

Supplementary Material

A National Survey of Centers for Cognitive Disorders and Dementias in Italy

Supplementary Table 1. Estimated dementia cases, by sex and age group, in each Italian region in January 2019.

Age	Men			Women		
	Prevalence (%) [*]	Residents (n=) [§]	EDC (n=) [#]	Prevalence (%) [*]	Residents (n=) [§]	EDC (n=) [#]
65-69	0.9	1,662,603	14,963	1.1	1,828,370	20,112
70-74	2.1	1,511,424	31,740	2.2	1,722,428	37,893
75-79	4.6	1,215,576	55,916	5.6	1,513,105	84,734
80-84	9.0	900,445	81,040	13.3	1,276,137	169,726
85-89	13.9	495,508	68,876	26.4	883,456	233,232
≥90	31.2	209,328	65,310	38.9	565,200	219,863
Total		5,994,884	317,846		7,788,696	765,561

EDC, estimated dementia cases.

^{*}Age- and sex-specific prevalence rates were taken from: Bacigalupo I, Mayer F, Lacorte E, Di Pucchio A, Marzolini F, Canevelli M, Di Fiandra T, Vanacore N (2018) Systematic review and meta-analysis on the prevalence of dementia in Europe: Estimates from the highest-quality studies adopting the DSM IV diagnostic criteria. *J Alzheimers Dis* **66**, 1471–1481.

[§]Source: ISTAT (<https://demenze.iss.it/>). Data are updated to 2019.

[#]EDC were calculated by multiplying the number of residents with the age- and sex-specific dementia prevalence rates.

Supplementary Table 2. Estimated dementia cases, by sex and age group, in each Italian region in January 2019.

Region	Piemonte				Valle D'Aosta				Lombardia				Trentino Alto Adige			
	Men		Women		Men		Women		Men		Women		Men		Women	
Age	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC
65-69	129,114	1,162	140,952	1,550	3,778	34	3,916	43	270,161	2,431	297,068	3,268	27,500	248	28,980	319
70-74	119,695	2,514	135,069	2,972	3,298	69	3,530	78	247,323	5,194	283,168	6,230	24,253	509	26,996	594
75-79	100,170	4,608	124,621	6,979	2,807	129	3,316	186	205,969	9,475	257,776	14,435	21,077	970	25,529	1,430
80-84	77,037	6,933	107,161	14,252	1,886	170	2,751	366	148,826	13,394	215,032	28,599	13,805	1,242	19,448	2,587
85-89	41,324	5,744	74,980	19,795	1,046	145	1,960	517	77,087	10,715	147,296	38,886	8,010	1,113	14,207	3,751
>90	16,222	5,061	46,397	18,048	409	128	1,267	493	29,922	9,336	93,208	36,258	3,580	1,117	10,033	3,903
Total	483,562	26,022	629,180	63,596	13,224	675	16,740	1,683	979,288	50,545	1,293,548	127,676	98,225	5,199	125,193	12,582
Region	Veneto				Friuli Venezia Giulia				Liguria				Emilia Romagna			
	Men		Women		Men		Women		Men		Women		Men		Women	
Age	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC
65-69	136,521	1,229	146,153	1,608	35,863	323	40,085	441	46,158	415	51,990	572	118,848	1,070	134,258	1,477
70-74	123,787	2,600	138,898	3,056	35,082	737	39,802	876	45,436	954	53,715	1,182	113,908	2,392	129,639	2,852
75-79	103,508	4,761	125,973	7,054	29,915	1,376	36,784	2,060	39,451	1,815	50,885	2,850	94,926	4,367	116,151	6,504
80-84	72,311	6,508	102,933	13,690	20,333	1,830	29,274	3,893	30,288	2,726	44,403	5,906	74,463	6,702	101,972	13,562
85-89	37,317	5,187	70,770	18,683	10,528	1,463	20,224	5,339	17,528	2,436	32,461	8,570	42,137	5,857	71,582	18,898
>90	15,629	4,876	48,205	18,752	4,796	1,496	15,170	5,901	7,743	2,416	21,704	8,443	19,210	5,994	50,878	19,792
Total	489,073	25,161	632,932	62,843	136,517	7,225	181,339	18,510	186,604	10,762	255,158	27,521	463,492	26,381	604,480	63,085
Region	Toscana				Umbria				Marche				Lazio			
	Men		Women		Men		Women		Men		Women		Men		Women	
Age	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC
65-69	105,510	950	116,835	1,285	25,608	230	28,213	310	43,866	395	47,686	525	152,121	1,369	173,256	1,906
70-74	103,764	2,179	119,169	2,622	23,735	498	26,835	590	39,068	820	43,898	966	137,264	2,883	163,087	3,588
75-79	83,518	3,842	103,970	5,822	20,189	929	24,200	1,355	32,925	1,515	40,366	2,260	111,618	5,134	143,913	8,059
80-84	65,038	5,853	89,908	11,958	15,548	1,399	21,722	2,889	26,878	2,419	37,194	4,947	82,708	7,444	119,002	15,827
85-89	36,358	5,054	63,126	16,665	9,067	1,260	15,578	4,113	15,190	2,111	25,950	6,851	45,247	6,289	79,254	20,923
>90	16,398	5,116	43,494	16,919	4,132	1,289	10,803	4,202	7,076	2,208	18,224	7,089	19,125	5,967	49,335	19,191
Total	410,586	22,994	536,502	55,271	98,279	5,606	127,351	13,460	165,003	9,468	213,318	22,638	548,083	29,086	727,847	69,494
Region	Abruzzo				Molise				Campania				Puglia			
	Men		Women		Men		Women		Men		Women		Men		Women	
Age	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC
65-69	38,340	345	41,881	461	9,502	86	9,943	109	148,087	1,333	161,655	1,778	112,534	1,013	124,019	1,364
70-74	33,592	705	37,231	819	7,981	168	8,546	188	127,816	2,684	144,783	3,185	101,908	2,140	116,199	2,556
75-79	26,620	1,225	32,065	1,796	5,984	275	7,358	412	90,940	4,183	116,528	6,526	76,777	3,532	93,966	5,262
80-84	21,125	1,901	28,710	3,818	5,053	455	7,202	958	62,851	5,657	93,145	12,388	56,024	5,042	78,588	10,452
85-89	12,464	1,732	21,176	5,590	3,104	431	5,505	1,453	34,405	4,782	62,541	16,511	31,487	4,377	53,136	14,028
>90	5,500	1,716	13,760	5,353	1,430	446	3,679	1,431	13,426	4,189	34,929	13,587	13,463	4,200	31,691	12,328

Total	137,641	7,625	174,823	17,837	33,054	1,861	4,2233	4,552	477,525	22,828	613,581	53,975	392,193	20,304	497,599	45,991
Region	Basilicata				Calabria				Sicilia				Sardegna			
	Men		Women		Men		Women		Men		Women		Men		Women	
Age	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC	N	EDC
65-69	16,693	150	17,563	193	55,848	503	58,819	647	135,311	1,218	150,381	1,654	51,240	461	54,717	602
70-74	13,308	279	15,009	330	46,724	981	50,730	1,116	119,619	2,512	137,435	3,024	43,863	921	48,689	1,071
75-79	10,431	480	12,697	711	35,304	1,624	41,602	2,330	88,980	4,093	112,213	6,284	34,467	1,585	43,192	2,419
80-84	9,028	813	12,786	1,701	27,537	2,478	37,617	5,003	66,544	5,989	94,100	12,515	23,162	2,085	33,189	4,414
85-89	5,407	752	8,941	2,360	16,365	2,275	26,921	7,107	38,010	5,283	64,625	17,061	13,427	1,866	23,223	6,131
>90	2,388	745	5,144	2,001	7,106	2,217	15,840	6,162	15,814	4,934	36,953	14,375	5,959	1,859	14,486	5,635
Total	57,255	3,219	72,140	7,296	188,884	10,078	231,529	22,365	464,278	24,029	595,707	54,913	172,118	8,778	217,496	20,272

EDC, estimated dementia cases; N, number of residents.

N was derived from: ISTAT (<http://demo.istat.it/>). Data are updated to 2019. EDC were calculated by multiplying the number of residents with the age- and sex-specific dementia prevalence rates.

Supplementary Table 3. Estimated mean number of dementia cases per CCDD at the regional level.

Region	EDC (n=)	CCDD (n=)	Mean EDC per CCDD (n=)
Piemonte	89,618	31	2,891
Valle d'Aosta	2,358	4	589
Liguria	38,284	21	1,823
Lombardia	178,221	72	2,475
Trentino Alto Adige	17,782	12	1,482
Veneto	88,004	41	2,146
Friuli Venezia Giulia	25,735	18	1,430
Emilia Romagna	89,465	61	1,467
Marche	32,105	14	2,293
Toscana	78,265	24	3,261
Umbria	19,066	31	615
Lazio	98,581	34	2,899
Campania	76,803	78	985
Abruzzo	25,462	11	2,315
Molise	6,413	3	2,138
Puglia	66,295	31	2,139
Basilicata	10,515	3	3,505
Calabria	32,443	36	901
Sicilia	78,942	37	2,134
Sardegna	29,050	15	1,937

EDC, estimated dementia cases