

Declaration form on Nothing to Declare or Nothing New to Declare for use in the information exchange

Measure	Nothing to declare	Nothing new to declare	Year of last declaration if nothing new to declare
A, part 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="2014"/>
A, part 2 (i)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="2014"/>
A, part 2 (ii)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="2014"/>
A, part 2 (iii)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
E	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="2018"/>
F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="1992"/>
G	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="2016"/>

(Please mark the appropriate box(es) for each measure with a tick, and fill in the year of last declaration in the last column where applicable.)

Date: **April, 2021**

State Party to the Convention: **Czech Republic**

Date of ratification/accession to the Convention: **30 April 1973 (former Czechoslovakia)**

24 March 1993 (Czech Republic)

National point of contact: **State Office for Nuclear Safety**

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Director

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B. Information on outbreaks of infectious diseases and similar occurrences, that seem to deviate from the normal pattern

In 2020, the following infectious diseases have been reported in the Czech Republic:

Infectious disease	Number of cases
Highly Pathogenic Avian Influenza (H5N8)	2 outbreaks: <ul style="list-style-type: none">○ 15 (back-yard flock)○ 137 500 (commercial farm)
COVID-19	718 380

More available on:

<https://wahis.oie.int/#/dashboards/country-or-disease-dashboard>

<http://www.szu.cz/publikace/data/2020>

C. Encouragement of publication of results and promotion of use of knowledge

List of the most important publications, which appeared during the year 2020:

Konkolova E., Klima M., Nencka R., Boura E. (2020) Structural analysis of the putative SARS-CoV-2 primase complex. *Journal of Structural Biology*. Volume 211, Issue 2, 107548 <https://doi.org/10.1016/j.jsb.2020.107548>[Get rights and content](#)

Krafcikova P., Silha J., Nencka R. *et al.* (2020) Structural analysis of the SARS-CoV-2 methyltransferase complex involved in RNA cap creation bound to sinefungin. *Nature Communication*. 11, 3717. <https://doi.org/10.1038/s41467-020-17495-9>

Kriegova E., Fillerova R., Kvapil P. (2020): Direct-RT-qPCR Detection of SARS-CoV-2 without RNA Extraction as Part of a COVID-19 Testing Strategy: From Sample to Result in One Hour. *Diagnostics*. 10(8), 605; <https://doi.org/10.3390/diagnostics10080605>

Matyasek R., Kovarik A. (2020): Mutation Patterns of Human SARS-CoV-2 and Bat RaTG13 Coronavirus Genomes Are Strongly Biased Towards C>U Transitions, Indicating Rapid Evolution in Their Hosts. *Genes*. 11(7), 761; <https://doi.org/10.3390/genes11070761>

Bartas M., Brazda V., Bohalova N., Cantara A., Volna A., Stachurova T., Malachova K., Jagelska E., Porubiakova O., Cerven J., Pecinka P. (2020) In-Depth Bioinformatic Analyses of Nidovirales Including Human SARS-CoV-2, SARS-CoV, MERS-CoV Viruses Suggest Important Roles of Non-canonical Nucleic Acid Structures in Their Lifecycles. *Frontiers in Microbiology*. 11, 1583. <https://doi.org/10.3389/fmicb.2020.01583>

Pohanka M. (2020) *Bacillus anthracis* as a biological warfare agent: infection, diagnosis and countermeasures. *Bratislava Medical Journal*. 121 (3)175 – 181. https://doi.org/10.4149/BLL_2020_026

Pohanka M. (2020) Chapter Eleven - Biosensors commercial off the shelf in biological warfare attack. *Commercial Biosensors and Their Applications*. Pages 287-300. <https://doi.org/10.1016/B978-0-12-818592-6.00011-6>

Spidlova P., Stojkova P., Sjöstedt A., Stulik, J. (2020) Control of *Francisella tularensis* Virulence at Gene Level: Network of Transcription Factors. *Microorganisms*. 8(10), 1622 <https://doi.org/10.3390/microorganisms8101622>

Ostry V., Dofkova M., Blahova J., Malir F., Kavrik R., Rehurkova I., Ruprich J. (2020) Dietary exposure assessment of sum deoxynivalenol forms, sum T-2/HT-2 toxins and zearalenone from cereal-based foods and beer. *Food and Chemical Toxicology*. 139; 111280. <https://doi.org/10.1016/j.fct.2020.111280>