

Extracts taken from Chief Veterinary Officer's reports for years 1967 to 1994 which show the prevalence of bovine TB in cattle from 1965 to 1994 in Great Britain

TABLE 3
Incidence of tuberculosis in Great Britain as disclosed by slaughter of affected animals and tuberculin tests 1965-1967

Year	"Affected"* animals	Cattle tested	Herds tested	Herd with reactors		Reactors slaughtered		Number of contacts slaughtered	Herds with "open" lesion reactors†		Herds with "no visible lesion" reactors‡	
				No.	%	No.	%		No.	%	No.	%
1965	8	7,546,460	158,396	1,661	1.049	3,463	0.046	411	133	0.084	934	0.590
1966	4	7,141,192	144,344	1,447	1.002	3,248	0.045	384	153	0.106	788	0.546
1967	1	6,253,889	118,678	1,316	1.109	3,047	0.049	326	119	0.100	743	0.626

*"Affected" Animal—Bovine with certain forms of clinical tuberculosis or found to be excreting the organisms of tuberculosis.
 †"Open" Lesion Reactor—A reactor which by reason of the extent of tuberculosis or site of the lesions is thought likely to be an excretor.
 ‡"No Visible Lesion" Reactor—Post-mortem examination failed to reveal macroscopic lesions of tuberculosis.

TABLE 4
Incidence of tuberculosis in Great Britain as disclosed by tuberculin tests and slaughter of affected animals 1966-1968

Year	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Number of contacts slaughtered	Herds with "open lesion" reactors*		Herds with "no visible lesion" reactors†		"Affected"‡ animals
			No.	%	No.	%		No.	%	No.	%	
1966	7,141,192	144,344	3,248	0.045	1,447	1.002	384	153	0.106	788	0.546	4
1967	6,253,889	118,678	3,047	0.049	1,316	1.109	326	119	0.100	743	0.626	1
1968	5,854,915	108,452	2,170	0.037	1,040	0.959	202	119	0.109	600	0.553	2

*"Open lesion" reactor—An animal reacting to the tuberculin test with no clinical evidence of infection but which at slaughter is found to have active lesions at sites from which excretion of tubercle organisms into the environment is likely.
 †"No visible lesion" reactor—An animal reacting to the tuberculin test, which at slaughter, shows no macroscopic evidence of infection.
 ‡"Affected" animal—An animal with clinical evidence of tuberculosis and/or actively infected, and found to be excreting tubercle organisms into the

TABLE 1
Incidence of tuberculosis as disclosed by tuberculin tests 1968-1970

Year	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Number of contacts slaughtered	Herds with 'open lesion' reactors*		Herds with 'no visible lesion' reactors†	
			No.	As a % of cattle tested	No.	As a % of herds tested		No.	%	No.	%
1968	5,854,915	108,452	2,170	0.037	1,040	0.959	202	119	0.109	600	0.553
1969	5,793,648	103,966	2,418	0.042	1,114	1.072	408	113	0.109	837	0.805
1970	3,885,130	85,820	2,081	0.054	879	1.024	406	81	0.090	566	0.660

*"Open lesion" reactor—an animal reacting to the tuberculin test with no clinical evidence of infection but which at slaughter is found to have active lesions at sites from which excretion of the tubercle organism into the environment is likely.
 †"No visible lesion" reactor—an animal reacting to the tuberculin test which at slaughter shows no macroscopic evidence of infection.

TABLE 1
Incidence of tuberculosis as disclosed by tuberculin tests 1967-1969

Year	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Number of contacts slaughtered	Herds with "open lesion" reactors*		Herds with "no visible lesion" reactors†	
			No.	%	No.	%		No.	%	No.	%
1967	6,253,889	118,678	3,047	0.049	1,316	1.109	326	119	0.100	743	0.626
1968	5,854,915	108,452	2,170	0.037	1,040	0.959	202	119	0.109	600	0.553
1969	5,793,648	103,966	2,418	0.042	1,114	1.072	408	113	0.109	837	0.805

*"Open lesion" reactor—an animal reacting to the tuberculin test with no clinical evidence of infection but which at slaughter is found to have active lesions at sites from which excretion of the tubercle organism into the environment is likely.
 †"No visible lesion" reactor—an animal reacting to the tuberculin test which at slaughter shows no macroscopic evidence of infection.

Table 1

Incidence of tuberculosis as disclosed by tuberculin tests 1970-1971

Year	Total number of cattle in herds tested	No. of cattle tested	No. of herds tested	Reactors slaughtered		Herds with reactors		No. of contacts slaughtered	No. of herds with visible lesion reactors		No. of herds with no visible lesion reactors*	
				No.	As a % of total cattle in herds tested	No.	As a % of herds tested		No.	%	No.	%
1970	5,049,790	3,885,130	85,820	2,081	0.041	879	1.024	406	566	0.660	313	0.364
1971	4,771,848	3,499,452	75,451	1,834	0.038	805	1.067	364	562	0.744	243	0.318

* No visible lesion reactor—an animal reacting to the tuberculin test which at slaughter shows no macroscopic evidence of infection.

Incidence of tuberculosis as disclosed by tuberculin tests 1970-72

Year	Total number of cattle in herds tested	No. of cattle tested	No. of herds tested	Reactors slaughtered		Herds with reactors		No. of contacts slaughtered	No. of herds with visible lesion reactors		No. of herds with no visible lesion reactors ¹	
				No.	As a % of total cattle in herds tested	No.	As a % of herds tested		No.	%	No.	%
1970	5,049,790	3,885,130	85,820	2,081	0.041	879	1.024	406	313 ²	0.364 ²	566 ²	0.660 ²
1971	4,771,848	3,499,452	75,451	1,834	0.038	805	1.067	364	243 ²	0.318 ²	562 ²	0.744 ²
1972	4,519,210	3,222,329	70,862	1,568	0.035	731	1.032	300	246	0.347	485	0.684

¹ No visible lesion reactor—an animal reacting to the tuberculin test which at slaughter shows no macroscopic evidence of infection.

² These figures were incorrectly transposed in the 1971 edition.

Table 1

Incidence of Tuberculosis as Disclosed by Tuberculin Tests 1972 and 1973 Great Britain

Year	Total number of cattle in herds tested	No. of cattle tested	No. of herds tested	Reactors slaughtered		Herds with reactors		No. of contacts slaughtered	No. of herds with visible lesion reactors		No. of herds with no visible lesion reactors	
				No.	As a % of total cattle in herds tested	No.	As a % of herds tested		No.	%	No.	%
1972	4,519,210	3,222,329	66,991	1,568	0.035	731	1.032	300	246	0.347	485	0.684
1973	4,962,572	3,469,523	68,670	1,574	0.032	567	0.825	410	218	0.317	349	0.508

Incidence of Tuberculosis as Disclosed by Tuberculin Tests 1973, 1974 and 1975 Great Britain

Year	Total number of cattle in herds tested	Number of cattle tested	Number of herds tested	Reactors slaughtered		Herds with reactors		Number of contacts slaughtered	No. of herds with visible lesion reactors		No. of herds with no visible lesion reactors	
				No.	As a % of total cattle in herds tested	No.	As a % of herds tested		No.	%	No.	%
1973	4,962,572	3,469,523	68,670	1,574	0.032	567	0.825	410	218	0.317	349	0.508
1974	4,818,534	3,346,935	65,435	1,624	0.034	564	0.862	553	185	0.282	379	0.579
1975	4,412,134	3,002,214	61,325	1,666	0.038	784	1.278	249	227	0.370	557	0.908

*Incidence of Tuberculosis as Disclosed by Tuberculin Tests 1975 and 1976
Great Britain*

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a % of cattle in herds tested	No.	As a % of herds tested		No.	As a % of herds tested	No.	As a % of herds tested
1975	4,412,134	3,002,214	61,325	1,666	0.038	784	1.278	249	227	0.370	557	0.908
1976	3,984,171	2,509,145	55,617	1,058	0.027	529	0.951	91	218	0.392	311	0.559

*Table 5 Incidence of tuberculosis as disclosed by tuberculin tests 1976, 1977 and 1978
Great Britain*

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1976	3 984 171	2 509 145	55 617	1 058	0.027	529	0.951	91	218	0.392	311	0.559
1977	3 857 159*	2 641 319*	54 645	764	0.020	357*	0.653*	92	146*	0.267*	211*	0.386*
1978	3 595 361	2 464 213	50 674	685	0.019	283	0.558	245	138	0.272	145	0.286

*amended figures

*Table 6 Incidence of tuberculosis as disclosed by tuberculin tests 1977, 1978 and 1979
Great Britain*

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1977	3 857 159	2 641 319	54 645	764	0.020	357	0.653	92	146	0.267	211	0.386
1978	3 593 630*	2 464 215*	50 628*	668*	0.019	276*	0.545*	245	134*	0.265*	142*	0.280*
1979	3 477 842	2 351 489	49 334	628	0.018	252	0.513	547	117	0.238	135	0.275

*amended figures

*Table 4 Incidence of tuberculosis as disclosed by tuberculin tests 1978, 1979 and 1980
Great Britain*

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1978	3 593 630	2 464 215	50 628	668	0.019	276	0.545	245	134	0.265	142	0.280
1979	3 478 362*	2 351 949*	49 580*	633*	0.018	242*	0.488	552*	109*	0.219	133*	0.268
1980	3 390 215	2 335 356	48 688	873	0.026	402	0.826	69	160	0.329	242	0.497

*amended figures

Table 1 Incidence of tuberculosis as disclosed by tuberculin tests 1979, 1980 and 1981 Great Britain

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1979	3 478 362	2 351 949	49 580	633	0.018	242	0.488	552	109	0.219	133	0.268
1980	3 402 345*	2 344 575*	48 889*	873	0.026	402	0.822*	69	160	0.327*	242	0.494*
1981	3 355 155	2 328 742	49 116	784	0.023	357	0.727	227	161	0.328	196	0.400

*amended figures

Table 3 Incidence of tuberculosis as disclosed by tuberculin tests 1980, 1981 and 1982 Great Britain

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1980	3 402 345*	2 344 575*	48 889*	873	0.026	402	0.822*	69	160	0.327*	242	0.494*
1981	3 355 155	2 328 742	49 116	784	0.023	357	0.727	227	161	0.328	196	0.400
1982	3 534 728	2 471 194	48 343	569	0.016	308	0.637	45	143	0.296	165	0.341

*amended figures

Table 3 Incidence of tuberculosis as disclosed by tuberculin tests 1981, 1982 and 1983 Great Britain

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1981	3 355 155	2 328 742	49 116	784	0.023	357	0.727	227	161	0.328	196	0.400
1982	3 534 728	2 471 194	48 343	569	0.016	308	0.637	45	143	0.296	165	0.341
1983	3 290 027	2 301 137	44 830	621	0.019	322	0.718	56	113	0.252	209	0.466

Table 3 Incidence of tuberculosis as disclosed by tuberculin tests 1982, 1983 and 1984 Great Britain

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors		Contacts slaughtered	Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested		No.	As a percentage of herds tested	No.	As a percentage of herds tested
1982	3 534 728	2 471 194	48 343	569	0.016	308	0.637	45	143	0.296	165	0.341
1983	3 290 027	2 301 137	44 830	621	0.019	322	0.718	56	113	0.252	209	0.466
1984	3 396 585	2 289 680	45 285	660	0.019	350	0.773	86	114	0.252	236	0.521

Table 3 Incidence of tuberculosis as disclosed by tuberculin tests 1983, 1984 and 1985 Great Britain

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with Reactors			Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested	Contacts slaughtered	No.	As a percentage of herds tested	No.	As a percentage of herds tested
1983	3 290 027	2 301 137	44 830	621	0.019	322	0.718	56	113	0.252	209	0.466
1984	3 396 585	2 289 680	45 285	660	0.019	350	0.773	86	114	0.252	236	0.521
1985	3 322 015	2 192 982	43 826	699	0.021	341	0.778	166	84	0.192	257	0.586

Table 5 Incidence of tuberculosis as disclosed by tuberculin tests 1984, 1985 and 1986

Year	Cattle in herds tested	Cattle tested	Herds tested	Reactors slaughtered		Herds with reactors			Herds with visible-lesion reactors		Herds with no visible-lesion reactors	
				No.	As a percentage of cattle in herds tested	No.	As a percentage of herds tested	Contacts slaughtered	No.	As a percentage of herds tested	No.	As a percentage of herds tested
1984	3 396 585	2 289 680	45 285	660	0.019	350	0.773	86	114	0.252	236	0.521
1985	3 322 015	2 192 982	43 826	699	0.021	341	0.778	166	84	0.192	257	0.586
+1986	3 200 000	2 100 000	38 000	513	0.016	306	0.805	132	88+	0.232	216	0.568

+Herds with VL reactors and culture positive NVL herds.

Table 2 Incidence of tuberculosis as disclosed by tuberculin test 1985, 1986 and 1987 Great Britain

	1985	1986	1987
Cattle in herds tested	3 322 015	3 200 000	3 045 975
Cattle tested	2 192 982	2 100 000	2 114 422
Herds tested	43 826	38 000	40 613
REACTORS SLAUGHTERED			
No.	699	513	810
As a % of cattle in herds tested	0.021	0.016	0.026
HERDS WITH REACTORS			
No.	341	306	324
As a % of herds tested	0.778	0.805	0.798
Contacts slaughtered	166	132	363
HERDS WITH VISIBLE-LESION REACTORS			
No.	84	88*	108*
As a % of herds tested	0.192	0.232	0.266
HERDS WITH NO VISIBLE-LESION REACTORS			
No.	257	216	216
As a % of herds tested	0.586	0.568	0.532

* Herds with VL reactors and culture positive NVL herds

Table 6 Incidence of tuberculosis as disclosed by tuberculin test 1984-1988

	1984	1985	1986	1987	1988
Cattle in herds tested	3 396 585	3 322 015	3 200 000	3 045 975	2 937 797
Cattle tested	2 289 680	2 192 982	2 100 000	2 114 422	1 858 766
Herds tested	45 285	43 826	38 000	40 613	36 537
REACTORS SLAUGHTERED					
No.	660	697+	513	810	688
As a % of cattle in herds tested	0.019	0.021	0.016	0.026	0.023
HERDS WITH REACTORS					
No.	350	341	306	324	363
As a % of herds tested	0.773	0.778	0.805	0.798	0.996
Contacts slaughtered	86	166	132	363	94
HERDS WITH VISIBLE-LESION REACTORS					
No.	114	85+	88*	108*	122
As a % of herds tested	0.252	0.192	0.232	0.266	0.337
HERDS WITH NO VISIBLE-LESION REACTORS					
No.	236	256+	218+	216	241
As a % of herds tested	0.521	0.586+	0.574+	0.532	0.660

* Herds with VL reactors and culture-positive NVL herds

+ These are corrected figures from those appearing in previous CVO's reports

Table 4 Incidence of tuberculosis as disclosed by tuberculin test 1985 – 1989

	1985	1986	1987	1988	1989
Cattle in herds tested	3 322 015	3 200 000	3 045 975	2 937 797	3 001 634
Cattle tested	2 192 982	2 100 000	2 114 422	1 858 766	1 824 789
Herds tested	43 826	38 000	40 613	36 537	35 666
REACTORS SLAUGHTERED					
No.	697	513	810	688	901
As a % of cattle in herds tested	0.021	0.016	0.026	0.023	0.030
HERDS WITH REACTORS					
No.	341	306	324	363	452
As a % of herds tested	0.778	0.805	0.798	0.996	1.267
Contacts slaughtered	166	132	363	94	197
HERDS WITH VISIBLE LESION REACTORS					
No.	85	88	108	122	164
As a % of herds tested	0.192	0.232	0.266	0.337	0.459
HERDS WITH NO VISIBLE LESION REACTORS					
No.	256	218	216	241	288
As a % of herds tested	0.586	0.574	0.532	0.660	0.807

Table 4 Incidence of tuberculosis as disclosed by tuberculin test 1986–1990

	1986	1987	1988	1989	1990
Cattle in herds tested	3 200 000	3 045 975	2 937 797	3 001 634	3 552 443
Cattle tested	2 100 000	2 114 422	1 858 766	1 824 789	1 859 775
Herds tested	38 000	40 613	36 537	35 666	35 989
REACTORS AND CONTACTS SLAUGHTERED					
Reactors	513	810	688	901	1 048
Contacts	132	363	94	197	522
HERDS WITH REACTORS					
No.	306	324	363	452	472
As a % of herds in GB	0.232	0.251	0.290	0.375	0.397
HERDS WITH CONFIRMED REACTORS					
No.	88	108	122	164	173
As a % of herds in GB	0.067	0.084	0.098	0.136	0.146
HERDS WITH UNCONFIRMED REACTORS					
No.	218	216	241	288	299
As a % of herds in GB	0.165	0.168	0.193	0.234	0.252

Table 1.11 Incidence of tuberculosis as disclosed by tuberculin test 1987-1991

	1987	1988	1989	1990	1991
Cattle in herds tested	3,045,975	2,937,797	3,001,634	3,552,443	3,156,532
Cattle tested	2,114,422	1,858,766	1,824,789	1,859,775	1,944,083
Herds tested	40,613	36,537	35,666	35,989	36,468
REACTORS AND CONTACTS SLAUGHTERED					
Reactors	688	810	901	1,048	1,124
Contacts	363	94	197	522	180
HERDS WITH REACTORS					
No.	324	363	452	472	610
As a % of herds in GB	0.251	0.290	0.375	0.397	0.583
HERDS WITH CONFIRMED REACTORS					
No.	108	122	164	173	181
As a % of herds in GB	0.084	0.098	0.136	0.146	0.173
HERDS WITH UNCONFIRMED REACTORS					
No.	216	241	288	299	429
As a % of herds in GB	0.168	0.193	0.234	0.252	0.410

Table 1.9 Incidence of tuberculosis as disclosed by tuberculin test 1988–1992

	1988	1989	1990	1991	1992
Cattle in herds tested	2,937,797	3,001,634	3,552,443	3,156,532	2,919,370
Cattle tested	1,858,766	1,824,789	1,859,775	1,944,083	1,975,633
Herds tested	36,537	35,666	35,989	36,468	33,866
REACTORS AND CONTACTS SLAUGHTERED					
Reactors	688	901	1,048	1,124	1,244
Contacts	94	197	522	180	382
HERDS WITH REACTORS					
No.	363	452	472	610	588
As a % of herds in GB	0.290	0.375	0.397	0.583	0.518
HERDS WITH CONFIRMED REACTORS					
No.	122	164	173	181	197
As a % of herds in GB	0.098	0.136	0.146	0.173	0.174
HERDS WITH UNCONFIRMED REACTORS					
No.	241	288	299	429	391
As a % of herds in GB	0.193	0.234	0.252	0.410	0.345

Table 1.7 Incidence of tuberculosis as disclosed by tuberculin test (1990 - 1994)

	Year	1990	1991	1992	1993	1994
Total cattle tested	Rest of GB	1,142,153	1,190,508	1,077,112	1,019,072	1,016,142
	SW	717,622	753,575	898,521	885,249	965,418
Total herds tested	Rest of GB	25,627	25,731	23,606	22,259	20,296
	SW	10,362	10,737	10,260	11,472	11,948
Total herd breakdowns (confirmed/unconfirmed)	Rest of GB	189	208	235	293	253
	SW	283	402	353	546	648
Total new confirmed herd breakdowns (NCB)	Rest of GB	39	34	34	45	88
	SW	104	92	121	229	274
Total reactors slaughtered (TRS)	Rest of GB	518	415	390	581	718
	SW	530	709	854	1,384	1,586
Reactor rate (TRS as % of cattle tested)	Rest of GB	0.04	0.03	0.04	0.05	0.07
	SW	0.07	0.09	0.09	0.16	0.16

I was not able to find in the Chief Veterinary Officer's report (CVO report) the number of reactor herds for years 1995 to 1999, 2001 and for years 2006 onwards.

Reactor herds in this context means the number of herds under TB restrictions in Great Britain because of a TB incident at some time during the year. This is different to the number of new incidences.

Reactor herds for years 2000, 2002, 2003, 2004 and 2005 are available outside this document in separate PDF documents which contain the complete CVO report for each year.

These reports can be downloaded from www.bovinetb.info.