

American College of Surgeons Committee on Trauma (ACS COT) Firearm Study Research Dataset User Manual

Version 1.0

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RELEASES AND UPDATES

V1.0: De-identified ACS COT Firearm Study Research Dataset released.

INTRODUCTION

The ACS COT was awarded a grant from the National Collaborative on Gun Violence Research (NCGVR) to study individual and community-level risk factors for firearm injuries treated at TQIP centers across the US. The study, *Bridging the Gaps: A Multi-Center, Prospective Study to Improve our Understanding of the Individual and Community-Level Risk Factors for Non-Lethal Firearm Injuries in the US*, aims to understand the circumstances and risk factors for lethal and non-lethal firearm injuries across urban communities to identify potential modifiable factors.

This de-identified dataset is being provided to researchers and investigators for further research projects using the data collected from this study. It is comprised of 17,395 firearm patients presenting at 128 participating TQIP centers between March 1, 2021, and February 28, 2022. Participating centers had to participate in ACS TQIP over the duration of the study and agreed to collect additional information on firearm injury patients as defined in the ACS COT Firearm Data Dictionary. While the study team had access to additional data, those data were collected as a part of routine data collection to support participation in the Trauma Quality Programs of the ACS, and the contractual agreements covering the collection of those data do not permit them to be disclosed in this dataset. Similarly, we're not able to provide data derived from linkages to external datasets (e.g., the Distressed Community Index) as we are not permitted to distribute those datasets, nor are we able to provide the ZIP codes used for linkage as they're considered PHI.

For patients who met the Patient Inclusion Criteria for this study but did **not** meet the NTDS Patient Inclusion Criteria (e.g., discharged from the ED), specific NTDS data elements were reported in addition to the expanded firearm data elements. All TQIP centers were offered the opportunity to participate in this study, with 165 centers provisionally enrolling and 128 ultimately contributing eligible data.

DATASET DETAILS

It is **strongly recommended** that anyone using this dataset consult the 2021 NTDS Data Dictionary, along with the ACS COT Firearm Data Dictionary, to ensure familiarity with the data definitions.

These data are provided in ASCII-CSV (comma separated value) format and standard SAS (*.sas7bdat) data tables. A table of this dataset's data elements can be found in the next section of this document as well as the variable spreadsheet included in the dataset package. Please note the **Data Dictionary Source** column in this table to determine if the data element originates from the NTDS or the Firearm Data Dictionary.

All data elements have been processed/blanked by ACS staff to account for Common Null Values, also known as blank inappropriate values (BIU Values).

BIU Values and Definitions:

- .N - Not Applicable
 - This null value code applies if, at the time of patient care documentation, the information requested was “Not Applicable” to the patient, the hospitalization, or the patient care event.
- .U - Not Known/Not Recorded
 - This null value applies if, at the time of patient care documentation, information was “Not Known” to the patient, family, or health care provider or the information was unavailable in the chart for abstraction.

ELEMENT DESCRIPTION LIST

This section includes the element name in the dataset and corresponding data dictionary, format, and any notes about each element.

For clinical definitions of all data elements, please consult the ACS COT Firearms Dictionary and NTDS Data Dictionary included in the dataset package.

Element Name	Data Dictionary	Name in Dictionary	Format	Notes
ACE	Firearm	Adverse Childhood Experience	num - 0/1	
ACE_EmotionalAbuse	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_EmotionalNeglect	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_HouseholdMentalIllness	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_HouseholdSubstanceAbuse	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_IncarceratedHouseholdMember	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_IPVExposure	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_ParentalDivorce	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_PhysicalAbuse	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_PhysicalNeglect	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
ACE_SexualAbuse	Firearm	Adverse Childhood Experience(s) Type	num - 0/1	
AgeYears	NTDS	Date of Birth / Age	num	Calculated from DOB and Age
AlcoholScreen	NTDS	Alcohol Screen	num - 0/1	
AlcoholScreenResult	NTDS	Alcohol Screen Result	num	
AmericanIndian	NTDS	Race	num - 0/1	
ArrestIncarceration	Firearm	Arrest and/or Incarceration	num - 0/1	
Asian	NTDS	Race	num - 0/1	
Black	NTDS	Race	num - 0/1	
BodyRegion1	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 1 (derived using AIS Code(s), if reported)
BodyRegion2	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 2 (derived using AIS Code(s), if reported)
BodyRegion3	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 3 (derived using AIS Code(s), if reported)

BodyRegion4	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 4 (derived using AIS Code(s), if reported)
BodyRegion5	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 5 (derived using AIS Code(s), if reported)
BodyRegion6	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 6 (derived using AIS Code(s), if reported)
BodyRegion7	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 7 (derived using AIS Code(s), if reported)
BodyRegion8	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 8 (derived using AIS Code(s), if reported)
BodyRegion9	NTDS	AIS Code / AIS Version	num	Max AIS Severity in AIS Body Region 9 (derived using AIS Code(s), if reported)
CaseID	-	Unique Record Identifier at each Facility	char	
CC_Alcoholism	NTDS	Pre-Existing Conditions: Alcohol Use Disorder	num - 0/1	
CC_SubstanceAbuse	NTDS	Pre-Existing Conditions: Substance Use Disorder	num - 0/1	
CognitiveDisorders	Firearm	Cognitive Disorders	num - 0/1	
COIAssault_Bystander	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_CommissionOfCrime	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_CommunityViolence	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_DrugRelated	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_FamilyViolence	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_HateCrime	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_Interpersonal	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_Intervening	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_IntimatePartner	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_LineOfDuty	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_MassShooting	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_Random	Firearm	Context of Injury - Assault	num - 0/1	

		Assault		
COIAssault_Robbery	Firearm	Context of Injury - Assault	num - 0/1	
COIAssault_SexualAssault	Firearm	Context of Injury - Assault	num - 0/1	
COISelf_CognitiveImpairment	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COISelf_Intoxication	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COISelf_MedicalCondition	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COISelf_MentalIllness	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COISelf_MurderSuicide	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COISelf_PersonalCrisis	Firearm	Context of Injury - Self-Inflicted	num - 0/1	
COIUnintentional_Accidental	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Celebration	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Handling	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Hunting	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Playing	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Sport	Firearm	Context of Injury - Unintentional	num - 0/1	
COIUnintentional_Training	Firearm	Context of Injury - Unintentional	num - 0/1	
DrgScr_Amphetamine	NTDS	Drug Screen	num - 0/1	
DrgScr_Barbiturate	NTDS	Drug Screen	num - 0/1	
DrgScr_Benzodiazepines	NTDS	Drug Screen	num - 0/1	
DrgScr_Cannabinoid	NTDS	Drug Screen	num - 0/1	
DrgScr_Cocaine	NTDS	Drug Screen	num - 0/1	
DrgScr_Ecstasy	NTDS	Drug Screen	num - 0/1	
DrgScr_Methadone	NTDS	Drug Screen	num - 0/1	
DrgScr_Methamphetamine	NTDS	Drug Screen	num - 0/1	
DrgScr_NA	NTDS	Drug Screen	num - 0/1	
DrgScr_None	NTDS	Drug Screen	num - 0/1	
DrgScr_NotTested	NTDS	Drug Screen	num - 0/1	
DrgScr_Opioid	NTDS	Drug Screen	num - 0/1	
DrgScr_Other	NTDS	Drug Screen	num - 0/1	
DrgScr_Oxycodone	NTDS	Drug Screen	num - 0/1	
DrgScr_Phencyclidine	NTDS	Drug Screen	num - 0/1	
DrgScr_TricyclicDepress	NTDS	Drug Screen	num - 0/1	
DrgScr_UK	NTDS	Drug Screen	num - 0/1	
EDDischargeDisposition	NTDS	ED Discharge Disposition	num - EDDischargeDisposition	
ES_Blank	Firearm	Employment Status	num - 0/1	

ES_Disabled	Firearm	Employment Status	num - 0/1	
ES_Employed	Firearm	Employment Status	num - 0/1	
ES_Homemaker	Firearm	Employment Status	num - 0/1	
ES_NotApplicable	Firearm	Employment Status	num - 0/1	
ES_Retired	Firearm	Employment Status	num - 0/1	
ES_Student	Firearm	Employment Status	num - 0/1	
ES_Unemployed	Firearm	Employment Status	num - 0/1	
ES_Unknown	Firearm	Employment Status	num - 0/1	
ES_UnreportedEmployment	Firearm	Employment Status	num - 0/1	
Ethnicity	NTDS	Ethnicity	num - 0/1	
ETOHPreInjury	Firearm	ETOH Use Preceding Injury	num - 0/1	
FacilityStudyID	-	Unique Facility Identifier	char	
FinalDischargeDays	NTDS	-	num	Days from HospitalArrivalDate to FinalDischargeDate (Total Length of Stay)
FinalDischargeHrs	NTDS	-	num	Hours from HospitalArrivalDateTime to FinalDischargeDateTime (Total Length of Stay)
FirearmOwner	Firearm	Owner of Firearm Used	char	
FirearmOwnerAccess	Firearm	Firearm Ownership and Access	num - 0/1	
FirearmStorage	Firearm	Firearm Storage	char	
FOA_CloseOtherResidence	Firearm	Firearm Ownership and Access Type	num - 0/1	
FOA_CoHabitant	Firearm	Firearm Ownership and Access Type	num - 0/1	
FOA_Self	Firearm	Firearm Ownership and Access Type	num - 0/1	
FT_BBgun	Firearm	Type of Firearm Used	num - 0/1	
FT_Handgun	Firearm	Type of Firearm Used	num - 0/1	
FT_Rifle	Firearm	Type of Firearm Used	num - 0/1	
FT_Shotgun	Firearm	Type of Firearm Used	num - 0/1	
FT_Unknown	Firearm	Type of Firearm Used	num - 0/1	
FunctionalStatus	Firearm	Functional Status	char	
GCS40Eye	NTDS	Initial ED/Hospital GCS-40 Eye	num	
GCS40Motor	NTDS	Initial ED/Hospital GCS-40 Motor	num	
GCS40Verbal	NTDS	Initial ED/Hospital GCS-40 Verbal	num	
GCSEye	NTDS	Initial ED/Hospital GCS-Eye	num	
GCSMotor	NTDS	Initial ED/Hospital GCS-Motor	num	

GCSQ_EyeObstruction	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSQ_Intubated	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSQ_NA	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSQ_SedatedParalyzed	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSQ_UK	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSQ_Valid	NTDS	Initial ED/Hospital GCS-Assessment Qualifiers	num - 0/1	
GCSTotal	NTDS	Initial ED/Hospital GCS-Total	num	
GCSVerbal	NTDS	Initial ED/Hospital GCS-Verbal	num	
HHN_InfusionTherapy	Firearm	Home Health Needs	num - 0/1	
HHN_None	Firearm	Home Health Needs	num - 0/1	
HHN_Nursing	Firearm	Home Health Needs	num - 0/1	
HHN_Rehab	Firearm	Home Health Needs	num - 0/1	
HHN_WoundCare	Firearm	Home Health Needs	num - 0/1	
HospDischargeDisposition	NTDS	Hospital Discharge Disposition	num - HospDischargeDisposition	
II_Assault	Firearm	Intent of Injury	num - 0/1	
II_LawEnforcement	Firearm	Intent of Injury	num - 0/1	
II_SelfInflicted	Firearm	Intent of Injury	num - 0/1	
II_Unintentional	Firearm	Intent of Injury	num - 0/1	
II_Unknown	Firearm	Intent of Injury	num - 0/1	
InjurySetting	Firearm	Setting of Injury	num - InjurySetting	
ISS	NTDS	ISS	num	Calculated ISS using AIS
MentalIllness	Firearm	Mental Illness	num - 0/1	
MI_ADDADHD	Firearm	Mental Illness Type	num - 0/1	
MI_Anxiety	Firearm	Mental Illness Type	num - 0/1	
MI_BipolarDisorder	Firearm	Mental Illness Type	num - 0/1	
MI_EatingDisorder	Firearm	Mental Illness Type	num - 0/1	
MI_MajorDepression	Firearm	Mental Illness Type	num - 0/1	
MI_OCD	Firearm	Mental Illness Type	num - 0/1	
MI_OtherMentalIllness	Firearm	Mental Illness Type	num - 0/1	
MI_PersonalityDisorder	Firearm	Mental Illness Type	num - 0/1	

MI_PTSD	Firearm	Mental Illness Type	num - 0/1	
MI_Schizophrenia	Firearm	Mental Illness Type	num - 0/1	
MilitaryStatus	Firearm	Military Status	num - 0/1	
NTDSEligible	NTDS	NTDS Inclusion Criteria	num - 0/1	Record met the 2021 NTDS Patient Inclusion Criteria
OtherTM_FixedWingAmbulance	NTDS	Other Transport Mode	num - 0/1	
OtherTM_GroundAmbulance	NTDS	Other Transport Mode	num - 0/1	
OtherTM_HelicopterAmbulance	NTDS	Other Transport Mode	num - 0/1	
OtherTM_NA	NTDS	Other Transport Mode	num - 0/1	
OtherTM_Other	NTDS	Other Transport Mode	num - 0/1	
OtherTM_Police	NTDS	Other Transport Mode	num - 0/1	
OtherTM_PrivPubVehWalkin	NTDS	Other Transport Mode	num - 0/1	
OtherTM_UK	NTDS	Other Transport Mode	num - 0/1	
PacificIslander	NTDS	Race	num - 0/1	
PAI_Blunt	Firearm	Prior Violent Assault or Injuries Type	num - 0/1	
PAI_GunshotWound	Firearm	Prior Violent Assault or Injuries Type	num - 0/1	
PAI_KnifeStabbing	Firearm	Prior Violent Assault or Injuries Type	num - 0/1	
PAI_SexualAssault	Firearm	Prior Violent Assault or Injuries Type	num - 0/1	
PAI_StrangulationSuffocation	Firearm	Prior Violent Assault or Injuries Type	num - 0/1	
PCG_Facility	Firearm	Patient Caregivers	num - 0/1	
PCG_FosterParents	Firearm	Patient Caregivers	num - 0/1	
PCG_Grandparents	Firearm	Patient Caregivers	num - 0/1	
PCG_Independent	Firearm	Patient Caregivers	num - 0/1	
PCG_NA	Firearm	Patient Caregivers	num - 0/1	
PCG_OtherFamilyMember	Firearm	Patient Caregivers	num - 0/1	
PCG_OtherFriendAdult	Firearm	Patient Caregivers	num - 0/1	
PCG_Parents	Firearm	Patient Caregivers	num - 0/1	
PCG_SingleFather	Firearm	Patient Caregivers	num - 0/1	
PCG_SingleMother	Firearm	Patient Caregivers	num - 0/1	
PCG_Unknown	Firearm	Patient Caregivers	num - 0/1	
PreHospitalCardiacArrest	NTDS	Pre-Hospital Cardiac Arrest	num - 0/1	
PrimaryMethodPayment	NTDS	Primary Method of Payment	num - 0/1	
PriorAssaultInjury	Firearm	Prior Violent	num - 0/1	

		Assault or Injuries		
PriorSuicideSelfHarm	Firearm	Prior Suicide Attempt, Threat or Self-Harm	num - 0/1	
PS_CPS	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_HousingServices	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_IPVServices	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_None	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_Psychiatry	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_Psychologist	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_SocialWork	Firearm	Psychosocial Ancillary Services	num - 0/1	
PS_ViolenceIntervention	Firearm	Psychosocial Ancillary Services	num - 0/1	
PSSH_SelfHarm	Firearm	Prior Suicide Attempt, Threat or Self-Harm Type	num - 0/1	
PSSH_SuicideAttempt	Firearm	Prior Suicide Attempt, Threat or Self-Harm Type	num - 0/1	
PSSH_SuicideIdeation	Firearm	Prior Suicide Attempt, Threat or Self-Harm Type	num - 0/1	
PSSH_SuicideThreat	Firearm	Prior Suicide Attempt, Threat or Self-Harm Type	num - 0/1	
PulseRate	NTDS	Initial ED/Hospital Pulse Rate	num	
Race_NA	NTDS	Race	num - 0/1	
Race_UK	NTDS	Race	num - 0/1	
RaceOther	NTDS	Race	num - 0/1	
RN_InpatientRehab	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
RN_None	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
RN_OutpatientOccupational	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
RN_OutpatientPhysical	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
RN_OutpatientRehab	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
RN_OutpatientSpeech	Firearm	Rehabilitation/Post-Discharge Needs	num - 0/1	
SBP	NTDS	Initial ED/Hospital Systolic Blood Pressure	num - 0/1	
Sex	NTDS	Sex	num - 0/1	
SR_CoWorker	Firearm	Relationship to Shooter	num - 0/1	
SR_Family	Firearm	Relationship to Shooter	num - 0/1	

SR_Friend	Firearm	Relationship to Shooter	num - 0/1	
SR_LawEnforcement	Firearm	Relationship to Shooter	num - 0/1	
SR_Partner	Firearm	Relationship to Shooter	num - 0/1	
SR_RelationshipNotDisclosed	Firearm	Relationship to Shooter	num - 0/1	
SR_Self	Firearm	Relationship to Shooter	num - 0/1	
SR_Stranger	Firearm	Relationship to Shooter	num - 0/1	
SR_Unknown	Firearm	Relationship to Shooter	num - 0/1	
TE_ChildProtectiveServices	Firearm	Traumatic Events Type	num - 0/1	
TE_CommunityViolence	Firearm	Traumatic Events Type	num - 0/1	
TE_FoodInsecurity	Firearm	Traumatic Events Type	num - 0/1	
TE_Homelessness	Firearm	Traumatic Events Type	num - 0/1	
TE_MajorIllnessInjury	Firearm	Traumatic Events Type	num - 0/1	
TE_OtherTraumaticEvent	Firearm	Traumatic Events Type	num - 0/1	
TM_FixedWingAmbulance	NTDS	Transport Mode	num - 0/1	
TM_GroundAmbulance	NTDS	Transport Mode	num - 0/1	
TM_HelicopterAmbulance	NTDS	Transport Mode	num - 0/1	
TM_Other	NTDS	Transport Mode	num - 0/1	
TM_Police	NTDS	Transport Mode	num - 0/1	
TM_PrivPubVehWalkin	NTDS	Transport Mode	num - 0/1	
TraumaticEvents	Firearm	Traumatic Events	num - 0/1	
White	NTDS	Race	num - 0/1	

FORMATS

Format Name	Value	Code Text
num - 0/1	0	No
	1	Yes
	2	No
num - EDDischargeDisposition	1	Floor bed (General Admission, Non-Specialty Unit Bed
	2	Observation Unit (Unit that Provides < 24 Hour Stays)
	3	Telemetry/Step-Down Unit (Less Acuity than ICU)
	4	Home with Services
	5	Deceased/Expired
	6	Other (Jail, Institutional Care, Mental Health, etc.)
	7	Operating Room
	8	Intensive Care Unit
	9	Home Without Services
	10	Left Against Medical Advice
	11	Transferred to Another Hospital
num - HospDischargeDisposition	1	Discharged/Transferred to Short-Term General Hospital for Inpatient Care
	2	Discharged/Transferred to an Intermediate Care Facility
	3	Discharged/Transferred to Home Under Care of Organized Home Health Service
	4	Left Against Medical Advice or Discontinued Care
	5	Deceased/Expired
	6	Discharged to Home or Self-Care (Routine Discharge)
	7	Discharged/Transferred to Skilled Nursing Facility
	8	Discharged/Transferred to Hospice Care
	10	Discharged/Transferred to Court/Law Enforcement.
	11	Discharged/Transferred to Inpatient Rehab or Designated Unit
	12	Discharged/Transferred to Long Term Care Hospital
	13	Discharged/Transferred to a Psychiatric Hospital or Psychiatric Distinct Part Unit of Hospital
	14	Discharged/Transferred to Another Type of Institution Not Defined Elsewhere
	num - InjurySetting	1
2		Street/road, sidewalk, alley
3		Highway, freeway
4		Motor vehicle regardless of where motor vehicle is located (excluding school bus and public transit)
5		Bar, nightclub
6		Service station
7		Bank, credit union, ATM location
8		Liquor store
9		Other commercial establishment (i.e. grocery store, restaurant, retail outlet, laundromat) including their parking lots
10		Industrial or construction areas (i.e. factory, warehouse)

	11	Office building
	12	Parking lot/public parking garage
	13	Abandoned house, building, or warehouse
	14	Sports or athletic arena (i.e. stadium, baseball field, gymnasium, recreation center)
	15	School bus
	16	Childcare center, daycare, preschool
	17	Elementary school, middle school (i.e. K-8) including school dormitory, residential school
	18	High school, including school dormitory, residential school
	19	College/University, including dormitory, fraternity/sorority
	20	Unspecified school
	21	Public transportation or station (e.g., bus, train, plane, airport, depot, taxi)
	22	Synagogue, church, temple
	23	Hospital or medical facility
	24	Supervised residential facility (e.g., shelter, halfway house, group home)
	25	Farm
	26	Jail, prison, detention facility
	27	Park, playground, public use area
	28	Natural area (e.g., field, river, beaches, woods)
	29	Hotel/motel
	30	Railroad tracks (other than on public transportation (21) or within station)
	31	Bridge
	32	Cemetery, graveyard, or other burial ground

PUBLICATIONS

The data contained in the ACS COT Firearm Study Research Dataset reflect those which are submitted by participating trauma centers in accordance with the ACS COT Firearm Study and NTDS Data Dictionaries. The ACS COT collects and aggregates these data and performs necessary data cleaning techniques and creates calculated data elements. Therefore, use of any information from the ACS COT Firearm Study Research Dataset must include a prominent citation. The citation is to read as follows, filling in the version number and year as:

Committee on Trauma, American College of Surgeons. ACS COT Firearm Study Research Dataset Year.Version (e.g., 2023.1.0), Chicago, IL, 20XX. The content reproduced from these data remains the full and exclusive copyrighted property of the American College of Surgeons. The American College of Surgeons is not responsible for any claims arising from works based on the original data, text, tables, or figures.

The ACS reserves the right to make corrections as needed and will notify researchers if such a correction occurs. Like any large database, this dataset does not have complete data for all cases; therefore, authors should be expected to state how they dealt with missing data (exclusion, imputation, etc.). Similarly, this dataset is not a population-based dataset; therefore, statements about the incidence of specific conditions are inappropriate if based only on ACS data.

Researchers are to provide, at a minimum, an abstract and reference for any published materials resulting from their analyses using this dataset to the ACS staff.