



Integrated School Security



Estimated Adversary Task Times & Response: Previous Incidents

Tasks/Activities	Sandy Hook E.S.	Virginia Tech	Columbine H.S.
Casualties	K-26	K-32/W-17	K-13/W-21
Attack Initiated – Killer(s) enter or commence attack by surprise	T 09:34	T 09:40	T 11:19
Mass killing in full progress	T 09:35	T 09:42	T 11:23
Shooting stopped (suicide)	T 09:40	T 09:51	T 12:08
Adversary Task Time (Mass Killing)	~ 1 min.	~ 2 min.	~ 4 min.
Type of Police Force (First Responding)	Local	Campus	SRO
First call to 911	T 09:35	T 09:42	T 11:22
Police dispatched	T 09:36	T 09:42	T 11:23
First responding police arrive on-scene	T 09:37	T 09:45	T 11:25
Police enter and tactically respond	T 09:44	T 09:52	T 13:09
On-Scene Response Time	~ 2.5 min	~ 3 min	~ 3 min
<u>Effective Response Time</u>	~ 9 min	~ 12 min	~ 110 min



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F			T 11:22
P			T 11:23
F			T 11:25
P			T 13:09
Police enter and tactically respond	T 09:41	T 09:52	
On-Scene Response Time	~2.5 min	~3 min	3 min
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In each case the system failed! The adversary was done killing and committed suicide before the response force ever intervened.



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Attack			7-21
Attack			19
Mass			23
Shoo			08
			in.
First			22
Police			23
First			25
Police			09
			in
Effective Response Time			
	~ 9 min	~ 12 min	~ 110 min

Our ultimate goal is to intercept and neutralize the adversary before they can fully initiate mass killing!



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Mass			23
Shoo			08
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First			22
Police			23
First			25
Police			09
			in
<u>Effective Response Time</u>	~ 9 min	~ 12 min	~ 110 min

The Effective Response Time must be less than the cumulative time from the first call to 911 and the time that mass killing started underway.

In previous incidents, this was often less than 1-2 minutes.

With off-site police response, this is impossible!

With on-site response, this is also very difficult.



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Attack			19
Mass			23
Shoo			08
			in.
			0
First			22
Police			23
First			25
Police			09
			in
<u>Effective Response Time</u>	~ 9 min	~ 12 min	~ 110 min

Accomplishing the main objective usually requires a combination of reducing Response Time and increasing Adversary Task Time (DELAY) by rapidly locking down classrooms and using improved barriers to delay the adversary from entering the classroom.