

Appendixes

Appendix 1: STREET one for risk assessment based on the first Swedish study inspired and adjusted from the U.K. purple guide. (Berner, Alharbi, Carlström, Khorram-Manesh, 2015) [2].

General factors of risk assessment.					
C1: Type of events (choose 1–2 factors)		P1: Expected number of spectators (Choose 1 factor)		R1: Disturbances/conflicts (Choose 1 factor)	
Concert	4	<1000	1	Low risk	0
Exhibitions	3	<3000	2	Medium risk	4
Water sports/events	3	<5000	8	High risk	8
Motor sports	4	<10000	12	Rival groups	10
City festivals	6	<20000	16		
Conference/Conventions	1	<30000	20	R1: Mark your choice	
Political (VIP) meetings	4	<40000	24		
Music festivals	3	<60000	28	R2: Alcohol and drugs (Choose 1 factor)	
Demonstrations/Riots	7	<80000	34	None	0
stadium sports	4	100000 or more	42	Low	3
Marathons, cyke tournaments	6			Medium	7
		P1: Mark your choice		High	10
C1: Mark your choice					
		P2: Density of mass gathering (Choose 1 factor)		R2: Mark your choice	
C2: Area involved (Choose 1 factor)		Low density	0		
Localized to one limited area	0	Medium	4	R3: Threats such as terror	
Localized to couple of areas	2	High density	8	(max 1 year assessment, Choose 1–2 factors)	
Spread out in many areas	3			None	0
		P2: Mark your choice		Internationally	2
C2: Mark your choice				Nationally	6
		P3: Predominating age group (Choose 1 factor)		Both International and National	6
C3: Place/Local (Choose 1–2 factors)		31–50	1	Distinct threat for this event	25
Indoor	1	>50	4		
Stadium	2	15–30	4	R3: Mark your choice	
Outdoor intersperse	2	Mixed public	1		
Outdoor others	3			R4: Pre-requisite for quick evacuation	
Street events	4	P3: Mark your choice		(Choose 1 factor)	
Temporary buildings outdoor	4			Good	0
Included camping for night stay	5			Medium	5
				Low, not enough	10
C3: Mark your choice					
				R4: Mark your choice	
C4: standing/sitting rooms (Choose 1 factor)					
Sitting room	1			R5: Accessibility for vehicles (Choose 1 factor)	
				Low	8
Mixed	2			Medium	4
Standing	3			High	0
No room, moving around	4				
C4: Mark your choice				R5: Mark your choice	
C5: Event coincides with (Choose 1–2 factors)					
New year and Midsummer	6				
End of month, sallary payment	5				
Christmass and Easter	3				
Vaccations, summer time	3				
None of above	0				
C5: Mark your choice					
				Add upp CPR to your organizational (PO, RT, EMS)	
				sum from part B of the tool	
Sum of Cs		Sum of Ps		Sum of Rs	
				Sum of CPR	

C = Characteristic; P= Population; R= Risks.

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Appendix 2: STREET two for resource assessment based on the first Swedish study inspired and adjusted from the U.K. purple guide. (Berner, Alharbi, Carlström, Khorram-Manesh, 2015) [14].

Organization related factors of resource assessment.		
PO1: Manageable violence/conflict (Choose 1 factor)	RT1: Ability to Manage fire (Choose 1 factor)	EMS1: Type of receiving units (Choose 1 factor)
Low 10	High	0 Many Emergency departments available 0
Medium 5	Medium	5 Large Emergency department >100 000 inhabitants 2
High 0	Low	10 Little Emergency departments <100 000 inhabitants 4
PO1: Mark your choice	RT1: Mark your choice	EMS1: Mark your choice
PO2: Potential use of weapons (Choose 1 factor)	RT2: Presence of bonfire/smoke (Choose 1 factor)	EMS2: Healthcare resources on site (Choose 0-4 factors)
Low 0	None	0 Stretcher or wheelchairs -1
Medium 5	Low	4 Defibrillators -2
High 10	High	12 Instruments for wound care -2
PO2: Mark your choice	RT2: Mark your choice	local adjusted to handicapped/disables -2
PO3: Tactical conditions of the area/place	RT3: Presence of pyrotech. material. (Choose 1 factor)	EMS2: Mark your choice
Well -5	None	0 EMS3: Distance to the nearest Emergency department by car (Choose 1 factor)
Good 0	Low	4 0-15 min by car 0
Poor 10	High	10 <30 min by car 4
PO3: Mark your choice	RT3: Mark your choice	>30 min by car 8
PO4: Security guards on place (Choose 1 factor)	RT4: Risk for landslides (Choose 1 factor)	EMS3: Mark your choice
None 0	None	0 EMS4: Extra resources on place within (Choose 1 factor)
Manage individual cases -3	Medium	4 0-10 min -10
Manage group confrontations -12	High	10 10-20 min -5
PO4: Mark your choice	RT4: Mark your choice	>30 min 5
PO5: Extra resources on place within (Choose 1 factor)	RT5: Extra resources on place within (Choose 1 factor)	EMS4: Mark your choice
0-10 min -10	0-10 min	-10 EMS5: Temperature during the event (Choose 1 factor)
10-20 min -5	10-20 min	-5 0-25 degree 0
>30 min 5	>30 min	5 25-30 degree 2
PO5: Mark your choice	RT5: Mark your choice	<-10 degree 2
PO6: History of the event (Choose 1 factor)	RT6: Access to larger fire vehicle (Choose 1 factor)	EMS5: Mark your choice
Not so often -8	Low	8 EMS6: Events history (Choose 1 factor)
Few times each year 4	Medium	4 Low frequency of injuries <1% -8
Many times each year 10	High	0 Medium frequency of injuries 1-2% 4
First time 2	RT6: Mark your choice	High frequency of injuries >2% 10
PO6: Mark your choice	RT7: Closeness to the water (risk for drowning) (Choose 1 factor)	First time 2
PO7: Risks for riots and terror attacks	RT8: History of the event (Choose 1 factor)	EMS6: Mark your choice
Low 0	Not so often	8 EMS7: Sum of EMS
Risk for riots 15	Few times each year	4 Sum of CPR
Risk for violent riots 25	Many times each year	10 Sum of CPR+EMS
Risk for terror attacks 30	First time	2
PO7: Mark your choice	RT8: Mark your choice	
Sum of PO	Sum of RT	
Sum of CPR	Sum of CPR	
Sum of CPR+PO	Sum of CPR+RT	
Mark your resource needs	Mark your resource needs	Mark your resource needs
None	None	None
Low	Low	Low
Medium	medium	Medium
High	High	High

PO: Police; RT: Rescue teams; EMS: Emergency medical services

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