



Go.Data Metadata Summary

for COVID-19 Minimum Dataset

Goal of this document:

To describe the metadata elements within the core case investigation and contact tracing modules of Go.Data when using the default template outbreak **COVID-19 (WHO Minimum Dataset)** - available in each Go.Data fresh install. This template outbreak is aligned with the most up-to-date WHO Surveillance Guidance on Case Reporting and also contains an optional add-on for FFX protocol questionnaires if desired.

For questions please email godata@who.int

Section 1. Contact/Case Personal information

NOTE: generic across any outbreak

Cases > COUNTRY-ID-VIET-01 > Create contact

Selected outbreak
[Active] COVID-19 (Wt-
.....

Language
English

1 Personal 2 Address 3 Relationship 4 Done

First name *
John

Middle name
?

Last Name
Doe
?

Gender
Male

Pregnancy Status
No - Not Pregnant

Occupation
Health care worker

Age
54

Date of birth
Years
Years / Months

Contact ID
C-2020-9999
?

Date of reporting *
2020-04-15
?

Date of reporting approximate
?

Flag this contact with a risk level for additional attention

Risk level
3 - High

Reason

Data Elements (red indicates required field)			
variable_code_godata	label	type	Notes
first_name	Contact First Name	freetext	Can use additional unique country identifier here instead of name
middle_name	Contact Middle Name	freetext	
last_name	Contact Last Name	freetext	
gender	Gender	select_one_multiple	*see appendix for relevant option sets
occupation	Occupation	select_one_multiple	*see appendix for relevant option sets
pregnancy_status	Pregnancy Status	select_one_multiple	*see appendix for relevant option sets
age_months	Age - Months	numeric	Can also opt to fill in just DOB
age_years	Age - Years	numeric	Can also opt to fill in just DOB
contact_id / case_id	Contact ID / Case ID	freetext	Pre-defined ID-mask pattern that can be set by user as needed
date_of_reporting	Date of Report	date	YYYY-MM-DD
risk_level	Risk Level	select_one_multiple	*see appendix for relevant option sets
risk_reason	Risk reason	freetext	

Section 2. Contact/Case Location

NOTE: generic across any outbreak

1 Personal
2 Address
3 Relationship
4 Done

Type *
Current Address

Date
2020-04-15

Phone number
222-222-2222

Area *
KASANGA

City
Beni

Postal code

Address
Benengelu (Cellule)

Latitude *
0,4571575244

Longitude *
29,46405009

☐ Coordinates are accurate

Add another address

Core Data Elements (red indicates required field)			
variable_code_godata	label	type	Notes
address_type	Specify address type	select_one_multiple	e.g. current address vs. Previous residence, can add multiple addresses for given contact e.g. Some countries suggested to add "Place of containment" as an address as they are containing contacts in hotels or other designated places
area	Contact/Case Residence (recommended at least Admin 3)	select_one_multiple	select most granular level of location hierarchy to make use of mapping capability in platform. Go.Data stores parent locations above it and corresponding GPS. If possible, tag all people at same admin level for consistency.
phone_number	Contact/Case Phone number	freetext	
address	Address – Contact/Case Residence	freetext	A field for adding more description to exact household location. Can add as many "types" of addresses as you want and attach to person profile i.e. current residence, place of testing, previous address
postal_code	Postal Code – Contact/Case Residence	freetext	
city	City – Contact/Case Residence	freetext	
long	Longitude	calculated_field	Prepopulated depending on which area chosen from location tree; or exact coordinates can be taken through mobile App
lat	Latitude	calculated_field	Prepopulated depending on which area chosen from location tree; or exact coordinates reg. from mobile app

Section 3. Epidemiology (for cases only)

NOTE: generic across any outbreak

Personal

Address

3 Epidemiology

4 Questionnaire

5 Done

Classification *

Confirmed

Date of onset

2020-07-10

Date of onset approximate

Date of becoming case

2020-07-18

Date of infection

2020-07-08

Outcome

Recovered

Date of outcome

2020-07-18

Refused transfer to treatment unit

Hospitalization / Isolation details

Hospitalization / Isolation type *

Hospitalization

From

2020-07-18

To

2020-07-20

Centre name

Location

Trainingland

Comments

Add another hospitalisation

Core Data Elements (red indicates required field)

variable_code_godata	label	type	Notes
classification	Case classification	select_one_multiple	Can add in asymptomatic as a classification if desired or make other modifications in reference data as needed
date_of_onset	Date of onset	date	
date_of_onset_approx	Denote if Date of Onset is approximated	boolean	Toggle switch to indicate degree of certainty of date. Can choose to make Date of Onset required field or not in outbreak settings.
date_of_becoming_case	Date of becoming a case	date	
date_of_infection	Date of infection	date	
outcome	Outcome	select_one_multiple	
date_of_outcome	Date of outcome	date	
hosp_type1	Add type of hospitalization/isolation	select_one_multiple	Select here hosp, iso, icu, or can add other categories in ref data
date_hosp_admission1	Date of hospital admission	date	Can add as many hospitalizations/isolations as needed
date_hosp_disposition1	Date of hospital disposition	date	Can add as many hospitalizations/isolations as needed
hosp_centre_name1	Name of hospital/facility	freetext	
hosp_location_1	Location of hospital/facility	select_one_multiple	Can upload facility list into reference data

Section 4. Relationship (for contacts/exposures only)

NOTE: generic across any outbreak

Personal

Address

3 Relationship

4 Done

Case COUNTRY-ID-VIET-01

Date of first contact
2020-04-12

Date of last contact *
2020-04-14

☐ Is contact date estimated?

Certainty level *
3 - High

Exposure type
Direct physical contact

Exposure frequency
1-5 Times

Exposure duration
Medium (hours)

Context of Exposure
Hospital/healthcare

Cluster

Relationship

Comment

Core Data Elements (red indicates required field)			
variable_code_godata	label	type	Notes
source_case_id	Case or event that contact is exposed to	calculated_field	Create contact only from existing case or event
date_of_first_contact	Date of first contact	date	
date_of_last_contact	Date of last contact	date	
date_of_last_contact_approx	Denote if Date of Last Contact is approximated	boolean	Toggle switch to indicate degree of certainty of date.
certainty_level	Certainty level	select_one_multiple	*see appendix for relevant option sets
exposure_type	Exposure type	select_one_multiple	*see appendix for relevant option sets
exposure_frequency	Exposure frequency	select_one_multiple	*see appendix for relevant option sets
exposure_duration	Exposure duration	select_one_multiple	*see appendix for relevant option sets
cluster	Cluster	select_one_multiple	Select from existing clusters recorded in platform
context_of_exposure	Context of exposure	select_one_multiple	*see appendix for relevant option sets
relationship	Relationship	freetext	

Section 5: Contact Follow Up

Basic Information to be collected during follow up visit (or call)

NOTE: generic across any outbreak

1

Details

2

Questionnaire

3

Done

Contact

[John Doe](#)

Date *

2020-04-15

Targeted

Status *

This field is required

Next

1

Details

2

Questionnaire

3

Done

Contact

[John Doe](#)

Date *

2020-04-15

Targeted

Status *

None

Seen Ok

Seen Not Ok

Missed

Not attempted

Next

Optional COVID-19 contact follow-up questionnaire

NOTE: modifiable across outbreaks

Details

2 Questionnaire

3 Done

CLINICAL

Q1

Does the contact have fever (>38°C) today?

Select answer *
Yes

Q1

What is the maximum temperature (°C) today?

Write numeric value

Does the contact present the following symptoms/signs today?

Q2

Sore throat

Select answer *
No

Q3

Cough

Select answer *
No

Q4

Runny nose

Select answer *
No

Q5

Shortness of breath

Select answer *
No

Q6

Loss of smell (anosmia) or taste

Select answer
No

Q7

Other symptoms

Select answer
No

INITIAL SAMPLE COLLECTION

Q8

Has any sample been taken from the contact since the last visit?

Select answer
Yes

If a sample has been taken, please make sure to enter the information in the Lab results form.

FORM COMPLETION

Q9

If today is the first or last interview with the contact, please select the relevant additional form to fill out

Select answers

Back

Next

*NOTE: last question Q9 for COVID-19 Follow-Up Questionnaire prompts contact tracer to fill out a more lengthy form on first or last day of follow-up, comprising questions from Form B1 (Day 1) and Form B2 (Day 14 or 21) for FFX protocol

Core Data Elements (red indicates required field)

variable_code_godata	label	type	Notes
date_of_follow_up	Date of follow up being conducted	date	
daily_follow_up_status	Status of today's follow-up	select_one_multiple	<i>*see appendix for relevant option sets</i>
contact_DailyFU_Fever	Does the contact have fever (>38 C) today?	select_yes_no_unk	
contact_DailyFU_Fever_Max	What is the maximum temperature (C) today?	numeric	
contact_DailyFU_Fever_Unknown	If you don't know if contact has fever today, please explain the reason:	freetext	
	Does the contact present the following signs/symptoms today?		
contact_DailyFU_SoreThroat	Sore throat	select_yes_no_unk	
contact_DailyFU_cough	Cough	select_yes_no_unk	
contact_DailyFU_runnyNose	Runny nose	select_yes_no_unk	
contact_DailyFU_Breath	Shortness of breath	select_yes_no_unk	
contact_DailyFU_taste	Loss of smell or taste	select_yes_no_unk	
contact_DailyFU_other	Other symptoms	freetext	
contact_DailyFU_other_specify	Other symptoms, specify	freetext	
contact_DailyFU_Sample	Has any sample been taken from the contact since the last visit?	select_yes_no_unk	If yes, user is reminded to add info in the Lab results section on contact profile

Section 5: Lab Details (optional)

Adding Additional Lab details for a contact/case (can also be uploaded by lab personnel):

NOTE: generic across any outbreak

1 Details

2 Questionnaire

3 Done

Person [John Doe](#)

Sample lab ID

lab-12345

?

Sample taken *

2020-04-12

?

📅

Sample delivered to lab

2020-04-13

?

📅

Sample tested

2020-04-14

?

📅

Date of the result

2020-04-15

📅

Lab name

▼

Sample type

Throat swab

▼

Test type

PCR

▼

Result

Positive for targeted pathogen (if ▼)

Tested for

COVID-19

Status

Completed

▼

Quantitative result

Notes

Back

Next

Optional COVID-19 Lab questionnaire

NOTE: modifiable across outbreaks

Details

2 Questionnaire

3 Done

CLINICAL

Q1

Any symptoms or signs at time of specimen collection?

Select answer

Yes

Q2

Specimen shipped to another laboratory

Select answer

Yes

Q1

Name of laboratory

Write answer

Q2

Date of shipping

Select date

Back

Next

Core Data Elements (red indicates required field)

variable_code_godata	label	type	Notes
lab_sample_id	Sample Lab ID	freetext	
lab_date_sample_taken	Date Lab Sample Taken	date	
lab_date_sample_delivered	Date Lab Sample Delivered	date	
lab_date_sample_tested	Date Lab Sample Tested	date	
lab_date_sample_result	Date Lab Sample Result Obtained	date	
lab_name	Lab Name	freetext	
lab_sample_type	Type of Sample	select_one_multiple	<i>*see appendix for relevant option sets</i>
lab_test_type	Type of Lab Test	select_one_multiple	<i>*see appendix for relevant option sets</i>
lab_test_result	Lab Test Result	select_one_multiple	<i>*see appendix for relevant option sets</i>
lab_test_result_status	Lab Test Result Status	select_one_multiple	<i>*see appendix for relevant option sets</i>
lab_test_for	Fill in here what patient was tested for	freetext	
lab_test_result_quant	Quantitative result of lab	freetext	
signs_at_specimen_collection	Any symptoms or signs at time of specimen collection?	select_yes_no_unk	
specimen_shipped	Specimen shipped to another laboratory	select_yes_no_unk	
specimen_shipped_lab_name	If yes, name of lab	freetext	
specimen_shipped_date	If yes, date of shipping	date	

Section 6. Case Questionnaire

NOTE: modifiable across outbreaks

Can choose which of default **COVID-19 Case Questionnaires** you would like to use – or create your own. Defaults that exist are **WHO Case Reporting Form & FFX Protocol**

Personal Address Epidemiology **4 Questionnaire** 5 Done

FORM COMPLETION

- Q1** Submit Basic WHO Case Reporting Form Select answer *
- Q2** FOR FFX Only: Choose which form Select answers

Option 1: For more abridged case investigation – including all necessary core datapoints recommended by WHO – you can select **Basic WHO Case Reporting Form** (see below)

FORM COMPLETION

- Q1** Submit Basic WHO Case Reporting Form Select answer *
Yes
- Q1** Why tested for COVID-19? Select answer
- CLINICAL STATUS**
- Q2** Any underlying conditions? Select answer
- EXPOSURE RISK IN THE 14 DAYS PRIOR TO SYMPTOM ONSET (OR TESTING IF ASYMPTOMATIC)**
- Q5** Is case a Health Care Worker (any job in a health care setting)? Select answer
- Q6** Has the case travelled in the 14 days prior to symptom onset? Select answer
- Q7** Has the patient visited any health care facilities in the 14 days prior to symptom onset? Select answer
- OUTCOME (WHEN AVAILABLE OF 30 DAYS AFTER INITIAL REPORT)**
- **In addition to question below, please be sure to update the final clinical outcome of patient in EPIDEMIOLOGY section of Case Record**
- Q9** To summarize care received by COVID-19 patient, check below all that apply: Select answers

Personal

Address

Epidemiology

4 Questionnaire

5 Done

Q1

Submit Basic WHO Case Reporting Form

Q2

FOR FFX Only: Choose which form

FORM COMPLETION

Select answer *

No

Select answer

☐ Form A0: Minimum data reporting form – for suspected and probable cases

☐ Form A1: Case initial reporting form – for confirmed cases (Day 1)

☐ Form A2: Case follow-up form – for confirmed cases (Day 14-21)

Personal

Address

Epidemiology

Questionnaire

Done

FORM COMPLETION

Q1

Submit Basic WHO Case Reporting Form

Select answer *

No

Q2

FOR FFX Only: Choose which form

Select answers

Form A0: Minimum data reporting form – for suspected and probable cases

Q1

Unique case ID/cluster number (if applicable)

Write answer

Data Collector Information

Q2

Data collector name

Write answer

Q3

Data collector institute

Write answer

Q4

Data collector telephone

Write answer

Q5

Data collector email

Write answer

Case Identifier Information

Q6

Case email

Write answer

Q7

Case national social number/identifier (if applicable)

Write answer

Core Data Elements – Basic Case Reporting Form Questionnaire (red indicates required field)

variable_code_godata	label	type	Notes
complete_basic_questionnaire	Submit Basic WHO Case Reporting Form	yes_no	Nested questions appear if yes
comcond_other	Other, specify	freetext	
Comcond_present	Does the patient have any underlying conditions?	select_one_multiple	<i>*see appendix for relevant option sets</i>
Comcond_select	If yes, please check all that apply:	select_one_multiple	<i>*see appendix for relevant option sets</i>
expo_case_setting_detail	Explain contact setting	freetext	
expo_contact_case	Has the patient had contact with a confirmed case?	select_one_multiple	<i>*see appendix for relevant option sets</i>
expo_case_location	Likely country of exposure	freetext	
expo_travel	Has the patient travelled in the 14 days prior to symptom onset?	select_one_multiple	<i>*see appendix for relevant option sets</i>
expo_travel_city1	Specify city travelled to 1	freetext	
expo_travel_city2	Specify city travelled to 2	freetext	
expo_travel_city3	Specify city travelled to 3	freetext	
expo_travel_country1	Specify country travelled to 1	freetext	
expo_travel_country2	Specify country travelled to 2	freetext	
expo_travel_country3	Specify country travelled to 3	freetext	
expo_travel_date1	Specify date departed from 1 (YYYY-MM-DD)	date	
expo_travel_date2	Specify date departed from 2 (YYYY-MM-DD)	date	
expo_travel_date3	Specify date departed from 3 (YYYY-MM-DD)	date	
expo_visit_healthcare	Has the patient visited any health care facilities in the 14 days prior to symptom onset	select_one_multiple	<i>*see appendix for relevant option sets</i>
patcourse	To summarize care received by COVID-19 patient, check below all that apply:	select_one_multiple	<i>*see appendix for relevant option sets</i>
patinfo_occuhcw	Is case a Health Care Worker (any job in a health care setting)?	select_one_multiple	<i>*see appendix for relevant option sets</i>
patinfo_occuhcw_city	Healthcare worker city	freetext	
patinfo_occuhcw_country	Healthcare worker country	freetext	
patinfo_occuhcw_name	Healthcare worker facility name	freetext	
report_test_reason	Why the case was tested for COVID-19	select_one_multiple	<i>*see appendix for relevant option sets</i>

NOTE: for brevity, FFX data elements are not listed in this document. Please view all information on components of FFX protocol here: [https://www.who.int/publications/i/item/the-first-few-x-\(ffx\)-cases-and-contact-investigation-protocol-for-2019-novel-coronavirus-\(2019-ncov\)-infection](https://www.who.int/publications/i/item/the-first-few-x-(ffx)-cases-and-contact-investigation-protocol-for-2019-novel-coronavirus-(2019-ncov)-infection)

Option sets for categorical variables:

NOTE: modifiable across outbreaks

We have created default option sets for **categorical variables** in Go.Data that align with **WHO COVID-19 Case Reporting Form** template, but you are free to edit as needed for your context.

Option Sets		
variable_code	optionset_code	optionset_label
gender	male	Male
gender	female	Female
pregnancy_status	no_not_pregnant	Not pregnant
pregnancy_status	yes_first_tri	Yes - First trimester
pregnancy_status	yes_second_tri	Yes - Second trimester
pregnancy_status	yes_third_tri	Yes - Third trimester
pregnancy_status	yes_tri_unk	Yes - Trimester Unknown
risk_level	1	Low
risk_level	2	Medium
risk_level	3	High
certainty_level	1	Low
certainty_level	2	Medium
certainty_level	3	High
exposure_type	ate_drunk	Ate/drank contaminated material
exposure_type	indirect	Indirect contact (touched contaminated surface/materials/fomites etc.)
exposure_type	direct_non_phys	Direct non-physical contact (within 1 meter)
exposure_type	sexual	Sexual exposure
exposure_type	direct_phys	Direct physical contact
exposure_type	other	Other (please specify in comment field)
exposure_type	intrav	Intravenous exposure
exposure_frequency	6_to_10	6-10 Times
exposure_frequency	1_to_5	1-5 Times
exposure_frequency	11_to_20	11-20 Times
exposure_frequency	over_21	Over 21 times
exposure_frequency	unk	Unknown
exposure_duration	seconds	Very short (seconds)
exposure_duration	minutes	Short (minutes)
exposure_duration	hours	Medium (hours)
exposure_duration	days	Long (days)
context_of_exposure	hospital	Hospital/healthcare
context_of_exposure	home	Home/household
context_of_exposure	workplace	Workplace
context_of_exposure	tour	Tour group
context_of_exposure	other	Other (please specify in comment field)
context_of_exposure	unk	Unknown
final_follow_up_status	under_fup	Under Follow-up
final_follow_up_status	lost_fup	Lost to Follow-up
final_follow_up_status	completed	Follow-up Completed

final_follow_up_status	died	Died
final_follow_up_status	never_ill	Never ill/not a case
daily_follow_up_status	seen_ok	Seen Ok
daily_follow_up_status	not_performed	Not performed
daily_follow_up_status	not_attempted	Not attempted
daily_follow_up_status	seen_ok	Seen Not Ok
daily_follow_up_status	missed	Missed
case_classification	suspect	Suspect
case_classification	probable	Probable
case_classification	confirmed_asymp	Confirmed (Asymptomatic)
case_classification	confirmed_sympt	Confirmed (Symptomatic)
case_classification	not_a_case	Not a case (discarded)
hospitalization_isolation_type	other	Other
hospitalization_isolation_type	isolation	Isolation
hospitalization_isolation_type	hosp_other_conditions	Hospitalization for other medical conditions
hospitalization_isolation_type	hosp	Hospitalization
hospitalization_isolation_type	accid_emerg	A&E visit
hospitalization_isolation_type	icu	ICU Admission
hospitalization_isolation_type	phc	Primary health care PHC (GP, etc) visit
occupation	civil_servant	Civil servant
occupation	health_worker	Health care worker
occupation	teacher	Teacher
occupation	farmer	Farmer
occupation	student	Student
occupation	traditional_healer	Traditional healer
occupation	butcher	Butcher
occupation	child	Child
occupation	hunter	Hunter
occupation	health_worker	Health laboratory worker
occupation	other	Other
occupation	unk	Unknown
occupation	taxi_driver	Taxi driver
occupation	religious_leader	Religious leader
occupation	working_animals	Working with animals
occupation	merchant	Merchant
occupation	housekeeper	Housekeeper
type_of_sample	blood	Blood
type_of_sample	nasopharyngeal_swab	Nasopharyngeal swab
type_of_sample	csf	CSF
type_of_sample	skin_biopsy	Skin biopsy
type_of_sample	sputum	Sputum
type_of_sample	throat_swab	Throat swab
type_of_sample	endotracheal_aspirate	Endotracheal aspirate
type_of_sample	nasal_swab	Nasal swab
type_of_sample	faeces	Faeces
type_of_sample	other	Other (specify in Notes field)
type_of_sample	pleural_fluid	Pleural fluid
type_of_sample	serum	Serum
type_of_sample	urine	Urine

type_of_lab_result	rt_pcr	RT-PCR
type_of_lab_result	whole_sequencing	Whole genome sequencing
type_of_lab_result	partial_sequencing	Partial genome sequencing
type_of_lab_result	Other_serology	Other serological test (specify in Notes field)
type_of_lab_result	pcr	PCR
type_of_lab_result	rdt	Rapid diagnostic test (RDT)
type_of_lab_result	ifa	Immunofluorescence assay (IFA)
type_of_lab_result	neutralization	Neutralization assay
type_of_lab_result	elisa	ELISA test
type_of_lab_result	Other_molec	Other molecular test (specify in Notes field)
lab_test_result	positive	Positive for targeted pathogen (if serology, enter titre in Quantitative result)
lab_test_result	negative	Negative for targeted pathogen
lab_test_result	inconclusive	Inconclusive for targeted pathogen
lab_test_result	positive_other	Positive for other pathogens (specify in Notes field)
lab_test_result_status	in_progress	In progress
lab_test_result_status	completed	Completed