



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

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

Table 1. Monthly Totals for April 2025

Monthly Totals for April 2025

Country	Number of Samples	% Samples	247 Submissions
England	11226	52.04%	
Scotland	1695	7.86%	
Wales	8651	40.10%	
Total	21572	100.00%	

Submissions	Number of Samples	% Samples
☐ Parallel	21231	98.42%
PAR-CHR	990	4.59%
PAR-IR-EX	40	0.19%
PAR-IR-SEV	204	0.95%
PAR-NEW-IN	7594	35.20%
PAR-OTHER	744	3.45%
PAR-PERSIS	3647	16.91%
PAR-RAPID	54	0.25%
PAR-RECUR	7958	36.89%
☐ Serial / Extended	341	1.58%
SER-FLEXI	341	1.58%
Total	21572	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	11226	650	5.79%
Scotland	1695	73	4.31%
Wales	8651	302	3.49%
Total	21572	1025	4.75%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	11226	436	3.88%
Scotland	1695	23	1.36%
Wales	8651	218	2.52%
Total	21572	677	3.14%

Country	Number of Samples	Rejects	Total (% of all Samples)
England	11226	121	1.08%
Scotland	1695		
Wales	8651	72	0.83%
Total	21572	193	0.89%

Year to Date Totals

Country	Number of Samples	% Samples	943 Submissions
England	45839	61.67%	
Scotland	2690	3.62%	
Wales	25800	34.71%	
Total	74329	100.00%	

Submissions	Number of Samples	% Samples
☐ Parallel	72581	97.65%
PAR-CHR	2451	3.30%
PAR-CUL-N	2	0.00%
PAR-CUL-P	660	0.89%
PAR-HERD-S	18	0.02%
PAR-IR-EX	123	0.17%
PAR-IR-SEV	1036	1.39%
PAR-NEW-IN	23121	31.11%
PAR-OTHER	4166	5.60%
PAR-PERSIS	13307	17.90%
PAR-RAPID	252	0.34%
PAR-RECUR	27445	36.92%
☐ Serial / Extended	1748	2.35%
SER-FLEXI	1737	2.34%
SER-NSR	11	0.01%
Total	74329	100.00%

Country	Number of Samples	Retests	Total (% of all Samples)
England	45839	2849	6.22%
Scotland	2690	140	5.20%
Wales	25800	1271	4.93%
Total	74329	4260	5.73%

Country	Number of Samples	Resamples	Total (% of all Samples)
England	45839	2331	5.09%
Scotland	2690	73	2.71%
Wales	25800	1020	3.95%
Total	74329	3424	4.61%

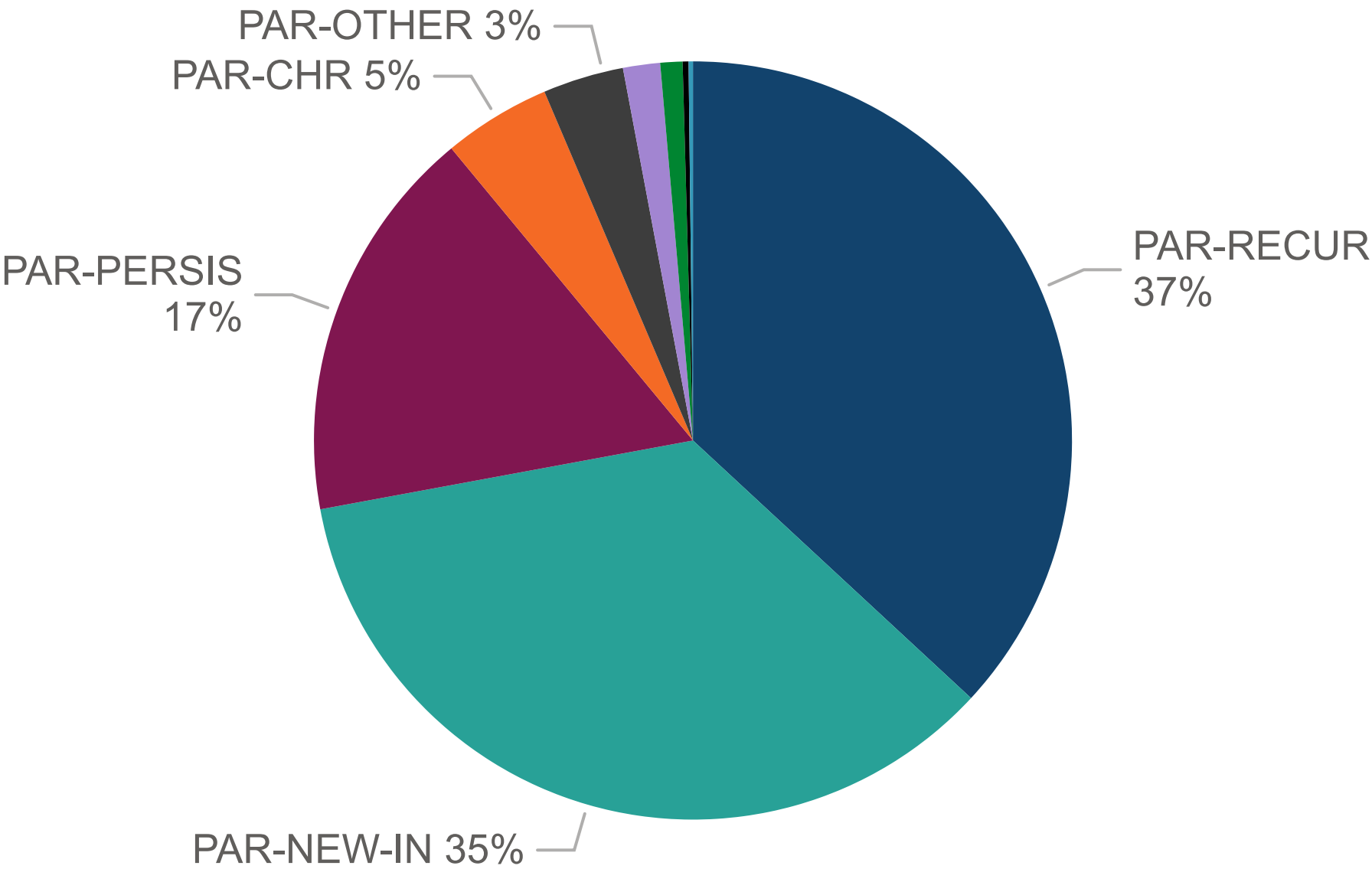
Country	Number of Samples	Rejects	Total (% of all Samples)
England	45839	378	0.82%
Scotland	2690	3	0.11%
Wales	25800	213	0.83%
Total	74329	594	0.80%



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

Submission Reason	Number of Samples	% Samples
PAR-CHR	990	4.59%
PAR-IR-EX	40	0.19%
PAR-IR-SEV	204	0.95%
PAR-NEW-IN	7594	35.20%
PAR-OTHER	744	3.45%
PAR-PERSIS	3647	16.91%
PAR-RAPID	54	0.25%
PAR-RECUR	7958	36.89%
SER-FLEXI	341	1.58%
Total	21572	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 April 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

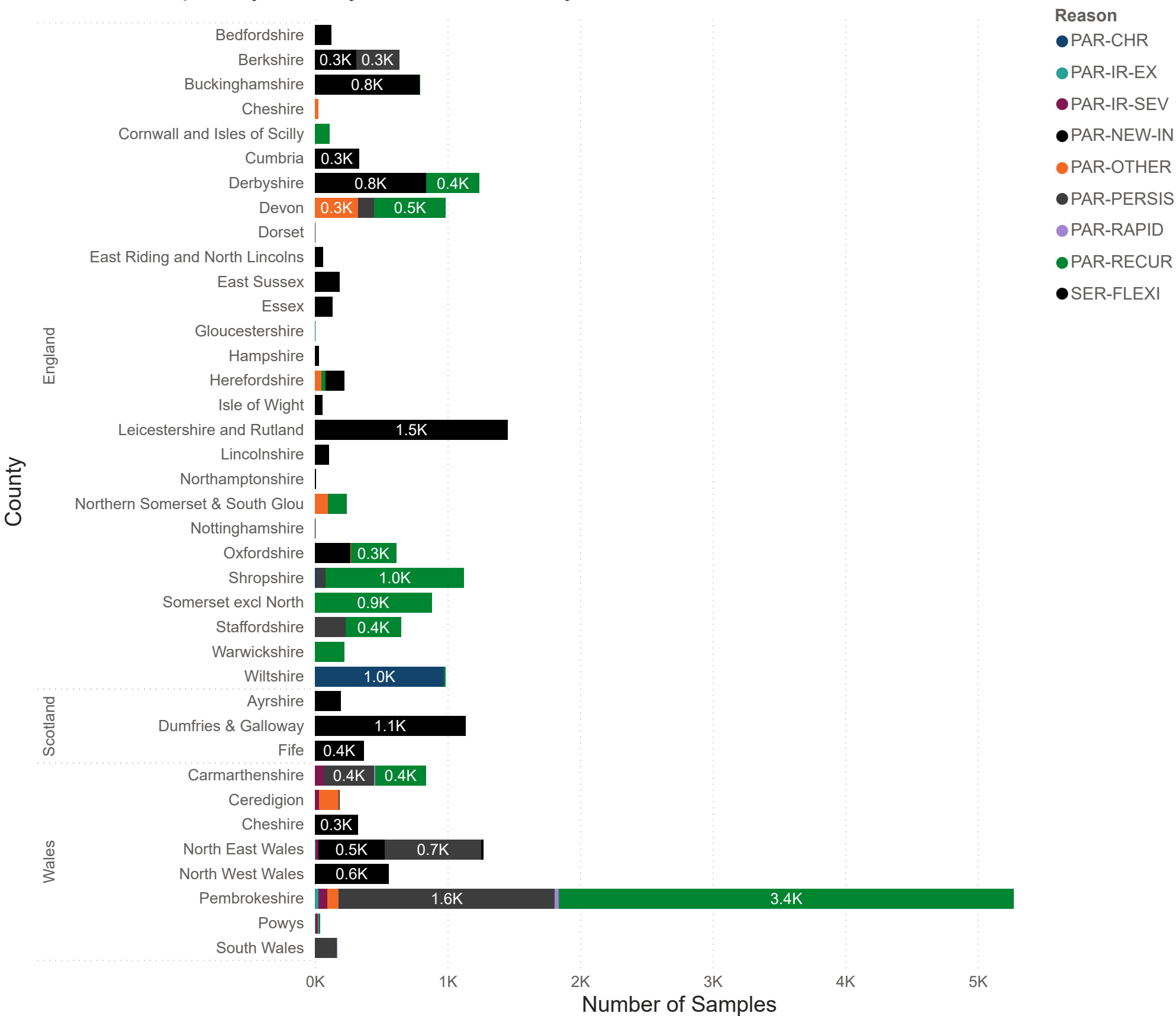


Figure 3. Number of samples submitted in each category by County this year

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

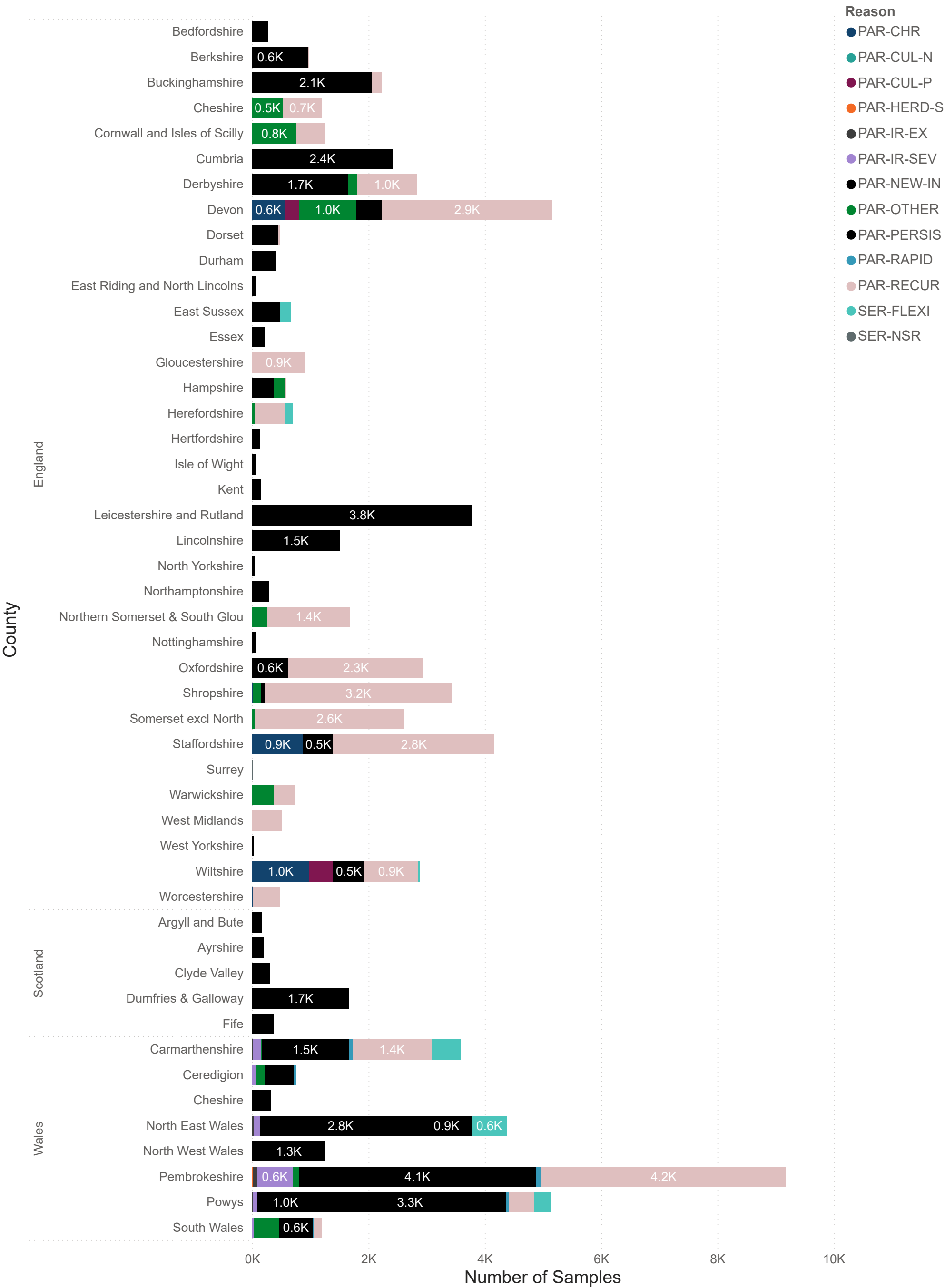


Table 2a. Summary by County April 2025

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England	119	11226	52.04%	620	5.52%	9960	88.72%	650	5.79%	436	3.88%	121	1.08%
England - HRA	50	5209	24.15%	375	7.20%	4525	86.87%	373	7.16%	249	4.78%	12	0.23%
Cornwall and Isles of Scilly	4	108	0.50%	7	6.48%	97	89.81%	6	5.56%	4	3.70%		
PAR-RECUR	4	108	0.50%	7	6.48%	97	89.81%	6	5.56%	4	3.70%		
Devon	11	987	4.58%	79	8.00%	783	79.33%	128	12.97%	106	10.74%	10	1.01%
PAR-OTHER	4	327	1.52%	21	6.42%	234	71.56%	76	23.24%	71	21.71%	1	0.31%
PAR-PERSIS	1	122	0.57%	4	3.28%	110	90.16%	8	6.56%				
PAR-RECUR	6	538	2.49%	54	10.04%	439	81.60%	44	8.18%	35	6.51%	9	1.67%
Dorset	1	3	0.01%	1	33.33%	1	33.33%	1	33.33%	1	33.33%		
PAR-PERSIS	1	3	0.01%	1	33.33%	1	33.33%	1	33.33%	1	33.33%		
Gloucestershire	1	4	0.02%	2	50.00%			2	50.00%	2	50.00%		
PAR-RECUR	1	4	0.02%	2	50.00%			2	50.00%	2	50.00%		
Herefordshire	4	225	1.04%	68	30.22%	146	64.89%	11	4.89%				
PAR-OTHER	1	51	0.24%	4	7.84%	44	86.27%	3	5.88%				
PAR-RECUR	2	32	0.15%	1	3.13%	30	93.75%	1	3.13%				
SER-FLEXI	1	142	0.66%	63	44.37%	72	50.70%	7	4.93%				
Northern Somerset & South Glou	3	238	1.10%	8	3.36%	222	93.28%	8	3.36%	2	0.84%		
PAR-OTHER	1	99	0.46%	1	1.01%	98	98.99%						
PAR-RECUR	2	139	0.64%	7	5.04%	124	89.21%	8	5.76%	2	1.44%		
Shropshire	15	1125	5.22%	48	4.27%	1028	91.38%	82	7.29%	49	4.36%		
PAR-CHR	2	16	0.07%			8	50.00%	8	50.00%	8	50.00%		
PAR-PERSIS	2	65	0.30%	3	4.62%	61	93.85%	2	3.08%	1	1.54%		
PAR-RECUR	11	1044	4.84%	45	4.31%	959	91.86%	72	6.90%	40	3.83%		
Somerset excl North	3	881	4.08%	25	2.84%	839	95.23%	28	3.18%	16	1.82%		
PAR-RECUR	3	881	4.08%	25	2.84%	839	95.23%	28	3.18%	16	1.82%		
Staffordshire	4	652	3.02%	103	15.80%	492	75.46%	69	10.58%	57	8.74%		
PAR-PERSIS	1	233	1.08%	80	34.33%	135	57.94%	20	8.58%	18	7.73%		
PAR-RECUR	3	419	1.94%	23	5.49%	357	85.20%	49	11.69%	39	9.31%		
Wiltshire	4	986	4.57%	34	3.45%	917	93.00%	38	3.85%	12	1.22%	2	0.20%
PAR-CHR	3	974	4.52%	33	3.39%	908	93.22%	35	3.59%	10	1.03%	2	0.21%
PAR-RECUR	1	12	0.06%	1	8.33%	9	75.00%	3	25.00%	2	16.67%		
England - Edge	56	5262	24.39%	212	4.03%	4768	90.61%	221	4.20%	151	2.87%	102	1.94%
Berkshire	4	636	2.95%	41	6.45%	573	90.09%	22	3.46%	21	3.30%	1	0.16%
PAR-NEW-IN	3	311	1.44%	19	6.11%	277	89.07%	15	4.82%	14	4.50%	1	0.32%
PAR-PERSIS	1	325	1.51%	22	6.77%	296	91.08%	7	2.15%	7	2.15%		
Buckinghamshire	11	792	3.67%	54	6.82%	624	78.79%	15	1.89%	10	1.26%	101	12.75%
PAR-NEW-IN	10	789	3.66%	53	6.72%	622	78.83%	15	1.90%	10	1.27%	101	12.80%
PAR-RECUR	1	3	0.01%	1	33.33%	2	66.67%						
Cheshire	2	25	0.12%			20	80.00%	7	28.00%	5	20.00%		
PAR-OTHER	2	25	0.12%			20	80.00%	7	28.00%	5	20.00%		
Derbyshire	8	1241	5.75%	32	2.58%	1163	93.71%	63	5.08%	46	3.71%		
PAR-NEW-IN	5	843	3.91%	30	3.56%	786	93.24%	41	4.86%	27	3.20%		
PAR-RECUR	3	398	1.84%	2	0.50%	377	94.72%	22	5.53%	19	4.77%		
East Sussex	3	186	0.86%	5	2.69%	175	94.09%	6	3.23%	5	2.69%		
PAR-NEW-IN	1	1	0.00%					1	100.00%	1	100.00%		
SER-FLEXI	2	185	0.86%	5	2.70%	175	94.59%	5	2.70%	4	2.16%		
Hampshire	3	31	0.14%	1	3.23%	28	90.32%	2	6.45%	2	6.45%		
PAR-NEW-IN	3	31	0.14%	1	3.23%	28	90.32%	2	6.45%	2	6.45%		
Isle of Wight	1	58	0.27%			54	93.10%	4	6.90%				
PAR-NEW-IN	1	58	0.27%			54	93.10%	4	6.90%				
Leicestershire and Rutland	11	1454	6.74%	47	3.23%	1345	92.50%	75	5.16%	47	3.23%		
PAR-NEW-IN	11	1454	6.74%	47	3.23%	1345	92.50%	75	5.16%	47	3.23%		
Northamptonshire	1	6	0.03%			6	100.00%						
PAR-NEW-IN	1	6	0.03%			6	100.00%						
Nottinghamshire	1	1	0.00%			1	100.00%						
PAR-NEW-IN	1	1	0.00%			1	100.00%						
Oxfordshire	9	612	2.84%	24	3.92%	569	92.97%	23	3.76%	13	2.12%		
PAR-NEW-IN	3	268	1.24%	15	5.60%	247	92.16%	10	3.73%	6	2.24%		
PAR-OTHER	1	4	0.02%	1	25.00%	3	75.00%						
PAR-RECUR	5	340	1.58%	8	2.35%	319	93.82%	13	3.82%	7	2.06%		
Warwickshire	2	220	1.02%	8	3.64%	210	95.45%	4	1.82%	2	0.91%		
PAR-RECUR	2	220	1.02%	8	3.64%	210	95.45%	4	1.82%	2	0.91%		
England - LRA	13	755	3.50%	33	4.37%	667	88.34%	56	7.42%	36	4.77%	7	0.93%
Bedfordshire	3	121	0.56%	2	1.65%	103	85.12%	14	11.57%	10	8.26%	4	3.31%
PAR-NEW-IN	3	121	0.56%	2	1.65%	103	85.12%	14	11.57%	10	8.26%	4	3.31%
Cumbria	2	334	1.55%	20	5.99%	300	89.82%	17	5.09%	14	4.19%		
PAR-NEW-IN	2	334	1.55%	20	5.99%	300	89.82%	17	5.09%	14	4.19%		
East Riding and North Lincolns	1	60	0.28%			56	93.33%	4	6.67%	4	6.67%		
PAR-NEW-IN	1	60	0.28%			56	93.33%	4	6.67%	4	6.67%		
Essex	3	133	0.62%	11	8.27%	106	79.70%	14	10.53%	3	2.26%	3	2.26%
PAR-NEW-IN	3	133	0.62%	11	8.27%	106	79.70%	14	10.53%	3	2.26%	3	2.26%
Lincolnshire	4	107	0.50%			102	95.33%	7	6.54%	5	4.67%		
PAR-NEW-IN	4	107	0.50%			102	95.33%	7	6.54%	5	4.67%		
Scotland	10	1695	7.86%	69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
Scotland - Scotland	10	1695	7.86%	69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
Ayrshire	4	193	0.89%	11	5.70%	182	94.30%	10	5.18%				
PAR-NEW-IN	4	193	0.89%	11	5.70%	182	94.30%	10	5.18%				
Dumfries &	2	1134	5.26%	47	4.14%	1044	92.06%	48	4.23%	17	1.50%		
PAR-NEW-IN	2	1134	5.26%	47	4.14%	1044	92.06%	48	4.23%	17	1.50%		
Fife	4	368	1.71%	11	2.99%	351	95.38%	15	4.08%	6	1.63%		
PAR-NEW-IN	4	368	1.71%	11	2.99%	351	95.38%	15	4.08%	6	1.63%		
Wales	118	8651	40.10%	294	3.40%	8048	93.03%	302	3.49%	218	2.52%	72	0.83%
Wales - High TB	79	6487	30.07%	245	3.78%	6059	93.40%	185	2.85%	131	2.02%	40	0.62%
Carmarthenshire	18	837	3.88%	65	7.77%	746	89.13%	32	3.82%	25	2.99%	1	0.12%
PAR-IR-SEV	9	69	0.32%	16	23.19%	51	73.91%	2	2.90%	2	2.90%		
PAR-OTHER	1	1	0.00%			1	100.00%						
PAR-PERSIS	3	376	1.74%	17	4.52%	349	92.82%	13	3.46%	10	2.66%		
PAR-RAPID	4	10	0.05%	5	50.00%	5	50.00%						
PAR-RECUR	1	381	1.77%	27	7.09%	340	89.24%	17	4.46%	13	3.41%	1	0.26%
Ceredigion	6	189	0.88%	8	4.23%	175	92.59%	5	2.65%			1	0.53%
PAR-IR-EX	1	2	0.01%			2	100.00%						
PAR-IR-SEV	2	29	0.13%	4	13.79%	25	86.21%						
PAR-OTHER	1	150	0.70%	4	2.67%	140	93.33%	5	3.33%			1	0.67%
PAR-PERSIS	2	8	0.04%			8	100.00%						
Pembrokeshire	45	5272	24.44%	158	3.00%	4970	94.27%	139	2.64%	100	1.90%	37	0.70%
PAR-IR-EX	5	28	0.13%	15	53.57%	12	42.86%	1	3.57%	1	3.57%		
PAR-IR-SEV	11	66	0.31%	20	30.30%	44	66.67%	2	3.03%	1	1.52%		
PAR-OTHER	3	87	0.40%	12	13.79%	73	83.91%	3	3.45%	2	2.30%		
PAR-PERSIS	10	1629	7.55%	46	2.82%	1539	94.48%	54	3.31%	30	1.84%	8	0.49%
PAR-RAPID	4	32	0.15%	5	15.63%	26	81.25%	1	3.13%	1	3.13%		
PAR-RECUR	12	3430	15.90%	60	1.75%	3276	95.51%	78	2.27%	65	1.90%	29	0.85%
Powys	7	23	0.11%	8	34.78%	10	43.48%	4	17.39%	4	17.39%	1	4.35%
PAR-IR-EX	1	5	0.02%	3	60.00%	2	40.00%						
PAR-IR-SEV	1	2	0.01%			1	50.00%	1	50.00%	1	50.00%		
PAR-RAPID	3	7	0.03%	5	71.43%	2	28.57%						
PAR-RECUR	2	9	0.04%			5	55.56%	3	33.33%	3	33.33%	1	11.11%
South Wales	3	166	0.77%	6	3.61%	158	95.18%	5	3.01%	2	1.20%		
PAR-IR-SEV	1	3	0.01%	2	66.67%	1	33.33%						
PAR-PERSIS	1	161	0.75%	4	2.48%	155	96.27%	5	3.11%	2	1.24%		
PAR-RAPID	1	2	0.01%			2	100.00%						
Wales - Intermediate TB	20	1181	5.47%	29	2.46%	1083	91.70%	48	4.06%	30	2.54%	32	2.71%
Cheshire	3	323	1.50%	4	1.24%	286	88.54%	6	1.86%	6	1.86%	27	8.36%
PAR-NEW-IN	3	323	1.50%	4	1.24%	286	88.54%	6	1.86%	6	1.86%	27	8.36%
North East Wales	14	842	3.90%	17	2.02%	789	93.71%	42	4.99%	24	2.85%	5	0.59%
PAR-IR-EX	1	2	0.01%			2	100.00%	</					

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	428	45839	61.67%	2485	5.42%	40556	88.47%	2849	6.22%	2331	5.09%	378	0.82%
England - HRA	213	24256	32.63%	1563	6.44%	21167	87.27%	1652	6.81%	1354	5.58%	124	0.51%
Cornwall and Isles of Scilly	13	1257	1.69%	99	7.88%	1095	87.11%	81	6.44%	62	4.93%	1	0.08%
PAR-OTHER	5	761	1.02%	70	9.20%	651	85.55%	47	6.18%	40	5.26%		
PAR-RECUR	8	496	0.67%	29	5.85%	444	89.52%	34	6.85%	22	4.44%	1	0.20%
Devon	50	5156	6.94%	428	8.30%	4400	85.34%	337	6.54%	290	5.62%	29	0.56%
PAR-CHR	3	563	0.76%	37	6.57%	502	89.17%	13	2.31%	11	1.95%	13	2.31%
PAR-CUL-N	1	2	0.00%			2	100.00%						
PAR-CUL-P	3	235	0.32%	15	6.38%	209	88.94%	16	6.81%	11	4.68%		
PAR-OTHER	9	996	1.34%	107	10.74%	794	79.72%	100	10.04%	93	9.34%	2	0.20%
PAR-PERSIS	3	444	0.60%	22	4.95%	407	91.67%	17	3.83%	7	1.58%		
PAR-RECUR	31	2916	3.92%	247	8.47%	2486	85.25%	191	6.55%	168	5.76%	14	0.48%
Dorset	4	476	0.64%	67	14.08%	371	77.94%	43	9.03%	38	7.98%		
PAR-PERSIS	3	453	0.61%	65	14.35%	361	79.69%	32	7.06%	27	5.96%		
PAR-RECUR	1	23	0.03%	2	8.70%	10	43.48%	11	47.83%	11	47.83%		
Gloucestershire	7	908	1.22%	46	5.07%	793	87.33%	82	9.03%	69	7.60%		
PAR-RECUR	7	908	1.22%	46	5.07%	793	87.33%	82	9.03%	69	7.60%		
Herefordshire	12	700	0.94%	85	12.14%	547	78.14%	72	10.29%	56	8.00%	1	0.14%
PAR-OTHER	1	51	0.07%	4	7.84%	44	86.27%	3	5.88%				
PAR-RECUR	10	507	0.68%	18	3.55%	431	85.01%	62	12.23%	56	11.05%	1	0.20%
SER-FLEXI	1	142	0.19%	63	44.37%	72	50.70%	7	4.93%				
Northern Somerset & South Glou	16	1678	2.26%	117	6.97%	1493	88.97%	87	5.18%	62	3.69%		
PAR-OTHER	4	255	0.34%	9	3.53%	237	92.94%	10	3.92%	9	3.53%		
PAR-RECUR	12	1423	1.91%	108	7.59%	1256	88.26%	77	5.41%	53	3.72%		
Shropshire	32	3437	4.62%	167	4.86%	3040	88.45%	256	7.45%	203	5.91%	27	0.79%
PAR-CHR	2	16	0.02%			8	50.00%	8	50.00%	8	50.00%		
PAR-OTHER	4	137	0.18%	12	8.76%	113	82.48%	14	10.22%	12	8.76%		
PAR-PERSIS	2	65	0.09%	3	4.62%	61	93.85%	2	3.08%	1	1.54%		
PAR-RECUR	24	3219	4.33%	152	4.72%	2858	88.79%	232	7.21%	182	5.65%	27	0.84%
Somerset excl North	26	2618	3.52%	105	4.01%	2333	89.11%	148	5.65%	125	4.77%	54	2.06%
PAR-CHR	1	5	0.01%	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	2	35	0.05%	4	11.43%	29	82.86%	2	5.71%	2	5.71%		
PAR-RECUR	22	2577	3.47%	99	3.84%	2303	89.37%	143	5.55%	120	4.66%	54	2.10%
Staffordshire	24	4165	5.60%	220	5.28%	3629	87.13%	360	8.64%	309	7.42%	7	0.17%
PAR-CHR	3	882	1.19%	34	3.85%	772	87.53%	83	9.41%	74	8.39%	2	0.23%
PAR-PERSIS	4	517	0.70%	82	15.86%	398	76.98%	39	7.54%	35	6.77%	2	0.39%
PAR-RECUR	17	2766	3.72%	104	3.76%	2459	88.90%	238	8.60%	200	7.23%	3	0.11%
West Midlands	4	509	0.68%	29	5.70%	452	88.80%	31	6.09%	28	5.50%		
PAR-RECUR	4	509	0.68%	29	5.70%	452	88.80%	31	6.09%	28	5.50%		
Wiltshire	20	2878	3.87%	169	5.87%	2588	89.92%	133	4.62%	95	3.30%	5	0.17%
PAR-CHR	3	974	1.31%	33	3.39%	908	93.22%	35	3.59%	10	1.03%	2	0.21%
PAR-CUL-P	1	424	0.57%	22	5.19%	389	91.75%	14	3.30%	13	3.07%		
PAR-PERSIS	6	532	0.72%	39	7.33%	453	85.15%	40	7.52%	37	6.95%	3	0.56%
PAR-RECUR	7	916	1.23%	62	6.77%	820	89.52%	43	4.69%	34	3.71%		
SER-FLEXI	3	32	0.04%	13	40.63%	18	56.25%	1	3.13%	1	3.13%		
Worcestershire	5	474	0.64%	31	6.54%	426	89.87%	22	4.64%	17	3.59%		
PAR-CHR	1	11	0.01%	4	36.36%	7	63.64%						
PAR-RECUR	4	463	0.62%	27	5.83%	419	90.50%	22	4.75%	17	3.67%		
England - Edge	161	16365	22.02%	722	4.41%	14708	89.87%	899	5.49%	734	4.49%	172	1.05%
Berkshire	10	971	1.31%	49	5.05%	876	90.22%	47	4.84%	45	4.63%	1	0.10%
PAR-NEW-IN	7	619	0.83%	26	4.20%	555	89.66%	38	6.14%	37	5.98%	1	0.16%
PAR-PERSIS	2	351	0.47%	23	6.55%	320	91.17%	9	2.56%	8	2.28%		
PAR-RECUR	1	1	0.00%			1	100.00%						
Buckinghamshire	29	2232	3.00%	131	5.87%	1823	81.68%	139	6.23%	117	5.24%	158	7.08%
PAR-NEW-IN	25	2065	2.78%	119	5.76%	1692	81.94%	109	5.28%	93	4.50%	158	7.65%
PAR-RECUR	4	167	0.22%	12	7.19%	131	78.44%	30	17.96%	24	14.37%		
Cheshire	8	1195	1.61%	36	3.01%	1099	91.97%	73	6.11%	59	4.94%	1	0.08%
PAR-OTHER	3	530	0.71%	11	2.08%	489	92.26%	37	6.98%	29	5.47%	1	0.19%
PAR-RECUR	5	665	0.89%	25	3.76%	610	91.73%	36	5.41%	30	4.51%		
Derbyshire	26	2835	3.81%	72	2.54%	2617	92.31%	174	6.14%	144	5.08%	2	0.07%
PAR-NEW-IN	15	1650	2.22%	44	2.67%	1514	91.76%	111	6.73%	91	5.52%	1	0.06%
PAR-OTHER	3	151	0.20%	11	7.28%	134	88.74%	8	5.30%	6	3.97%		
PAR-RECUR	8	1034	1.39%	17	1.64%	969	93.71%	55	5.32%	47	4.55%	1	0.10%
East Sussex	7	661	0.89%	19	2.87%	629	95.16%	18	2.72%	12	1.82%		
PAR-NEW-IN	4	351	0.47%	12	3.42%	333	94.87%	9	2.56%	6	1.71%		
PAR-PERSIS	1	125	0.17%	2	1.60%	121	96.80%	4	3.20%	2	1.60%		
SER-FLEXI	2	185	0.25%	5	2.70%	175	94.59%	5	2.70%	4	2.16%		
Hampshire	12	589	0.79%	18	3.06%	522	88.62%	51	8.66%	45	7.64%	4	0.68%
PAR-NEW-IN	7	381	0.51%	15	3.94%	331	86.88%	40	10.50%	35	9.19%		
PAR-OTHER	2	184	0.25%	3	1.63%	171	92.93%	10	5.43%	10	5.43%		
PAR-RECUR	3	24	0.03%			20	83.33%	1	4.17%			4	16.67%
Isle of Wight	1	58	0.08%			54	93.10%	4	6.90%				
PAR-NEW-IN	1	58	0.08%			54	93.10%	4	6.90%				
Leicestershire and Rutland	32	3787	5.09%	212	5.60%	3400	89.78%	205	5.41%	156	4.12%	4	0.11%
PAR-NEW-IN	32	3787	5.09%	212	5.60%	3400	89.78%	205	5.41%	156	4.12%	4	0.11%
Northamptonshire	5	285	0.38%	7	2.46%	267	93.68%	12	4.21%	11	3.86%		
PAR-NEW-IN	5	285	0.38%	7	2.46%	267	93.68%	12	4.21%	11	3.86%		
Nottinghamshire	2	59	0.08%	3	5.08%	54	91.53%	2	3.39%	2	3.39%		
PAR-NEW-IN	2	59	0.08%	3	5.08%	54	91.53%	2	3.39%	2	3.39%		
Oxfordshire	21	2947	3.96%	132	4.48%	2704	91.75%	126	4.28%	103	3.50%	2	0.07%
PAR-NEW-IN	5	622	0.84%	36	5.79%	567	91.16%	24	3.86%	19	3.05%		
PAR-OTHER	1	4	0.01%	1	25.00%	3	75.00%						
PAR-RECUR	15	2321	3.12%	95	4.09%	2134	91.94%	102	4.39%	84	3.62%	2	0.09%
Warwickshire	8	746	1.00%	43	5.76%	663	88.87%	48	6.43%	40	5.36%		
PAR-OTHER	3	370	0.50%	29	7.84%	316	85.41%	31	8.38%	25	6.76%		
PAR-RECUR	5	376	0.51%	14	3.72%	347	92.29%	17	4.52%	15	3.99%		
England - LRA	54	5218	7.02%	200	3.83%	4681	89.71%	298	5.71%	243	4.66%	82	1.57%
Bedfordshire	5	273	0.37%	4	1.47%	241	88.28%	21	7.69%	16	5.86%	10	3.66%
PAR-NEW-IN	5	273	0.37%	4	1.47%	241	88.28%	21	7.69%	16	5.86%	10	3.66%
Cumbria	15	2414	3.25%	99	4.10%	2175	90.10%	140	5.80%	125	5.18%	15	0.62%
PAR-NEW-IN	15	2414	3.25%	99	4.10%	2175	90.10%	140	5.80%	125	5.18%	15	0.62%
Durham	3	410	0.55%	7	1.71%	379	92.44%	26	6.34%	24	5.85%		
PAR-NEW-IN	3	410	0.55%	7	1.71%	379	92.44%	26	6.34%	24	5.85%		
East Riding and North Lincolns	1	60	0.08%			56	93.33%	4	6.67%	4	6.67%		
PAR-NEW-IN	1	60	0.08%			56	93.33%	4	6.67%	4	6.67%		
Essex	4	205	0.28%	12	5.85%	126	61.46%	15	7.32%	4	1.95%	53	25.85%
PAR-NEW-IN	4	205	0.28%	12	5.85%	126	61.46%	15	7.32%	4	1.95%	53	25.85%
Hertfordshire	4	129	0.17%	7	5.43%	115	89.15%	5	3.88%	5	3.88%	2	1.55%
PAR-NEW-IN	4	129	0.17%	7	5.43%	115	89.15%	5	3.88%	5	3.88%	2	1.55%
Kent	2	150	0.20%	11	7.33%	132	88.00%	7	4.67%	7	4.67%		
PAR-NEW-IN	2	150	0.20%	11	7.33%	132	88.00%	7	4.67%	7	4.67%		
Lincolnshire	16	1503	2.02%	57	3.79%	1391	92.55%	75	4.99%	55	3.66%		
PAR-NEW-IN	16	1503	2.02%	57	3.79%	1391	92.55%	75	4.99%	55	3.66%		
North Yorkshire	1	38	0.05%	3	7.89%	33	86.84%					2	5.26%
PAR-NEW-IN	1	38	0.05%	3	7.89%	33	86.84%					2	5.26%
Surrey	1	11	0.01%			11	100.00%						
SER-NSR	1	11	0.01%			11	100.00%						
West Yorkshire	2	25	0.03%			22	88.00%	5	20.00%	3	12.00%		
PAR-NEW-IN	2	25	0.03%			22	88.00%	5	20.00%	3			

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	119	11226		620	5.52%	9960	88.72%	650	5.79%	436	3.88%	121	1.08%
Parallel	116	10899	97.1 %	552	5.06%	9713	89.12%	638	5.85%	432	3.96%	121	1.11%
Serial / Extended	3	327	2.9 %	68	20.80%	247	75.54%	12	3.67%	4	1.22%		
🇪🇸 Scotland	10	1695		69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
Parallel	10	1695	100.0 %	69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
🇬🇧 Wales	118	8651		294	3.40%	8048	93.03%	302	3.49%	218	2.52%	72	0.83%
Parallel	116	8637	99.8 %	293	3.39%	8038	93.06%	297	3.44%	215	2.49%	72	0.83%
Serial / Extended	2	14	0.2 %	1	7.14%	10	71.43%	5	35.71%	3	21.43%		
Total	247	21572		983	4.56%	19585	90.79%	1025	4.75%	677	3.14%	193	0.89%

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	242	21231	98.4 %	914	4.31%	19328	91.04%	1008	4.75%	670	3.16%	193	0.91%
Serial / Extended	5	341	1.6 %	69	20.23%	257	75.37%	17	4.99%	7	2.05%		
Total	247	21572		983	4.56%	19585	90.79%	1025	4.75%	677	3.14%	193	0.89%

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	428	45839		2485	5.42%	40556	88.47%	2849	6.22%	2331	5.09%	378	0.82%
Parallel	421	45469	99.2 %	2404	5.29%	40280	88.59%	2836	6.24%	2326	5.12%	378	0.83%
Serial / Extended	7	370	0.8 %	81	21.89%	276	74.59%	13	3.51%	5	1.35%		
☐ Scotland	22	2690		77	2.86%	2511	93.35%	140	5.20%	73	2.71%	3	0.11%
Parallel	22	2690	100.0 %	77	2.86%	2511	93.35%	140	5.20%	73	2.71%	3	0.11%
☐ Wales	493	25800		1911	7.41%	22637	87.74%	1271	4.93%	1020	3.95%	213	0.83%
Parallel	471	24422	94.7 %	1730	7.08%	21506	88.06%	1196	4.90%	962	3.94%	205	0.84%
Serial / Extended	22	1378	5.3 %	181	13.13%	1131	82.08%	75	5.44%	58	4.21%	8	0.58%
Total	943	74329		4473	6.02%	65704	88.40%	4260	5.73%	3424	4.61%	594	0.80%

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	914	72581	97.6 %	4211	5.80%	64297	88.59%	4172	5.75%	3361	4.63%	586	0.81%
Serial / Extended	29	1748	2.4 %	262	14.99%	1407	80.49%	88	5.03%	63	3.60%	8	0.46%
Total	943	74329		4473	6.02%	65704	88.40%	4260	5.73%	3424	4.61%	594	0.80%

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

GB Totals

SUBMISSION_REASON	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
PAR-CHR	5	990	4.59%	33	3.33%	916	92.53%	43	4.34%	18	1.82%	2	0.20%
PAR-IR-EX	10	40	0.19%	21	52.50%	18	45.00%	1	2.50%	1	2.50%		
PAR-IR-SEV	30	204	0.95%	56	27.45%	143	70.10%	5	2.45%	4	1.96%		
PAR-NEW-IN	84	7594	35.20%	292	3.85%	6870	90.47%	374	4.92%	236	3.11%	136	1.79%
PAR-OTHER	14	744	3.45%	43	5.78%	613	82.39%	94	12.63%	78	10.48%	2	0.27%
PAR-PERSIS	25	3647	16.91%	183	5.02%	3347	91.77%	140	3.84%	83	2.28%	13	0.36%
PAR-RAPID	15	54	0.25%	15	27.78%	38	70.37%	1	1.85%	1	1.85%		
PAR-RECUR	59	7958	36.89%	271	3.41%	7383	92.77%	350	4.40%	249	3.13%	40	0.50%
SER-FLEXI	5	341	1.58%	69	20.23%	257	75.37%	17	4.99%	7	2.05%		
Total	247	21572	100.00%	983	4.56%	19585	90.79%	1025	4.75%	677	3.14%	193	0.89%

Country/Risk Totals

Country/Risk	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England - HRA	50	5209	24.15%	375	7.20%	4525	86.87%	373	7.16%	249	4.78%	12	0.23%
PAR-CHR	5	990	4.59%	33	3.33%	916	92.53%	43	4.34%	18	1.82%	2	0.20%
PAR-OTHER	6	477	2.21%	26	5.45%	376	78.83%	79	16.56%	71	14.88%	1	0.21%
PAR-PERSIS	5	423	1.96%	88	20.80%	307	72.58%	31	7.33%	20	4.73%		
PAR-RECUR	33	3177	14.73%	165	5.19%	2854	89.83%	213	6.70%	140	4.41%	9	0.28%
SER-FLEXI	1	142	0.66%	63	44.37%	72	50.70%	7	4.93%				
England - Edge	56	5262	24.39%	212	4.03%	4768	90.61%	221	4.20%	151	2.87%	102	1.94%
PAR-NEW-IN	39	3762	17.44%	165	4.39%	3366	89.47%	163	4.33%	107	2.84%	102	2.71%
PAR-OTHER	3	29	0.13%	1	3.45%	23	79.31%	7	24.14%	5	17.24%		
PAR-PERSIS	1	325	1.51%	22	6.77%	296	91.08%	7	2.15%	7	2.15%		
PAR-RECUR	11	961	4.45%	19	1.98%	908	94.48%	39	4.06%	28	2.91%		
SER-FLEXI	2	185	0.86%	5	2.70%	175	94.59%	5	2.70%	4	2.16%		
England - LRA	13	755	3.50%	33	4.37%	667	88.34%	56	7.42%	36	4.77%	7	0.93%
PAR-NEW-IN	13	755	3.50%	33	4.37%	667	88.34%	56	7.42%	36	4.77%	7	0.93%
Scotland - Scotland	10	1695	7.86%	69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
PAR-NEW-IN	10	1695	7.86%	69	4.07%	1577	93.04%	73	4.31%	23	1.36%		
Wales - High TB	79	6487	30.07%	245	3.78%	6059	93.40%	185	2.85%	131	2.02%	40	0.62%
PAR-IR-EX	7	35	0.16%	18	51.43%	16	45.71%	1	2.86%	1	2.86%		
PAR-IR-SEV	24	169	0.78%	42	24.85%	122	72.19%	5	2.96%	4	2.37%		
PAR-OTHER	5	238	1.10%	16	6.72%	214	89.92%	8	3.36%	2	0.84%	1	0.42%
PAR-PERSIS	16	2174	10.08%	67	3.08%	2051	94.34%	72	3.31%	42	1.93%	8	0.37%
PAR-RAPID	12	51	0.24%	15	29.41%	35	68.63%	1	1.96%	1	1.96%		
PAR-RECUR	15	3820	17.71%	87	2.28%	3621	94.79%	98	2.57%	81	2.12%	31	0.81%
Wales - Intermediate TB	20	1181	5.47%	29	2.46%	1083	91.70%	48	4.06%	30	2.54%	32	2.71%
PAR-IR-EX	2	4	0.02%	2	50.00%	2	50.00%						
PAR-IR-SEV	6	35	0.16%	14	40.00%	21	60.00%						
PAR-NEW-IN	6	414	1.92%	7	1.69%	364	87.92%	18	4.35%	16	3.86%	27	6.52%
PAR-PERSIS	3	725	3.36%	6	0.83%	693	95.59%	30	4.14%	14	1.93%	5	0.69%
PAR-RAPID	3	3	0.01%			3	100.00%						
Wales - Low TB	19	983	4.56%	20	2.03%	906	92.17%	69	7.02%	57	5.80%		
PAR-IR-EX	1	1	0.00%	1	100.00%								
PAR-NEW-IN	16	968	4.49%	18	1.86%	896	92.56%	64	6.61%	54	5.58%		
SER-FLEXI	2	14	0.06%	1	7.14%	10	71.43%	5	35.71%	3	21.43%		
Total	247	21572	100.00%	983	4.56%	19585	90.79%	1025	4.75%	677	3.14%	193	0.89%

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

GB Totals

Submission Reason	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
PAR-CHR	13	2451	3.30%	110	4.49%	2198	89.68%	141	5.75%	105	4.28%	17	0.69%
PAR-CUL-N	1	2	0.00%			2	100.00%						
PAR-CUL-P	5	660	0.89%	37	5.61%	598	90.61%	31	4.70%	25	3.79%		
PAR-HERD-S	1	18	0.02%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	30	123	0.17%	61	49.59%	53	43.09%	8	6.50%	8	6.50%	1	0.81%
PAR-IR-SEV	141	1036	1.39%	391	37.74%	599	57.82%	47	4.54%	38	3.67%	7	0.68%
PAR-NEW-IN	254	23121	31.11%	960	4.15%	20766	89.81%	1340	5.80%	1046	4.52%	289	1.25%
PAR-OTHER	53	4166	5.60%	351	8.43%	3542	85.02%	309	7.42%	259	6.22%	6	0.14%
PAR-PERSIS	106	13307	17.90%	844	6.34%	11845	89.01%	613	4.61%	482	3.62%	115	0.86%
PAR-RAPID	79	252	0.34%	93	36.90%	142	56.35%	9	3.57%	9	3.57%	8	3.17%
PAR-RECUR	231	27445	36.92%	1363	4.97%	24537	89.40%	1671	6.09%	1387	5.05%	143	0.52%
SER-FLEXI	28	1737	2.34%	262	15.08%	1396	80.37%	88	5.07%	63	3.63%	8	0.46%
SER-NSR	1	11	0.01%			11	100.00%						
Total	943	74329	100.00%	4473	6.02%	65704	88.40%	4260	5.73%	3424	4.61%	594	0.80%

Country Totals

Country	No Subs	Samples	% of Total	Gamma Positive	% Positive	Gamma Negative	% Negative	Retest	% Retest	Resample	% Resample	Rejected	% Rejected
England	428	45839	61.67%	2485	5.42%	40556	88.47%	2849	6.22%	2331	5.09%	378	0.82%
England - HRA	213	24256	32.63%	1563	6.44%	21167	87.27%	1652	6.81%	1354	5.58%	124	0.51%
PAR-CHR	13	2451	3.30%	110	4.49%	2198	89.68%	141	5.75%	105	4.28%	17	0.69%
PAR-CUL-N	1	2	0.00%			2	100.00%						
PAR-CUL-P	5	660	0.89%	37	5.61%	598	90.61%	31	4.70%	25	3.79%		
PAR-OTHER	25	2235	3.01%	206	9.22%	1868	83.58%	176	7.87%	156	6.98%	2	0.09%
PAR-PERSIS	18	2011	2.71%	211	10.49%	1680	83.54%	130	6.46%	107	5.32%	5	0.25%
PAR-RECUR	147	16723	22.50%	923	5.52%	14731	88.09%	1166	6.97%	960	5.74%	100	0.60%
SER-FLEXI	4	174	0.23%	76	43.68%	90	51.72%	8	4.60%	1	0.57%		
England - Edge	161	16365	22.02%	722	4.41%	14708	89.87%	899	5.49%	734	4.49%	172	1.05%
PAR-NEW-IN	103	9877	13.29%	474	4.80%	8767	88.76%	554	5.61%	450	4.56%	164	1.66%
PAR-OTHER	12	1239	1.67%	55	4.44%	1113	89.83%	86	6.94%	70	5.65%	1	0.08%
PAR-PERSIS	3	476	0.64%	25	5.25%	441	92.65%	13	2.73%	10	2.10%		
PAR-RECUR	41	4588	6.17%	163	3.55%	4212	91.80%	241	5.25%	200	4.36%	7	0.15%
SER-FLEXI	2	185	0.25%	5	2.70%	175	94.59%	5	2.70%	4	2.16%		
England - LRA	54	5218	7.02%	200	3.83%	4681	89.71%	298	5.71%	243	4.66%	82	1.57%
PAR-NEW-IN	53	5207	7.01%	200	3.84%	4670	89.69%	298	5.72%	243	4.67%	82	1.57%
SER-NSR	1	11	0.01%			11	100.00%						
Scotland	22	2690	3.62%	77	2.86%	2511	93.35%	140	5.20%	73	2.71%	3	0.11%
Scotland - Scotland	22	2690	3.62%	77	2.86%	2511	93.35%	140	5.20%	73	2.71%	3	0.11%
PAR-NEW-IN	22	2690	3.62%	77	2.86%	2511	93.35%	140	5.20%	73	2.71%	3	0.11%
Wales	493	25800	34.71%	1911	7.41%	22637	87.74%	1271	4.93%	1020	3.95%	213	0.83%
Wales - High TB	351	18305	24.63%	1508	8.24%	15966	87.22%	816	4.46%	665	3.63%	154	0.84%
PAR-HERD-S	1	18	0.02%	1	5.56%	15	83.33%	3	16.67%	2	11.11%		
PAR-IR-EX	22	92	0.12%	50	54.35%	35	38.04%	6	6.52%	6	6.52%	1	1.09%
PAR-IR-SEV	119	914	1.23%	348	38.07%	529	57.88%	44	4.81%	35	3.83%	1	0.11%
PAR-NEW-IN	1	3	0.00%			3	100.00%	1	33.33%				
PAR-OTHER	15	683	0.92%	85	12.45%	557	81.55%	47	6.88%	33	4.83%	3	0.44%
PAR-PERSIS	77	9774	13.15%	552	5.65%	8770	89.73%	426	4.36%	342	3.50%	104	1.06%
PAR-RAPID	66	228	0.31%	85	37.28%	126	55.26%	9	3.95%	9	3.95%	8	3.51%
PAR-RECUR	40	6095	8.20%	275	4.51%	5561	91.24%	259	4.25%	223	3.66%	36	0.59%
SER-FLEXI	10	498	0.67%	112	22.49%	370	74.30%	21	4.22%	15	3.01%	1	0.20%
Wales - Intermediate	86	4479	6.03%	282	6.30%	3958	88.37%	267	5.96%	191	4.26%	41	0.92%
PAR-IR-EX	7	30	0.04%	10	33.33%	18	60.00%	2	6.67%	2	6.67%		
PAR-IR-SEV	19	113	0.15%	41	36.28%	68	60.18%	3	2.65%	3	2.65%	1	0.88%
PAR-NEW-IN	32	2925	3.94%	136	4.65%	2610	89.23%	192	6.56%	145	4.96%	34	1.16%
PAR-OTHER	1	9	0.01%	5	55.56%	4	44.44%						
PAR-PERSIS	8	1046	1.41%	56	5.35%	954	91.20%	44	4.21%	23	2.20%	6	0.57%
PAR-RAPID	13	24	0.03%	8	33.33%	16	66.67%						
PAR-RECUR	3	39	0.05%	2	5.13%	33	84.62%	5	12.82%	4	10.26%		
SER-FLEXI	3	293	0.39%	24	8.19%	255	87.03%	21	7.17%	14	4.78%		
Wales - Low TB	56	3016	4.06%	121	4.01%	2713	89.95%	188	6.23%	164	5.44%	18	0.60%
PAR-IR-EX	1	1	0.00%	1	100.00%								
PAR-IR-SEV	3	9	0.01%	2	22.22%	2	22.22%					5	55.56%
PAR-NEW-IN	43	2419	3.25%	73	3.02%	2205	91.15%	155	6.41%	135	5.58%	6	0.25%
SER-FLEXI	9	587	0.79%	45	7.67%	506	86.20%	33	5.62%	29	4.94%	7	1.19%
Total	943	74329	100.00%	4473	6.02%	65704	88.40%	4260	5.73%	3424	4.61%	594	0.80%

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	May	207	15411	129	733							11	3		9		657		53		
2024	June	197	18101	133	797		9					32	1		19		720		2		14
2024	July	223	19494	124	825		7					25	4		20		753	1	7	1	6
2024	August	197	14635	123	639		25					21	2		17		551	1	21		
2024	September	174	11490	104	803		20					88	7		8	2	673		5		
2024	October	243	20535	159	1136		11					35	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	1		29	7	1426		1		
2025	February	243	16364	156	1178	1	28					38			15	10	1074		11		
2025	March	202	13525	126	756		109					65		17	13		532	15	4		
2025	April	247	21572	149	983	427	213					1		1			8	9			
Total		2617	207343	1642	11387	434	469					529	38	19	216	19	9117	26	173	1	20

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

Country	Herds Sampled	Samples Tested	Herds with Positives	IFNG+ Samples	NoPM / No Cult	NoPM / Cult Pend	NoPM / Cult Neg	NoPM / Cult Mb	NoPM / Cult Other	VL / No Cult	VL / Cult Neg	VL / Cult Pen	VL / Cult Mb	VL / Cult Other	NVL / No Cult	NVL / Cult Pen	NVL / Cult Neg	NVL / Cult Mb	NVL / Cult Other
England	1112	131460	720	6017	281					434	10	11	107	6	4584	21	110	1	
Scotland	49	8330	35	224							3		14		125	1	11		
Wales	1456	67553	887	5146	188					95	25	8	95	13	4408	4	52		20
Total	2617	207343	1642	11387	469					529	38	19	216	19	9117	26	173	1	20

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

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

● Herds with Negatives ● Herds with Positives

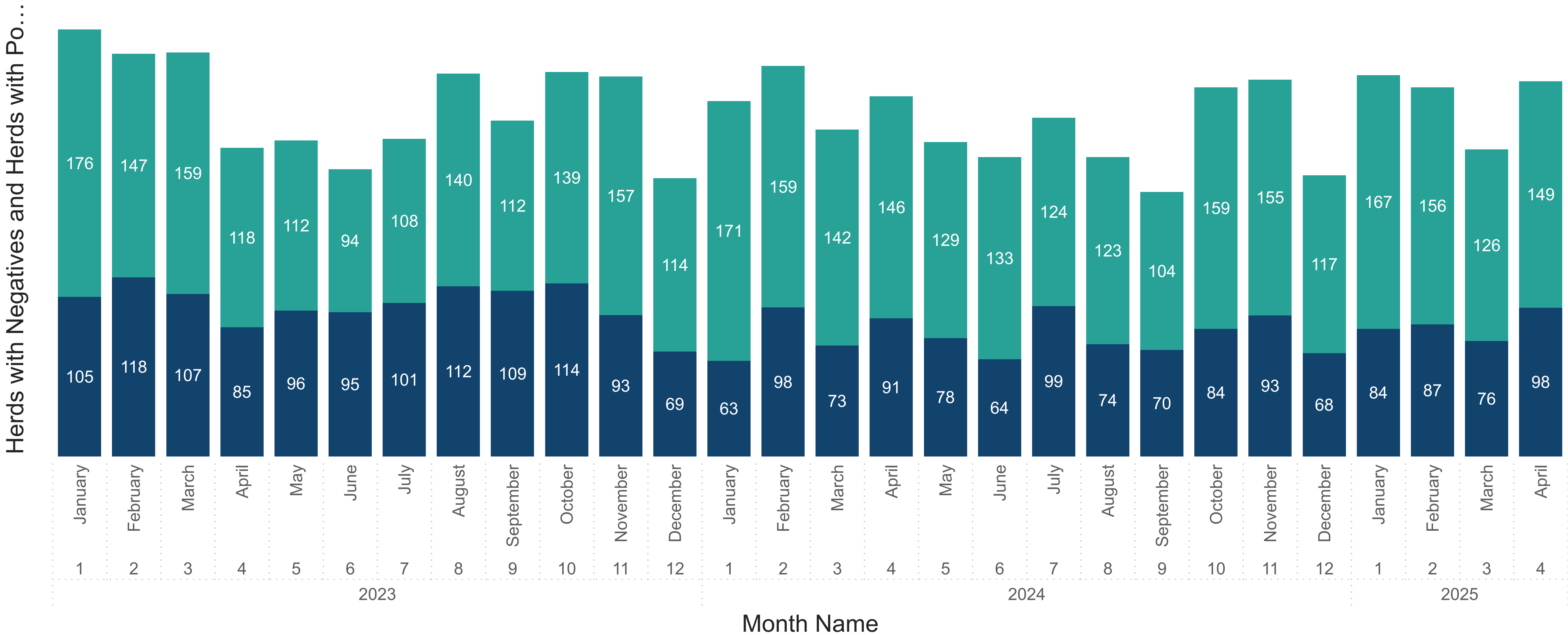
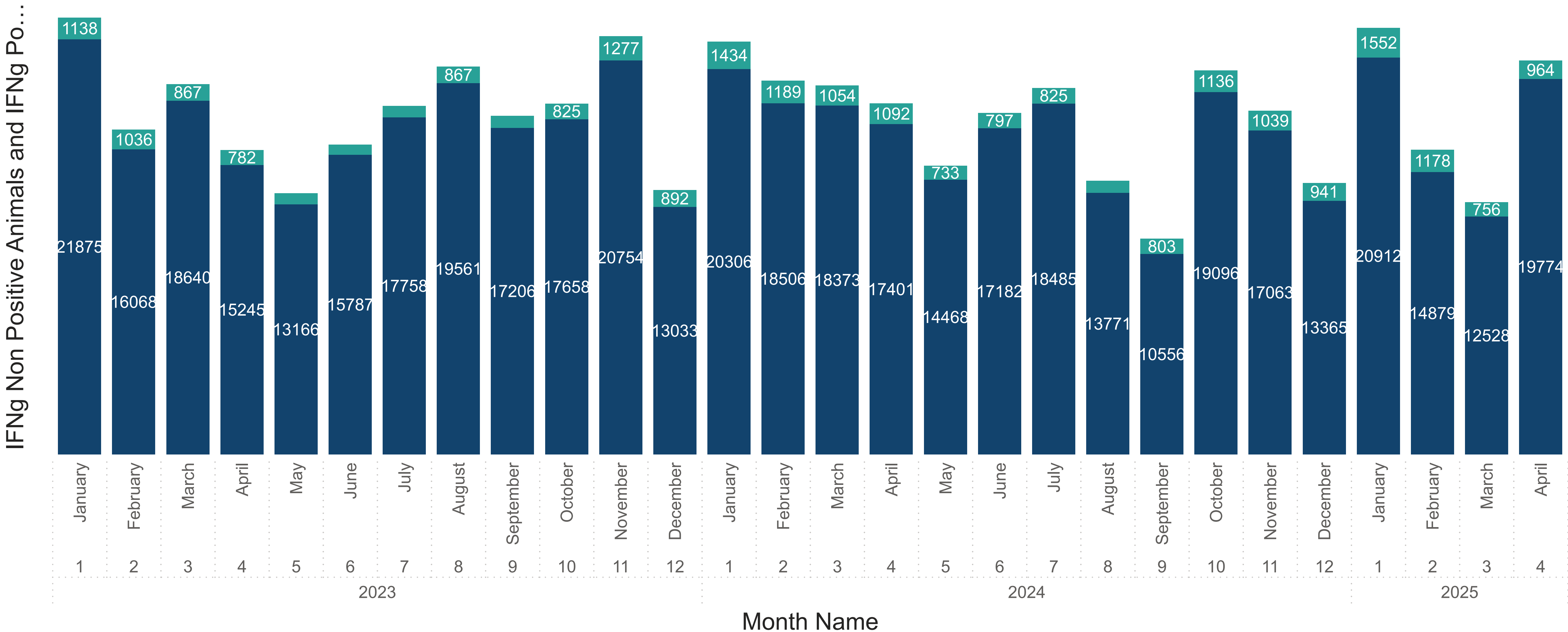


Figure 4b. Number of animals sampled for IFNg and numbers of animals with positive IFNg results.

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

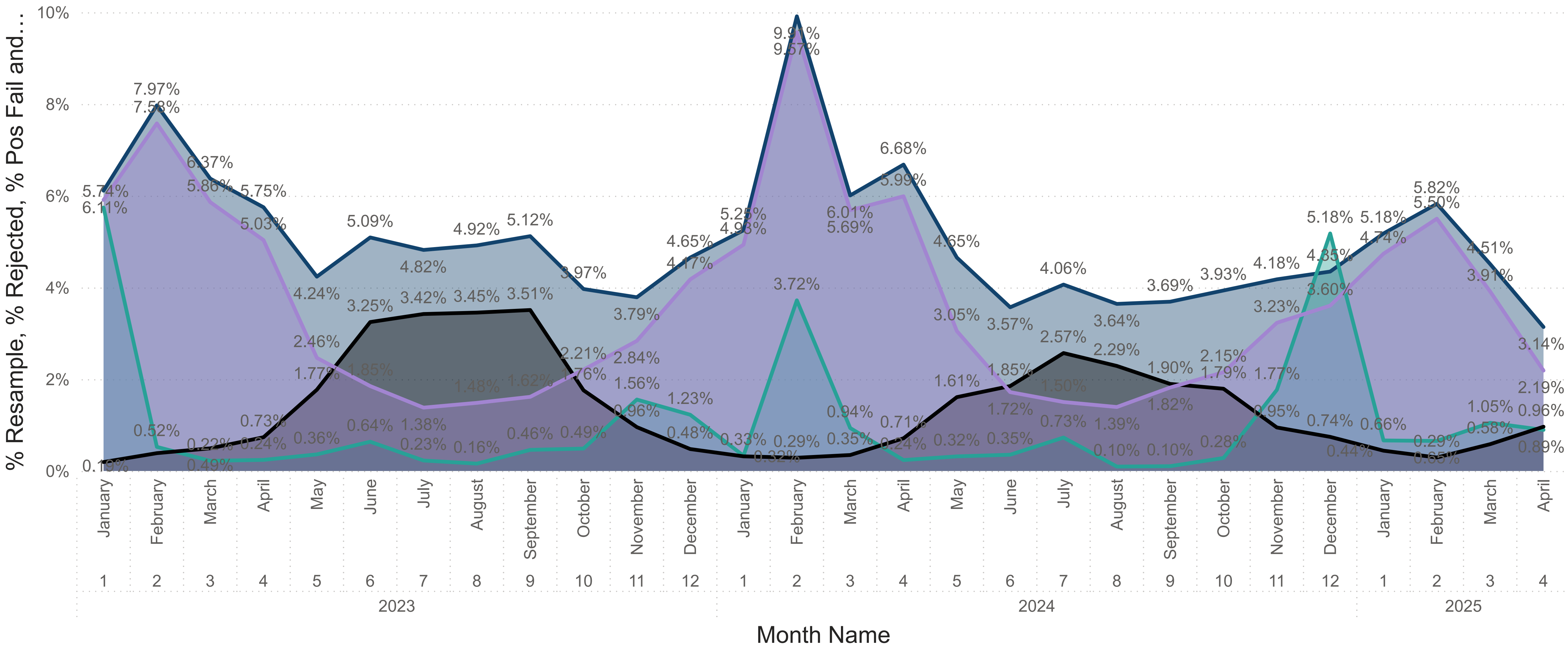
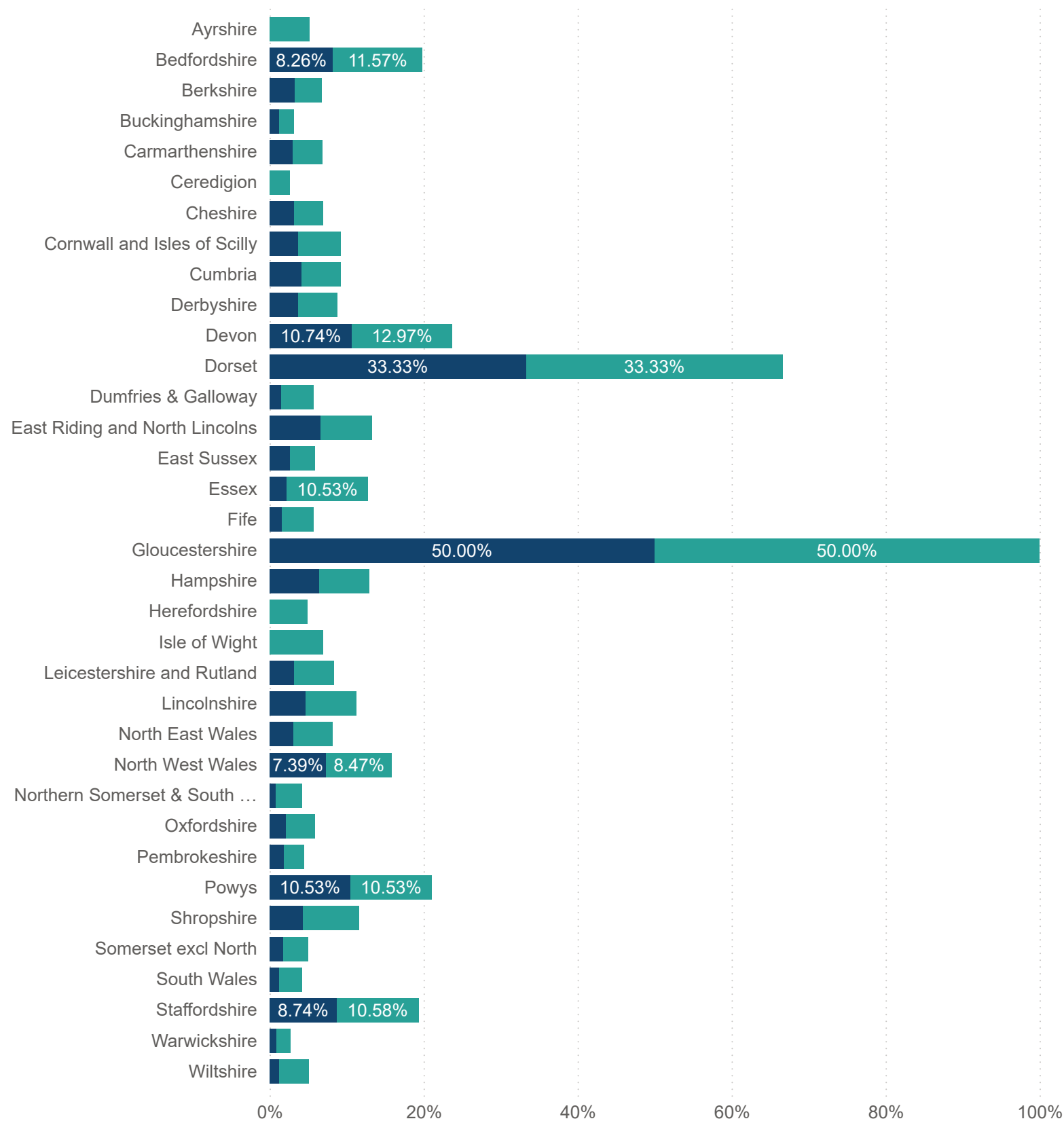


Figure 6. Proportion of samples retested, or requiring a resample April 2025

● % Resample ● % Retest



County Name	% Resample	% Retest
Ayrshire		5.18%
Bedfordshire	8.26%	11.57%
Berkshire	3.30%	3.46%
Buckinghamshire	1.26%	1.89%
Carmarthenshire	2.99%	3.82%
Ceredigion		2.65%
Cheshire	3.16%	3.74%
Cornwall and Isles of Scilly	3.70%	5.56%
Cumbria	4.19%	5.09%
Derbyshire	3.71%	5.08%
Devon	10.74%	12.97%
Dorset	33.33%	33.33%
Dumfries & Galloway	1.50%	4.23%
East Riding and North Lincolns	6.67%	6.67%
East Sussex	2.69%	3.23%
Essex	2.26%	10.53%
Fife	1.63%	4.08%
Gloucestershire	50.00%	50.00%
Hampshire	6.45%	6.45%
Herefordshire		4.89%
Isle of Wight		6.90%
Leicestershire and Rutland	3.23%	5.16%
Lincolnshire	4.67%	6.54%
North East Wales	3.15%	5.04%
North West Wales	7.39%	8.47%
Northern Somerset & South Glou	0.84%	3.36%
Oxfordshire	2.12%	3.76%
Pembrokeshire	1.90%	2.64%
Powys	10.53%	10.53%
Shropshire	4.36%	7.29%
Somerset excl North	1.82%	3.18%
South Wales	1.20%	2.99%
Staffordshire	8.74%	10.58%
Warwickshire	0.91%	1.82%
Wiltshire	1.22%	3.85%
Total	3.14%	4.75%

Table 6. Number of animals and submissions tested

April 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	10929	620	5.7 %	11226	620	5.52%
Scotland	1296	50	3.9 %	1695	69	4.07%
Wales	8514	294	3.5 %	8651	294	3.40%
Total	20738	964	4.6 %	21572	983	4.56%

April 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	11278	614	5.4 %	11611	614	5.29%
Scotland	31	1	3.2 %	31	1	3.23%
Wales	7184	477	6.6 %	7327	477	6.51%
Total	18493	1092	5.9 %	18969	1092	5.76%

YTD April 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	43409	2485	5.7 %	45839	2485	5.42%
Scotland	2248	58	2.6 %	2690	77	2.86%
Wales	24863	1907	7.7 %	25800	1911	7.41%
Total	70518	4450	6.3 %	74329	4473	6.02%

YTD April 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	49269	2807	5.7 %	51987	2811	5.41%
Scotland	808	20	2.5 %	869	20	2.30%
Wales	27156	1942	7.2 %	28494	1942	6.82%
Total	77230	4769	6.2 %	81350	4773	5.87%

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
Devon	PRV-SP	1	3		
Hampshire	PRV-SP	1	1		
Total		2	4		

Table 7b Number of private samples (YTD)

County Name	Test Type*	No of Submissions	Number of Samples	Positive	%Positive
Devon	PRV-SE	1	63	16	25.40%
Gloucestershire	PRV-SE	2	94	17	18.09%
Wiltshire	PRV-SE	2	18		
Berkshire	PRV-SP	1	4		
Cheshire	PRV-SP	1	1	1	100.00%
Devon	PRV-SP	1	3		
Hampshire	PRV-SP	1	1		
Total		9	184	34	18.48%

*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 April 2025

Country Totals

Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
England	2	120	4	3.33%
Northern Somerset & South Gloucestershire	1	99	1	1.01%
BOV-OTHER	1	99	1	1.01%
Wiltshire	1	21	3	14.29%
BOV-P	1	21	3	14.29%
Wales	29	365	41	11.23%
Carmarthenshire	6	59	3	5.08%
BOV-IR-C	6	59	3	5.08%
Ceredigion	1	23	5	21.74%
BOV-IR-C	1	23	5	21.74%
North East Wales	4	138	5	3.62%
BOV-IR-C	2	10	1	10.00%
BOV-IR-EX	1	1	1	100.00%
BOV-P	1	127	3	2.36%
Pembrokeshire	14	111	22	19.82%
BOV-IR-C	11	86	11	12.79%
BOV-IR-EX	3	25	11	44.00%
Powys	4	34	6	17.65%
BOV-IR-C	4	34	6	17.65%
Total	31	485	45	9.28%

Table 8b Number of Cattle Antibody Tests YTD

Country Totals

Country	Num Submissions	Num Samples Tested	Num Positive Samples	% Positive
England	6	749	44	5.87%
Cheshire	2	420	30	7.14%
BOV-P	2	420	30	7.14%
Northern Somerset & South Gloucestershire	1	99	1	1.01%
BOV-OTHER	1	99	1	1.01%
Wiltshire	3	230	13	5.65%
BOV-OTHER	1	178	9	5.06%
BOV-P	2	52	4	7.69%
Wales	147	1760	306	17.39%
Carmarthenshire	22	149	23	15.44%
BOV-IR-C	20	140	20	14.29%
BOV-IR-EX	2	9	3	33.33%
Ceredigion	9	73	28	38.36%
BOV-IR-C	7	69	26	37.68%
BOV-IR-EX	2	4	2	50.00%
North East Wales	20	621	56	9.02%
BOV-IR-C	14	89	24	26.97%
BOV-IR-EX	3	8	6	75.00%
BOV-P	3	524	26	4.96%
Pembrokeshire	73	700	170	24.29%
BOV-IR-C	63	640	147	22.97%
BOV-IR-EX	10	60	23	38.33%
Powys	14	152	22	14.47%
BOV-IR-C	12	91	13	14.29%
BOV-IR-EX	1	5	2	40.00%
BOV-OTHER	1	56	7	12.50%
South Wales	9	65	7	10.77%
BOV-IR-C	7	49	7	14.29%
BOV-IR-EX	1	2		
BOV-OTHER	1	14		
Total	153	2509	350	13.95%