



Botulism

Number of cases

Countries	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
EU-27	233	300	247	269	181	305	241	210	207	155
Belgium	1	3	0	0	0	0	0	1	0	0
Bulgaria	13	22	7	11	7	12	4	2	4	8
Czech Republic	0	6	5	2	1	8	0	0	4	0
Denmark	0	1	0	0	0	1	0	0	0	0
Germany	9	23	19	11	8	11	27	32	24	7
Estonia	3	1	0	1	1	4	0	1	0	0
Ireland	:	:	:	:	:	:	:	0	0	1
Greece	0	0	0	0	1	1	1	1	1	2
Spain	7	13	7	9	13	6	6	5	15	4
France	23	26	32	28	29	33	43	21	23	9
Italy	43	33	21	20	27	15	21	27	22	12
Cyprus	:	:	:	:	:	:	:	0	0	0
Latvia	1	3	6	1	1	0	0	0	0	0
Lithuania	16	13	21	15	3	102	6	9	5	3
Luxembourg	:	:	:	:	:	:	:	:	0	0
Hungary	18	19	20	14	12	5	7	8	5	6
Malta	:	:	0	0	:	:	:	:	:	0
Netherlands	0	0	0	3	2	1	1	0	0	1
Austria	0	0	0	1	1	0	0	0	3	5
Poland	81	93	97	72	66	85	78	53	46	50
Portugal	:	:	2	31	2	:	8	8	7	9
Romania	13	40	:	:	:	:	19	:	18	14
Slovenia	2	1	6	1	0	0	3	0	1	0
Slovakia	3	1	4	43	3	0	0	0	0	0
Finland	0	0	0	1	0	0	0	0	0	:
Sweden	0	0	0	0	0	0	2	0	0	2
United Kingdom	0	2	0	5	4	21	15	42	29	22
Croatia	1	13	3	5	8	3	13	1	2	0
former Yugoslav Republic of Macedonia, the	:	:	:	:	:	0	0	0	0	0
Turkey	:	:	96	18	:	:	:	7	:	:
Iceland	0	1	2	3	0	0	0	0	0	0
Norway	8	6	4	1	0	1	7	1	5	2
Switzerland	1	0	0	3	:	2	0	2	0	2
Albania	0	0	0	0	0	0	0	0	0	0
Bosnia and Herzegovina	0	0	0	0	0	0	0	1	0	0
Montenegro	:	:	:	:	:	:	:	:	:	0
Serbia	:	:	:	:	:	:	:	8	10	6
Canada	19	7	4	4	5	10	6	:	2	10
United States	132	116	154	138	155	118	129	133	135	48
Japan	4	18	:	:	:	:	0	0	3	2

Source: Joint Questionnaire DG SANCO / Eurostat (for the European countries) until 2005 and ECDC (the European Centre for Disease Prevention and Control) from 2006 onwards, Public Health Agency of Canada (for Canada), CDC (for the USA) and Infectious Diseases Surveillance Center (for Japan)

Indicator No. 18-Bot (SL88) updated by SANCO.C.2 in March 2009



Botulism

Incidence per 100,000 of population

Countries	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
EU-27	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Belgium	0.0	0.0	-	-	-	-	-	0.0	-	-
Bulgaria	0.2	0.3	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1
Czech Republic	-	0.1	0.0	0.0	0.0	0.1	-	-	0.0	-
Denmark	-	0.0	-	-	-	0.0	-	-	-	-
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Estonia	0.2	0.1	-	0.1	0.1	0.3	-	0.1	-	-
Ireland	:	:	:	:	:	:	:	-	-	0.0
Greece	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
Spain	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
France	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Italy	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyprus	:	:	:	:	:	:	:	-	-	-
Latvia	0.0	0.1	0.3	0.0	0.0	-	-	-	-	-
Lithuania	0.4	0.4	0.6	0.4	0.1	2.9	0.2	0.3	0.1	0.1
Luxembourg	:	:	:	:	:	:	:	:	-	-
Hungary	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.1
Malta	:	:	-	-	:	:	:	:	:	-
Netherlands	-	-	-	0.0	0.0	0.0	0.0	-	-	0.0
Austria	-	-	-	0.0	0.0	-	-	-	0.0	0.1
Poland	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Portugal	:	:	0.0	0.3	0.0	:	0.1	0.1	0.1	0.1
Romania	0.1	0.2	:	:	:	:	0.1	:	0.1	0.1
Slovenia	0.1	0.1	0.3	0.1	-	-	0.2	-	0.1	-
Slovakia	0.1	0.0	0.1	0.8	0.1	-	-	-	-	-
Finland	-	-	-	0.0	-	-	-	-	-	:
Sweden	-	-	-	-	-	-	0.0	-	-	0.0
United Kingdom	-	0.0	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Croatia	0.0	0.3	0.1	0.1	0.2	0.1	0.3	0.0	0.0	-
former Yugoslav Republic of Macedonia, the	:	:	:	:	:	-	-	-	-	-
Turkey	:	:	0.1	0.0	:	:	:	0.0	:	-
Iceland	-	0.4	0.7	1.1	-	-	-	-	-	-
Norway	0.2	0.1	0.1	0.0	-	0.0	0.2	0.0	0.1	0.0
Switzerland	0.0	-	-	0.0	:	0.0	-	0.0	-	0.0
Albania	-	-	-	:	:	:	:	-	-	-
Bosnia and Herzegovina	-	-	:	:	:	:	:	:	:	:
Montenegro	:	:	:	:	:	:	:	:	:	-
Serbia	:	:	:	:	:	:	:	0.1	0.1	0.1
Canada	0.1	0.0	0.0	0.0	0.0	0.0	0.0	:	0.0	0.0
United States	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Japan	0.0	0.0	:	:	:	:	-	-	0.0	0.0

Source: Joint Questionnaire DG SANCO / Eurostat (for the European countries) until 2005 and ECDC (the European Centre for Disease Prevention and Control) from 2006 onwards, Public Health Agency of Canada (for Canada), CDC (for the USA) and Infectious Diseases Surveillance Center (for Japan)

Rates of incidence per 100,000 of population calculated by SANCO.C.2

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