



Animal &
Plant Health
Agency

Age related statistics

April 2019

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Confirmed cases of BSE in United Kingdom by year of birth where known

Year of Birth	Great Britain	Northern Ireland	United Kingdom
1974	1	0	1
1975	0	0	0
1976	2	0	2
1977	10	1	11
1978	6	0	6
1979	41	3	44
1980	102	3	105
1981	262	7	269
1982	1394	6	1400
1983	4463	28	4491
1984	8069	51	8120
1985	11071	170	11241
1986	19755	222	19977
1987	36938	540	37478
1988	22270	488	22758
1989	12748	132	12880
1990	5751	70	5821
1991	4784	50	4834
1992	3540	45	3585
1993	3016	73	3089
1994	2206	106	2312
1995	1118	130	1248
1996	78	33	111
1997	47	11	58
1998	47	6	53
1999	31	5	36
2000	11	4	15
2001	7	1	8
2002	9	0	9
2003	3	3	6
2004	2	0	2
2005	0	0	0
2006	1	0	1
2007	1	0	1
2008	0	0	0
2009	1	0	1
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	1	0	1
Unknown	43350	0	43350
Totals	181136	2188	183324

Data valid to 30 April 2019

Confirmed cases of BSE born after 18 July 1988

(a) Great Britain

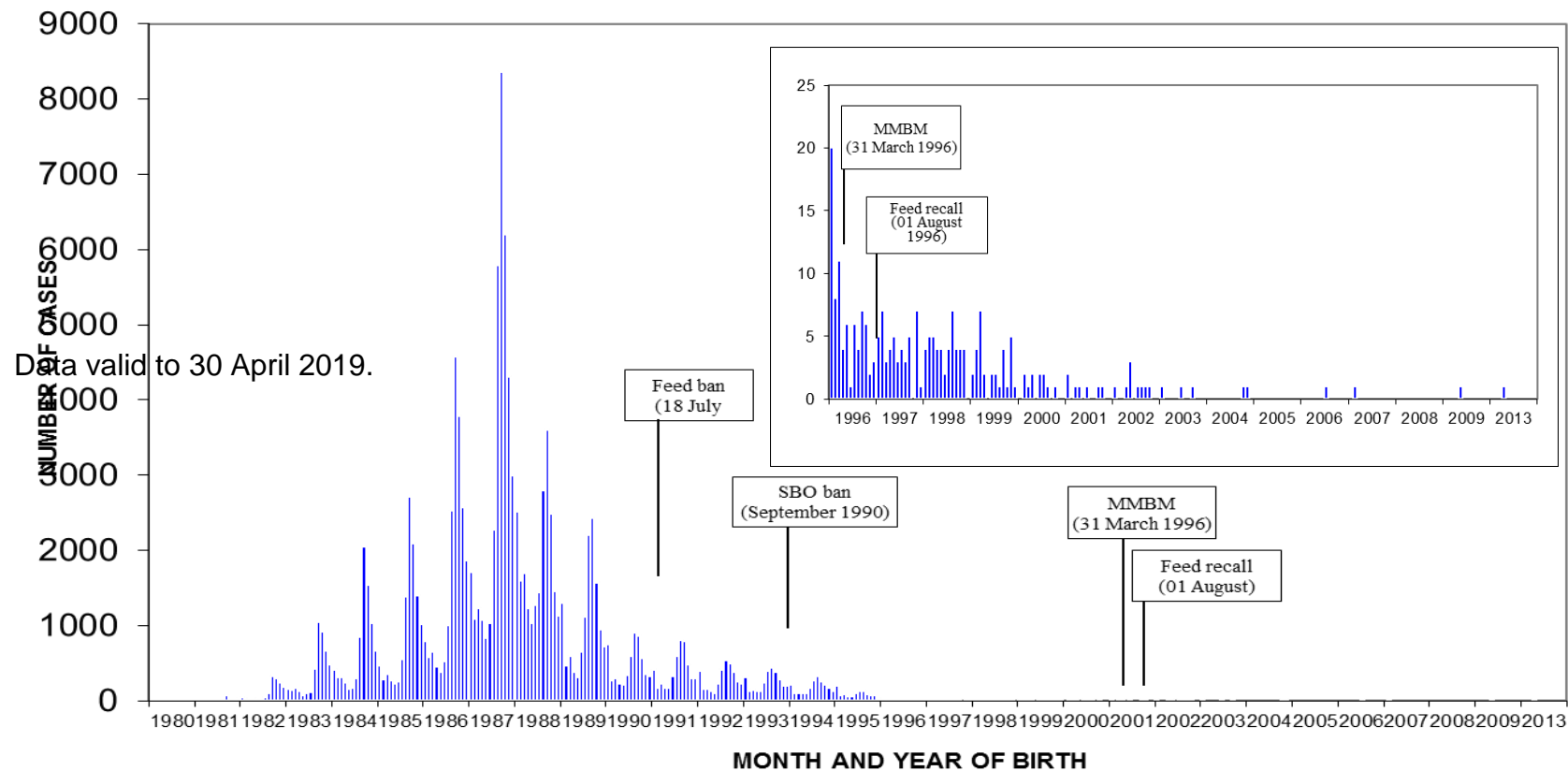
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
Jan	n/a	1308	756	419	405	311	220	198	20	5	4	2	0	2	1	1	0	0	0	0	0	0	0
Feb	n/a	468	274	175	165	125	107	78	8	7	5	4	2	0	0	0	0	0	0	1	0	0	0
Mar	n/a	601	301	235	165	140	104	83	11	3	5	7	1	1	0	0	0	0	0	0	0	0	0
Apr	n/a	389	237	172	130	127	108	67	4	4	4	2	2	1	1	0	0	0	0	0	0	0	1
May	n/a	315	220	168	108	135	107	60	6	5	4	0	0	0	3	0	0	0	0	0	1	1	0
Jun	n/a	654	338	325	231	245	178	100	1	3	2	2	2	1	0	1	0	0	0	0	0	0	0
Jul	516	1120	601	600	415	396	274	133	6	4	4	2	2	0	1	0	0	1	1	0	0	0	0
Aug	2795	2212	913	815	541	439	326	125	4	3	7	1	1	0	1	0	0	0	0	0	0	0	0
Sep	3599	2433	862	790	494	392	257	87	7	5	4	4	0	1	1	1	0	0	0	0	0	0	0
Oct	2484	1567	574	480	387	290	219	74	6	0	4	1	1	1	1	0	1	0	0	0	0	0	0
Nov	1457	957	351	305	263	209	170	77	2	7	4	5	0	0	0	0	1	0	0	0	0	0	0
Dec	1129	724	324	300	236	207	136	36	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	11980	12748	5751	4784	3540	3016	2206	1118	78	47	47	31	11	7	9	3	2	1	1	1	1	1	1

(b) Northern Ireland

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Jan	23	11	7	8	3	13	9	14	0	2	0	0	0	0	0	0
Feb	9	8	7	5	5	8	14	7	0	0	0	1	0	0	0	0
Mar	13	7	1	4	3	9	16	4	0	0	1	1	0	0	0	0
Apr	7	3	3	4	7	5	19	2	0	0	0	1	1	0	1	0
May	1	8	2	1	6	4	10	2	1	1	2	1	0	0	0	0
Jun	4	3	1	4	2	4	10	0	2	1	1	0	0	0	1	0
Jul	1	1	2	2	4	4	9	2	1	0	0	0	0	0	0	0
Aug	3	5	4	1	4	6	4	0	0	0	0	0	0	0	0	1
Sep	3	4	5	1	8		10	1	3	0		0	0	0	0	0
Oct	17	9	10	5	11	19	11	0	0	1	0	0	0	0	0	0
Nov	5	7	0	6	14	4	9	1	2	0	0	0	0	0	0	0
Dec	5	4	8	4	6	13	9	0	1	1	1	0	0	0	0	0
Totals	91	70	50	45	73	89	130	33	11	6	5	4	1	0	3	0

Data valid to 31 December 2018. Note: cases are assigned to month in which the animals were born, not the month in which symptoms first appeared or BSE was confirmed. The table covers cases born after the use of ruminant protein in ruminant feed was banned in Northern Ireland on 11 January 1989.

Confirmed cases of BSE in Great Britain, with known dates of birth, plotted by month of birth



The inset shows 1996 to 2013 on a larger scale as the cases for later years do not show on the scale used in the larger graph

Age at clinical onset in years by birth cohort (Great Britain only)

Birth Cohort	AGE AT CLINICAL ONSET (YEARS) - Known age only										
	1-	2-	3-	4-	5-	6-	7-	8-	9-	10-	11-
Pre-1981	0	0	0	0	0	0	0	0	0	0	0
1981/1982	0	0	0	0	35	102	107	60	44	17	18
1982/1983	0	0	3	118	534	648	332	136	117	58	34
1983/1984	0	2	83	897	1877	1271	564	316	137	81	35
1984/1985	0	5	349	2171	2830	1582	752	341	190	67	28
1985/1986	0	14	680	3587	3930	2519	1085	470	202	71	24
1986/1987	0	36	1530	6724	7677	4542	1811	640	212	74	25
1987/1988	1	60	3346	13202	12753	6546	2294	700	194	81	32
1988/1989	0	19	1068	5137	5671	3033	1136	309	117	55	12
1989/1990	0	21	836	3627	3821	1900	607	157	47	22	16
1990/1991	1	21	406	1695	1716	770	257	96	33	35	38
1991/1992	0	9	411	1477	1327	657	241	91	81	85	49
1992/1993	0	6	235	875	1029	605	235	150	113	78	39
1993/1994	0	3	118	721	811	416	264	193	96	65	33
1994/1995	0	0	108	426	423	387	305	161	71	41	29
1995/1996	0	1	29	86	127	161	98	37	18	12	5
1996/1997	0	0	2	8	14	12	9	3	2	1	1
1997/1998	0	0	1	5	21	3	8	3	1	2	0
1998/1999	0	0	1	10	4	13	2	4	3	0	1
1999/2000	0	0	0	6	4	4	2	3	1	0	0
2000/2001	0	0	0	0	5	2	0	0	0	0	1
2001/2002	0	0	3	0	2	1	0	0	0	0	1
2002/2003	0	0	0	1	3	0	1	0	0	0	0
2003/2004	0	0	0	0	0	1	0	0	0	0	0
2004/2005	0	0	0	0	1	1	0	0	0	0	0
2005/2006	0	0	0	0	0	0	0	0	0	0	0
2006/2007	0	0	0	0	0	2	0	0	0	0	0
2007/2008	0	0	0	0	0	0	0	0	0	0	0
2008/2009	0	0	0	0	0	1	0	0	0	0	0
2009/2010	0	0	0	0	0	0	0	0	0	0	0
2010/2011	0	0	0	0	0	0	0	0	0	0	0
2011/2012	0	0	0	0	0	0	0	0	0	0	0
2012/2013	0	0	0	0	1	0	0	0	0	0	0

The shaded areas represent complete data, where few future changes are expected (except for minor changes associated with corrections to dates of birth of individual cases). Most of the new cases are therefore in the clear cells at the bottom right quadrant of the table. The diagonal row of cells adjacent to the shaded area should be complete by the end of the year.

Please note that this table shows cases where the date of birth can be confirmed.

For passive cases, the table shows the age at onset of disease, for active cases the table shows the age at date of death.

Data valid to 30 April 2019

Confirmed cases resulting from passive and active surveillance in 2018 & 2019 by age¹

Age in Years	GREAT BRITAIN				NORTHERN IRELAND				UNITED KINGDOM			
	Passive Surveillance		Active Surveillance		Passive Surveillance		Active Surveillance		Passive Surveillance		Active Surveillance	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	0	1	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
Unknown ²	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	0	0	0	0	1	0

¹ Age in Years is refers to age at onset of disease for passive surveillance cases and age at date of death for active surveillance cases.

² Age in Years cannot be determined for cases where date of birth is estimated or unknown.

Youngest and oldest cases by year of onset (for passive surveillance cases) and by year of slaughter (for active surveillance cases) – Great Britain only.

NB – the last case in an animal aged 30 months or less was in 1996

Year of onset	Age (mths) youngest case (n)	Age (mths) 2nd youngest case (n)	Age (yrs.mths) 2nd oldest case (n)	Age (yrs.mths) oldest case (n)
1986	30	33	5.03	5.07
1987	30	31	9.09	10
1988	24	27	10.02	11.01(2)
1989	21	24(4)	12(2)	15.04
1990	24(2)	26	13.03	14
1991	24	26(3)	14.02	17.05
1992	20	26	15.02	16.02
1993	29	30(3)	14.1	18.1
1994	30(2)	31(2)	14.05	16.07
1995	24	32	14.09	15.04
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	13.1
2000	40	42	17.08	19.09
2001	45	48	16.01	20.08
2002	47	48(2)	18.04	22.07
2003	46	49	18.07(2)	20.06
2004	49	52	17.04	22.07
2005	36	38	18.01	19.04
2006	48	58	17.05	19.09
2007	62	66(2)	17.03	19
2008	65	69	19.04	20.07
2009	72	86	16.08	18.03
2010	64	72	16.05	17
2011	135	143	12.07	17.11
2012	75	N/A	N/A	20.9
2013	77	138	11.06	12.10
2014	0	0	0	0.00
2015	0	0	0	0.00
2016	0	0	0	0.00
2017	0	0	0	0.00
2018	0	0	0	0.00

Data valid to 30 April 2019

Figures in brackets indicate the number of cases of that age (if more than one).

BSE cases born in Great Britain after the reinforced feed ban

(1 August 1996) – “BARB” Cases – by year reported

Year Reported	Cases
2000	1
2001	11
2002	22
2003	38
2004	22
2005	29
2006	17
2007	14
2008	11
2009	2
2010	5
2011	3
2012	1
2013	3
2014	1
2015	2
2016	0
2017	0
2018	1
Total	183

Data valid to 30 April 2019

Summary of BARB cases in the UK

(Born on or after 01 January 1996)

(a) Great Britain

Year of Birth	Total Restricted	Restrictions lifted	Slaughter not yet notified	Total slaughtered	BSE confirmed	BSE negative	Diagnosis pending	Survey Cases, BSE confirmed
Jan-Jul 1996	203	39	0	164	25	139	0	33
Jul-Dec 1996	203	46	0	157	5	152	0	17
1997	309	55	0	254	14	240	0	33
1998	236	40	0	196	12	184	0	35
1999	175	36	0	139	7	132	0	24
2000	126	21	0	105	3	102	0	8
2001	67	15	0	52	0	52	0	7
2002	63	11	0	52	1	51	0	8
2003	37	8	0	29	0	29	0	3
2004	19	9	0	10	0	10	0	2
2005	6	2	0	4	0	4	0	0
2006	7	2	0	5	0	5	0	1
2007	5	2	0	3	0	3	0	1
2008	6	0	0	6	0	6	0	0
2009	1	1	0	0	0	0	0	1
2010	0	0	0	0	0	0	0	0
2012	1	1	0	0	0	0	0	1
2013	2	1	0	1	0	1	0	1
2015	1	0	0	1	0	1	0	0

Data valid to 30 April 2019

(b) Northern Ireland

Year of Birth	Total	Restrictions	Slaughter	Total	BSE	BSE	Diagnosis	Survey
Jan-Jul 1996	22	3	0	19	9	10	0	22
Jul-Dec 1996	7	0	0	7	0	7	0	2
1997	43	6	0	37	1	36	0	10
1998	25	1	0	24	0	24	0	6
1999	24	4	0	20	0	20	0	5
2000	29	4	0	25	0	25	0	4
2001	29	3	0	17	0	17	0	1
2002	20	3	1	16	0	16	0	0
2003	10	1	0	9	0	9	0	3
2004	3	0	0	3	0	3	0	0
2005	5	1	0	3	0	4	0	0
2006	1	0	0	1	0	1	0	0
2007	3	0	0	3	0	3	0	0
2008	1	1	0	0	0	0	0	0
2009	1	0	0	1	0	1	0	0

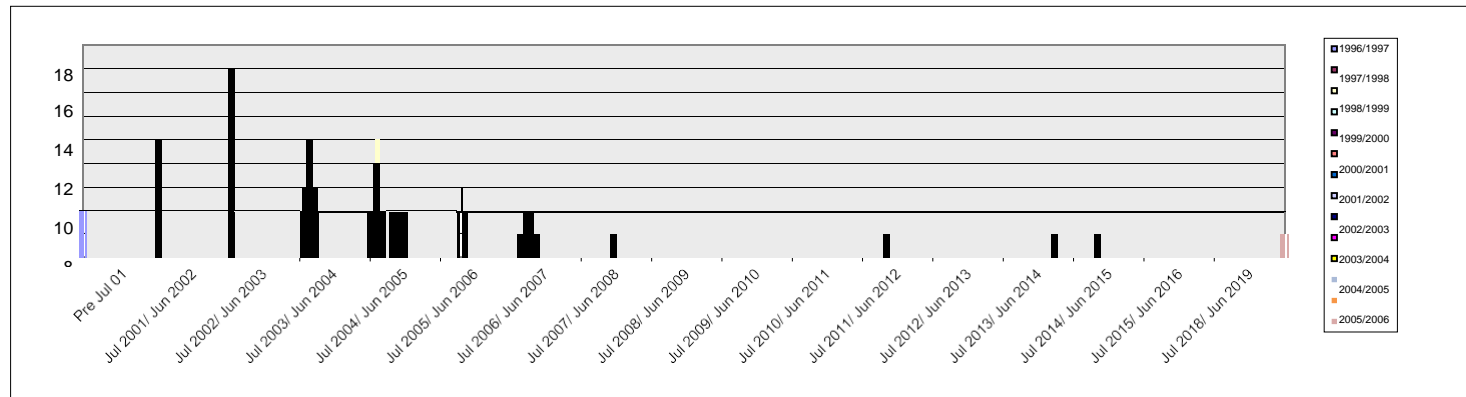
Data valid to 30 April 2019

Confirmed cases of BSE in animals born after 01 August 1996 (BARBS) in Great Britain

		**DATE OF ONSET OF BSE BY COHORT YEAR																	
*Cohort (Jul-Jun)		Pre Jul 01	Jul 2001/ Jun 2002	Jul 2002/ Jun 2003	Jul 2003/ Jun 2004	Jul 2004/ Jun 2005	Jul 2005/ Jun 2006	Jul 2006/ Jun 2007	Jul 2007/ Jun 2008	Jul 2008/ Jun 2009	Jul 2009/ Jun 2010	Jul 2010/ Jun 2011	Jul 2011/ Jun 2012	Jul 2012/ Jun 2013	Jul 2013/ Jun 2014	Jul 2014/ Jun 2015	Jul 2015/ Jun 2016	Jul 2018/ Jun 2019	
*BIRTH COHORT YEAR	1996/1997	4	10	13	10	4	3	2	0	2	0	1	0	0	0	0	0	0	
	1997/1998	0	4	16	8	7	5	2	2	0	0	0	0	0	0	0	0	0	
	1998/1999	0	0	7	6	9	8	4	2	1	1	2	0	0	0	0	0	0	
	1999/2000	0	0	0	4	4	5	3	2	1	1	0	0	1	0	0	0	0	
	2000/2001	0	0	0	0	0	4	2	1	0	0	0	1	0	0	1	0	0	
	2001/2002	0	0	0	0	3	0	0	2	1	0	0	0	0	1	0	0	0	
	2002/2003	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	1	0	
	2003/2004	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	2004/2005	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	
	2005/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2006/2007	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
	2007/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2008/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	2012/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

*Cohorts defined as being born between 1 July in one year and 30 June in the following year

**Date of onset for passive surveillance cases, or date of slaughter for active surveillance





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