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CSTE-CDC COVID-19 Core Epi Workgroup Meeting:

Date:	Wednesday October 12, 2022
Start/End Time:	1:00-2:00p

CSTE-CDC Core Epi COVID-19 WG Notes and Action Items

#	Topic	Items
1.	Introductions	Open and Welcome – Katie Brown, MA
2.	MIS-C Case Definition Transition	MIS-C Case Definition Transition - Michael Melgar and Allison Miller, CDC - To revise, convened expert group, reviewed literature, and voted on during CSTE annual meeting for 2023 update Case Definition Changes - Kawasaki Disease can serve as an alternative diagnosis - There is no longer a duration on fever - Death OR hospitalization - Lab evidence of inflammation is limited to CRP ≥ 3.0 - Organ system revisions – each organ system has a list of specific involvement and neurologic, renal, and respiratory are removed, and shock is given its own category - Introduces case classification: Confirmed – meets clinical criteria, organ/system involvement, fever, and confirmed lab criteria - Probable = clinical criteria and epi linkage - Suspect = only meets VR criteria CRF (2.0): - Streamlined some sections - Updated vaccine sections - Updated antibody testing to allow for spike and nucleocapsid ab - Overall a reduction in variables (1.0 had 231 variables, 2.0 for 2023 CRF is 156 variables) - MIS-C data are stored within HHS Protect cloud based system through DCIPHER platform, received in multiple formats - CDC uses these variables to see if patient meets case definition - All of prior cases that met the case definition will be grandfathered in, even if they don't meet the new 2023 case definition - Both 'old' and 'new' data will be housed in the HHS protect MIS-C data pipeline, however, old data will not be lost Need to determine how to approach cases with symptom onset in 2022, reported in 2023 (given reporting delays) - Consensus to use year of symptom onset with 2022 using old case definition and any MIS-C reported with symptom onset 2023 or thereafter using the 2023 case definition. Nov 7, 2022 at 3:30pm CDC Special Topic Webinar – all of this to be presented for implementation approach webinar
3.	Breakthrough Surveillance Update	Breakthrough Surveillance Update – Heather Scobie, CDC CDC website on rates of COVID-19 cases and deaths by vaccination status: https://covid.cdc.gov/covid-data-tracker/#rates-by-vaccine-status

		• CDC reviewed current data streams and approaches and considerations for breakthrough surveillance data and definitions moving forward: ◦ 32 jurisdictions through three different reporting mechanisms, NNDSS MMGs, DCIPHER CSVs for COVID-19, line list data for fully vaccinated cases or those who received a primary series with monthly upload into SAMS, or aggregate reporting through SAMS ◦ Hoping to move into routine reporting streams/NNDSS for all ◦ Proposed mono/bivalent booster definition ◦ Recently met with STLTs that participate and they voted on definitions to classify monovalent or bivalent boosters, based on CVX codes after specific dates (August 13, 2021 and on or after September 1, 2022). Combining monovalent/bivalent booster. ◦ Not worth separating out primary series from booster doses. ◦ Will analyze by time since last booster dose, by age group, and mono/bivalent booster (2 wks - <3 mos, 3 - <6 mos, 6 - 9mos, 9-12mos, 12+mos). • WG members discussed of how these changes will be represented visually on the data tracker and requested to have this WG review mock-ups prior to public release, if possible. • Discussion of whether they can analyze mixed vaccine series and boosters versus all the same type of vaccine. They do have this line list data for 2/3rd of the cases, however, challenging to analyze due to confounders. Very complicated with prior infections, unknown/undiagnosed/unreported infections, reinfections, and variations of levels of vaccinations. Research data would be useful in this scenario rather than surveillance data.
4.	Future Topics	Future Call Topics and Tentative Agendas • (Date TBD) ◦ CDC COVID-19 Surveillance Framework • Other topics of interest

Action Items

#	Activities/ Deliverables	Action Item/Responsible	Due Date	Status
1.	MIS-C Case Definition Transition	☐ Nov 7, 2022 3:30pm CDC Special Topic Webinar on MIS-C Case Surveillance Definition Transition and Implementation	11/7/22	Pending
October 26th meeting CANCELED Next Meeting: Wednesday NOVEMBER 9, 2022, 1-2PM Eastern				