

**CDC Cocaine Overdose v1
Definition Factsheet & Technical Brief**

Description: To assist state, local, tribal, territorial, and federal public health practitioners in monitoring emergency department visits for suspected cocaine overdose using syndromic surveillance data.

New or Revised Definition: New

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Authored by the NSSP Community of Practice.

Table 1. Inclusion and exclusion terms.

Terms	Description
<i>Inclusion</i>	
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)	
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter
F14.12	Cocaine abuse with intoxication
F14.22	Cocaine dependence with intoxication
F14.92	Cocaine use, unspecified with intoxication
International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM)	
970.81	Poisoning by cocaine
SNOMED Concepts	
296321004	Overdose of cocaine (disorder)
216583009	Accidental poisoning caused by cocaine (disorder)
290545007	Cocaine poisoning of undetermined intent (disorder)
296325008	Overdose of crack cocaine (disorder)
9982009	Poisoning caused by cocaine (disorder)
Chief Complaint – Conditional Inclusion: At Least One Overdose / Clinical-Effect Term AND At Least One Cocaine / Crack / Stimulant Term	
Group A: Overdose / Clinical-Effect Terms	
poison	
verdo[se][es]	
over dose	
overose	
snort	
in[gj]est	

Terms	Description
altered mental status	
seizure	
agitat	
palpitation	
cardi[ao]	
chest pain	
hypertens	
heart attack	
myocard	
stroke	
tach[iy]	
squeeze in chest	
squeezing in chest	
chest tight	
tightness in chest	
chest pressure	
pressure in chest	
Group B: Cocaine / Crack / Stimulant Terms	
speedball	
speed ball	
coc[ai][ia]ne	
cocc[ai][ia]ne	
cocane	
cocanne	
coke	
crack	
<i>Exclusion</i>	
Chief Complaint	
crackle	
crackled	
cracked	
cracking	

Terms	Description
cracks	
crackles	
crackling	
crackinling	
crackiling	
cracker	
crackers	
crackels	
crackly	
mccracken	
buttock	
a crack	
crack in	
knee crack	
shoulder crack	
butt crack	
ankle crack	
callous crack	
crack due to	
pop crack	
loud crack	
it crack	
heard crack	
felt crack	
fell crack	
snap crack	
growth plate	
to crack of	
crack sidewalk	
sidewalk crack	
tooth	
teeth	

Terms	Description
hands cracke	
heard something	
nail	
cracky	
crack area	
crack cast	
back crack	
crack of	
crack his	
neck crack	
crack neck	
my crack	
glass crack	
crack on	
crack to	
foot crack	
denie[sd] snort	
denie[sd] in[gj]est	
denie[sd] altered mental status	
denie[sd] seizure	
denie[sd] agitat	
denie[sd] chest pain	
denie[sd] palpitation	
denie[sd] cardi[ao]	
denie[sd] hypertens	
denie[sd] heart attack	
denie[sd] myocard	
denie[sd] stroke	
denie[sd] tach[iy]	
denie[sd] squeeze in chest	
denie[sd] squeezing in chest	
denie[sd] chest tight	

Terms	Description
denie[sd] tightness in chest	
denie[sd] chest pressure	
denie[sd] pressure in chest	
no snort	
no in[gj]est	
no altered mental status	
no seizure	
no agitat	
no chest pain	
no palpitation	
no cardi[ao]	
no hypertens	
no heart attack	
no myocard	
no stroke	
no tach[iy]	
no squeeze in chest	
no squeezing in chest	
no chest tight	
no tightness in chest	
no chest pressure	
no pressure in chest	
denies drug	
deny drug	
denied drug	
denying drug	
denies any drug	
with dra	
withdra	
detoxification	
detos	
detoz	

Terms	Description
dtox	
coker	
coke bottle	
coke can	
coke case	
case of coke	
bottle of coke	
bottles of coke	
jack and coke	
diet coke	
coke tea	
coffee coke	
delirium tremens coke	
drink a coke	
jack coke	
dirnking coke	
coke tab	
scotch coke	
drinking coke	
aspirating on coke	
coke colored	
drank coke	
drank a coke	
baker act	
psychiatric evaluation	
fever	
fall	
suicid	
Chief Complaint – Nested Together with AND	
rib	
crack	
Chief Complaint – Nested Together with AND	

Terms	Description
lip	
crack	
Chief Complaint – Nested Together with AND	
buttock	
crack	
Chief Complaint – Nested Together with AND	
rum	
coke	

Table 2. ESSENCE syntax.

(,^[/]970.81[/]^,or,^[/]97081[/]^,or,^[/]T40.5X1A^,or,^[/]T405X1A^,or,^[/]T40.5X4A^,or,^[/]T405X4A^,or,^2 96321004^,or,^216583009^,or,^290545007^,or,^296325008^,or,^9982009^),or,(,(,^poison^,or,^verdo[se] [es]^,or,^over dose^,or,^overose^,or,^snort^,or,^in[gj]est^,or,^altered mental status^,or,^seizure^,or,^agitat^,or,^palpitation^,or,^cardi[ao]^,or,^chest pain^,or,^hypertens^,or,^heart attack^,or,^myocard^,or,^stroke^,or,^tach[iy]^,or,^squeeze in chest^,or,^squeezing in chest^,or,^chest tight^,or,^tightness in chest^,or,^chest pressure^,or,^pressure in chest^),and,(,^speedball^,or,^speed ball^,or,^coc[ai][ia]ne^,or,^cocc[ai] [ia]ne^,or,^cocane^,or,^cocanne^,or,^coke^,or,^crack^,or,^[/]F14.12^,or,^[/]F1412^,or,^[/]F14.22^,or,^[/]F142 2^,or,^[/]F14.92^,or,^[/]F1492^),),andnot, (,^crackle^,or,^crackled^,or,^cracked^,or,^cracking^,or,^cracks^,or,^crackles^,or,^crackling^,or,^crackinling^,or,^c rackiling^,or,^cracker^,or,^crackers^,or,^crackels^,or,^crackly^,or,^mccracken^,or,^buttockcrack^,or,^a crack^,or,^crack in^,or,^knee crack^,or,^shoulder crack^,or,^butt crack^,or,^ankle crack^,or,^callous crack^,or,^crack due to^,or,^pop crack^,or,^loud crack^,or,^it crack^,or,^heard crack^,or,^felt crack^,or, (^rib^,and,^crack^),or,^fell crack^,or,^snap crack^,or,^growth plate^,or,^to crack of^,or,^crack sidewalk^,or,^sidewalk crack^,or,^tooth^,or,^teeth^,or,^hands cracke^,or,^heard something^,or,^nail^,or,^cracky^,or,^crack area^,or,^crack cast^,or,^back crack^,or,^crack of^,or,^crack his^,or, (^lip^,and,^crack^),or,^neck crack^,or,^crack neck^,or,^my crack^,or,^glass crack^,or, (^buttock^,and,^crack^),or,^crack on ^,or,^crack to ^,or,^foot crack^,or,^denie[sd] snort^,or,^denie[sd] in[gj]est^,or,^denie[sd] altered mental status^,or,^denie[sd] seizure^,or,^denie[sd] agitat^,or,^denie[sd] chest pain^,or,^denie[sd] palpitation^,or,^denie[sd] cardi[ao]^,or,^denie[sd] hypertens^,or,^denie[sd] heart attack^,or,^denie[sd] myocard^,or,^denie[sd] stroke^,or,^denie[sd] tach[iy]^,or,^denie[sd] squeeze in chest^,or,^denie[sd] squeezing in chest^,or,^denie[sd] chest tight^,or,^denie[sd] tightness in chest^,or,^denie[sd] chest pressure^,or,^denie[sd] pressure in chest^,or,^no snort^,or,^no in[gj]est^,or,^no altered mental status^,or,^no seizure^,or,^no agitat^,or,^no chest pain^,or,^no palpitation^,or,^no cardi[ao]^,or,^no hypertens^,or,^no heart attack^,or,^no myocard^,or,^no stroke^,or,^no tach[iy]^,or,^no squeeze in chest^,or,^no squeezing in chest^,or,^no chest tight^,or,^no tightness in chest^,or,^no chest pressure^,or,^no pressure in chest^,or,^denies drug^,or,^deny drug^,or,^denied drug^,or,^denying drug^,or,^denies any drug^,or,^ with dra ^,or,^withdra^,or,^detoxification^,or,^detos^,or,^detoz^,or,^dtox^,or,^coker^,or,^coke bottle^,or,^coke can^,or,^coke case^,or,^case of coke^,or,^bottle of coke^,or,^bottles of coke^,or,(,^rum^,and,^coke^),or,^jack and coke^,or,^diet coke^,or,^coke tea^,or,^coffee coke^,or,^delirium tremens coke^,or,^drink a coke^,or,^jack coke^,or,^dirnking coke^,or,^coke tab^,or,^scotch coke^,or,^drinking coke^,or,^aspirating on coke^,or,^coke colored^,or,^drank coke^,or,^drank a coke^,or,^baker act^,or,^psychiatric evaluation^,or,^fever^,or,^fall^,or,^suicid^),)