

## APPENDIX A

Table 1: Descriptive Information for Included Incidents ( $n=24$ )

	Incident Description	# of Officers Who Fired Shots	# of Officers Who Did Not Fire
Incident #7	Officers receive a call of a possible suicidal subject armed with a gun in local park. The suicidal man is a former police officer. Multiple officers are called to the scene. After the subject refuses to drop his weapon and comply with officers' commands, officers on scene fire at the subject.	2	1
Incident #8	Officers receive a call reporting that a man has shot himself in his home. When officers arrived at the home, an armed, angry male is found in the front yard and later fires shots from his gun. Officer fires a shot at the suspect when he points his weapon in the direction of the officers.	1	3
Incident #9	Officers are searching for a suspect wanted in a local robbery. The suspect is identified and officers head to his home to apprehend him. After knocking at the suspect's door, officers see the suspect is armed with a gun and begin firing. It is later discovered that the suspect's gun is a toy gun.	3	1
Incident #11	Multiple officers are involved in vehicle pursuit with a male driving a vehicle with stolen plates. The suspect crashes out and officers exited their vehicles and approached the suspect. The suspect revs his car engine and the officers on scene believe he is about to run over a fellow officer. Shots are then fired at the driver.	1	3
Incident #12	A SWAT team is called to respond to a hostage situation involving a father and his son. The team drafts a plan to make entry into the home to retrieve the young boy and apprehend his armed father. Upon entry, shots ring out (fired by father) and officers' entry is delayed due to a couch placed by front door. One officer fired at the male, but he and his son were already victims of a murder-suicide.	1	1
Incident #18	Officers had been looking for an armed robbery suspect for months. Officers spot the suspect and a vehicle pursuit ensues. Once the suspect and officers stop and exit their vehicles, the suspect points his gun at one of the officers involved. Another officer sees the suspect pointing his weapon at the officer and fires.	1	1
Incident #20	An officer decides to make contact with a suspicious-looking male and as the officer tries to approach him, the man draws a gun and fires at the officer. This officer broadcasts "shots fired" and multiple officers respond to the scene. During a foot pursuit, the suspect fires at officers and officers return fire.	11	5
Incident #26	A local bail bondsman calls officers to apprehend a man wanted on a family violence warrant. Upon entry into the bonds office, the suspect comes at officers and a physical fight between the suspect and officers ensues. The suspect eventually draws a weapon and officers fire.	2	2
Incident #43	Dispatch receives an anonymous call reporting multiple homicides. When officers arrive on scene, a man armed with multiple knives approaches the officers and is non-responsive to commands. Shots are fired at the armed man.	1	1
Incident #46	Dispatch receives a call reporting that shots had been fired at a local community center. Two officers respond and find a deceased female victim that had been shot. Officers then encounter an angry male armed with a shotgun. The male begins to load his shotgun and swings it in the direction of the officers. One officer fires at the suspect.	1	1
Incident #47	An anti-crime unit is assigned to patrol a high-crime area for the day. Officers encounter an elderly man that refuses to comply with officers' requests to stop and chat. The man then reaches for his waistband, retrieves a gun, and fires at one of the officers. Officers then fire back at suspect.	3	1
Incident #53	Officers spot a suspect wanted for an armed robbery. When officers approach the suspect, he takes off on foot and officers give chase. The suspect then reaches for his waistband and pulls out a gun. Concerned for his partner and the public, an officer fires at suspect.	1	1
Incident #59	Officers respond to a shooting at a local high school. The suspect, a young male, barricaded himself into a classroom on the second floor. An officer serves as a negotiator and attempts to talk the young boy into surrendering. When the young man points his gun and	3	1

	advances at the officers, officers fire.		
Incident #68	Officers are called to respond to a man armed with a grenade at the federal courthouse. Multiple officers enter the building and issue commands to the suspect to slowly drop the grenade. When the suspect is non-compliant, the decision was made to fire at the suspect in order to prevent him from activating the grenade.	2	1
Incident #69	Officers respond to a location where someone has reported a man with a gun. The officers spot a male that matches the description they received and issue commands to the male to stop and turn around slowly. When the man reaches into his waistband, one officer fires his TASER, then transitions to his firearm and fires a shot at the man.	1	1
Incident #88	Officers respond to a disturbance call. Once officers are able to get inside the residence, a male inside the home becomes hostile and is armed with a knife. The man begins to swing the knife in the direction of the officers and one officer fires.	1	1
Incident #90	Officers are assigned to retrieve a stolen car under the assumption that the suspect, a known gang member, is not home. Upon arrival, the suspect gets into the vehicle, drives off, and officers initiate a vehicle pursuit. After crashing out, the suspect begins firing at officers and multiple officers fire back at the suspect.	2	1
Incident #94	SWAT officers respond to a call reporting a man with a bomb in his house. Two sniper officers are sent to find a location around the perimeter and see the male homeowner armed with a rifle and threatening to shoot down the police helicopter hovering overhead. One officer fired at the armed man.	1	1
Incident #103	An officer stops a driver for driving erratically. The driver is intoxicated. When the driver will not exit the vehicle, the officer attempts to physically remove him from the car, and a physical fight ensues. Another officer, who is driving to work, witnesses this altercation and sees that the driver is attempting to run the officer over. This officer stops to assist and fires at the driver to stop him from hitting the other officer with his vehicle.	1	1
Incident #105	An anti-crime team is monitoring an area with the goal of catching a man wanted for breaking into vehicles. The team spots him and when attempting to apprehend him, the suspect is able to break free in his vehicle, but an officer is in his line of travel. Officers fire at suspect to prevent him from running over a fellow officer.	2	2
Incident #118	Homicide detectives are looking for a murder suspect. They spot the suspect downtown and approach him with the goal of apprehending him. The suspect gets in a physical fight with one of the officers and attempts to steal the officer's gun. The second officer fires at the suspect to prevent him from taking his partner's gun and using it against them.	1	1
Incident #123	Dispatch receives a call of a young man armed with a rifle at a local high school. Officers arrive and issue commands to the male to drop the weapon. After pointing the gun at officers numerous times, one officer fired at the suspect.	1	1
Incident #124	Officers from the narcotics unit are executing a search warrant of a home of a gang member suspected of drug trafficking. Upon entry, a male in the home takes officers under fire and officers respond by returning fire.	2	2
Incident #127	SWAT officers are called to respond to a barricaded male in a motel room. Officers draft a plan to enter the room and apprehend the man. Officers learn upon entry that the man has a knife taped to his hand. The man starts advancing at the officers and one officer fires at the armed male.	1	3