

COVID-19 Mass Gathering Event Risk Assessment Tool

1 Introduction

Where the number of mass attendance events grows as the nations of the UK come out of their various lockdown arrangements, a need has been identified to assess the risk of those events and ensure that appropriate mitigations are in place. To make this simpler and consistent the following tool is proposed. It works in a similar manner to the risk assessment tool in the 'Purple Guide' for managing safety at crowd events.

2 The Tool

The tool simply provides a score based on key factors to be considered for the event. Each element has a score based on criteria within that element. The user selects that score and then at the end of the process sums all the individual scores. This gives an overall risk score for the event. From that score, a rating can be assigned to the event and appropriate action taken.

Factor	Criteria	Score
Number of people	<500	1
	500 - 2,000	2
	2,000 - 5,000	4
	5,000 - 10,000	8
	> 10,000	10
Spacing	Expected to be >2m	1
	2m - 1m	6
	<1m	10
Ventilation	Outdoors	1
	Indoors, good ventilation	4
	Indoors, average ventilation	6
	Indoors, poor ventilation	10
Event Duration	< 3 hours	1
	3 - 6 hours	2
	6 - 12 hours	3
	12 - 24 hours	4
	24 - 48 hours	5
	>48 hours	6
Travel Footprint	Local Travel	1
	Travel within UK Region	4
	Travel within England	6

	UK Travel	8	
	International Travel	10	
Travel Routes	Mostly Private Transport	1	
	Mix of Private and Public Transport	4	
	Mostly Public Transport	8	
	Total		

The total gives a risk rating on a four-colour rating

Risk Score	Rating
6 to 20	Green
21 to 33	Amber
34 to 44	Orange
45 to 54	Red

This rating will determine actions need to mitigate the risk.

3 The Factors

Each of the factors has a number of criteria. Where an event factor meets a range of criteria, the one with the highest score is to be used. The scoring varies from factor to factor and is not necessarily linear. Most are self-explanatory

3.1 Number of people

The number of people expected to attend the event over the event's duration.

3.2 Spacing

This is the expected distancing between individuals that are not in the same family group or bubble.

3.3 Ventilation

How well ventilated the event is. The criteria may need more specific definition as to what constitutes good, average and poor ventilation for indoor events.

3.4 Event Duration

The total duration of the event from the first admission until all attendees have left. For example, a football match would need to include from when the gates open until all the spectators have left.

3.5 **Travel Footprint**

How far people travel to the event. Is it something just attended by the local population, from the English region or wider afield including international travel.

3.6 **Travel Routes**

How the attendees get top the event. Is in mostly private transport containing single family groups, a mix of modes or mainly public transport.