

**OTM RULE REVIEW: STAKEHOLDER REPRESENTATIVES
PUBLIC CONSULTATION MEETING 7 March 2003**

BSE Statistics

BSE cases recorded in the UK

As at 24 February 2003 a total of 182,054 cases of BSE have been confirmed on 37,048 separate farms.

Great Britain	Passive Surveillance	178,149
	Active Surveillance	1026
	Cases recorded before 21 June 1988 when BSE became a notifiable disease	830
	Total	180,005
Northern Ireland	Passive Surveillance	1,873
	Active Surveillance	176
	Total	2,049
UK Total		182,054

Passive surveillance BSE cases confirmed in cattle showing clinical symptoms before slaughter

Active surveillance BSE cases found as a result of surveys of cattle in particular categories shown in the key on page 6

BSE Cases per year

As at 24 February 2003

Passive surveillance

Year	Great Britain	Northern Ireland	UK TOTAL
1988	2,184	4	2,188
1989	7,137	29	7,166
1990	14,181	113	14,294
1991	25,032	170	25,202
1992	36,682	374	37,056
1993	34,370	459	34,829
1994	23,945	345	24,290
1995	14,302	173	14,475
1996	8,016	74	8,090
1997	4,313	23	4,336
1998	3,180	18	3,198
1999	2,258	7	2,265
2000	1,311	20	1,331
2001	781	31	812
2002	443	31	474
2003	14	2	16
TOTAL	178,149	1,873	180,022

NOTE: cases are allocated to the year in which BSE suspects were placed under restriction. Data covers only the period from 21 June 1988 onwards and includes cases not placed under restriction.

Percentage changes year-on-year *As at 24 February 2003*

Passive surveillance

Year	Great Britain	Northern Ireland	UK TOTAL
1990	+98.7 %	+289.7%	+99.5%
1991	+76.5 %	+50.4%	+76.3%
1992	+46.5 %	+120.0 %	+47.0%
1993	-6.3 %	+23.0%	-6.0%
1994	-30.3 %	-25.2%	-30.3%
1995	-40.3 %	-49.7%	-40.4%
1996	-44.0 %	-57.2%	-44.1%
1997	-46.2%	-68.9%	-46.4%
1998	-26.3%	-21.7%	-26.3%
1999	-29.0%	-61.0%	-28.6%
2000	-41.9%	+185%	-41.2%
2001	-40.4%	+55%	-39.0%
2002	-43.7%	+0%	-42.0%

ACTIVE SURVEILLANCE IN GREAT BRITAIN
As at 24 February 2003

Year		No. tested	No. of animals tested in which BSE confirmed	% positive
1999	OTMS 1	3,951	18	0.46
2000	OTMS 2	10,032	42	0.42
	Birth cohort of BSE cases	17	2	11.76
2001	Fallen Stock Survey Voluntary	1,102	14	1.27
	Animals slaughtered for human consumption: Under thirty months	552	0	0
2001	Fallen Stock	24,664	86	0.35
	Casualties on farm	39,489	231	0.58
	Casualties at OTMS abattoirs	3	0	0
	OTMS – Random Animals	2,095	0	0
	BSE Offspring	212	0	0
	Birth cohort of BSE cases	3	0	0
	Animals sampled as 96/97Cohort (excluding fallen stock, casualties etc)	12,225	1	0.01
	<i>Animals born in 96/97Cohort (including fallen stock, casualties etc)</i>	<i>19,756</i>	<i>5</i>	<i>0.03</i>
	Animals slaughtered for human consumption: Over thirty months (BAS)	161	0	0
2002	Fallen Stock	73,837	135	0.18
	Casualties on farm	112,827	439	0.39
	Casualties at OTMS abattoirs	1,522	4	0.26
	OTMS – Random Animals (born before August 1996)	10,056	9	0.09
	OTMS – Random Animals (born after July 1997)	72,417	1	0.001
	BSE Offspring	742	0	0
	Birth Cohorts of BSE cases	8	0	0
	Animals sampled as 96/97Cohort (excluding fallen stock, casualties etc)	60,466	5	0.01
	<i>Animals born in 96/97Cohort (including fallen stock, casualties etc)</i>	<i>81,247</i>	<i>13</i>	<i>0.02</i>
	Animals slaughtered for human consumption: Over thirty months (BAS)	238	0	0
	24 – 30 month casualty cattle at fresh meat abattoirs	970	0	0
2003	Fallen Stock	9,240	8	0.09
	Casualties on farm	15,414	27	0.18
	Casualties at OTMS abattoirs	1,288	1	0.08
	OTMS – Random (born before Aug 1996)	1,566	3	0.19
	OTMS – born after July 1997 and aged over 42 mths	6,324	0	0
	BSE Offspring	72	0	0
	Birth Cohorts of BSE cases	0	0	0
	Animals sampled as 96/97Cohort (excluding fallen stock, casualties etc)	18,228	0	0
	<i>Animals born in 96/97Cohort (including fallen stock, casualties etc)</i>	<i>20,720</i>	<i>0</i>	<i>0</i>
	Animals slaughtered for human consumption: Over thirty months (BAS)	47	0	0
	24 – 30 month casualty at fresh meat S/H	137	0	0
2001-2003 TOTAL	All cattle tested	464,251	950	0.2

ACTIVE SURVEILLANCE IN NORTHERN IRELAND

As at 24 February 2003

Year		No. tested	No. positive	% positive
2000	Casualty Survey	2,546	55	2.16
2001	Casualty Survey - OTM	8,024	37	0.46
	Casualty Survey - UTM	74	0	0
	Fallen Stock Survey	2,347	3	0.13
	OTMS sample	977	0	0
	96/97 Cohort	6,070	0	0
	BSE Offspring (born after 31 July 1996)	206	0	0
2002	Casualty Survey - Over Thirty Month	23,130	61	0.26
	Casualty Survey – Under Thirty Month	323	0	0
	Fallen Stock Survey	7,514	7	0.09
	OTMS sample	6,040	1	0.02
	96/97 Cohort	11,695	0	0
	BSE Offspring (born after 31 July 1996)	193	0	0
	Ante Mortem Failures - OTM	900	1	0.11
	Ante Mortem Failures - UTM	23	0	0
	>42 months Survey	9,781	0	0
2003	Casualty Survey - Over Thirty Month	3,938	10	0.25
	Casualty Survey – Under Thirty Month	36	0	0
	Fallen Stock Survey	1,034	1	0.10
	OTMS sample	469	0	0
	96/97 Cohort	3	0	0
	BSE Offspring (born after 31 July 1996)	25	0	0
	Ante Mortem Failures - OTM	139	0	0
	Ante Mortem Failures - UTM	6	0	0
	Born after 31.7.96 & >42 months	5,294	0	0

Comments: No Beef Assurance Scheme members in Northern Ireland

**Dates of birth of confirmed BSE cases in
Great Britain born after 1 August 1996**

As at 24 February 2003

GB case No	Date of birth	Date BSE confirmed	Method of detection
1	25/08/1996	27/06/2000	Passive Surveillance
2	20/05/1997	14/06/2001	Passive Surveillance
3	04/12/1996	11/07/2001	Passive Surveillance
4	18/01/1997	24/08/2001	Passive Surveillance
5	25/04/1997	28/08/2001	Active Surveillance – Casualty Survey
6	07/09/1996	06/12/2001	Active Surveillance – Casualty Survey
7	04/01/1997	17/01/2002	Passive Surveillance
8	12/02/1997	22/01/2002	Passive Surveillance
9	27/07/1997	06/02/2002	Active Surveillance – Casualty Survey
10	30/07/1997	06/02/2002	Active Surveillance – Casualty Survey
11	06/03/1997	26/02/2002	Active Surveillance - OTMS Cohort
12	29/09/1996	13/03/2002	Active Surveillance – Casualty Survey
13	27/04/1997	27/03/2002	Active Surveillance – Casualty Survey
14	16/02/1998	27/02/2002	Active Surveillance – Casualty Survey
15	27/08/1996	13/05/2002	Active Surveillance – Casualty Survey
16	18/09/1996	13/05/2002	Passive Surveillance
17	29/11/1997	13/05/2002	Passive Surveillance
18*	28/06/1997	06/06/2002	Active Surveillance – Fallen Stock Survey
19	20/07/1998	08/08/2002	Active Surveillance – Casualty Survey
20	04/03/1998	22/08/2002	Active Surveillance – Casualty Survey
21	21/07/1998	03/09/2002	Active Surveillance - Casualty Survey
22	22/08/1996	16/10/2002	Active Surveillance – OTMS cohort
23	08/11/1996	17/10/2002	Active Surveillance – OTMS cohort
24	21/02/1997	29/10/2002	Active Surveillance – Fallen Stock Survey
25	17/09/1997	30/10/2002	Active Surveillance - Casualty Survey
26	04/10/1997	21/11/2002	Active Surveillance - OTMS
27	14/02/1997	27/11/2002	Passive Surveillance
28	12/02/1997	29/11/2002	Active Surveillance - Casualty Survey
29	13/02/1997	17/12/2002	Active Surveillance - OTMS
30	06/11/1998	09/01/2003	Active Surveillance - OTMS
31	30/04/1997	04/02/2003	Active Surveillance - Casualty Survey
32	20/03/1997	20/02/2003	Active Surveillance - Casualty Survey
33	30/07/1007	20/02/2003	Active Surveillance - Casualty Survey

*born in Republic of Ireland and imported into the UK at 20 months of age in 1998

**Dates of birth of confirmed BSE cases in
Northern Ireland born after 1 August 1996**

As at 28 February 2003

	Date of birth	Date of Confirmation	Method of Detection
1	10/09/1996	08/02/2001	Active Surveillance – Casualty Survey
2	01/06/1997	13/12/2001	Active Surveillance – Casualty Survey
3	25/05/1999	01/02/2002	Active Surveillance – Casualty Survey
4	28/09/1997	30/08/2002	Active Surveillance – Casualty Survey

Youngest and oldest cases by year of onset - GB

As at 31 January 2003

Year of onset	Age youngest case (months)	Age 2 nd youngest case (months)	Age 2 nd oldest case (yrs.months)	Age oldest case (yrs.months)
1986	30	33	5.03	5.07
1987	30	31	9.09	10.00
1988	24	27	10.06	11.01(2)
1989	21	24(4)	12.00(2)	15.04
1990	24(2)	26	13.03	14.00
1991	24	26(3)	14.02	17.05
1992	20	26	15.02	16.02
1993	29	30(3)	14.10	18.10
1994	30(2)	31(2)	14.05	16.07
1995	25	32	14.09	15.05
1996	29	30	15.07	17.02
1997	37(7)	38(3)	14.09	15.01
1998	34	36	14.07	15.05
1999	39(2)	41	13.07	13.10
2000	42	50(4)	17.08	19.09
2001	48(2)	53	14.10	14.11
2002	52	65	15.08	15.09
2003	92	98	8.02	8.06

ACTIVE SURVEILLANCE KEY

OTMS 1 - A survey of animals aged 5 years and over, presented for slaughter under the Over Thirty Months Slaughter Scheme (OTMS). The survey was carried out from January to March 1999.

OTMS 2 - A survey of animals aged 5 years and over, presented for slaughter under the Over Thirty Months Slaughter Scheme (OTMS). The survey was carried out from May to December 2000.

BIRTH COHORTS OF BSE CASES - In the case of suspects born after 1 January 1996, other animals likely to have been exposed to the same source of infection are identified to form a Surveillance Cohort. If sent for slaughter they are sampled and tested for BSE.

FALLEN STOCK SURVEY: VOLUNTARY - A survey of fallen stock aged over 30 months and voluntarily notified to the Department was carried out from January to July 2001. It was superseded by the compulsory survey which began on 1 July 2001.

ANIMALS SLAUGHTERED FOR HUMAN CONSUMPTION: UNDER THIRTY MONTHS – Testing of a sample of under thirty months animals presented for routine slaughter for human consumption. This testing is not a statutory requirement but is carried out privately on behalf of a retailer.

FALLEN STOCK - From 1 July 2001, all fallen stock aged over 30 months must be notified. They are collected for disposal and sampling. Although all animals were collected from 1 July, sampling was initially carried out at a limited number of sites. The age threshold for the mandatory reporting of fallen stock was reduced to 24 months on 1 January 2002.

CASUALTY SURVEY - From 1 July 2001, animals aged over thirty months and subject to emergency slaughter (casualty animals) were sampled for BSE testing. As in the case of fallen stock, sampling was initially carried out at a limited number of sites.

CASUALTIES SOURCED AT OTMS ABATTOIRS – Cattle presented for slaughter under the OTMS which are identified as casualties at ante mortem inspection.

ANIMALS SAMPLED AS 96/97 COHORT – Animals in this category are those sampled on entering the Over Thirty Months Scheme and determined by birth date on passport falling between 1 August 1996 and 31 July 1997. Casualties eligible for OTMS sent direct to incinerators/renderers are excluded as are fallen stock.

OFFSPRING OF BSE CASES – The testing of offspring (aged over thirty months) of BSE cases began on 10 September 2001.

ANIMALS SLAUGHTERED FOR HUMAN CONSUMPTION: OVER THIRTY MONTHS - From 1 January 2001 any animals aged over thirty months and slaughtered for human consumption must be tested for BSE before the carcase is released. In the UK, this applies only to a small number of animals from Beef Assurance Scheme herds which may be slaughtered for human consumption up to the age of 42 months.

ANIMALS BORN IN 96/97 COHORT (ALL CATEGORIES) – Cattle born between 1 August 1996 and 31 July 1997, i.e. the year after the extended feed ban was considered to be effective. Cattle sampled as fallen stock, casualties, offspring or cohort animals entering the Over Thirty Months Scheme are included in these figures.

OVER THIRTY MONTHS SCHEME RANDOM ANIMALS – Until August 2002 EU legislation required the UK to undertake a survey of 50,000 randomly selected cattle aged over thirty months per annum. In view of the fact that UK was already testing animals born during August 1996 - 1997 (the year immediately following the feed ban) this quota was split, with around 10,000 cattle born pre-August 1996 ('before feed ban') and 40,000 born post-July 1997 (from one year 'after feed ban'). With effect from 24 August 2002 Commission Regulation 1494/2002 (amending Regulation 999/2001) required the UK to continue to test 10,000 cattle born before the feed ban but now all cattle aged over 42 months and born after August 1996. This latter requirement subsumes the post July 1997 random survey. 96/97 cohort shown separately.

OVER THIRTY MONTHS SCHEME – RANDOM (BORN BEFORE AUGUST 1996) UK's random survey of 10,000 pre-August 1996-born cattle.

OVER THIRTY MONTHS SCHEME – RANDOM (BORN AFTER JULY 1997) UK's random survey of 40,000 post-July 1997-born cattle.

OVER THIRTY MONTHS SCHEME – BORN AFTER JULY 1997 AND AGED OVER 42 MONTHS - Commission Regulation 1494/2002 (amending Regulation 999/2001) requires the UK to test all cattle aged over 42 months and born after August 1996. This new requirement has subsumed the post July 1997 random survey of 40,000 post-July 1997-born cattle.

24-30 MONTH CASUALTY CATTLE SOURCED AT FRESH MEAT ABATTOIRS – The testing of animals aged between 24-30 months, identified at ante mortem inspection as casualties, began on 7 January 2002.

ALL CATTLE TESTED - These figures represent the overall total of all cattle tested since the beginning of the compulsory 2001 testing programme.

BSE Testing Cumulative: January-December 2002

	Adult cattle ¹ (million)	BSE Suspect Animals ²			Risk Animals ³			Healthy Animals ⁴			BSE Eradication ⁵		
		No	Positive	Pending	No	Positive	Pending	No	Positive	Pending	No	Positive	Pending
	1.5	279	5	0	37,929	16	0	408,934	17	0	3,277	0	0
Denmark	0.9	37	0	2	33,116	2	0	239,909	1	8	2,456	0	0
Germany	6.3	241	11	0	257,940	50	0	2,758,351	42	0	2,629	3	0
Greece	0.3	0	0	0	2,256	0	0	21,456	0	0	22	0	0
Spain	3.4	63	17	7	85,657	75	1,203	451,810	36	409	5,318	6	152
France	11.2	207	41	0	271,727	124	0	2,896,182	74	0	15,881	1	0
Ireland	3.6	511	108	0	78,372	187	8	610,002	34	0	18,659	4	0
Italy	3.4	104	0	0	101,910	15	0	621,005	21	0	3,909	0	0
Luxembourg	0.1	14	0	0	1,941	1	0	16,443	0	0	0	0	0
Netherlands	1.7	39	1	0	64,321	13	0	491,069	10	0	3,000	0	201
Austria	1.0	2	0	0	13,564	0	0	213,075	0	0	0	0	0
Portugal	0.8	162	23	8	14,190	24	9	66,721	38	27	1,163	1	0
Finland	0.4	6	0	3	22,333	0	0	114,669	0	6	0	0	0
Sweden	0.7	33	0	0	25,426	0	0	12,073	0	0	0	0	0
United Kingdom ⁶	5.0	872	467	13	221,089	599	34	171,585	14	1	945	0	12
TOTAL	40.4	2,570	673	33	1,231,771	1,106	1,254	9,093,284	287	451	57,259	15	365

¹ Source: Eurostat

² Animals reported as BSE clinical suspects

³ Dead-on-farm animals, emergency slaughtered animals, animals sent for normal slaughter but found sick at ante mortem inspection

⁴ Healthy animals subject to normal slaughter

⁵ Birth and rearing cohorts, feed cohorts, offspring of BSE cases, animals from herds with BSE

⁶ GB & Northern Ireland

Source: European Commission Update 26.02.2003