

CREUTZFELDT-JAKOB DISEASE (CJD) AND RELATED DISEASES IN ITALY

(As at 30 of June 2025)

| REFERRALS OF SUSPECTED CASES | | DEATHS OF DEFINITE AND PROBABLE CJD | | | | | | | |
|------------------------------|-------------|-------------------------------------|--------------|---------------|------------------|------------------|-----------------------------|--------------------------|--------------|
| Year | Referrals | Year | Sporadic CJD | Genetic forms | | | Iatrogenic CJD ³ | Variant CJD ⁴ | Total Deaths |
| | | | | Genetic CJD | GSS ¹ | FFI ² | | | |
| 1993 | 51 | 1993 | 27 | 6 | 1 | 2 | 0 | 0 | 36 |
| 1994 | 62 | 1994 | 33 | 7 | 0 | 1 | 0 | 0 | 41 |
| 1995 | 52 | 1995 | 28 | 6 | 3 | 1 | 0 | 0 | 38 |
| 1996 | 77 | 1996 | 51 | 8 | 1 | 1 | 0 | 0 | 61 |
| 1997 | 139 | 1997 | 49 | 12 | 0 | 1 | 1 | 0 | 63 |
| 1998 | 143 | 1998 | 63 | 10 | 0 | 1 | 2 | 0 | 76 |
| 1999 | 192 | 1999 | 74 | 20 | 0 | 0 | 0 | 0 | 94 |
| 2000 | 177 | 2000 | 60 | 23 | 4 | 3 | 0 | 0 | 90 |
| 2001 | 219 | 2001 | 87 | 13 | 1 | 0 | 0 | 0 | 101 |
| 2002 | 201 | 2002 | 76 | 14 | 3 | 0 | 0 | 0 | 93 |
| 2003 | 192 | 2003 | 81 | 9 | 1 | 1 | 0 | 1 | 93 |
| 2004 | 176 | 2004 | 77 | 21 | 3 | 0 | 0 | 0 | 101 |
| 2005 | 236 | 2005 | 107 | 22 | 4 | 0 | 1 | 0 | 134 |
| 2006 | 238 | 2006 | 97 | 32 | 6 | 2 | 1 | 0 | 138 |
| 2007 | 208 | 2007 | 99 | 18 | 2 | 0 | 1 | 0 | 120 |
| 2008 | 217 | 2008 | 96 | 12 | 1 | 1 | 0 | 0 | 110 |
| 2009 | 191 | 2009 | 109 | 16 | 3 | 1 | 0 | 0 | 129 |
| 2010 | 216 | 2010 | 115 | 17 | 9 | 0 | 1 | 0 | 142 |
| 2011 | 220 | 2011 | 125 | 29 | 4 | 0 | 0 | 1 | 159 |
| 2012 | 230 | 2012 | 120 | 27 | 2 | 0 | 1 | 0 | 150 |
| 2013 | 234 | 2013 | 103 | 30 | 3 | 0 | 0 | 0 | 136 |
| 2014 | 245 | 2014 | 121 | 11 | 4 | 1 | 1 | 0 | 138 |
| 2015 | 280 | 2015 | 131 | 32 | 8 | 0 | 0 | 0 | 171 |
| 2016 | 244 | 2016 | 112 | 25 | 2 | 0 | 0 | 1 | 140 |
| 2017 | 305 | 2017 | 170 | 26 | 3 | 1 | 1 | 0 | 201 |
| 2018 | 295 | 2018 | 168 | 22 | 3 | 2 | 0 | 0 | 196 |
| 2019 | 306 | 2019 | 161 | 28 | 2 | 1 | 0 | 0 | 192 |
| 2020 | 275 | 2020 | 135 | 18 | 3 | 0 | 1 | 0 | 157 |
| 2021 | 400 | 2021 | 134 | 16 | 2 | 2 | 0 | 0 | 154 |
| 2022 | 271 | 2022 | 107 | 13 | 1 | 2 | 0 | 0 | 123 |
| 2023 | 283 | 2023 | 79 | 18 | 2 | 0 | 0 | 0 | 99 |
| 2024 | 268 | 2024 | 64 | 17 | 1 | 0 | 0 | 0 | 82 |
| 2025 | 181 | 2025 | 13 | 8 | 0 | 0 | 0 | 0 | 21 |
| Total referrals | 7025 | Total deaths | 3073 | 587 | 82 | 24 | 11 | 3 | 3780 |

¹GSS, Gerstmann-Sträussler-Scheinker disease

²FFI, Fatal Familial insomnia

³All iatrogenic CJD cases are related to dura mater implants.

⁴All patients were likely infected in Italy through the consumption of BSE-contaminated food. However, the patient deceased in 2016 had been working in a prion research laboratory where he/she had been in contact with human brain tissues infected with variant CJD and bovine brain tissues infected with typical and atypical BSE. Therefore, it cannot be excluded that this patient was infected

during laboratory routine activities, although epidemiological investigations failed to reveal any reported laboratory accident.