

Supplemental file 1 Unification of dictionary between JTDB and NTDB.

1. Injury of mechanism

This study classification	JTDB dictionary	NTDB dictionary
MVC	Car driver Driver's assistant Bask seat Autobike driver Autobike fellow passenger Bicycle passenger Other passenger	MVT Occupant MVT Motorcyclist MVT Pedal cyclist MVT Other MVT Unspecified Pedal cyclist, other
Fall	Fall (high place) Fall (stairs) Fall	Fall
Pedestrian	Foot passenger	MVT Pedestrian Pedestrian, other
GSW	Gunshot wound	Firearm
SW	Cut wound	Cut/pierce
Others	Rotation machine Press machine Falling object Explosive Compression by heavy stuff House collapse, landslide Train Sports Piling wound Fire Hot water Exlosion Chemical substance Others (blunt) Others (penetrating) Others (burn) Others (machine)	Fire/flame Hot object/substance Machinery Natural/environmental, Bites and stings Natural/environmental, Other Overexertion Poisoning Struck by, against Drowning/submersion Suffocation Other specified and classifiable Other specified, not elsewhere classifiable Unspecified Adverse effects, drugs Adverse effects, medical care Transport, other

Abbreviations: JTDB, Japanese Trauma Data Bank; NTDB, National Trauma Data Bank; MVC, motor vehicle crash; MVT, motor vehicle trauma; GSW, gunshot wound; SW, stab wounds.

2. Cause of trauma

This study classification	JTDB dictionary	NTDB dictionary
Unintentional	Accident Occupational	Unintentional
Self-inflicted	Suicide	Self-inflicted
Assault	Homicide	Assault
Others	Others Unknown	Other Undetermined

Abbreviations: JTDB, Japanese Trauma Data Bank; NTDB, National Trauma Data Bank.

3. Disposition at discharge

This study classification	JTDB dictionary	NTDB dictionary
Transferred	Other medical facilities	Short term general hospital Intermediate care facility SNF Hospice Other long term care DC/Trans to inpatient rehab Long Term Care Hospital Psych hospital/unit
Home	Home	Home under home health agency Home - no services
Other	Others	AMA DC to court/Law Enforcement DC Other type of facility
Death	Death	Expired

Abbreviations: JTDB, Japanese Trauma Data Bank; NTDB, National Trauma Data Bank; SNF, skilled nursing facility; DC, discharge; AMA, against medical advice.