

COVID-19 Cohorts Summary & Guidance

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COVID-19 Cohort Guidance Summary Use Case #2

The following cohorts are being used today across the country for coronavirus tracking :

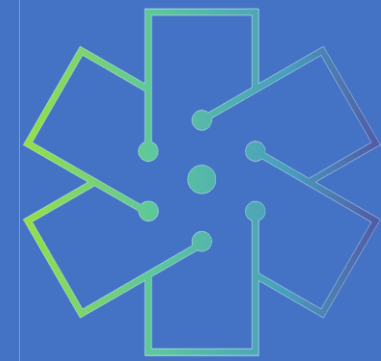
1. A cohort that tracks the use of COVID-19, coronavirus and other key words as part of chief complaint .
2. A cohort that tracks coronavirus diagnosis codes.
3. A cohort that tracks commonly related symptoms to coronavirus such as pneumonia and acute respiratory distress to hotspot outbreaks and alert case managers to their patient's hospital activity.

Please be advised that we do NOT have confirmed cases available for reporting and there will be many, **many false positives** in the data we are able to provide. The diagnoses we have in our system are "working" or "presumptive" diagnoses based on the provider work ups of suspected patients. Providers may put the diagnoses into the EHR so they can order the COVID-19 test but Collective does NOT receive confirmation of diagnosis.

*As of April 1st, 2020 COVID-19 will have it's own designated diagnosis code which will be included in the second cohort above.

For more resources and updates on COVID-19, please visit the [Oregon Health Authority website](#)

COVID-19 Cohorts



Member Identified	Criteria	Use Case
Coronavirus Chief Complaint Cohort	<ol style="list-style-type: none">1. Free text of “coronavirus” or “corona virus” or “covid”2. Free text of “flu like” “flu-like”	<p>Possible (but not confirmed) COVID-19 chief complaint cohort.</p> <p>Engage members to educate and support in isolation protocols for those discharged to home.</p>
Possible Coronavirus Diagnosis Cohort	<ol style="list-style-type: none">1. B97.29 Other Coronavirus2. B34.2 Coronavirus infection, unspecified3. U07.1 2019-nCOV Acute Respiratory Disease*	<p>Possible (but not confirmed) COVID-19 diagnosis cohort.</p> <p>Engage members to educate and support in isolation protocols for those discharged to home.</p>
Related Coronavirus Diagnoses Cohort	<ol style="list-style-type: none">1. J12.89 Pneumonia2. J20.8 Bronchitis3. J22 Lower Respiratory Infection4. J80 Acute Respiratory Distress5. Z20.828 Contact with and suspected exposure to other viral communicable diseases.	<p>High level trends of coronavirus related diagnoses.</p> <p>Possibly useful in a scenario where testing protocols are not yet in place or may be lacking and leveraging of related diagnoses might indicate possible early hotspots to prioritize testing or resources.</p>

CDC Reference Documentation:
<https://www.hiacode.com/education/icd10-code-for-2019-novel-coronavirus-covid-19/>

Reporting, notifications and customizations

- ❖ Recommended report columns are included in the following slide and customizable upon request.
- ❖ Age of patient included in all reporting. Age specific cohorts provided upon request.
- ❖ Notifications and alerting is not recommended due to presumptive nature of the data provided and potential fatigue but will be provided upon request.
- ❖ Upon request can combine Possible Coronavirus Diagnoses cohort with Coronavirus Chief Complaint due to variation in data fields provided within hospital data feeds.

Report Columns

First Name

Last Name

Member ID

Age

Admit Date

Major Class

Visit Type

Visit Facility

Discharge Date

Diagnosis Code

Diagnosis Chief Complaint

12 Month ED Count

12 Month IP Count

Encounter Cohort