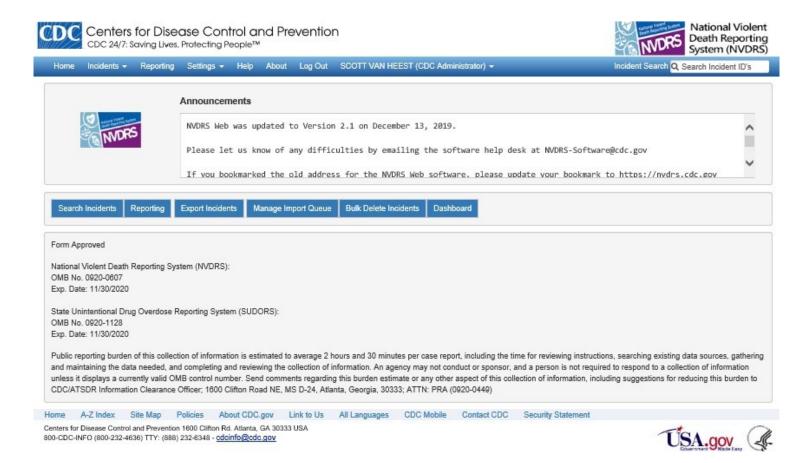
#### Attachment J

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

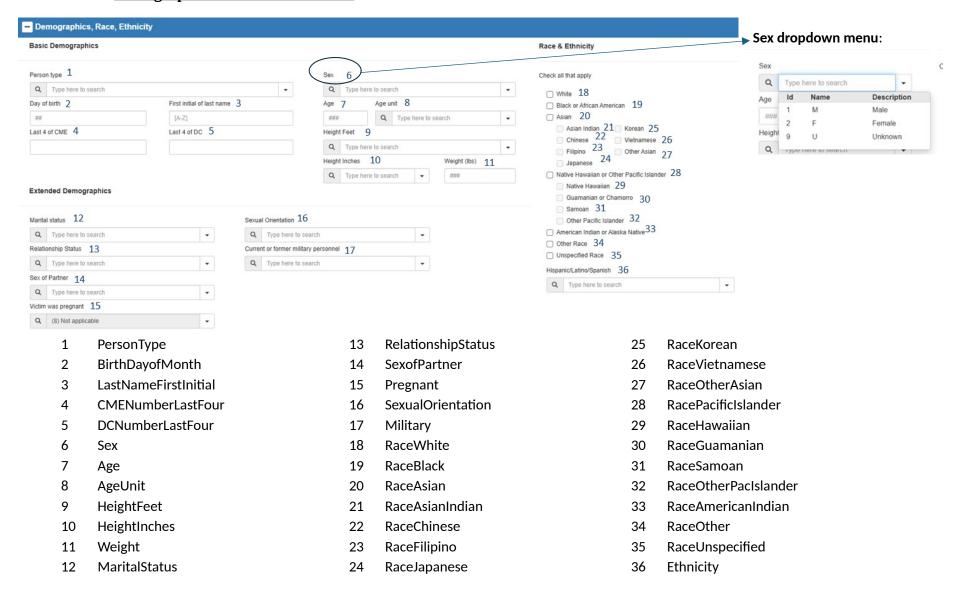
#### Introduction

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.

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



#### **II.** Demographic Variables for Victims:



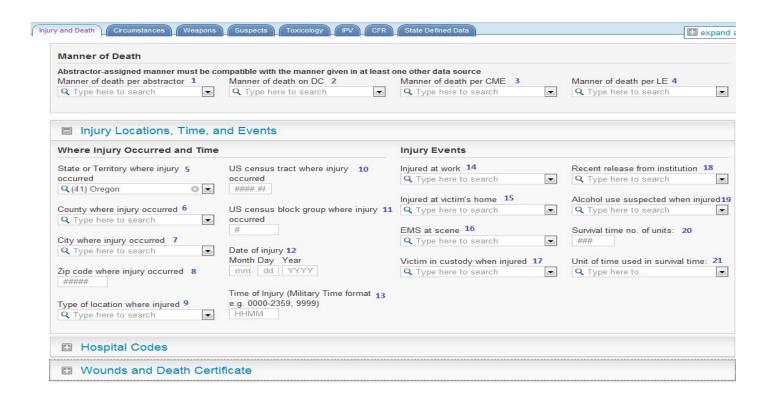
## III. Place of Residence, Birthplace, Industry, Occupation, and Education

Injury and	Death Circumstances Weapons Susp	pects Toxicology IPV CFR	State Defined Data	E
	Demographics, Race, an	d Ethnicity		
	■ Place of Residence, Birtl	nplace, Industry, Occupation	n, and Education	
	Residence	Residence Census	Birth Place	Other
	Country of residence 1	US Census tract of residence 6	Birth state, territory or country 10	Homeless 15
	Q (233) US	**** **	Q (99) Unknown 🔞 💌	Q(0) No
	State of residence 2	US Census block group of residence	e 7 Birth Country, if other 11	
	Q (41) Oregon 🐵 💌	#	,,	
	County of residence 3	Industry	Occupation	Education
	Q Type here to search			
	City of providence A	Kind of business/industry code 8	Usual occupation code 12	Education by degree 16 Q (1) 9th - 12th grade
	City of residence 4  Q Type here to search	***	*****	Q (1) 9th - 12th grade 🔞
	( Type here to obtain	Usual industry text 9	Usual occupation text 13	Education by number of years 17
	Zip code of residence 5			Q Type here to search
	88888		Current occupation 14	
1 Count	trv	1 Birth	Place	
	•	0		
2 Reside	enceState	1 Birth	CountryOther	
		1	,	
3 Reside	enceCounty	1 Usua	alOccupation	
		2		
4 Reside	enceCity	1 Occu	ıpationText	
		3		
5 Reside	enceZip	1 Occu	ıpationCurrentTe	
	•	4 xt		
6 Reside	enceCensusTract	1 Hom	eless	
		5		
7 Reside	enceCensusBlock	1 Educ	ationLevel	
		6		

8 Industry

9 IndustryText

#### IV. Injury and Death

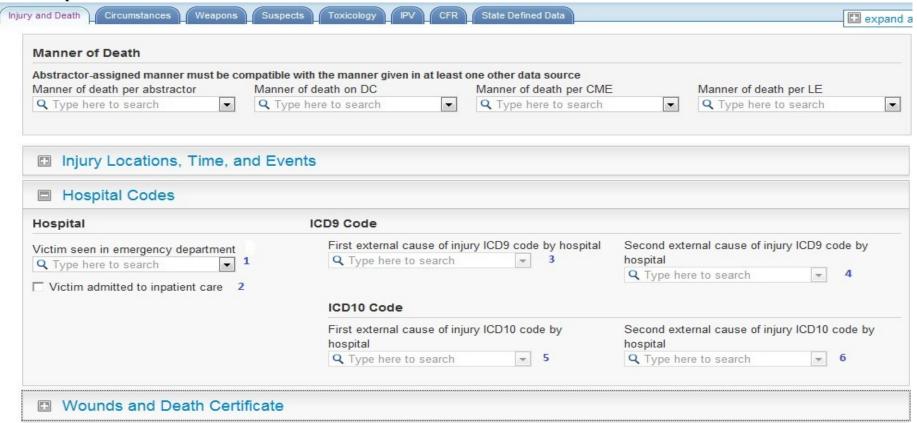


EducationYears

- 1 DeathMannerAbstractor 9 InjuryLocationType 17 VictimInCustody
- 2 DeathMannerDC 10 CensusTract 18 RecentRelease

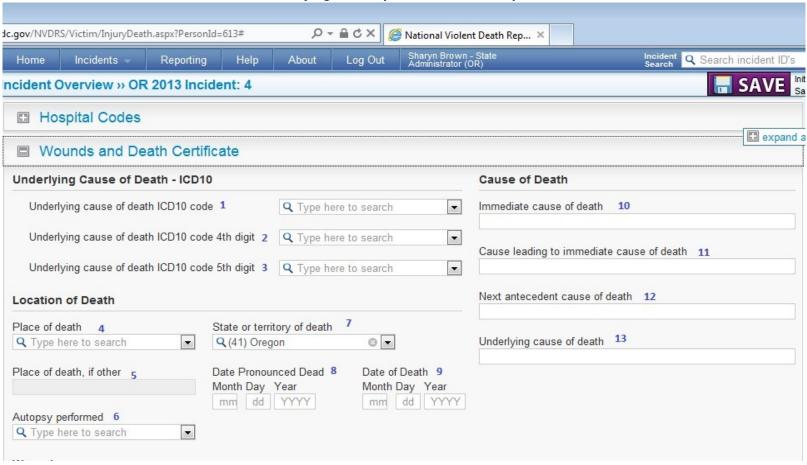
3	DeathMannerCME	11	CensusBlock	19	AlcoholUseSuspect ed
4	DeathMannerLE	12	InjuryDate	20	SurvivalTime
5	InjuryState	13	InjuryTime	21	SurvivalTimeUnit
6	InjuryCounty	14	InjuredAtWork		
7	InjuryCity	15	InjuredAtVictimHome		
8	InjuryZip	16	EMSPresent		

#### 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



- 1 UnderlyingCauseCode
- 2 UnderlyingCauseCode4thDigit
- 3 UnderlyingCauseCode5thDigit
- 4 DeathPlace
- 5 DeathPlaceText
- 6 AutopsyPerformed

- 8 DatePronouncedDate
- 9 DeathDate
- 10 DeathCause1
- 11 DeathCause2
- 12 DeathCause3
- 13 DeathCause4

#### 7 DeathState

#### 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  Q Type here to	Multiple conditions on DC (2) 27  Q Type here to	Multiple conditions on DC (3) 30  Q Type here to	Multiple conditions on DC (4) 32  Q Type here to
Multiple conditions on DC (5) 25	Multiple conditions on DC (6) 28	Multiple conditions on DC (7) 31	Multiple conditions on DC (8) 33
Q Type here to	Q Type here to	Q Type here to	Q Type here to
Multiple conditions on DC (9) 26	Multiple conditions on DC (10) 29		

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)

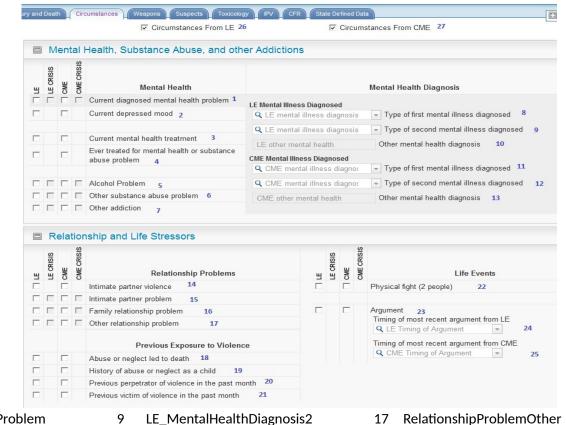
Variables abstracted from both the CME and the LE reports are exported into two variables. If the CME report is the source, the variable name is preceded by "CME\_" (e.g., "CME\_VariableName"). If the LE report is the source, the variable name is preceded by "LE\_" (e.g., "LE\_VariableName"). For instance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

"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,

CME\_CrisisVariableName, LE\_CrisisVariableName). For example, the crisis variables for "Stalking" will be CME\_CrisisStalking and LE\_CrisisStalking.

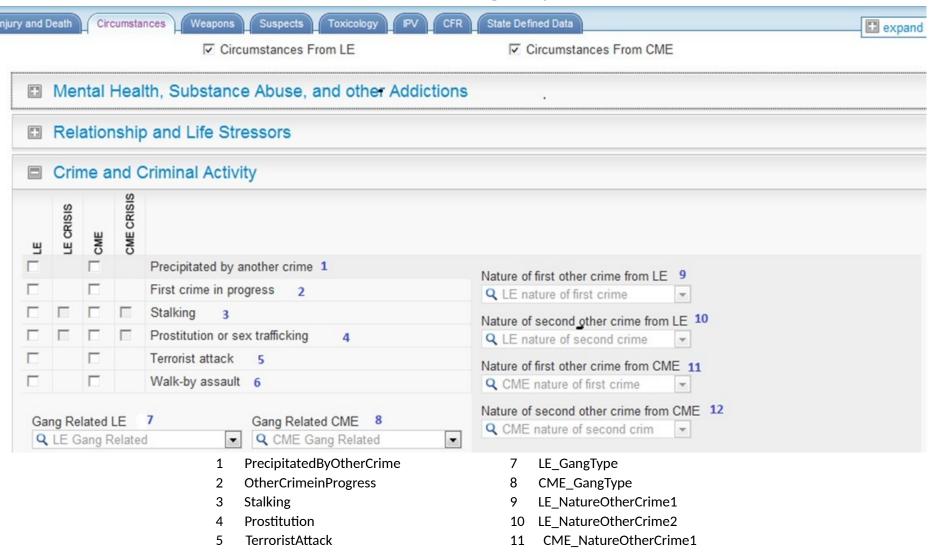


MentalHealthProblem DepressedMood LE\_MentalHealthDiagnosisOther DeathAbuse 18 MentalIllnessTreatmentCurrent 11 CME\_MentalHealthDiagnosis1 19 AbusedAsChild HistoryMentalIllnessTreatment CME\_MentalHealthDiagnosis2 InterpersonalViolencePerpetrat 12 20 CME MentalHealthDiagnosisOther AlcoholProblem or InterpersonalViolenceVictim 21 SubstanceAbuseOther IntimatePartnerViolence 14 FightBetweenTwoPeople OtherAddiction IntimatePartnerProblem 15 LE\_MentalHealthDiagnosis1 16 **FamilyStressors** 23 Argument

26 LE\_CircumstancesKnown27 CME\_CircumstancesKnown

- 24 LE\_ArgumentTiming
- 25 CME\_ArgumentTiming

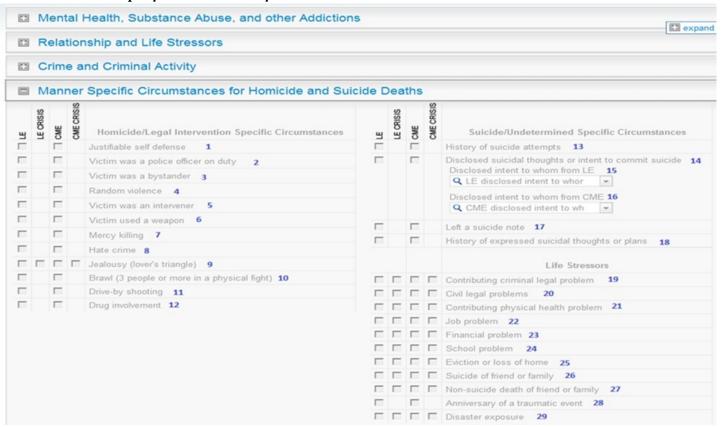
IX.
Circumstances: Mental, Health, Substance Abuse, and Other Addiction & Relationship and Life Stressors



#### 6 WalkByAssault

#### 12 CME\_NatureOtherCrime2

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



- 1 JustifiableSelfDefense
- 2 VictimPoliceOfficeOnDuty
- 3 Bystander

- B HateCrime
- Jealousy
- 10 Brawl

- 15 LE\_DisclosedIntentToWhom
- 16 CME\_DisclosedIntentToWhom
- 17 SuicideNote

- 22 JobProblem
- 23 FinancialProblem
- 24 SchoolProblem

RandomViolence 11 DriveByShooting 18 SuicideThoughtHistory 25 EvictionorLossofHome 19 RecentCriminalLegalProblem IntervenerAssistingVictim 12 DrugInvolvement 26 RecentSuicideFriendFamily LegalProblemOther 27 VictimUsedWeapon 13 SuicideAttemptHistory DeathFriendorFamilyOther 7 MercyKilling TraumaticAnniversary 14 SuicideIntentDisclosed 21 PhysicalHealthProblem XI. Circumstances: Manner Specific Circumstances for Unintentional Firearm Deaths Mental Health, Substance Abuse, and other Addictions Relationship and Life Stressors Crime and Criminal Activity Manner Specific Circumstances for Homicide and Suicide Deaths Manner Specific Circumstances for Unintentional Firearm Deaths CME CRISIS **CME CRISIS** LE CRISIS LE CRISIS CME SME Context of Injury Mechanism of Injury Thought safety was engaged 10 Hunting 1 Target shooting 2 Thought gun was unloaded, magazine disengaged 11 Thought gun was unloaded, other 12 Self-defensive shooting 3 Celebratory firing 4 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 Other mechanism of injury 20 Hunting GunThoughtSafetyEngaged 1 1 0 2 TargetShooting 1 GunThoughtUnloadedMagazineDisengage 1 d SelfDefense GunThoughtUnloadedOther 3 1 2 CelebratoryFiring 1 GunUnintentionallyPulledTrigger 4 3

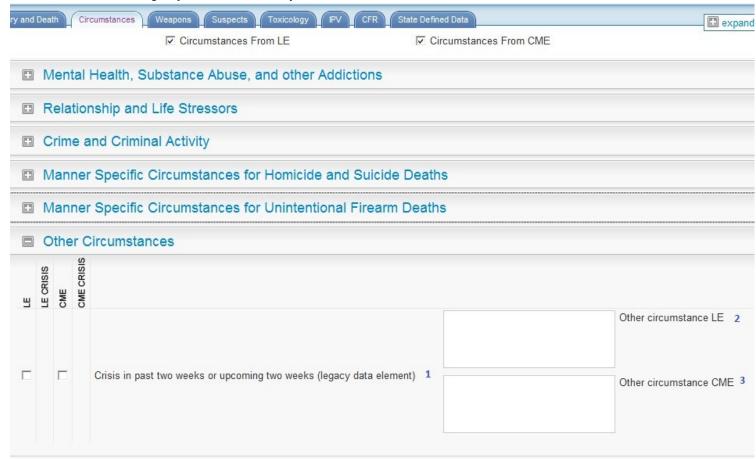
BulletRicochet

5

GunFiredLoadingUnloading

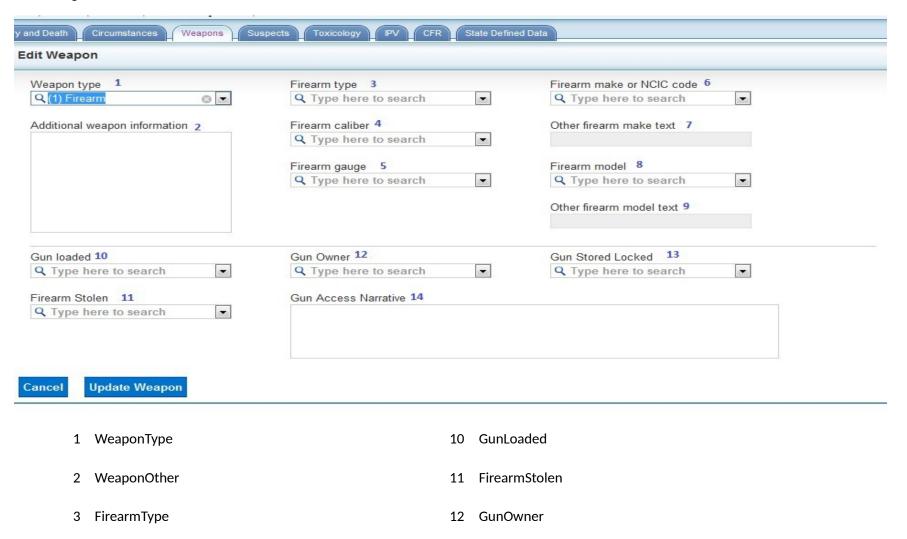
GunCleaning	1	GunDefectMalfunction
	5	
GunShowing	1	GunFiredHolstering
	6	
GunPlaying	1	GunDropped
	7	
OtherContextInjury	1	GunFiredOperatingSafetyLock
	8	
	1	GunThoughtToy
	9	
	2	OtherMechanismInjury
	0	
	GunShowing GunPlaying	GunShowing 5 GunPlaying 1 6 GunPlaying 7 OtherContextInjury 1 8 1 9 2

#### XII. Circumstances: Manner Specific Circumstances for Unintentional Firearm Deaths



1 CrisisRecent 2 LE\_CircumstancesOtherText 3 CME\_CircumstancesOtherText

#### XIII. Weapons



- 4 FirearmCaliber
- 5 FirearmGauge
- 6 FirearmMake
- 7 FirearmMakeText
- 8 FirearmModel
- 9 FirearmModelText

- 13 GunStoredLocked
- 14 YouthGunAccessNarrati ve

#### **XIV. Suspects:**



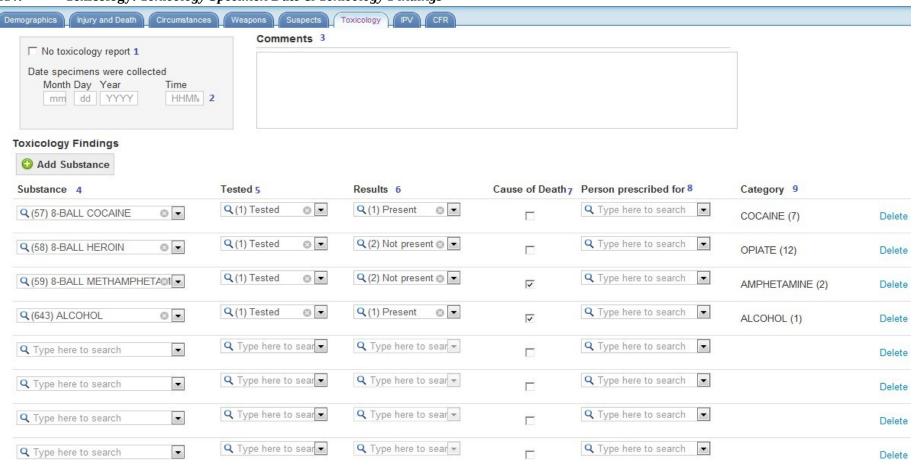
1 AgeYears

5 AbuseHistory

1 RaceWhite

2	Sex	6	CareGiver	1	RaceBlack
				6	
3	VictimSuspectRelationship1	7	AttemptedSuicide	1	RaceAsian
				7	
4	VictimSuspectRelationship2	8	SuspectAlsoVictim	1	RacePacificIslande
				8	r
		9	SuspectMentallyIII	1	RaceAmericanIndi
				9	an
		1	SuspectDisabilityDevelopmental	2	RaceUnspecified
		0		0	
		1	SuspectAlcoholUseSuspected	2	SuspectEthnicity
		1		1	
		1	SuspectSubstanceUseSuspected		
		2			
		1	SuspectRecentRelease		
		3	·		
		1	SuspectContactPolice		
		4	•		

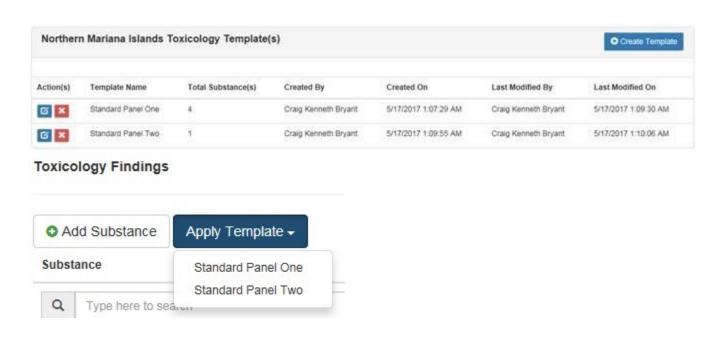
#### XV. Toxicology: Toxicology Specimen Date & Toxicology Findings



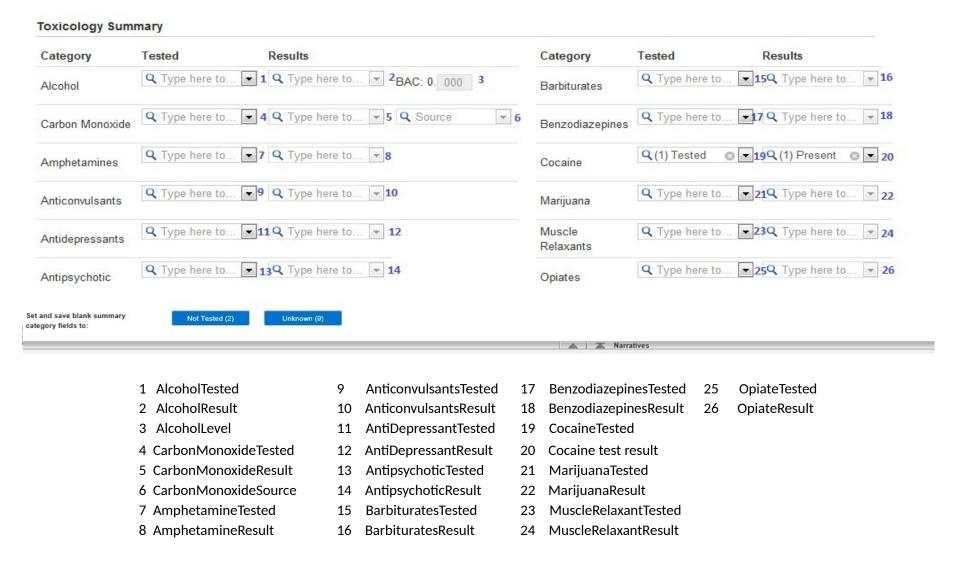
1 No Toxicology Available 7 SubstanceCausedDeath 2 SpecimensTime 8
DrugObtainedFor 3 Comments 9 SubstanceClass 4 SubstanceName
5 SubstanceTested 6 SubstanceResult

#### XVI. Toxicology Templates: new addition to the software

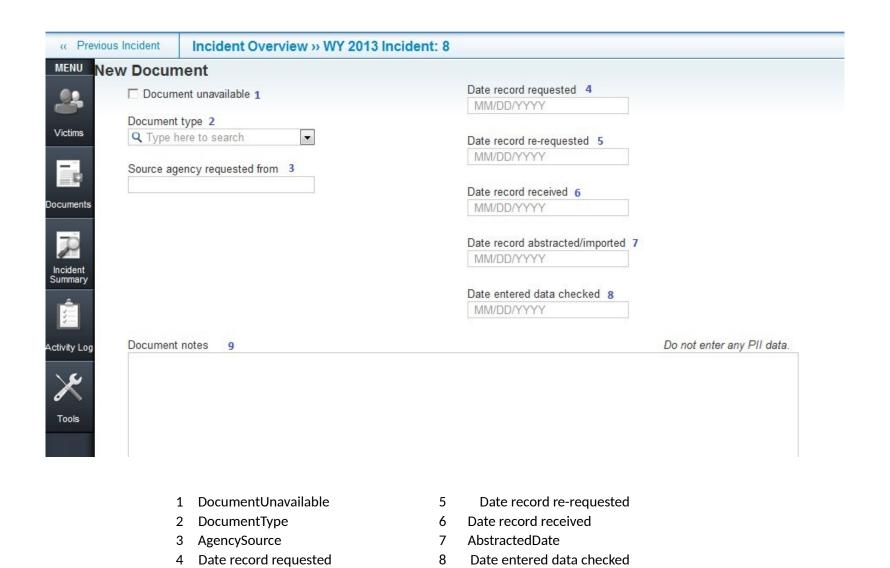
There is now a "templates" feature that may assist in entering tox data that comes to abstractors in standardized formats. State administrators can create toxicology templates, and then abstractors can add a template to a victim record by clicking the "apply template" button on the toxicology tab.



#### **XVII. Toxicology: Toxicology Summary:**

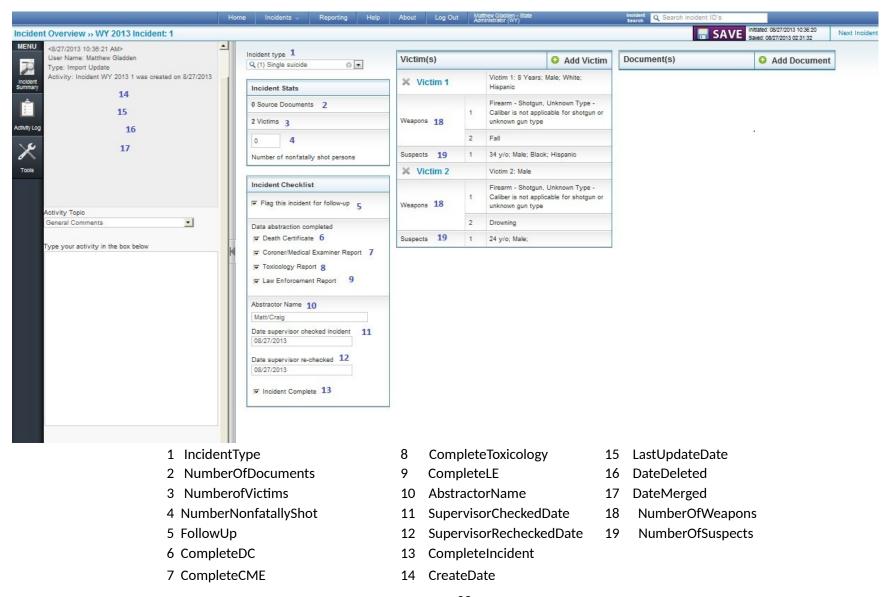


**XVIII. Documents Page** 

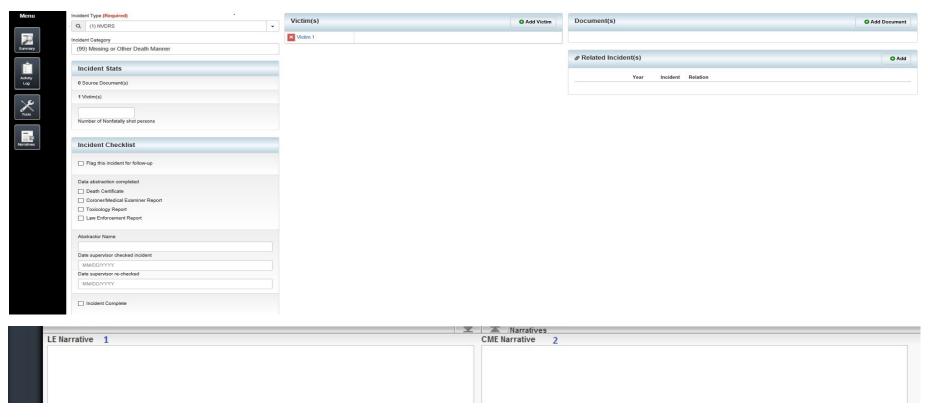


DocumentNotes

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

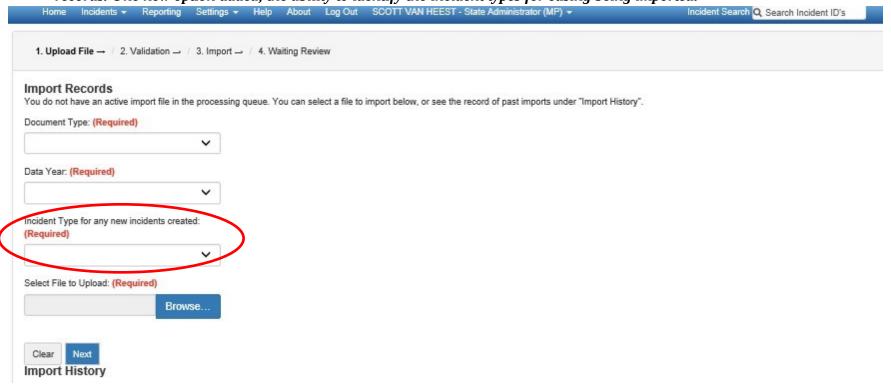


#### **XX.** CME and LE Incident Narratives



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 performance

Filters Select the years					
pereut the years	All Years				
2019	2018	2017	2016	2015	2014
□ 2013	2012	□ 2011	2010	2009	2008
2007	□ 2008	2005	2004	□ 2003	
ident Types	/DRS	☐ NVDRS Non-Targeted Area		SUDORS	Other (State-Defined
₩ N	iuks	☐ NVDRS Non-Largeted Area		SUDUKS	U Other (State-Define
ctim Reports					

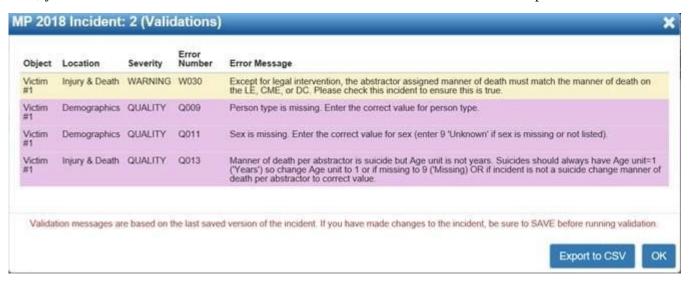
# ٧

☐ Number of Victims by Manner	☐ Victim Data Quality
Incident Reports	

Data Entry Activity by Calendar Month ☐ Incident Data Completeness by Year of Violent Death Clear Run Report

#### 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.

