

The demography of COVID-19 deaths (<https://dc-covid.site.ined.fr/en/>)
Summary of metadata for Moldova
(Last revised 13/07/2022)

Development of data collection systems during the pandemic

In the Republic of Moldova, data on mortality throughout the pandemic were published by the Ministry of Health (MH). Statistics on the Republic of Moldova do not include Transnistria. The MH publishes only laboratory-confirmed COVID-19 deaths despite using the definition recommended by the WHO which includes suspected cases. Most of those deaths occurred in hospitals. Since 12/11/2021, the date of death also appears in the death records published by the MH.

Summary description of each source as of 21 April 2022

A.1. Data source 1

Ministry of Health of the Republic of Moldova (MH):
<https://msmps.gov.md/>

A.2. Coverage

2.1 COVID-19 definition

Confirmed COVID-19 deaths.

2.2 Place of death

All places.

2.3. Geographical coverage

Deaths from the Transnistria region are not included.

2.4. Time coverage

From 18/03/2020 to 19/04/2022.

A.3. Data collection method

Medical institutions report confirmed COVID-19 deaths to the National Agency for Public Health.

A.4. Collected data

4.1. Age group: 0-4, 5-9, 10-14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84, 85+

4.2. Sex: male and female, broken down by age group

4.3. Reference date type: date of report for data by age and sex in the Excel tab "MH_Deaths by age and sex" and for daily totals in the tab "MH_Daily total"; date of death for age and sex data in the "MH_AgeSex_DateOccurrence" tab and for daily totals in the "MH_Total_DateOccurrence" Excel tab.

4.4. Place of death: *Not applicable*

A.5. Update frequency and data cut-off time

The epidemiological situation report is published daily at 17:00.

ANNEX: Detailed metadata sheet for Moldova (Last revised 09/03/2022)

Source

Epidemiological situation published daily by the Ministry of Health of the Republic of Moldova (MH), <https://msmps.gov.md/>, <https://www.facebook.com/protectiesocialamoldova>

Coverage

Data include deaths from Covid-19 infection occurred in hospitals or elsewhere during the last 24 hours by date of report, sex and age. The official statistics of the Republic of Moldova does not include death and population counts since 1997 for Transnistria region. Although data on deaths from COVID-19 infection for Transnistria are published by the MH, it is excluded from the database due to the absence of population counts by sex and age. On 23 December 2020, the total number of deaths from COVID-19 infection registered in Transnistria was 8% of the total of COVID-19 deaths registered in Moldova (227 out of 2825 deaths).

In November and December 2021, the National Agency for Public Health checked the completeness of the registration of deaths from COVID-19 in hospitals [5]. As a result, on 30 December 2021, 579 deaths were published as unreported by hospitals. For these deaths no information was provided [6].

Data collection method

The definition of death from COVID-19 approved by the MH of the Republic of Moldova [1] corresponds to the definition recommended by WHO. According to it, "a death due to COVID-19 is defined for surveillance purposes as a death resulting from a clinically compatible illness, in a suspected or confirmed COVID-19 case, unless there is a clear alternative cause of death that cannot be related to COVID disease (e.g., trauma). There should be no period of complete recovery from COVID-19 between illness and death" [2].

The MH approved the following ICD-10 codes to codify deaths from COVID-19 infection [3].

U07.1 – COVID-19, virus identified

U07.2 – COVID-19, virus unidentified

However, the MH publishes only the laboratory confirmed COVID-19 deaths. Medical institutions (hospitals if a patient with confirmed COVID-19 infection died in hospital or primary health care institutions if a patient with confirmed COVID-19 infection died at home) notify the National Agency for Public Health about the confirmed COVID-19 deaths [4].

Collected data

MH publishes daily death records notified to the National Agency for Public Health during the last 24 hours with the indication of the serial number of death (starting from death 42 on 15 April 2020), age in complete years, sex, region, name of the medical institution where the case of death was registered, date of hospitalization or transfer to another hospital and concomitant diseases. If a deceased person belonged to a medical personal, his/her name, age and the place of work are usually indicated. Since 11 November 2020, MH stopped publishing the date of hospitalization or transfer to another hospital.

On 23 December 2020, 98% of deaths from COVID-19 was registered as occurred in hospitals. Less than 1% of deaths was registered at home due to patient's refusal of hospitalization as indicated in daily MH report. Finally, the place of death is not indicated for 1% of deaths. Most of these deaths were registered before 15 April 2020, when the outline of the epidemiological situation report was not fixed and the medical institution where the

case of death occurred was not mentioned. For deaths registered in Transnistria, the place of death is not indicated. Since 12 November 2021, the MH started to include the date of occurrence in COVID-19 death records.

Periodicity and countdown stop time

Since 4 August 2020, the MH published the epidemiological situation report daily at 17.00 (the time of publication is not exact and may vary). Before that date, the MH published the epidemiological situation report twice per day. Since 30 January 2022, the MH publishes the reports notified to the National Agency for Public Health on the preceding day.

Further information

We have saved the daily epidemiological report issued by the MH as pdf file for each day when COVID-19 deaths were registered starting from March 18 2020. In the excel data file we provide links to the webpages where the report was published. Before August 4 2020, two epidemiological reports are presented for each day (see periodicity and countdown stop time). Death records may be included in the first or in the second or in both reports. For certain death records registered in April Facebook announcements issued by the MH are presented. The example of the daily epidemiological report issued by the MH on December 19 2020 is shown in Annex 1.

References

1. Clinical standardized protocol for family doctors “New type of coronavirus infection (COVID-19)”, IV edition.
<https://msmps.gov.md/wp-content/uploads/2020/12/PCSPMF-Infec%C8%9Bia-cu-coronavirus-de-tip-nou-COVID-19-editia-IV-aprobat-prin-ordinul-MSMPS-nr.1181-din-11.12.2020.pdf>
2. WHO. International guidelines for certification and classification (coding) of COVID-19 as cause of death based on ICD International Statistical Classification of Diseases (16 April, 2020).
https://www.who.int/classifications/icd/Guidelines_Cause_of_Death_COVID-19.pdf?ua=1
3. Ministry of Health of the Republic of Moldova. Order 456 from 08/05/2020 concerning the use of the new ICD-10 codes for COVID-19.
<http://msmps.gov.md/wp-content/uploads/2020/06/ordin-nr.-456-din-08.05.2020-cod-COVID.pdf>
4. [Electronic response of the Ministry of Health the Republic of Moldova to the inquiry letter received on February 5, 2020.](#)
5. Ministry of Health of the Republic of Moldova. Press release “The Ministry of Health identified non-conformities in the process of reporting deaths caused by COVID-19 and comes up with several concrete solutions” issued on 12 November 2021.
<https://msmps.gov.md/comunicare/ministerul-sanatatii-a-identificat-nonconformitati-in-procesul-de-raportare-a-cazurilor-de-deces-provocate-de-covid-19-si-vine-cu-mai-multe-solutii-concrete/>
6. Ministry of Health of the Republic of Moldova. Daily epidemiological report issued on 30 December 2021. <https://msmps.gov.md/comunicare/422-cazuri-de-covid-19-raportate-in-ultimele-24-de-ore/>

Annex 1: An example of data circuit published daily by the Ministry of Health of the Republic of Moldova (19/12/2020).



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Alte 1218 cazuri noi de infectare cu COVID-19 au fost confirmate astăzi în Republica Moldova.

Din numărul total de cazuri, 6 cazuri sunt de import (Marea Britanie-2, România-1, Germania-1, Franța-1, Federația Rusă-1).

Bilanțul cazurilor de COVID-19 în țara noastră a ajuns la 134 578.

Total teste efectuate – 3636 dintre care primar – 3198 și repetat – 438.

Din numărul total de cazuri, 58 sunt lucrători medicali: medici-23, asistenți medicali-28, personal auxiliar-7.

În total, în cadrul instituțiilor medico-sanitare spitalicești, sunt internați 3626 pacienți confirmați cu infecția COVID-19, dintre care 289 în stare extrem de gravă (53 pacienți sunt conectați la aparate de respirație asistată).

Alte 1390 persoane au fost vindecate. În total, 117 002 persoane au fost tratate de COVID-19.

În tratament la domiciliu cu forme ușoare de COVID-19 se află 8360 persoane, iar 31 310 sunt sub supraveghere la domiciliu.

Totodată, informăm despre înregistrarea altor decese provocate de COVID-19:

Deces 2701: Bărbat de 71 ani, din Transnistria. Comorbidități: diabet zaharat.

Deces 2702: Femeie de 84 ani, din Transnistria. Comorbidități: hipertensiune arterială.

Deces 2703: Bărbat de 62 ani, din r-nul Ceadir-Lunga. Internat la SR Ceadir-Lunga. Comorbidități: diabet zaharat.

Deces 2704: Femeie de 66 ani, din r-nul Comrat. Internată la SR Comrat. Comorbidități: diabet zaharat.

Deces 2705: Femeie de 82 ani, din Transnistria. Comorbidități: insuficiență cardiacă, hipertensiune arterială.

Deces 2706: Femeie de 73 ani, din mun. Bălți. Internată la SCB. Comorbidități: diabet zaharat, hipertensiune arterială.

Deces 2707: Femeie de 69 ani, din r-nul Telenești. Transferată de la SCB la SCR. Comorbidități: pielonefrită cronică, anemie cronică, insuficiență cardiacă.

Deces 2708: Femeie de 72 ani, din r-nul Fălești. Internată la SC Bălți. Comorbidități: anemie, hepatită cronică virală diabet zaharat.

Deces 2709: Femeie de 72 ani, din mun. Chișinău. Internată la SCM Arh. Mihail. Comorbidități: fibrilație atrială, cord hipertensiv cronic subcompensat, encefalopatie discirculatorie mixtă.

Deces 2710: Femeie de 56 ani, din r-nul Edineț. Internată la SR Edineț. Comorbidități: cardiomiopatie mixtă.

Deces 2711: Bărbat de 67 ani, din r-nul Edineț. Internat la SR Edineț. Comorbidități: cardiomiopatie mixtă, insuficiență cardiacă.

Deces 2712: Bărbat de 62 ani, din r-nul Rezina. Internat la SR Rezina. Comorbidități: insuficiență cardiacă, fibrilație atrială permanentă, hipertensiune arterială.

Deces 2713: Femeie de 72 ani, din r-nul Strășeni. Internată la SR Strășeni. Comorbidități: sechele AVC, insuficiență cardiacă.

Deces 2714: Femeie de 72 ani, din r-nul Fălești. Internată la SR Fălești. Comorbidități: obezitate, fibrilație atrială, insuficiență cardiacă.

Deces 2715: Bărbat de 65 ani, din r-nul Ceadir-Lunga. Internat la SR Ceadir-Lunga. Comorbidități: hipertensiune arterială.

Deces 2716: Femeie de 66 ani, din r-nul Strășeni. Internată la IMU. Comorbidități: diabet zaharat, insuficiență cardiacă, insuficiență venoasă a membrilor inferioare.

Deces 2717: Bărbat de 63 ani, din mun. Chișinău. Internat la IMU. Comorbidități: diabet zaharat, insuficiență renală.

Deces 2718: Femeie de 69 ani, din Sîngera. Internată la IMU. Comorbidități: gastropatie erozivă, pancreatită cronică, obezitate.

Deces 2719: Femeie de 73 ani, din r-nul Edineț. Internată la SR Edineț. Comorbidități: diabet zaharat, hipertensiune arterială, insuficiență cardiacă.

Deces 2720: Femeie de 71 ani, din r-nul Telenești. Internată la SR Telenești. Comorbidități: hipertensiune arterială, insuficiență cardio-pulmonară.

Deces 2721: Femeie de 49 ani, din r-nul Florești. Internată la SR Florești.

Deces 2722: Bărbat de 79 ani, din r-nul Dondușeni. Internat la SR Dondușeni. Comorbidități: cardiopatie ischemică.

Deces 2723: Femeie de 71 ani, din r-nul Dondușeni. Internată la SR Dondușeni. Comorbidități: cancer.

Deces 2724: Bărbat de 54 ani, din r-nul Călărași. Internat la SR Călărași. Comorbidități: diabet zaharat, ciroză.

Deces 2725: Bărbat de 89 ani, din r-nul Vulcănești. Internat la SR Vulcănești. Comorbidități: insuficiență cardiacă.

Deces 2726: Femeie de 70 ani, din mun. Chișinău. Internată la SCR. Comorbidități: astm bronșic, obezitate, hipertensiune arterială.

Deces 2727: MSMPs exprimă sincere condoleanțe comunității academice USMF „Nicolae Testemițanu”, colegilor și familiei îndurerate, în legătură cu trecerea în neființă a dr. Nicolae Demișcan, în vârstă de 76 ani, care a activat până-n luna august curent, în calitate de conferențiar universitar la Catedra de Fiziologie a Omului și Biofizică. Regretatul conferențiar și-a dedicat 53 de ani Almei Mater. Acesta a fost internat la data de 13 decembrie, la Institutul de Medicină Urgentă. Dumnezeu să-l odihnească în pace.

Până la ziua de azi, 63 lucrători medicali au decedat din cauza infecției COVID-19.

[Prezentare COVID-19 \(19.12.2020\)](#)



Source: <https://msmps.gov.md/comunicare/comunicate/1218-cazuri-de-covid-19-inregistrate-in-ultimele-24-ore/>