

**Supplementary Table 1.** Criteria for detailed classification of causes of traumatic cardiac arrest

Category	Definition
Traffic accident	Any damages related to means of transportation (automobile, motorbike, powerless transportation, trains, ships, airplanes, etc.)
Fall	Any damages from local energy including slipping and falling, falling down stairs, jumping, etc.
Collision	Hit by a fist, colliding with an object (bumping into a door), trapped between objects or people, trapped in a vehicle that is not in service, touching a machine, striking by explosives, collapsing of a building or structure, etc.
Stab injury	A knife or broken glass cuts hands, bites on animals or people, or pricks with sharp substances, such as knives
Gunshot injury	Damage caused by bullet or explosive substances fired from a gun

**Supplementary Table 2.** Criteria for detailed classification of cardiac arrest sites

Category	Definition
Public place	
Road/highway	A road, a motorway, a paved road, a highway, a crossing, a car, etc.
Public building	Schools, public playgrounds, public buildings, libraries, public welfare centers, etc.
Leisure-related place	Amusement parks such as zoos, botanical gardens and plazas, parks, opera houses, cinemas, theaters, museums, galleries, and amusement parks in the Han River/Water lands, etc.
Industrial facilities	Gas plant, all buildings under construction (home under construction, etc.); tunnels under construction; industrial parks; factory buildings; factory premises (including premises roads and parking lots; warehouses); mines, dry dock, power stations, docks, oil wells and other off-shore facilities; workshops, shipyards, quarries, railway compartments, etc.
Commercial facilities	Office, sauna, bathhouse, shopping mall, supermarket, convenience store, market, bank, gas station, bar, cafe, hotel, restaurant, rest area, wedding hall, funeral parlor, etc.
Terminal	Railway station, bus stop, airport, subway, dock, harbor, anchored line
Other public places	Land bridge, overloaded vehicle checkpoints, trains, churches, cathedrals, temples, public parking lots, cruise ships, ferries, airplanes, welfare centers, community centers, senior citizens' homes, river centers, kindergartens, daycare centers, etc.
Non-public place	
House	Inside the house, private housing yard, private housing garden, entry road to private housing (road in apartment complex), private housing garage (park in apartment complex), swimming pool in private house or garden, security office (in apartment complex), playground (in apartment complex)
Collective residence	Dormitories, test centers, military, orphanages, prisons, sports facilities belonging to collective residential facilities, etc.
Nursing home	Nursing facilities, elderly care facilities, welfare centers, dementia centers, etc.
Medical institution	General hospitals, hospitals, dental clinics, oriental hospitals, nursing hospitals, clinics, dental clinics, oriental clinics, and nursing homes
Farm	Arable land (paddy fields, paddy banks, fields), farm buildings, farm water, farmlands, orchards, breeding grounds, etc.
Ambulance	Inside an ambulance
Other places	Mountains, rivers, seas, beaches, breakwater, valleys, lakes, bridges, railways, railroads, a walkway, a mineral spring, a vacant lot