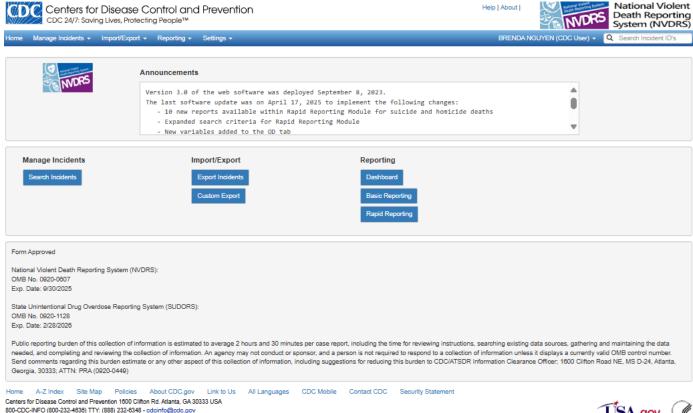
Attachment 6

NVDRS Web-based Data Entry (Sample Screenshots of System)

Introduction

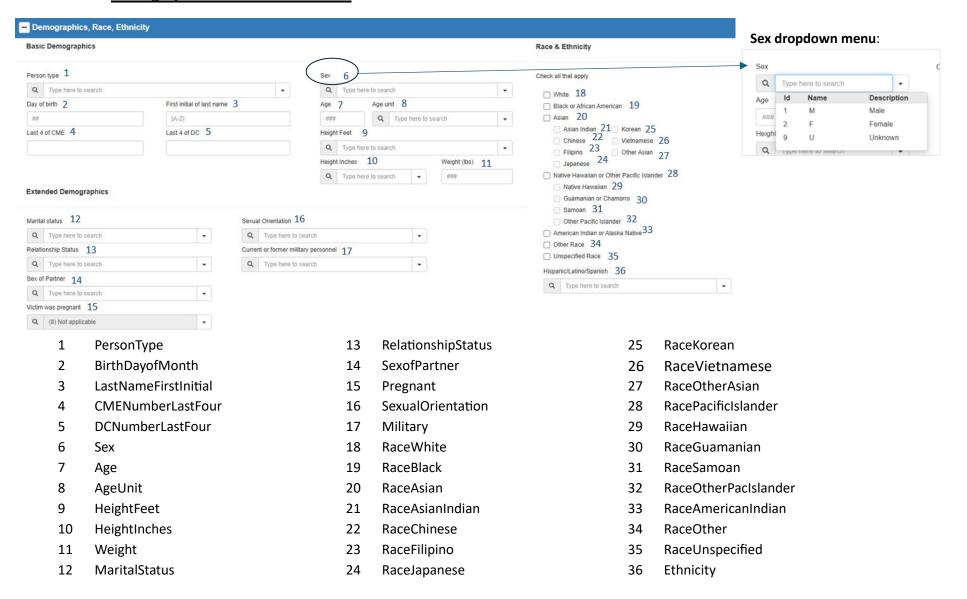
This document displays the screens that abstractors used to enter required data elements. The variable name associated with each data entry field is provided to help user interpret and analyze data. Any new variables on the righthand side are flagged in red with additional numbers, and the corresponding variable names given below.

Landing Page: Displays once securely logged on to Secure Access Managemt Services (SAMS) and granted entry into the I. application.





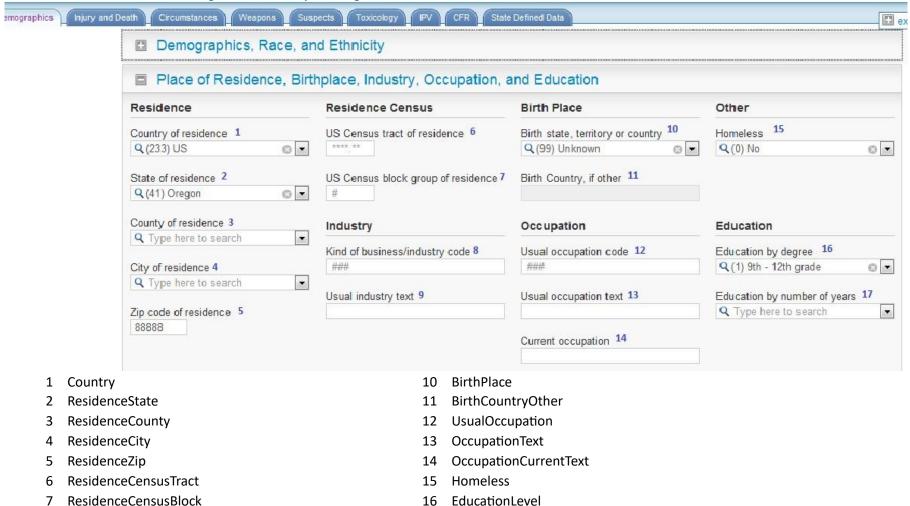
II. Demographic Variables for Victims:



III. Place of Residence, Birthplace, Industry, Occupation, and Education

Industry

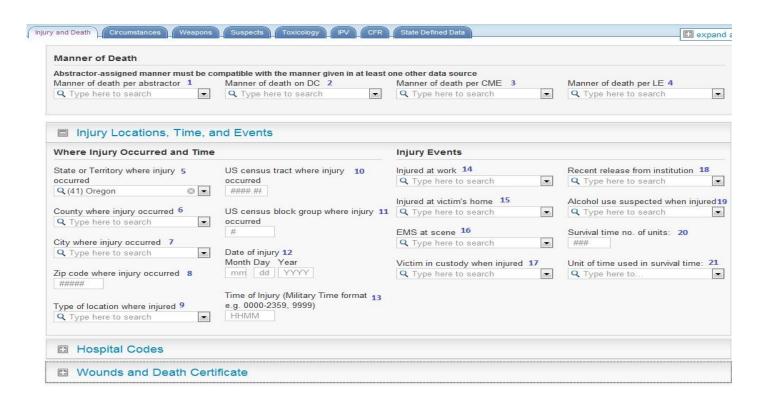
9 IndustryText



17

EducationYears

IV. Injury and Death



- 1 DeathMannerAbstractor
- 2 DeathMannerDC
- 3 DeathMannerCME
- 4 DeathMannerLE
- 5 InjuryState
- 6 InjuryCounty
- 7 InjuryCity
- 8 InjuryZip

- 9 InjuryLocationType
- 10 CensusTract
- 11 CensusBlock
- 12 InjuryDate
- 13 InjuryTime
- 14 InjuredAtWork
- 15 InjuredAtVictimHome
- 16 EMSPresent

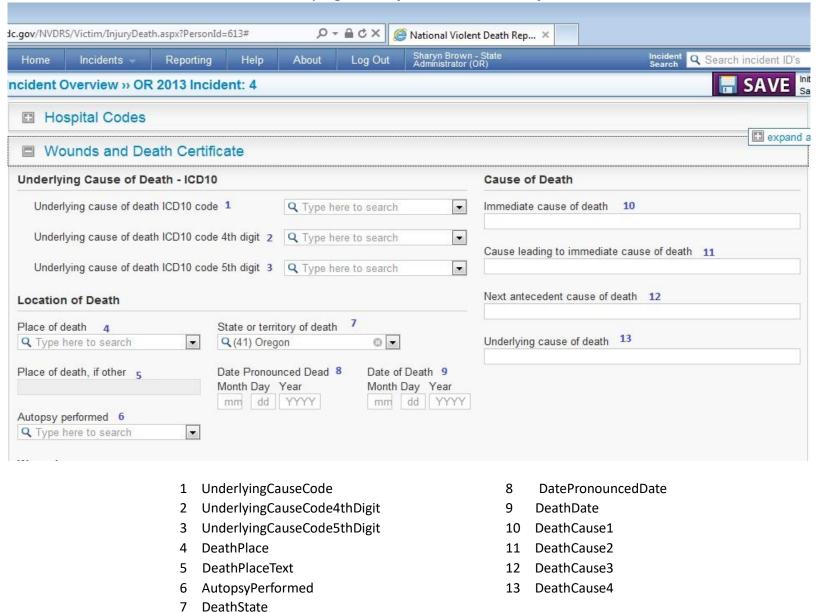
- 17 VictimInCustody
- 18 RecentRelease
- 19 AlcoholUseSuspected
- 20 SurvivalTime
- 21 SurvivalTimeUnit

V. Hospital Codes



- 1 EmergencyDepartment
- 2 HospitalAdmit
- 3 ExternalCause1ICD9
- 4 ExternalCause2ICD9
- 5 ExternalCause1ICD10
- 6 ExternalCause2ICD10

VI. Wounds and Death Certificate: Part 1: Underlying Cause of Death & Location of Death



VII. Wounds and Death Certificate: Part 2: Wounds and Multiple Conditions

| Number of penetrating wounds ## 14 | Number of bullets ## 17 | | |
|---|---|--|--|
| Wound to the face 15 | Wound to an upper extremity 18 | Wound to the neck 20 | Wound to the head 22 |
| Q Type here to search ▼ | Q Type here to search | Q Type here to search | Q Type here to search |
| Wound to the thorax 16 | Wound to a lower extremity 19 | Wound to the spine 21 | Wound to the abdomen 23 |
| Q Type here to search | Q Type here to search | Q Type here to search | Q Type here to search |
| Multiple Conditions Multiple conditions on DC (1) 24 | Multiple conditions on DC (2) 27 | Multiple conditions on DC (3) 30 | Multiple conditions on DC (4) 32 |
| Q Type here to | Q Type here to | Q Type here to | Q Type here to |
| Multiple conditions on DC (5) 25 Q Type here to | Multiple conditions on DC (6) 28 Q Type here to | Multiple conditions on DC (7) 31 Q Type here to | Multiple conditions on DC (8) 33 Q Type here to |
| Multiple conditions on DC (9) 26 Q Type here to | Multiple conditions on DC (10) 29 Q Type here to | | |

| 14 NumberWounds | 21 WoundToSpine | 28 MultiCondition06ICD10 |
|--------------------------|--------------------------|--------------------------|
| 15 WoundToFace | 22 WoundToHead | 29 MultiCondition10ICD10 |
| 16 WoundToThorax | 23 WoundToAbdomen | 30 MultiCondition03ICD10 |
| 17 NumberBullets | 24 MultiCondition01ICD10 | 31 MultiCondition07ICD10 |
| 18 WoundToUpperExtremity | 25 MultiCondition05ICD10 | 32 MultiCondition04ICD10 |
| 19 WoundToLowerExtremity | 26 MultiCondition09ICD10 | 33 MultiCondition08ICD10 |
| 20 WoundToNeck | 27 MultiCondition02ICD10 | |

VIII. Circumstances: Mental, Health, Substance Abuse, and Other Addiction & Relationship and Life Stressors

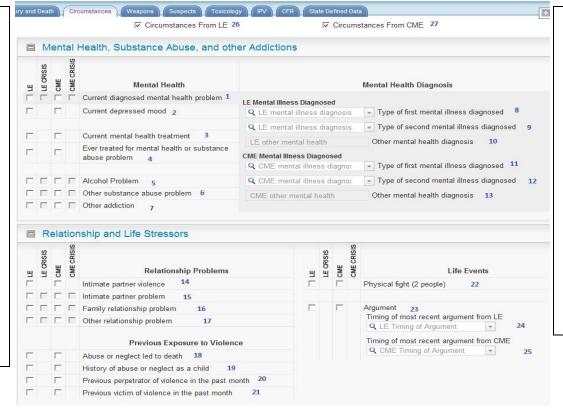
CIRCUMSTANCE VARIABLE NAMES BY DATA SOURCE (CME AND LE)

Variables abstracted from both the CME and the LE reports are exported into two variables. If the CME report is the source, the variable name is preceded by "CME" (e.g., "CME VariableName"). If the LE report is the source, the variable name is preceded by "LE " (e.g., "LE VariableName"). For instance, information on the

"Argument" variable will be

stored in "CME Argument"

and "LE Argument"



CRISIS VARIABLE NAMES

Whether a circumstance was a crisis (i.e., checking the "LE Crisis" or "CME Crisis" checkbox) is stored in a separate variable from the circumstance in the export file. Specifically, crisis variables will have the word "crisis" inserted between the data source (i.e., LE and CME) and the circumstance name in the variable label variable (e.g., CME CrisisVariableName, LE CrisisVariableName). For example, the crisis variables for "Stalking" will be CME CrisisStalking and LE CrisisStalking.

- MentalHealthProblem DepressedMood 2
- MentallllnessTreatmentCurrent
- HistoryMentalIllnessTreatment
- AlcoholProblem
- SubstanceAbuseOther
- OtherAddiction
- LE MentalHealthDiagnosis1

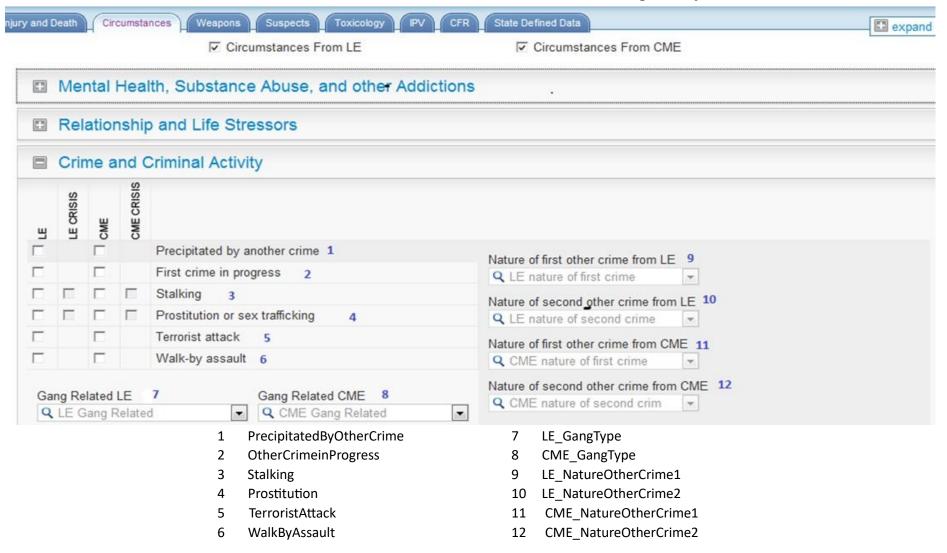
- LE MentalHealthDiagnosis2
- LE MentalHealthDiagnosisOther
- CME MentalHealthDiagnosis1 11
- CME MentalHealthDiagnosis2 12
- CME MentalHealthDiagnosisOther 13
- 14 IntimatePartnerViolence
- IntimatePartnerProblem 15
- **FamilyStressors**

- RelationshipProblemOther 17
- 18 DeathAbuse
- 19 AbusedAsChild
- InterpersonalViolencePerpetrator
- InterpersonalViolenceVictim 21
- FightBetweenTwoPeople
- Argument
- LE ArgumentTiming

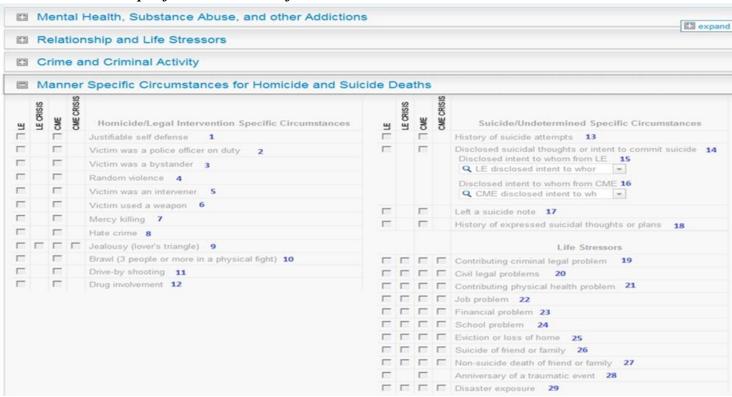
26 LE CircumstancesKnown 27 CME CircumstancesKnown

CME ArgumentTiming

IX. Circumstances: Mental, Health, Substance Abuse, and Other Addiction & Relationship and Life Stressors



X. Circumstances: Manner Specific Circumstances for Homicide and Suicide Deaths



| 1 | JustifiableSelfDefense | 8 | HateCrime | 15 | LE_DisclosedIntentToWhom | 22 | JobProblem |
|---|---------------------------|----|------------------------|----|------------------------------------|----|---------------------------|
| 2 | VictimPoliceOfficeOnDuty | 9 | Jealousy | 16 | ${\sf CME_DisclosedIntentToWhom}$ | 23 | FinancialProblem |
| 3 | Bystander | 10 | Brawl | 17 | SuicideNote | 24 | SchoolProblem |
| 4 | RandomViolence | 11 | DriveByShooting | 18 | SuicideThoughtHistory | 25 | EvictionorLossofHome |
| 5 | IntervenerAssistingVictim | 12 | DrugInvolvement | 19 | RecentCriminalLegalProblem | 26 | RecentSuicideFriendFamily |
| 6 | VictimUsedWeapon | 13 | SuicideAttemptHistory | 20 | LegalProblemOther | 27 | DeathFriendorFamilyOther |
| 7 | MercyKilling | 14 | SuicideIntentDisclosed | 21 | Physical Health Problem | 28 | TraumaticAnniversary |

XI. Circumstances: Manner Specific Circumstances for Unintentional Firearm Deaths

| [3] | Mental Health, Substance Abuse, and other Addictions | | | | | | | | | |
|---|---|--|--|--|-----------------------------|-----------|------------|--|--|--|
| | Relationship and Life Stressors | | | | | | | | | |
| | Crime and Criminal Activity | | | | | | | | | |
| | Manner Specific Circumstances for Homicide and Suicide Deaths | | | | | | | | | |
| | M | Manner Specific Circumstances for Unintentional Firearm Deaths | | | | | | | | |
| ш | LE CRISIS | CME CRISIS | Context of Injury | | щ | LE CRISIS | CME CRISIS | | | |
| | | | Hunting 1 | | | | | Thought safety was engaged 10 | | |
| | | | Target shooting 2 | | | | | Thought gun was unloaded, magazine disengaged 11 | | |
| | | | Self-defensive shooting 3 Celebratory firing 4 | | | | | Thought gun was unloaded, other 12 Unintentionally pulled trigger 13 | | |
| | | _ | Loading or unloading gun 5 | | | | | Bullet ricochet 14 | | |
| | | _ | Cleaning Gun 6 | | | | | Gun defect or malfunction 15 | | |
| | | _ | Showing gun to others 7 | | | | | Fired while holstering/unholstering 16 | | |
| | | | Playing with gun 8 | | | | | Dropped gun 17 | | |
| | | | Other context of injury 9 | | | | | Fired while operating safety/lock 18 | | |
| | | | | | | | | Gun mistaken for toy 19 | | |
| | | | | | Е | | | Other mechanism of injury 20 | | |
| | 1 | L Hunti | ng | 10 | GunThou | ghtS | Safety | Engaged | | |
| 2 TargetShooting3 SelfDefense4 CelebratoryFiring5 GunFiredLoadingUnloading6 GunCleaning | | | 11 | GunThoughtUnloadedMagazineDisengaged | | | | | | |
| | | | | | | | | | | |
| | | | 12 | GunUnintentionallyPulledTrigger BulletRicochet | | | | | | |
| | | | 13 | | | | | | | |
| | | | 14 | | | | | | | |
| | | | 15 | | | | | | | |
| | 7 GunShowing | | 16 | 6 GunFiredHolstering | | | | | | |
| | 8 | 3 GunP | laying | 17 | GunDropped | | | | | |
| | ç | Other | rContextInjury | 18 | GunFiredOperatingSafetyLock | | | | | |
| | | | | 19 | GunThoughtToy | | | | | |

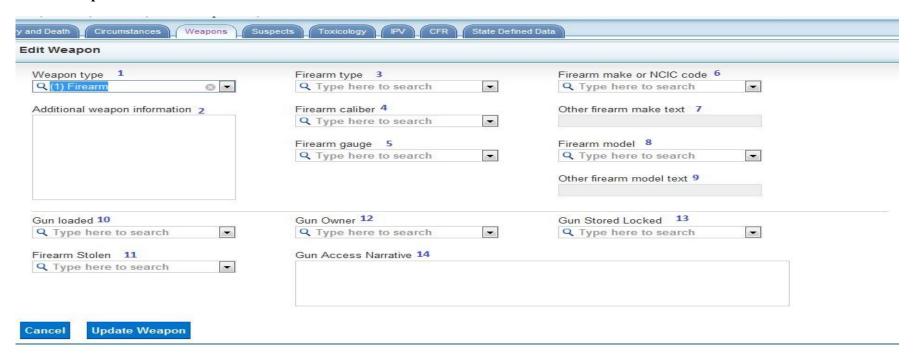
20 OtherMechanismInjury

XII. Circumstances: Manner Specific Circumstances for Unintentional Firearm Deaths



- 1 CrisisRecent
- 2 LE_CircumstancesOtherText
- 3 CME_CircumstancesOtherText

XIII. Weapons



- 1 WeaponType
- 2 WeaponOther
- 3 FirearmType
- 4 FirearmCaliber
- 5 FirearmGauge
- 6 FirearmMake
- 7 FirearmMakeText
- 8 FirearmModel
- 9 FirearmModelText

- 10 GunLoaded
- 11 FirearmStolen
- 12 GunOwner
- 13 GunStoredLocked
- 14 YouthGunAccessNarrative

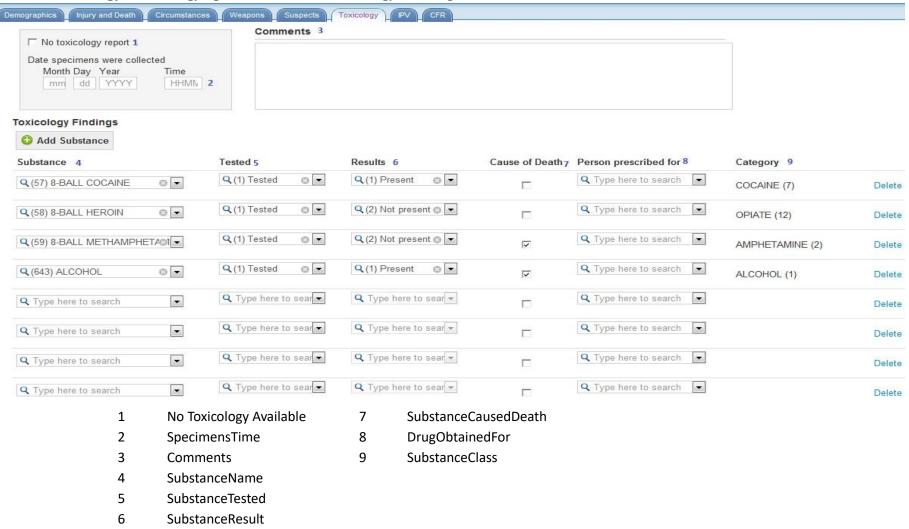
XIV. Suspects:

| Age of suspect in years ### 1 Sex Q Type here to search /ictim to suspect relationship 1 Q Type here to search /ictim to suspect relationship 2 Q Type here to search | 2 3 4 | History of abuse of victim by this suspect 5 This suspect was a caregiver for the victim 6 Suspect attempted suicide after incident 7 This suspect is also a victim in the incident 8 Suspect mentally ill 9 Suspect had developmental disability 10 Suspected alcohol use by suspect 11 Suspected substance use by suspect 12 Suspect had been in contact with law enforcement 13 Suspect was recently released from an institution | Race White 15 Black or African American 16 Asian 17 Native Hawaiian or Other Pacific Islander 18 American Indian or Alaska Native 19 Unspecified Race 20 Hispanic/Latino/Spanish Type here to search |
|---|-------|---|--|
| 11 12 | | 14 | |

- 1 AgeYears
- 2 Sex
- 3 VictimSuspectRelationship1
- 4 VictimSuspectRelationship2
- 5 AbuseHistory
- 6 CareGiver
- 7 AttemptedSuicide
- 8 SuspectAlsoVictim
- 9 SuspectMentallyIII
- 10 SuspectDisabilityDevelopmental
- 11 SuspectAlcoholUseSuspected
- 12 SuspectSubstanceUseSuspected
- 13 SuspectRecentRelease
- 14 SuspectContactPolice

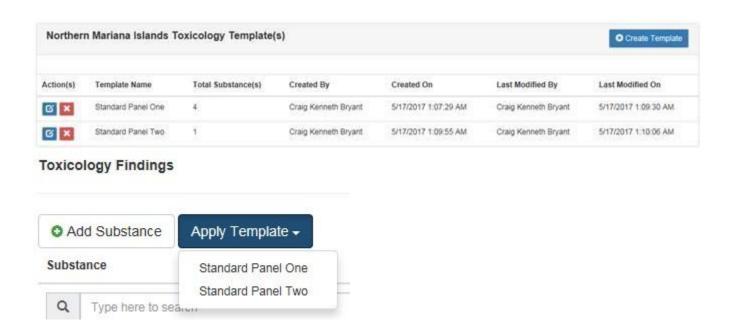
- 15 RaceWhite
- 16 RaceBlack
- 17 RaceAsian
- 18 RacePacificIslander
- 19 RaceAmericanIndian
- 20 RaceUnspecified
- 21 SuspectEthnicity

XV. Toxicology: Toxicology Specimen Date & Toxicology Findings

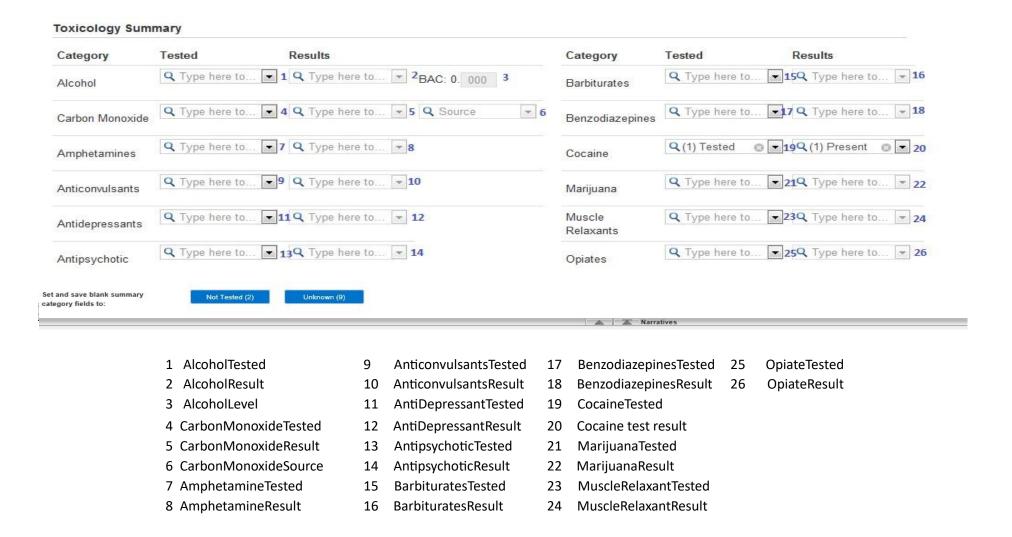


XVI. Toxicology Templates: new addition to the software

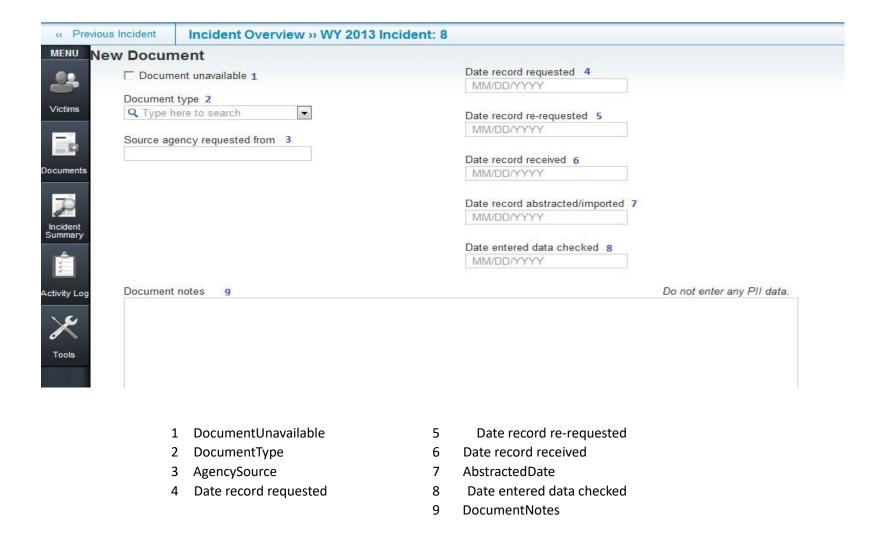
There is now a "templates" feature that may assist in entering tox data that comes to abstractors in standardized formats. State administrators can create toxicology templates, and then abstractors can add a template to a victim record by clicking the "apply template" button on the toxicology tab.



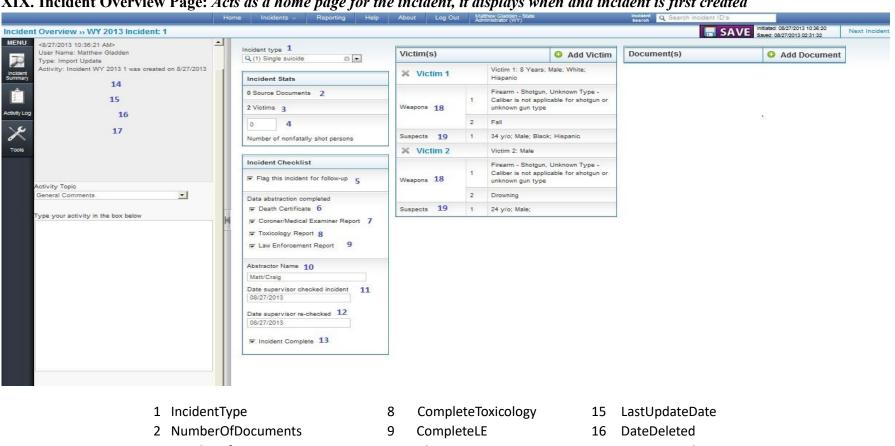
XVII. Toxicology: Toxicology Summary:



XVIII. Documents Page



XIX. Incident Overview Page: Acts as a home page for the incident, it displays when and incident is first created

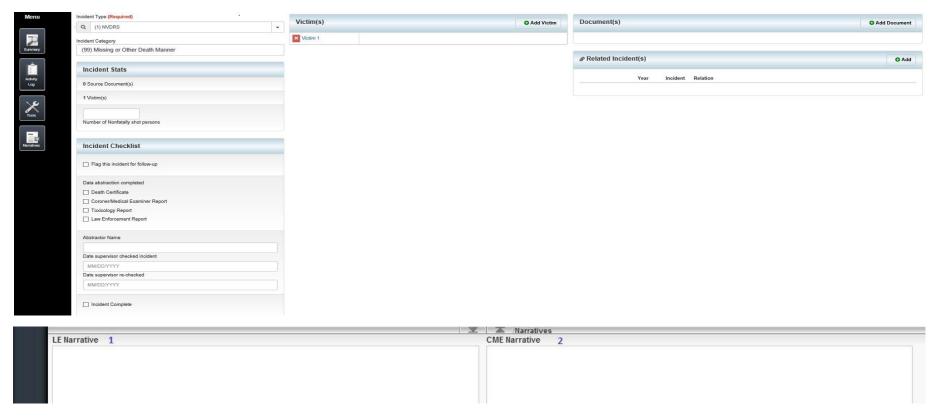


- 3 NumberofVictims
- 4 NumberNonfatallyShot
- 5 FollowUp
- 6 CompleteDC
- 7 CompleteCME

- 10 AbstractorName
- SupervisorCheckedDate
- SupervisorRecheckedDate
- CompleteIncident 13
- CreateDate

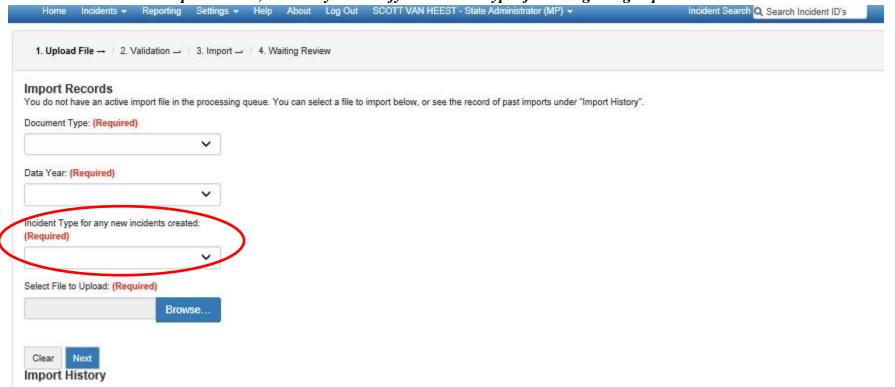
- DateMerged 17
- NumberOfWeapons
 - NumberOfSuspects

XX. CME and LE Incident Narratives

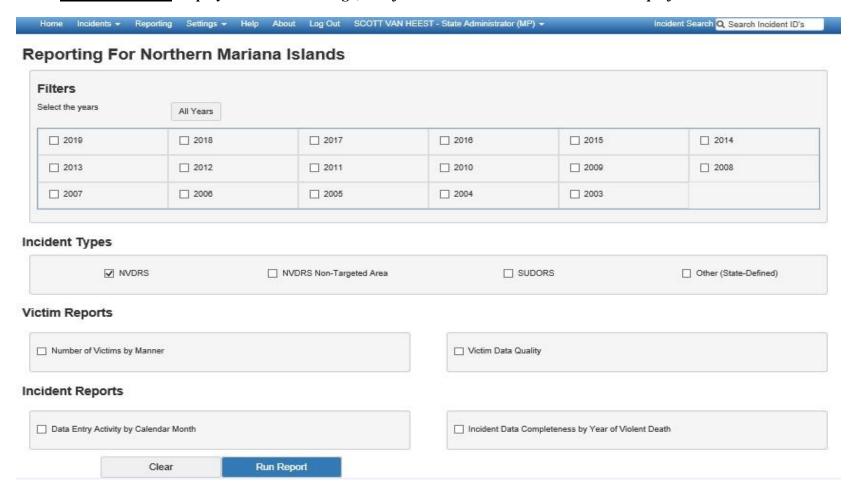


- 1 NarrativeLE
- 2 NarrativeCME

XXI. <u>Import Page:</u> Available to states to import information from death certificates, including ICD-10 and Coroner/Medical Examiner records. One new option added, the ability to identify the incident types for casing being imported.

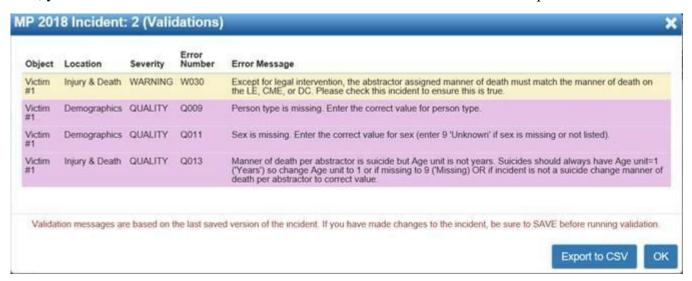


XXII. The Dashboard: Displays on the Home Page, tool for each state to monitor and evaluate perform



XXIII. Incident Validation: this is a new addition to the software

The new software architecture has allowed us to pull together all of the validation rules on the various data elements into a single screen. Now, you can click the "validate" button next to the "save" button and receive a report on all validation rules for the incident, like this:



In addition to the errors and warnings that have always been in the software, we have added about two dozen "data quality checks" that we have been running in SAS as part of the data closeout process. We plan to add more checks in the future.

XXIV. Related Incidents: this is a new addition to the software

We have added a panel to the Incident screen that allows users to create links between incidents. Each link has a description field and allows users to click through to see the related incident. The panel looks like this:



States will have a lot of freedom in determining what constitutes a "related" incident in NVDRS. Related incidents might include multiple homicides taking place outside of our 24-hour case definition criterion, unintentional drug overdoses with related suicides or homicides, and so on. In the future, we may add a drop down with relationship categories, based on how this feature is used in practice.

XXV. Overdose Module: An optional module added to NVDRS web-based system for the State Unintentional Drug Overdose Reporting System (SUDORS). The existence of NVDRS and its web-system made rapid scale-up of SUDORS to respond to the increase in overdose deaths possible. NVDRS does not collect these data elements.

