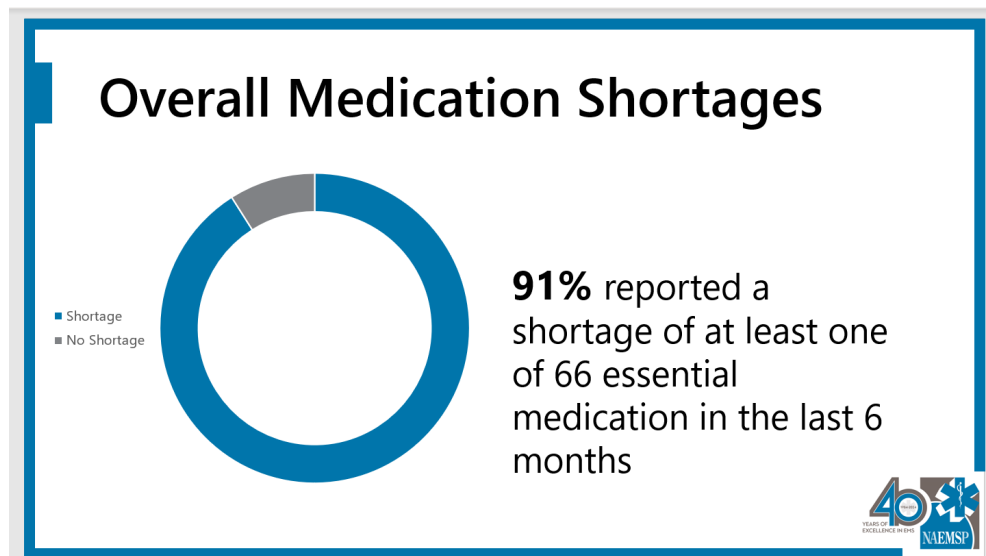


## 2024 National Survey on EMS Medication Shortages

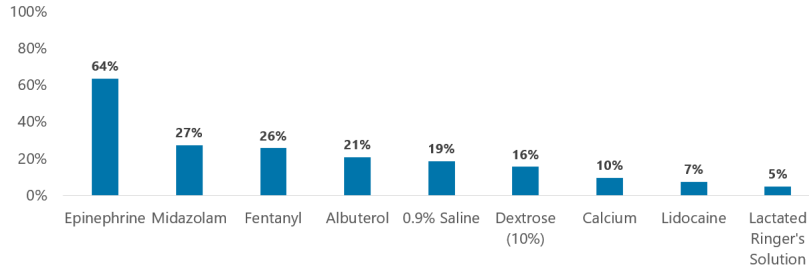
<b>66 Essential Emergency Medications (EEM)</b>	<b>9 Minutes Count Medications (MCM)</b>
<ul style="list-style-type: none"><li>• Cardiac arrest</li><li>• Peri-arrest/Shock</li><li>• Sedative/Anti-seizure</li><li>• Antidotes</li><li>• Pain management</li><li>• Other – antibiotics, anti-parasitic, anti-hypertensive, asthma, anti-fungal, antivenom, vaccines</li></ul>	<ul style="list-style-type: none"><li>• Epinephrine</li><li>• Lidocaine</li><li>• Calcium</li><li>• 0.9% Saline</li><li>• Lactated Ringer’s Solution</li><li>• Albuterol</li><li>• Midazolam</li><li>• 10% Dextrose Solution</li><li>• Fentanyl</li></ul>

***Medication shortages pose an immediate threat to EMS patients when minutes count and medications on the ambulance are unavailable, expired or second tier.***



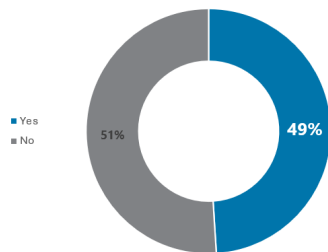
# Minutes Count Medications

Shortages of Minutes Count Medications in Previous 6 Months

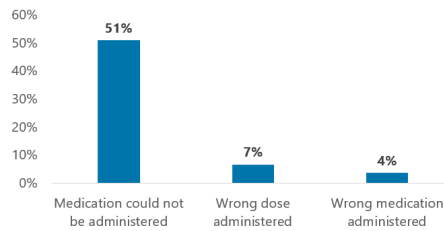


# Adverse Events

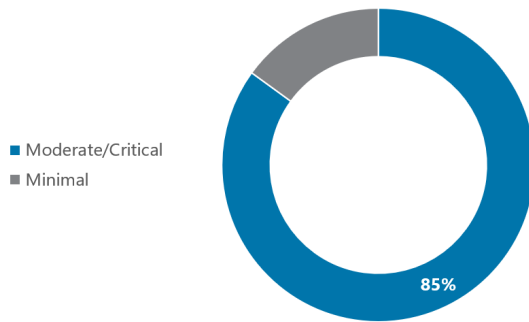
Shortage Resulted in Adverse Event



Nature of Adverse Events



# Shortage Impact



**85%** rated the shortages as having moderate or critical impact at their agencies

