

DRAFT VERSION

About Cause-of-death data for the Czech Republic.

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1. Death Count Data

Source of data

Cause-of-death data for 1994-2021 were downloaded from the World Health Organization Mortality Database (<https://www.who.int/data/data-collection-tools/who-mortality-database>).

Specific Details (Optional)

Particular case of the Czech Republic is that beginning from the 2021 it has introduced a new temporary code U10.9 "Multisystem inflammatory syndrome associated with COVID-19, unspecified". We decided to keep it as it is until it will receive its permanent code. Therefore, the total number of causes in the full list for the Czech Republic is 1644 causes rather than 1643 as for other countries that use full version of ICD10.

The other particular detail that one should pay attention at is that it uses 3rd type of age group format, i.e, 95 plus for all the years except 1994. For 1994, the last age group is 85+ or age group format 1.

Raw data treatment

- While applying age-specific quality test few inconsistencies were detected. There was death from the disease of Parkinson of at age zero in 1994 (see appendix 1), which we referred to secondary Parkinson. And inversely one case of tetanus neonatorum at age 25 years in 2002, which we referred rather to other tetanus.
- Finally, the number of non-UCD (underlined causes of death) were recorded into target cause as shown in appendix 2 since these causes may not be considered as principal cause of death.

Appendixes

Appendix 1. Original and recoded age-specific items

year	sex	orig.cause	cause	d0	d25
1994	2	G20_	G219	1	
2002	2	A33_	A35_		1

Appendix 2. Recorded non-UCD codes.

Original cause	Target cause	type
A09_	A099	obsolete
C80_	C809	obsolete
C832	C839	obsolete
C834	C839	obsolete
C836	C839	obsolete
C842	C849	obsolete
C843	C849	obsolete
C850	C859	obsolete
C912	C919	obsolete
C932	C939	obsolete
C941	C947	obsolete
C945	C947	obsolete
C952	C859	obsolete
C961	C969	obsolete
C963	C969	obsolete
C97_	C969	non-UCD
D463	D469	obsolete
D752	D759	obsolete
D760	D763	obsolete
F100	X45_	non-UCD
F110	X42_	non-UCD
F180	X46_	non-UCD
F190	X40_	non-UCD
G836	G839	error
G903	G909	obsolete
I150	I139	non-UCD
I158	I139	non-UCD
I159	I139	non-UCD
I220	I212	non-UCD
I221	I212	non-UCD
I228	I212	non-UCD

I229	I212	non-UCD
I252	I258	non-UCD
I48_	I489	obsolete
I848	K649	obsolete
I849	K649	obsolete
K350	K358	obsolete
K351	K358	obsolete
K359	K358	obsolete
K511	K519	obsolete
K581	K580	error
K85_	K859	obsolete
L89_	L899	obsolete
N180	N189	obsolete
N188	N189	obsolete
O96_	O969	obsolete
P703	P969	non-UCD
P720	P969	non-UCD
Q314	Q319	obsolete
R500	R509	obsolete
R501	R509	obsolete
R95_	R959	obsolete