Fentanyl Overdose v2 Parsed_03-08-2024

Source: [ESSENCE - NSSP Syndrome Definitions (syndromicsurveillance.org)]

Definition:

Search CC and DD Parsed Free Text:
(,^;T40411A^,OR,^;T40414A^,OR,^;290201006;^,OR,^;290202004;^,OR,^;290204003;^,OR,^;295193008;^,OR,^;295194002;^,OR,^;295196000;^,),OR,(,(,^f[ea]nt^,OR,^ph[ea]nt^,),AND,(,^naloxo^,OR,^narcan^,OR,^evzio^,),),OR,(,(,(,^f[ea]nt^,OR,^ph[ea]nt^,),AND,(,^poison^,OR,^verdo[sez][se]^,OR,^over dose^,OR,^overose^,OR,^ nod^,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,^unresponsive^,OR,^loss of consciousness^,OR,^unconscious^,OR,^syncop^,OR,^shortness of breath^,OR,^short of breath^,OR,^altered mental status^,OR,^agonal breath^,OR,^agonal resp^,OR,^stopped breathing^,OR,^pinpoint^,OR,^dilated pupil^,OR,^slump^,OR,^cyanosis^,OR,^blue lips^,OR,^hypoxia^,),),ANDNOT,(,^administered f[ea]nt^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] administered^,OR,^f[ea]nt[aiyn][nly][aioyl] administered^,OR,^f[ea]nt[aiyn][nly] administered^,OR,^f[ea]nt[aiyn] administered^,OR,^f[ea]nt administered^,OR,^given f[ea]nt^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] given^,OR,^f[ea]nt[aiyn][nly][aioyl] given^,OR,^f[ea]nt[aiyn][nly] given^,OR,^f[ea]nt[aiyn] given^,OR,^f[ea]nt given^,OR,^gave f[ea]nt^,OR,^got f[ea]nt^,OR,^rec[ei]ved f[ea]nt^,OR,^pta f[ea]nt^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] [ie]n route^,OR,^f[ea]nt[aiyn][nly][aioyl] [ie]n route^,OR,^f[ea]nt[aiyn][nly] [ie]n route^,OR,^f[ea]nt[aiyn] [ie]n route^,OR,^f[ea]nt [ie]n route^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] [ie]nroute^,OR,^f[ea]nt[aiyn][nly][aioyl] [ie]nroute^,OR,^f[ea]nt[aiyn][nly] [ie]nroute^,OR,^f[ea]nt[aiyn] [ie]nroute^,OR,^f[ea]nt [ie]nroute^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] route^,OR,^f[ea]nt[aiyn][nly][aioyl] route^,OR,^f[ea]nt[aiyn][nly] route ^,OR,^f[ea]nt[aiyn] route^,OR,^f[ea]nt route^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] by EMS^,OR,^f[ea]nt[aiyn][nly][aioyl] by EMS^,OR,^f[ea]nt[aiyn][nly] by EMS^,OR,^f[ea]nt[aiyn] by EMS^,OR,^ f[ea]nt by EMS^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] on board^,OR,^f[ea]nt[aiyn][nly][aioyl] on board^,OR,^f[ea]nt[aiyn][nly] on board^,OR,^f[ea]nt[aiyn] on board^,OR,^f[ea]nt on board^,OR,^f[ea]nt[aiyn][nly][aioyl][ln] [123456789][0257][05]^,OR,^f[ea]nt[aiyn][nly][aioyl] [123456789][0257][05]^,OR,^f[ea]nt[aiyn][nly] [123456789][0257][05]^,OR,^f[ea]nt[aiyn] [123456789][0257][05]^,OR,^f[ea]nt [123456789][0257][05]^,OR,^[123456789][0257][05] f[ea]nt^,OR,^[123456789][05] f[ea]nt^,OR,^[123456789][0257][05] of f[ea]nt^,OR,^[123456789][05] of f[ea]nt^,OR,^doses of f[ea]nt^,OR,^mcg f[ea]nt^,OR,^mcgs f[ea]nt^,OR,^mcg of f[ea]nt^,OR,^mcgs of f[ea]nt^,OR,^mg of f[ea]nt^,OR,^milligram f[ea]nt^,OR,^milligram of f[ea]nt^,OR,^mcq f[ea]nt^,OR,^mcq of f[ea]nt^,OR,^mcf f[ea]nt^,OR,^mcf of f[ea]nt^,OR,^mcb f[ea]nt^,OR,^mcb of f[ea]nt^,OR,^mch f[ea]nt^,OR,^mch of f[ea]nt^,OR,^intranasal f[ea]nt^,OR,^intramuscular f[ea]nt^,OR,^diffent^,OR,^fenton^,OR,^phantom^,OR,^phentermine^,OR,^phentrimine^,OR,^fentermine^,OR,^phenteramine^,OR,^fanting^,OR,^fanted^,OR,^elephant^,OR,^elphant^,OR,^infant^,OR,^no loss of conscious^,OR,^denie[sd] loss of consciousness^,OR,^negative loss of consciousness^,OR,^with dra^,OR,^withdra^,OR,^withraw^,OR,^detox^,OR,^dtox^,OR,^detos^,OR,^denies sob^,OR,^nodule^,OR,^node^,OR,^accifent^,OR,^signifantly^,OR,^ibuprofent^,OR,^bonfante^,),)

Description:

This is the same logic as the CCDD Category CDC Fentanyl Overdose v1, but adapted to query the CCDD Parsed field. Because of the parsed nature of the new field, results may be different. CDC scientists developed this definition by building off the Opioid v3 syndrome definition to capture only overdoses that indicated fentanyl involvement. First, International Classification of Diseases, 10th Revision (ICD-10-CM) and Systematized Nomenclature of Medicine (SNOMED) diagnosis codes indicating acute fentanyl poisoning were identified. Next, identification of both fentanyl-specific and overdose terms that could be presented in the chief complaint free text field were identified. Lastly, exclusion terms for fentanyl were identified such that administration in the health care setting did not inadvertently capture records.

The factsheet is available here:
https://knowledgerepository.syndromicsurveillance.org/cdc-fentanyl-overdose-v2-parsed