

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

(As at 29th of February 2024)

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	28	4	0	0	1	158
2012	230	2012	121	27	2	0	1	0	151
2013	234	2013	103	30	3	0	0	0	136
2014	245	2014	120	11	4	1	1	0	137
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	165	22	3	2	0	0	193
2019	306	2019	156	28	2	1	0	0	187
2020	275	2020	134	18	3	0	1	0	156
2021	400	2021	121	16	1	2	0	0	140
2022	271	2022	92	13	1	2	0	0	108
2023	283	2023	46	12	2	0	0	0	60
2024	53	2024	3	1	0	0	0	0	4
Total referrals	6629	Total deaths	2928	556	80	24	11	3	3598

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.