

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

Number 222

Report Period 1st - 31st Jan 2025

Issued 10 February 2025

Operational notes on terminology, definitions, re-test and re-samples test outcomes:

- “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 ($22\pm5^{\circ}\text{C}$), 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 to 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.

Test Criteria

1. Interferon-gamma test:		
Submission Reason	Explanation	Mandatory?
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
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)
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
PAR-RAPID	Parallel blood testing of two-times IRs identified under the severe interpretation of the skin test used in Wales.	YES (Wales only)
PAR-IR-SEV	Parallel blood testing of all severe IRs identified in persistent breakdown herds only (coupled with Idexx antibody testing)	YES (Wales only)
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)
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)
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)
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	England - YES
	Wales - parallel IFNG blood testing of skin test-negative cattle in breakdown herds occurring within 6 months of lifting restrictions after a previous breakdown	Wales - NO (APHA discretion)
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
PAR-POSTM	Post movement IFNG blood test of cattle (coupled with Idexx antibody testing)	Yes (currently Wales ITBAN only)
PAR-OTHER	Other parallel IFNG blood testing not covered in any of the other scenarios	NO (APHA discretion)

'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)
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)
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)
Serial Other (SER-OTHER)	Serial test – other reasons	NO (APHA Discretion)
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 interfering with M. bovis infection detection	NO (APHA discretion)

2. IDEXX antibody test:		
Submission Reason	Explanation	Mandatory?
BOV-P	Supplementary antibody testing within persistent infected herds	NO (APHA discretion - Eng & Wales)
BOV-OTHER	Antibody testing for reasons not covered by the above	NO (APHA discretion - Eng & Wales)
BOV-IR-EX	Compulsory antibody testing of IRs as part of Exit Strategy (coupled with IFNG testing)	YES (Wales only)
BOV-IR-C	Compulsory antibody testing of severe IRs (coupled IFNG testing)	YES (Wales only)
BOV-POSTM	Compulsory post-movement antibody test of cattle (coupled with IFNG testing)	YES (Wales only)

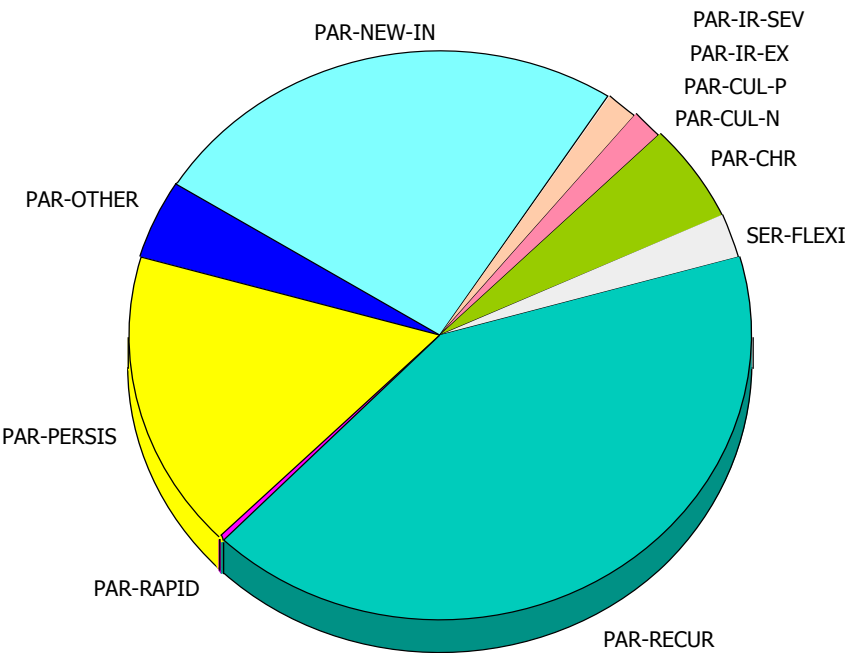
Table 1. Monthly Totals for January 2025

		Num samples January 2025	%	Total 2025	%
Submissions		251		251	
Samples	Total (%)	22868	100.00 %	22868	100.00 %
	England	15140	66.21 %	15140	66.21 %
	Wales	7042	30.79 %	7042	30.79 %
	Scotland	686	3.00 %	686	3.00 %
Parallel Tests	PAR-CHR	1216	5.32 %	1216	5.32 %
	PAR-CUL-N	2	0.01 %	2	0.01 %
	PAR-CUL-P	425	1.86 %	425	1.86 %
	PAR-HERD-S	0	0.00 %		
	PAR-IR-EX	43	0.19 %	43	0.19 %
	PAR-IR-SEV	334	1.46 %	334	1.46 %
	PAR-NEW-IN	5796	25.35 %	5796	25.35 %
	PAR-OTHER	1009	4.41 %	1009	4.41 %
	PAR-PERSIS	3878	16.96 %	3878	16.96 %
	PAR-POSTM	0	0.00 %		
	PAR-RAPID	72	0.31 %	72	0.31 %
	PAR-RECUR	9523	41.64 %	9523	41.64 %
	Total(% of all samples)	22298	97.51 %	22298	97.51 %
Serial/Extended Tests	SER-ANOM	0	0.00 %		
	SER-FLEXI	570	2.49 %	570	2.49 %
	SER-FRAUD	0	0.00 %		
	SER-NSR	0	0.00 %		
	SER-OTHER	0	0.00 %		
	Total(% of all samples)	570	2.49 %	570	2.49 %
	Total	22868	100.00 %	22868	100.00 %
Retests	Total (% of all samples)	1390	6.08 %	1390	6.08 %
	England	1018	4.45 %	1018	4.45 %
	Wales	334	1.46 %	334	1.46 %
	Scotland	38	0.17 %	38	0.17 %
Resamples	Total (% of all samples)	1184	5.18 %	1184	5.18 %
	England	884	3.87 %	884	3.87 %
	Wales	276	1.21 %	276	1.21 %
	Scotland	24	0.10 %	24	0.10 %
Rejects	Total (% of all samples)	152	0.66 %	152	0.66 %
	England	88	0.38 %	88	0.38 %
	Wales	64	0.28 %	64	0.28 %
	Scotland	0	0.00 %		

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

Figure 1. Number of samples submitted in each category during January 2025

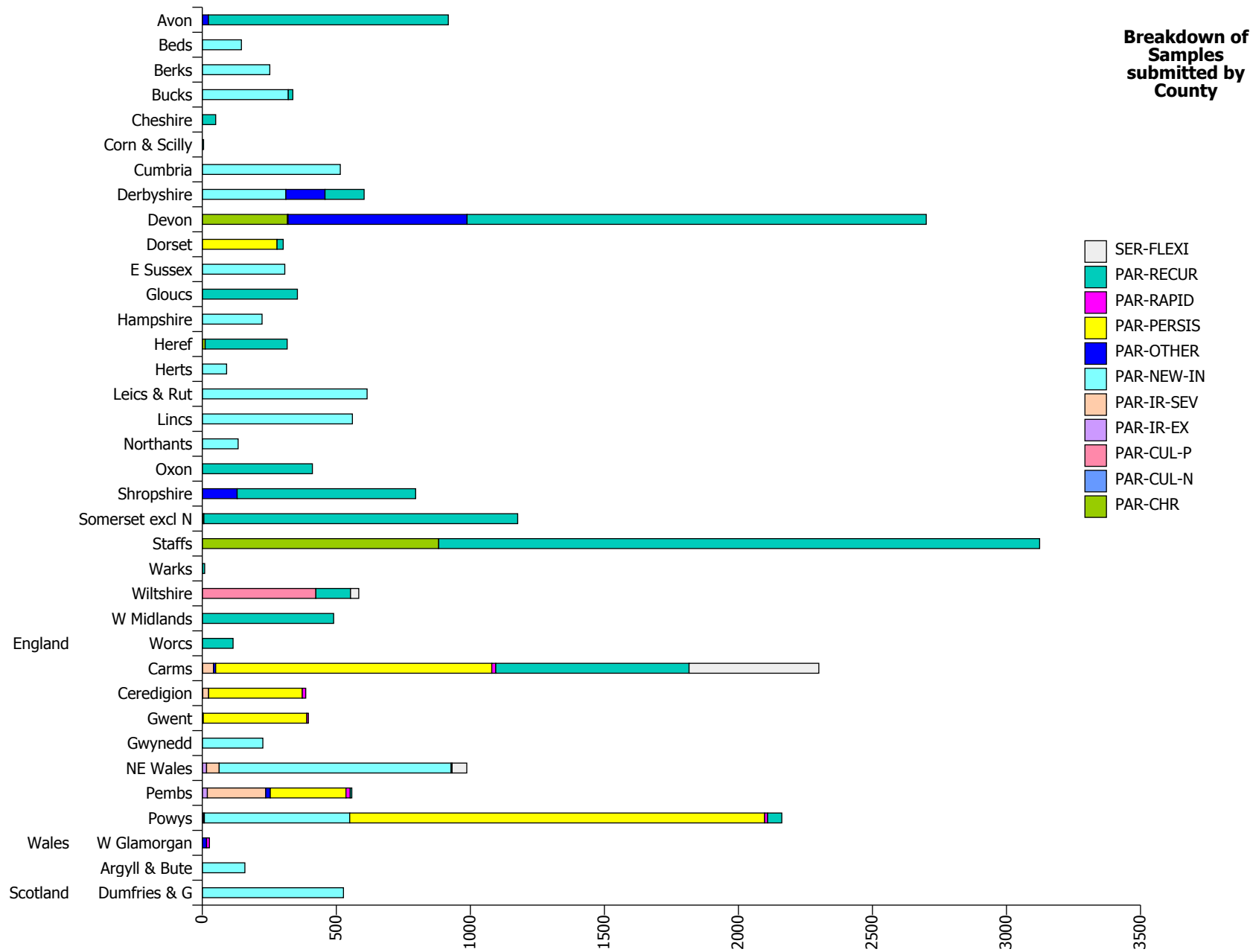
Breakdown of Reason for submission



PAR-CHR	1216	5.3 %
PAR-CUL-N	2	0.0 %
PAR-CUL-P	425	1.9 %
PAR-IR-EX	43	0.2 %
PAR-IR-SEV	334	1.5 %
PAR-NEW-IN	5796	25.3 %
PAR-OTHER	1009	4.4 %
PAR-PERSIS	3878	17.0 %
PAR-RAPID	72	0.3 %
PAR-RECUR	9523	41.6 %
SER-FLEXI	570	2.5 %
Total	22868	100.00 %

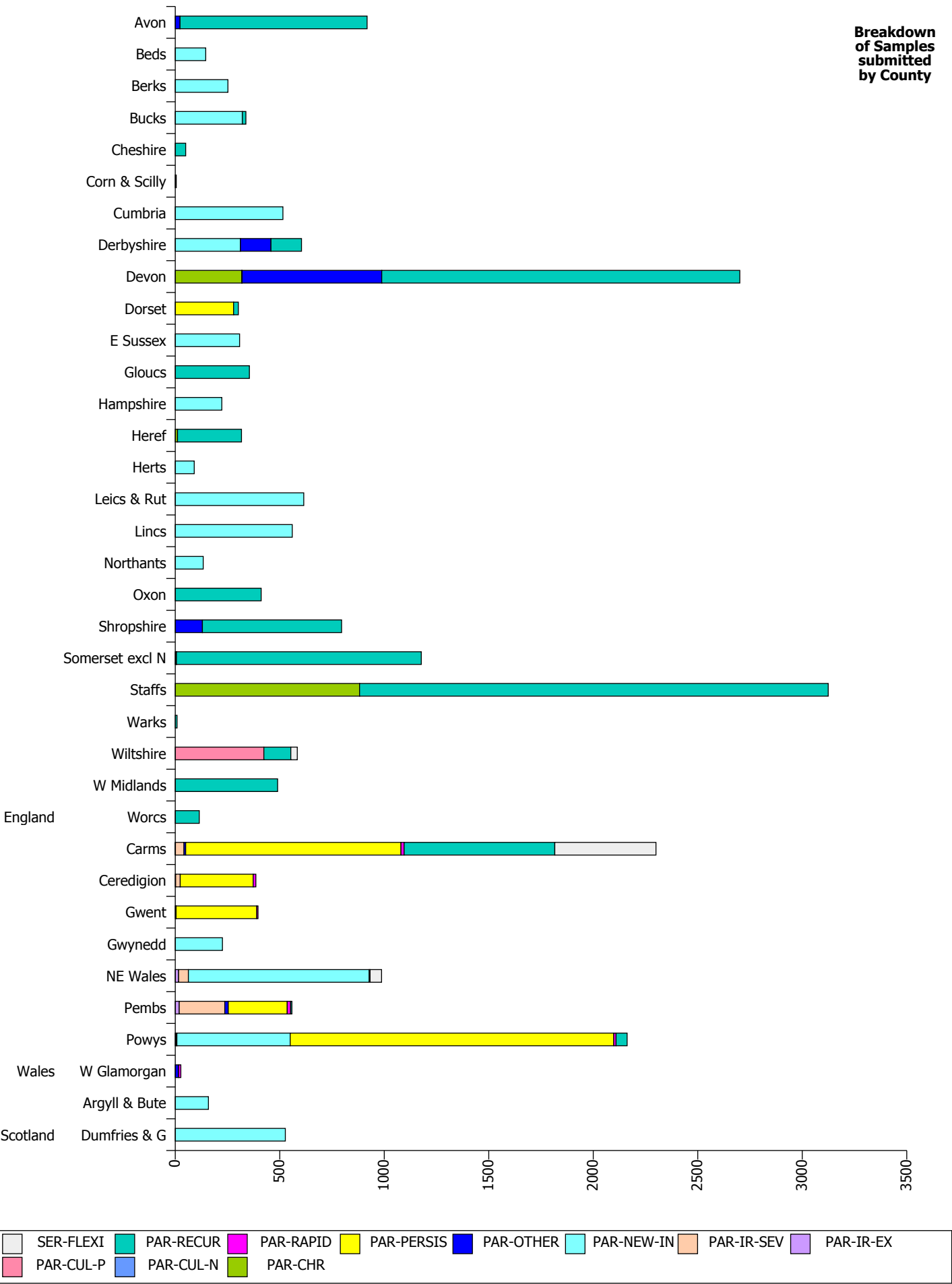
PAR-HERD-S: potential herd slaughter, PAR-P-CONF (PAR-PERSIS from 1 April 2017): persistent TB breakdown OTFW, PAR-LOW-IN (PAR-NEW-IN from 1 April 2017): parallel low incidence, PAR-RAPID: rapid testing of twice IRs, PAR-CUL-N: new infection in cull area, PAR-CUL-P: persistent infection in cull area, 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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Figure 2. Number of samples submitted in each category by County during January 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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Figure 3. Number of samples submitted in each category by County during 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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2a. Summary by County for January 2025

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
England - HRA	Avon	PAR-OTHER	1	23	0.10 %	1	4.35 %	18	78.26 %	4	17.39 %	4	17.39 %	0	0.00 %
		PAR-RECUR	4	895	3.91 %	58	6.48 %	802	89.61 %	50	5.59 %	35	3.91 %	0	0.00 %
	Corn & Scilly	PAR-RECUR	1	5	0.02 %	0	0.00 %	5	100.00 %	5	100.00 %	0	0.00 %	0	0.00 %
	Devon	PAR-CHR	2	318	1.39 %	25	7.86 %	287	90.25 %	7	2.20 %	6	1.89 %	0	0.00 %
		PAR-CUL-N	1	2	0.01 %	0	0.00 %	2	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-OTHER	4	668	2.92 %	86	12.87 %	559	83.68 %	24	3.59 %	22	3.29 %	1	0.15 %
		PAR-RECUR	8	1,713	7.49 %	123	7.18 %	1497	87.39 %	96	5.60 %	88	5.14 %	5	0.29 %
	Dorset	PAR-PERSIS	1	279	1.22 %	35	12.54 %	221	79.21 %	26	9.32 %	23	8.24 %	0	0.00 %
		PAR-RECUR	1	23	0.10 %	2	8.70 %	10	43.48 %	11	47.83 %	11	47.83 %	0	0.00 %
	Gloucs	PAR-RECUR	2	355	1.55 %	27	7.61 %	309	87.04 %	23	6.48 %	19	5.35 %	0	0.00 %
	Heref	PAR-CHR	1	11	0.05 %	4	36.36 %	7	63.64 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	3	306	1.34 %	11	3.59 %	262	85.62 %	35	11.44 %	32	10.46 %	1	0.33 %
	Shropshire	PAR-OTHER	3	130	0.57 %	12	9.23 %	108	83.08 %	12	9.23 %	10	7.69 %	0	0.00 %
		PAR-RECUR	4	666	2.91 %	48	7.21 %	549	82.43 %	72	10.81 %	68	10.21 %	1	0.15 %
	Somerset excl N	PAR-CHR	1	5	0.02 %	2	40.00 %	1	20.00 %	2	40.00 %	2	40.00 %	0	0.00 %
		PAR-CUL-P	1	1	0.00 %	0	0.00 %	0	0.00 %	1	100.00 %	1	100.00 %	0	0.00 %
		PAR-RECUR	8	1,171	5.12 %	21	1.79 %	1042	88.98 %	64	5.47 %	55	4.70 %	53	4.53 %
	Staffs	PAR-CHR	3	882	3.86 %	34	3.85 %	772	87.53 %	83	9.41 %	74	8.39 %	2	0.23 %
		PAR-RECUR	9	2,242	9.80 %	76	3.39 %	2021	90.14 %	170	7.58 %	142	6.33 %	3	0.13 %
	Wiltshire	PAR-CUL-P	1	424	1.85 %	22	5.19 %	389	91.75 %	14	3.30 %	13	3.07 %	0	0.00 %
		PAR-RECUR	1	129	0.56 %	14	10.85 %	110	85.27 %	8	6.20 %	5	3.88 %	0	0.00 %
		SER-FLEXI	2	31	0.14 %	13	41.94 %	17	54.84 %	1	3.23 %	1	3.23 %	0	0.00 %
	W Midlands	PAR-RECUR	2	490	2.14 %	28	5.71 %	441	90.00 %	24	4.90 %	21	4.29 %	0	0.00 %
	Worcs	PAR-RECUR	1	115	0.50 %	3	2.61 %	103	89.57 %	10	8.70 %	9	7.83 %	0	0.00 %
England - Edge	Berks	PAR-NEW-IN	3	252	1.10 %	6	2.38 %	224	88.89 %	22	8.73 %	22	8.73 %	0	0.00 %
	Bucks	PAR-NEW-IN	3	321	1.40 %	31	9.66 %	268	83.49 %	25	7.79 %	22	6.85 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2a. Summary by County for January 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
		PAR-RECUR	1	17	0.07 %	0	0.00 %	7	41.18 %	10	58.82 %	10	58.82 %	0	0.00 %
	Cheshire	PAR-RECUR	2	50	0.22 %	1	2.00 %	45	90.00 %	4	8.00 %	4	8.00 %	0	0.00 %
	Derbyshire	PAR-NEW-IN	7	312	1.36 %	8	2.56 %	284	91.03 %	24	7.69 %	19	6.09 %	1	0.32 %
		PAR-OTHER	2	146	0.64 %	11	7.53 %	130	89.04 %	7	4.79 %	5	3.42 %	0	0.00 %
		PAR-RECUR	2	146	0.64 %	3	2.05 %	131	89.73 %	16	10.96 %	12	8.22 %	0	0.00 %
	E Sussex	PAR-NEW-IN	2	308	1.35 %	11	3.57 %	293	95.13 %	6	1.95 %	4	1.30 %	0	0.00 %
	Hampshire	PAR-NEW-IN	2	223	0.98 %	9	4.04 %	188	84.30 %	29	13.00 %	26	11.66 %	0	0.00 %
	Leics & Rut	PAR-NEW-IN	6	615	2.69 %	29	4.72 %	558	90.73 %	26	4.23 %	24	3.90 %	4	0.65 %
	Northants	PAR-NEW-IN	1	134	0.59 %	3	2.24 %	127	94.78 %	5	3.73 %	4	2.99 %	0	0.00 %
	Oxon	PAR-RECUR	1	411	1.80 %	19	4.62 %	370	90.02 %	24	5.84 %	21	5.11 %	1	0.24 %
	Warks	PAR-RECUR	2	9	0.04 %	2	22.22 %	7	77.78 %	0	0.00 %	0	0.00 %	0	0.00 %
England - LRA	Beds	PAR-NEW-IN	1	146	0.64 %	2	1.37 %	132	90.41 %	7	4.79 %	6	4.11 %	6	4.11 %
	Cumbria	PAR-NEW-IN	5	515	2.25 %	22	4.27 %	448	86.99 %	40	7.77 %	37	7.18 %	8	1.55 %
	Herts	PAR-NEW-IN	1	91	0.40 %	3	3.30 %	84	92.31 %	2	2.20 %	2	2.20 %	2	2.20 %
	Lincs	PAR-NEW-IN	5	560	2.45 %	18	3.21 %	517	92.32 %	29	5.18 %	25	4.46 %	0	0.00 %
England			111	15140	66.21 %	823	5.44 %	13345	88.14 %	1018	6.72 %	884	5.84 %	88	0.58 %
Wales - High TB	Carms	PAR-IR-EX	1	1	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	7	41	0.18 %	8	19.51 %	32	78.05 %	1	2.44 %	1	2.44 %	0	0.00 %
		PAR-OTHER	1	8	0.03 %	1	12.50 %	7	87.50 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	8	1,030	4.50 %	52	5.05 %	952	92.43 %	33	3.20 %	24	2.33 %	2	0.19 %
		PAR-RAPID	3	15	0.07 %	7	46.67 %	8	53.33 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	5	721	3.15 %	56	7.77 %	624	86.55 %	41	5.69 %	39	5.41 %	2	0.28 %
		SER-FLEXI	5	484	2.12 %	109	22.52 %	362	74.79 %	19	3.93 %	13	2.69 %	0	0.00 %
	Ceredigion	PAR-IR-EX	1	2	0.01 %	2	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	1	18	0.08 %	7	38.89 %	10	55.56 %	2	11.11 %	1	5.56 %	0	0.00 %
		PAR-PERSIS	4	168	0.73 %	18	10.71 %	131	77.98 %	18	10.71 %	17	10.12 %	2	1.19 %
		PAR-RAPID	2	7	0.03 %	1	14.29 %	6	85.71 %	0	0.00 %	0	0.00 %	0	0.00 %
	Gwent	PAR-IR-SEV	1	3	0.01 %	3	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2a. Summary by County for January 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
		PAR-OTHER	1	1	0.00 %	0	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	4	386	1.69 %	36	9.33 %	328	84.97 %	23	5.96 %	22	5.70 %	0	0.00 %
		PAR-RAPID	1	6	0.03 %	3	50.00 %	3	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	Pembs	PAR-IR-EX	4	19	0.08 %	10	52.63 %	7	36.84 %	2	10.53 %	2	10.53 %	0	0.00 %
		PAR-IR-SEV	22	218	0.95 %	104	47.71 %	104	47.71 %	13	5.96 %	10	4.59 %	0	0.00 %
		PAR-OTHER	1	17	0.07 %	7	41.18 %	10	58.82 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	5	282	1.23 %	26	9.22 %	240	85.11 %	21	7.45 %	16	5.67 %	0	0.00 %
		PAR-RAPID	5	16	0.07 %	3	18.75 %	5	31.25 %	0	0.00 %	0	0.00 %	8	50.00 %
		PAR-RECUR	2	6	0.03 %	0	0.00 %	5	83.33 %	1	16.67 %	1	16.67 %	0	0.00 %
	Powys	PAR-IR-EX	1	5	0.02 %	1	20.00 %	2	40.00 %	2	40.00 %	2	40.00 %	0	0.00 %
		PAR-IR-SEV	2	3	0.01 %	0	0.00 %	3	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	7	1,548	6.77 %	112	7.24 %	1357	87.66 %	40	2.58 %	34	2.20 %	45	2.91 %
		PAR-RAPID	3	11	0.05 %	1	9.09 %	10	90.91 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	1	17	0.07 %	1	5.88 %	15	88.24 %	1	5.88 %	1	5.88 %	0	0.00 %
	W Glamorgan	PAR-OTHER	1	7	0.03 %	1	14.29 %	6	85.71 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RAPID	1	8	0.03 %	4	50.00 %	4	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Wales - Intermediate TB	Ceredigion	PAR-IR-SEV	1	4	0.02 %	4	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	2	181	0.79 %	39	21.55 %	137	75.69 %	6	3.31 %	4	2.21 %	1	0.55 %
		PAR-RAPID	2	6	0.03 %	3	50.00 %	3	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	NE Wales	PAR-IR-EX	2	16	0.07 %	6	37.50 %	10	62.50 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	4	47	0.21 %	16	34.04 %	30	63.83 %	1	2.13 %	1	2.13 %	0	0.00 %
		PAR-NEW-IN	4	658	2.88 %	32	4.86 %	589	89.51 %	42	6.38 %	34	5.17 %	3	0.46 %
		PAR-PERSIS	1	4	0.02 %	0	0.00 %	4	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	Powys	PAR-NEW-IN	3	542	2.37 %	13	2.40 %	509	93.91 %	31	5.72 %	20	3.69 %	0	0.00 %
		PAR-RECUR	2	36	0.16 %	2	5.56 %	30	83.33 %	4	11.11 %	4	11.11 %	0	0.00 %
	W Glamorgan	PAR-OTHER	1	9	0.04 %	5	55.56 %	4	44.44 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RAPID	1	3	0.01 %	1	33.33 %	2	66.67 %	0	0.00 %	0	0.00 %	0	0.00 %
Wales - Low TB	Gwynedd	PAR-NEW-IN	5	226	0.99 %	13	5.75 %	197	87.17 %	17	7.52 %	16	7.08 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2a. Summary by County for January 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
	NE Wales	PAR-NEW-IN	4	207	0.91 %	5	2.42 %	190	91.79 %	13	6.28 %	11	5.31 %	1	0.48 %
		SER-FLEXI	1	55	0.24 %	13	23.64 %	39	70.91 %	3	5.45 %	3	5.45 %	0	0.00 %
Wales			133	7042	30.79 %	726	10.31 %	5976	84.86 %	334	4.74 %	276	3.92 %	64	0.91 %
Scotland - Scotland	Argyll & Bute	PAR-NEW-IN	3	159	0.70 %	1	0.63 %	155	97.48 %	6	3.77 %	3	1.89 %	0	0.00 %
	Dumfries & G	PAR-NEW-IN	4	527	2.30 %	6	1.14 %	500	94.88 %	32	6.07 %	21	3.98 %	0	0.00 %
Scotland			7	686	3.00 %	7	1.02 %	655	95.48 %	38	5.54 %	24	3.50 %	0	0.00 %
Grand Total		Sum:	251	22868		1556		19976		1390		1184		152	

*For test criteria please refer to Operational notes.

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2b. Summary by County for 2025

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
England - HRA	Avon	PAR-OTHER	1	23	0.10 %	1	4.35 %	18	78.26 %	4	17.39 %	4	17.39 %	0	0.00 %
		PAR-RECUR	4	895	3.91 %	58	6.48 %	802	89.61 %	50	5.59 %	35	3.91 %	0	0.00 %
	Corn & Scilly	PAR-RECUR	1	5	0.02 %	0	0.00 %	5	100.00 %	5	100.00 %	0	0.00 %	0	0.00 %
	Devon	PAR-CHR	2	318	1.39 %	25	7.86 %	287	90.25 %	7	2.20 %	6	1.89 %	0	0.00 %
		PAR-CUL-N	1	2	0.01 %	0	0.00 %	2	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-OTHER	4	668	2.92 %	86	12.87 %	559	83.68 %	24	3.59 %	22	3.29 %	1	0.15 %
		PAR-RECUR	8	1,713	7.49 %	123	7.18 %	1497	87.39 %	96	5.60 %	88	5.14 %	5	0.29 %
	Dorset	PAR-PERSIS	1	279	1.22 %	35	12.54 %	221	79.21 %	26	9.32 %	23	8.24 %	0	0.00 %
		PAR-RECUR	1	23	0.10 %	2	8.70 %	10	43.48 %	11	47.83 %	11	47.83 %	0	0.00 %
	Gloucs	PAR-RECUR	2	355	1.55 %	27	7.61 %	309	87.04 %	23	6.48 %	19	5.35 %	0	0.00 %
	Heref	PAR-CHR	1	11	0.05 %	4	36.36 %	7	63.64 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	3	306	1.34 %	11	3.59 %	262	85.62 %	35	11.44 %	32	10.46 %	1	0.33 %
	Shropshire	PAR-OTHER	3	130	0.57 %	12	9.23 %	108	83.08 %	12	9.23 %	10	7.69 %	0	0.00 %
		PAR-RECUR	4	666	2.91 %	48	7.21 %	549	82.43 %	72	10.81 %	68	10.21 %	1	0.15 %
	Somerset excl N	PAR-CHR	1	5	0.02 %	2	40.00 %	1	20.00 %	2	40.00 %	2	40.00 %	0	0.00 %
		PAR-CUL-P	1	1	0.00 %	0	0.00 %	0	0.00 %	1	100.00 %	1	100.00 %	0	0.00 %
		PAR-RECUR	8	1,171	5.12 %	21	1.79 %	1042	88.98 %	64	5.47 %	55	4.70 %	53	4.53 %
	Staffs	PAR-CHR	3	882	3.86 %	34	3.85 %	772	87.53 %	83	9.41 %	74	8.39 %	2	0.23 %
		PAR-RECUR	9	2,242	9.80 %	76	3.39 %	2021	90.14 %	170	7.58 %	142	6.33 %	3	0.13 %
	Wiltshire	PAR-CUL-P	1	424	1.85 %	22	5.19 %	389	91.75 %	14	3.30 %	13	3.07 %	0	0.00 %
		PAR-RECUR	1	129	0.56 %	14	10.85 %	110	85.27 %	8	6.20 %	5	3.88 %	0	0.00 %
		SER-FLEXI	2	31	0.14 %	13	41.94 %	17	54.84 %	1	3.23 %	1	3.23 %	0	0.00 %
	W Midlands	PAR-RECUR	2	490	2.14 %	28	5.71 %	441	90.00 %	24	4.90 %	21	4.29 %	0	0.00 %
	Worcs	PAR-RECUR	1	115	0.50 %	3	2.61 %	103	89.57 %	10	8.70 %	9	7.83 %	0	0.00 %
England - Edge	Berks	PAR-NEW-IN	3	252	1.10 %	6	2.38 %	224	88.89 %	22	8.73 %	22	8.73 %	0	0.00 %
	Bucks	PAR-NEW-IN	3	321	1.40 %	31	9.66 %	268	83.49 %	25	7.79 %	22	6.85 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2b. Summary by County for 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
		PAR-RECUR	1	17	0.07 %	0	0.00 %	7	41.18 %	10	58.82 %	10	58.82 %	0	0.00 %
	Cheshire	PAR-RECUR	2	50	0.22 %	1	2.00 %	45	90.00 %	4	8.00 %	4	8.00 %	0	0.00 %
	Derbyshire	PAR-NEW-IN	7	312	1.36 %	8	2.56 %	284	91.03 %	24	7.69 %	19	6.09 %	1	0.32 %
		PAR-OTHER	2	146	0.64 %	11	7.53 %	130	89.04 %	7	4.79 %	5	3.42 %	0	0.00 %
		PAR-RECUR	2	146	0.64 %	3	2.05 %	131	89.73 %	16	10.96 %	12	8.22 %	0	0.00 %
	E Sussex	PAR-NEW-IN	2	308	1.35 %	11	3.57 %	293	95.13 %	6	1.95 %	4	1.30 %	0	0.00 %
	Hampshire	PAR-NEW-IN	2	223	0.98 %	9	4.04 %	188	84.30 %	29	13.00 %	26	11.66 %	0	0.00 %
	Leics & Rut	PAR-NEW-IN	6	615	2.69 %	29	4.72 %	558	90.73 %	26	4.23 %	24	3.90 %	4	0.65 %
	Northants	PAR-NEW-IN	1	134	0.59 %	3	2.24 %	127	94.78 %	5	3.73 %	4	2.99 %	0	0.00 %
	Oxon	PAR-RECUR	1	411	1.80 %	19	4.62 %	370	90.02 %	24	5.84 %	21	5.11 %	1	0.24 %
	Warks	PAR-RECUR	2	9	0.04 %	2	22.22 %	7	77.78 %	0	0.00 %	0	0.00 %	0	0.00 %
England - LRA	Beds	PAR-NEW-IN	1	146	0.64 %	2	1.37 %	132	90.41 %	7	4.79 %	6	4.11 %	6	4.11 %
	Cumbria	PAR-NEW-IN	5	515	2.25 %	22	4.27 %	448	86.99 %	40	7.77 %	37	7.18 %	8	1.55 %
	Herts	PAR-NEW-IN	1	91	0.40 %	3	3.30 %	84	92.31 %	2	2.20 %	2	2.20 %	2	2.20 %
	Lincs	PAR-NEW-IN	5	560	2.45 %	18	3.21 %	517	92.32 %	29	5.18 %	25	4.46 %	0	0.00 %
England			111	15140	66.21 %	823	5.44 %	13345	88.14 %	1018	6.72 %	884	5.84 %	88	0.58 %
Wales - High TB	Carms	PAR-IR-EX	1	1	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	7	41	0.18 %	8	19.51 %	32	78.05 %	1	2.44 %	1	2.44 %	0	0.00 %
		PAR-OTHER	1	8	0.03 %	1	12.50 %	7	87.50 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	8	1,030	4.50 %	52	5.05 %	952	92.43 %	33	3.20 %	24	2.33 %	2	0.19 %
		PAR-RAPID	3	15	0.07 %	7	46.67 %	8	53.33 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	5	721	3.15 %	56	7.77 %	624	86.55 %	41	5.69 %	39	5.41 %	2	0.28 %
		SER-FLEXI	5	484	2.12 %	109	22.52 %	362	74.79 %	19	3.93 %	13	2.69 %	0	0.00 %
	Ceredigion	PAR-IR-EX	1	2	0.01 %	2	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	1	18	0.08 %	7	38.89 %	10	55.56 %	2	11.11 %	1	5.56 %	0	0.00 %
		PAR-PERSIS	4	168	0.73 %	18	10.71 %	131	77.98 %	18	10.71 %	17	10.12 %	2	1.19 %
		PAR-RAPID	2	7	0.03 %	1	14.29 %	6	85.71 %	0	0.00 %	0	0.00 %	0	0.00 %
	Gwent	PAR-IR-SEV	1	3	0.01 %	3	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2b. Summary by County for 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
		PAR-OTHER	1	1	0.00 %	0	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	4	386	1.69 %	36	9.33 %	328	84.97 %	23	5.96 %	22	5.70 %	0	0.00 %
		PAR-RAPID	1	6	0.03 %	3	50.00 %	3	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	Pembs	PAR-IR-EX	4	19	0.08 %	10	52.63 %	7	36.84 %	2	10.53 %	2	10.53 %	0	0.00 %
		PAR-IR-SEV	22	218	0.95 %	104	47.71 %	104	47.71 %	13	5.96 %	10	4.59 %	0	0.00 %
		PAR-OTHER	1	17	0.07 %	7	41.18 %	10	58.82 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	5	282	1.23 %	26	9.22 %	240	85.11 %	21	7.45 %	16	5.67 %	0	0.00 %
		PAR-RAPID	5	16	0.07 %	3	18.75 %	5	31.25 %	0	0.00 %	0	0.00 %	8	50.00 %
		PAR-RECUR	2	6	0.03 %	0	0.00 %	5	83.33 %	1	16.67 %	1	16.67 %	0	0.00 %
	Powys	PAR-IR-EX	1	5	0.02 %	1	20.00 %	2	40.00 %	2	40.00 %	2	40.00 %	0	0.00 %
		PAR-IR-SEV	2	3	0.01 %	0	0.00 %	3	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	7	1,548	6.77 %	112	7.24 %	1357	87.66 %	40	2.58 %	34	2.20 %	45	2.91 %
		PAR-RAPID	3	11	0.05 %	1	9.09 %	10	90.91 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RECUR	1	17	0.07 %	1	5.88 %	15	88.24 %	1	5.88 %	1	5.88 %	0	0.00 %
	W Glamorgan	PAR-OTHER	1	7	0.03 %	1	14.29 %	6	85.71 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RAPID	1	8	0.03 %	4	50.00 %	4	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Wales - Intermediate TB	Ceredigion	PAR-IR-SEV	1	4	0.02 %	4	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-PERSIS	2	181	0.79 %	39	21.55 %	137	75.69 %	6	3.31 %	4	2.21 %	1	0.55 %
		PAR-RAPID	2	6	0.03 %	3	50.00 %	3	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	NE Wales	PAR-IR-EX	2	16	0.07 %	6	37.50 %	10	62.50 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-IR-SEV	4	47	0.21 %	16	34.04 %	30	63.83 %	1	2.13 %	1	2.13 %	0	0.00 %
		PAR-NEW-IN	4	658	2.88 %	32	4.86 %	589	89.51 %	42	6.38 %	34	5.17 %	3	0.46 %
		PAR-PERSIS	1	4	0.02 %	0	0.00 %	4	100.00 %	0	0.00 %	0	0.00 %	0	0.00 %
	Powys	PAR-NEW-IN	3	542	2.37 %	13	2.40 %	509	93.91 %	31	5.72 %	20	3.69 %	0	0.00 %
		PAR-RECUR	2	36	0.16 %	2	5.56 %	30	83.33 %	4	11.11 %	4	11.11 %	0	0.00 %
	W Glamorgan	PAR-OTHER	1	9	0.04 %	5	55.56 %	4	44.44 %	0	0.00 %	0	0.00 %	0	0.00 %
		PAR-RAPID	1	3	0.01 %	1	33.33 %	2	66.67 %	0	0.00 %	0	0.00 %	0	0.00 %
Wales - Low TB	Gwynedd	PAR-NEW-IN	5	226	0.99 %	13	5.75 %	197	87.17 %	17	7.52 %	16	7.08 %	0	0.00 %

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 2b. Summary by County for 2025 Cont.

Country	County	Submission Reasons*	No. subs	Samples		Gamma Positive		Gamma Negatives		Retest*		Resample		Reject	
				n	% of total	n	%	n	%	n	%				
	NE Wales	PAR-NEW-IN	4	207	0.91 %	5	2.42 %	190	91.79 %	13	6.28 %	11	5.31 %	1	0.48 %
		SER-FLEXI	1	55	0.24 %	13	23.64 %	39	70.91 %	3	5.45 %	3	5.45 %	0	0.00 %
Wales			133	7042	30.79 %	726	10.31 %	5976	84.86 %	334	4.74 %	276	3.92 %	64	0.91 %
Scotland - Scotland	Argyll & Bute	PAR-NEW-IN	3	159	0.70 %	1	0.63 %	155	97.48 %	6	3.77 %	3	1.89 %	0	0.00 %
	Dumfries & G	PAR-NEW-IN	4	527	2.30 %	6	1.14 %	500	94.88 %	32	6.07 %	21	3.98 %	0	0.00 %
Scotland			7	686	3.00 %	7	1.02 %	655	95.48 %	38	5.54 %	24	3.50 %	0	0.00 %
Grand Total		Sum:	251	22868		1556		19976		1390		1184		152	

*For test criteria please refer to Operational notes.

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

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 breakdown herds - where VL reactors are disclosed at a 3rd or subsequent SI test, or SLH case after a 2nd or subsequent SI test

Table 3a. Summary of IFN Gamma results by country and protocol January 2025

Country	Protocol	No submissions	Samples		Positive		Negatives		Retest*		Resample		Reject	
			n	% of total	n	%	n	%	n	%	n	%	n	%
England	Parallel	109	15109	99.8%	810	5.4%	13328	88.2%	1017	6.7%	883	5.8%	88	0.6%
	Serial/Extended	2	31	0.2%	13	41.9%	17	54.8%	1	3.2%	1	3.2%	0	0.0 %
	Total	111	15140	100.0%	823	5.4%	13345	88.1%	1018	6.7%	884	5.8%	88	0.6%
Scotland	Parallel	7	686	100.0%	7	1.0%	655	95.5%	38	5.5%	24	3.5%	0	0.0 %
	Serial/Extended	0	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %
	Total	7	686	100.0%	7	1.0%	655	95.5%	38	5.5%	24	3.5%	0	0.0 %
Wales	Parallel	127	6503	92.3%	604	9.3%	5575	85.7%	312	4.8%	260	4.0%	64	1.0%
	Serial/Extended	6	539	7.7%	122	22.6%	401	74.4%	22	4.1%	16	3.0%	0	0.0 %
	Total	133	7042	100.0%	726	10.3%	5976	84.9%	334	4.7%	276	3.9%	64	0.9%
GB	Parallel	243	22298	97.5%	1421	6.4%	19558	87.7%	1367	6.1%	1167	5.2%	152	0.7%
	Serial/Extended	8	570	2.5%	135	23.7%	418	73.3%	23	4.0%	17	3.0%	0	0.0 %
	Total	251	22868	100.0%	1556	6.8%	19976	87.4%	1390	6.1%	1184	5.2%	152	0.7%

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

Table 3b. Summary of IFN Gamma results by country and protocol (Total 2025)

Country	Protocol	No submissions	Samples		Positive		Negatives		Retest*		Resample		Reject	
			n	% of total	n	%	n	%	n	%	n	%	n	%
England	Parallel	109	15109	99.8%	810	5.4%	13328	88.2%	1017	6.7%	883	5.8%	88	0.6%
	Serial/Extended	2	31	0.2%	13	41.9%	17	54.8%	1	3.2%	1	3.2%	0	0.0 %
	Total	111	15140	100.0%	823	5.4%	13345	88.1%	1018	6.7%	884	5.8%	88	0.6%
Scotland	Parallel	7	686	100.0%	7	1.0%	655	95.5%	38	5.5%	24	3.5%	0	0.0 %
	Serial/Extended	0	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %	0	0.0 %
	Total	7	686	100.0%	7	1.0%	655	95.5%	38	5.5%	24	3.5%	0	0.0 %
Wales	Parallel	127	6503	92.3%	604	9.3%	5575	85.7%	312	4.8%	260	4.0%	64	1.0%
	Serial/Extended	6	539	7.7%	122	22.6%	401	74.4%	22	4.1%	16	3.0%	0	0.0 %
	Total	133	7042	100.0%	726	10.3%	5976	84.9%	334	4.7%	276	3.9%	64	0.9%
GB	Parallel	243	22298	97.5%	1421	6.4%	19558	87.7%	1367	6.1%	1167	5.2%	152	0.7%
	Serial/Extended	8	570	2.5%	135	23.7%	418	73.3%	23	4.0%	17	3.0%	0	0.0 %
	Total	251	22868	100.0%	1556	6.8%	19976	87.4%	1390	6.1%	1184	5.2%	152	0.7%

* Sufficient plasma supernatant is collected and stored following the overnight culture stage of the assay such that if the sample fails any of the QC criteria, it is possible for the laboratory to 're-test' the original sample. Depending on the outcome of a retest, a resample (if QC criteria fail to be met), a positive or a negative result will be reported. Therefore, the total number of samples = the sum of positive, negative, resample and reject samples only.

Table 4a. Summaryof IFN Gamma results by submission reason (January 2025)

	Submission Reason	No submissions	Samples		Gamma Positive		Gamma Negatives		Retest		Resample		Reject	
			n	% of total	n	%	n	%	n	%	n	%	n	%
GB														
	Extended Flexible IFN-GAMMA test	8	570	2.5%	135	23.7%	418	73.3%	23	4.0 %	17	3.0 %	0	
	Parallel – chronic breakdown	7	1216	5.3%	65	5.3%	1067	87.7%	92	7.6 %	82	6.7 %	2	0.2 %
	Parallel - IRs in Exit Strategy for persistent her	9	43	0.2%	20	46.5%	19	44.2%	4	9.3 %	4	9.3 %	0	
	Parallel New Infection	59	5796	25.3%	212	3.7%	5263	90.8%	356	6.1 %	296	5.1 %	25	0.4 %
	Parallel - new infection cull area	1	2	0.0%	0	0.0 %	2	100.0%	0		0		0	
	Parallel - Other	15	1009	4.4%	124	12.3%	843	83.5%	47	4.7 %	41	4.1 %	1	0.1 %
	Parallel Persistent Infection	32	3878	17.0%	318	8.2%	3370	86.9%	167	4.3 %	140	3.6 %	50	1.3 %
	Parallel - persistent infection cull area	2	425	1.9%	22	5.2%	389	91.5%	15	3.5 %	14	3.3 %	0	
	Parallel - Rapid Testing Two-times IRs	18	72	0.3%	23	31.9%	41	56.9%	0		0		8	11.1 %
	Parallel - Recurrent breakdowns	62	9523	41.6%	495	5.2%	8385	88.0%	669	7.0 %	577	6.1 %	66	0.7 %
	Parallel - severe IRs - in persistent herds	38	334	1.5%	142	42.5%	179	53.6%	17	5.1 %	13	3.9 %	0	
	Total	251	22868	100.0%	1556	6.8%	19976	87.4%	1390	6.1 %	1184	5.2 %	152	0.7 %
England - HRA	Extended Flexible IFN-GAMMA test	2	31	0.1%	13	41.9%	17	54.8%	1	3.2 %	1	3.2 %	0	
	Parallel – chronic breakdown	7	1216	5.3%	65	5.3%	1067	87.7%	92	7.6 %	82	6.7 %	2	0.2 %
	Parallel - new infection cull area	1	2	0.0%	0	0.0 %	2	100.0%	0		0		0	
	Parallel - Other	8	821	3.6%	99	12.1%	685	83.4%	40	4.9 %	36	4.4 %	1	0.1 %
	Parallel Persistent Infection	1	279	1.2%	35	12.5%	221	79.2%	26	9.3 %	23	8.2 %	0	
	Parallel - persistent infection cull area	2	425	1.9%	22	5.2%	389	91.5%	15	3.5 %	14	3.3 %	0	
	Parallel - Recurrent breakdowns	44	8110	35.5%	411	5.1%	7151	88.2%	568	7.0 %	485	6.0 %	63	0.8 %
England - HRA		65	10884	47.6%	645	5.9%	9532	87.6%	742	6.8 %	641	5.9 %	66	0.6 %
England - Edge	Parallel New Infection	24	2165	9.5%	97	4.5%	1942	89.7%	137	6.3 %	121	5.6 %	5	0.2 %
	Parallel - Other	2	146	0.6%	11	7.5%	130	89.0%	7	4.8 %	5	3.4 %	0	
	Parallel - Recurrent breakdowns	8	633	2.8%	25	3.9%	560	88.5%	54	8.5 %	47	7.4 %	1	0.2 %
England - Edge		34	2944	12.9%	133	4.5%	2632	89.4%	198	6.7 %	173	5.9 %	6	0.2 %
England - LRA	Parallel New Infection	12	1312	5.7%	45	3.4%	1181	90.0%	78	5.9 %	70	5.3 %	16	1.2 %
England - LRA		12	1312	5.7%	45	3.4%	1181	90.0%	78	5.9 %	70	5.3 %	16	1.2 %
Wales - High TB	Extended Flexible IFN-GAMMA test	5	484	2.1%	109	22.5%	362	74.8%	19	3.9 %	13	2.7 %	0	
	Parallel - IRs in Exit Strategy for persistent her	7	27	0.1%	14	51.9%	9	33.3%	4	14.8 %	4	14.8 %	0	
	Parallel - Other	4	33	0.1%	9	27.3%	24	72.7%	0		0		0	
	Parallel Persistent Infection	28	3414	14.9%	244	7.1%	3008	88.1%	135	4.0 %	113	3.3 %	49	1.4 %
	Parallel - Rapid Testing Two-times IRs	15	63	0.3%	19	30.2%	36	57.1%	0		0		8	12.7 %
	Parallel - Recurrent breakdowns	8	744	3.3%	57	7.7%	644	86.6%	43	5.8 %	41	5.5 %	2	0.3 %
	Parallel - severe IRs - in persistent herds	33	283	1.2%	122	43.1%	149	52.7%	16	5.7 %	12	4.2 %	0	
Wales - High TB		100	5048	22.1%	574	11.4%	4232	83.8%	217	4.3 %	183	3.6 %	59	1.2 %
Wales - Intermediate TB	Parallel - IRs in Exit Strategy for persistent her	2	16	0.1%	6	37.5%	10	62.5%	0		0		0	
	Parallel New Infection	7	1200	5.2%	45	3.8%	1098	91.5%	73	6.1 %	54	4.5 %	3	0.3 %
	Parallel - Other	1	9	0.0%	5	55.6%	4	44.4%	0		0		0	
	Parallel Persistent Infection	3	185	0.8%	39	21.1%	141	76.2%	6	3.2 %	4	2.2 %	1	0.5 %
	Parallel - Rapid Testing Two-times IRs	3	9	0.0%	4	44.4%	5	55.6%	0		0		0	
	Parallel - Recurrent breakdowns	2	36	0.2%	2	5.6%	30	83.3%	4	11.1 %	4	11.1 %	0	
	Parallel - severe IRs - in persistent herds	5	51	0.2%	20	39.2%	30	58.8%	1	2.0 %	1	2.0 %	0	
Wales - Intermediate TB		23	1506	6.6%	121	8.0%	1318	87.5%	84	5.6 %	63	4.2 %	4	0.3 %
Wales - Low TB	Extended Flexible IFN-GAMMA test	1	55	0.2%	13	23.6%	39	70.9%	3	5.5 %	3	5.5 %	0	
	Parallel New Infection	9	433	1.9%	18	4.2%	387	89.4%	30	6.9 %	27	6.2 %	1	0.2 %
Wales - Low TB		10	488	2.1%	31	6.4%	426	87.3%	33	6.8 %	30	6.1 %	1	0.2 %
Scotland - Scotland	Parallel New Infection	7	686	3.0%	7	1.0%	655	95.5%	38	5.5 %	24	3.5 %	0	
Scotland - Scotland		7	686	3.0%	7	1.0%	655	95.5%	38	5.5 %	24	3.5 %	0	

Table 4b. Summary of IFN Gamma results by submission reason (Total 2025)

	Submission Reason	No submissions	Samples		Gamma Positive		Gamma Negatives		Retest		Resample		Reject	
			n	% of total	n	%	n	%	n	%	n	%	n	%
GB														
	Extended Flexible IFN-GAMMA test	8	570	2.5%	135	23.7%	418	73.3%	23	4.0 %	17	3.0 %	0	
	Parallel – chronic breakdown	7	1216	5.3%	65	5.3%	1067	87.7%	92	7.6 %	82	6.7 %	2	0.2 %
	Parallel - IRs in Exit Strategy for persistent herd	9	43	0.2%	20	46.5%	19	44.2%	4	9.3 %	4	9.3 %	0	
	Parallel New Infection	59	5796	25.3%	212	3.7%	5263	90.8%	356	6.1 %	296	5.1 %	25	0.4 %
	Parallel - new infection cull area	1	2	0.0%	0	0.0 %	2	100.0%	0		0		0	
	Parallel - Other	15	1009	4.4%	124	12.3%	843	83.5%	47	4.7 %	41	4.1 %	1	0.1 %
	Parallel Persistent Infection	32	3878	17.0%	318	8.2%	3370	86.9%	167	4.3 %	140	3.6 %	50	1.3 %
	Parallel - persistent infection cull area	2	425	1.9%	22	5.2%	389	91.5%	15	3.5 %	14	3.3 %	0	
	Parallel - Rapid Testing Two-times IRs	18	72	0.3%	23	31.9%	41	56.9%	0		0		8	11.1 %
	Parallel - Recurrent breakdowns	62	9523	41.6%	495	5.2%	8385	88.0%	669	7.0 %	577	6.1 %	66	0.7 %
	Parallel - severe IRs - in persistent herds	38	334	1.5%	142	42.5%	179	53.6%	17	5.1 %	13	3.9 %	0	
	Total	251	22868	100.0%	1556	6.8%	19976	87.4%	1390	6.1 %	1184	5.2 %	152	0.7 %
England - HRA	Extended Flexible IFN-GAMMA test	2	31	0.1%	13	41.9%	17	54.8%	1	3.2 %	1	3.2 %	0	
	Parallel – chronic breakdown	7	1216	5.3%	65	5.3%	1067	87.7%	92	7.6 %	82	6.7 %	2	0.2 %
	Parallel - new infection cull area	1	2	0.0%	0	0.0 %	2	100.0%	0		0		0	
	Parallel - Other	8	821	3.6%	99	12.1%	685	83.4%	40	4.9 %	36	4.4 %	1	0.1 %
	Parallel Persistent Infection	1	279	1.2%	35	12.5%	221	79.2%	26	9.3 %	23	8.2 %	0	
	Parallel - persistent infection cull area	2	425	1.9%	22	5.2%	389	91.5%	15	3.5 %	14	3.3 %	0	
	Parallel - Recurrent breakdowns	44	8110	35.5%	411	5.1%	7151	88.2%	568	7.0 %	485	6.0 %	63	0.8 %
England - Edge	Parallel New Infection	24	2165	9.5%	97	4.5%	1942	89.7%	137	6.3 %	121	5.6 %	5	0.2 %
	Parallel - Other	2	146	0.6%	11	7.5%	130	89.0%	7	4.8 %	5	3.4 %	0	
	Parallel - Recurrent breakdowns	8	633	2.8%	25	3.9%	560	88.5%	54	8.5 %	47	7.4 %	1	0.2 %
England - LRA	Parallel New Infection	12	1312	5.7%	45	3.4%	1181	90.0%	78	5.9 %	70	5.3 %	16	1.2 %
England		111	15140	66.2%	823	5.4%	13345	88.1%	1018	6.7 %	884	5.8 %	88	0.6 %
Wales - High TB	Extended Flexible IFN-GAMMA test	5	484	2.1%	109	22.5%	362	74.8%	19	3.9 %	13	2.7 %	0	
	Parallel - IRs in Exit Strategy for persistent herd	7	27	0.1%	14	51.9%	9	33.3%	4	14.8 %	4	14.8 %	0	

Table 4b. Summary of IFN Gamma results by submission reason (Total 2025) Cont.

	Parallel - Other	4	33	0.1%	9	27.3%	24	72.7%	0		0		0	
	Parallel Persistent Infection	28	3414	14.9%	244	7.1%	3008	88.1%	135	4.0 %	113	3.3 %	49	1.4 %
	Parallel - Rapid Testing Two-times IRs	15	63	0.3%	19	30.2%	36	57.1%	0		0		8	12.7 %
	Parallel - Recurrent breakdowns	8	744	3.3%	57	7.7%	644	86.6%	43	5.8 %	41	5.5 %	2	0.3 %
	Parallel - severe IRs - in persistent herds	33	283	1.2%	122	43.1%	149	52.7%	16	5.7 %	12	4.2 %	0	
Wales - Intermediate TB	Parallel - IRs in Exit Strategy for persistent herd	2	16	0.1%	6	37.5%	10	62.5%	0		0		0	
	Parallel New Infection	7	1200	5.2%	45	3.8%	1098	91.5%	73	6.1 %	54	4.5 %	3	0.3 %
	Parallel - Other	1	9	0.0%	5	55.6%	4	44.4%	0		0		0	
	Parallel Persistent Infection	3	185	0.8%	39	21.1%	141	76.2%	6	3.2 %	4	2.2 %	1	0.5 %
	Parallel - Rapid Testing Two-times IRs	3	9	0.0%	4	44.4%	5	55.6%	0		0		0	
	Parallel - Recurrent breakdowns	2	36	0.2%	2	5.6%	30	83.3%	4	11.1 %	4	11.1 %	0	
	Parallel - severe IRs - in persistent herds	5	51	0.2%	20	39.2%	30	58.8%	1	2.0 %	1	2.0 %	0	
Wales - Low TB	Extended Flexible IFN-GAMMA test	1	55	0.2%	13	23.6%	39	70.9%	3	5.5 %	3	5.5 %	0	
	Parallel New Infection	9	433	1.9%	18	4.2%	387	89.4%	30	6.9 %	27	6.2 %	1	0.2 %
Wales		133	7042	30.8%	726	10.3%	5976	84.9%	334	4.7 %	276	3.9 %	64	0.9 %
Scotland - Scotland	Parallel New Infection	7	686	3.0%	7	1.0%	655	95.5%	38	5.5 %	24	3.5 %	0	
Scotland		7	686	3.0%	7	1.0%	655	95.5%	38	5.5 %	24	3.5 %	0	

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

Year	Month	Herds sampled	Samples tested	Herds with positives	IFNg+ samples	Wrong Eartags	No PM No Cult	No PM Cult Pend	No PM Cult Neg	No PM Cult Mb	No PM Cult Other	VL No Cult	VL Cult Neg	VL Cult Pend	VL Cult Mb	VL Cult Other	NVL No Cult	NVL Cult Pend	NVL Cult Neg	NVL Cult Mb	NVL Cult Other
2024	February	257	20510	159	1189		13	0	0	0	0	31	1	0	12	0	1021	1	109	1	0
	March	215	19876	142	1054		15	0	0	0	0	70	2	0	26	0	879	0	60	0	0
	April	237	18969	146	1092		4	0	0	0	0	44	4	0	11	0	958	0	71	0	0
	May	207	15411	129	733		0	0	0	0	0	11	3	0	9	0	657	0	53	0	0
	June	197	18101	133	797		9	0	0	0	0	32	1	0	19	0	720	0	2	0	14
	July	223	19494	124	825		7	0	0	0	0	25	4	0	20	0	753	1	7	1	6
	August	197	14635	123	639		25	0	0	0	0	21	2	0	17	0	551	1	21	0	0
	September	174	11490	104	803		20	0	0	0	0	88	7	0	8	2	673	0	5	0	0
	October	243	20535	159	1136		11	0	0	0	0	35	1	1	26	10	1035	0	19	0	0
	November	248	18671	155	1039	2	12	0	0	0	0	79	0	0	12	13	886	0	35	0	0
	December	185	14677	117	942		93	0	0	0	0	61	0	18	13	3	739	2	13	0	0
2025	January	251	22868	167	1556	665	350	0	0	0	0	0	0	0	0	0	5	0	0	0	0
	Totals (last 12 months)	2634	215237	1658	11805	667	559	0	0	0	0	497	25	19	173	28	8877	5	395	2	20

Please note: "Wrong Eartags" – this column represents those samples in the laboratory information management system (LIMS) for which there is not a matching ear tag in the Cattle TB Data dataset (SAM) at the time of monthly report trawling. Most resolve in subsequent monthly reports as the field data is added to SAM.

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	No PM No Cult	No PM Cult Pend	No PM Cult Neg	No PM Cult Mb	No PM Cult Other	VL No Cult	VL Cult Neg	VL Cult Pend	VL Cult Mb	VL Cult Other	NVL No Cult	NVL Cult Pend	NVL Cult Neg	NVL Cult Mb	NVL Cult Other
England	1103	140812	743	6475	344	0	0	0	0	412	8	6	95	5	4799	5	155	1	0
Scotland	40	7168	32	174	0	0	0	0	0	0	1	0	15	2	137	0	11	0	0
Wales	1491	67257	883	5156	215	0	0	0	0	85	16	13	63	21	3941	0	229	1	20
Totals	2634	215237	1658	11805	559	0	0	0	0	497	25	19	173	28	8877	5	395	2	20

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

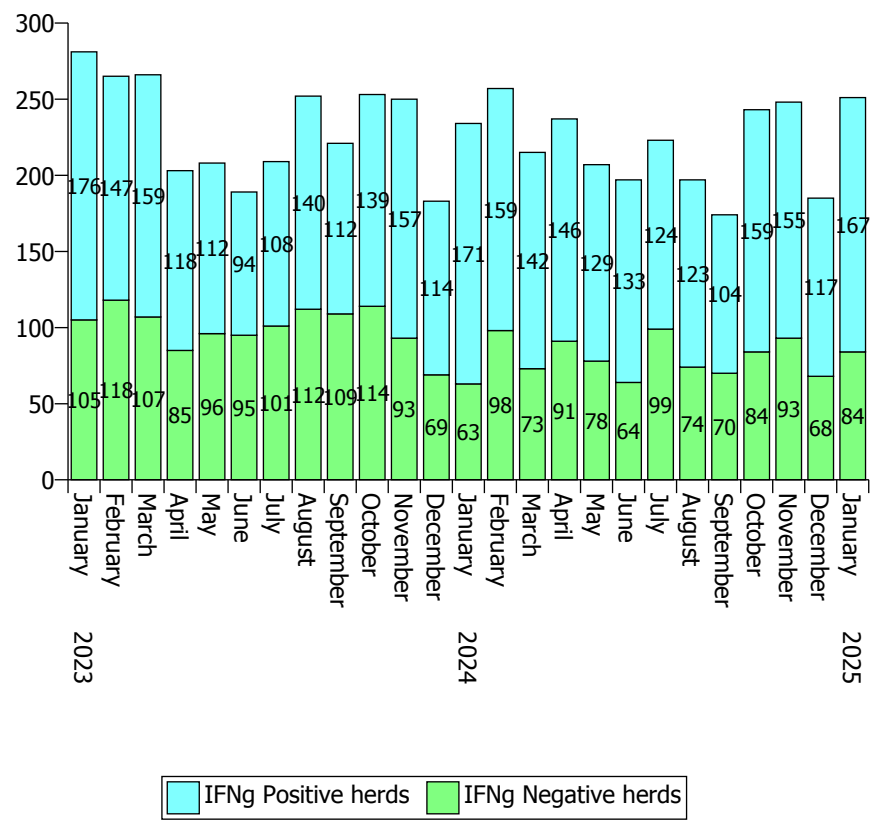
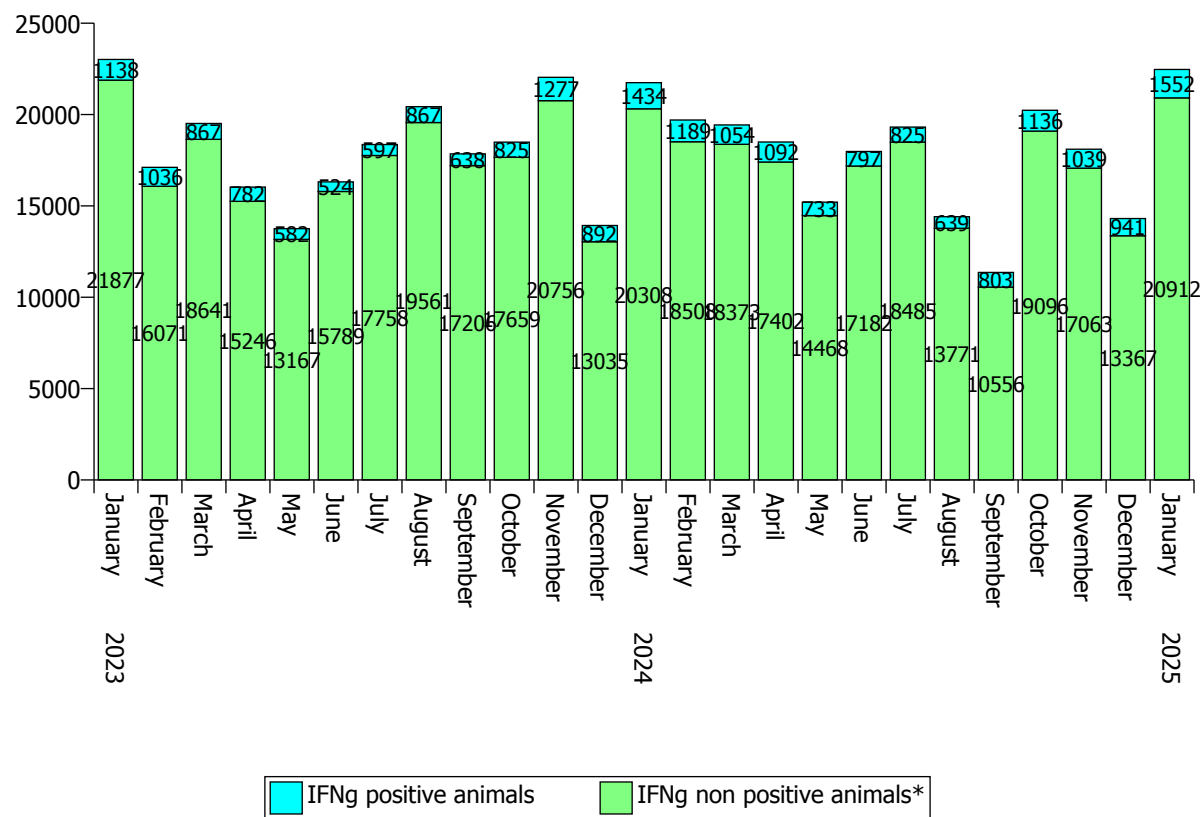


Figure 4b. Number of animals sampled for IFNg and numbers of animals with positive IFNg results.



*Includes all animals with IFNg test negative, resample and reject outcomes

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

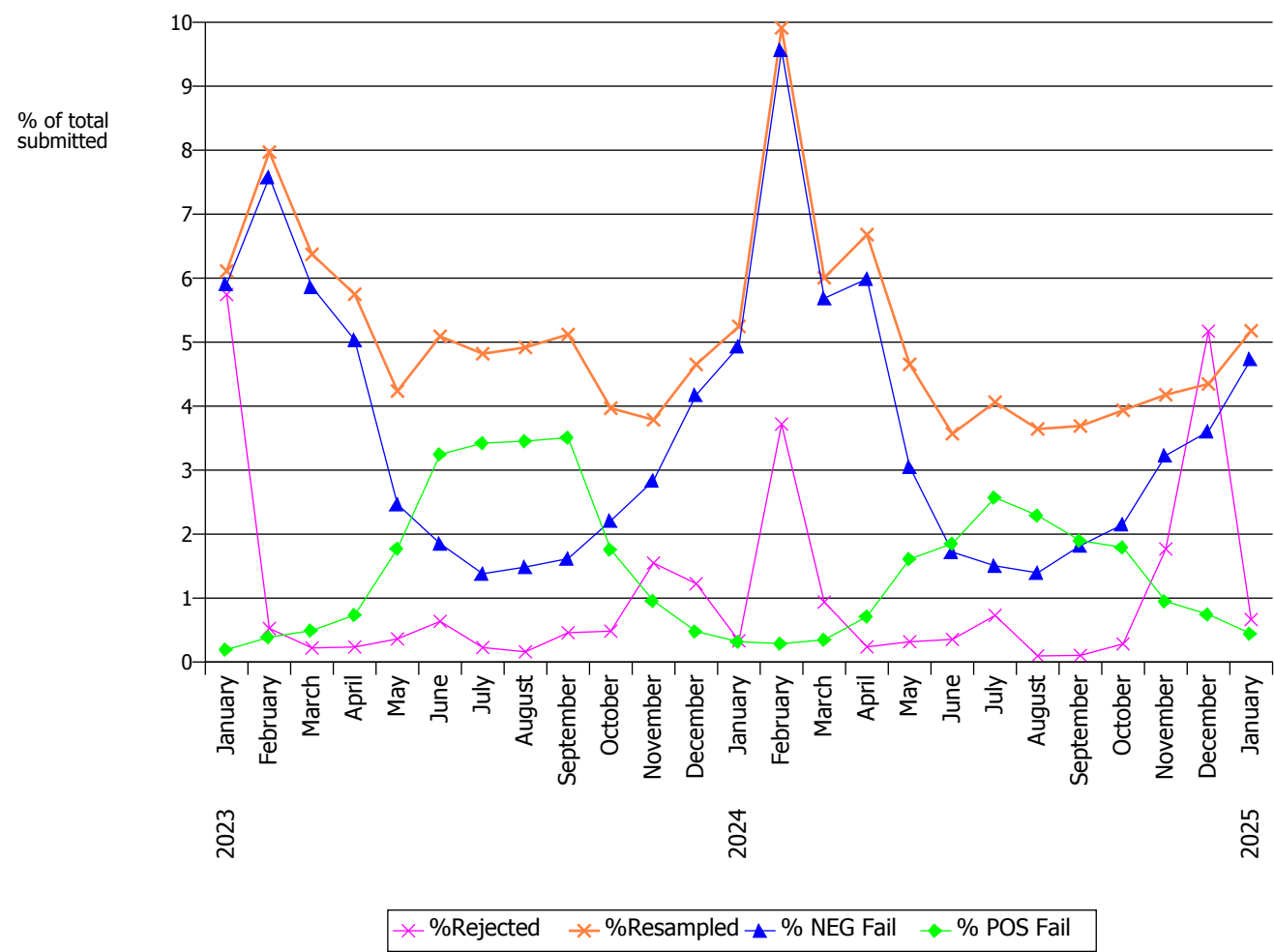
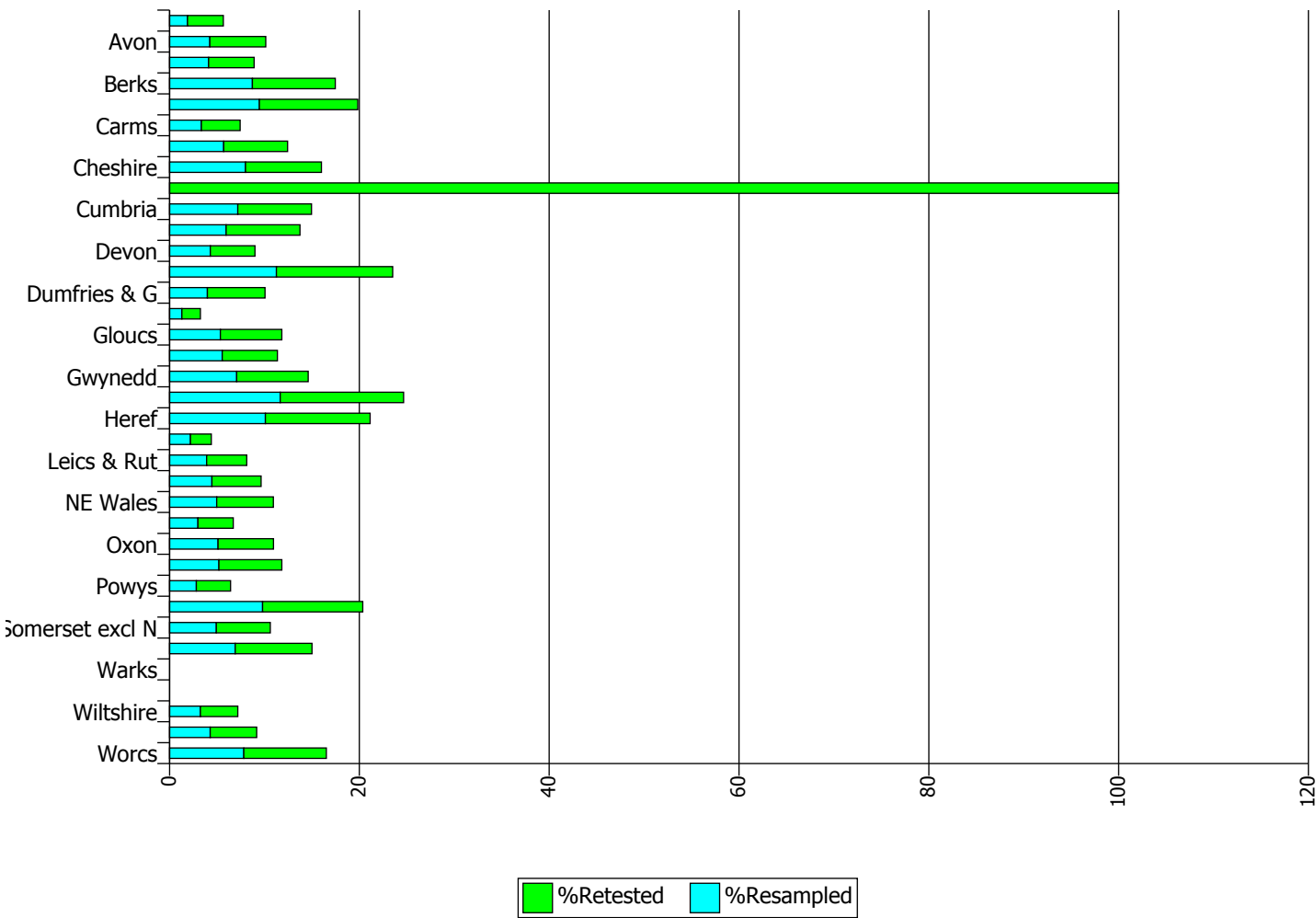


Figure 6. Proportion of samples retested, or requiring a resample, during January 2025 (% submission per County)



County	%Resampled	%Retested
Argyll & Bute	1.89 %	3.77 %
Avon	4.25 %	5.88 %
Beds	4.11 %	4.79 %
Berks	8.73 %	8.73 %
Bucks	9.47 %	10.36 %
Carms	3.35 %	4.09 %
Cheshire	8.00 %	8.00 %
Corn & Scilly		100.00 %
Cumbria	7.18 %	7.77 %
Derbyshire	5.96 %	7.78 %
Devon	4.29 %	4.70 %
Dorset	11.26 %	12.25 %
Dumfries & G	3.98 %	6.07 %
E Sussex	1.30 %	1.95 %
Gloucs	5.35 %	6.48 %
Gwent	5.56 %	5.81 %
Gwynedd	7.08 %	7.52 %
Hampshire	11.66 %	13.00 %
Heref	10.09 %	11.04 %
Herts	2.20 %	2.20 %
Leics & Rut	3.90 %	4.23 %
Lincs	4.46 %	5.18 %
NE Wales	4.96 %	5.98 %
Northants	2.99 %	3.73 %
Oxon	5.11 %	5.84 %
Pembs	5.20 %	6.63 %
Powys	2.82 %	3.61 %
Shropshire	9.80 %	10.55 %
Somerset excl	4.93 %	5.69 %
Staffs	6.91 %	8.10 %
Warks		
W Glamorgan		
Wiltshire	3.25 %	3.94 %
W Midlands	4.29 %	4.90 %

Worcs	7.83 %	8.70 %
-------	--------	--------

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

Country	No. animals	No of IFNg+ animals	% Positive animals	No. samples	No of IFNg+ samples	% Positive samples
England	14848	823	5.5%	15140	823	5.4%
Wales	6952	722	10.4%	7042	726	10.3%
Scotland	665	7	1.1%	686	7	1.0%
GB	22464	1552	6.9%	22868	1556	6.8%

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

Country	No. animals	No of IFNg+ animals	% Positive animals	No. samples	No of IFNg+ samples	% Positive samples
England	11798	687	5.8%	11936	691	5.8%
Wales	9918	747	7.5%	10032	747	7.4%
Scotland	27	0	0.0 %	27		0.0 %
GB	21742	1434	6.6%	21995	1438	6.5%

Table 6b (i): Number of animals and submissions tested in 2025 Up to end of January

Country	No. animals	No of IFNg+ animals	% Positive animals	No. samples	No of IFNg+ samples	% Positive samples
England	14848	823	5.5%	15140	823	5.4%
Wales	6952	722	10.4%	7042	726	10.3%
Scotland	665	7	1.1%	686	7	1.0%
GB	22464	1552	6.9%	22868	1556	6.8%

Table 6b (ii): Number of animals and submissions tested in 2024 Up to end of January

Country	No. animals	No of IFNg+ animals	% Positive animals	No. samples	No of IFNg+ samples	% Positive samples
England	11798	687	5.8%	11936	691	5.8%
Wales	9918	747	7.5%	10032	747	7.4%
Scotland	27	0	0.0 %	27		0.0 %
GB	21742	1434	6.6%	21995	1438	6.5%

Table 7a Number of private samples January 2025

	* Test type	Num Submissions	Num Samples	Num Positives Private	% Positive
Devon	PRV-SE	1	63	16	25.40 %
	Total	1	63	16	25.40 %

Table 7b Number of private samples 2025

	* Test type	Num Submissions	Num Samples	Num Positives Private	% Positive
Devon	PRV-SE	1	63	16	25.40 %
	Total	1	63	16	25.40 %

*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 January 2025

Country	County	Test Reason	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
England	Wiltshire	BOV-OTHER	1	178	9	5.1%
		BOV-P	1	31	1	3.2%
England			2	209	10	4.8%
Wales	Carmarthenshire	BOV-IR-C	8	48	6	12.5%
		BOV-IR-EX	1	1	0	0
	Ceredigion	BOV-IR-C	2	27	13	48.1%
		BOV-IR-EX	1	2	2	100.0%
	North East Wales	BOV-IR-C	5	55	11	20.0%
	Pembrokeshire	BOV-IR-C	14	174	36	20.7%
		BOV-IR-EX	3	18	3	16.7%
	Powys	BOV-IR-C	1	1	0	0
		BOV-IR-EX	1	5	2	40.0%
	South Wales	BOV-IR-C	2	5	2	40.0%
		BOV-OTHER	1	14	0	0
Wales			39	350	75	21.4%
All GB			41	559	85	15.2 %

Table 8b Number of Cattle Antibody Tests 2025

Country	County	Test Reason	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
England	Wiltshire	BOV-OTHER	1	178	9	5.1%
		BOV-P	1	31	1	3.2%
England			2	209	10	4.8%
Wales	Carmarthenshire	BOV-IR-C	8	48	6	12.5%
		BOV-IR-EX	1	1	0	0
	Ceredigion	BOV-IR-C	2	27	13	48.1%
		BOV-IR-EX	1	2	2	100.0%
	North East Wales	BOV-IR-C	5	55	11	20.0%
	Pembrokeshire	BOV-IR-C	14	174	36	20.7%
		BOV-IR-EX	3	18	3	16.7%
	Powys	BOV-IR-C	1	1	0	0
		BOV-IR-EX	1	5	2	40.0%
	South Wales	BOV-IR-C	2	5	2	40.0%
		BOV-OTHER	1	14	0	0
Wales			39	350	75	21.4%
All GB			41	559	85	15.2 %