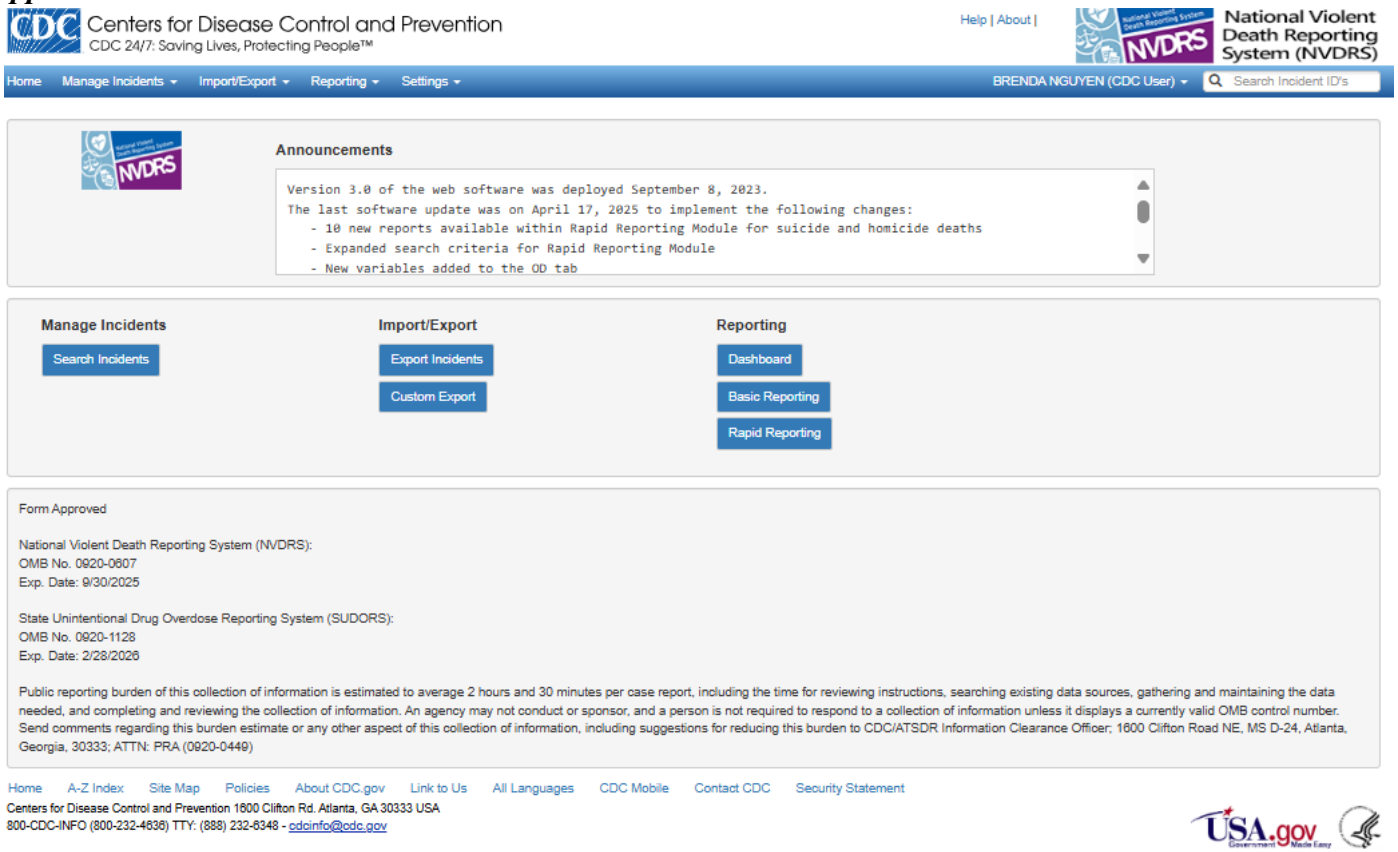
Attachment 6

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

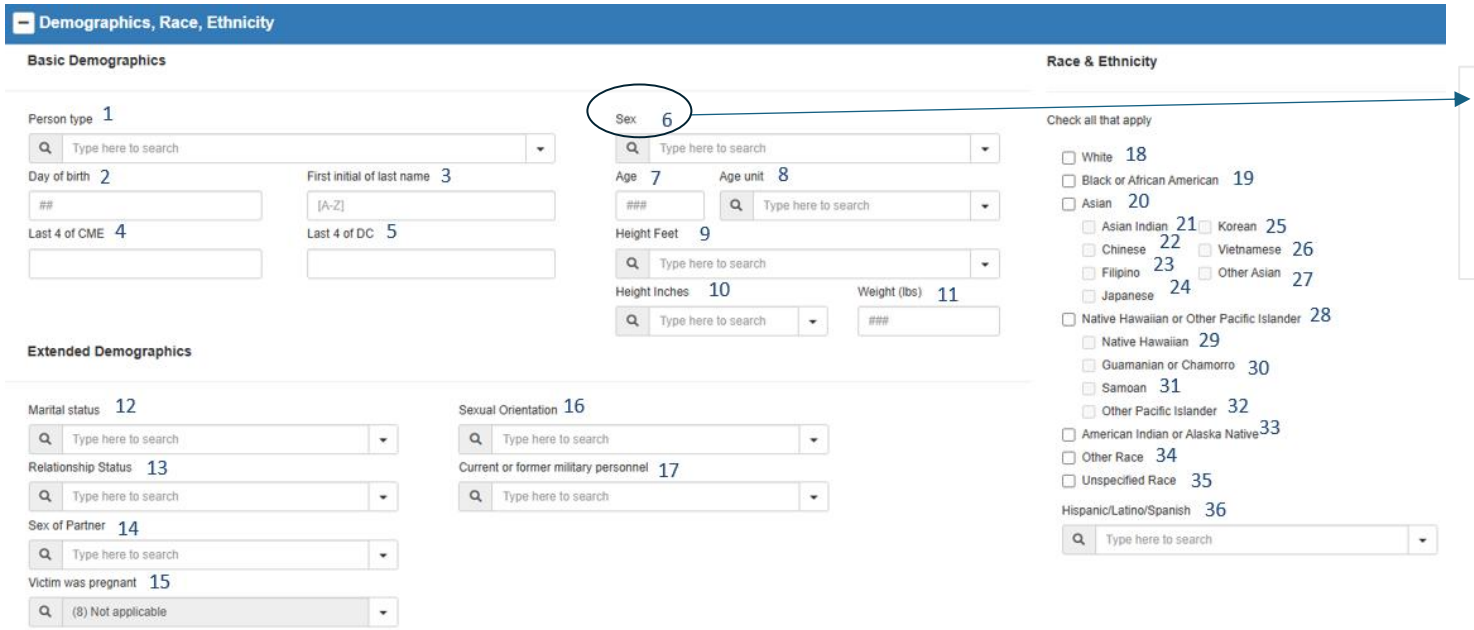
Introduction

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.

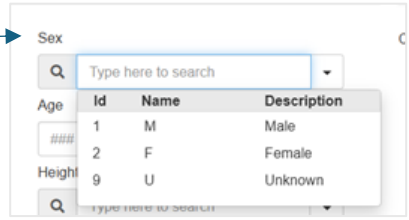
I. Landing Page: ***Displays once securely logged on to Secure Access Managemt Services (SAMS) and granted entry into the application.***



II. Demographic Variables for Victims:

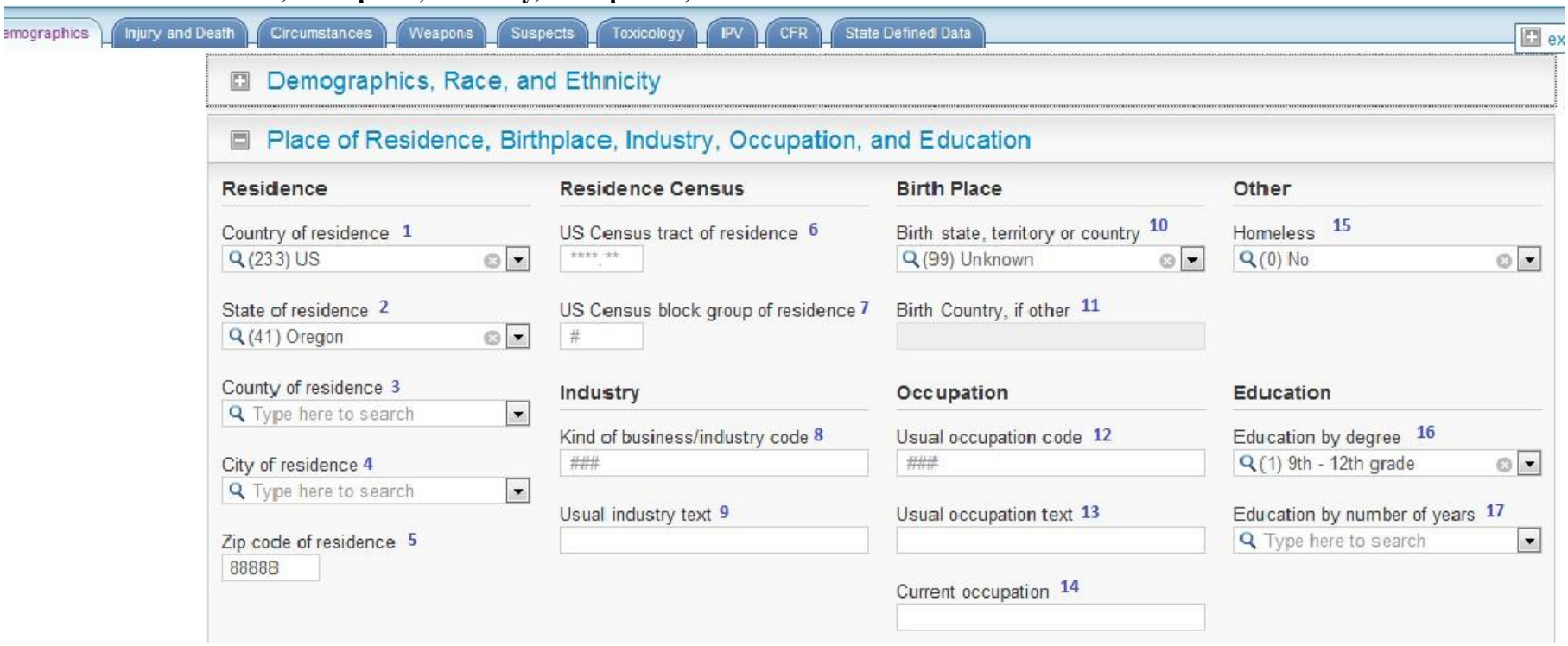


Sex dropdown menu:



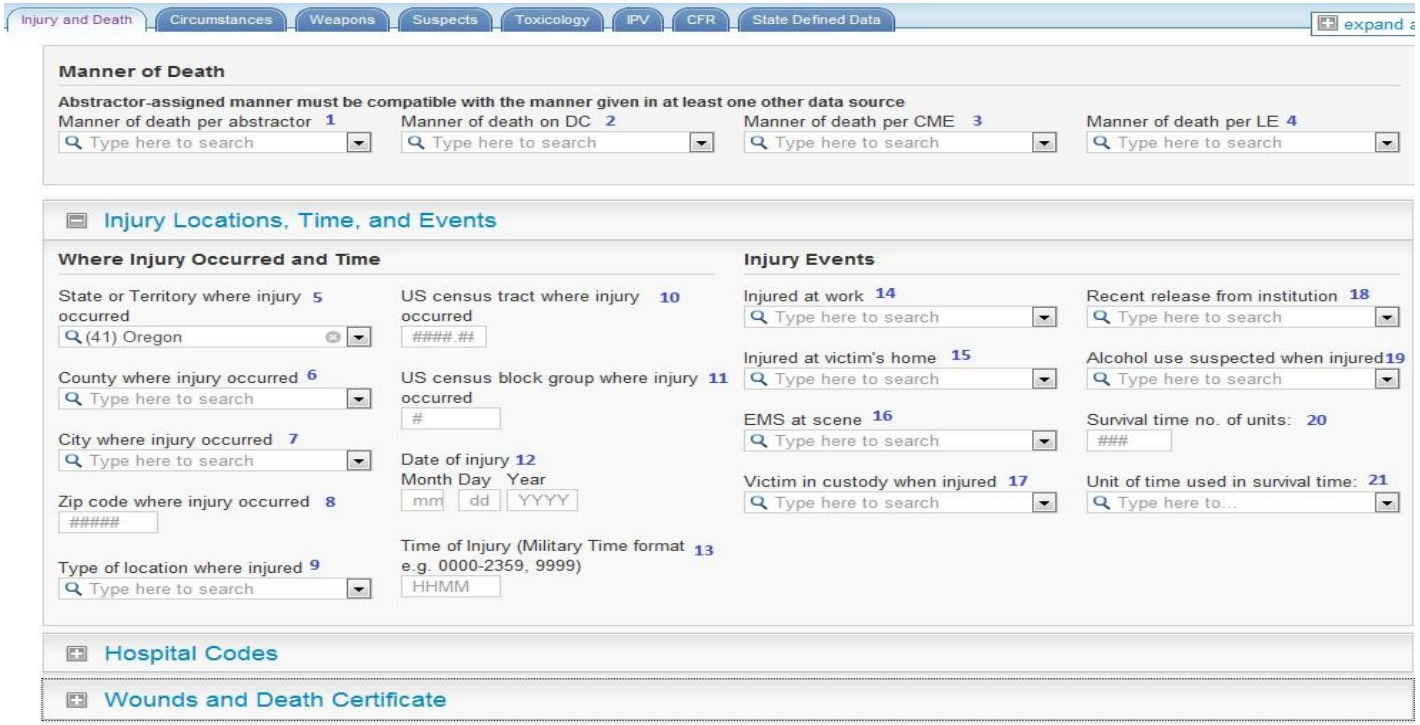
1	PersonType	13	RelationshipStatus	25	RaceKorean
2	BirthDayofMonth	14	SexofPartner	26	RaceVietnamese
3	LastNameFirstInitial	15	Pregnant	27	RaceOtherAsian
4	CMENumberLastFour	16	SexualOrientation	28	RacePacificIslander
5	DCNumberLastFour	17	Military	29	RaceHawaiian
6	Sex	18	RaceWhite	30	RaceGuamanian
7	Age	19	RaceBlack	31	RaceSamoan
8	AgeUnit	20	RaceAsian	32	RaceOtherPacIslander
9	HeightFeet	21	RaceAsianIndian	33	RaceAmericanIndian
10	HeightInches	22	RaceChinese	34	RaceOther
11	Weight	23	RaceFilipino	35	RaceUnspecified
12	MaritalStatus	24	RaceJapanese	36	Ethnicity

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



1 Country
2 ResidenceState
3 ResidenceCounty
4 ResidenceCity
5 ResidenceZip
6 ResidenceCensusTract
7 ResidenceCensusBlock
8 Industry
9 IndustryText
10 BirthPlace
11 BirthCountryOther
12 UsualOccupation
13 OccupationText
14 OccupationCurrentText
15 Homeless
16 EducationLevel
17 EducationYears

IV. Injury and Death

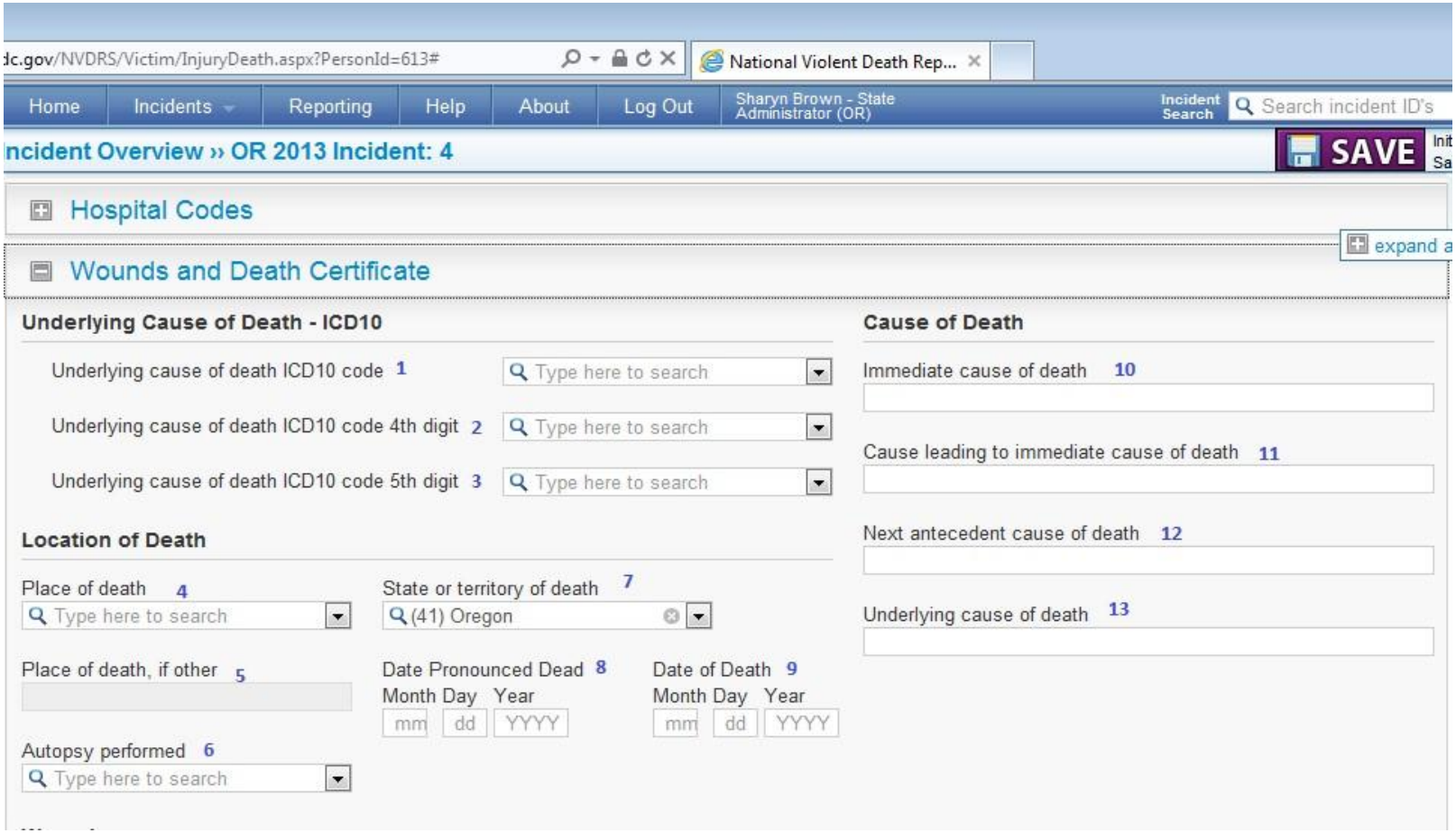


1 DeathMannerAbstractor
2 DeathMannerDC
3 DeathMannerCME
4 DeathMannerLE
5 InjuryState
6 InjuryCounty
7 InjuryCity
8 InjuryZip
9 InjuryLocationType
10 CensusTract
11 CensusBlock
12 InjuryDate
13 InjuryTime
14 InjuredAtWork
15 InjuredAtVictimHome
16 EMSPresent
17 VictimInCustody
18 RecentRelease
19 AlcoholUseSuspected
20 SurvivalTime
21 SurvivalTimeUnit

V. Hospital Codes

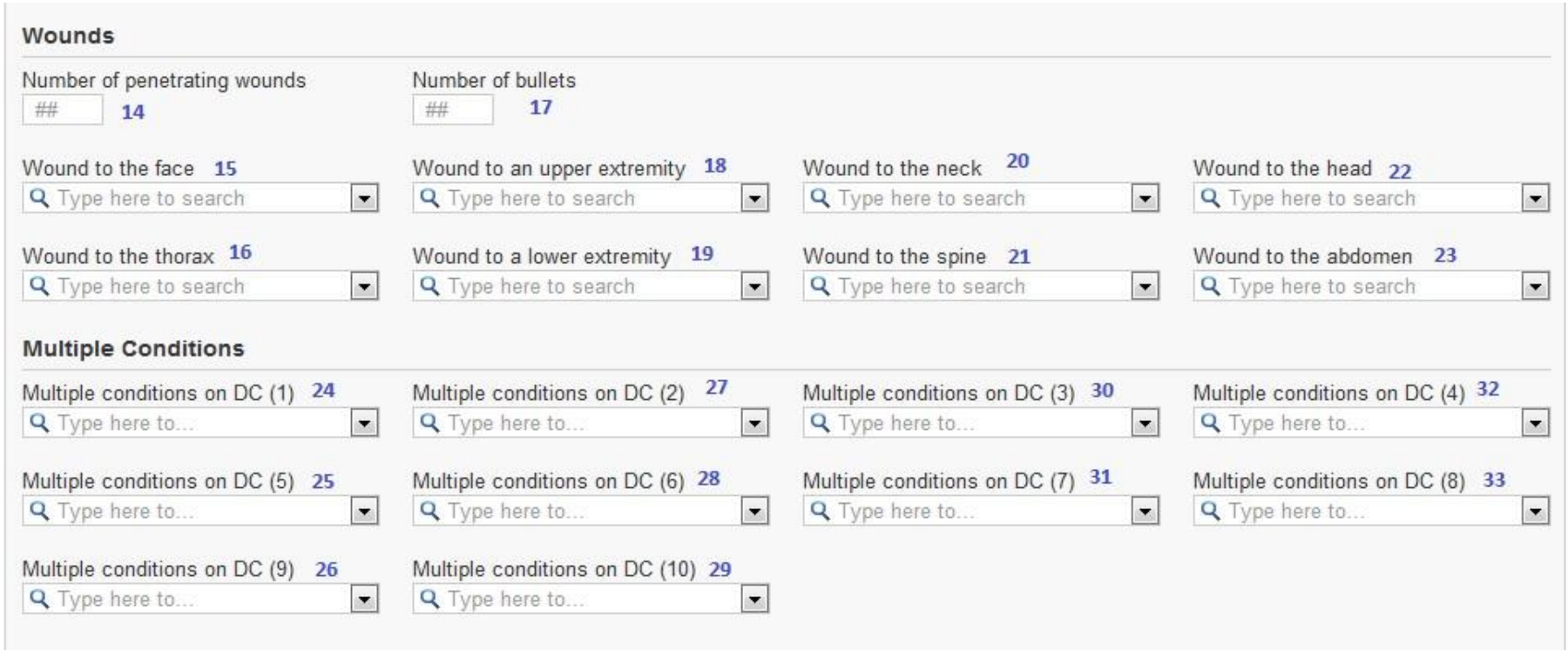
1 EmergencyDepartment
2 HospitalAdmit
3 ExternalCause1ICD9
4 ExternalCause2ICD9
5 ExternalCause1ICD10
6 ExternalCause2ICD10

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



1 UnderlyingCauseCode
2 UnderlyingCauseCode4thDigit
3 UnderlyingCauseCode5thDigit
4 DeathPlace
5 DeathPlaceText
6 AutopsyPerformed
7 DeathState
8 DatePronouncedDate
9 DeathDate
10 DeathCause1
11 DeathCause2
12 DeathCause3
13 DeathCause4

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

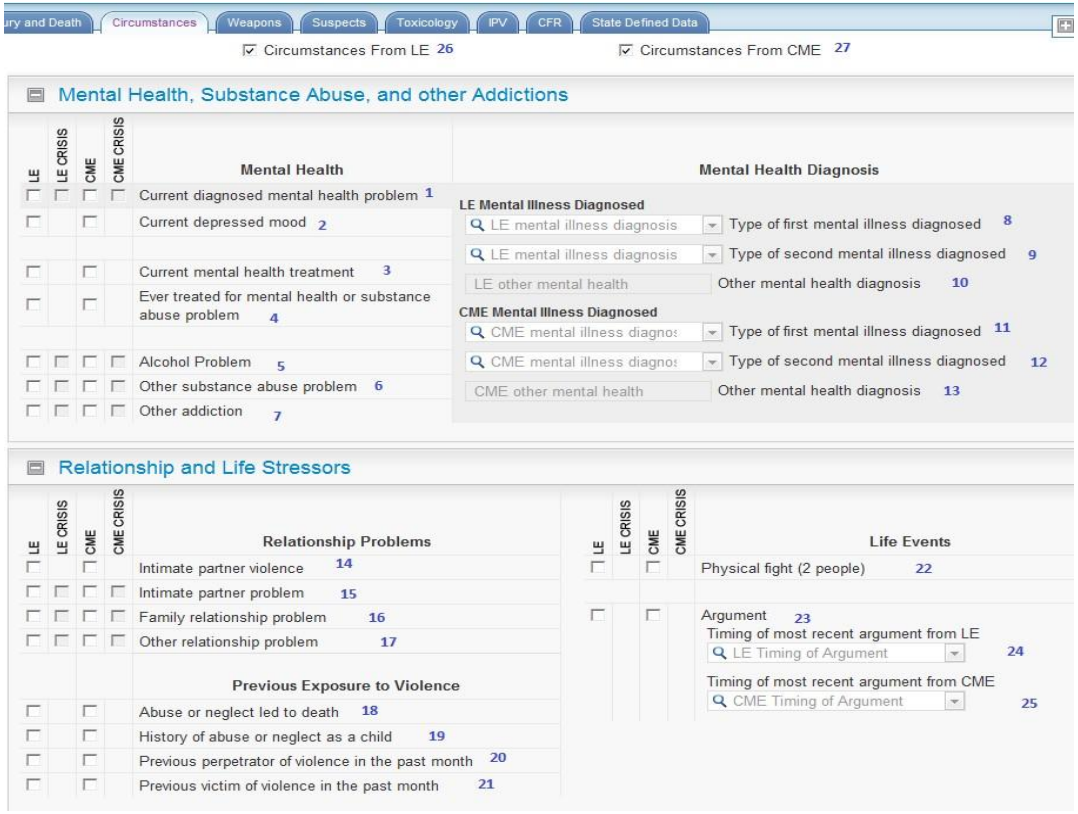


14 NumberWounds	21 WoundToSpine	28 MultiCondition06ICD10
15 WoundToFace	22 WoundToHead	29 MultiCondition10ICD10
16 WoundToThorax	23 WoundToAbdomen	30 MultiCondition03ICD10
17 NumberBullets	24 MultiCondition01ICD10	31 MultiCondition07ICD10
18 WoundToUpperExtremity	25 MultiCondition05ICD10	32 MultiCondition04ICD10
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"

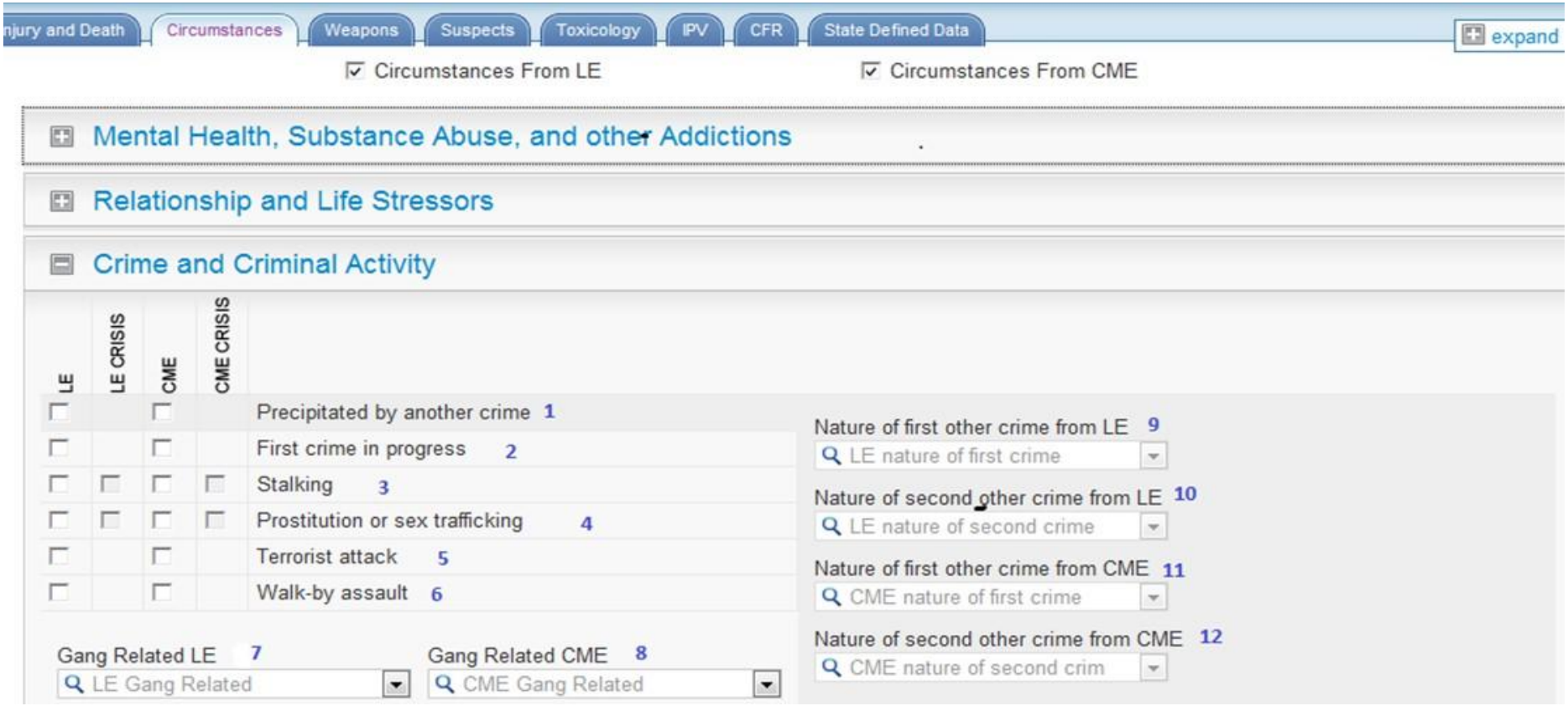


CRISIS VARIABLE NAMES

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.

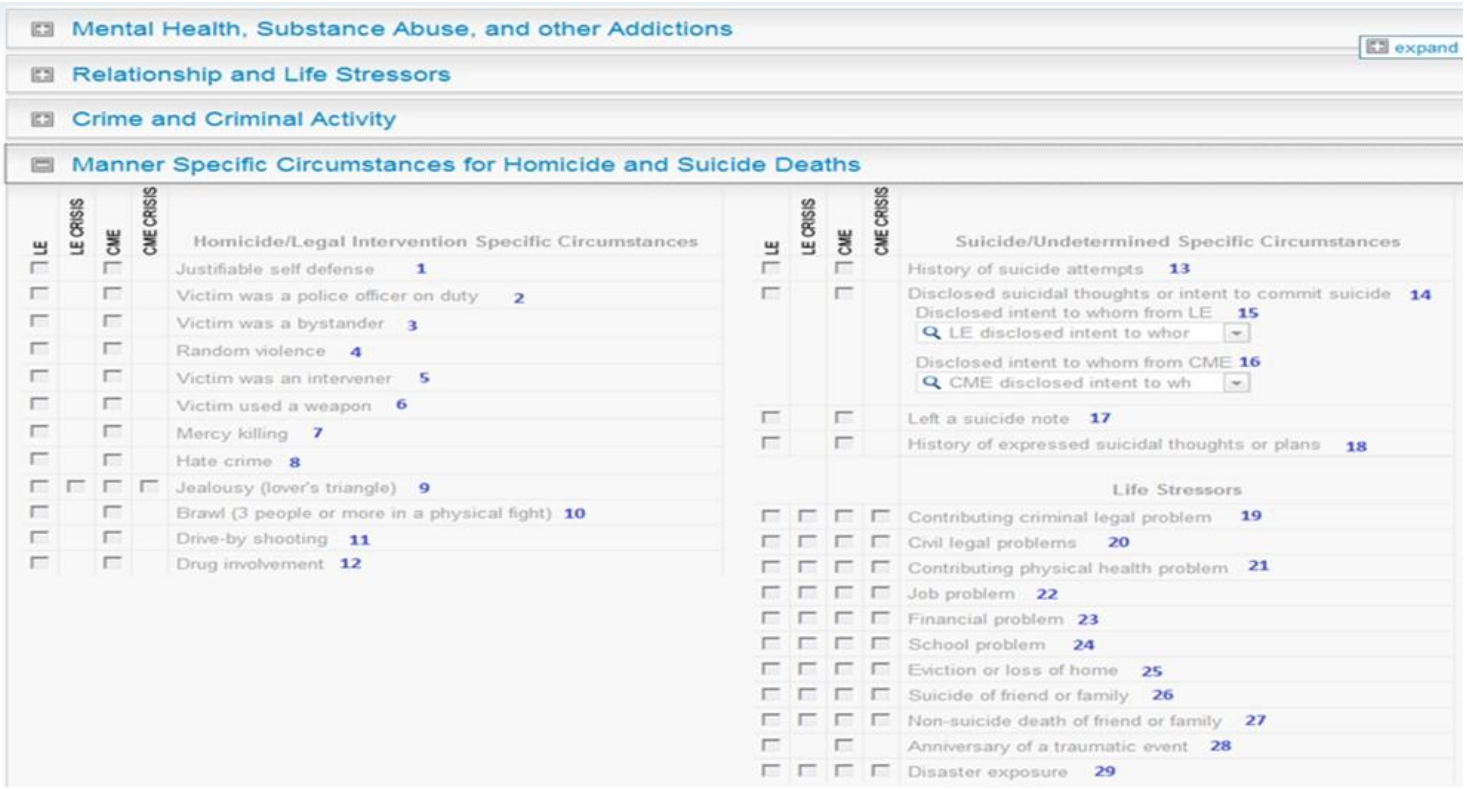
1 MentalHealthProblem
2 DepressedMood
3 MentalIllnessTreatmentCurrent
4 HistoryMentalIllnessTreatment
5 AlcoholProblem
6 SubstanceAbuseOther
7 OtherAddiction
8 LE_MentalHealthDiagnosis1
9 LE_MentalHealthDiagnosis2
10 LE_MentalHealthDiagnosisOther
11 CME_MentalHealthDiagnosis1
12 CME_MentalHealthDiagnosis2
13 CME_MentalHealthDiagnosisOther
14 IntimatePartnerViolence
15 IntimatePartnerProblem
16 FamilyStressors
17 RelationshipProblemOther
18 DeathAbuse
19 AbusedAsChild
20 InterpersonalViolencePerpetrator
21 InterpersonalViolenceVictim
22 FightBetweenTwoPeople
23 Argument
24 LE_ArgumentTiming
25 CME_ArgumentTiming
26 LE_CircumstancesKnown
27 CME_CircumstancesKnown

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



1	PrecipitatedByOtherCrime	7	LE_GangType
2	OtherCrimeinProgress	8	CME_GangType
3	Stalking	9	LE_NatureOtherCrime1
4	Prostitution	10	LE_NatureOtherCrime2
5	TerroristAttack	11	CME_NatureOtherCrime1
6	WalkByAssault	12	CME_NatureOtherCrime2

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



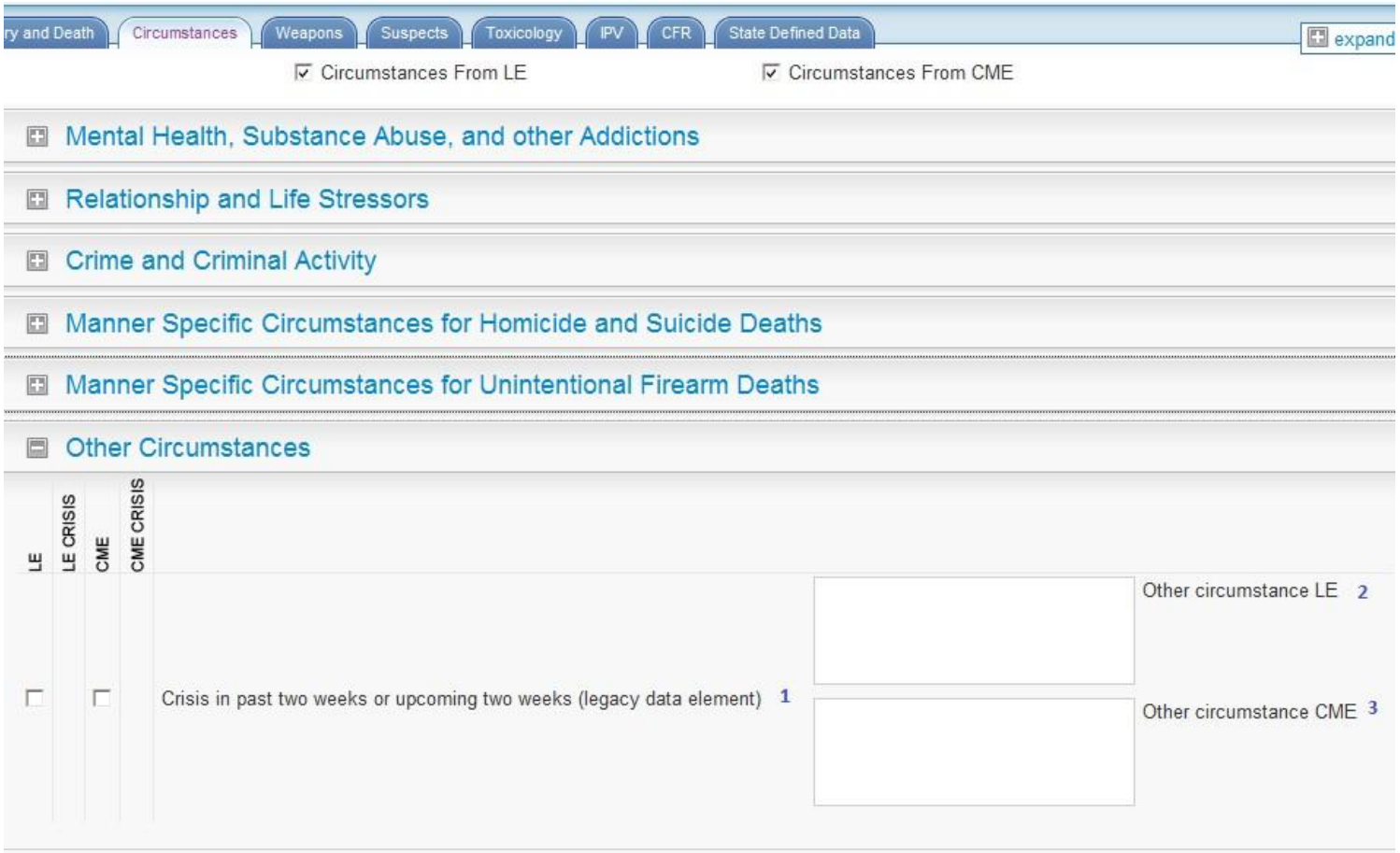
1	JustifiableSelfDefense	8	HateCrime	15	LE_DisclosedIntentToWhom	22	JobProblem
2	VictimPoliceOfficeOnDuty	9	Jealousy	16	CME_DisclosedIntentToWhom	23	FinancialProblem
3	Bystander	10	Brawl	17	SuicideNote	24	SchoolProblem
4	RandomViolence	11	DriveByShooting	18	SuicideThoughtHistory	25	EvictionorLossofHome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

XI. Circumstances: *Manner Specific Circumstances for Unintentional Firearm Deaths*

1 Hunting
2 TargetShooting
3 SelfDefense
4 CelebratoryFiring
5 GunFiredLoadingUnloading
6 GunCleaning
7 GunShowing
8 GunPlaying
9 OtherContextInjury

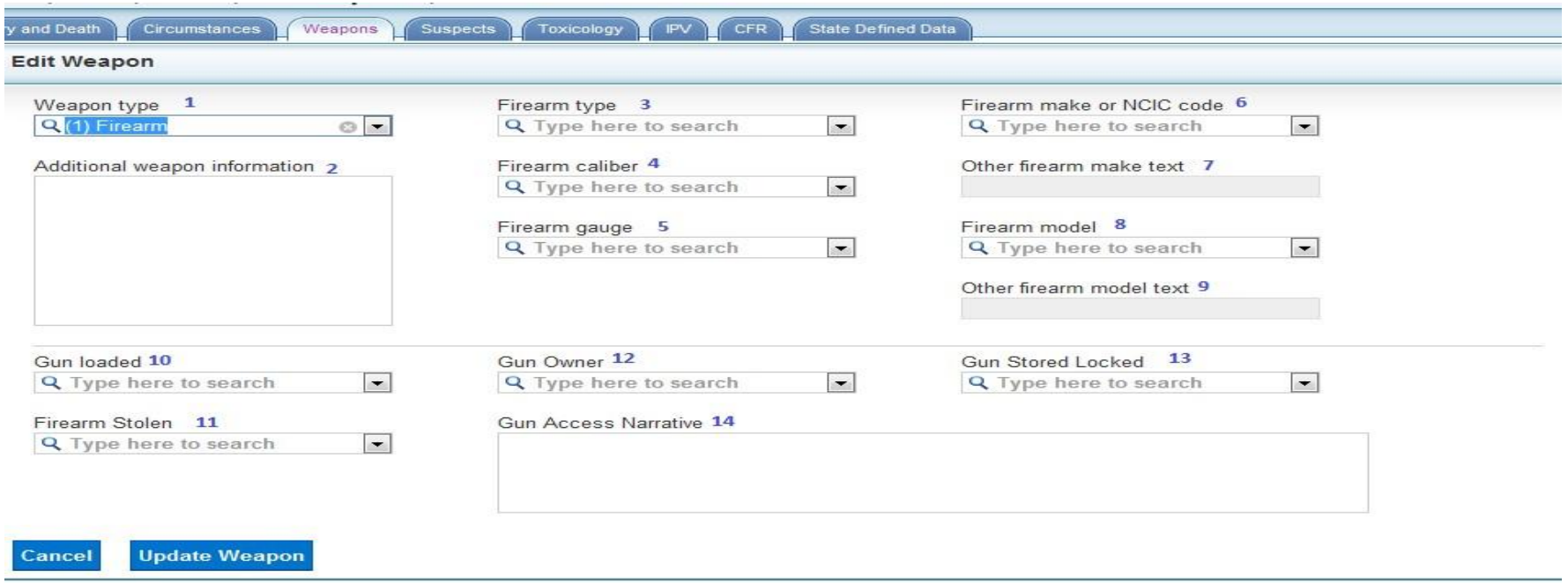
10 GunThoughtSafetyEngaged
11 GunThoughtUnloadedMagazineDisengaged
12 GunThoughtUnloadedOther
13 GunUnintentionallyPulledTrigger
14 BulletRicochet
15 GunDefectMalfunction
16 GunFiredHolstering
17 GunDropped
18 GunFiredOperatingSafetyLock
19 GunThoughtToy
20 OtherMechanismInjury

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



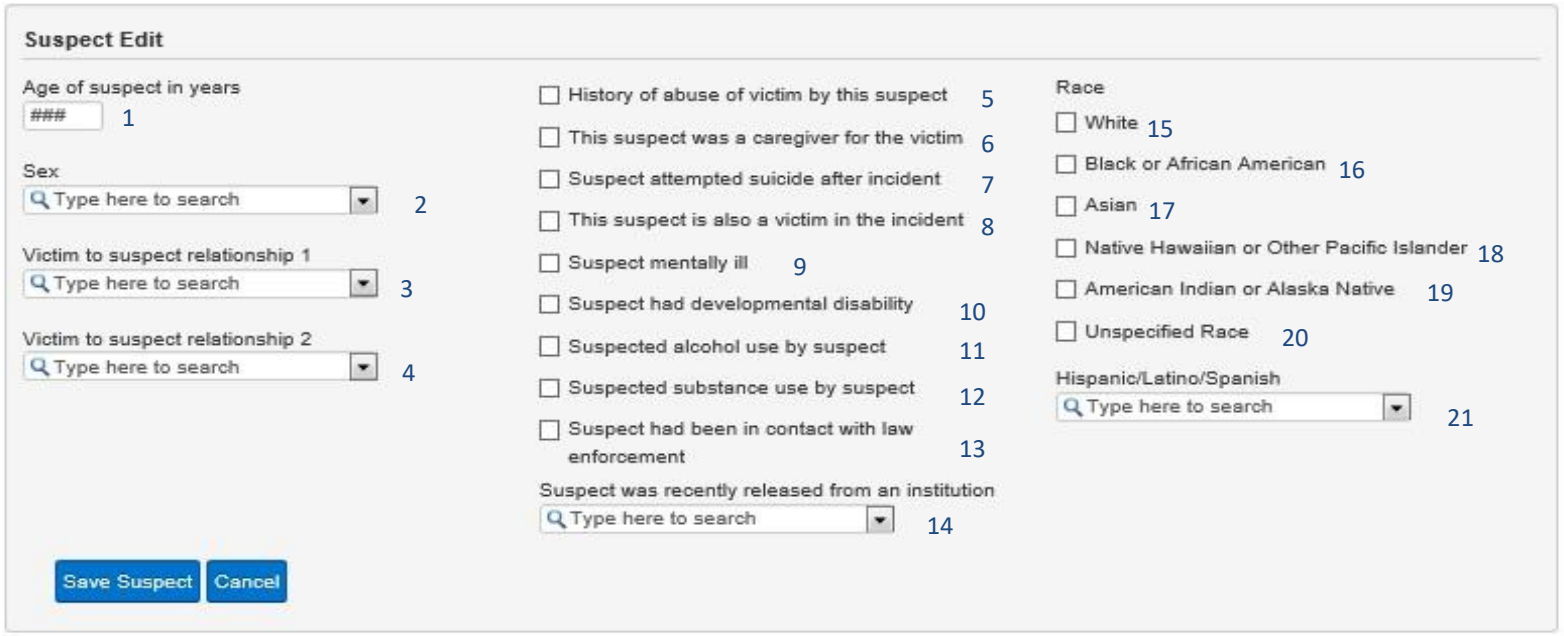
1 CrisisRecent
2 LE_CircumstancesOtherText
3 CME_CircumstancesOtherText

XIII. Weapons



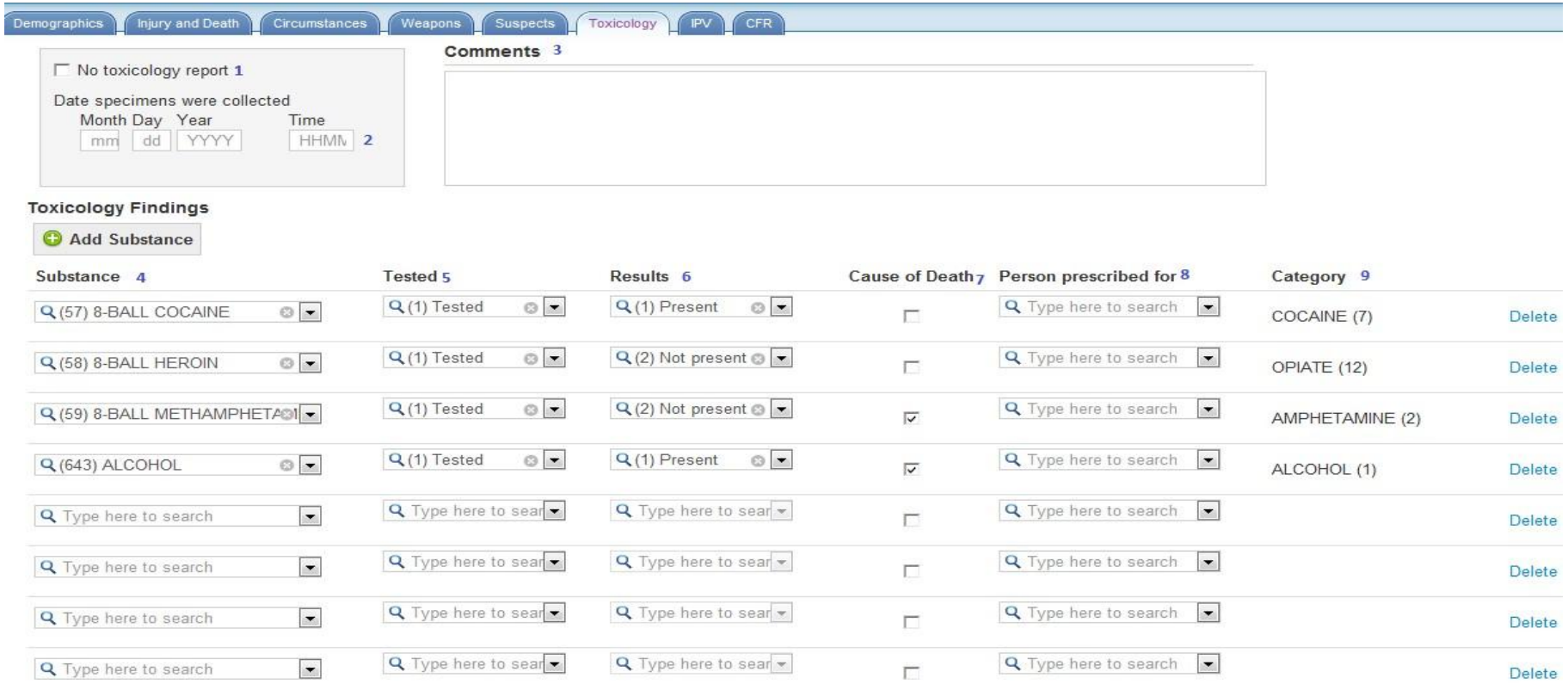
1 WeaponType
2 WeaponOther
3 FirearmType
4 FirearmCaliber
5 FirearmGauge
6 FirearmMake
7 FirearmMakeText
8 FirearmModel
9 FirearmModelText
10 GunLoaded
11 FirearmStolen
12 GunOwner
13 GunStoredLocked
14 YouthGunAccessNarrative

XIV. Suspects:



1 AgeYears
2 Sex
3 VictimSuspectRelationship1
4 VictimSuspectRelationship2
5 AbuseHistory
6 CareGiver
7 AttemptedSuicide
8 SuspectAlsoVictim
9 SuspectMentallyIll
10 SuspectDisabilityDevelopmental
11 SuspectAlcoholUseSuspected
12 SuspectSubstanceUseSuspected
13 SuspectRecentRelease
14 SuspectContactPolice
15 RaceWhite
16 RaceBlack
17 RaceAsian
18 RacePacificIslander
19 RaceAmericanIndian
20 RaceUnspecified
21 SuspectEthnicity

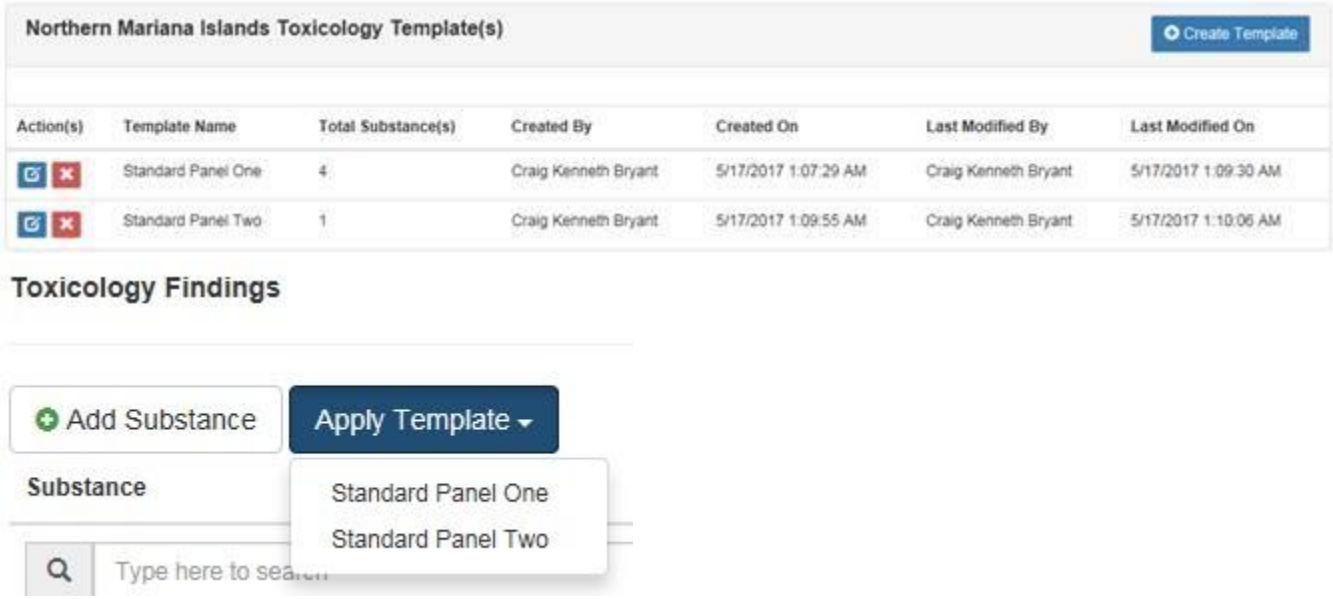
XV. Toxicology: *Toxicology Specimen Date & Toxicology Findings*



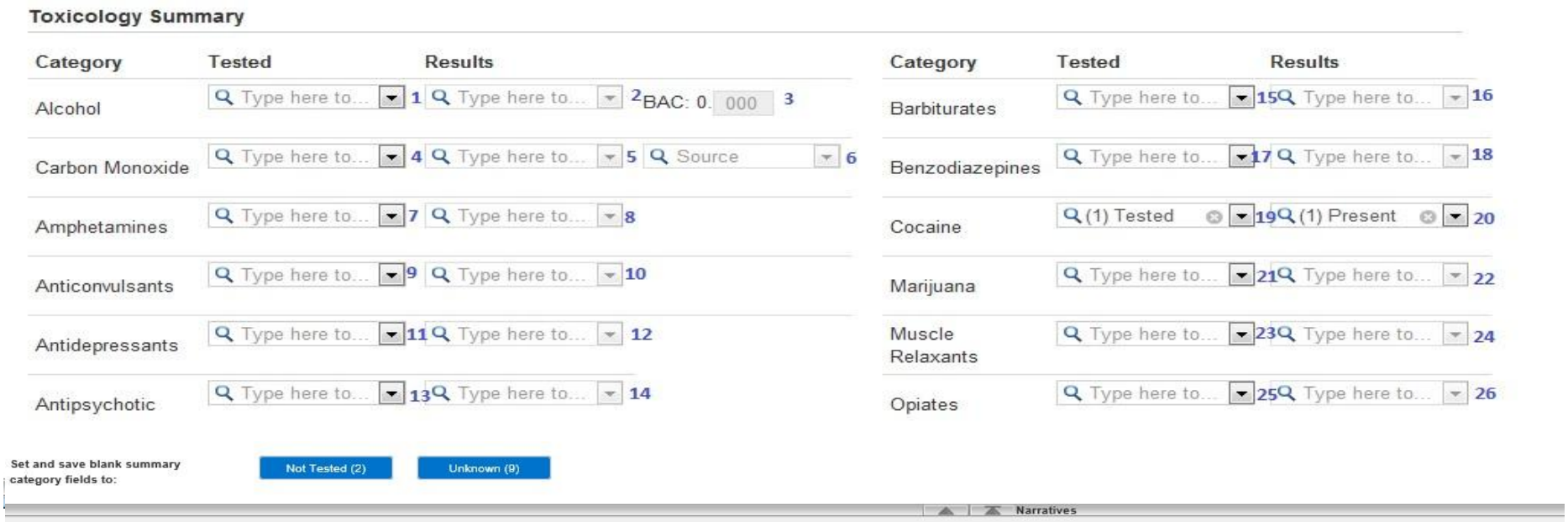
1	No Toxicology Available	7	SubstanceCausedDeath
2	SpecimensTime	8	DrugObtainedFor
3	Comments	9	SubstanceClass
4	SubstanceName		
5	SubstanceTested		
6	SubstanceResult		

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.

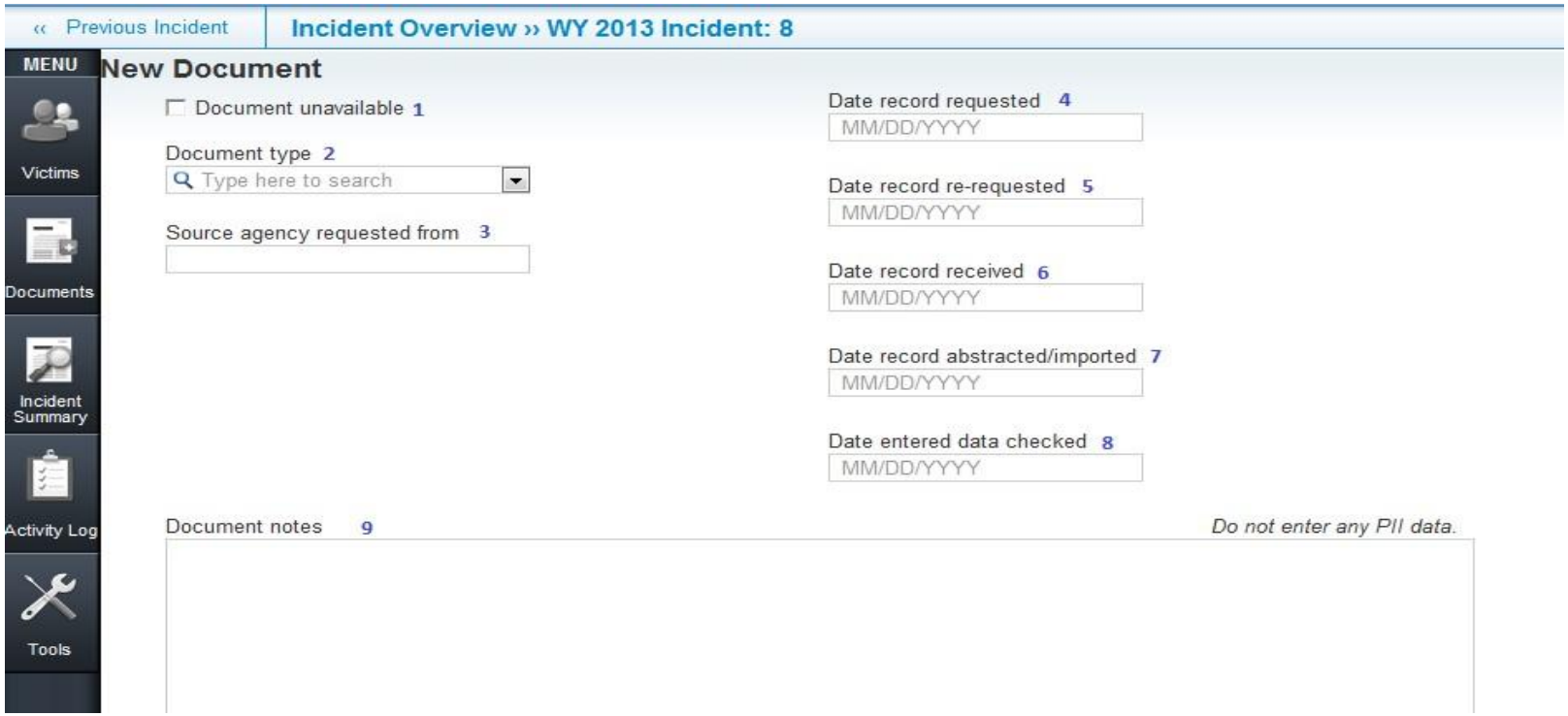


XVII. Toxicology: Toxicology Summary:



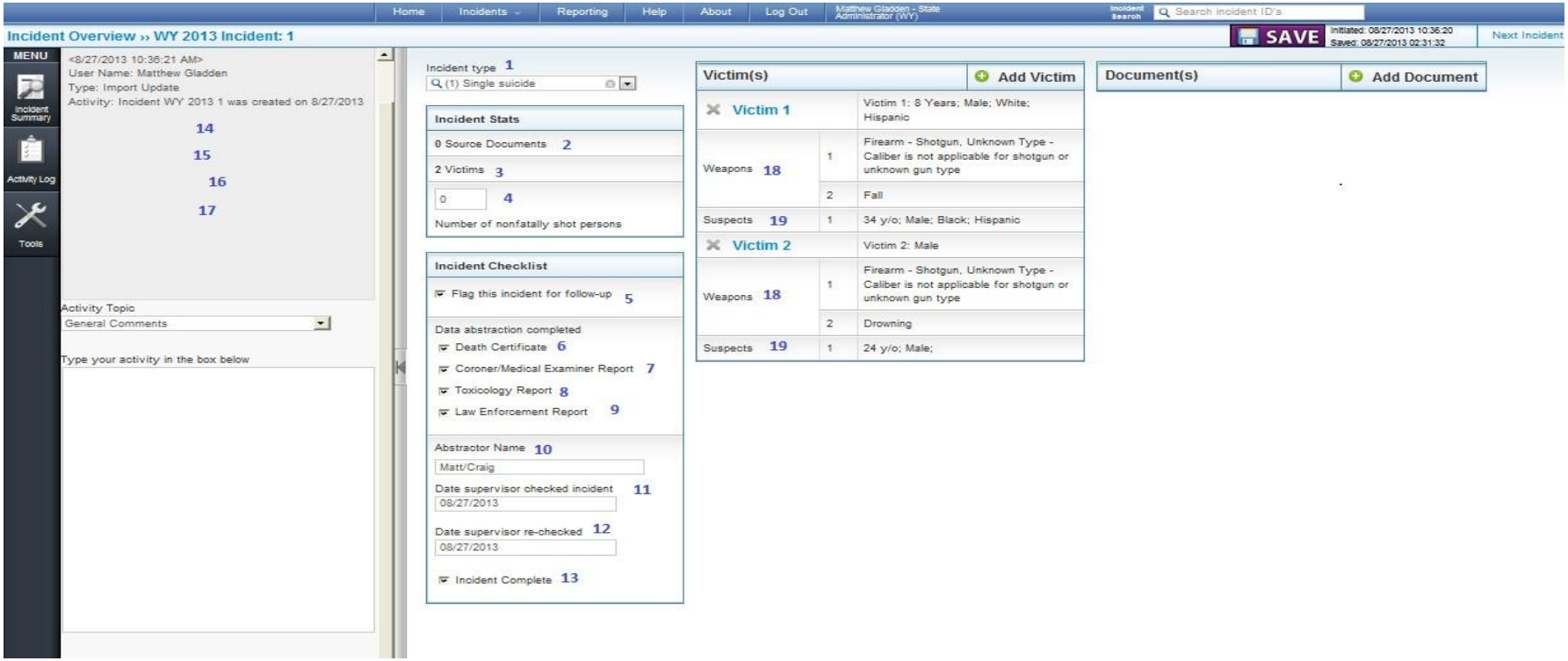
1	AlcoholTested	9	AnticonvulsantsTested	17	BenzodiazepinesTested	25	OpiateTested
2	AlcoholResult	10	AnticonvulsantsResult	18	BenzodiazepinesResult	26	OpiateResult
3	AlcoholLevel	11	AntiDepressantTested	19	CocaineTested		
4	CarbonMonoxideTested	12	AntiDepressantResult	20	Cocaine test result		
5	CarbonMonoxideResult	13	AntipsychoticTested	21	MarijuanaTested		
6	CarbonMonoxideSource	14	AntipsychoticResult	22	MarijuanaResult		
7	AmphetamineTested	15	BarbituratesTested	23	MuscleRelaxantTested		
8	AmphetamineResult	16	BarbituratesResult	24	MuscleRelaxantResult		

XVIII. Documents Page



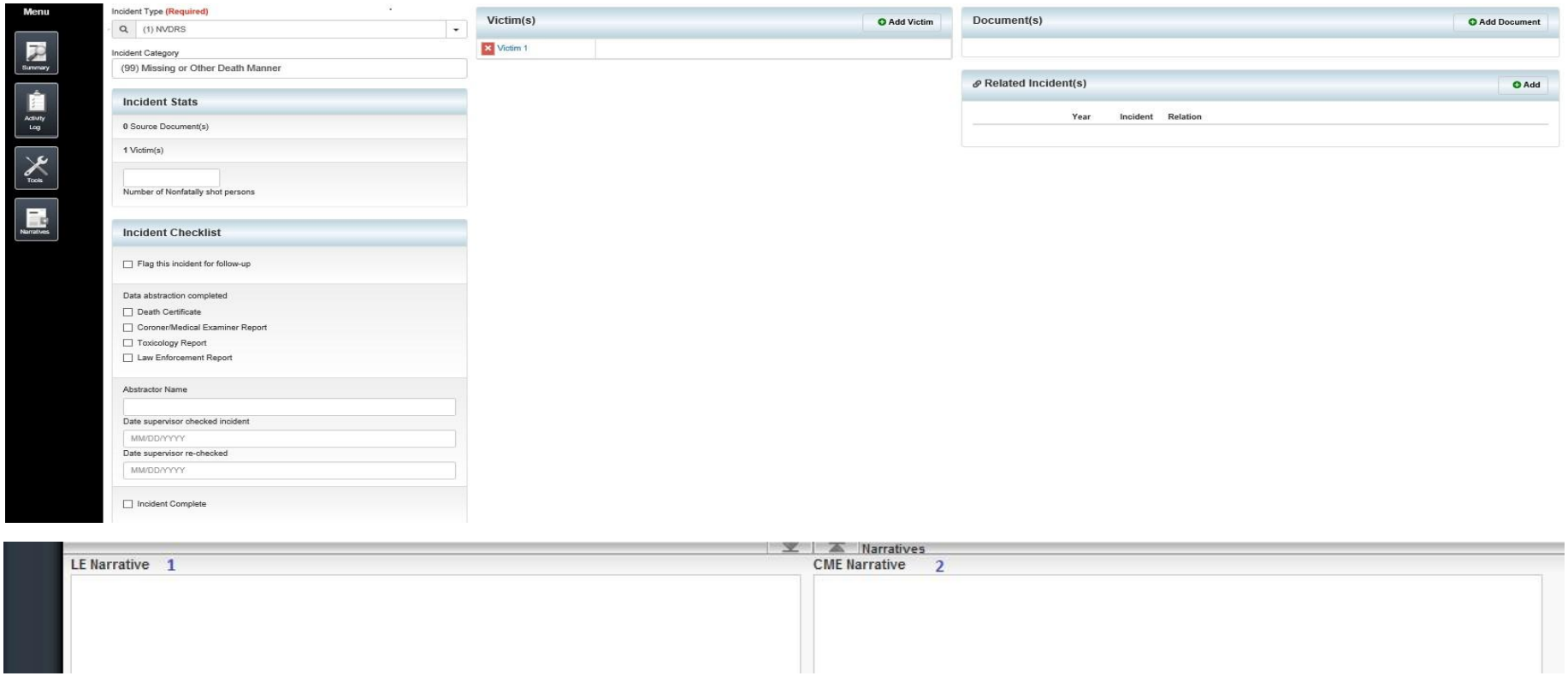
1 DocumentUnavailable
2 DocumentType
3 AgencySource
4 Date record requested
5 Date record re-requested
6 Date record received
7 AbstractedDate
8 Date entered data checked
9 DocumentNotes

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



1 IncidentType
2 NumberOfDocuments
3 NumberofVictims
4 NumberNonfatallyShot
5 FollowUp
6 CompleteDC
7 CompleteCME
8 CompleteToxicology
9 CompleteLE
10 AbstractorName
11 SupervisorCheckedDate
12 SupervisorRecheckedDate
13 CompleteIncident
14 CreateDate
15 LastUpdateDate
16 DateDeleted
17 DateMerged
18 NumberOfWeapons
19 NumberOfSuspects

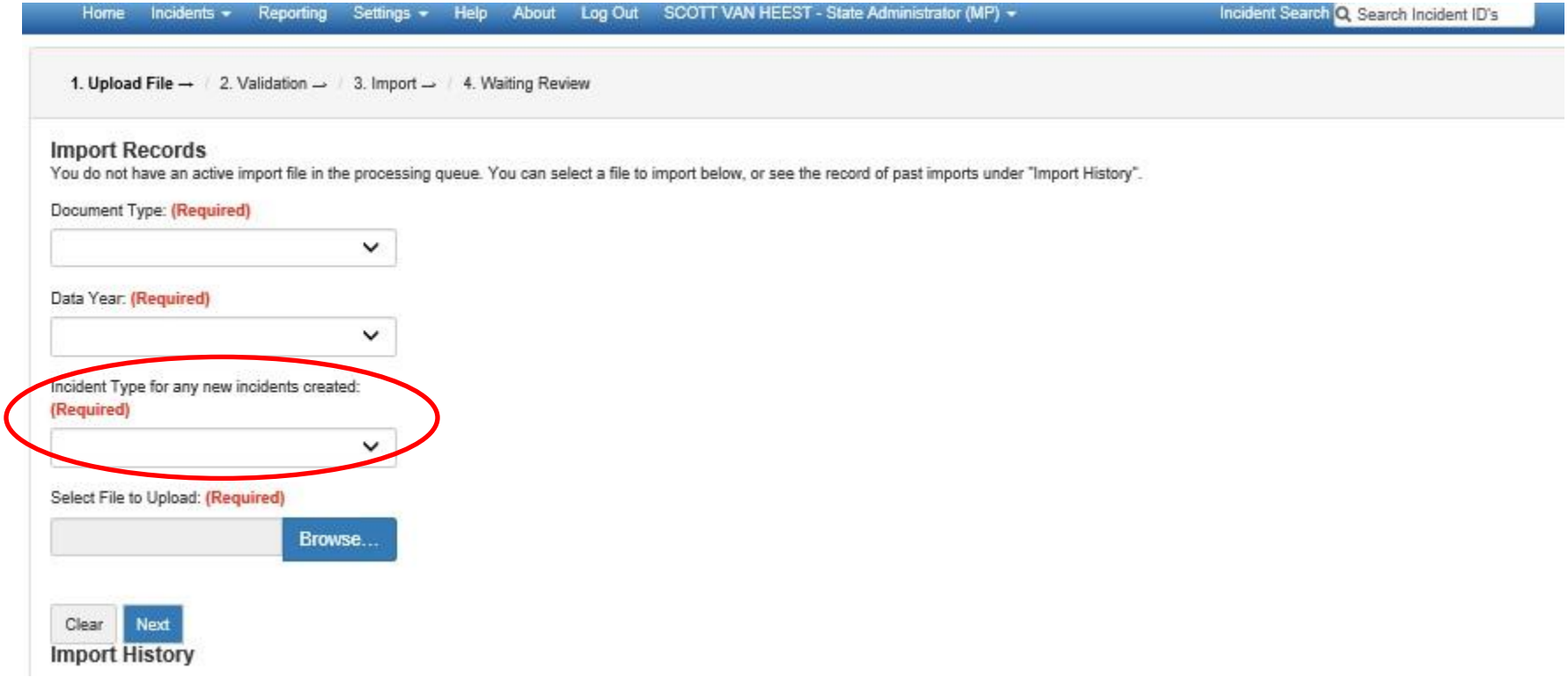
XX. CME and LE Incident Narratives



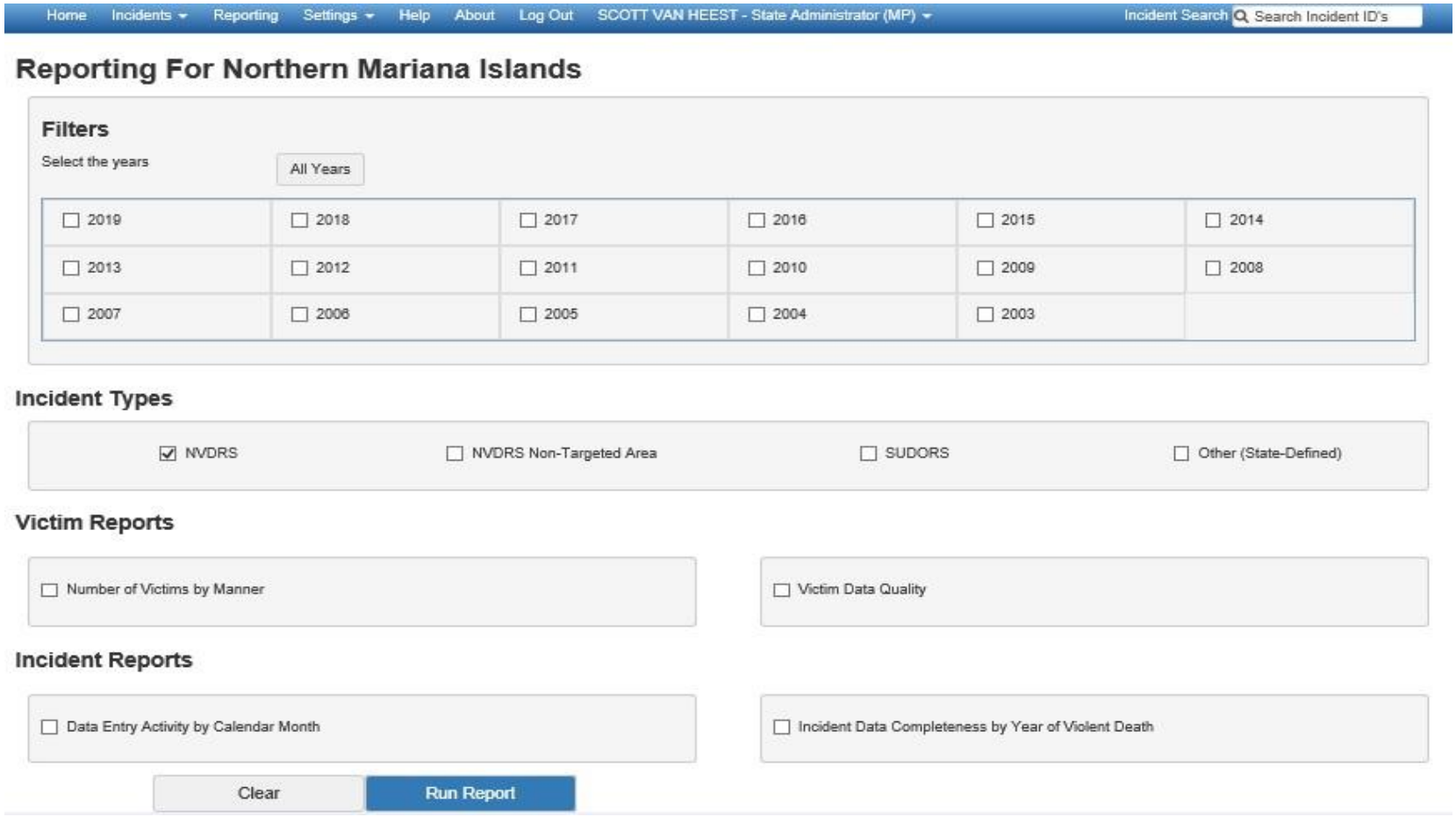
1 NarrativeLE

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.***

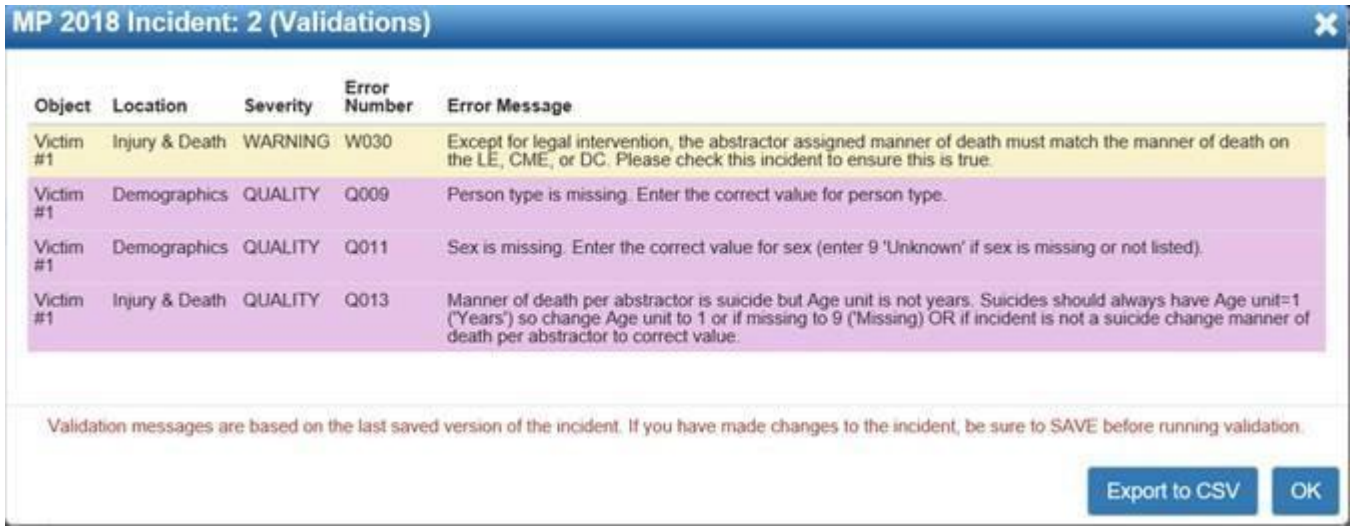


XXII. <u>The Dashboard:</u> ***Displays on the Home Page, tool for each state to monitor and evaluate perform***



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

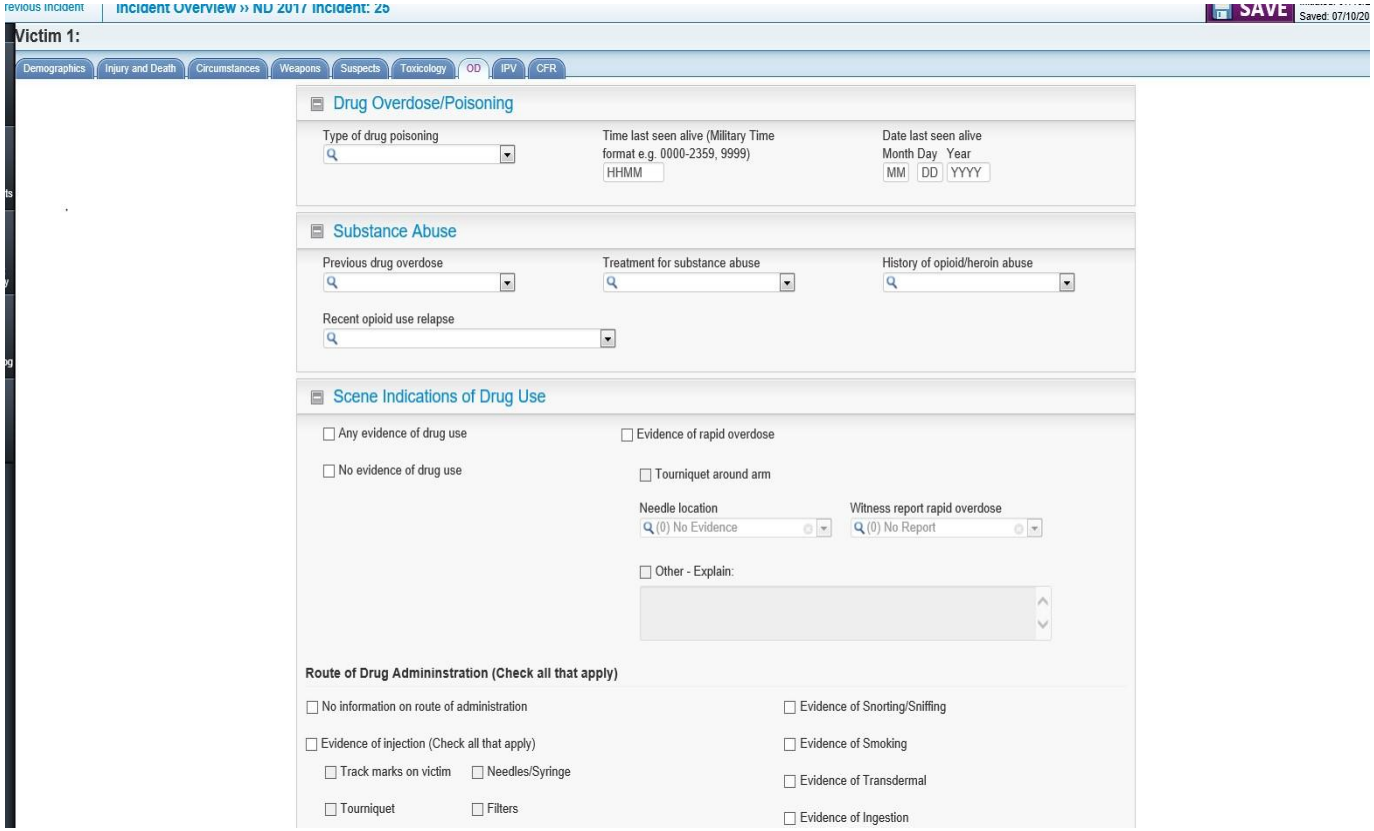
The new software architecture has allowed us to pull together all of the validation rules on the various data elements into a single screen. Now, you can click the "validate" button next to the "save" button and receive a report on all validation rules for the incident, like this:



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.***