

Data table: AED locked cabinets

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Study	Publication type Study design Study dates	Country	Number of AEDs	Results
Theft, vandalism and harm to rescuers of AEDs in locked or unlocked cabinets				
Cheema 2022	Conference abstract AED registry 2019-2022	United Kingdom	31,938 AEDs	Vandalism/theft AEDs in locked cabinets vs unlocked AED cabinets (0.34% vs. 0.12%, $P < 0.01$) Vandalism/theft was lower in areas with restricted access AEDs compared to public accessible AEDs (0.07% vs 0.28%, $P = 0.003$)
Page 2024	Letter to the Editor AED Registry 2022-2023	Australia	279 AEDs in public locations and in unlocked cabinets	Theft AEDs in unlocked cabinets (1.8%) vandalism ($n = 2$, $< 1\%$). Three stolen AEDs were recovered through the tracking device.
Yu 2022	Online survey first responders	Singapore	50 attempts to retrieve an AED	Injuries were sustained by 24 first responders while breaking glass to access AED. AEDs were successfully retrieved in 45 cases. Injury impacted on 1 responder's willingness to retrieve an AED in the future.
Theft or vandalism of AEDs when locked or unlocked cabinets were not detailed				
Benvenuti 2013	Conference abstract not described 2008-2012	Switzerland	142 AEDs in public locations	No theft. One report of tampering with an AED battery (0.7%) and two reports of tampering with cabinets (1.4%).
Brugda 2014	Conference abstract not described	Spain	508 in public spaces with 24-hour access	No reports of theft.

Ludgate 2012	Conference abstract not described 2012	USA	36 AEDs	1 (3%) reported stolen 1 (3%) reported as missing
Peberdy 2005	Peer-reviewed paper AED monitoring as part of RCT 2000-2003	USA and Canada	1716 AEDs in public and multi- family residential facilities.	20/1716 (1.3%) thefts (the “majority” of stolen devices were removed from locked locations as opposed to those kept unlocked and visible)
Salerno 2019	Letter to the Editor Survey PAD program 2015-2018	32 cities in USA with AED registry	Unknown	9 cases of AED theft were reported in 7 different cities. No reports of AED vandalism
AED delivery time related to accessibility				
Uhm 2008	Survey of AED sites	South Korea	233 AEDs in 138 apartment complexes (included AEDs in locked and unlocked cabinets)	Estimate delivery time of an AED was significantly longer in AEDs that were in locked locations (times not provided, $p < 0.001$) 49 (35.5%) apartment complexes had their AEDs locked away for safe keeping with insufficient notice regarding the keys
Telec 2018	Simulation at AED site	Poland	78 AED sites (included AEDs in locked and unlocked cabinets)	Delivery time of AED was significantly longer in AEDs that were required assistance of a staff member for AED access compared to those with freely accessible: median 42 seconds (IQR 12-49) vs. 0 seconds (IQR 0-0) ($p < 0.001$)