



Typhoid and paratyphoid fever

Number of cases

Countries	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
EU-27	2,254	2,043	2,231	1,799	1,790	1,372	1,545	1,555	1,339	1,397
Belgium	:	0	:	37	36	34	36	47	60	:
Bulgaria	:	:	:	:	:	:	:	:	:	0
Czech Republic	7	3	6	1	1	3	6	7	5	4
Denmark	31	21	65	31	34	24	32	22	16	22
Germany	134	139	199	142	160	126	140	189	136	148
Estonia	0	0	1	0	0	3	0	0	1	1
Ireland	0	3	0	1	4	5	11	9	5	10
Greece	18	33	51	30	1	0	0	15	18	15
Spain	328	316	206	208	174	181	148	101	74	82
France	122	85	96	102	93	106	133	145	134	165
Italy	807	662	782	615	400	358	396	335	207	219
Cyprus	3	6	3	2	1	1	1	5	5	0
Latvia	2	0	5	1	0	0	1	0	1	0
Lithuania	14	6	9	5	4	4	3	7	4	6
Luxembourg	0	0	0	0	1	1	1	:	0	0
Hungary	1	1	2	2	4	1	0	1	3	2
Malta	2	0	1	2	0	0	0	0	1	0
Netherlands	53	33	68	59	77	42	75	69	55	57
Austria	23	12	14	15	5	9	11	14	11	17
Poland	11	6	7	14	7	7	4	6	6	5
Portugal	283	304	202	140	174	98	76	78	82	52
Romania	19	16	:	:	:	:	:	:	:	15
Slovenia	4	0	5	1	1	1	5	3	0	5
Slovakia	1	1	0	1	0	1	1	1	1	3
Finland	8	6	44	3	8	4	11	15	13	10
Sweden	46	50	106	41	163	38	31	38	29	12
United Kingdom	337	340	359	346	442	325	423	448	472	547
Croatia	:	:	:	:	:	:	:	:	:	:
former Yugoslav Republic of Macedonia, the	9	11	7	:	:	:	:	:	:	:
Turkey	33,294	30,981	28,844	26,498	26,726	24,625	21,126	:	:	:
Iceland	0	0	0	0	0	0	0	0	:	:
Norway	41	60	113	30	37	25	26	38	46	36
Switzerland	30	35	32	:	31	:	:	:	:	:
Albania	34	44	:	:	:	:	:	:	:	:
Bosnia and Herzegovina	:	:	:	:	:	:	:	:	:	:
Montenegro	:	:	:	:	:	:	:	:	:	:
Serbia	:	:	:	:	:	:	:	:	:	:
Canada	73	85	78	88	105	101	113	112	95	139
United States	365	375	346	377	368	321	356	322	324	353
Japan	112	110	102	108	87	98	106	152	70	96

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-Typ (SL88) updated by SANCO.C.2 in March 2009



Typhoid and paratyphoid fever

Incidence per 100,000 of population

Countries	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
EU-27	0.5	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Belgium	:	-	:	0.4	0.4	0.3	0.3	0.5	0.6	:
Bulgaria	:	:	:	:	:	:	:	:	:	-
Czech Republic	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Denmark	0.6	0.4	1.2	0.6	0.6	0.4	0.6	0.4	0.3	0.4
Germany	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Estonia	-	-	0.1	-	-	0.2	-	-	0.1	0.1
Ireland	-	0.1	-	0.0	0.1	0.1	0.3	0.2	0.1	0.2
Greece	0.2	0.3	0.5	0.3	0.0	-	-	0.1	0.2	0.1
Spain	0.8	0.8	0.5	0.5	0.4	0.4	0.4	0.2	0.2	0.2
France	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Italy	1.4	1.2	1.4	1.1	0.7	0.6	0.7	0.6	0.4	0.4
Cyprus	0.5	0.9	0.4	0.3	0.1	0.1	0.1	0.7	0.7	-
Latvia	0.1	-	0.2	0.0	-	-	0.0	-	0.0	-
Lithuania	0.4	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Luxembourg	-	-	-	-	0.2	0.2	0.2	:	-	-
Hungary	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
Malta	0.5	-	0.3	0.5	-	-	-	-	0.2	-
Netherlands	0.3	0.2	0.4	0.4	0.5	0.3	0.5	0.4	0.3	0.3
Austria	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Portugal	2.8	3.0	2.0	1.4	1.7	0.9	0.7	0.7	0.8	0.5
Romania	0.1	0.1	:	:	:	:	:	:	:	0.1
Slovenia	0.2	-	0.3	0.1	0.1	0.1	0.3	0.2	-	0.2
Slovakia	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.1
Finland	0.2	0.1	0.9	0.1	0.2	0.1	0.2	0.3	0.2	0.2
Sweden	0.5	0.6	1.2	0.5	1.8	0.4	0.3	0.4	0.3	0.1
United Kingdom	0.6	0.6	0.6	0.6	0.7	0.5	0.7	0.8	0.8	0.9
Croatia	:	:	:	:	:	:	:	:	:	:
former Yugoslav Republic of Macedonia, the	0.5	0.5	0.3	:	:	:	:	:	:	:
Turkey	52.4	47.9	43.8	39.6	39.4	35.8	30.3	:	:	:
Iceland	-	-	-	-	-	-	-	-	:	:
Norway	0.9	1.4	2.5	0.7	0.8	0.6	0.6	0.8	1.0	0.8
Switzerland	0.4	0.5	0.4	:	0.4	:	:	:	:	:
Albania	1.0	1.3	:	:	:	:	:	:	:	:
Bosnia and Herzegovina	:	:	:	:	:	:	:	:	:	:
Montenegro	:	:	:	:	:	:	:	:	:	:
Serbia	:	:	:	:	:	:	:	:	:	:
Canada	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4
United States	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Japan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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

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