



Monthly Report: Surveillance Project SB4008 IFNg (TC0651 and TC0751) & Antibody (TC0077) tests for bovine tuberculosis for September 2025

- **“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 ($22\pm 5^{\circ}\text{C}$), 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 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- γ 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- γ .

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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:	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	YES (England only)
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-NEW-IN	Parallel blood IFNG testing to maximise the probability of removing all infected cattle in a new herd breakdown in an of area of low incidence as soon as possible after confirmation of TB.	YES in Area of Low Incidence
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-PERSIS	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.	YES
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:	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 interfering 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:	Voluntary Herd Test (PAR-VOL)	Parallel interferon-gamma (IFNG) blood testing of skin test negative cattle in OTFW breakdown herds that do not qualify for mandatory or APHA discretionary testing, on the keeper's request.	NO (at keeper's request)
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 September 2025

Monthly Totals for September 2025

Country	Number of Samples	% Samples	221 Submissions
England	13534	75.56%	
Wales	4377	24.44%	
Total	17911	100.00%	

Submissions	Number of Samples	% Samples
☐ Parallel	16501	92.13%
PAR-CHR	1560	8.71%
PAR-IR-EX	126	0.70%
PAR-IR-SEV	526	2.94%
PAR-NEW-IN	3111	17.37%
PAR-OTHER	2145	11.98%
PAR-PERSIS	556	3.10%
PAR-RAPID	92	0.51%
PAR-RECUR	8385	46.81%
☐ PAR-VOL	987	5.51%
PAR-VOL	987	5.51%
☐ Serial / Extended	423	2.36%
SER-FLEXI	423	2.36%
Total	17911	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	13534	733	5.42%
Wales	4377	269	6.15%
Total	17911	1002	5.59%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	13534	564	4.17%
Wales	4377	187	4.27%
Total	17911	751	4.19%

Country	Number of Samples	Rejects	Total (% of all Samples)
England	13534	64	0.47%
Wales	4377	46	1.05%
Total	17911	110	0.61%

Year to Date Totals

Country	Number of Samples	% Samples	1,917 Submissions
England	99900	66.28%	
Scotland	5191	3.44%	
Wales	45632	30.28%	
Total	150723	100.00%	

Submissions	Number of Samples	% Samples
☐ Parallel	145866	96.78%
PAR-CHR	6672	4.43%
PAR-CUL-N	29	0.02%
PAR-CUL-P	987	0.65%
PAR-HERD-S	18	0.01%
PAR-IR-EX	369	0.24%
PAR-IR-SEV	2304	1.53%
PAR-NEW-IN	39189	26.00%
PAR-OTHER	10739	7.12%
PAR-PERSIS	24967	16.56%
PAR-RAPID	564	0.37%
PAR-RECUR	60028	39.83%
☐ PAR-VOL	987	0.65%
PAR-VOL	987	0.65%
☐ Serial / Extended	3870	2.57%
SER-FLEXI	3839	2.55%
SER-NSR	31	0.02%
Total	150723	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	99900	5798	5.80%
Scotland	5191	303	5.84%
Wales	45632	2077	4.55%
Total	150723	8178	5.43%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	99900	4658	4.66%
Scotland	5191	212	4.08%
Wales	45632	1647	3.61%
Total	150723	6517	4.32%

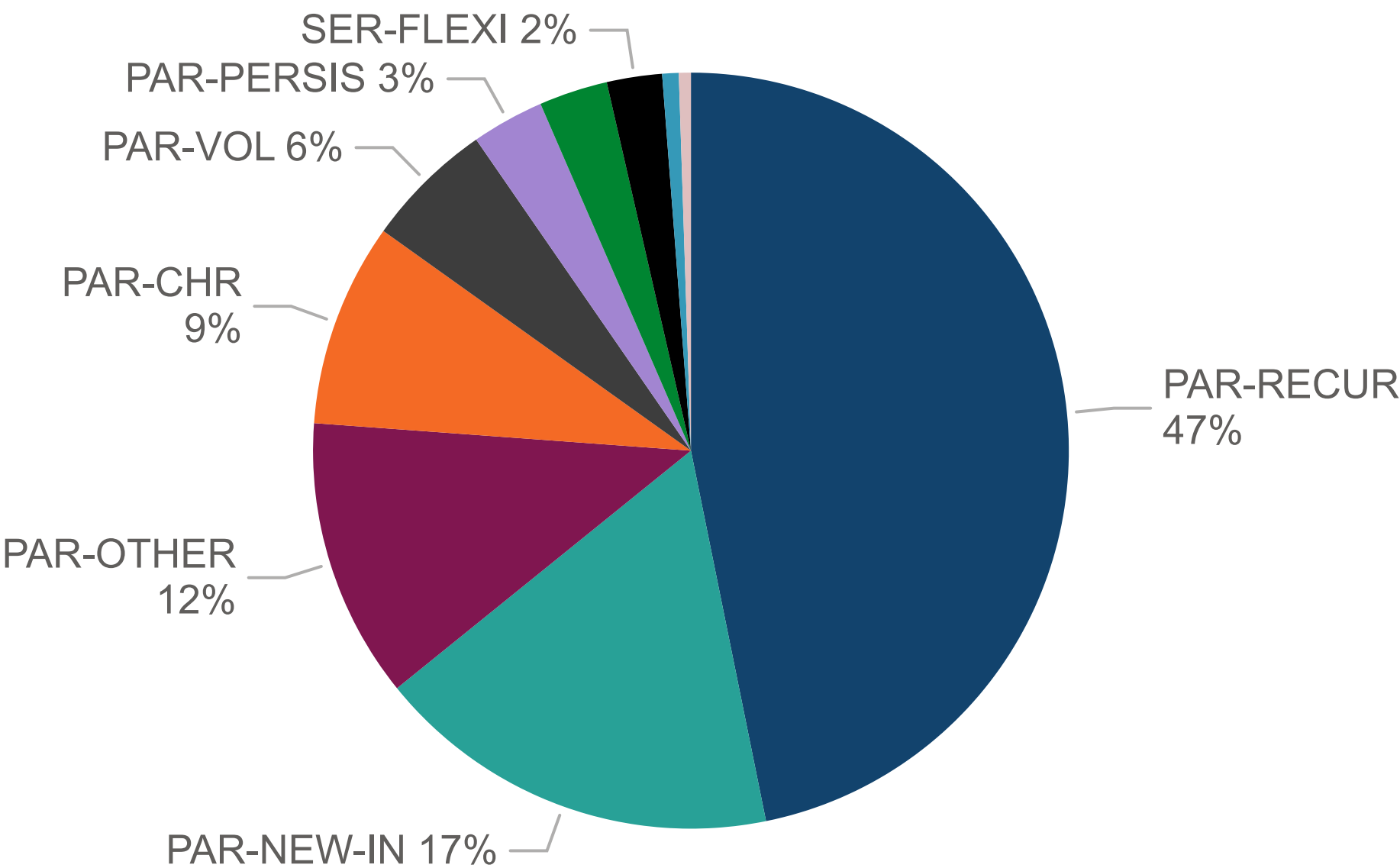
Country	Number of Samples	Rejects	Total (% of all Samples)
England	99900	631	0.63%
Scotland	5191	3	0.06%
Wales	45632	420	0.92%
Total	150723	1054	0.70%



Figure 1. Number of samples submitted in each category September 2025

Submission Reason	Number of Samples	% Samples
PAR-CHR	1560	8.71%
PAR-IR-EX	126	0.70%
PAR-IR-SEV	526	2.94%
PAR-NEW-IN	3111	17.37%
PAR-OTHER	2145	11.98%
PAR-PERSIS	556	3.10%
PAR-RAPID	92	0.51%
PAR-RECUR	8385	46.81%
PAR-VOL	987	5.51%
SER-FLEXI	423	2.36%
Total	17911	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 September 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

Number of Samples by Country from CPH, County and Reason

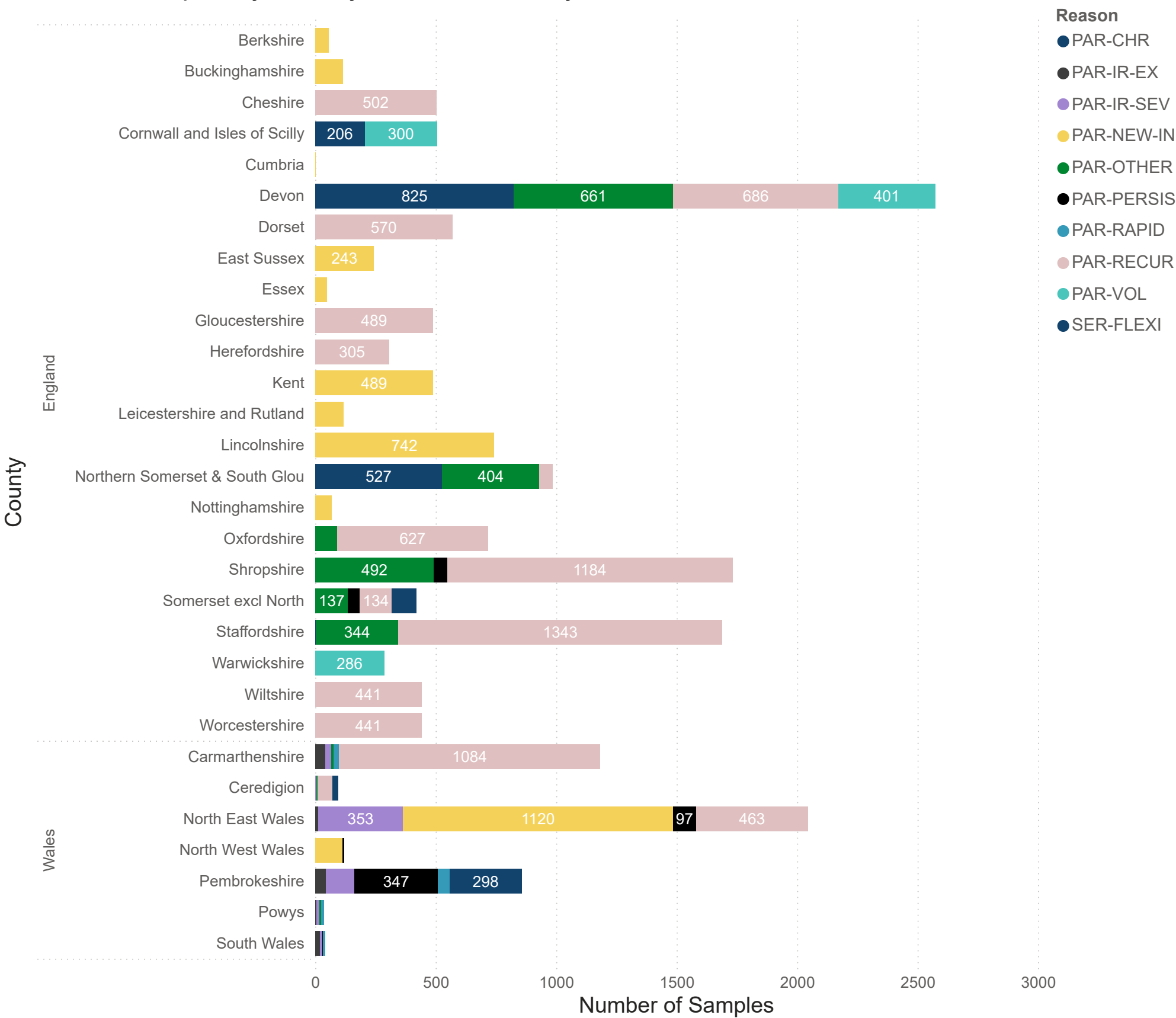


Figure 3. Number of samples submitted in each category by County this year

PAR-HERD-S: potential herd slaughter, PAR-P-CONF (PAR-PERSIS from 1 April 2017): persistent TB breakdown OTFW, PAR-LOW-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

Number of Samples by Country from CPH, County and Reason

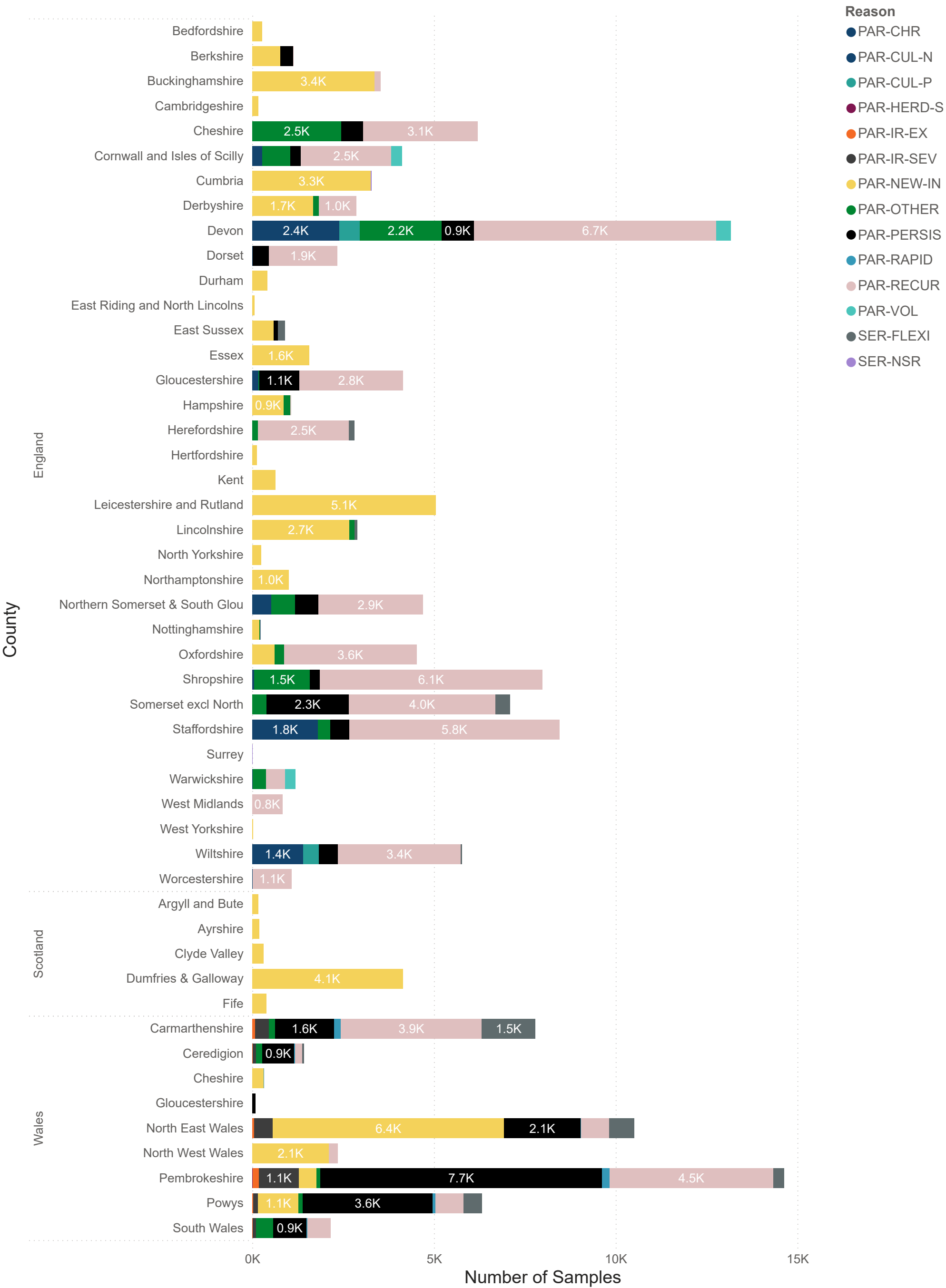


Table 2a. Summary by County September 2025

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England	101	13534	75.56%	637	4.71%	12246	90.48%	733	5.42%	564	4.17%	64	0.47%
England - HRA	64	10152	56.68%	557	5.49%	9157	90.20%	459	4.52%	360	3.55%	63	0.62%
Cornwall and Isles of Scilly	7	506	2.83%	27	5.34%	370	73.12%	61	12.06%	50	9.88%	59	11.66%
PAR-CHR	3	206	1.15%	3	1.46%	109	52.91%	40	19.42%	35	16.99%	59	28.64%
PAR-VOL	4	300	1.67%	24	8.00%	261	87.00%	21	7.00%	15	5.00%		
Devon	14	2573	14.37%	158	6.14%	2349	91.29%	75	2.91%	65	2.53%	1	0.04%
PAR-CHR	5	825	4.61%	95	11.52%	710	86.06%	25	3.03%	20	2.42%		
PAR-OTHER	2	661	3.69%	11	1.66%	638	96.52%	13	1.97%	12	1.82%		
PAR-RECUR	6	686	3.83%	47	6.85%	609	88.78%	32	4.66%	29	4.23%	1	0.15%
PAR-VOL	1	401	2.24%	5	1.25%	392	97.76%	5	1.25%	4	1.00%		
Dorset	3	570	3.18%	95	16.67%	465	81.58%	20	3.51%	10	1.75%		
PAR-RECUR	3	570	3.18%	95	16.67%	465	81.58%	20	3.51%	10	1.75%		
Gloucestershire	4	489	2.73%	18	3.68%	450	92.02%	24	4.91%	21	4.29%		
PAR-RECUR	4	489	2.73%	18	3.68%	450	92.02%	24	4.91%	21	4.29%		
Herefordshire	1	305	1.70%	7	2.30%	292	95.74%	8	2.62%	6	1.97%		
PAR-RECUR	1	305	1.70%	7	2.30%	292	95.74%	8	2.62%	6	1.97%		
Northern Somerset & South Glou	6	986	5.50%	41	4.16%	886	89.86%	65	6.59%	59	5.98%		
PAR-CHR	3	527	2.94%	13	2.47%	492	93.36%	27	5.12%	22	4.17%		
PAR-OTHER	2	404	2.26%	25	6.19%	353	87.38%	26	6.44%	26	6.44%		
PAR-RECUR	1	55	0.31%	3	5.45%	41	74.55%	12	21.82%	11	20.00%		
Shropshire	7	1732	9.67%	89	5.14%	1604	92.61%	53	3.06%	24	1.39%		
PAR-OTHER	1	492	2.75%	15	3.05%	464	94.31%	13	2.64%				
PAR-PERSIS	1	56	0.31%			54	96.43%	2	3.57%	2	3.57%		
PAR-RECUR	5	1184	6.61%	74	6.25%	1086	91.72%	38	3.21%	22	1.86%		
Somerset excl North	8	420	2.34%	41	9.76%	365	86.90%	22	5.24%	14	3.33%		
PAR-OTHER	2	137	0.76%	18	13.14%	115	83.94%	5	3.65%	4	2.92%		
PAR-PERSIS	2	48	0.27%	7	14.58%	39	81.25%	2	4.17%	2	4.17%		
PAR-RECUR	2	134	0.75%	4	2.99%	126	94.03%	8	5.97%	4	2.99%		
SER-FLEXI	2	101	0.56%	12	11.88%	85	84.16%	7	6.93%	4	3.96%		
Staffordshire	9	1689	9.43%	49	2.90%	1552	91.89%	100	5.92%	85	5.03%	3	0.18%
PAR-CHR	1	2	0.01%			1	50.00%	1	50.00%	1	50.00%		
PAR-OTHER	1	344	1.92%	4	1.16%	327	95.06%	17	4.94%	13	3.78%		
PAR-RECUR	7	1343	7.50%	45	3.35%	1224	91.14%	82	6.11%	71	5.29%	3	0.22%
Wiltshire	3	441	2.46%	15	3.40%	415	94.10%	14	3.17%	11	2.49%		
PAR-RECUR	3	441	2.46%	15	3.40%	415	94.10%	14	3.17%	11	2.49%		
Worcestershire	2	441	2.46%	17	3.85%	409	92.74%	17	3.85%	15	3.40%		
PAR-RECUR	2	441	2.46%	17	3.85%	409	92.74%	17	3.85%	15	3.40%		
England - Edge	21	2103	11.74%	66	3.14%	1921	91.35%	143	6.80%	107	5.09%	1	0.05%
Berkshire	1	55	0.31%	1	1.82%	53	96.36%	1	1.82%				
PAR-NEW-IN	1	55	0.31%	1	1.82%	53	96.36%	1	1.82%				
Buckinghamshire	2	115	0.64%	2	1.74%	111	96.52%	3	2.61%	2	1.74%		
PAR-NEW-IN	2	115	0.64%	2	1.74%	111	96.52%	3	2.61%	2	1.74%		
Cheshire	3	502	2.80%	9	1.79%	477	95.02%	27	5.38%	16	3.19%		
PAR-RECUR	3	502	2.80%	9	1.79%	477	95.02%	27	5.38%	16	3.19%		
East Sussex	2	243	1.36%	10	4.12%	217	89.30%	19	7.82%	15	6.17%	1	0.41%
PAR-NEW-IN	2	243	1.36%	10	4.12%	217	89.30%	19	7.82%	15	6.17%	1	0.41%
Leicestershire and Rutland	2	117	0.65%			96	82.05%	27	23.08%	21	17.95%		
PAR-NEW-IN	2	117	0.65%			96	82.05%	27	23.08%	21	17.95%		
Nottinghamshire	1	67	0.37%	1	1.49%	63	94.03%	4	5.97%	3	4.48%		
PAR-NEW-IN	1	67	0.37%	1	1.49%	63	94.03%	4	5.97%	3	4.48%		
Oxfordshire	9	718	4.01%	36	5.01%	632	88.02%	55	7.66%	50	6.96%		
PAR-NEW-IN	1	2	0.01%			2	100.00%						
PAR-OTHER	2	89	0.50%	3	3.37%	84	94.38%	2	2.25%	2	2.25%		
PAR-RECUR	6	627	3.50%	33	5.26%	546	87.08%	53	8.45%	48	7.66%		
Warwickshire	1	286	1.60%	7	2.45%	272	95.10%	7	2.45%				
PAR-VOL	1	286	1.60%	7	2.45%	272	95.10%	7	2.45%				
England - LRA	16	1279	7.14%	14	1.09%	1168	91.32%	131	10.24%	97	7.58%		
Cumbria	1	1	0.01%			1	100.00%						
PAR-NEW-IN	1	1	0.01%			1	100.00%						
Essex	4	47	0.26%			39	82.98%	11	23.40%	8	17.02%		
PAR-NEW-IN	4	47	0.26%			39	82.98%	11	23.40%	8	17.02%		
Kent	5	489	2.73%	3	0.61%	436	89.16%	76	15.54%	50	10.22%		
PAR-NEW-IN	5	489	2.73%	3	0.61%	436	89.16%	76	15.54%	50	10.22%		
Lincolnshire	6	742	4.14%	11	1.48%	692	93.26%	44	5.93%	39	5.26%		
PAR-NEW-IN	6	742	4.14%	11	1.48%	692	93.26%	44	5.93%	39	5.26%		
Wales	120	4377	24.44%	322	7.36%	3798	86.77%	269	6.15%	187	4.27%	46	1.05%
Wales - High TB	82	2193	12.24%	247	11.26%	1837	83.77%	135	6.16%	92	4.20%	2	0.09%
Carmarthenshire	23	1183	6.60%	71	6.00%	1047	88.50%	75	6.34%	49	4.14%	2	0.17%
PAR-IR-EX	3	43	0.24%	13	30.23%	30	69.77%						
PAR-IR-SEV	4	25	0.14%	4	16.00%	21	84.00%						
PAR-OTHER	2	10	0.06%	7	70.00%	3	30.00%						
PAR-RAPID	7	21	0.12%	4	19.05%	14	66.67%	3	14.29%	3	14.29%		
PAR-RECUR	7	1084	6.05%	43	3.97%	979	90.31%	72	6.64%	46	4.24%	2	0.18%
Ceredigion	8	96	0.54%	18	18.75%	62	64.58%	17	17.71%	16	16.67%		
PAR-IR-SEV	1	6	0.03%			5	83.33%	1	16.67%	1	16.67%		
PAR-OTHER	2	3	0.02%	2	66.67%			1	33.33%	1	33.33%		
PAR-RAPID	2	2	0.01%	1	50.00%	1	50.00%						
PAR-RECUR	2	61	0.34%	1	1.64%	48	78.69%	13	21.31%	12	19.67%		
SER-FLEXI	1	24	0.13%	14	58.33%	8	33.33%	2	8.33%	2	8.33%		
Pembrokeshire	37	857	4.78%	143	16.69%	689	80.40%	39	4.55%	25	2.92%		
PAR-IR-EX	5	45	0.25%	26	57.78%	19	42.22%						
PAR-IR-SEV	14	118	0.66%	50	42.37%	67	56.78%	1	0.85%	1	0.85%		
PAR-PERSIS	6	347	1.94%	15	4.32%	319	91.93%	14	4.03%	13	3.75%		
PAR-RAPID	11	49	0.27%	14	28.57%	32	65.31%	3	6.12%	3	6.12%		
SER-FLEXI	1	298	1.66%	38	12.75%	252	84.56%	21	7.05%	8	2.68%		
Powys	5	17	0.09%	6	35.29%	11	64.71%	1	5.88%				
PAR-OTHER	1	5	0.03%	1	20.00%	4	80.00%						
PAR-RAPID	4	12	0.07%	5	41.67%	7	58.33%	1	8.33%				
South Wales	9	40	0.22%	9	22.50%	28	70.00%	3	7.50%	2	5.00%		
PAR-IR-EX	2	21	0.12%	6	28.57%	14	66.67%	1	4.76%				
PAR-IR-SEV	1	10	0.06%	1	10.00%	9	90.00%						
PAR-PERSIS	1	1	0.01%	1	100.00%								
PAR-RAPID	5	8	0.04%	1	12.50%	5	62.50%	2	25.00%	2	25.00%		
Wales - Intermediate TB	27	1410	7.87%	53	3.76%	1296	91.91%	67	4.75%	47	3.33%	5	0.35%
North East Wales	22	1391	7.77%	50	3.59%	1282	92.16%	65	4.67%	45	3.24%	5	0.36%
PAR-IR-EX	4	10	0.06%	1	10.00%	5	50.00%	3	30.00%	1	10.00%	1	10.00%
PAR-IR-SEV	4	13	0.07%	2	15.38%	9	69.23%	2	15.38%	1	7.69%		
PAR-NEW-IN	8	960	5.36%	36	3.75%	885	92.19%	43	4.48%	30	3.13%	3	0.31%
PAR-PERSIS	2	97	0.54%	3	3.09%	91	93.81%	4	4.12%	3	3.09%		
PAR-RECUR	4	311	1.74%	8	2.57%	292	93.89%	13	4.18%	10	3.22%	1	0.32%
Powys	5	19	0.11%	3	15.79%	14	73.68%	2	10.53%	2	10.53%		
PAR-IR-EX	2	5	0.03%			5	100.00%						
PAR-IR-SEV	3	14	0.08%	3	21.43%	9	64.29%	2	14.29%	2	14.29%		
Wales - Low TB	11	774	4.32%	22	2.84%	665	85.92%	67	8.66%	48	6.20%	39	5.04%
North East Wales	9	654	3.65%	17	2.60%	560	85.63%	57	8.72%	38	5.81%	39	5.96%
PAR-IR-EX	2	2	0.01%					2	100.00%	2	100.00%		
PAR-IR-SEV	2	340	1.90%	7	2.06%	283	83.24%	18	5.29%	12	3.53%	38	11.18%
PAR-NEW-IN	3	160	0.89%	6	3.75%	139	86.88%	17	10.63%	14	8.75%	1	0.63%
PAR-RECUR	2	152	0.85%	4	2.63%	138	90.79%	20	13.16%	10	6.58%		
North West Wales	2	120	0.67%	5	4.17%	105	87.50%	10	8.33%	10	8.33%		
PAR-NEW-IN	1	113</											

Table 2b. Summary by County YTD

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England	856	99900	66.28%	4701	4.71%	89887	89.98%	5798	5.80%	4658	4.66%	631	0.63%
England - HRA	486	62505	41.47%	3376	5.40%	56013	89.61%	3601	5.76%	2886	4.62%	215	0.34%
Cornwall and Isles of Scilly	41	4129	2.74%	264	6.39%	3600	87.19%	269	6.51%	201	4.87%	64	1.55%
PAR-CHR	4	253	0.17%	6	2.37%	153	60.47%	40	15.81%	35	13.83%	59	23.32%
PAR-CUL-N	3	27	0.02%	1	3.70%	21	77.78%	9	33.33%	5	18.52%		
PAR-OTHER	5	761	0.50%	70	9.20%	651	85.55%	47	6.18%	40	5.26%		
PAR-PERSIS	2	301	0.20%	12	3.99%	266	88.37%	24	7.97%	21	6.98%	2	0.66%
PAR-RECUR	23	2487	1.65%	151	6.07%	2248	90.39%	128	5.15%	85	3.42%	3	0.12%
PAR-VOL	4	300	0.20%	24	8.00%	261	87.00%	21	7.00%	15	5.00%		
Devon	105	13172	8.74%	796	6.04%	11724	89.01%	745	5.66%	620	4.71%	32	0.24%
PAR-CHR	12	2399	1.59%	180	7.50%	2132	88.87%	92	3.83%	74	3.08%	13	0.54%
PAR-CUL-N	1	2	0.00%			2	100.00%						
PAR-CUL-P	5	562	0.37%	41	7.30%	496	88.26%	34	6.05%	25	4.45%		
PAR-OTHER	16	2247	1.49%	134	5.96%	1940	86.34%	189	8.41%	171	7.61%	2	0.09%
PAR-PERSIS	6	887	0.59%	34	3.83%	834	94.02%	26	2.93%	19	2.14%		
PAR-RECUR	64	6674	4.43%	402	6.02%	5928	88.82%	399	5.98%	327	4.90%	17	0.25%
PAR-VOL	1	401	0.27%	5	1.25%	392	97.76%	5	1.25%	4	1.00%		
Dorset	16	2342	1.55%	264	11.27%	2000	85.40%	115	4.91%	78	3.33%		
PAR-CHR	2	10	0.01%			9	90.00%	1	10.00%	1	10.00%		
PAR-PERSIS	3	453	0.30%	65	14.35%	361	79.69%	32	7.06%	27	5.96%		
PAR-RECUR	11	1879	1.25%	199	10.59%	1630	86.75%	82	4.36%	50	2.66%		
Gloucestershire	27	4148	2.75%	134	3.23%	3787	91.30%	273	6.58%	224	5.40%	3	0.07%
PAR-CHR	2	170	0.11%	1	0.59%	153	90.00%	17	10.00%	16	9.41%		
PAR-OTHER	1	28	0.02%	11	39.29%	17	60.71%						
PAR-PERSIS	3	1103	0.73%	22	1.99%	1009	91.48%	92	8.34%	72	6.53%		
PAR-RECUR	21	2847	1.89%	100	3.51%	2608	91.61%	164	5.76%	136	4.78%	3	0.11%
Herefordshire	30	2804	1.86%	153	5.46%	2504	89.30%	166	5.92%	134	4.78%	13	0.46%
PAR-OTHER	4	168	0.11%	9	5.36%	143	85.12%	23	13.69%	16	9.52%		
PAR-RECUR	24	2491	1.65%	78	3.13%	2285	91.73%	136	5.46%	115	4.62%	13	0.52%
SER-FLEXI	2	145	0.10%	66	45.52%	76	52.41%	7	4.83%	3	2.07%		
Northern Somerset & South Glou	35	4695	3.11%	238	5.07%	4186	89.16%	328	6.99%	271	5.77%		
PAR-CHR	3	527	0.35%	13	2.47%	492	93.36%	27	5.12%	22	4.17%		
PAR-OTHER	6	659	0.44%	34	5.16%	590	89.53%	36	5.46%	35	5.31%		
PAR-PERSIS	4	629	0.42%	32	5.09%	574	91.26%	30	4.77%	23	3.66%		
PAR-RECUR	22	2880	1.91%	159	5.52%	2530	87.85%	235	8.16%	191	6.63%		
Shropshire	62	7987	5.30%	383	4.80%	7228	90.50%	458	5.73%	332	4.16%	29	0.36%
PAR-CHR	4	62	0.04%			52	83.87%	10	16.13%	10	16.13%		
PAR-OTHER	10	1522	1.01%	103	6.77%	1374	90.28%	56	3.68%	32	2.10%		
PAR-PERSIS	7	276	0.18%	12	4.35%	259	93.84%	9	3.26%	5	1.81%		
PAR-RECUR	41	6127	4.07%	268	4.37%	5543	90.47%	383	6.25%	285	4.65%	29	0.47%
Somerset excl North	70	7095	4.71%	382	5.38%	6413	90.39%	303	4.27%	244	3.44%	56	0.79%
PAR-CHR	1	5	0.00%	2	40.00%	1	20.00%	2	40.00%	2	40.00%		
PAR-CUL-P	1	1	0.00%					1	100.00%	1	100.00%		
PAR-OTHER	8	389	0.26%	50	12.85%	327	84.06%	15	3.86%	12	3.08%		
PAR-PERSIS	12	2265	1.50%	141	6.23%	2079	91.79%	57	2.52%	44	1.94%	1	0.04%
PAR-RECUR	37	4039	2.68%	146	3.61%	3660	90.62%	216	5.35%	179	4.43%	54	1.34%
SER-FLEXI	11	396	0.26%	43	10.86%	346	87.37%	12	3.03%	6	1.52%	1	0.25%
Staffordshire	42	8455	5.61%	355	4.20%	7604	89.93%	576	6.81%	485	5.74%	11	0.13%
PAR-CHR	7	1810	1.20%	56	3.09%	1659	91.66%	106	5.86%	93	5.14%	2	0.11%
PAR-OTHER	1	344	0.23%	4	1.16%	327	95.06%	17	4.94%	13	3.78%		
PAR-PERSIS	4	517	0.34%	82	15.86%	398	76.98%	39	7.54%	35	6.77%	2	0.39%
PAR-RECUR	30	5784	3.84%	213	3.68%	5220	90.25%	414	7.16%	344	5.95%	7	0.12%
West Midlands	5	827	0.55%	43	5.20%	741	89.60%	47	5.68%	43	5.20%		
PAR-RECUR	5	827	0.55%	43	5.20%	741	89.60%	47	5.68%	43	5.20%		
Wiltshire	43	5767	3.83%	295	5.12%	5254	91.10%	268	4.65%	213	3.69%	5	0.09%
PAR-CHR	9	1406	0.93%	47	3.34%	1309	93.10%	58	4.13%	48	3.41%	2	0.14%
PAR-CUL-P	1	424	0.28%	22	5.19%	389	91.75%	14	3.30%	13	3.07%		
PAR-PERSIS	6	532	0.35%	39	7.33%	453	85.15%	40	7.52%	37	6.95%	3	0.56%
PAR-RECUR	24	3373	2.24%	174	5.16%	3085	91.46%	155	4.60%	114	3.38%		
SER-FLEXI	3	32	0.02%	13	40.63%	18	56.25%	1	3.13%	1	3.13%		
Worcestershire	10	1084	0.72%	69	6.37%	972	89.67%	53	4.89%	41	3.78%	2	0.18%
PAR-CHR	1	11	0.01%	4	36.36%	7	63.64%						
PAR-RECUR	9	1073	0.71%	65	6.06%	965	89.93%	53	4.94%	41	3.82%	2	0.19%
England - Edge	266	27708	18.38%	1023	3.69%	25072	90.49%	1589	5.73%	1277	4.61%	328	1.18%
Berkshire	13	1131	0.75%	52	4.60%	1028	90.89%	52	4.60%	49	4.33%	1	0.09%
PAR-NEW-IN	10	779	0.52%	29	3.72%	707	90.76%	43	5.52%	41	5.26%	1	0.13%
PAR-PERSIS	2	351	0.23%	23	6.55%	320	91.17%	9	2.56%	8	2.28%		
PAR-RECUR	1	1	0.00%			1	100.00%						
Buckinghamshire	48	3531	2.34%	164	4.64%	2861	81.03%	245	6.94%	197	5.58%	309	8.75%
PAR-NEW-IN	44	3364	2.23%	152	4.52%	2730	81.15%	215	6.39%	173	5.14%	309	9.19%
PAR-RECUR	4	167	0.11%	12	7.19%	131	78.44%	30	17.96%	24	14.37%		
Cheshire	28	6196	4.11%	123	1.99%	5855	94.50%	278	4.49%	215	3.47%	3	0.05%
PAR-OTHER	11	2451	1.63%	40	1.63%	2319	94.61%	123	5.02%	90	3.67%	2	0.08%
PAR-PERSIS	2	601	0.40%	23	3.83%	566	94.18%	17	2.83%	12	2.00%		
PAR-RECUR	15	3144	2.09%	60	1.91%	2970	94.47%	138	4.39%	113	3.59%	1	0.03%
Derbyshire	27	2862	1.90%	72	2.52%	2644	92.38%	174	6.08%	144	5.03%	2	0.07%
PAR-NEW-IN	16	1677	1.11%	44	2.62%	1541	91.89%	111	6.62%	91	5.43%	1	0.06%
PAR-OTHER	3	151	0.10%	11	7.28%	134	88.74%	8	5.30%	6	3.97%		
PAR-RECUR	8	1034	0.69%	17	1.64%	969	93.71%	55	5.32%	47	4.55%	1	0.10%
East Sussex	9	904	0.60%	29	3.21%	847	93.69%	37	4.09%	27	2.99%	1	0.11%
PAR-NEW-IN	6	594	0.39%	22	3.70%	550	92.59%	28	4.71%	21	3.54%	1	0.17%
PAR-PERSIS	1	125	0.08%	2	1.60%	121	96.80%	4	3.20%	2	1.60%		
SER-FLEXI	2	185	0.12%	5	2.70%	176	95.14%	5	2.70%	4	2.16%		
Hampshire	22	1079	0.72%	30	2.78%	967	89.62%	104	9.64%	77	7.14%	5	0.46%
PAR-NEW-IN	17	871	0.58%	27	3.10%	776	89.09%	93	10.68%	67	7.69%	1	0.11%
PAR-OTHER	2	184	0.12%	3	1.63%	171	92.93%	10	5.43%	10	5.43%		
PAR-RECUR	3	24	0.02%			20	83.33%	1	4.17%			4	16.67%
Leicestershire and Rutland	49	5054	3.35%	238	4.71%	4546	89.95%	336	6.65%	266	5.26%	4	0.08%
PAR-NEW-IN	49	5054	3.35%	238	4.71%	4546	89.95%	336	6.65%	266	5.26%	4	0.08%
Northamptonshire	15	1007	0.67%	27	2.68%	927	92.06%	68	6.75%	52	5.16%	1	0.10%
PAR-NEW-IN	15	1007	0.67%	27	2.68%	927	92.06%	68	6.75%	52	5.16%	1	0.10%
Nottinghamshire	6	228	0.15%	15	6.58%	203	89.04%	12	5.26%	10	4.39%		
PAR-NEW-IN	4	200	0.13%	5	2.50%	185	92.50%	12	6.00%	10	5.00%		
PAR-OTHER	1	22	0.01%	10	45.45%	12	54.55%						
SER-NSR	1	6	0.00%			6	100.00%						
Oxfordshire	37	4524	3.00%	218	4.82%	4119	91.05%	211	4.66%	185	4.09%	2	0.04%
PAR-NEW-IN	6	624	0.41%	36	5.77%	569	91.19%	24	3.85%	19	3.04%		
PAR-OTHER	4	251	0.17%	14	5.58%	230	91.63%	7	2.79%	7	2.79%		
PAR-RECUR	27	3649	2.42%	168	4.60%	3320	90.98%	180	4.93%	159	4.36%	2	0.05%
Warwickshire	12	1192	0.79%	55	4.61%	1075	90.18%	72	6.04%	55	4.61%		
PAR-CHR	2	19	0.01%	5	26.32%	12	63.16%	2	10.53%	2	10.53%		
PAR-OTHER	3	370	0.25%	29	7.84%	316	85.41%	31	8.38%	25	6.76%		
PAR-RECUR	6	517	0.34%	14	2.71%	475	91.88%	32	6.19%	28	5.42%		
PAR-VOL	1	286	0.19%	7	2.45%	272	95.10%	7	2.45%				
England - LRA	104	9687	6.43%	302	3.12%	8802	90.86%	608	6.28%	495	5.11%	88	0.91%
Bedfordshire	5	273	0.18%	4	1.47%	241	88.28%	21	7.69%	18	6.59%	10	3.66%
PAR-NEW-IN	5	273	0.18%	4	1.47%	241	88.28%	21	7.69%	18	6.59%	10	3.66%
Cambridgeshire	1</												

Country Totals

Country	No Subs	No Samples	% of Total	No Positive	% Positive	No Negative	% Negative	No Retest	% Retest	No Resample	% Resample	No Rejected	% Rejected
▲													
🇬🇧 England	101	13534		637	4.71%	12246	90.48%	733	5.42%	564	4.17%	64	0.47%
Parallel	93	12446	92.0 %	589	4.73%	11236	90.28%	693	5.57%	541	4.35%	64	0.51%
PAR-VOL	6	987	7.3 %	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
Serial / Extended	2	101	0.7 %	12	11.88%	85	84.16%	7	6.93%	4	3.96%		
🇬🇦 Wales	120	4377		322	7.36%	3798	86.77%	269	6.15%	187	4.27%	46	1.05%
Parallel	118	4055	92.6 %	270	6.66%	3538	87.25%	246	6.07%	177	4.36%	46	1.13%
Serial / Extended	2	322	7.4 %	52	16.15%	260	80.75%	23	7.14%	10	3.11%		
Total	221	17911		959	5.35%	16044	89.58%	1002	5.59%	751	4.19%	110	0.61%

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	211	16501	92.1 %	859	5.21%	14774	89.53%	939	5.69%	718	4.35%	110	0.67%
PAR-VOL	6	987	5.5 %	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
Serial / Extended	4	423	2.4 %	64	15.13%	345	81.56%	30	7.09%	14	3.31%		
Total	221	17911		959	5.35%	16044	89.58%	1002	5.59%	751	4.19%	110	0.61%

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
☐ England	856	99900		4701	4.71%	89887	89.98%	5798	5.80%	4658	4.66%	631	0.63%
Parallel	827	98056	98.2 %	4536	4.63%	88255	90.00%	5732	5.85%	4619	4.71%	630	0.64%
PAR-VOL	6	987	1.0 %	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
Serial / Extended	23	857	0.9 %	129	15.05%	707	82.50%	33	3.85%	20	2.33%	1	0.12%
☐ Scotland	42	5191		172	3.31%	4804	92.54%	303	5.84%	212	4.08%	3	0.06%
Parallel	42	5191	100.0 %	172	3.31%	4804	92.54%	303	5.84%	212	4.08%	3	0.06%
☐ Wales	1019	45632		3304	7.24%	40237	88.18%	2077	4.55%	1647	3.61%	420	0.92%
Parallel	979	42619	93.4 %	2882	6.76%	37870	88.86%	1940	4.55%	1547	3.63%	296	0.69%
Serial / Extended	40	3013	6.6 %	422	14.01%	2367	78.56%	137	4.55%	100	3.32%	124	4.12%
Total	1917	150723		8177	5.43%	134928	89.52%	8178	5.43%	6517	4.32%	1054	0.70%

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	1848	145866	96.8 %	7590	5.20%	130929	89.76%	7975	5.47%	6378	4.37%	929	0.64%
PAR-VOL	6	987	0.7 %	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
Serial / Extended	63	3870	2.6 %	551	14.24%	3074	79.43%	170	4.39%	120	3.10%	125	3.23%
Total	1917	150723		8177	5.43%	134928	89.52%	8178	5.43%	6517	4.32%	1054	0.70%

GB Totals

SUBMISSION_REASON	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
PAR-CHR	12	1560	8.71%	111	7.12%	1312	84.10%	93	5.96%	78	5.00%	59	3.78%
PAR-IR-EX	18	126	0.70%	46	36.51%	73	57.94%	6	4.76%	3	2.38%	1	0.79%
PAR-IR-SEV	29	526	2.94%	67	12.74%	403	76.62%	24	4.56%	17	3.23%	38	7.22%
PAR-NEW-IN	37	3111	17.37%	75	2.41%	2836	91.16%	251	8.07%	188	6.04%	5	0.16%
PAR-OTHER	15	2145	11.98%	86	4.01%	1988	92.68%	77	3.59%	58	2.70%		
PAR-PERSIS	13	556	3.10%	26	4.68%	506	91.01%	26	4.68%	24	4.32%		
PAR-RAPID	29	92	0.51%	25	27.17%	59	64.13%	9	9.78%	8	8.70%		
PAR-RECUR	58	8385	46.81%	423	5.04%	7597	90.60%	453	5.40%	342	4.08%	7	0.08%
PAR-VOL	6	987	5.51%	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
SER-FLEXI	4	423	2.36%	64	15.13%	345	81.56%	30	7.09%	14	3.31%		
Total	221	17911	100.00%	959	5.35%	16044	89.58%	1002	5.59%	751	4.19%	110	0.61%

Country/Risk Totals

Country/Risk	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England - HRA	64	10152	56.68%	557	5.49%	9157	90.20%	459	4.52%	360	3.55%	63	0.62%
PAR-CHR	12	1560	8.71%	111	7.12%	1312	84.10%	93	5.96%	78	5.00%	59	3.78%
PAR-OTHER	8	2038	11.38%	73	3.58%	1897	93.08%	74	3.63%	55	2.70%		
PAR-PERSIS	3	104	0.58%	7	6.73%	93	89.42%	4	3.85%	4	3.85%		
PAR-RECUR	34	5648	31.53%	325	5.75%	5117	90.60%	255	4.51%	200	3.54%	4	0.07%
PAR-VOL	5	701	3.91%	29	4.14%	653	93.15%	26	3.71%	19	2.71%		
SER-FLEXI	2	101	0.56%	12	11.88%	85	84.16%	7	6.93%	4	3.96%		
England - Edge	21	2103	11.74%	66	3.14%	1921	91.35%	143	6.80%	107	5.09%	1	0.05%
PAR-NEW-IN	9	599	3.34%	14	2.34%	542	90.48%	54	9.02%	41	6.84%	1	0.17%
PAR-OTHER	2	89	0.50%	3	3.37%	84	94.38%	2	2.25%	2	2.25%		
PAR-RECUR	9	1129	6.30%	42	3.72%	1023	90.61%	80	7.09%	64	5.67%		
PAR-VOL	1	286	1.60%	7	2.45%	272	95.10%	7	2.45%				
England - LRA	16	1279	7.14%	14	1.09%	1168	91.32%	131	10.24%	97	7.58%		
PAR-NEW-IN	16	1279	7.14%	14	1.09%	1168	91.32%	131	10.24%	97	7.58%		
Wales - High TB	82	2193	12.24%	247	11.26%	1837	83.77%	135	6.16%	92	4.20%	2	0.09%
PAR-IR-EX	10	109	0.61%	45	41.28%	63	57.80%	1	0.92%				
PAR-IR-SEV	20	159	0.89%	55	34.59%	102	64.15%	2	1.26%	2	1.26%		
PAR-OTHER	5	18	0.10%	10	55.56%	7	38.89%	1	5.56%	1	5.56%		
PAR-PERSIS	7	348	1.94%	16	4.60%	319	91.67%	14	4.02%	13	3.74%		
PAR-RAPID	29	92	0.51%	25	27.17%	59	64.13%	9	9.78%	8	8.70%		
PAR-RECUR	9	1145	6.39%	44	3.84%	1027	89.69%	85	7.42%	58	5.07%	2	0.17%
SER-FLEXI	2	322	1.80%	52	16.15%	260	80.75%	23	7.14%	10	3.11%		
Wales - Intermediate TB	27	1410	7.87%	53	3.76%	1296	91.91%	67	4.75%	47	3.33%	5	0.35%
PAR-IR-EX	6	15	0.08%	1	6.67%	10	66.67%	3	20.00%	1	6.67%	1	6.67%
PAR-IR-SEV	7	27	0.15%	5	18.52%	18	66.67%	4	14.81%	3	11.11%		
PAR-NEW-IN	8	960	5.36%	36	3.75%	885	92.19%	43	4.48%	30	3.13%	3	0.31%
PAR-PERSIS	2	97	0.54%	3	3.09%	91	93.81%	4	4.12%	3	3.09%		
PAR-RECUR	4	311	1.74%	8	2.57%	292	93.89%	13	4.18%	10	3.22%	1	0.32%
Wales - Low TB	11	774	4.32%	22	2.84%	665	85.92%	67	8.66%	48	6.20%	39	5.04%
PAR-IR-EX	2	2	0.01%					2	100.00%	2	100.00%		
PAR-IR-SEV	2	340	1.90%	7	2.06%	283	83.24%	18	5.29%	12	3.53%	38	11.18%
PAR-NEW-IN	4	273	1.52%	11	4.03%	241	88.28%	23	8.42%	20	7.33%	1	0.37%
PAR-PERSIS	1	7	0.04%			3	42.86%	4	57.14%	4	57.14%		
PAR-RECUR	2	152	0.85%	4	2.63%	138	90.79%	20	13.16%	10	6.58%		
Total	221	17911	100.00%	959	5.35%	16044	89.58%	1002	5.59%	751	4.19%	110	0.61%

GB Totals

Submission Reason	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
PAR-CHR	47	6672	4.43%	314	4.71%	5979	89.61%	355	5.32%	303	4.54%	76	1.14%
PAR-CUL-N	4	29	0.02%	1	3.45%	23	79.31%	9	31.03%	5	17.24%		
PAR-CUL-P	7	987	0.65%	63	6.38%	885	89.67%	49	4.96%	39	3.95%		
PAR-HERD-S	1	18	0.01%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	79	369	0.24%	143	38.75%	208	56.37%	17	4.61%	13	3.52%	2	0.54%
PAR-IR-SEV	294	2304	1.53%	646	28.04%	1526	66.23%	103	4.47%	78	3.39%	53	2.30%
PAR-NEW-IN	443	39189	26.00%	1398	3.57%	35416	90.37%	2401	6.13%	1906	4.86%	462	1.18%
PAR-OTHER	113	10739	7.12%	669	6.23%	9541	88.84%	629	5.86%	508	4.73%	8	0.07%
PAR-PERSIS	207	24967	16.56%	1365	5.47%	22637	90.67%	1031	4.13%	824	3.30%	141	0.56%
PAR-RAPID	181	564	0.37%	199	35.28%	338	59.93%	20	3.55%	19	3.37%	8	1.42%
PAR-RECUR	472	60028	39.83%	2791	4.65%	54361	90.56%	3358	5.59%	2681	4.47%	179	0.30%
PAR-VOL	6	987	0.65%	36	3.65%	925	93.72%	33	3.34%	19	1.93%		
SER-FLEXI	60	3839	2.55%	551	14.35%	3043	79.27%	170	4.43%	120	3.13%	125	3.26%
SER-NSR	3	31	0.02%			31	100.00%						
Total	1917	150723	100.00%	8177	5.43%	134928	89.52%	8178	5.43%	6517	4.32%	1054	0.70%

Country Totals

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England	856	99900	66.28%	4701	4.71%	89887	89.98%	5798	5.80%	4658	4.66%	631	0.63%
England - HRA	486	62505	41.47%	3376	5.40%	56013	89.61%	3601	5.76%	2886	4.62%	215	0.34%
PAR-CHR	45	6653	4.41%	309	4.64%	5967	89.69%	353	5.31%	301	4.52%	76	1.14%
PAR-CUL-N	4	29	0.02%	1	3.45%	23	79.31%	9	31.03%	5	17.24%		
PAR-CUL-P	7	987	0.65%	63	6.38%	885	89.67%	49	4.96%	39	3.95%		
PAR-OTHER	51	6118	4.06%	415	6.78%	5369	87.76%	383	6.26%	319	5.21%	2	0.03%
PAR-PERSIS	47	6963	4.62%	439	6.30%	6233	89.52%	349	5.01%	283	4.06%	8	0.11%
PAR-RECUR	311	40481	26.86%	1998	4.94%	36443	90.02%	2412	5.96%	1910	4.72%	128	0.32%
PAR-VOL	5	701	0.47%	29	4.14%	653	93.15%	26	3.71%	19	2.71%		
SER-FLEXI	16	573	0.38%	122	21.29%	440	76.79%	20	3.49%	10	1.75%	1	0.17%
England - Edge	266	27708	18.38%	1023	3.69%	25072	90.49%	1589	5.73%	1277	4.61%	328	1.18%
PAR-CHR	2	19	0.01%	5	26.32%	12	63.16%	2	10.53%	2	10.53%		
PAR-NEW-IN	167	14170	9.40%	580	4.09%	12531	88.43%	930	6.56%	740	5.22%	318	2.24%
PAR-OTHER	24	3429	2.28%	107	3.12%	3182	92.80%	179	5.22%	138	4.02%	2	0.06%
PAR-PERSIS	5	1077	0.71%	48	4.46%	1007	93.50%	30	2.79%	22	2.04%		
PAR-RECUR	64	8536	5.66%	271	3.17%	7886	92.39%	436	5.11%	371	4.35%	8	0.09%
PAR-VOL	1	286	0.19%	7	2.45%	272	95.10%	7	2.45%				
SER-FLEXI	2	185	0.12%	5	2.70%	176	95.14%	5	2.70%	4	2.16%		
SER-NSR	1	6	0.00%			6	100.00%						
England - LRA	104	9687	6.43%	302	3.12%	8802	90.86%	608	6.28%	495	5.11%	88	0.91%
PAR-NEW-IN	99	9455	6.27%	299	3.16%	8580	90.75%	598	6.32%	488	5.16%	88	0.93%
PAR-OTHER	1	139	0.09%	1	0.72%	137	98.56%	2	1.44%	1	0.72%		
SER-FLEXI	2	68	0.05%	2	2.94%	60	88.24%	8	11.76%	6	8.82%		
SER-NSR	2	25	0.02%			25	100.00%						
Scotland	42	5191	3.44%	172	3.31%	4804	92.54%	303	5.84%	212	4.08%	3	0.06%
Scotland - Scotland	42	5191	3.44%	172	3.31%	4804	92.54%	303	5.84%	212	4.08%	3	0.06%
PAR-NEW-IN	42	5191	3.44%	172	3.31%	4804	92.54%	303	5.84%	212	4.08%	3	0.06%
Wales	1019	45632	30.28%	3304	7.24%	40237	88.18%	2077	4.55%	1647	3.61%	420	0.92%
Wales - High TB	719	29923	19.85%	2560	8.56%	26045	87.04%	1259	4.21%	999	3.34%	304	1.02%
PAR-HERD-S	1	18	0.01%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	55	300	0.20%	129	43.00%	162	54.00%	9	3.00%	7	2.33%	1	0.33%
PAR-IR-SEV	244	1761	1.17%	574	32.60%	1120	63.60%	77	4.37%	59	3.35%	8	0.45%
PAR-NEW-IN	2	479	0.32%	23	4.80%	450	93.95%	9	1.88%	6	1.25%		
PAR-OTHER	33	988	0.66%	133	13.46%	806	81.58%	59	5.97%	45	4.55%	4	0.40%
PAR-PERSIS	127	14628	9.71%	766	5.24%	13285	90.82%	558	3.81%	453	3.10%	124	0.85%
PAR-RAPID	157	511	0.34%	179	35.03%	305	59.69%	20	3.91%	19	3.72%	8	1.57%
PAR-RECUR	77	9198	6.10%	406	4.41%	8382	91.13%	444	4.83%	354	3.85%	42	0.46%
SER-FLEXI	23	2040	1.35%	349	17.11%	1520	74.51%	80	3.92%	54	2.65%	117	5.74%
Wales - Intermediate	206	10057	6.67%	556	5.53%	9066	90.15%	483	4.80%	369	3.67%	57	0.57%
PAR-IR-EX	20	64	0.04%	12	18.75%	45	70.31%	6	9.38%	4	6.25%	1	1.56%
PAR-IR-SEV	44	191	0.13%	61	31.94%	120	62.83%	8	4.19%	7	3.66%	2	1.05%
PAR-NEW-IN	66	5855	3.88%	210	3.59%	5348	91.34%	313	5.35%	247	4.22%	44	0.75%
PAR-OTHER	4	65	0.04%	13	20.00%	47	72.31%	6	9.23%	5	7.69%		
PAR-PERSIS	27	2292	1.52%	112	4.89%	2109	92.02%	90	3.93%	62	2.71%	9	0.39%
PAR-RAPID	24	53	0.04%	20	37.74%	33	62.26%						
PAR-RECUR	15	1176	0.78%	102	8.67%	1045	88.86%	37	3.15%	28	2.38%	1	0.09%
SER-FLEXI	6	361	0.24%	26	7.20%	319	88.37%	23	6.37%	16	4.43%		
Wales - Low TB	94	5652	3.75%	188	3.33%	5126	90.69%	335	5.93%	279	4.94%	59	1.04%
PAR-IR-EX	4	5	0.00%	2	40.00%	1	20.00%	2	40.00%	2	40.00%		
PAR-IR-SEV	6	352	0.23%	11	3.13%	286	81.25%	18	5.11%	12	3.41%	43	12.22%
PAR-NEW-IN	67	4039	2.68%	114	2.82%	3703	91.68%	248	6.14%	213	5.27%	9	0.22%
PAR-PERSIS	1	7	0.00%			3	42.86%	4	57.14%	4	57.14%		
PAR-RECUR	5	637	0.42%	14	2.20%	605	94.98%	29	4.55%	18	2.83%		
SER-FLEXI	11	612	0.41%	47	7.68%	528	86.27%	34	5.56%	30	4.90%	7	1.14%
Total	1917	150723	100.00%	8177	5.43%	134928	89.52%	8178	5.43%	6517	4.32%	1054	0.70%

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
▲																					
2024	October	243	20535	159	1136		11					35	8		30		1035		19		
2024	November	248	18671	155	1039	1	8					79	7		19		890		35		
2024	December	185	14677	117	942		13					73	5	1	37		798		15		
2025	January	251	22868	167	1556	5	26					61	5		32		1426		1		
2025	February	243	16364	156	1178	1	6					37	10		17		1095		11		
2025	March	202	13525	126	756		8					65	3	3	29		627	4	15		
2025	April	248	22085	151	998		7					159	6	2	25		790		9		
2025	May	211	15568	116	694		8					85	4	1	20	2	567		10		
2025	June	162	12446	97	514		12					22			6	3	452		14		1
2025	July	257	18855	141	1102		129					70		10	19	1	861		12		
2025	August	122	11101	72	420	148	185														
2025	September	221	17911	138	959	579															
Total		2593	204606	1595	11294	734	413					686	48	17	234	6	8541	4	141		1

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	1127	133578	726	6196	316					578	17	5	122	2	4219		127		1
Scotland	52	6526	34	219	8					26	2		12		165		8		
Wales	1414	64502	835	4879	89					82	29	12	100	4	4157	4	6		
Total	2593	204606	1595	11294	413					686	48	17	234	6	8541	4	141		1

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

● Herds with Negatives ● Herds with Positives

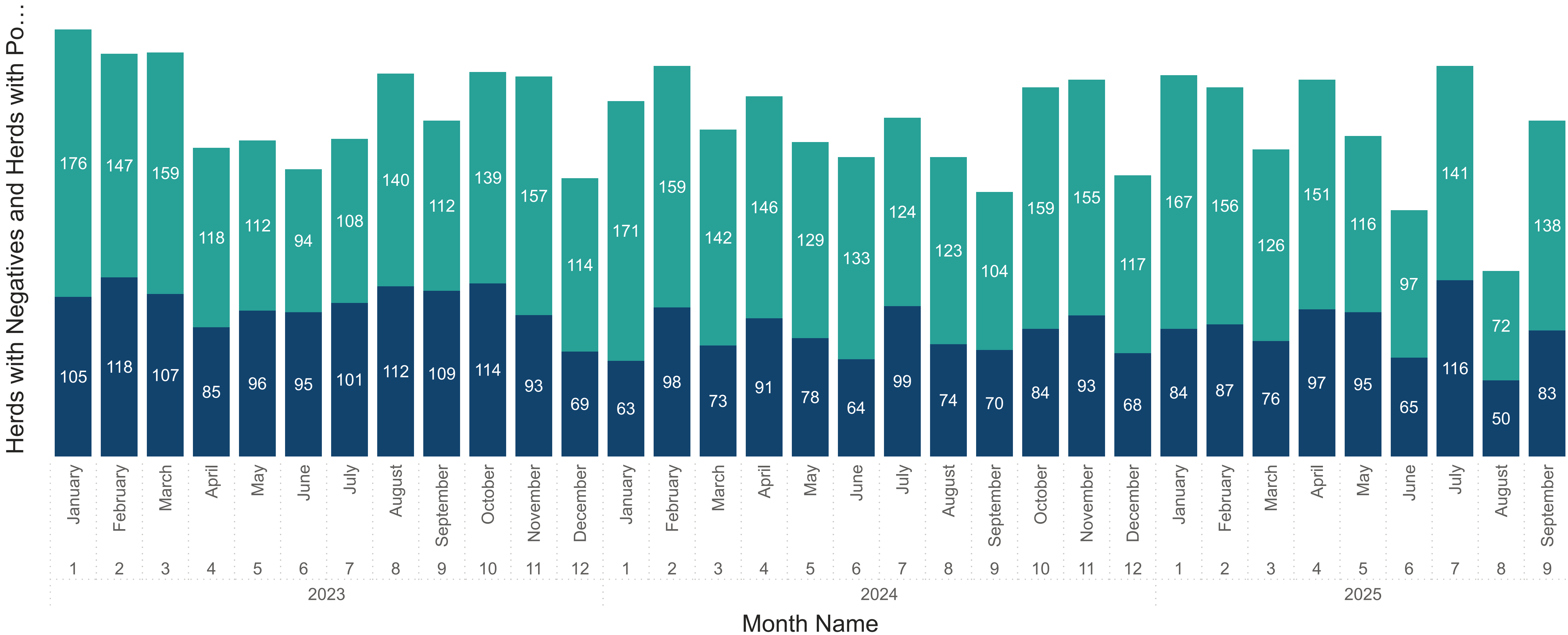
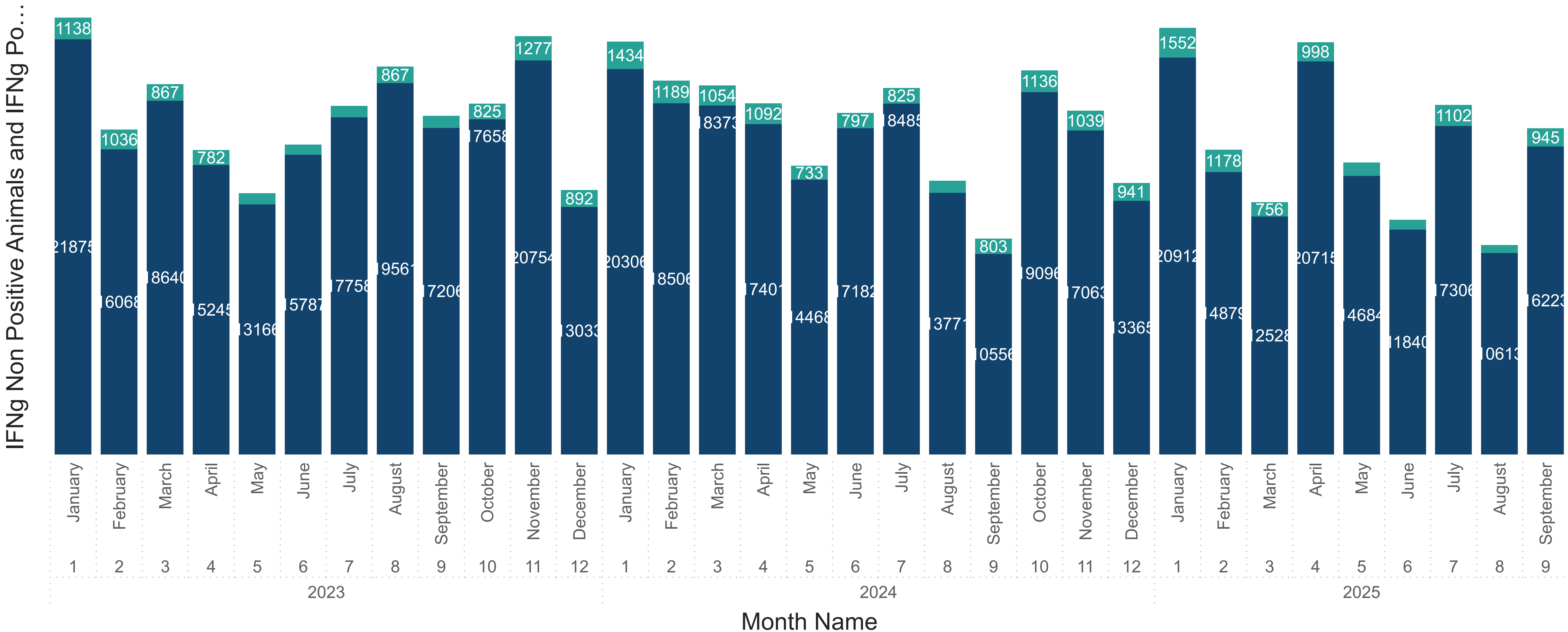




Figure 4b. Number of animals sampled for IFNg and numbers of animals with positive IFNg results.

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

● % Resample ● % Rejected ● % Pos Fail ● % Neg Fail

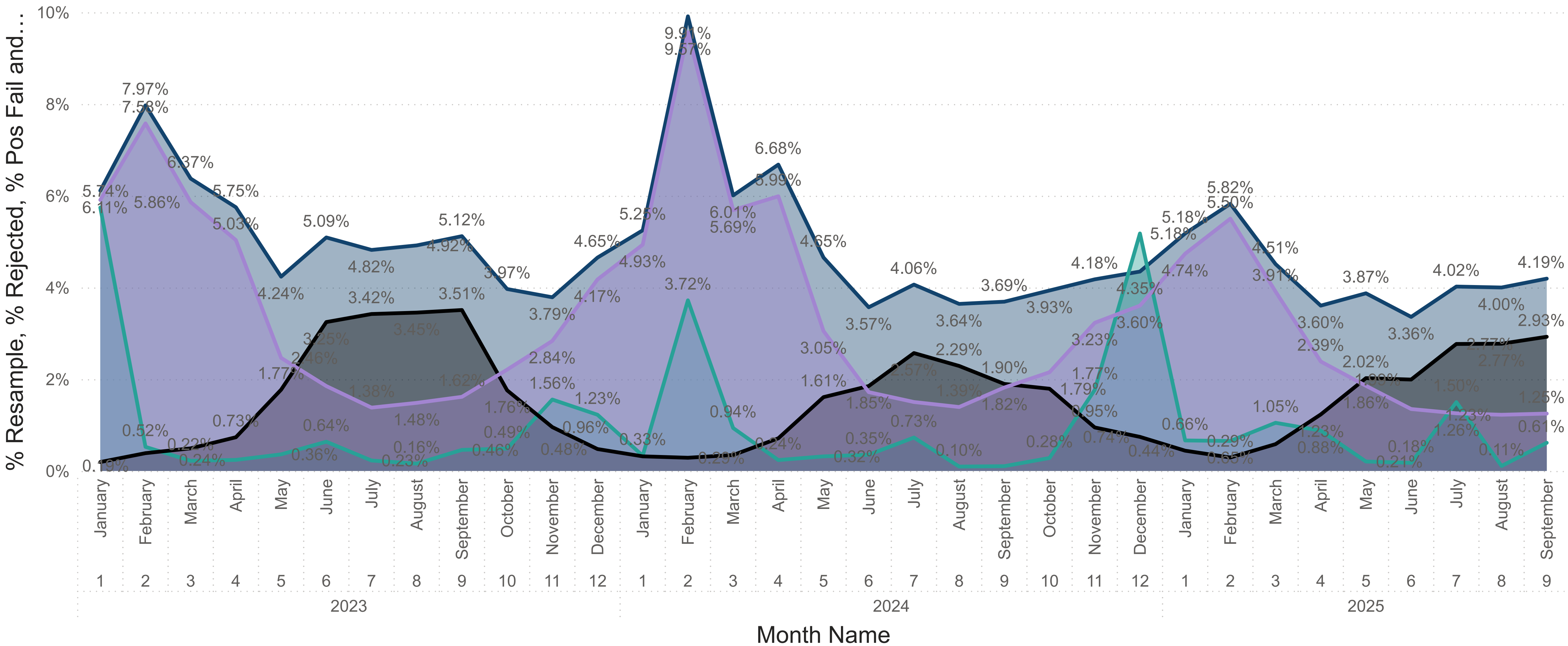
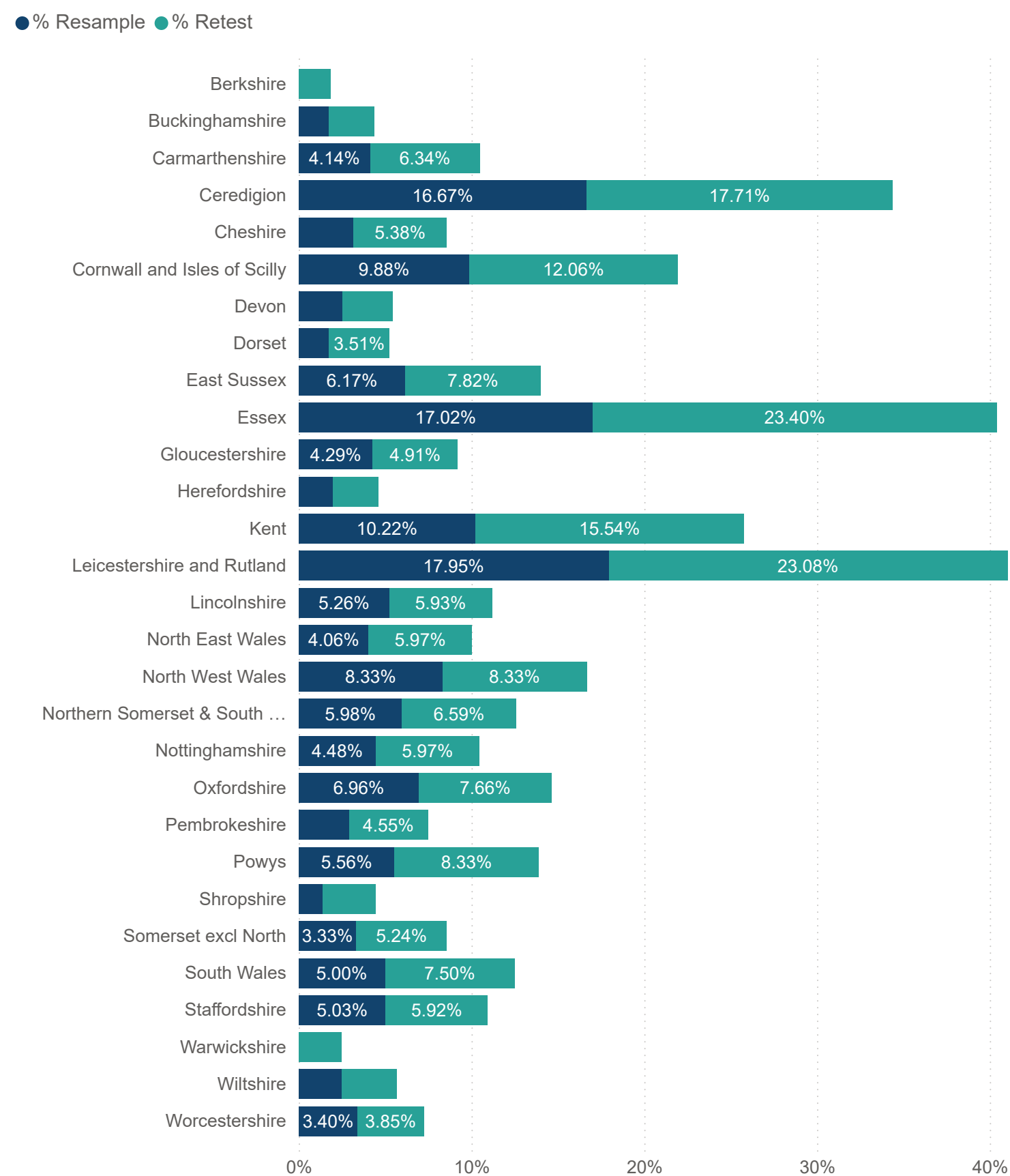


Figure 6. Proportion of samples retested, or requiring a resample September 2025



County Name	% Resample	% Retest
Berkshire		1.82%
Buckinghamshire	1.74%	2.61%
Carmarthenshire	4.14%	6.34%
Ceredigion	16.67%	17.71%
Cheshire	3.19%	5.38%
Cornwall and Isles of Scilly	9.88%	12.06%
Devon	2.53%	2.91%
Dorset	1.75%	3.51%
East Sussex	6.17%	7.82%
Essex	17.02%	23.40%
Gloucestershire	4.29%	4.91%
Herefordshire	1.97%	2.62%
Kent	10.22%	15.54%
Leicestershire and Rutland	17.95%	23.08%
Lincolnshire	5.26%	5.93%
North East Wales	4.06%	5.97%
North West Wales	8.33%	8.33%
Northern Somerset & South Glou	5.98%	6.59%
Nottinghamshire	4.48%	5.97%
Oxfordshire	6.96%	7.66%
Pembrokeshire	2.92%	4.55%
Powys	5.56%	8.33%
Shropshire	1.39%	3.06%
Somerset excl North	3.33%	5.24%
South Wales	5.00%	7.50%
Staffordshire	5.03%	5.92%
Warwickshire		2.45%
Wiltshire	2.49%	3.17%
Worcestershire	3.40%	3.85%
Total	4.19%	5.59%

Table 6. Number of animals and submissions tested

September 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	12867	623	4.8 %	13534	637	4.71%
Wales	4301	322	7.5 %	4377	322	7.36%
Total	17168	945	5.5 %	17911	959	5.35%

September 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	7009	345	4.9 %	7112	345	4.85%
Wales	4350	458	10.5 %	4378	458	10.46%
Total	11359	803	7.1 %	11490	803	6.99%

YTD September 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	91593	4687	5.1 %	99900	4701	4.71%
Scotland	5001	172	3.4 %	5191	172	3.31%
Wales	43724	3300	7.5 %	45632	3304	7.24%
Total	140317	8159	5.8 %	150723	8177	5.43%

YTD September 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	97493	4844	5.0 %	103930	4848	4.66%
Scotland	4971	120	2.4 %	5174	120	2.32%
Wales	48617	3600	7.4 %	51377	3602	7.01%
Total	151078	8564	5.7 %	160481	8570	5.34%

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
Cheshire	PRV-SP	1	1		
Cornwall and Isles of Scilly	PRV-SP	1	1		
Devon	PRV-SP	1	2		
Wiltshire	PRV-SP	1	2		
Total		4	6		

Table 7b Number of private samples (YTD)

County Name	Test Type*	No of Submissions	Number of Samples	Positive	%Positive
Devon	PRV-SE	3	74	18	24.32%
Dorset	PRV-SE	2	19		
Gloucestershire	PRV-SE	3	96	18	18.75%
Wiltshire	PRV-SE	2	18		
Worcestershire	PRV-SE	1	23		
Berkshire	PRV-SP	1	4		
Cheshire	PRV-SP	2	2	1	50.00%
Cornwall and Isles of Scilly	PRV-SP	2	3		
Devon	PRV-SP	2	5		
Dorset	PRV-SP	1	2		
Hampshire	PRV-SP	1	1		
Somerset excl North	PRV-SP	1	2		
Wiltshire	PRV-SP	1	2		
Total		22	251	37	14.74%

*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 September 2025

Country Totals

Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
	35	316	86	27.22%
Carmarthenshire	8	106	24	22.64%
BOV-IR-C	6	65	13	20.00%
BOV-IR-EX	2	41	11	26.83%
Ceredigion	1	6	2	33.33%
BOV-IR-C	1	6	2	33.33%
North East Wales	5	30	2	6.67%
BOV-IR-C	3	22	2	9.09%
BOV-IR-EX	2	8		
North West Wales	1	4		
BOV-IR-C	1	4		
Pembrokeshire	16	143	54	37.76%
BOV-IR-C	12	101	28	27.72%
BOV-IR-EX	4	42	26	61.90%
Powys	2	14	2	14.29%
BOV-IR-C	2	14	2	14.29%
South Wales	2	13	2	15.38%
BOV-IR-C	2	13	2	15.38%
Total	35	316	86	27.22%

Table 8b Number of Cattle Antibody Tests YTD

Country Totals

Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
	269	4187	632	15.09%
Carmarthenshire	41	385	85	22.08%
BOV-IR-C	37	338	73	21.60%
BOV-IR-EX	3	46	12	26.09%
BOV-OTHER	1	1		
Ceredigion	12	232	55	23.71%
BOV-IR-C	8	61	18	29.51%
BOV-IR-EX	3	7	4	57.14%
BOV-OTHER	1	164	33	20.12%
Cheshire	2	420	30	7.14%
BOV-P	2	420	30	7.14%
Cumbria	1	297	13	4.38%
BOV-OTHER	1	297	13	4.38%
Devon	1	65	4	6.15%
BOV-OTHER	1	65	4	6.15%
North East Wales	39	1098	68	6.19%
BOV-IR-C	29	113	25	22.12%
BOV-IR-EX	4	13	3	23.08%
BOV-P	6	972	40	4.12%
North West Wales	1	4		
BOV-IR-C	1	4		
Northern Somerset & South Gloucestershire	1	99	1	1.01%
BOV-OTHER	1	99	1	1.01%
Pembrokeshire	131	1054	308	29.22%
BOV-IR-C	110	915	238	26.01%
BOV-IR-EX	21	139	70	50.36%
Powys	23	363	41	11.29%
BOV-IR-C	21	154	31	20.13%
BOV-OTHER	1	99	3	3.03%
BOV-P	1	110	7	6.36%
South Wales	15	93	20	21.51%
BOV-IR-C	14	91	20	21.98%
BOV-IR-EX	1	2		
Wiltshire	2	77	7	9.09%
BOV-P	2	77	7	9.09%
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	61	586	131	22.35%
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	7	69	20	28.99%
BOV-IR-C	6	66	17	25.76%
BOV-IR-EX	1	3	3	100.00%
Pembrokeshire	27	307	69	22.48%
BOV-IR-C	24	289	66	22.84%
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%
BOV-OTHER	1	56	7	12.50%
South Wales	4	20	2	10.00%
BOV-IR-C	3	6	2	33.33%
BOV-OTHER	1	14		
Total	332	4982	773	15.52%