

CDC All Drug Overdose v3 Parsed
Drug Overdose Surveillance and Epidemiology (DOSE) System Guidance
Syndromic Surveillance Definition Factsheet and Technical Brief

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Definition Purpose: To assist state, local, tribal, territorial, and federal public health practitioners in monitoring emergency department (ED) visits for suspected nonfatal overdoses involving any drug using syndromic surveillance data.

New or Revised Definition: Revision of All Drug Overdose v2

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Definition Description: The CDC All Drug Overdose v3 Parsed syndrome definition was designed to be used to identify ED visits for suspected nonfatal drug overdoses of unintentional or undetermined intent. The query relies on data in two fields from ED visit records to identify encounters that meet the definition criteria:

- (1) the chief complaint free text field, which is a processed version of the reported chief complaint and may include terms indicating a drug overdose or poisoning, as well as relevant exclusion terms (e.g., terms indicating withdrawal without acute intoxication, etc., which would exclude ED visit records from this syndrome definition), and
- (2) the discharge diagnosis parsed field, which includes International Classification of Diseases, Clinical Modification, 9th Revision (ICD-9-CM),¹ International Classification of Diseases, Clinical Modification, 10th Revision (ICD-10-CM),² and/or Systematized Nomenclature of Medicine – Clinical Terms (SNOMED-CT)³ diagnosis codes, with descriptive text removed, and which may indicate an acute drug overdose or poisoning of unintentional or undetermined intent.

Within ESSENCE, the syndrome query is applied to the Chief Complaint Discharge Diagnosis (CCDD) Parsed field, which combines these two fields of interest.

Use-Cases for Definition:

- Case-finding
- Trend monitoring

¹ World Health Organization. International Classification of Diseases, Ninth Revision, Clinical Modification. World Health Organization; 1980.

² World Health Organization. International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM). World Health Organization; 2015.

³ National Library of Medicine. SNOMED-CT. Accessed [Dec 5 2023].
<https://www.nlm.nih.gov/healthit/snomedct/index.html>

☒ Early outbreak detection

Justification for Development: Fatal and nonfatal drug overdoses are at historic levels in United States.⁴ This definition was developed to help public health practitioners track and understand overall trends of nonfatal drug overdoses treated in EDs in near real-time. These encompass drugs that are illegal and legal (prescription, over the counter, etc.).

Data Source During Development: ED visits

Development Methods: This revision was developed to serve three purposes: (1) Adapt the CDC All Drug Overdose v2 definition⁵ syntax to query the newly developed CCDD Parsed field which removes extraneous text from the discharge diagnosis portion of CCDD, (2) nest the logic for CDC All Opioid Overdose v3 Parsed, All Stimulant Overdose v4 Parsed, and Benzodiazepine Overdose v2 Parsed definitions within the CDC All Drug Overdose definition to ensure capture of ED Visits for suspected drug overdoses by the All Drug Overdose definition, and (3) revise the query syntax to incorporate corrections to logic and other identified improvements. CDC NSSP staff used R code to update the syntax to meet CCDD Parsed field requirements. The CDC DOSE team reviewed the revisions and compared total visits captured by CCDD and CCDD Parsed versions of the definition, with a focus on diagnostic codes, to ensure correct restructuring.

The CDC All Drug Overdose v2 syntax was reorganized to place exclusion terms with the relevant inclusion terms and group terms drug and overdose terms within the definition. Cannabis terms were removed from query syntax during validation of the definition, as CDC scientists conducting the review determined that cannabis terms in the chief complaint field were associated with intoxication and not poisoning or overdose. The ICD-10-CM code for poisoning by cannabis, T40.711A, was kept. A limited set of synthetic cannabinoid terms, which were determined to be associated with poisonings and which could be present in the chief complaint field, were retained. Drug terms included in the now nested All Opioid Overdose v4 Parsed, All Stimulant Overdose v3 Parsed, and Benzodiazepine Overdose v2 Parsed syndrome definitions were removed from the main body of the All Drug Overdose syntax. The initial All Drug Overdose definition development began with the DOSE team reviewing guidance from the United States Drug Enforcement Administration (DEA), Council of State and Territorial Epidemiologists (CSTE), and the Substance Abuse and Mental Health Services Administration (SAMHSA). First, ICD-9-CM, ICD-10-CM, and SNOMED-CT diagnosis codes indicating an acute drug poisoning were identified; this was followed by overdose terms in the chief complaint text. Finally, drug terms indicating that any type of drug was involved in the overdose were added. The definition was developed to be inclusive of overdoses involving all drug types, including both illegal and prescription drugs.

Validation Methods: Three methods were employed to validate this new definition.

- 1) CDC scientists from the NSSP team used R code to convert the syntax from (A) the previous All Drug Overdose versions that queried the Chief Complaint Discharge Diagnosis (CCDD) field to (B) syntax that would effectively query the Chief Complaint Discharge Diagnosis (CCDD) Parsed field. These conversions focused on changes to diagnostic code formatting within the syntax. The DOSE

⁴ Casillas S, Pickens CM, Tanz L, Vivolo-Kantor A. Estimating the ratio of fatal to nonfatal overdoses involving all drugs, all opioids, synthetic opioids, heroin, or stimulants, United States, 2010–2020. *Injury Prevention* 2023 (in press)

⁵ CDC All Drug Overdose v2: <https://knowledgerepository.syndromicsurveillance.org/cdc-all-drug-v2>

team verified that the syntax converted correctly (i.e., did not eliminate codes or terms that were intended to capture stimulant-involved overdose).

- 2) The CDC DOSE team incorporated corrections and improvements to the syntax logic and piloted the draft definition by manually reviewing records that were captured after aforementioned conversion of syntax. This process was done iteratively with the proposed changes and the DOSE team met and discussed visit reviews and incorporated the inclusion and exclusion terms. Terms that were associated with ED visits classified in review as true suspected overdoses were retained.
- 3) The DOSE team evaluated the draft definition by comparing overdose counts and reviewing records that were captured before and after aforementioned conversion of syntax. Overall aggregate counts over time comparing CDC All Drug Overdose v2 and CDC All Drug Overdose v3 Parsed showed only minimal differences in counts, which were an anticipated outcome of the syntax conversion process.

Definition Fields & Structure: The CCDD Parsed field is used to query both the Discharge Diagnoses Parsed and Chief Complaint Free Text fields.

- Automatic inclusion:
 - The ED visit is automatically included in the syndrome definition if the ED visit includes:
 - If a diagnosis code indicating an acute unintentional or undetermined intent drug poisoning is present, and/or
 - Mention of overdose in the chief complaint text.
 - The ED visit is automatically included in the syndrome definition if the ED visit meets one or more of the nested drug overdose definitions:
 - CDC All Opioid Overdose v3 Parsed
 - CDC All Stimulant Overdose v4 Parsed
 - CDC Benzodiazepine Overdose v2 Parsed
- Conditional inclusion:
 - If the ED visit does not include a diagnosis code for drug poisoning of unintentional or undetermined intent, an overdose term, or meet the criteria for one or more of the nested drug overdose definitions, the visit is captured only if it includes two components and no exclusion terms:
 - 1) chief complaint text indicating an overdose or poisoning, **AND**
 - 2) chief complaint text indicating drug involvement
 - The exclusion terms are applied to the chief complaint text only when the automatic inclusion criteria are not met.

For Consideration: First, the CDC All Opioid Overdose v4 Parsed, CDC All Stimulant Overdose v4 Parsed, and CDC Benzodiazepine Overdose v2 Parsed syndrome definitions are nested within the All Drug Overdose v3 Parsed syndrome definition; thus, everything included in those queries and their associated sub-queries (Heroin and Fentanyl are sub-queries for All Opioid; Methamphetamine and Cocaine are sub-queries for All Stimulant) are also included in the All Drug Overdose v3 Parsed syndrome definition. Second, many drug names included in this version of the definition with necessary exclusions (e.g., “PCP” is a drug but also an abbreviation used for “primary care physician”). Third, the DOSE team identified drug names, including popular brand or slang terms, that were found in chief complaint text and will routinely review this syndrome definition to identify any additional drug names and slang terms to add to a future version of the definition. This is especially true as new drugs enter the market.

Limitations: This definition was developed to capture suspected nonfatal drug overdoses treated in EDs. However, it is subject to both misclassification and under/overreporting for several reasons, including

limited point-of-care confirmatory testing to identify the drug(s) involved in the overdose and reliance on self-report, bystander reports, and/or clinical presentations to determine the drug(s) involved in an overdose. The codes provided in the discharge diagnosis field from the ED visit record do not necessarily represent the final diagnosis of a patient and should be considered preliminary. Additionally, some hospitals may enter all diagnosis codes on a patient’s entire medical history that are not indicative of the current visit, thus resulting in overreporting if codes for historical drug use/abuse/dependence are included. Signs and symptoms of drug overdose may present differently depending on the drug(s) used; however, this revision decreases the potential impact of this limitation by nesting sub-queries in the All Drug Overdose v3 Parsed syndrome definition instead of merging all sub-query terms into syndrome definition syntax. It is not possible in syndromic data to determine the primary reason for a patient’s visit, as syndromic data lack a primary diagnosis field. Therefore, all terms and codes are considered equally (i.e., not in any priority) regardless of what order they are in the record. For some records with multiple descriptions and codes of symptoms and diseases, it may not be possible to determine the exact reason why a patient has entered care at an ED; it is dependent on the chief complaint terms and discharge diagnosis codes provided. For example, someone with shortness of breath and drug use may have been treated at an ED for asthma symptoms and used a prescription opioid as directed. This scenario could be captured as a drug overdose; however, these records were relatively uncommon. Future studies where provider triage notes are available may help validate the use of chief complaints and discharge diagnoses to identify drug overdose visits in syndromic data.

Acknowledgements: The CDC DOSE team would like to acknowledge the contributions of CDC NSSP staff members Zach Stein, Michael Sheppard, and Mukesh Hamal in recoding the query to the CCDD Parsed field and reviewing the query revisions.

Detailed Definition Components

Table 1. Descriptions of discharge diagnosis codes, concepts, and chief complaint terms included or excluded in the CDC All Drug Overdose v3 Parsed definition.

Variable Type	Automatic inclusion?	Terms	Description (discharge diagnosis codes only)
Inclusions			
<i>Discharge Diagnosis codes</i>			
ICD-9-CM ¹	Yes	960-979	Poisoning By Drugs, Medicinals And Biological Substances
		E850-E858	Accidental Poisoning by Drugs, Medicinal Substances, And Biologicals
		E9800-E9805	Poisoning by solid or liquid substances undetermined whether accidentally or purposely inflicted (drug-related)
ICD-10-CM ¹	Yes	T36-T50	Poisoning by adverse effect of and underdosing of drugs, medicaments, and biological substances, where the sixth character is a 1 (unintentional) or 4 (undetermined intent) [e.g., T401X1A: Poisoning by heroin, accidental (unintentional) initial encounter]. Exceptions are needed for T369, T379, T399, T414, T427, T439, T459, T479, and T499, which were included if the code has a fifth character of 1 or 4 (e.g., T3691XA). Only codes that include “A” (initial encounter) as the final character are included.

SNOMED-CT

Yes

295117008	Over the counter product overdose
295121001	Analgesics and non-steroidal anti-inflammatory drug overdose
295123003	Overdose of nonopioid analgesic
295134000	Liclylate overdose (disorder)
295313001	Diagnostic agent overdose (disorder)
295314007	Radiopharmaceutical overdose (disorder)
295332007	Overdose of drug acting on gastrointestinal system
295334008	Bismuth compound overdose
295487009	Antispasmodic overdose (disorder)
295495008	Overdose of anesthetic agent (disorder)
295587007	Overdose of therapeutic gas (disorder)
295593004	Immunostimulant overdose
295597003	Antineoplastic overdose (disorder)
295799003	Immunosuppressant overdose (disorder)
295808006	Overdose of drug groups primarily affecting the central nervous system (disorder)
295910009	Tryptophan overdose
296334003	Autonomic nervous system drug overdose (disorder)
296389000	Clonidine overdose (disorder)
296402006	Overdose of drug primarily affecting the respiratory system
296412004	Antiallergenic drug overdose
296425007	Thonzylamine overdose (disorder)
296450005	Overdose of drug groups and agents primarily acting on the skin (disorder)
296478006	Overdose of drug primarily affecting the musculoskeletal system (disorder)
296499009	Gold salt overdose (disorder)
296503003	Smooth muscle relaxant overdose (disorder)
296509004	Prostaglandin overdose (disorder)
296513006	Chelating agents and antidote overdose (disorder)
296529003	Anti-infective overdose (disorder)
296811004	Vaccine, immunoglobulins, and antisera overdose
296825003	Hormones, synthetic substitutes, and antagonist overdose
296845006	Dexamethasone overdose (disorder)
296853003	Hypoglycemic overdose (disorder)
296896008	Oral contraceptive overdose

		296921006	Calcium regulating agent overdose (disorder)
		296922004	Hematological agent overdose (disorder)
		296943003	Iodine compounds overdose (disorder)
		296948007	Vitamin overdose (disorder)
		296970005	Potassium overdose (disorder)
		296974001	Overdose of cardiovascular drug (disorder)
		297006008	Diuretic overdose (disorder)
		297065005	Phosphodiesterase inhibitor overdose (disorder),
		297094003	Medicinal enzyme overdose
Chief Complaint terms			
Overdose term	Yes	Overdose (and misspellings)	
Overdose-related term	Conditional, include only if other drug-related terms are also present AND no exclusion terms	Poisoning, nodding off, snort, ingest, intoxication, unresponsive, loss of consciousness, syncope, shortness of breath/short of breath, altered mental status (and misspellings)	
Drug-related terms	Conditional, include only if other overdose-related terms are also present AND no exclusion terms	Polysubstance, polydrug, poison, pill, drug, synthetic marijuana/cannabis/spice/K2, kratom/herbal speedball/ketum, acid/LSD, gabapentin/Neurontin, gamma hydroxybutyrate, Prozac/fluoxetine, Paxil/paroxetine, Zoloft/sertraline, bupropion/Wellbutrin, Lexapro/escitalopram, Effexor/venlafaxine, Oleptro/Desyrel/trazodone, cyclobenzaprene, Scelexa, sedative, barbituate/phenobarbital/amytal/nembutal, Ambien/Lunesta/sonata/zolpidem/zaleplon/eszopiclone, inhalant, ketamine/special K, psilocybin/shroom, Soma/carisoprodol, happy pill, pcp/angel dust/phencyclidine, hallucinogen, mescaline, peyote, salvia (and misspellings)	
Exclusions			
Chief complaint terms	Exclude if encounter captured from drug and overdose-related terms only (i.e., exclusion terms are applied to the chief complaint text only when the automatic inclusion criteria are not met)	Commonly identified negations for drug use or overdose terms, food poisoning, poison ivy/poison oak, poison control, drug screen, drug therapy, pill, primary care physician, off prozac, amyloidosis, hypoglycemia, withdraw, detox, chemo, spasmolytic, hemolytic, rhabdomyoly, anamoly (and misspellings).	
Nested definitions			
All Stimulant Overdose v4 Parsed definition	Yes	Examples terms include stimulant, MDMA, amphetamine, cocaine, methamphetamine (and misspellings). See technical briefs for All Stimulant Overdose v4 Parsed and nested definitions, Cocaine Overdose v2 Parsed and Methamphetamine Overdose v1 Parsed for complete diagnostic codes and terms lists.	

All Opioid v3 Parsed Overdose definition	Yes	Example terms include Naloxone/narcan, opioid, buprenorphine, codeine, fentanyl, heroin (and misspellings). See technical briefs for All Opioid Overdose v4 Parsed and nested definitions, Heroin Overdose v5 Parsed and Fentanyl Overdose v2 Parsed for complete diagnostic codes and terms lists.
CDC Benzodiazepine Overdose v2 Parsed definition	Yes	Example terms include benzodiazepine, alprazolam, clonazepam, diazepam, lorazepam, Xanax (and misspellings). See technical brief for Benzodiazepine Overdose v2 Parsed for the complete diagnostic codes and terms list.

¹ICD-9-CM and ICD-10-CM code punctuation is removed when querying the CCDD Parsed field.

Table 2. ESSENCE syntax, CDC All Drug Overdose v3 Parsed

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(,^;295121001;^,OR,^;295597003;^,OR,^;295487009;^,OR,^;295334008;^,OR,^;295313001;^,OR,^;295593004;^,OR,^;295799003;^,OR,^;295117008;^,OR,^;295495008;^,OR,^;295332007;^,OR,^;295808006;^,OR,^;295123003;^,OR,^;295587007;^,OR,^;295314007;^,OR,^;295134000;^,OR,^;295910009;^,OR,^;296295001;^,OR,^;296412004;^,OR,^;296529003;^,OR,^;296334003;^,OR,^;296921006;^,OR,^;296513006;^,OR,^;296389000;^,OR,^;296845006;^,OR,^;296499009;^,OR,^;296922004;^,OR,^;296825003;^,OR,^;296943003;^,OR,^;296896008;^,OR,^;296853003;^,OR,^;296974001;^,OR,^;296450005;^,OR,^;296478006;^,OR,^;296402006;^,OR,^;296970005;^,OR,^;296509004;^,OR,^;296503003;^,OR,^;296425007;^,OR,^;296811004;^,OR,^;296948007;^,OR,^;297006008;^,OR,^;297094003;^,OR,^;297065005;^,OR,^;96[01234789][0-9];^,OR,^;965[01456789];^,OR,^;965[06][0129];^,OR,^;966[01234];^,OR,^;9690[0123459];^,OR,^;970[0189];^,OR,^;9708[019];^,OR,^;971[01239];^,OR,^;97[23689][0-9];^,OR,^;974[0-7];^,OR,^;975[0-8];^,OR,^;977[0123489];^,OR,^;E85[058][0-9]^,OR,^;E85[167]^,OR,^;E852[01234589]^,OR,^;E853[01289]^,OR,^;E854[01248]^,OR,^;E980[0-5]^,OR,^;296290006;^,OR,^;61803000;^,OR,^;T3[6-9][0-9][X019][14]A^,OR,^;T4[0-9][0-9][X012349][14]A^,OR,^;T50[ABZ0-9][X0129][14]A^,OR,^;T3[679]9[14]XA^,OR,^;T414[14]XA^,OR,^;T427[14]XA^,OR,^;T4[3579]9[14]XA^,OR,^;F1112^,OR,^;F1122^,OR,^;F1192^,OR,^;295213004;^,OR,^;441527004;^,OR,^;296290006;^,OR,^;61803000;^,OR,^;55680006;^,OR,^;59369008;^,OR,^;72431002;^,OR,^;32267003;^,OR,^;371341003;^,OR,^;708079007;^,OR,^;269688005;^,OR,^;290222000;^,OR,^(,^verdo[se][es]^,OR,^overdo[se][es]^,OR,^overose^,^),ANDNOT,(,^wiol^,OR,^picked iol^,OR,^pop ce^,OR,^ce iol^,OR,^without overdose^,OR,^rule[ds] out overdose^,OR,^ruling out overdose^,^),OR,^poly substance^,OR,^polysubstance^,OR,^poly drug^,OR,^polydrug^,^),OR,^(,^poison^,ANDNOT,(,^food poison^,OR,^poison ivy^,OR,^poison oak^,OR,^poison control^,^),OR,^nodding^,OR,^nod^,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,^unresponsiv^,OR,^loss of consciousness^,ANDNOT,(,^no loss of consciousness^,OR,^denie[sd] loss of consciousness^,OR,^negative loss of consciousness^,OR,^denie[sd] any loss of consciousness^,^),OR,^syncop^,ANDNOT,(,^denie[sd] sync^,OR,^(,^shortness of breath^,OR,^short of breath^,^),ANDNOT,(,^no shortness of breath^,OR,^denie[sd] shortness of breath^,OR,^denie[sd] any shortness of breath^,^),OR,^altered mental status^,^),AND,(,^drug^,ANDNOT,(,^drug screen^,OR,^drug therapy^,OR,^denie[sd] drug^,OR,^deny drug^,OR,^denying drug^,OR,^denie[sd] any drug^,^),OR,^(,^pill!^,OR,^pills!^,^),ANDNOT,(,^water pill^,OR,^birth control pill^,OR,^birthcontrol pill^,OR,^abortion pill^,OR,^iron pill^,OR,^gas pill^,OR,^vitamin pill^,OR,^pills ok^,OR,^diet pill^,OR,^dieting pill^,OR,^supplement pill^,OR,^sodium pill^,OR,^food pill^,OR,^fluid pill^,OR,^infection pill^,OR,^blood pressure pill^,OR,^nitro pill^,OR,^hormone pill^,^),OR,^(,^synthetic marij^,ANDNOT,(,^denie[sd] marij^,OR,^deny marij^,OR,^denying marij^,^),OR,^(,^synthetic cannab^,ANDNOT,(,^denie[sd] cannab^,OR,^deny cannab^,OR,^denying cannab^,^),OR,^!spice!^,OR,^kratom^,OR,^herbal speedball^,OR,^herbal speed ball^,OR,^ketum^,OR,^[ao]per[oa]mide^,OR,^took acid^,ANDNOT,(,^acid reducer^,OR,^drop acid^,OR,^dropped acid^,OR,^!sd!^,OR,^!salvia!^,OR,^(,^hallucinogen^,ANDNOT,(,^denie[sd] hallucinogen^,OR,^deny hallucinogen^,OR,^denying
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hallucinogen^,)),OR,!mescal[ai]e[n]!,OR,^peyote^,OR,^peote^,OR,(,^ketamine^,ANDNOT,(,^denie[sd] ketamine^,OR,^deny ketamine^,OR,^denying ketamine^,)),OR,!special k!,OR,^xylazine^,OR,^psilocybin^,OR,^shroom^,OR,^cariso^,OR,!soma!,OR,^happy pill^,OR,^gabapentin^,OR,^gabbapentin^,OR,^n[eu][ue]ront[oi]n^,OR,^neurotin^,OR,^gamma hydroxybutyrate^,OR,^lghb!,OR,^paroxetine^,OR,^proza[ck]^,ANDNOT,(,^hasnt been taking his prozac^,OR,^off prozac^,)),OR,^paxil^,OR,^fluoxetine^,OR,^sertraline^,OR,^zoloft^,OR,^bupropi[aoe]n^,OR,^welbutrin^,OR,^wel lbutrin^,OR,^lexapro^,OR,^escitalopram^,OR,^effexor^,OR,^venlafaxine^,OR,^traz[eioa]done^,OR,^trazdon^,OR,^oleptro^,OR,^desyrel^,OR,^cyclobenzaprene^,OR,![sc]elexa!^,OR,(,^sedative^,ANDNOT,(,^denie[sd] sedative^,OR,^deny sedative^,OR,^denying sedative^,)),OR,^barbituate^,OR,^phenobarb[ei]tal^,OR,^amytal^,OR,^nembutal^,OR,^zolpidem^,OR,^ambie n^,OR,^lunesta^,OR,^sonata^,OR,^zaleplon^,OR,^eszopiclone^,OR,!neuro!,OR,^inhalant^,)),ANDNOT,(,^amyloi dosis^,OR,^hypoglycemia^,OR,^;L27^,OR,!with draw!,OR,^withdra^,OR,^deto[xsz]^,OR,^dtox^,)),OR,(,(,^verdo[se][es]^,OR,^over do[se][es]^,OR,^overose^,)),ANDNOT,(,^wiol^,OR,^picked iol^,OR,^pop ce^,OR,^ce iol^,OR,^without overdose^,OR,^rule[ds] out overdose^,OR,^ruling out overdose^,)),OR,^poly substance^,OR,^polysubstance^,OR,^poly drug^,OR,^polydrug^,OR,^poison^,ANDNOT,(,^food poisoning^,OR,^poison ivy^,OR,^poison oak^,OR,^poison control^,)),OR,^nodding^,OR,^nod^,OR,^snort^,OR,^in[gj]est^,OR,^smo[ck]^,OR,^intoxic^,OR,^unresponsiv^,OR, ^loss of consciousness^,ANDNOT,(,^no loss of consciousness^,OR,^denie[sd] loss of consciousness^,OR,^negative loss of consciousness^,OR,^denie[sd] any loss of consciousness^,)),OR,^syncop^,ANDNOT,^denie[sd] sync^,OR,^altered mental status^,)),AND,(,^!angel dust!,OR,^angel dust!),OR,(,^phencyclidine^,OR,^lpcp!,)),ANDNOT,(,^pcp suggest^,OR,^pcp want^,OR,^pcp advise^,OR,^pcp is^,OR,^pcp tol^,OR,^pcp gave^,OR,^pcp not in system^,OR,^pcp unknown^,OR,^to pcp^,OR,^no pcp^,OR,^pcp office^,OR,^pcp s office^,OR,^pcp doctor^,OR,^from pcp^,OR,^by pcp^,OR,^at pcp^,OR,^see pcp^,OR,^seeing pcp^,OR,^see my pcp^,OR,^saw pcp^,OR,^saw my pcp^,OR,^has pcp^,OR,^her pcp^,OR,^his pcp^,OR,^clinic^,OR,^went to pcp^,OR,^pcp none^,OR,^normal pcp^,OR,^consulted with pcp^,OR,^from phencyclidine^,OR,^sent by phencyclidine^,OR,^phencyclidine advised^,OR,^saw phencyclidine^,OR,^phencyclidine cell^,OR,^by phencyclidine^,OR,^seen at phencyclidine^,OR,^phencyclidine states^,OR,^nad phencyclidine^,OR,^to phencyclidine^,OR,^pcp told^,OR,^seen phencyclidine^,OR,^phencyclidine prescribed^,OR,^pcp suggest^,OR,^ask pcp^,OR,^pcp thinks^,OR,^care phencyclidine^,OR,^pcp feels^,OR,^pcp send^,OR,^contacted pcp^,OR,^pcp contact^,OR,^pcp state^,OR,^states pcp^,OR,^pcp start^,OR,^pcp rec^,OR,^pcp visit^,OR,^visit pcp^,OR,^pcp cancel^,OR,^pcp adv[iu]se^,OR,^pcp call^,OR,^called pcp^,OR,^pcp order^,OR,^pcp instruct^,OR,^pcp aware^,OR,^pcp believe^,OR,^pcp change^,OR,^pcp prescribe^,OR,^pcp appointment^,OR,^pcp appt^,OR,^appointment with my pcp^,or,^appointment with pcp^,or,^appointment my pcp^,OR,^pcp complete^,OR,^pcp concern^,OR,^pcp instruct^,OR,^pcp request^,OR,^pcp report^,OR,^pcp said^,OR,^said pcp^,OR,^pcp says^,OR,^says pcp^,OR,^pcp not^,OR,^from pcp^,OR,^with pcp^,OR,^is pcp^,OR,^pcp follow up^,OR,^primary care physician^,)),)),ANDNOT,(,^amyloidosis^,OR,^hypoglycemia^,OR,^;L27^,OR,!with draw!,OR,^withdra^,OR,^deto[xsz]^,OR,^dtox^,)),OR,(,^narcana^,OR,^naloxo^,OR,^;T40[012346][X0129][14]A^, OR,^;F11[129]2^,OR,^;9650[0129]^,OR,^;E850[012]^,OR,^;295174006^,OR,^;295175007^,OR,^;295176008^, OR,^;295165009^,OR,^;242253008^,OR,^;297199006^,OR,^;295213004^,OR,^;295196000^,OR,^;29519400 2^,OR,^;295193008^,OR,^;290204003^,OR,^;290202004^,OR,^;290201006^,)),OR,(,(,^poison^,OR,^verdo[s e][se]^,OR,^over dose^,OR,^overose^,OR,^ovrdose^,OR,^nodding^,OR,^nod!,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,^unresp onsi^,OR,^loss of consciousness^,ANDNOT,(,^without loss of consciousness^,OR,^no loss of consciousness^,OR,^denie[sd] loss of consciousness^,OR,^negative loss of consciousness^,)),OR,(,^shortness of breath^,OR,^short of breath^,)),ANDNOT,(,^denies short^,OR,^no shortness^,)),OR,^altered mental status^,)),AND,(,^her[io][oi]n^,OR,^hod!,OR,^speedball^,OR,^speed ball^,OR,^dope^,OR,^opioid^,OR,^op[io][oi]d^,OR,^opiate^,OR,^opate^,OR,^op[iu][ui]m^,OR,^opum^,OR,^met hadone^,OR,^suboxone^,OR,(,^oxymor^,OR,^oxyco^,OR,^oxyi^,OR,^loxy!,)),ANDNOT,(,^!oxy sat!,OR,^loxy state!,OR,^oxy high^,OR,^oxy low^,OR,^loxy mask!,OR,^oxy given^,OR,^!given oxy!,OR,^oxy clean^,OR,^low oxy!,OR,^high oxy!,OR,^!placed on oxy!,OR,^!pulse oxy!,OR,^oxy deep cleaner^,OR,^!not enough oxy!,OR,^oxy

level^,^),OR,^percoc^,OR,^vicod^,OR,^fent^,ANDNOT,(,^received fentanyl^,OR,^administered fentanyl^,OR,^given fentanyl^,OR,^fentanyl en route^,OR,^fentanyl enrt^,OR,^fent en route^,OR,^fentanyl given^,OR,^fentyln given^,OR,^gave fent^,OR,^gave fentanyl^,OR,^given fentanly^,OR,^mcg fentanyl^,OR,^mcg fent^,OR,^mcg of fent^,OR,^fentanyl 75^,OR,^fentanyl 50^,OR,^50 fentanyl^,OR,^fentanyl 100^,OR,^100 fentanyl^,OR,^fentanyl 150^,OR,^120 fent given^,OR,^intranasal fent^,OR,^milligram fent^,OR,^milligram of fentanyl^,OR,!fenton!,OR,^fent pta^,OR,^fentanyl pta^,OR,!fentyln!,OR,^fentylnyl 100^,OR,^fentylnal 50^,OR,^fentyln 50^,OR,^fent 50^,OR,^fent 100^,OR,^fent 150^,OR,^diffently^,OR,!received fent!,OR,!recieved fent!,OR,!given 50!,OR,!given 100!,OR,!given 150!,OR,!gave 50!,OR,!gave 100!,OR,!gave 150!,OR,!doses of fent!),OR,^phent^,ANDNOT,(,^stephentown^,OR,^phentermine^,OR,^phentxr^OR,^phentemine^,),OR,^hydroc od^,OR,^morphin^,ANDNOT,(,^given morphin^,OR,^gave morphin^,OR,^10 milligram of morphin^,OR,^milligram morphin^,OR,^4 morphin^,OR,^rec[ei][ei]ved morphin^,),OR,^cod[ei][ie]n^,OR,^codene^,OR,^dilaud^,OR,^hydromor^,OR,^tramad^,OR,^suboxin^,OR,^bupr enorphine^,OR,^Abstral^,OR,^Actiq^,OR,^Avinza^,OR,^Butrans^,OR,^Demer[oa]!^,OR,^Dolophine^,OR,^Durage sic^,OR,^Fentora^,OR,^Hysingla^,OR,^Methadose^,OR,^Morphabond^,OR,^Nucynta^,OR,^Onsolis^,OR,^Oram orph^,OR,^Oxaydo^,OR,^Roxanol^,OR,^Sublimaze^,OR,^Xtampza^,OR,^Zohydro^,OR,^Anexsia ^,OR,^CoGestic^,OR,^Cogestic^,OR,!Embeda!,OR,^Exalgo^,OR,^Hycet^,OR,^Hycodan^,OR,^Hydromet^,OR,^Ibud one^,OR,^Kadian^,OR,^Liquicet^,OR,^Lorcet^,OR,^Lortab^,OR,^Maxidone^,OR,!MS Contin!,OR,^Norco^,ANDNOT,(,^norco 10 milligram^,OR,^Norcotic^,),OR,!Opana!,OR,^Oxycet^,OR,^Palladone^,OR,^Percodan^,OR,^Reprexain^,OR,^Rezi ra^,OR,^Roxicet^,OR,^Targiniq^,OR,^TussiCaps^,OR,!Tussione!,OR,^Tuzistra^,OR,^Vicoprofen^,OR,^Vituz^,OR,^ Xartemis^,OR,^Xodol^,OR,^Zolvit^,OR,^Zutripro^,OR,^Zydone^,OR,^Ultram^,OR,^;F11[129]0^,^),ANDNOT,(,^d enie[sd] her[io][oi]n^,OR,^deny her[io][oi]n^,OR,^denying her[io][oi]n^,OR,^denie[sd] drug^,OR,^deny drug^,OR,^denying drug^,OR,^denies any drug^,OR,^with dra^,OR,^withdra^,OR,^deto[sxz]^,OR,^dtox^,OR,^sedat^,^),or,(,^;T401X1A^,OR,^;T401X4A^,OR,^;96501^,OR, ^;E8500^,OR,^;295174006^,OR,^;295175007^,OR,^;295176008^,^),OR,(,(,^narcan^,OR,^naloxo^,OR,^poison ^,OR,^verdo[se][se]^,OR,^over dose^,OR,^overose^,OR,^nodding^,OR,!nod!,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,(,^unresponsiv^,OR,! oss of consciousness^,OR,^syncop^,^),ANDNOT,(,^no loss of consciousness^,OR,^denie[sd] loss of consciousness^,OR,^negative loss of consciousness^,OR,^denies any loss of consciousness^,^),OR,(,(,^shortness of breath^,OR,^short of breath^,^),ANDNOT,^denies short^,^),OR,^altered mental status^,^),AND,(,^her[io][oi]n^,OR,!hod!,OR,^speedball^,OR,^speed ball^,OR,^dope^,^),ANDNOT,(,^denie[sd] her[io][oi]n^,OR,^deny her[io][oi]n^,OR,^denying her[io][oi]n^,OR,^denie[sd] drug^,OR,^deny drug^,OR,^denying drug^,OR,^denies any drug^,OR,^with dra^,OR,^withdra^,OR,^detoxification^,OR,^detos^,OR,^detoz^,OR,^dtox^,^),or,(,^;T40411A^,OR,^;T40414A^, OR,^;290201006^,OR,^;290202004^,OR,^;290204003^,OR,^;295193008^,OR,^;295194002^,OR,^;29519600 0^,^),OR,(,(,^f[ea]nt^,OR,^ph[ea]nt^,^),AND,(,^naloxo^,OR,^narcan^,OR,^evzio^,^),OR,(,(,^f[ea]nt^,OR,^ph[ea]n t^,^),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] [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,^different^,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,^withdraw^,OR,^detox^,OR,^dtox^,OR,^detos^,OR,^denies
sob^,OR,^nodule^,OR,^node^,OR,^accifent^,OR,^significantly^,OR,^ibuprofent^,OR,^bonfante^,)),OR,(,^;9697[
01239];^,OR,^;9700;^,OR,^;9708[19];^,OR,^;9709;^,OR,^;E854[23];^,OR,^;E8552;^,OR,^;T436[012349][14]A^,O
R,^;296290006;^,OR,^;61803000;^,OR,^;296317006;^,OR,^;296291005;^,)),OR,(,^palp^,OR,^heart
pap^,OR,^poison^,OR,^verdo[se][es]^,OR,^overose^,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,^altered
mental status^,OR,^numb^,OR,^diaphoretic^,OR,^racing^,OR,^numb^,OR,^chest pain^,ANDNOT,(^no chest
pain^,OR,^denie[sd] chest pain^,)),OR,^tach[iy]^,OR,^not feeling well^,OR,^not
right^,)),AND,(^amphetamine^,ANDNOT,^methamphetamine^,OR,^lisdexamfetamine^,OR,^dextroamphetamin
e^,OR,^levoamphetamine^,OR,^biphetamine^,OR,^dexedrine^,OR,(,^adderal^,OR,^aderal^,)),ANDNOT,(^off
adderal^,OR,^off
aderal^,)),OR,^vyvans^,OR,^concerta^,OR,^methylin^,OR,^ritalin^,OR,^cathinone^,OR,(,^bath
salt^,OR,^bathsalt^,)),ANDNOT,(^denie[sd] bathsalt^,OR,^denie[ds] bath
salt^,)),OR,^stimulant^,ANDNOT,(^cardiac stimulant^,OR,^denie[ds] stimulant^,OR,^denie[ds] any
stimulant^,)),OR,!MDMA!,ANDNOT,(^history MDMA^,OR,^deny
MDMA^,)),OR,^e[sc][cs]ta[cs]y^,OR,^e[xsc]ta[sc]y^,OR,^ex[sc]ta[sc]y^,OR,!moly!,OR,!moll[iy]!,ANDNOT,(^docto
r molly^,OR,^private molly^,)),OR,^;441527004;^,)),ANDNOT,(^denie[sd] drug^,OR,^deny drug^,OR,^denying
drug^,OR,^denie[sd] any drug^,OR,!with
draw!,OR,^withdra^,OR,^deto[sxz]^,OR,^dtox^,)),)),OR,(,^;97081;^,OR,^;T405X1A^,OR,^;T405X4A^,OR,^;29632
1004;^,OR,^;216583009;^,OR,^;290545007;^,OR,^;296325008;^,OR,^;9982009;^,OR,(,^poison^,OR,^verdo[s
e][es]^,OR,^over dose^,OR,^overose^,OR,^snort^,ANDNOT,(^denie[sd] snort^,OR,^no
snort^,)),OR,^in[gj]est^,OR,^intoxic^,OR,^altered mental status^,OR,^seiz^,ANDNOT,(^denie[sd] seiz^,OR,^no
seiz^,)),OR,^high blood^,OR,^abdominal pain^,OR,^racing^,OR,^agitat^,OR,^aggitat^,OR,(^heart
pap^,OR,^palp^,)),ANDNOT,(^denie[sd] heart palp^,OR,^no heart palp^,OR,^denie[sd] heart pap^,OR,^no heart
pap^,)),OR,^cardi[ao]^,ANDNOT,(^denie[sd] cardi[ao]^,OR,^no cardi[ao]^,)),OR,^heart
attack^,OR,^myocard^,OR,^stroke^,OR,^tach[iy]^,OR,^chest pain^,ANDNOT,(^no chest pain^,OR,^denie[sd]
chest pain^,)),OR,^squeezing in chest^,OR,^chest tight^,OR,(,^chest pressure^,OR,^pressure in
chest^,)),ANDNOT,(^no chest pressure^,OR,^denie[sd] chest pressure^,OR,^denie[sd] pressure in chest^,OR,^no
pressure in chest^,)),),AND,(^speedball^,OR,^speed
ball^,OR,^coc[ai][ia]ne^,OR,^coccc[ai][ia]ne^,OR,^cocane^,OR,^cocanne^,OR,!coke!,ANDNOT,(^denie[ds]
coke^,OR,^denie[ds] coc[ai][ia]ne^,OR,^coke top^,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,!crack!,ANDNOT,(^a crack^,OR,^crack
in^,OR,^knee crack^,OR,^shoulder crack^,OR,^tooth 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,^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,^;F1412^,OR,^;F1422^,OR,^;F1492^,)),ANDNOT,(^denie[sd] drug^,OR,^deny drug^,OR,^denying

drug^,OR,^denie[sd] any drug^,OR,!with
 draw!,OR,^withdra^,OR,^deto[sxz]^,OR,^dtox^,)),OR,(,^;T4365[14]A^,OR,(,^;T5090[14]A^,OR,^;9697[029];
 ^,OR,^;9700;^,OR,^;97089;^,OR,^;9709;^,OR,^;E854[23]^,OR,^;T436[029][14]A^,OR,^;29629000[56];^,OR,^;618
 03000;^,OR,^abdominal pain^,OR,^agitat^,OR,^aggitat^,OR,^aggressive^,OR,^altered mental
 status^,OR,^arrhythmia^,OR,^bad reaction^,OR,^bad trip^,OR,^bizz^,OR,^bizar^,OR,^bugs^,OR,^chest
 pain^,ANDNOT,(,^denies chest pain^,OR,^no chest pain^,)),OR,^chest pressure^,OR,^chest
 tight^,OR,^combat^,OR,^delusion^,OR,^delirium^,ANDNOT,^delirium
 tremen^,OR,^delirum^,ANDNOT,^delirum
 tremen^,OR,^diaphoretic^,OR,^disoriented^,OR,^dizz^,OR,^erra[td]ic^,OR,^feels bad^,OR,^feels
 weird^,OR,^fidg^,OR,^flight of ideas^,OR,^formication^,OR,^hallucinat^,OR,^hearing voices^,OR,^heart
 attack^,OR,^heart pap^,OR,^heart racing^,OR,^high blood
 pressure^,OR,^hyperverval^,OR,^incoh^,OR,^in[gj]est^,OR,^intoxic^,OR,^lightheaded^,OR,^manic^,OR,^nause
 a^,OR,^not feeling well^,OR,^not right^,OR,^not
 sleeping^,OR,^numb^,OR,^verdo[se][es]^,OR,^overose^,OR,^over
 dose^,OR,^palp^,OR,^parano^,OR,^poison^,OR,^racing heart^,OR,^restless^,OR,^seeing snakes^,OR,^seeing
 things^,OR,^shak^,OR,^shot up^,OR,^shoot up^,OR,^shooting up^,OR,^shoots up^,OR,(,^shortness of
 breath^,OR,^short of breath^,)),ANDNOT,(,^denie[sd] short^,OR,^no short^,)),OR,^snort^,OR,^seiz^,OR,^sores
 all over^,OR,^picking at skin^,OR,^scratching^,OR,^sycho^,OR,^tach[iy]^,OR,^tingl^,OR,^tight
 chest^,OR,^tremulous^,OR,^tripping!,OR,^trouble
 sleeping^,OR,^twitch^,or,^vomiting^,OR,^violent^,OR,^weakness^,)),AND,(,^desoxyn^,OR,(,^!meth!,OR,^metha
 mphetamine^,OR,^on mth^,)),ANDNOT,(,^meth recovery^,OR,^clean from meth^,OR,^rsh on mth^,OR,^meth
 gas^,OR,^history of meth^,OR,^stopped smoking meth^,OR,^stopped meth^,OR,^stopped using meth^,OR,^no
 meth^,OR,^deny meth^,OR,^denie[sd] meth^,OR,^quit meth^,OR,^meth germ^,OR,^meth gmt^,OR,^meth
 odist^,OR,^meth obstet^,OR,^meth group^,OR,^meth south^,OR,^seen at meth^,OR,^meth gtown^,OR,^went
 to meth^,OR,^meth north^,OR,^meth univ^,)),OR,(,^!crank!,ANDNOT,(,^hand crank^,OR,^doctor
 crank^,OR,^using a crank^,)),OR,(,^!gram of ice^,OR,^!on ice!,OR,^!smoking ice!,OR,^!smoked ice!,OR,^!line of
 ice!,OR,^!used ice!,OR,^!using ice!,OR,^!ingested ice!,OR,^!ingesting ice!,OR,^!admits to ice^,OR,^!ice
 use!,OR,^!in[gj]ect^ ice^,)),ANDNOT,(,^nose bleeding ice^,OR,^laying on ice^,OR,^bump on ice^,OR,^player on
 ice^,OR,^!iceyhot^,OR,^using ice with no relief^,OR,^using ice with relief^,OR,^on ice with relief^,OR,^no ice
 used^,OR,^choked on ice^,OR,^ice heat^,OR,^spun around on ice^,OR,^hit face on ice^,OR,^fal on ice^,OR,^lost
 control on ice^,OR,^walking on ice^,OR,^de icer^,OR,^elevation ice^,OR,^using ice heat^,or,^landed on
 ice^,OR,^ice melt salt^,OR,^black ice^,OR,^chew^ice^,OR,^ice chip^,OR,^ice
 cube^,OR,^ice^f[ae]ll^,OR,^f[ae]ll^ice^,OR,^sli[pd]^ice^,OR,^spice^,OR,^appl^ice^,OR,^ice^appl^,OR,^ice
 pack^,OR,^ice cream^,OR,^ice bath^,OR,^ice coffee^,OR,^ice to area^,OR,^doctor ice^,OR,^smirnoff
 ice^,OR,^ice skat^,OR,^ice water^,OR,^ice cold^,OR,^pushed down on ice^,OR,^ice hockey^,OR,^head on
 ice^,OR,^ice patch^,OR,^bag of ice^,OR,^ice machine^,OR,^dry ice^,OR,^ibuprofen^,OR,^vehicle on
 ice^,)),OR,^overamping^,OR,(,^!speed!,ANDNOT,(,^driver speed^,OR,^city speed^,OR,^fast speed^,OR,^dr
 speed^,OR,^fan speed^,OR,^residential speed^,OR,^slurred speed^,OR,^stand still speed^,OR,^unknown exact
 speed^,OR,^speed up^,OR,^up to speed^,OR,^car speed^,OR,^speed limit^,OR,^marked speed^,OR,^medium
 speed^,OR,^unknow speed^,OR,^normal speed^,OR,^changed speed^,OR,^full speed^,OR,^unkwon
 speed^,OR,^hight speed^,OR,^highway
 speed^,OR,^MPH^speed^,OR,^speed^heart^,OR,^speed^MPH^,OR,^speed sign^,OR,^low
 speed^,OR,^moderate speed^,OR,^high speed^,OR,^unknown speed^,OR,^unsure of speed^,OR,^interstate
 speed^,OR,^practice speed^,OR,^speed process up^,OR,^walking speed^,OR,^speed unk^,OR,^speed
 bump^,OR,^rate of speed^,OR,^hwy speed^,OR,^unknown speed^,)),OR,(,^!tweak^,ANDNOT,(,^tweak^ on
 left^,OR,^tweak^ on right^,OR,^tweaked^,OR,^tweak^ it^,)),)),ANDNOT,(,^denie[sd] drug^,OR,^deny
 drug^,OR,^denying drug^,OR,^denie[sd] any drug^,OR,^jail clearance^,OR,!with
 draw!,OR,^withdra^,OR,^deto[xsz]^,OR,^dtox^,OR,^rehab^,OR,^wants
 refer^,)),OR,(,^;9694;^,OR,^;T424X[14]A;^,OR,^;296128004;^,OR,^;216530001;^,OR,^;296129007;^,OR,^;296
 053004;^,OR,^;712742003;^,OR,^;81914009;^,)),OR,(,^!poison^,OR,^verdo[se][es]^,OR,^over
 dose^,OR,^overose^,OR,^nodding^,OR,^lnod!,OR,^snort^,OR,^in[gj]est^,OR,^intoxic^,OR,^unresponsiv^,OR,^los
 s of consciousness^,OR,^syncop^,OR,^shortness of breath^,OR,^short of breath^,OR,^altered mental
 status^,)),AND,(

,!prosom!,OR,!niravam!,OR,!tranxene!,OR,!loxazepam!,OR,!byfavo!,OR,!flurazepam!,OR,![zx]ans!,OR,![zx]anny!,
OR,![zx]annies!,OR,!dalmane!,OR,!downers!,OR,![zx]an bar!,OR,![zx]anbar!,OR,!z bar!,OR,!k
pin!,OR,!phennies!,OR,!B[ZD][ZD]!,OR,!BZ!,OR,!^roofies^,OR,!^benzos^,OR,!^benzodiazepine^,OR,!^benzos^,OR,
^clorazepate^,OR,!^diaz[aei]pa[mn]^,OR,!^clonazepam^,OR,!^midazolam^,OR,!^alprazolam^,OR,!^temaz[aei]pam^
,OR,!^alprazolam^,OR,!^
xan^,OR,!xan^,OR,!Xan^,OR,!^ [zx]an[oae]x^,OR,!^helex^,OR,!^trankimazin^,OR,!onax!,OR,!alprox!,OR,!misa!,OR,!r
esty!,OR,!tafil!,OR,!frontin!,OR,!librium!,OR,!^solanax^,OR,!^ [ck]lon[ae]z[ea]p[ea]m^,OR,!^ [ck]lon[iao]pin^,OR,!^
valium^,OR,!^valum^,OR,!^iktorivil^,OR,!^paxam^,OR,!^riv[oa]tril^,OR,!^antenex^,OR,!^apaurin^,OR,!^apzepam^,O
R,!^apozepam^,OR,!^hexalid^,OR,!^normabel^,OR,!pax!,OR,!ronal!,OR,!vival!,OR,!^stesolid^,OR,!^stedon^,OR,!^val
axona^,OR,!^hipnosodon^,OR,!^vulbegal^,or,!^fluscand^,OR,!^flunipam^,OR,!^rohydorm^,OR,!^hypnodorm^,OR,!^lo
raz^,or,!ativan!,OR,!^zolam^,OR,!^bromazepam^,OR,!^diazepoxide^,OR,!^serax^,OR,!^temazepa[nm]^,OR,!^restor[
aie]l^,OR,!^halcion^,OR,!^;428406005;^,OR,!^;231473004;^,),ANDNOT,(^ plan to overdose on benzo^,OR,!Plan to
overdose on benzo^,OR,!plan to overdose on [zx]an[oae]x!,OR,!plan to overdose on Ativan!,OR,!plan to
overdose on valium!,OR,!^ xanthogranulomatous ^,OR,!acetazolamide!,OR,!^placed on ativan^,OR,!^placed on
valium^,OR,!^placed on [zx]an[oae]x^,OR,!^ran out of ativan^,OR,!^ran out of valium^,OR,!^ran out of
[zx]an[oae]x^,OR,!^ativan prn^,OR,!^valium prn^,OR,!^ [zx]an[oae]x prn^,OR,!^treated by ativan^,OR,!^treated with
ativan^,OR,!^given ativan^,OR,!^gave ativan^,OR,!^ativan given^,OR,!^treated by valium^,OR,!^treated with
valium^,OR,!^treated by [zx]an[oae]x^,OR,!^treated with [zx]an[oae]x^,OR,!^given valium^,OR,!^gave
valium^,OR,!^valium given^,OR,!^ [zx]an[oae]x given^,OR,!^given [zx]an[oae]x^,OR,!^gave [zx]an[oae]x
^,OR,!^rec[ie][ei]ved ativan^,OR,!^does not have any ativan left^,OR,!^does not have any valium left^,OR,!^does
not have any [zx]an[oae]x left^,OR,!^stopped using valium^,OR,!^stopped using [zx]an[oae]x^,OR,!^stopped using
ativan^,OR,!^out of valium^,OR,!^out of [zx]an[oae]x^,OR,!^out of ativan^,OR,!^benzonatate^,OR,!^no loss of
consciousness^,OR,!^denie[sd] loss of consciousness^,OR,!^negative loss of consciousness^,OR,!^denies any loss
of consciousness^,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^,))