.17%	4	0.4
PAR-OTHER PAR-PERSIS	5 5	416 400	1.06% 1.02%	61 38	14.66% 9.50%	339	77.88% 84.75%	37 25	8.89% 6.25%	29 23	6.97% 5.75%	2	0.4
PAR-RAPID PAR-RECUR Wales - Intermediate	2 2 <b>53</b>	14 129 <b>3229</b>	0.04% 0.33% <b>8.23%</b>	7 17 <b>243</b>	50.00% 13.18% <b>7.53%</b>	92	50.00% 71.32% <b>87.36%</b>	18 <b>214</b>	13.95% <b>6.63%</b>	18 <b>156</b>	13.95% <b>4.83%</b>	2 <b>9</b>	1.t <b>0.</b> :
Ceredigion PAR-IR-SEV	<b>5</b> 1	<b>191</b> 4	<b>0.49%</b> 0.01%	<b>46</b> 4	<b>24.08%</b> 100.00%	140	73.30%	6	3.14%	4	2.09%	1	0.
PAR-PERSIS PAR-RAPID North East Wales	2 2 <b>29</b>	181 6 <b>1744</b>	0.46% 0.02% <b>4.45%</b>	39 3 <b>125</b>	21.55% 50.00% <b>7.17%</b>	137 3 <b>1530</b>	75.69% 50.00% <b>87.73%</b>	6 <b>115</b>	3.31% <b>6.59%</b>	4 <b>84</b>	2.21% <b>4.82%</b>	1 <b>5</b>	0.8
PAR-IR-EX PAR-IR-SEV	4 7	22 62	0.06% 0.16%	7 20	31.82% 32.26%	13 39	59.09% 62.90%	2	9.09% 4.84%	2 3	9.09% 4.84%		
PAR-NEW-IN PAR-PERSIS Powys	15 3 <b>15</b>	1520 140 <b>1280</b>	3.87% 0.36% <b>3.26%</b>	87 11 <b>65</b>	5.72% 7.86% <b>5.08%</b>	124	89.08% 88.57% <b>89.38%</b>	102 8 <b>93</b>	6.71% 5.71% <b>7.27%</b>	74 5 <b>68</b>	4.87% 3.57% <b>5.31%</b>	<b>3</b>	0.3
PAR-IR-SEV PAR-NEW-IN	1 7	4 951	0.01% 2.42%	39	4.10%	3 860	75.00% 90.43%	67	7.05%	50	5.26%	1 2	25.0 0.2
PAR-RAPID PAR-RECUR SER-FLEXI	2 3 2	3 39 283	0.01% 0.10% 0.72%	2 24	5.13% 8.48%	3 33 245	100.00% 84.62% 86.57%	5 21	12.82% 7.42%	4 14	10.26% 4.95%		
SER-FLEXI  ■ South Wales PAR-OTHER	<b>4</b>	203 <b>14</b> 9	0.72% 0.04% 0.02%	7 5	<b>50.00%</b> 55.56%	7	<b>50.00%</b> 44.44%	21	7.42%	14	4.95%		
PAR-RAPID Wales - Low TB	3 <b>20</b>	5 <b>827</b>	0.01% <b>2.11%</b>	2 <b>55</b>	40.00% <b>6.65%</b>	706	60.00% <b>85.37%</b>	59	7.13%	54	6.53%	12	1.4
□ <b>North East Wales</b> PAR-IR-SEV PAR-NEW-IN	12 2 6	<b>367</b> 6 247	0.94% 0.02% 0.63%	<b>39</b> 19	<b>10.63%</b> 7.69%	1	<b>80.65%</b> 16.67% 86.64%	<b>23</b>	<b>6.27%</b> 6.07%	<b>21</b> 13	<b>5.72%</b> 5.26%	<b>11</b> 5 1	<b>3.0</b> 83.3 0.4
SER-FLEXI <b>North West Wales</b>	4 8	114 <b>460</b>	0.29% <b>1.17%</b>	20 <b>16</b>	17.54% <b>3.48%</b>	81 <b>410</b>	71.05% <b>89.13%</b>	8 <b>36</b>	7.02% <b>7.83%</b>	8 <b>33</b>	7.02% <b>7.17%</b>	5 <b>1</b>	4.3 <b>0.2</b>
PAR-NEW-IN Total	8 <b>494</b>	460 <b>39232</b>	1.17% <b>100.00%</b>	16 <b>2734</b>	3.48% <b>6.97%</b>		89.13% <b>86.92%</b>	36 <b>2507</b>	7.83% <b>6.39%</b>	33 <b>2137</b>	7.17% <b>5.45%</b>	1 <b>259</b>	0.2



## Table 3a. Summary of IFN Gamma results by country & protocol February 2025

### **Country Totals**

Country	No Subs	No Samples	% of Total	No Positive	% Positive	No Negative	% Negative	No Retest	% Retest	No Resample	% Resample	No Rejected	% Rejected
_		•								•	•		
<b>□</b> England	117	11678		621	5.32%	10310	88.29%	754	6.46%	662	5.67%	85	0.73%
Parallel	115	11666	99.9 %	621	5.32%	10298	88.27%	754	6.46%	662	5.67%	85	0.73%
Serial / Extended	2	12	0.1 %			12	100.00%						
□ Wales	126	4686		557	11.89%	3816	81.43%	363	7.75%	291	6.21%	22	0.47%
Parallel	117	4333	92.5 %	525	12.12%	3522	81.28%	335	7.73%	270	6.23%	16	0.37%
Serial / Extended	9	353	7.5 %	32	9.07%	294	83.29%	28	7.93%	21	5.95%	6	1.70%
Total	243	16364		1178	7.20%	14126	86.32%	1117	6.83%	953	5.82%	107	0.65%

#### **GB** Totals

Protocol	No Subs	No Samples	% of Total	No Positive	% Positive	No Negative	% Negative	No Retest	% Retest	No Resample	% Resample	No Rejected	% Rejected <b>▼</b>
Serial / Extended	11	365	2.2 %	32	8.77%	306	83.84%	28	7.67%	21	5.75%	6	1.64%
Parallel	232	15999	97.8 %	1146	7.16%	13820	86.38%	1089	6.81%	932	5.83%	101	0.63%
Total	243	16364		1178	7.20%	14126	86.32%	1117	6.83%	953	5.82%	107	0.65%

## Table 3b. Summary of IFN Gamma results by country & protocol (YTD)

### **Country Totals**

Country	No Subs	No Samples	% of Total	No Positive	% Positive	No Negative	% Negative	No Retest	% Retest	No Resample	% Resample	No Rejected	% Rejected
		Campico		1 0011110		Hogalivo		1101001		rtooumpio		rtojootoa	
<b>□</b> England	228	26818		1444	5.38%	23655	88.21%	1772	6.61%	1546	5.76%	173	0.65%
Parallel	224	26775	99.8 %	1431	5.34%	23626	88.24%	1771	6.61%	1545	5.77%	173	0.65%
Serial / Extended	4	43	0.2 %	13	30.23%	29	67.44%	1	2.33%	1	2.33%		
□ Scotland	7	686		7	1.02%	655	95.48%	38	5.54%	24	3.50%		
Parallel	7	686	100.0 %	7	1.02%	655	95.48%	38	5.54%	24	3.50%		
□ Wales	259	11728		1283	10.94%	9792	83.49%	697	5.94%	567	4.83%	86	0.73%
Parallel	244	10836	92.4 %	1129	10.42%	9097	83.95%	647	5.97%	530	4.89%	80	0.74%
Serial / Extended	15	892	7.6 %	154	17.26%	695	77.91%	50	5.61%	37	4.15%	6	0.67%
Total	494	39232		2734	6.97%	34102	86.92%	2507	6.39%	2137	5.45%	259	0.66%

#### **GB** Totals

Protocol	No Subs	No Samples	% of Total	No Positive	% Positive	No Negative	% Negative	No Retest	% Retest	No Resample	% Resample	No Rejected	% Rejected
Parallel	475	38297	97.6 %	2567	6.70%	33378	87.16%	2456	6.41%	2099	5.48%	253	0.66%
Serial / Extended	19	935	2.4 %	167	17.86%	724	77.43%	51	5.45%	38	4.06%	6	0.64%
Total	494	39232		2734	6.97%	34102	86.92%	2507	6.39%	2137	5.45%	259	0.66%

## Table 4a. Summary of IFN Gamma results by submission reason February 2025

GB Totals													
SUBMISSION_REASON	No Subs	Samples %	% of Total G	amma % ositive		amma % egative	Negative R	etest %	Retest Re	esample %	Resample Re	ejected %	Rejected
PAR-CHR	1	245	1.50%	12	4.90%	215	87.76%	6	2.45%	5	2.04%	13	5.31%
PAR-CUL-P	2	228	1.39%	15	6.58%	203	89.04%	15	6.58%	10	4.39%		
PAR-HERD-S	1	18	0.11%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	7	23	0.14%	9	39.13%	11	47.83%	3	13.04%	3	13.04%		
PAR-IR-SEV	34	272	1.66%	118	43.38%	134	49.26%	15	5.51%	13	4.78%	7	2.57%
PAR-NEW-IN	58	5666	34.62%	242	4.27%	5059	89.29%	354	6.25%	296	5.22%	69	1.22%
PAR-OTHER	15	1810	11.06%	166	9.17%	1543	85.25%	121	6.69%	99	5.47%	2	0.11%
PAR-PERSIS	22	2093	12.79%	174	8.31%	1799	85.95%	138	6.59%	118	5.64%	2	0.10%
PAR-RAPID	22	54	0.33%	18	33.33%	34	62.96%	2	3.70%	2	3.70%		
PAR-RECUR	70	5590	34.16%	391	6.99%	4807	85.99%	432	7.73%	384	6.87%	8	0.14%
SER-FLEXI	10	354	2.16%	32	9.04%	295	83.33%	28	7.91%	21	5.93%	6	1.69%
SER-NSR	1	11	0.07%			11	100.00%					_	110011
Total	243	16364	100.00%	1178	7.20%	14126	86.32%	1117	6.83%	953	5.82%	107	0.65%
Country	No Sub		s % of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	t % Retest	Resample	% Resample	Rejected	% Rejected
□ Fueland Edge			2 22 750/		4 220/		00.770/	20.4	C 020/	405	E 0.40/		4 670/
□ England - Edge PAR-NEW-IN		<b>8 372 9</b> 1356								<b>195</b> 80	<b>5.24%</b> 5.90%	<b>62</b> 57	<b>1.67%</b> 4.20%
												57	4.20%
PAR-OTHER		4 529								31	5.86%		
PAR-PERSIS		1 12								2		_	0.000/
PAR-RECUR		4 1712								82	4.79%	5	0.29%
☐ England - HRA		0 5183								340	6.56%	16	0.31%
PAR-CHR		1 24								5	2.04%	13	5.31%
PAR-CUL-P		2 228								10	4.39%		
PAR-OTHER		7 87								38	4.36%		0.000/
PAR-PERSIS		4 764								47	6.15%	2	0.26%
PAR-RECUR		5 3074			7.42%				8.49%	240	7.81%	1	0.03%
SER-FLEXI		•	1 0.01%			1	.00.0070					_	
☐ England - LRA		9 2773								127	4.58%	7	0.25%
PAR-NEW-IN		8 2762			3.40%				5.43%	127	4.60%	7	0.25%
SER-NSR		1 1				11						_	
□ Wales - High TB		6 2624								174		6	0.23%
PAR-HERD-S		1 18			5.56%					2			
PAR-IR-EX		5 17							5.88%	1	5.88%		
PAR-IR-SEV		8 24			46.15%					11	4.45%	1	0.40%
PAR-NEW-IN			3 0.02%			3			33.33%			_	
PAR-OTHER		4 410								30		2	0.49%
PAR-PERSIS		5 1068								64			
PAR-RAPID		8 49								2		_	
PAR-RECUR		0 80								62		2	0.25%
SER-FLEXI		4 1			9.09%				2 18.18%	2		1	9.09%
□ Wales - Intermediate 1		0 172								93		5	0.29%
PAR-IR-EX			6 0.04%		16.67%				2 33.33%	2			
PAR-IR-SEV		4 19								2		1	5.26%
PAR-NEW-IN		5 127								70		4	0.31%
PAR-PERSIS		2 130							5.88%	5	3.68%		
PAR-RAPID			5 0.03%		20.00%								
PAR-RECUR			3 0.02%			3			33.33%				
SER-FLEXI		2 283								14			
□ Wales - Low TB		0 339			7.08%	280			7.67%	24	7.08%	11	3.24%
PAR-IR-SEV			6 0.04%			1	16.67%					5	83.33%
PAR-NEW-IN		5 274	4 1.67%	17	6.20%	237	86.50%	21	7.66%	19	6.93%	1	0.36%
SER-FLEXI		3 59	9 0.36%	7	11.86%	42	71.19%	5	8.47%	5	8.47%	5	8.47%
Total	24	3 1636	4 100.00%	1178	7.20%	14126	86.32%	1117	6.83%	953	5.82%	107	0.65%

# Table 4b. Summary of IFN Gamma results by submission reason (YTD)

<b>GB</b> Totals													
Submission Reason	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
PAR-CHR	8	1461	3.72%	77	5.27%	1282	87.75%	98	6.71%	87	5.95%	15	1.03%
PAR-CUL-N	1	2	0.01%			2	100.00%						
PAR-CUL-P	4	653	1.66%	37	5.67%	592	90.66%	30	4.59%	24	3.68%		
PAR-HERD-S	1	18	0.05%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	16	66	0.17%	29	43.94%	30	45.45%	7	10.61%	7	10.61%		
PAR-IR-SEV	72	606	1.54%	260	42.90%	313	51.65%	32	5.28%	26	4.29%	7	1.16%
PAR-NEW-IN	117	11462	29.22%	454	3.96%	10322	90.05%	710	6.19%	592	5.16%	94	0.82%
PAR-OTHER	30	2819	7.19%	290	10.29%	2386	84.64%	168	5.96%	140	4.97%	3	0.11%
PAR-PERSIS	54	5971	15.22%	492	8.24%	5169	86.57%	305	5.11%	258	4.32%	52	0.87%
PAR-RAPID	40	126	0.32%	41	32.54%	75	59.52%	2	1.59%	2	1.59%	8	6.35%
PAR-RECUR	132	15113	38.52%	886	5.86%	13192	87.29%	1101	7.29%	961	6.36%	74	0.49%
SER-FLEXI	18	924	2.36%	167	18.07%	713	77.16%	51	5.52%	38	4.11%	6	0.65%
SER-NSR	1	11	0.03%			11	100.00%						
Total	494	39232	100.00%	2734	6.97%	34102	86.92%	2507	6.39%	2137	5.45%	259	0.66%

<b>Country Totals</b>
-----------------------

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
□ England	228	26818	68.36%	1444	5.38%	23655	88.21%	1772	6.61%	1546	5.76%	173	0.65%
□ England - Edge	72	6666	16.99%	294	4.41%	5936	89.05%	422	6.33%	368	5.52%	68	1.02%
PAR-NEW-IN	43	3521	8.97%	147	4.17%	3111	88.36%	223	6.33%	201	5.71%	62	1.76%
PAR-OTHER	6	675	1.72%	42	6.22%	597	88.44%	44	6.52%	36	5.33%		
PAR-PERSIS	1	125	0.32%	2	1.60%	121	96.80%	4	3.20%	2	1.60%		
PAR-RECUR	22	2345	5.98%	103	4.39%	2107	89.85%	151	6.44%	129	5.50%	6	0.26%
☐ England - HRA	125	16067	40.95%	1011	6.29%	13993	87.09%	1122	6.98%	981	6.11%	82	0.51%
PAR-CHR	8	1461	3.72%	77	5.27%	1282	87.75%	98	6.71%	87	5.95%	15	1.03%
PAR-CUL-N	1	2	0.01%			2	100.00%						
PAR-CUL-P	4	653	1.66%	37	5.67%	592	90.66%	30	4.59%	24	3.68%		
PAR-OTHER	15	1692	4.31%	174	10.28%	1443	85.28%	86	5.08%	74	4.37%	1	0.06%
PAR-PERSIS	5	1043	2.66%	71	6.81%	900	86.29%	78	7.48%	70	6.71%	2	0.19%
PAR-RECUR	89	11184	28.51%		5.71%	9756	87.23%	829	7.41%		6.48%		0.57%
SER-FLEXI	3	32	0.08%		40.63%	18	56.25%	1	3.13%		3.13%		
☐ England - LRA	31	4085	10.41%		3.40%	3726	91.21%	228	5.58%		4.82%		0.56%
PAR-NEW-IN	30	4074	10.38%		3.41%	3715	91.19%	228	5.60%		4.84%		0.56%
SER-NSR	1	11	0.03%			11	100.00%						
□ Scotland	7	686	1.75%		1.02%	655	95.48%	38	5.54%	24	3.50%		
☐ Scotland - Scotland	7	686	1.75%		1.02%	655	95.48%	38	5.54%				
PAR-NEW-IN	7	686	1.75%		1.02%	655	95.48%	38	5.54%		3.50%		
□ Wales	259	11728	29.89%		10.94%	9792	83.49%	697	5.94%		4.83%		0.73%
☐ Wales - High TB	186	7672	19.56%		12.84%	6265		424	5.53%		4.65%		0.85%
PAR-HERD-S	1	18	0.05%		5.56%	15	83.33%	3	16.67%				010070
PAR-IR-EX	12	44	0.11%		50.00%	17	38.64%	5	11.36%				
PAR-IR-SEV	61	530	1.35%		44.53%	270	50.94%	29	5.47%	23			0.19%
PAR-NEW-IN	1	3	0.01%		44.0070	3	100.00%	1	33.33%	20	7.0470		0.1070
PAR-OTHER	8	443	1.13%		15.58%	342	77.20%	38	8.58%	30	6.77%	2	0.45%
PAR-PERSIS	43	4482	11.42%		8.23%	3887	86.72%	209	4.66%		3.95%		1.09%
PAR-RAPID	33	112	0.29%		32.14%	66	58.93%	203	1.79%		1.79%		
PAR-RECUR	18	1545	3.94%		9.19%	1296	83.88%	116	7.51%		6.67%		0.26%
SER-FLEXI	9	495	1.26%		22.22%	369	74.55%	21	4.24%		3.03%		0.20%
☐ Wales - Intermediate	53	3229	8.23%		7.53%		87.36%	214	6.63%		4.83%		0.20 %
TB	33	3223	0.23 /0	243	7.55/0	2021	07.30/0	214	0.03 /0	130	4.05 /0	9	0.20 /0
PAR-IR-EX	4	22	0.06%	7	31.82%	13	59.09%	2	9.09%	2	9.09%		
PAR-IR-SEV	9	70	0.18%	24	34.29%	42	60.00%	3	4.29%	3	4.29%	1	1.43%
PAR-NEW-IN	22	2471	6.30%	126	5.10%	2214	89.60%	169	6.84%	124	5.02%	7	0.28%
PAR-OTHER	1	9	0.02%	5	55.56%	4	44.44%						
PAR-PERSIS	5	321	0.82%	50	15.58%	261	81.31%	14	4.36%	9	2.80%	1	0.31%
PAR-RAPID	7	14	0.04%	5	35.71%	9	64.29%						
PAR-RECUR	3	39	0.10%	2	5.13%	33	84.62%	5	12.82%	4	10.26%		
SER-FLEXI	2	283	0.72%		8.48%	245		21	7.42%		4.95%		
☐ Wales - Low TB	20	827	2.11%			706		59	7.13%				1.45%
PAR-IR-SEV	2	6	0.02%			1	16.67%					5	83.33%
PAR-NEW-IN	14	707	1.80%		4.95%	624	88.26%	51	7.21%	46	6.51%		0.28%
SER-FLEXI	4	114	0.29%		17.54%	81	71.05%	8	7.02%		7.02%		4.39%
Total	494	39232	100.00%			34102		2507	6.39%		5.45%		

## Table 5a. Summary of PM and culture results for IFNg positive animals

Year	Month	Herds Sampled	Samples Tested	Herds with Positives	IFNG+ Samples	Wrong Ear Tags	NoPM / No Cult	NoPM / Cult Pend	NoPM / Cult Neg	NoPM / Cult Mb	NoPM / Cult Other	VL / No Cult	VL / Cult Neg	VL / Cult Pen	VL / Cult Mb	VL / Cult Other	NVL / No Cult	NVL / Cult Pen	NVL / Cult Neg	NVL / Cult Mb	NVL / Cult Other
0004		0.15	100=0	1.10	40=4		4.5														
2024	March	215			1054		15					70	2		26		879		60		
2024	April	237	18969	146	1092		4					44	4		11		958		71		
2024	May	207	15411	129	733							11	3		9		657		53		
2024	June	197	18101	133	797		9					32	1		19		720		2		14
2024	July	223	19494	124	825		7					25	4		20		753	1	7	1	6
2024	August	197	14635	123	639		25					21	2		17		551	1	21		
2024	September	174	11490	104	803		20					88	7		8	2	673		5		
2024	October	243	20535	159	1136		11					35	9	1	27	1	1035		19		
2024	November	248	18671	155	1039	1	8					79	9	1	13	3	890		35		
2024	December	185	14677	117	942		14					73			31	12	797		15		
2025	January	251	22868	167	1556	5	116					61		15	18	3	1338				
2025	February	243	16364	156	1178	336	476					8		4			93				
Total		2620	211091	1655	11794	342	705					547	41	21	199	21	9344	2	288	1	20

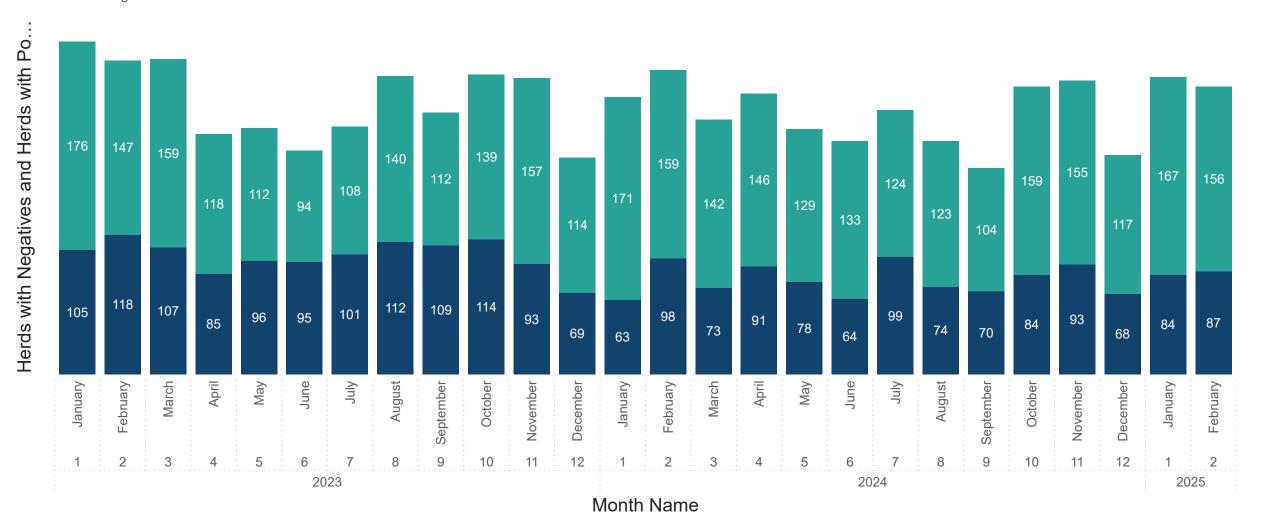
# Table 5b. Summary of culture results for IFNg positive animals (Samples received in last 12 months)

Country	Herds Sampled	Samples Tested	Herds with Positives	IFNG+ Samples	NoPM / No Cult	NoPM / Cult Pend	NoPM / Cult Neg	NoPM / Cult Mb	NoPM / Cult Other	VL / No Cult	VL / Cult Neg	VL / Cult Pen	VL / Cult Mb	VL / Cult Other	NVL / No Cult	NVL / Cult Pen	NVL / Cult Neg	NVL / Cult Mb	NVL / Cult Other	
England	1106	137123	739	6309	380					457	10	9	109	6	4865	2	115	1		
Scotland	37	6787	29	162							3		14		134		10			
Wales	1477	67181	887	5323	325					90	28	12	76	15	4345		163		2	20
Total	2620	211091	1655	11794	705					547	41	21	199	21	9344	2	288	1	2	20

# Figure 4a. Number of herds sampled for IFNg and numbers of herds with any positive IFNg results.

Herds with Negatives and Herds with Positives by ISO Year, Month Of Year and Month Name





# Figure 4b. Number of animals sampled for IFNg and numbers of animals with positive IFNg results.

#### IFNg results by Year and Month

● IFNg Non Positive Animals ● IFNg Positive Animals

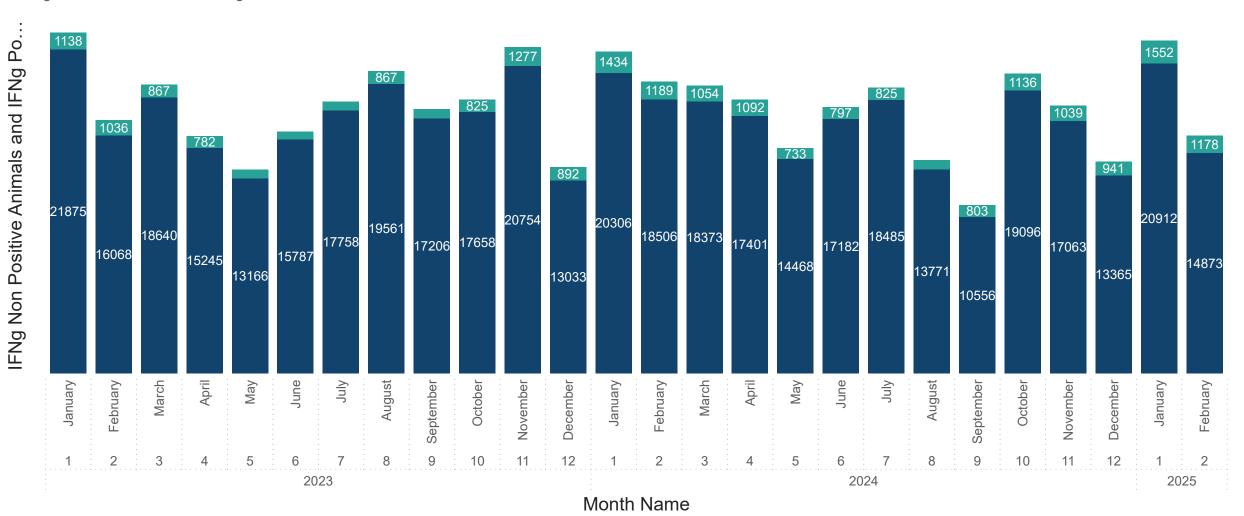


Figure 5. Rates of resamples including the fail rates broken down for positive (POS) and negative (NEG) controls

% Resample, % Rejected, % Pos Fail and % Neg Fail by ISO Year, Month Of Year and Month Name

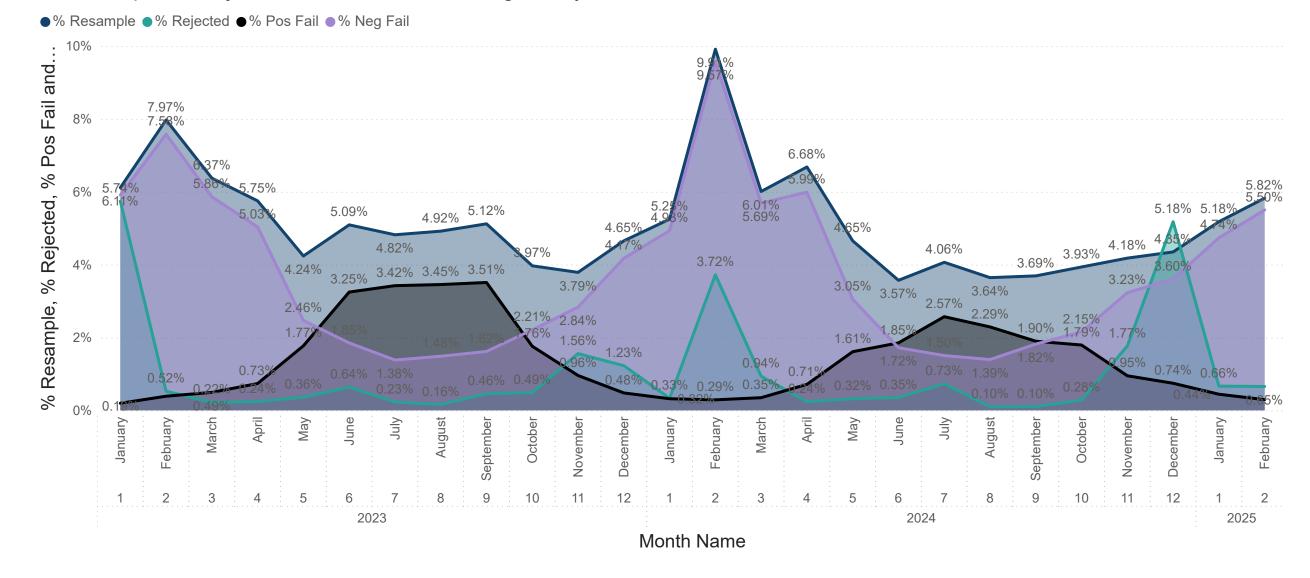
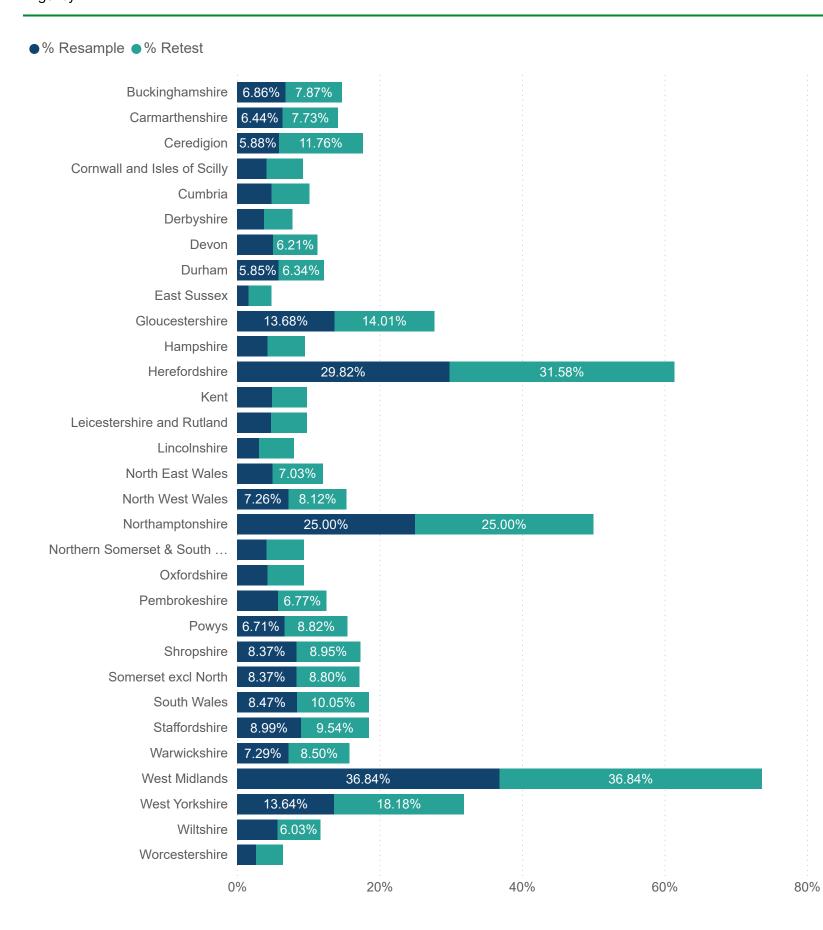


Figure 6. Proportion of samples retested, or requiring a resample February 2025



County Name	% Resample	% Retest
Buckinghamshire	6.86%	7.87%
Carmarthenshire	6.44%	7.73%
Ceredigion	5.88%	11.76%
Cornwall and Isles of Scilly	4.14%	5.08%
Cumbria	4.83%	5.30%
Derbyshire	3.80%	4.00%
Devon	5.10%	6.21%
Durham	5.85%	6.34%
East Sussex	1.60%	3.20%
Gloucestershire	13.68%	14.01%
Hampshire	4.32%	5.25%
Herefordshire	29.82%	31.58%
Kent	4.90%	4.90%
Leicestershire and Rutland	4.81%	5.02%
Lincolnshire	3.08%	4.90%
North East Wales	4.98%	7.03%
North West Wales	7.26%	8.12%
Northamptonshire	25.00%	25.00%
Northern Somerset & South Glou	4.13%	5.23%
Oxfordshire	4.30%	5.07%
Pembrokeshire	5.80%	6.77%
Powys	6.71%	8.82%
Shropshire	8.37%	8.95%
Somerset excl North	8.37%	8.80%
South Wales	8.47%	10.05%
Staffordshire	8.99%	9.54%
Warwickshire	7.29%	8.50%
West Midlands	36.84%	36.84%
West Yorkshire	13.64%	18.18%
Wiltshire	5.66%	6.03%
Worcestershire	2.67%	3.78%
Total	5.82%	6.83%

### Table 6. Number of animals and submissions tested

February 2025 Table 6a (i): Number of animals and submissions tested

Country	No. Animals	No of IFNg+ animals	% Positive Animals	No Samples	No IFNG+ Samples	% Positive Samples
England	11540	621	5.4 %	11678	621	5.32%
Wales	4511	557	12.3 %	4686	557	11.89%
Total	16051	1178	7.3 %	16364	1178	7.20%

February 2024 Table 6a (ii): Number of animals and submissions tested

Country	No. Animals	No of IFNg+ animals	% Positive Animals	No Samples	No IFNG+ Samples	% Positive Samples
England	14823	787	5.3 %	15367	787	5.12%
Scotland	351	12	3.4 %	381	12	3.15%
Wales	4521	390	8.6 %	4762	390	8.19%
Total	19695	1189	6.0 %	20510	1189	5.80%

YTD February 2025 Table 6b (i): Number of animals and submissions tested

Country	No. Animals	No of IFNg+ animals	% Positive Animals	No Samples	No IFNG+ Samples	% Positive Samples
England	25946	1444	5.6 %	26818	1444	5.38%
Scotland	665	7	1.1 %	686	7	1.02%
Wales	11305	1279	11.3 %	11728	1283	10.94%
Total	37915	2730	7.2 %	39232	2734	6.97%

YTD February 2024 Table 6b (ii): Number of animals and submissions tested

Country	No. Animals	No of IFNg+ animals	% Positive Animals	No Samples	No IFNG+ Samples	% Positive Samples
England	26351	1474	5.6 %	27303	1478	5.41%
Scotland	378	12	3.2 %	408	12	2.94%
Wales	14128	1137	8.0 %	14794	1137	7.69%
Total	40855	2623	6.4 %	42505	2627	6.18%

## Tables 7a and 7b Number of private samples (month and YTD)

#### **Table 7a Number of private samples (month)**

County Name	Test Type*	No of Submissions	Number of Samples	Positive	%Positive
Gloucestershire	PRV-SE	2	95	17	17.89%
Total		2	95	17	17.89%

#### **Table 7b Number of private samples (YTD)**

County Name	Test Type*	No of Submissions	Number of Samples	Positive	%Positive
Devon	PRV-SE	1	63	16	25.40%
Gloucestershire	PRV-SE	2	95	17	17.89%
Total		3	158	33	20.89%

\*SER-IOM: Serial High Specificity test – Isle of Man; PRV-SE: Private High Sensitivity test -England; PRV-SP: Private High Specificity test – England



## **Table 8a Number of Cattle Antibody Tests February 2025**

### **Country Totals**

Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
□ Wales	31	360	95	26.39%
☐ Carmarthenshire	1	8	3	37.50%
BOV-IR-EX	1	8	3	37.50%
☐ Ceredigion	5	15	4	26.67%
BOV-IR-C	4	13	4	30.77%
BOV-IR-EX	1	2		
□ North East Wales	4	18	10	55.56%
BOV-IR-C	3	15	7	46.67%
BOV-IR-EX	1	3	3	100.00%
□ Pembrokeshire	15	222	67	30.18%
BOV-IR-C	15	222	67	30.18%
□ Powys	4	83	10	12.05%
BOV-IR-C	3	27	3	11.11%
BOV-OTHER	1	56	7	12.50%
□ South Wales	2	14	1	7.14%
BOV-IR-C	2	14	1	7.14%
Total	31	360	95	26.39%



## **Table 8a Number of Cattle Antibody Tests YTD**

Country Totals				
Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
<b>□</b> England	2	209	10	4.78%
□ Wiltshire	2	209	10	4.78%
BOV-OTHER	1	178	9	5.06%
BOV-P	1	31	1	3.23%
□ Wales	69	710	170	23.94%
□ Carmarthenshire	10	57	9	15.79%
BOV-IR-C	8	48	6	12.50%
BOV-IR-EX	2	9	3	33.33%
□ Ceredigion	7	44	19	43.18%
BOV-IR-C	5	40	17	42.50%
BOV-IR-EX	2	4	2	50.00%
□ North East Wales	9	73	21	28.77%
BOV-IR-C	8	70	18	25.71%
BOV-IR-EX	1	3	3	100.00%
□ Pembrokeshire	32	414	106	25.60%
BOV-IR-C	29	396	103	26.01%
BOV-IR-EX	3	18	3	16.67%
□ Powys	6	89	12	13.48%
BOV-IR-C	4	28	3	10.71%
BOV-IR-EX	1	5	2	40.00%
<b>BOV-OTHER</b>	1	56	7	12.50%
☐ South Wales	5	33	3	9.09%
BOV-IR-C	4	19	3	15.79%
BOV-OTHER	1	14		
Total	71	919	180	19.59%