

ATTACHMENT A
SPECIAL EVENTS HEALTH AND MEDICAL PLAN MATRIX

- Basic Life Support (BLS) is a variety of noninvasive emergency procedures performed to assist in the immediate survival of a patient until they can be given full medical care at a hospital, including cardiopulmonary resuscitation (CPR), defibrillation, hemorrhage control, stabilization of fractures, spinal immobilization, and basic first aid. BLS is provided by trained medical personnel including emergency medical technicians.
- Advanced Life Support (ALS) is a set of protocols and skills that extend BLS for sustaining life including the advanced diagnosis and protocol-driven treatment of a patient in the field such as defibrillation, airway management, and administration of medications. Generally, ALS is performed by paramedics.
- Small footprint events are contained within a footprint that can be walked within a few minutes, typically not longer than a city block for a street.

Event	Recommended Medical Providers and Assets							
Estimated Total Attendees	Communications Coordinator ¹	CPR, AED, 911 Access ²	On-site BLS	On-site ALS ³	On-site ALS and Physician ⁴	On-site Standby Ambulance ⁵	Mobile Medical Teams ⁶	Multiple Aid Stations ⁷
Small Footprint								
<2,500		REQ	SUG					
2,500 - 5,000		REQ	REQ	SUG				
5,000 - 10,000	SUG	REQ	REQ	REQ	SUG		SUG	
Large Footprint								
<2,500		REQ	SUG					
2,500 - 5,000	SUG	REQ	REQ	SUG			REQ	
5,000 - 10,000	SUG	REQ	REQ	REQ			REQ	
10,000 - 25,000	REQ	REQ	REQ	REQ	REQ	REQ	REQ	SUG
25,000 - 50,000	REQ	REQ	REQ	REQ	REQ	REQ	REQ	SUG
50,000+	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ

REQ = Required, SUG = Suggested (Planning matrix is based upon FEMA guidance for special events, and Denver's experience managing special events)

Note: these requirements may vary depending on dynamic factors of the event.

¹ A communications coordinator typically operates from a command post or event operations center, using radios to communicate with staff

² The City and County of Denver and its Emergency Medical Services Provider recommend that an Automated External Defibrillator (AED) be on site and immediately available at all events, and defibrillation is assumed to be part of the BLS and ALS medical capability. AED's are available locally and via the internet for daily and weekly rentals.

³ Basic Life Support with an AED may be substituted for ALS in some situations, depending on event characteristics. Please direct questions to Denver Health Paramedics.

⁴ Having emergency physicians on-site is a valuable resource for treating and releasing patients back to the event. This also potentially mitigates the need for ambulance transports for some patients.

⁵ Standby ambulances are typically valuable as an adjunct to on-site medical providers. A dedicated ambulance that is the only medical asset will leave the event without coverage if it must leave immediately with a patient. Agencies providing on-site care should also provide access to transport resources outside of calling 911.

⁶ Mobile medical teams are of paramount importance for large footprint events, events with large crowds and other barriers to timely ingress of ambulances, and security measures that impede ingress. May include foot patrol EMTs and paramedics, bicycle medics, ATVs and other mobile assets.

⁷ Multiple aid stations should be considered for large footprint events and for races and walks with long routes. Typically, in conjunction with mobile medical teams. Depending on the footprint, multiple aid stations may be substituted for additional mobile resources.