

# National Prion Disease Pathology Surveillance Center Cases Examined<sup>1</sup>

(April 8<sup>th</sup>, 2024)

Year	Total Referrals <sup>2</sup>	Prion Disease	Sporadic	Familial	iCJD	vCJD
<b>1999 &amp; earlier</b>	384	232	202	27	3	0
<b>2000</b>	145	102	90	12	0	0
<b>2001</b>	209	118	110	8	0	0
<b>2002</b>	241	144	124	18	2	0
<b>2003</b>	259	160	137	21	2	0
<b>2004</b>	315	180	163	16	0	1 <sup>3</sup>
<b>2005</b>	330	179	157	21	1	0
<b>2006</b>	365	179	159	17	1	2 <sup>4</sup>
<b>2007</b>	374	210	191	19	0	0
<b>2008</b>	384	221	205	16	0	0
<b>2009</b>	397	231	210	20	1	0
<b>2010</b>	402	247	219	28	0	0
<b>2011</b>	392	238	214	24	0	0
<b>2012</b>	413	244	221	23	0	0
<b>2013</b>	416	258	223	34	1	0
<b>2014</b>	355	208	185	21	1	1 <sup>5</sup>
<b>2015</b>	401	262	243	19	0	0
<b>2016</b>	396	278	248	29	0	0
<b>2017</b>	376	266	247	19	0	0
<b>2018</b>	311	221	202	18	1	0
<b>2019</b>	437	281	259	22	0	0
<b>2020</b>	367	253	228	24	1	0
<b>2021</b>	345	248	226	22	0	0
<b>2022</b>	341	229	207	21	0	0
<b>2023</b>	326	229	203	15	1	0
<b>2024</b>	68	17	13	0	0	0
<b>TOTAL</b>	<b>8749<sup>6</sup></b>	<b>5435<sup>7</sup></b>	<b>4886<sup>8</sup></b>	<b>514<sup>9</sup></b>	<b>15</b>	<b>4</b>

Year	CSF Only & RT-QuIC Positive <sup>10</sup>
<b>2015</b>	140
<b>2016</b>	187
<b>2017</b>	227
<b>2018</b>	266
<b>2019</b>	309
<b>2020</b>	308
<b>2021</b>	328
<b>2022</b>	342
<b>2023</b>	347
<b>2024</b>	346
<b>TOTAL</b>	<b>2575</b>

<sup>1</sup> Listed based on the year of death or, if not available, on year of referral; <sup>2</sup> Cases with suspected prion disease for which brain tissue and/or blood (in familial cases) were submitted. Includes **31** autopsy coordinated cases pending tissue receipt; <sup>3</sup> Disease acquired in the United Kingdom; <sup>4</sup> Disease acquired in the United Kingdom in one case and in Saudi Arabia in the other; <sup>5</sup> Disease possibly acquired in a Middle Eastern or Eastern European country; <sup>6</sup> Includes **40** cases in which the diagnosis is pending (1 from **2022**, **10** from **2023** and **28** from **2024**), and **20** inconclusive cases; <sup>7</sup> Includes **16** (1 from **2022**, **10** from **2023**, and **4** from **2024**) cases with type determination pending in which the diagnosis of vCJD has been excluded. <sup>8</sup> The sporadic cases include **4758** cases of sporadic Creutzfeldt-Jakob disease (sCJD), **88** cases of Variably Protease-Sensitive Prionopathy (VPSP) and **40** cases of sporadic Fatal Insomnia (sFI). <sup>9</sup> Total does not include **321** Familial cases diagnosed by blood only. <sup>10</sup> Lists number of patients who have had a positive RT-QuIC and no neuropath examination.