



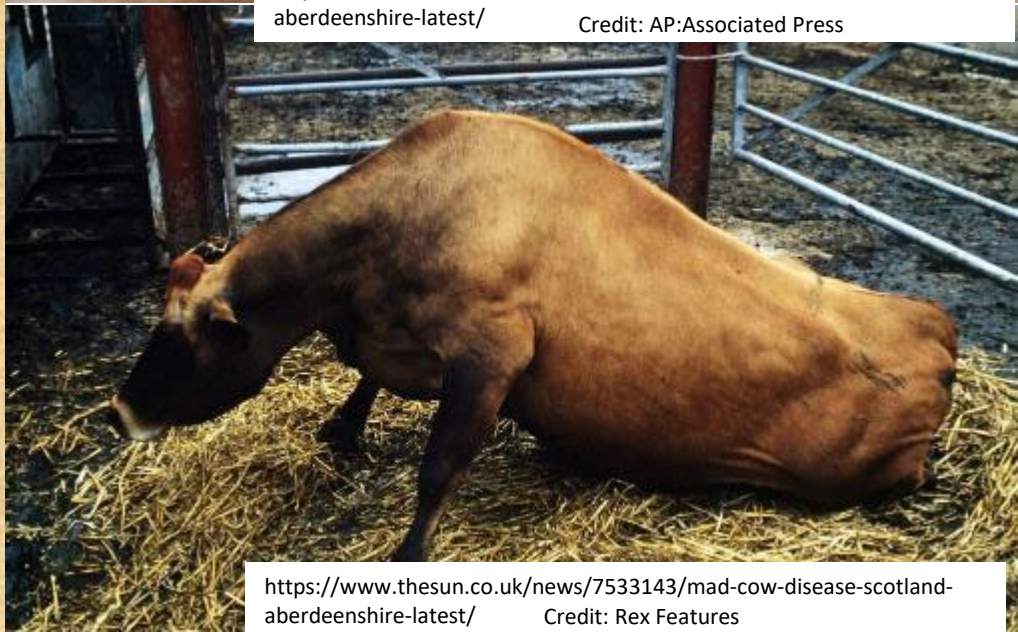
我國監測與措施

牛海綿狀腦病

各國疫情



<https://www.thesun.co.uk/news/7533143/mad-cow-disease-scotland-aberdeenshire-latest/>
Credit: AP:Associated Press



<https://www.thesun.co.uk/news/7533143/mad-cow-disease-scotland-aberdeenshire-latest/>
Credit: Rex Features



世界動物衛生組織

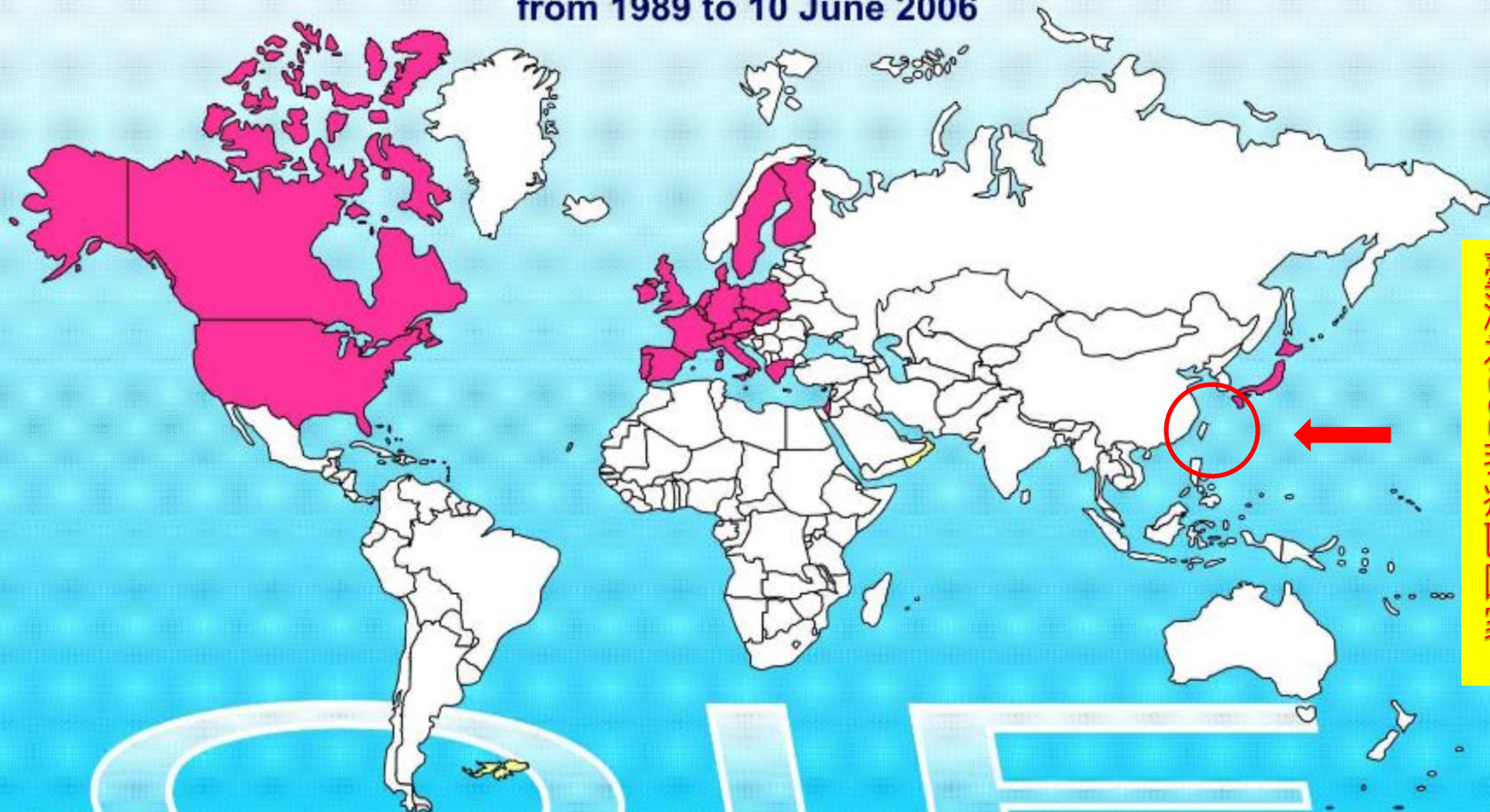
World Organization for Animal Health

- 成立於1924年，總部設在法國巴黎。
- 法文簡稱為**OIE** (Office International des Epizooties)，前稱為「國際畜疫會」。
- 成立宗旨：
 - 維護國際動物及其畜產品之貿易安全。
 - 促進國際間動物衛生合作。
- 我國於1954年加入OIE成為會員。

發生狂牛症的國家



Geographical Distribution of Countries that Reported at least one BSE Confirmed Case from 1989 to 10 June 2006



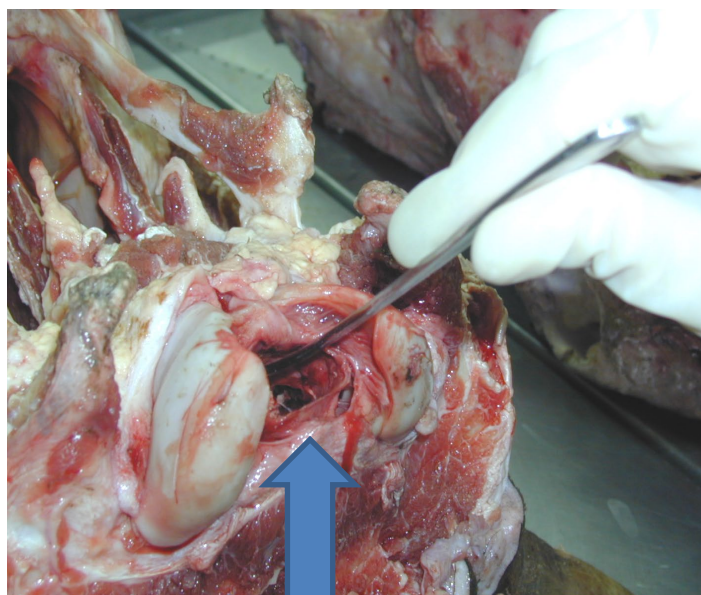
臺灣為BSE非疫區國家

-  Countries having reported BSE in indigenous animals
-  Countries/territories having reported BSE in imported animal(s) only

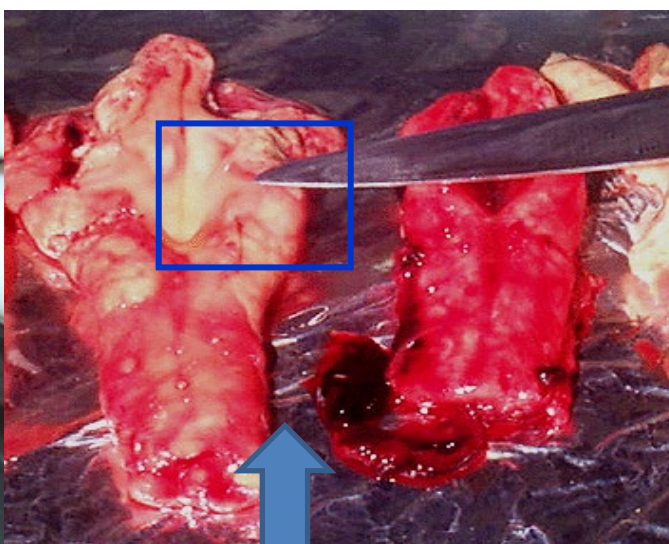


我國歷年BSE監測數目

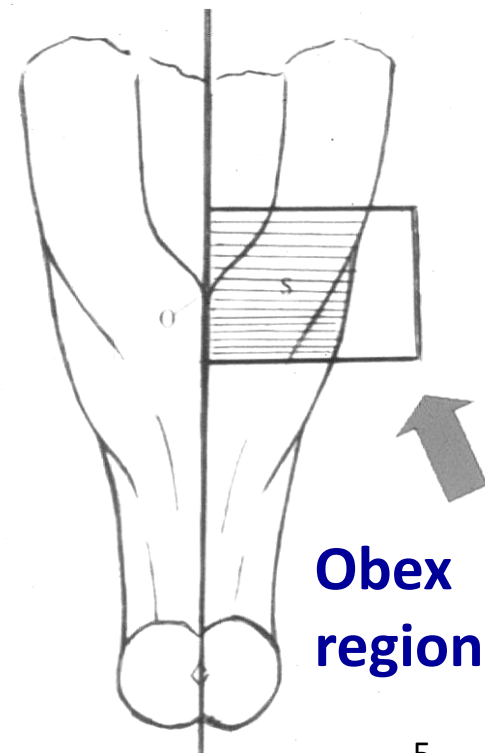
| | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | subtotal | |
|--------------------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----|
| Routine slaughter | 2 | 12 | 12 | 35 | 621 | 1,052 | 826 | 535 | 808 | 296 | 502 | 593 | 649 | 713 | 624 | 687 | 495 | 303 | 176 | 171 | 485 | 84 | 203 | 9,884 | |
| Fallen stock | 7 | 35 | 10 | 7 | 23 | 12 | 28 | 35 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 |
| Casualty slaughter | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 14 | 8 | 16 | 4 | 10 | 16 | 15 | 11 | 30 | 509 | 629 | 631 | 348 | 724 | 610 | 3,581 | |
| Clinical suspect | 1 | 1 | 5 | 0 | 3 | 0 | 0 | 0 | 8 | 13 | 15 | 15 | 15 | 4 | 1 | 0 | 0 | 4 | 8 | 8 | 8 | 9 | 8 | 126 | |
| subtotal | 10 | 48 | 27 | 42 | 647 | 1,064 | 859 | 571 | 831 | 317 | 533 | 612 | 675 | 733 | 643 | 698 | 525 | 816 | 813 | 810 | 841 | 817 | 821 | 13,753 | |



採取腦幹部位

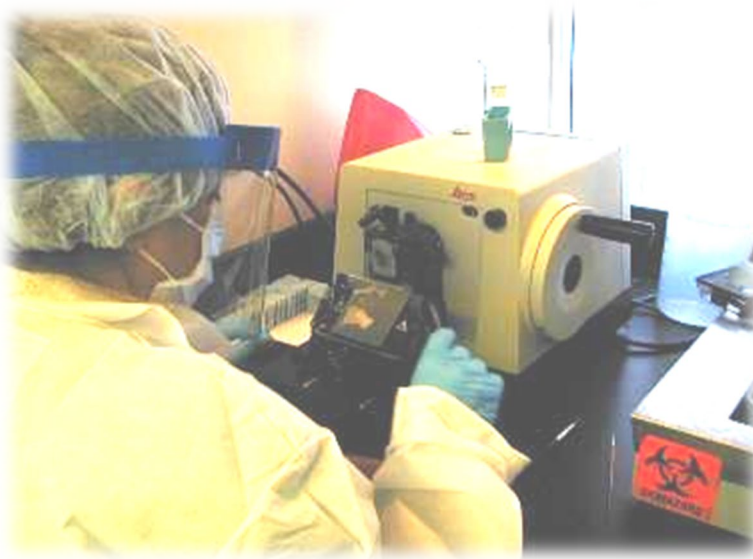


檢測BSE部位，腦門 (Obex)





2001年-美國、俄亥俄州、克里夫蘭





我國申請認定BSE風險狀態案

- 一、第一次遞件申請：2005年10月
- 二、第二次遞件申請：2006年10月
- 三、依OIE要求補送資料：2006年12月
- 四、OIE回復審查意見：2007年2月
- 五、正式認可為風險已控制國家：
2007年5月OIE第76屆年會



行政院農業委員會動植物防疫檢疫局提供

ASIA AND PACIFIC: OIE Members' official BSE risk status map

Last update May 2020



風險可忽略

Members and zone recognised as having a negligible BSE risk

風險已控制

Members recognised as having a controlled BSE risk

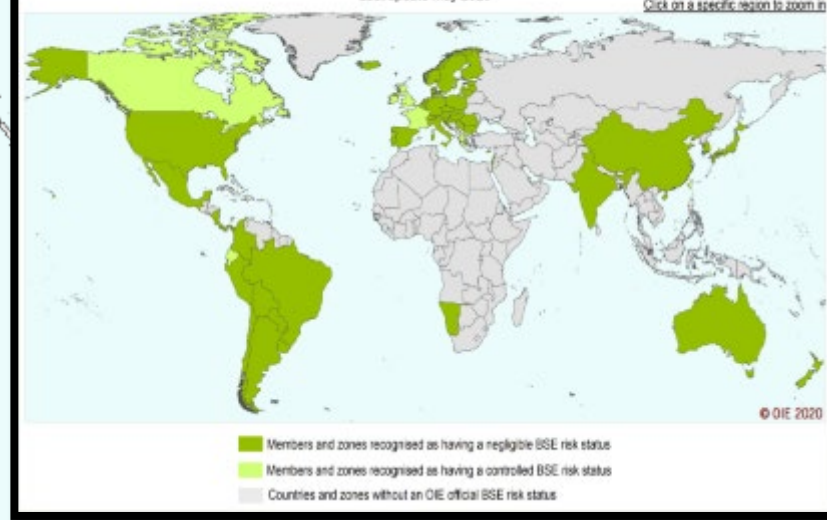
風險未定

Countries and zones without an OIE official BSE risk status

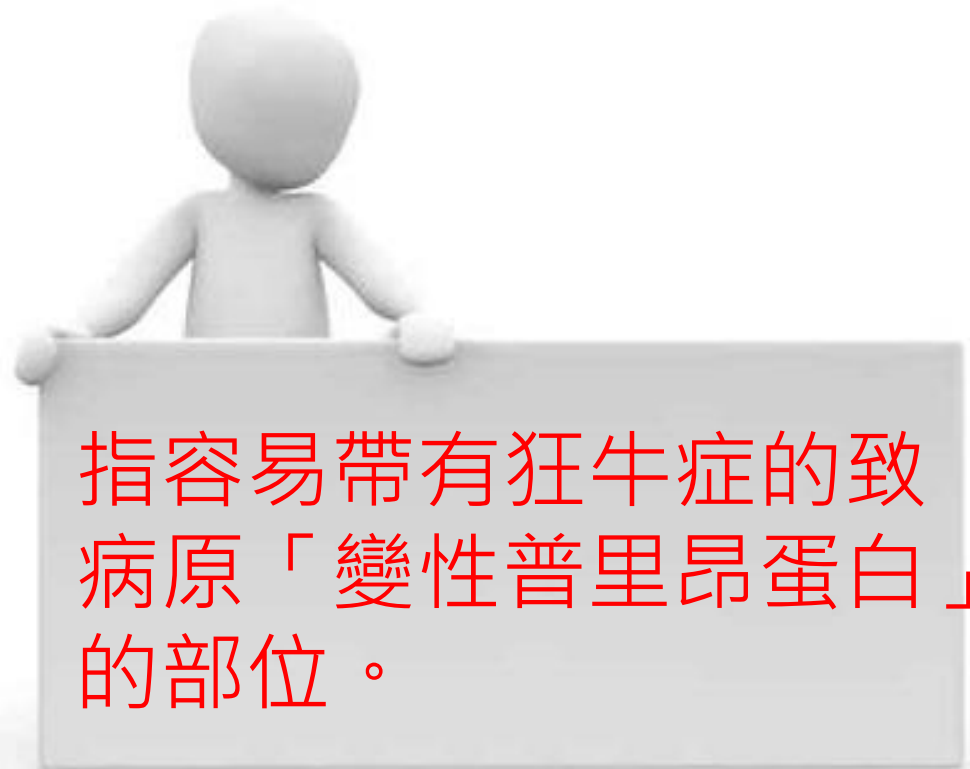
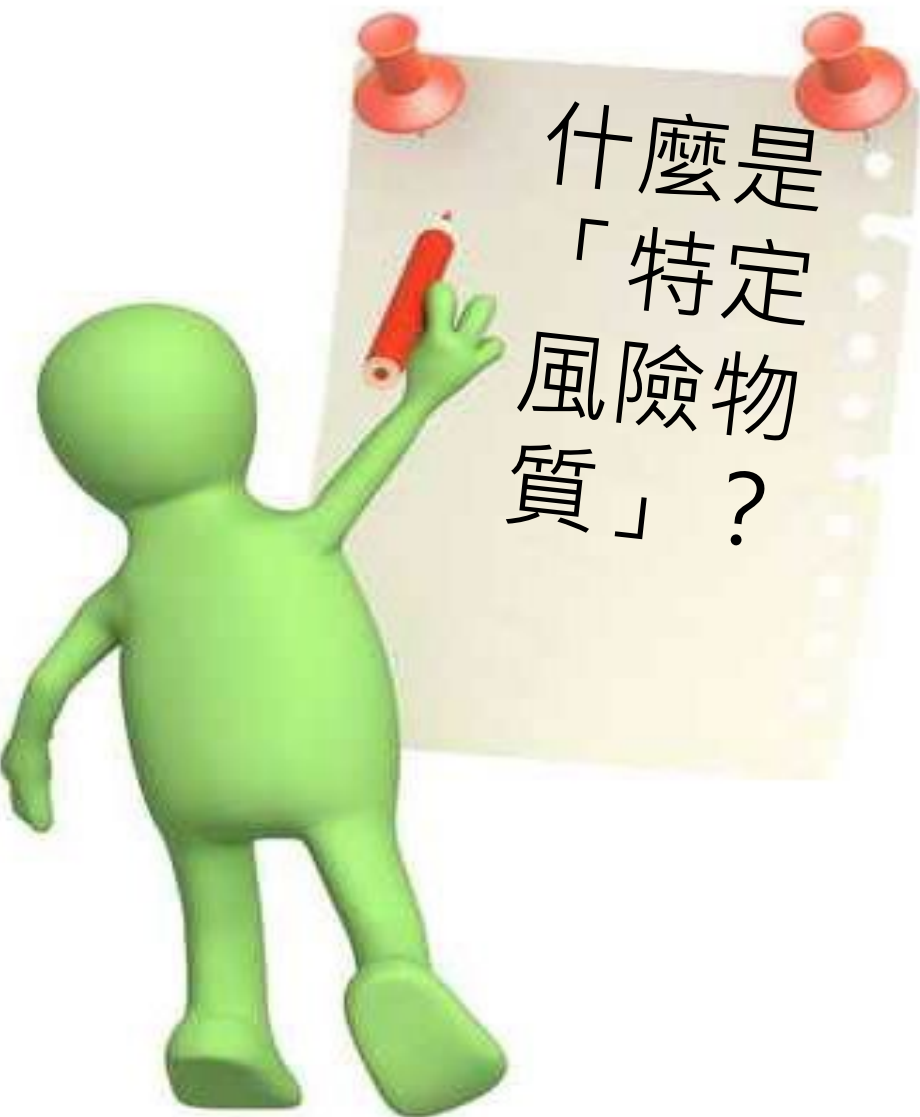
OIE Members' official BSE risk status map

Last update May 2020

Click on a specific region to zoom in



Members and zones recognised as having a negligible BSE risk status
Members and zones recognised as having a controlled BSE risk status
Countries and zones without an OIE official BSE risk status



避開SRMs，就不易得新型庫賈氏症



BSE發生後我國採取的措施

- 1990年，我國禁止疫區國家輸入種牛、種羊、肉骨粉、肉粉、骨粉、血粉和牛羊之胚、血清。
- 1997年起公告禁止國內反芻動物肉骨粉用在反芻動物飼料上，也禁止動物油脂及相關產製區，從疫區輸入到台灣。
- 2001年依飼料管理法，禁止肉骨粉、肉粉、骨粉、禽肉粉及血粉等飼料原料使用在反芻動物配合飼料上。
- 加強國內BSE監測工作。

Two blue, 3D-rendered human figures are standing on either side of a large, light-colored rectangular sign. They are holding the sign up, with their hands on the top and bottom edges. The sign is the central focus of the image.

**認識狂牛症
放心吃牛肉**



未來因吃牛肉 感染vCJD 的人， 即將消失！

自1986年發生狂牛症已近35年了，但全球感染新變異型庫賈氏症的，也僅有232個人，英國占大部分有178個，大部病例都集中在1996至2004年發生，共有145個病例，2011年有5例，2013及2016年只有1例，**2017年之後無病例。**

CREUTZFELDT-JAKOB DISEASE IN THE UK (By Calendar Year)

| REFERRALS OF SUSPECT CJD | | DEATHS OF DEFINITE AND PROBABLE CJD | | | | | |
|--------------------------|-------------------|-------------------------------------|-----------------------|------------|----------------------|------------|--------------|
| Year | Referrals | Year | Sporadic ¹ | Iatrogenic | Genetic ² | vCJD | Total Deaths |
| 1990 | [53] [†] | 1990 | 28 | 5 | 0 | - | 33 |
| 1991 | 75 | 1991 | 31 | 1 | 4 | - | 36 |
| 1992 | 96 | 1992 | 45 | 2 | 6 | - | 53 |
| 1993 | 79 | 1993 | 36 | 4 | 7 | - | 47 |
| 1994 | 119 | 1994 | 53 | 1 | 9 | - | 63 |
| 1995 | 87 | 1995 | 35 | 4 | 5 | 3 | 47 |
| 1996 | 132 | 1996 | 40 | 4 | 6 | 10 | 60 |
| 1997 | 163 | 1997 | 59 | 6 | 7 | 10 | 82 |
| 1998 | 155 | 1998 | 64 | 3 | 5 | 18 | 90 |
| 1999 | 170 | 1999 | 62 | 6 | 2 | 15 | 85 |
| 2000 | 178 | 2000 | 48 | 1 | 3 | 28 | 80 |
| 2001 | 179 | 2001 | 58 | 4 | 6 | 20 | 88 |
| 2002 | 164 | 2002 | 73 | 0 | 5 | 17 | 95 |
| 2003 | 162 | 2003 | 79 | 5 | 6 | 18 | 108 |
| 2004 | 114 | 2004 | 50 | 2 | 6 | 9 | 67 |
| 2005 | 124 | 2005 | 67 | 4 | 13 | 5 | 89 |
| 2006 | 112 | 2006 | 68 | 1 | 9 | 5 | 83 |
| 2007 | 119 | 2007 | 63 | 2 | 11 | 5 | 81 |
| 2008 | 150 | 2008 | 84 | 5 | 6 | 2 | 97 |
| 2009 | 153 | 2009 | 78 | 2 | 8 | 3 | 91 |
| 2010 | 150 | 2010 | 85 | 3 | 6 | 3 | 97 |
| 2011 | 158 | 2011 | 91 | 4 | 14 | 5 | 114 |
| 2012 | 127 | 2012 | 93 | 5 | 11 | 0 | 109 |
| 2013 | 152 | 2013 | 108 | 2 | 10 | 1 | 121 |
| 2014 | 130 | 2014 | 100 | 3 | 13 | 0 | 116 |
| 2015 | 140 | 2015 | 105 | 0 | 4 | 0 | 109 |
| 2016 | 148 | 2016 | 118 | 1 | 6 | 1 | 126 |
| 2017 | 159 | 2017 | 122 | 0 | 12 | 0 | 134 |
| 2018 | 167 | 2018 | 137 | 2 | 12 | 0 | 151 |
| 2019 | 142 | 2019 | 127 | 1 | 6 | 0 | 134 |
| 2020 | 117 | 2020 | 89 | 1 | 5 | 0 | 95 |
| Total Referrals | 4174 | Total Deaths | 2296 | 84 | 223 | 178 | 2781 |

[†] Referral figure for 1990 is from 1 May onwards

^{*} As at 7th September 2020

Summary of vCJD cases

Deaths

| | |
|---|------------|
| Deaths from definite vCJD (confirmed): | 123 |
| Deaths from probable vCJD (without neuropathological confirmation): | 55 |
| Deaths from probable vCJD (neuropathological confirmation pending): | 0 |
| Number of deaths from definite or probable vCJD (as above): | 178 |

Alive

| | |
|--|------------|
| Number of definite/probable vCJD cases still alive: | 0 |
| Total number of definite or probable vCJD (dead and alive): | 178 |

¹ There are in addition a total of 17 cases of vPSPr (death in 1997(1 case), 2004(1), 2006(1), 2008(3), 2010(1),