

Record type	Record type version	Variable	Full name
NCOV		3RecordId	Record id
NCOV		3RecordType	Record type
NCOV		3RecordTypeVersion	Record type version
NCOV		3Subject	Subject
NCOV		3DataSource	Data source
NCOV		3ReportingCountry	Reporting country
NCOV		3DateUsedForStatistics	Date used for statistics
NCOV		3Status	Status
NCOV		3Age	Age
NCOV		3AgeMonth	Age in months
NCOV		3Classification	Classification

NCOV		3ClinicalSymptoms	Clinical symptoms
NCOV		3ClinicalSymptomsOther	Clinical symptoms - Other
NCOV		3Complications	Complications

NCOV		3DateOfDeath	Date of death
NCOV		3DateOfDischarge	Date of hospital discharge
NCOV		3DateOfHospitalisation	Date of Hospitalisation

NCOV		3DateOfICUHDU	Date of admission to ICU or HDU
NCOV		3DateOfOnset	Date of Onset of Disease

NCOV		3Gender	Gender
NCOV		3HCWSetting	Healthcare worker (HCW) setting
NCOV		3HCWType	Healthcare worker (HCW) type

NCOV		3HealthCareWorker	Health care worker
NCOV		3HealthcareWorkerDetails	Details about HCW type or setting
NCOV		3Hospitalisation	Hospitalisation
NCOV		3Imported	Imported
NCOV		3InfectionSource	Infection source of COVID-19
NCOV		3InfluenzaCoinfectionDetail	(Sub)typing details for influenza coinfection
NCOV		3InfluenzaVaccination	Influenza vaccination

NCOV		3IntensiveCare	Intensive care
NCOV		3LabMethod	Laboratory method

NCOV		3	NumberDaysICUHDU	Number of days in ICU or HDU
NCOV		3	Outcome	Outcome
NCOV		3	PlaceOfInfection	Place of infection
NCOV		3	PlaceOfResidence	Place of residence
NCOV		3	PneumococcalVaccination	Pneumococcal vaccination

NCOV		3Precondition	Precondition
NCOV		3PreconditionOther	Precondition - Other
NCOV		3PriorMedic	Prior medication

NCOV		3RespSupport	Respiratory support
NCOV		3RespSupportOther	Respiratory support - Other
NCOV		3Setting	Close contact setting
NCOV		3SettingOther	Close contact setting - Other

NCOV		3Symptomatic	Symptomatic
NCOV		3ViralCoinfection	Viral coinfection
NCOV		3ViralCoinfectionOther	Viral coinfection - Other
NCOV		3VirusVariant	Virus variant of SARS-CoV-2
NCOV		3VirusVariantOther	Virus variant type other specified
NCOV		3WgsEnald	Wgs ENA identifier
NCOV		3WgsSequenceId	Wgs Sequence RA identifier
NCOVAGGR		2RecordType	Record type

NCOVAGGR		2RecordTypeVersion	Record type version
NCOVAGGR		2Subject	Subject
NCOVAGGR		2DataSource	Data source
NCOVAGGR		2ReportingCountry	Reporting country
NCOVAGGR		2DateUsedForStatistics	Date used for statistics
NCOVAGGR		2Age00-04F	Age00-04 Fe males
NCOVAGGR		2Age00-04M	Age00-04 Males
NCOVAGGR		2Age05-09F	Age05-09 Fe males
NCOVAGGR		2Age05-09M	Age05-09 Males
NCOVAGGR		2Age10-14F	Age10-14 Fe males
NCOVAGGR		2Age10-14M	Age10-14 Males
NCOVAGGR		2Age15-19F	Age15-19 Fe males
NCOVAGGR		2Age15-19M	Age15-19 Males
NCOVAGGR		2Age20-24F	Age20-24 Fe males
NCOVAGGR		2Age20-24M	Age20-24 Males
NCOVAGGR		2Age25-29F	Age25-29 Fe males
NCOVAGGR		2Age25-29M	Age25-29 Males
NCOVAGGR		2Age30-39F	Age30-39 Fe males
NCOVAGGR		2Age30-39M	Age30-39 Males
NCOVAGGR		2Age40-49F	Age40-49 Fe males
NCOVAGGR		2Age40-49M	Age40-49 Males
NCOVAGGR		2Age50-59F	Age50-59 Fe males
NCOVAGGR		2Age50-59M	Age50-59 Males

NCOVAGGR	2	Age60-64F	Age60-64 Females
NCOVAGGR	2	Age60-64M	Age60-64 Males
NCOVAGGR	2	Age65-69F	Age65-69 Females
NCOVAGGR	2	Age65-69M	Age65-69 Males
NCOVAGGR	2	Age70-74F	Age70-74 Females
NCOVAGGR	2	Age70-74M	Age70-74 Males
NCOVAGGR	2	Age75-79F	Age75-79 Females
NCOVAGGR	2	Age75-79M	Age75-79 Males
NCOVAGGR	2	Age80+F	Age80+ Females
NCOVAGGR	2	Age80+M	Age80+ Males
NCOVAGGR	2	AgeGenderUnk	Age Gender UNK
NCOVAGGR	2	AgeUnkF	AgeUnk Females
NCOVAGGR	2	AgeUnkM	AgeUnk Males
NCOVAGGR	2	CasesHCW	Cases Healthcare Workers
NCOVAGGR	2	Deaths00-04F	Deaths00-04 Females
NCOVAGGR	2	Deaths00-04M	Deaths00-04 Males
NCOVAGGR	2	Deaths05-09F	Deaths05-09 Females
NCOVAGGR	2	Deaths05-09M	Deaths05-09 Males
NCOVAGGR	2	Deaths10-14F	Deaths10-14 Females
NCOVAGGR	2	Deaths10-14M	Deaths10-14 Males
NCOVAGGR	2	Deaths15-19F	Deaths15-19 Females
NCOVAGGR	2	Deaths15-19M	Deaths15-19 Males
NCOVAGGR	2	Deaths20-24F	Deaths20-24 Females
NCOVAGGR	2	Deaths20-24M	Deaths20-24 Males
NCOVAGGR	2	Deaths25-29F	Deaths25-29 Females
NCOVAGGR	2	Deaths25-29M	Deaths25-29 Males

NCOVAGGR	2	Deaths30-39F	Deaths30-39 Females
NCOVAGGR	2	Deaths30-39M	Deaths30-39 Males
NCOVAGGR	2	Deaths40-49F	Deaths40-49 Females
NCOVAGGR	2	Deaths40-49M	Deaths40-49 Males
NCOVAGGR	2	Deaths50-59F	Deaths50-59 Females
NCOVAGGR	2	Deaths50-59M	Deaths50-59 Males
NCOVAGGR	2	Deaths60-64F	Deaths60-64 Females
NCOVAGGR	2	Deaths60-64M	Deaths60-64 Males
NCOVAGGR	2	Deaths65-69F	Deaths65-69 Females
NCOVAGGR	2	Deaths65-69M	Deaths65-69 Males
NCOVAGGR	2	Deaths70-74F	Deaths70-74 Females
NCOVAGGR	2	Deaths70-74M	Deaths70-74 Males
NCOVAGGR	2	Deaths75-79F	Deaths75-79 Females
NCOVAGGR	2	Deaths75-79M	Deaths75-79 Males
NCOVAGGR	2	Deaths80+F	Deaths80+ Females
NCOVAGGR	2	Deaths80+M	Deaths80+ Males
NCOVAGGR	2	DeathsAgeGenderUnk	Deaths Age Gender UNK
NCOVAGGR	2	DeathsHCW	Deaths Healthcare Workers
NCOVAGGR	2	DeathsUnkF	DeathsUnk Females
NCOVAGGR	2	DeathsUnkM	DeathsUnk Males
NCOVAGGR	2	Discharged	Discharged
NCOVAGGR	2	Hospitalised	Hospitalised
NCOVAGGR	2	ICUBedsFree	ICUBedsFree
NCOVAGGR	2	ICUBedsTotal	ICUBedsTotal
NCOVAGGR	2	ICUPatientsCOVID	ICUPatientsCOVID
NCOVAGGR	2	NumberOfCases	Number of Cases

NCOVAGGR		2	NumberOfDeaths	Total number of deaths
all		2	NumberSequencedViruses	Total number of sequenced viruses for this week of reporting
NCOVAGGR		2	Variant501V2	Variant 501_V2
NCOVAGGR		2	VariantCluster5	Variant Cluster 5
NCOVAGGR		2	VariantSGeneDelete	Variant S Gene Deletion
NCOVAGGR		2	VariantVOC_202012_01	Variant VOC_202012_01
NCOVAGGR		2	VariantY453F	Variant Y453F
NCOVAGGR		2	Ventilated	Ventilated

Description	Type
Unique case identifier (used in the country)	TEXT
Structure and format of the data (case based reporting or aggregate reporting).	CV
Indicates the version of the Record type used in the reported batch. If no RecordTypeVersion is provided in the batch, it is set automatically with current version of the Record type. RecordTypeVersion is required when no metadata set is provided at upload or when a RecordTypeVersion, other than the current one, needs to be used.	NUM
Subject of the data reported.	CV
The data source (surveillance system) that the record originates from.	CV
The country reporting the record.	CV
The date used for statistics is date of reporting to national health authority	DATE
Status of reporting NEW/UPDATE or DELETE (inactivate). Default if left out: NEW/UPDATE. If set to DELETE, the record with the given recordId will be deleted from the TESSy database (or better stated, invalidated. If set to NEW/UPDATE or left empty, the record is newly entered into the database.	CV
Age of patient in years as reported in the national system at the time of disease onset.	NUM
Age of patient in months as reported in the national system for cases < 2 years of age at the time of disease onset.	NUM
Case classification according to WHO definition	CV

Clinical symptoms on onset	CV
Other reported clinical symptoms not found in the list of possible values	TEXT
Complications at any time	CV

Date of death (exact date only)	DATE
Date of discharge from hospital (exact date only)	DATE
Date of Hospitalisation	DATE

Date of admission to intensive care unit or high dependency unit (exact date only)	DATE
Date of onset of disease. Not applicable in asymptomatic cases. If not applicable, please use 'Unk'	DATE

Gender of the reported case.	CV
Main working environment of the HCW in the 14 days before onset of symptoms. If the HCW was working in more than one setting, select the setting with the majority of working time, e.g. a GP working 55% of the time in a clinic and 45% of the time performing house visits, select PRIMCLIN. LTCF is defined according to HAI-Net HALT definitions. Specialised facilities include LTCFs for mentally and physically disabled, psychiatric LTCFs, rehabilitation centres, palliative care facility and sanatoria.	CV
Type of healthcare worker. Codes are aligned with Eurostat (ISCO) for denominator data to calculate occupation-specific risks.	CV

Information on whether the case is a healthcare worker or not.	CV
Details about HCW type or setting (free text)	TEXT
Admission to hospital	CV
Patient travelled outside the reporting country in the 14 days prior to symptom onset	CV
Source or origin of COVID-19 infection. See definition for cut-offs of number of days of stay in a healthcare facility associated with a category. For healthcare workers and re-admissions, case-by-case evaluation of exposure in healthcare facility and/or community.	CV
(Sub)typing details for influenza coinfection.	CV
Current seasonal influenza vaccination	CV

<p>Case required care in an intensive care unit or high dependency unit (unit with capabilities for more intensive observation, treatment and nursing care than can be provided on a regular ward).</p>	CV
<p>Laboratory method used to make diagnosis</p>	CV

Total number of days patient spent in IDU or HDU	NUM
Information on the outcome of the case	CV
The probable place of infection should be provided at the NUTS 3 level. If the probable case of infection is not an EU/EEA country, then use GAUL nomenclature	CV
Place of residence of patient at the time of disease onset. Select the most detailed NUTS(EU/EEA) or GAUL(nonEU/EEA) level possible	CV
Recent pneumococcal vaccination	CV

Patient's underlying condition or conditions	CV
Details of underlying conditions, if Precondition is coded as 'other', but is known	TEXT
Whether patient took any of Angiotensin converting enzyme inhibitors, Angiotensin II receptor blockers or Non-steroidal anti-inflammatory drugs prior to disease onset	CV

Level of respiratory support given to patient	CV
Other respiratory support not found in the list of possible values	TEXT
Close contact setting with a person with a probable or confirmed case in the 14 days prior to symptom onset	CV
Other close contact setting	TEXT

Did the patient have any symptom at any point of the illness	CV
Presence of viral co-infection	CV
Other viral coinfection not found in the list of possible values	TEXT
COVID-19 case with a variant virus of SARS-CoV-2 according to mutation pattern of specific concern identified by sequence analysis of the case, or in some cases by a specific RT-PCR pattern. If several apply, choose the most specific variant (highest number fo matching mutations).	CV
Specified variant type not captured in the coded values for VirusVariant variable as indicated in VARIANT_OTHER response for VirusVariant variable.	TEXT
European Nucleotide Archive (ENA) run identifier, based on which the sequence read data can be retrieved. Starts with ERR or SRR, i.e. not the sample or experiment which ERS/ERX or SRS/SRX.	TEXT
Sequence identifier for whole genome or gene sequence, based on which the sequence read data can be retrieved from external database such as GISAID, GenBank or other db (except ENA). GISAID isolate sequence accession number should be reported in format EPI_ISL_402123, GenBank MK334047.1. Please report ENAId in WgsEnald variable	TEXT
Structure and format of the data (case based reporting or aggregate reporting).	CV

Indicates the version of the Record type used in the reported batch. If no RecordTypeVersion is provided in the batch, it is set automatically with current version of the Record type. RecordTypeVersion is required when no metadata set is provided at upload or when a RecordTypeVersion, other than the current one, needs to be used.	NUM
Subject of the data reported.	CV
The data source (surveillance system) that the record originates from.	CV
The country reporting the record.	CV
The reference date used for standard reports that is compared to the reporting period. The date used for statistics can be any date that the reporting country finds applicable, e.g. date of notification, date of diagnosis or any other date.	DATE
Number of confirmed cases among females in age group 0-4 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 0-4 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 5-9 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 5-9 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 10-14 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 10-14 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 15-19 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 15-19 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 20-24 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 20-24 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 25-29 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 25-29 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 30-39 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 30-39 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 40-49 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 40-49 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 50-59 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 50-59 years, newly reported for week of reporting	NUM

Number of confirmed cases among females in age group 60-64 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 60-64 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 65-69 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 65-69 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 70-74 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 70-74 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 75-79 years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 75-79 years, newly reported for week of reporting	NUM
Number of confirmed cases among females in age group 80+ years, newly reported for week of reporting	NUM
Number of confirmed cases among males in age group 80+ years, newly reported for week of reporting	NUM
Number of confirmed cases with unknown age and gender, newly reported for week of reporting	NUM
Number of confirmed cases among females with unknown age, newly reported for week of reporting	NUM
Number of confirmed cases among males with unknown age, newly reported for week of reporting	NUM
Number of confirmed cases among healthcare workers, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 0-4 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 0-4 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 5-9 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 5-9 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 10-14 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 10-14 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 15-19 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 15-19 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 20-24 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 20-24 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 25-29 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 25-29 years, newly reported for week of reporting	NUM

Number of deaths among confirmed female cases in age group 30-39 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 30-39 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 40-49 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 40-49 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 50-59 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 50-59 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 60-64 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 60-64 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 65-69 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 65-69 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 70-74 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 70-74 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 75-79 years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 75-79 years, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases in age group 80+ years, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases in age group 80+ years, newly reported for week of reporting	NUM
Number of deaths among confirmed cases with unknown age and gender, newly reported for week of reporting	NUM
Number of deaths among confirmed cases in healthcare workers, newly reported for week of reporting	NUM
Number of deaths among confirmed female cases with unknown age, newly reported for week of reporting	NUM
Number of deaths among confirmed male cases with unknown age, newly reported for week of reporting	NUM
Number of confirmed cases discharged from hospital for this week of reporting	NUM
Number of newly hospitalised confirmed cases during the week of reporting	NUM
Number of free ICU beds as of Wednesday previous week	NUM
Total number of ICU beds as of Wednesday previous week	NUM
Number of COVID-19 patients in ICU as of Wednesday previous week	NUM
Number of confirmed cases during the week of reporting	NUM

Number of deaths among confirmed cases during the week of reporting	NUM
Total number of sequenced viruses for this week of reporting.	NUM
Number of South African variant cases (defined by mutations: L18F, D80A, D215G, del 242-244, R246I, K417N, E484K, N501Y, A701V).	NUM
Number of Denmark cluster 5 cases associated with mink (defined by mutations: del 69-70, Y453F, I692V, M1229I).	NUM
Number of variant virus cases with deletion in S-gene (defined by mutation: del 69-70 or by negative S-gene RT-PCR) not associated with the UK variant.	NUM
Number of cases with the UK variant of concern (defined by mutations: del 69-70, del 144, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H).	NUM
Number of cases with Y453F associated with farmed minks (defined by mutation: Y453F).	NUM
Number of newly admitted patients to an intensive care unit (ICU) or newly requiring mechanical ventilation or ECMO in this week of reporting	NUM

Coded value list	Required	Repeatable	Allow NA	Allow UNK
	True (Error)	No	No	No
'NCOV'	True (Error)	No	No	No
	False	No	No	No
[Subjects for NCOV]: NCOV = Novel Coronavirus	True (Error)	No	No	No
[Data sources] (see the coded values list)	True (Error)	No	No	No
[Countries] (see the coded values list)	True (Error)	No	No	No
	True (Error)	No	No	No
[Statuses]: DELETE = Delete a previously reported record. NEW/UPDATE = Report a new or update a previously reported record (default).	False	No	No	No
	True (Error)	No	No	Yes
	False	No	Yes	Yes
ClassificationProbConfNoUnk: CONF = Confirmed PROB = Probable	True (Error)	No	No	No

ClinicalSymptoms: ASY = Asymptomatic CONJ = Conjunctival injection COUGH = Dry or productive cough DIARR = Diarrhoea FEVER = History of fever/chills HEAD = Headache IRR = Irritability/confusion O = Other, please specify PAIN = Pain PAINABDO = Pain - abdominal PAINCHEST = Pain - chest PAINJOINT = Pain - joint PAINMUSC = Pain - muscular PAINOTH = Pain - other RUNOS = Runny nose SBREATH = Shortness of breath SORETHR = Sore throat UNK = Unknown VOMIT = Nausea/vomiting WEAK = General weakness	False	Yes	No	Yes
	False	No	No	Yes
ComplicationsNCOV: AKI = Acute renal injury ARDS = Acute respiratory distress syndrome BRONCH = Bronchiolitis ENCEPH = Encephalitis HEARTFAIL = Heartfailure MULTIFAIL = Multi-organ failure MYOCARD = Myocarditis NONE = None O = Other (please specify separately) OTHBAC = Other secondary bacterial infection PIMS = Paediatric Inflammatory Multisystem Syndrome - Temporally Associated with SARSCoV2 PNEU = Bacterial pneumonia (secondary) SEPSIS = Sepsis UNK = Unknown	False	Yes	No	Yes

	False	No	No	Yes
	False	No	No	Yes
	False	No	No	Yes

	False	No	No	Yes
	False	No	No	Yes

Sex: F = Female M = Male O = Other (e.g., transsexual) Unk = Unknown	False	No	No	Yes
HCWSetting: COMCARE = Community care, home care HCOV-ICU = Hospital, COVID-19 ICU ward HCOV-O = Hospital, COVID-19 other (non-ICU) ward HOSP-NoS = Hospital, not specified HOTH-ICU = Hospital, non-COVID-19 ICU ward HOTH-O = Hospital, non-COVID-19 other (non-ICU) ward LTCF-GNH = LTCF, general nursing home LTCF-MIX = LTCF, mixed facility LTCF-NoS = LTCF, not specified LTCF-RH = LTCF, residential home LTCF-SPEC = LTCF, specialised facility NA = Not applicable O = Other healthcare setting PRIMCLIN = Primary care clinic, GP practice TESTSITE = Dedicated COVID-19 diagnostic respiratory sample collection site, in- or outside hospital UNK = Unknown	False	No	Yes	Yes
HCWType (see the coded values list)	False	No	Yes	Yes

YesNoUnk: N = No Unk = Unknown Y = Yes	True (Error)	No	No	Yes
	False	No	Yes	Yes
YesNoUnk: N = No Unk = Unknown Y = Yes	True (Error)	No	No	Yes
YesNoUnk: N = No Unk = Unknown Y = Yes	False	No	No	Yes
InfectionSource: CA = Community-associated HA-D = Definite healthcare-associated HA-P = Probable healthcare-associated IA = Indeterminate association UA = Unknown association, insufficient data UNK = Unknown	False	No	No	Yes
VirusSubTypeINFL: AH1N1pdm09 = A(H1N1)pdm09 AH1pdm09 = A(H1)pdm09 AH3 = A(H3) AH3N2 = A(H3N2) Aunk = A not-subtyped B = B no lineage BVic = B/Victoria BYam = B/Yamagata Unk = Unknown	False	No	No	Yes
YesNoUnk: N = No Unk = Unknown Y = Yes	False	No	No	Yes

<p>YesNoUnk: N = No Unk = Unknown Y = Yes</p>	True (Error)	No	No	Yes
<p>LabMethodNCOV: ANTIGEN = Antigen detection GENOSEQ = Genotyping/Sequencing ISOV = Isolation of virus NEU = Neutralisation NUC = NAAT by RT-PCR, other or not specified NUC1 = NAAT by a single gene RT-PCR assay used for 1st detection of 2019 nCoV NUC2 = NAAT by a single gene RT-PCR assay used for 2nd confirmatory det of 2019-nCoV NUCPAN = NAAT by a pan-coronavirus RT-PCR assay O = Other, please specify SCONV = Seroconversion or fourfold titre rise SIGG = NCOV specific IgG-antibodies SIGM = NCOV specific IgM-antibodies SIGMG = NCOV specific IgM- and IgG antibodies UNK = Unknown</p>	False	No	No	Yes

	False	No	Yes	Yes
OutcomeNCOV: ALIVE = Alive, recovered, cured DIEDNCOV = COVID-19 was main or contributing cause of death DIEDOTHER = Death not related to COVID-19 infection DIEDUNK = Cause of death unknown STILLTREATMENT = Still on medical treatment (not recovered) UNK = Unknown outcome	True (Error)	No	No	Yes
NUTS_GAUL (see the coded values list)	True (Error)	No	No	Yes
NUTS_GAUL (see the coded values list)	False	No	No	Yes
YesNoUnk: N = No Unk = Unknown Y = Yes	False	No	No	Yes

PreconditionNCOV: ASPL = Asplenia ASTH = Asthma CANC = Cancer, malignancy CARDIACDIS = Cardiac disorder, excluding hypertension DIAB = Diabetes HIV = HIV/other immune deficiency HYPERT = Hypertension KIDNEY = Kidney-related condition, renal disease LIVER = Liver-related condition, liver disease LUNG = Chronic lung disease, excluding asthma NEUROMUS = Neuromuscular disorder, chronic neurological NONE = None O = Other precondition, please specify OBES = Obesity PREG = Pregnancy, trimester is unknown PREG1 = Pregnancy, 1st trim, the 1st trim is from week 1 to the end of week 12 PREG2 = Pregnancy, 2nd trim, the 2nd trim is from week 13 to the end of week 26 PREG3 = Pregnancy, 3rd trim, the 3rd trim is from week 27 to the end of the pregnancy PREGPOST = Post-partum (<6 weeks) SMOKE = Current smoking TB = Tuberculosis UNK = Unknown precondition	True (Error)	Yes	No	Yes
	False	No	No	No
PriorMedic: ACE = Angiotensin converting enzyme inhibitors (ACE inhibitors) ARB = Angiotensin II receptor blockers (ARBs) NSAID = Non-steroidal anti-inflammatory (NSAID) UNK = Unknown	False	Yes	No	Yes

RespSupportNCOV: ECMO = Extracorporeal membrane oxygenation N = No O = Other, please specify OXYGEN = Oxygen therapy UNK = Unknown VENT = Ventilator including non-invasive positive pressure ventilation	True (Error)	Yes	No	Yes
	False	No	No	No
CloseContact: DET = Migrant detention centre FAM = Family setting HCS = Health care setting LTCF = Long term care facility O = Other location, please specify PRI = Prison SHIP = International Conveyance UNK = Unknown WORK = Work place	False	Yes	No	Yes
	False	No	No	No

Symptomatic: ASY = Asymptomatic SYMP = Symptomatic UNK = Unknown	False	No	No	Yes
ViralCoinfection: INFL = Influenza O = Other respiratory viral pathogen, please specify OTHCOR = Other coronavirus RSV = RSV (Respiratory syncytial virus) UNK = Unknown	False	Yes	No	Yes
	False	No	No	No
VirusVariantNCOV: 501_V2 = SA variant; mutations: L18F,D80A,D215G,del 242-244,R246I,K417N,E484K,N501Y,A701V CLUSTER_5 = DK cluster 5. Defined by mutations: del 69-70, Y453F, I692V, M1229I S_GENE_DELETION = Variant with deletion in S-gene; mutation: del 69-70 or negative S-gene RT-PCR UNK = Sequence information unknown or not available VARIANT_OTHER = Novel variant of potential concern. Provide details in VirusVariantOther VOC_202012_01 = UK variant; mutations: del69-70,del144,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H WILD_TYPE = None of the variants described for this variable Y453F = Y453F associated with farmed minks; defined by mutation: Y453F	False	No	No	Yes
	False	No	No	Yes
	False	No	No	No
	False	No	No	No
'NCOVAGGR'	True (Error)	No	No	No

Default (if not reported)	Date: Allowed formats	Number: Min value	Number: Max value	Validation rules
	yyyy, yyyy-Qq, yyyy-mm, yyyy-Www, yyyy-mm-dd			1. (Error) If DateUsedForStatistics is less than 2019-12-01 and DateUsedForStatistics is not 'Unk'
		0.0000000000	120.0000000000	1. (Error) If Age is greater than 1 and AgeMonth is reported 2. (Error) If Age is '0' and AgeMonth is greater than 11 3. (Error) If Age is '1' and AgeMonth is less than 12 4. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG1' 5. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG2' 6. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG3' 7. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG' 8. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREGPOST'
		0.0000000000	23.0000000000	1. (Error) If Age is greater than 1 and AgeMonth is reported 2. (Error) If Age is '0' and AgeMonth is greater than 11 3. (Error) If Age is '1' and AgeMonth is less than 12

				1. (Error) If ClinicalSymptoms is not 'ASY' and ClinicalSymptoms is not 'Unk' and ClinicalSymptoms is reported and Symptomatic is 'ASY'

	yyyy-mm-dd, UNK		<ol style="list-style-type: none"> 1. (Error) If DateOfDeath is before 2019-12-01 and DateOfDeath is not 'Unk' 2. (Error) If DateOfDeath is not 'UNK' and Outcome is 'ALIVE' 3. (Error) If DateOfDeath is not 'UNK' and Outcome is 'STILLTREATMENT' 4. (Error) If DateOfDeath is not reported and Outcome is not 'ALIVE' and Outcome is not 'STILLTREATMENT' and Outcome is not 'Unk' 5. (Error) If DateOfDeath is not 'Unk' and DateOfDeath is reported and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfICUHDU is after DateOfDeath 6. (Error) If DateOfDeath is not 'Unk' and DateOfDeath is reported and DateOfOnset is not 'Unk' and DateOfOnset is reported and DateOfOnset is after DateOfDeath 7. (Warning) If DateOfDeath is 'Unk' and Outcome is not 'ALIVE' and Outcome is not 'STILLTREATMENT' and Outcome is not 'Unk'
	yyyy-mm-dd, UNK		<ol style="list-style-type: none"> 1. (Error) If DateOfDischarge is before 2019-12-01 and DateOfDischarge is not 'Unk' 2. (Error) If DateOfDischarge is not 'Unk' and DateOfDischarge is reported and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfICUHDU is after DateOfDischarge 3. (Warning) If DateOfDischarge is not reported and Hospitalisation is 'Y'
	yyyy-mm-dd, UNK		<ol style="list-style-type: none"> 1. (Error) If DateOfHospitalisation is before 2019-12-01 and DateOfHospitalisation is not 'Unk' 2. (Error) If DateOfHospitalisation is not 'Unk' and DateOfHospitalisation is reported and DateOfHospitalisation is after DateOfICUHDU and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported 3. (Error) If DateOfHospitalisation is reported and Hospitalisation is 'N' 4. (Warning) If DateOfHospitalisation is not reported and Hospitalisation is 'Y'

	yyyy-mm-dd, UNK			<p>1. (Error) If DateOfICUHDU is before 2019-12-01 and DateOfICUHDU is not 'Unk'</p> <p>2. (Error) If DateOfDeath is not 'Unk' and DateOfDeath is reported and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfICUHDU is after DateOfDeath</p> <p>3. (Error) If DateOfDischarge is not 'Unk' and DateOfDischarge is reported and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfICUHDU is after DateOfDischarge</p> <p>4. (Error) If DateOfHospitalisation is not 'Unk' and DateOfHospitalisation is reported and DateOfHospitalisation is after DateOfICUHDU and DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported</p> <p>5. (Error) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfOnset is not 'Unk' and DateOfOnset is reported and DateOfOnset is after DateOfICUHDU</p> <p>6. (Error) If DateOfICUHDU is reported and Hospitalisation is 'N'</p> <p>7. (Error) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and Symptomatic is 'ASY'</p> <p>8. (Warning) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and IntensiveCare is 'Unk' and IntensiveCare is reported</p> <p>9. (Warning) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and IntensiveCare is not reported</p> <p>10. (Warning) If DateOfICUHDU is not reported and RespSupport is 'VENT'</p> <p>11. (Warning) If DateOfICUHDU is 'UNK' and RespSupport is 'VENT'</p> <p>12. (Warning) If DateOfICUHDU is not reported and RespSupport is 'ECMO'</p> <p>13. (Warning) If DateOfICUHDU is 'UNK' and RespSupport is 'ECMO'</p>
	yyyy-mm-dd, UNK			<p>1. (Error) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and DateOfOnset is not 'Unk' and DateOfOnset is reported and DateOfOnset is after DateOfICUHDU</p> <p>2. (Error) If DateOfOnset is before 2019-12-01 and DateOfOnset is not 'Unk'</p> <p>3. (Error) If DateOfDeath is not 'Unk' and DateOfDeath is reported and DateOfOnset is not 'Unk' and DateOfOnset is reported and DateOfOnset is after DateOfDeath</p> <p>4. (Error) If DateOfOnset is not 'Unk' and DateOfOnset is reported and Symptomatic is 'ASY'</p>

			<ol style="list-style-type: none"> 1. (Error) If Gender is 'M' and Precondition is 'PREG1' 2. (Error) If Gender is 'M' and Precondition is 'PREG2' 3. (Error) If Gender is 'M' and Precondition is 'PREG3' 4. (Error) If Gender is 'M' and Precondition is 'PREG' 5. (Error) If Gender is 'M' and Precondition is 'PREGPOST' 6. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG1' 7. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG2' 8. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG3' 9. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG' 10. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREGPOST'
			<ol style="list-style-type: none"> 1. (Warning) If HCWSetting is not reported and HealthCareWorker is 'Y' 2. (Warning) If HCWSetting is reported and HealthCareWorker is 'N'
			<ol style="list-style-type: none"> 1. (Warning) If HCWType is not reported and HealthCareWorker is 'Y' 2. (Warning) If HCWType is reported and HealthCareWorker is 'N'

				<ol style="list-style-type: none">1. (Warning) If HCWSetting is not reported and HealthCareWorker is 'Y'2. (Warning) If HCWSetting is reported and HealthCareWorker is 'N'3. (Warning) If HCWType is not reported and HealthCareWorker is 'Y'4. (Warning) If HCWType is reported and HealthCareWorker is 'N'
				<ol style="list-style-type: none">1. (Error) If DateOfICUHDU is reported and Hospitalisation is 'N'2. (Error) If DateOfHospitalisation is reported and Hospitalisation is 'N'3. (Warning) If DateOfDischarge is not reported and Hospitalisation is 'Y'4. (Warning) If DateOfHospitalisation is not reported and Hospitalisation is 'Y'
				<ol style="list-style-type: none">1. (Warning) If Imported is 'Y' and PlaceOfInfection is 'Unk'

				<ol style="list-style-type: none">1. (Error) If IntensiveCare is 'Y' and Symptomatic is 'ASY'2. (Warning) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and IntensiveCare is 'Unk' and IntensiveCare is reported3. (Warning) If DateOfICUHDU is not 'Unk' and DateOfICUHDU is reported and IntensiveCare is not reported4. (Warning) If IntensiveCare is 'Unk' and IntensiveCare is reported and NumberDaysICUHDU is not 'Unk' and NumberDaysICUHDU is reported5. (Warning) If IntensiveCare is not reported and NumberDaysICUHDU is not 'Unk' and NumberDaysICUHDU is reported6. (Warning) If IntensiveCare is not 'Y' and IntensiveCare is reported and RespSupport is 'VENT'7. (Warning) If IntensiveCare is not 'Y' and IntensiveCare is reported and RespSupport is 'ECMO'

		0.0000000000		<p>1. (Error) If NumberDaysICUHDU is not 'Unk' and NumberDaysICUHDU is reported and Symptomatic is 'ASY'</p> <p>2. (Warning) If IntensiveCare is 'Unk' and IntensiveCare is reported and NumberDaysICUHDU is not 'Unk' and NumberDaysICUHDU is reported</p> <p>3. (Warning) If IntensiveCare is not reported and NumberDaysICUHDU is not 'Unk' and NumberDaysICUHDU is reported</p> <p>4. (Warning) If NumberDaysICUHDU is not reported and RespSupport is 'VENT'</p> <p>5. (Warning) If NumberDaysICUHDU is 'UNK' and RespSupport is 'VENT'</p> <p>6. (Warning) If NumberDaysICUHDU is not reported and RespSupport is 'ECMO'</p> <p>7. (Warning) If NumberDaysICUHDU is 'UNK' and RespSupport is 'ECMO'</p>
				<p>1. (Error) If DateOfDeath is not 'UNK' and Outcome is 'ALIVE'</p> <p>2. (Error) If DateOfDeath is not 'UNK' and Outcome is 'STILLTREATMENT'</p> <p>3. (Error) If DateOfDeath is not reported and Outcome is not 'ALIVE' and Outcome is not 'STILLTREATMENT' and Outcome is not 'Unk'</p> <p>4. (Warning) If DateOfDeath is 'Unk' and Outcome is not 'ALIVE' and Outcome is not 'STILLTREATMENT' and Outcome is not 'Unk'</p>
				<p>1. (Warning) If Imported is 'Y' and PlaceOfInfection is 'Unk'</p>

				<ol style="list-style-type: none">1. (Error) If Gender is 'M' and Precondition is 'PREG1'2. (Error) If Gender is 'M' and Precondition is 'PREG2'3. (Error) If Gender is 'M' and Precondition is 'PREG3'4. (Error) If Gender is 'M' and Precondition is 'PREG'5. (Error) If Gender is 'M' and Precondition is 'PREGPOST'6. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG1'7. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG2'8. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG3'9. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREG'10. (Warning) If Age is less than 15 and Age is greater than 55 and Gender is 'F' and Precondition is 'PREGPOST'

				<ol style="list-style-type: none"> 1. (Warning) If DateOfICUHDU is not reported and RespSupport is 'VENT' 2. (Warning) If DateOfICUHDU is 'UNK' and RespSupport is 'VENT' 3. (Warning) If DateOfICUHDU is not reported and RespSupport is 'ECMO' 4. (Warning) If DateOfICUHDU is 'UNK' and RespSupport is 'ECMO' 5. (Warning) If IntensiveCare is not 'Y' and IntensiveCare is reported and RespSupport is 'VENT' 6. (Warning) If IntensiveCare is not 'Y' and IntensiveCare is reported and RespSupport is 'ECMO' 7. (Warning) If NumberDaysICUHDU is not reported and RespSupport is 'VENT' 8. (Warning) If NumberDaysICUHDU is 'UNK' and RespSupport is 'VENT' 9. (Warning) If NumberDaysICUHDU is not reported and RespSupport is 'ECMO' 10. (Warning) If NumberDaysICUHDU is 'UNK' and RespSupport is 'ECMO'

Validation messages	Sort order
	1
	2
	3
	4
	5
	6
1. DateUsedForStatistics date values before '2019-12-01' are not allowed.	7
	8
<p>1. AgeMonth must not be reported if Age is greater than two years old (Age >= 2).</p> <p>2. AgeMonth must be between 0 and 11, if Age is 0.</p> <p>3. AgeMonth must be between 12 and 23, if Age is 1.</p> <p>4. Pregnancy related precondition must be reported for female cases 15-55 years.</p> <p>5. Pregnancy related precondition must be reported for female cases 15-55 years.</p> <p>6. Pregnancy related precondition must be reported for female cases 15-55 years.</p> <p>7. Pregnancy related precondition must be reported for female cases 15-55 years.</p> <p>8. Pregnancy related precondition must be reported for female cases 15-55 years.</p>	10
<p>1. AgeMonth must not be reported if Age is greater than two years old (Age >= 2).</p> <p>2. AgeMonth must be between 0 and 11, if Age is 0.</p> <p>3. AgeMonth must be between 12 and 23, if Age is 1.</p>	10
	10

1. Patient reported as being asymptomatic but clinical symptoms reported.	10
	10
	10

<p>1. DateOfDeath date values before '2019-12-01' are not allowed.</p> <p>2. If a person is alive, then DateOfDeath should not be reported or it should be 'Unk'.</p> <p>3. If a person is alive, then DateOfDeath should not be reported or it should be 'Unk'.</p> <p>4. DateOfDeath should be reported when the case is known to be dead.</p> <p>5. The date of ICU/HDU admission should be equal to or less than the date of death.</p> <p>6. The date onset result should be equal to or less than the date of death.</p> <p>7. DateOfDeath should be reported when the case is known to be dead.</p>	10
<p>1. DateOfDischarge date values before '2019-12-01' are not allowed.</p> <p>2. The date of ICU/HDU admission should be equal to or less than the date of discharge.</p> <p>3. The date of discharge has to be reported when Hospitalisation is reported 'Y'.</p>	10
<p>1. DateOfHospitalisation date values before '2019-12-01' are not allowed.</p> <p>2. The date of ICU/HDU admission should be equal to or greater than the date of hospitalization.</p> <p>3. The date of hospitalisation cannot be reported when Hospitalisation is reported 'N'.</p> <p>4. The date of hospitalisation has to be reported when Hospitalisation is reported 'Y'.</p>	10

<p>1. DateOfICUHDU date values before '2019-12-01' are not allowed.</p> <p>2. The date of ICU/HDU admission should be equal to or less than the date of death.</p> <p>3. The date of ICU/HDU admission should be equal to or less than the date of discharge.</p> <p>4. The date of ICU/HDU admission should be equal to or greater than the date of hospitalization.</p> <p>5. The date of ICU/HDU admission should be equal to or greater than the date of onset.</p> <p>6. The date of ICU/HDU admission cannot be reported when Hospitalisation is reported 'N'.</p> <p>7. The date of ICU/HDU admission cannot be reported if the case is asymptomatic.</p> <p>8. Date of ICU/HDU admission is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown</p> <p>9. Date of ICU/HDU admission is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown</p> <p>10. Patient is recorded as having received invasive or non-invasive ventilation but a date of admission to ICU or HDU is missing.</p> <p>11. Patient is recorded as having received invasive or non-invasive ventilation but a date of admission to ICU or HDU is missing.</p> <p>12. Patient is recorded as having received ECMO but a date of admission to ICU or HDU is missing.</p> <p>13. Patient is recorded as having received ECMO but a date of admission to ICU or HDU is missing.</p>	10
<p>1. The date of ICU/HDU admission should be equal to or greater than the date of onset.</p> <p>2. DateOfOnset date values before '2019-12-01' are not allowed.</p> <p>3. The date onset result should be equal to or less than the date of death.</p> <p>4. The date of onset cannot be reported if the case is asymptomatic.</p>	10

<ol style="list-style-type: none"> 1. Male cases cannot have pregnancy related precondition. 2. Male cases cannot have pregnancy related precondition. 3. Male cases cannot have pregnancy related precondition. 4. Male cases cannot have pregnancy related precondition. 5. Male cases cannot have pregnancy related precondition. 6. Pregnancy related precondition must be reported for female cases 15-55 years. 7. Pregnancy related precondition must be reported for female cases 15-55 years. 8. Pregnancy related precondition must be reported for female cases 15-55 years. 9. Pregnancy related precondition must be reported for female cases 15-55 years. 10. Pregnancy related precondition must be reported for female cases 15-55 years. 	10
<ol style="list-style-type: none"> 1. Please provide the HCWSetting for healthcare workers. 2. HCW setting should only be reported if HealthCareWorker is 'Y' 	10
<ol style="list-style-type: none"> 1. Please provide the HCWType for healthcare workers. 2. HCW type should only be reported if HealthCareWorker is 'Y' 	10

<p>1. Please provide the HCWSetting for healthcare workers.</p> <p>2. HCW setting should only be reported if HealthCareWorker is 'Y'</p> <p>3. Please provide the HCWType for healthcare workers.</p> <p>4. HCW type should only be reported if HealthCareWorker is 'Y'</p>	10
	10
<p>1. The date of ICU/HDU admission cannot be reported when Hospitalisation is reported 'N'.</p> <p>2. The date of hospitalisation cannot be reported when Hospitalisation is reported 'N'.</p> <p>3. The date of discharge has to be reported when Hospitalisation is reported 'Y'.</p> <p>4. The date of hospitalisation has to be reported when Hospitalisation is reported 'Y'.</p>	10
<p>1. Case is reported as being imported but PlaceOfInfection is reported 'UNK'.</p>	10
	10
	10
	10

<p>1. Admission to ICU/HDU cannot be reported if patient is reported to be asymptomatic.</p> <p>2. Date of ICU/HDU admission is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown</p> <p>3. Date of ICU/HDU admission is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown</p> <p>4. Number of days in ICU/HDU is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown.</p> <p>5. Number of days in ICU/HDU is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown.</p> <p>6. Patient is not recorded as having been admitted to ICU or HDU but is recorded as having received invasive or non-invasive ventilation.</p> <p>7. Patient is not recorded as having been admitted to ICU or HDU but is recorded as having received ECMO</p>	10
	10

<p>1. The days spent in ICU/HDU cannot be reported if the case is asymptomatic.</p> <p>2. Number of days in ICU/HDU is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown.</p> <p>3. Number of days in ICU/HDU is reported but IntensiveCare (whether patient was admitted to IDU or HDU) is not reported or reported as unknown.</p> <p>4. Patient is recorded as having received invasive or non-invasive ventilation but number of days in ICU or HDU is missing.</p> <p>5. Patient is recorded as having received invasive or non-invasive ventilation but number of days in ICU or HDU is missing.</p> <p>6. Patient is recorded as having received ECMO but number of days in ICU or HDU is missing.</p> <p>7. Patient is recorded as having received ECMO but number of days in ICU or HDU is missing.</p>	10
<p>1. If a person is alive, then DateOfDeath should not be reported or it should be 'Unk'.</p> <p>2. If a person is alive, then DateOfDeath should not be reported or it should be 'Unk'.</p> <p>3. DateOfDeath should be reported when the case is known to be dead.</p> <p>4. DateOfDeath should be reported when the case is known to be dead.</p>	10
<p>1. Case is reported as being imported but PlaceOfInfection is reported 'UNK'.</p>	10
	10
	10

1. Male cases cannot have pregnancy related precondition. 2. Male cases cannot have pregnancy related precondition. 3. Male cases cannot have pregnancy related precondition. 4. Male cases cannot have pregnancy related precondition. 5. Male cases cannot have pregnancy related precondition. 6. Pregnancy related precondition must be reported for female cases 15-55 years. 7. Pregnancy related precondition must be reported for female cases 15-55 years. 8. Pregnancy related precondition must be reported for female cases 15-55 years. 9. Pregnancy related precondition must be reported for female cases 15-55 years. 10. Pregnancy related precondition must be reported for female cases 15-55 years.	10
	10
	10

<p>1. Patient is recorded as having received invasive or non-invasive ventilation but a date of admission to ICU or HDU is missing.</p> <p>2. Patient is recorded as having received invasive or non-invasive ventilation but a date of admission to ICU or HDU is missing.</p> <p>3. Patient is recorded as having received ECMO but a date of admission to ICU or HDU is missing.</p> <p>4. Patient is recorded as having received ECMO but a date of admission to ICU or HDU is missing.</p> <p>5. Patient is not recorded as having been admitted to ICU or HDU but is recorded as having received invasive or non-invasive ventilation.</p> <p>6. Patient is not recorded as having been admitted to ICU or HDU but is recorded as having received ECMO</p> <p>7. Patient is recorded as having received invasive or non-invasive ventilation but number of days in ICU or HDU is missing.</p> <p>8. Patient is recorded as having received invasive or non-invasive ventilation but number of days in ICU or HDU is missing.</p> <p>9. Patient is recorded as having received ECMO but number of days in ICU or HDU is missing.</p> <p>10. Patient is recorded as having received ECMO but number of days in ICU or HDU is missing.</p>	10
	10
	10
	10

Record type	Record type version	Variable	Full name
NCOV		3VirusVariant	Virus variant of SARS-CoV-2
NCOV		3VirusVariantOther	Virus variant type other specified
NCOV		3WgsEnaid	Wgs ENA identifier
NCOV		3WgsSequenceld	Wgs Sequence RA identifier
NCOVAGGR		2NumberSequencedViruses	Total number of sequenced viruses for this week of reporting
NCOVAGGR		2Variant501V2	Variant 501_V2
NCOVAGGR		2VariantCluster5	Variant Cluster 5
NCOVAGGR		2VariantSGeneDelete	Variant S Gene Deletion
NCOVAGGR		2VariantVOC_202012_01	Variant VOC_202012_01
NCOVAGGR		2VariantY453F	Variant Y453F

Description	Type
COVID-19 case with a variant virus of SARS-CoV-2 according to mutation pattern of specific concern identified by sequence analysis of the case, or in some cases by a specific RT-PCR pattern. If several apply, choose the most specific variant (highest number fo matching mutations).	CV
Specified variant type not captured in the coded values for VirusVariant variable as indicated in VARIANT_OTHER response for VirusVariant variable.	TEXT
European Nucleotide Archive (ENA) run identifier, based on which the sequence read data can be retrieved. Starts with ERR or SRR, i.e. not the sample or experiment which ERS/ERX or SRS/SRX.	TEXT
Sequence identifier for whole genome or gene sequence, based on which the sequence read data can be retrieved from external database such as GISAID, GenBank or other db (except ENA). GISAID isolate sequence accession number should be reported in format EPI_ISL_402123, GenBank MK334047.1. Please report ENAId in WgsEnald variable	TEXT
Total number of sequenced viruses for this week of reporting.	NUM
Number of South African variant cases (defined by mutations: L18F, D80A, D215G, del 242-244, R246I, K417N, E484K, N501Y, A701V).	NUM
Number of Denmark cluster 5 cases associated with mink (defined by mutations: del 69-70, Y453F, I692V, M1229I).	NUM
Number of variant virus cases with deletion in S-gene (defined by mutation: del 69-70 or by negative S-gene RT-PCR) not associated with the UK variant.	NUM
Number of cases with the UK variant of concern (defined by mutations: del 69-70, del 144, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H).	NUM
Number of cases with Y453F associated with farmed minks (defined by mutation: Y453F).	NUM

Coded value list	Coded value
VirusVariantNCOV	501_V2
VirusVariantNCOV	CLUSTER_5
VirusVariantNCOV	S_GENE_DELETION
VirusVariantNCOV	UNK
VirusVariantNCOV	VARIANT_OTHER
VirusVariantNCOV	VOC_202012_01
VirusVariantNCOV	WILD_TYPE
VirusVariantNCOV	Y453F

Description

SA variant; mutations: L18F,D80A,D215G,del 242-244,R246I,K417N,E484K,N501Y,A701V

DK cluster 5. Defined by mutations: del 69-70, Y453F, I692V, M1229I

Variant with deletion in S-gene; mutation: del 69-70 or negative S-gene RT-PCR

Sequence information unknown or not available

Novel variant of potential concern. Provide details in VirusVariantOther

UK variant; mutations: del69-70,del144,N501Y,A570D,D614G,P681H,T716I,S982A,D1118H

None of the variants described for this variable

Y453F associated with farmed minks; defined by mutation: Y453F