NAEMSP Guidelines for Uniform Reporting of Data from Out-of-Hospital Airway Management

	Field	Variables	Idaho	NEMSIS
1	Indications for invasive airway management	apnea airway reflex compromise ventilatory effort compromise injury or medical condition directly involving airway potential future airway or ventilatory compromise		
2	Endotracheal intubation attempt	yes no	XXXXX	XXXXX
3	Endotracheal tube not attempted alternate method of airway support	BVM Combitube Needle jet insufflation Open cricothyrotomy Other cricothyrotomy CPAP LMA Other Not Applicable	?????	?????
4	Pt in cardiopulmonary arrest on intubation	yes no		
5	Intubation for trauma	yes (trauma) no (medical) Unknown	?????	
6	Pediatric intubation	yes (pediatric) no (adult) Unknown	?????	?????
7	Heart Rate before intubation	### beats/min not obtained	?????	
8	Systolic blood pressure before intubation	### mm HG Not obtained	?????	
9	Diastolic blood pessure before intubation	### mm HG Not obtained	?????	
10	Spontaneous resp rate before intubation	## breaths/min Not obtained	?????	
11	Oxygen sat before intubation	##% SAO2 Not measurable Not obtained	??????	
12	Eye GCS before intubation	1 2 3 4 5 Not Obtained	?????	
13	Verbal GCS before intubation	1 2 3 4 5 6 Not Obtained	?????	
14	Motor GCS before intubation	1 2	?????	

		3 4 5 6 7 Not Obtained		
15	Monitoring and Treatment adjuncts during intubation	ECG Pulse Ox C-spine immobiliztion CPR IV access GEB BAAM Endotrol	?????	
16	Endotracheal intubation method	Oral Nasal Sedation facilitated intubation RSI Other - non surgical methods	?????	?????
17	Certification level of provider attempting intubation	EMT-P EMT-I EMT-B Paramedic student Prehospital nuse Physician Assistant Physician (resident) Physician (attending or fellow) Other	?????	?????
18	Intubations success for each attempt	yes no	?????	?????
19	Placement verification by auscultation	BS present and equal Breath sounds absent and/or over epigastrium Indeterminate Not applicable - not assessed Not applicable - tube not placed		
20	Placement verification by bulb aspiration device	Bulb inflated immediately Delayed inflation Indeterminate Not Applicable bulb device not used Not applicable unable to place tube		
21	Placement verification by syringe aspiration device	Easy syringe inflation Difficult syringe aspiration Indeterminate Not Applicable syringe aspiration device not used Not applicable unable to place tube		
22	Endotracheal tube placement by colorimetric end tidal carbon dioxide detector device	Color change present No color change present Indeterminate		

		Not Applicable colorimetric device not used Not applicable unable to place tube		
23	Endotracheal tube placement by digital end tidal carbon dioxide detector device	Elevated end tidal values present Elevated end tidal values not present Indeterminate Not Applicable digital device not used Not applicable unable to place tube		
24	Endotracheal tube placement verified by waveform end tidal carbon dioxide detector device	End tidal waveform present End tidal waveform not present Indeterminate Not Applicable waveform device not used Not applicable unable to place tube		
25	Peak end tidal carbon dioxide value	### ETCO2, mm HG Indeterminate	?????	
26	Intubation success for overall patient encounter	yes no	XXXXX	
27	Person determing intubation success for overall patient encounter	Rescuer who performed intubation; failed intubation Rescuer who performed intubation; no transfer of care Rescuer who performed intubation; patient pronounced dead in field Rescuer who performed intubation; receiving team or facility did not verify correct placement Receiving hospital team Receiving ground EMS team Receiving air medical team Other Unknown		
28	Heart Rate after intubation	### Beats/min not obtained	?????	
29	Systolic blood pressure after intubation	### mm HG Not obtained	?????	
30	Diastolic blood pessure after intubation	### mm HG Not obtained	?????	
31	Spontaneous resp rate after intubation	## breaths/min Not obtained	?????	
32	Oxygen sat after intubation	##% SAO2 Not measurable Not obtained	?????	
33	Critical complications encountered during airway management	Failure to successfully perform ETI Injury or trauma to patient from airway management	?????	?????

		Adverse event from drugs administered to facilitate airway management Esophageal intubation delayed detection Esophageal intubation unrecognized Tube dislodgement during transport or care Other No critical complications resulting from airway management		
34	Suspected reasons for failed intubation	Inadequate patient relaxation Inability to expose vocal cords during laryngoscopy Patient anatomy Orofacial trauma Blood, vomitus, or secretions obscuring view of vocal cords Inability to access patient to perform intubation ETI attempts initiated but arrival at destination facility before successful intubation Equipment failure Other Not applicable		
35	Secondary airway management method	BVM Combitube LMA Needle jet insufflation Open cricothyroidotomy Other cricothyroidotomy Other Not applicable	?????	?????
36	Secondary airway management resulted in satisfactory ventilation	yes no Not applicable	?????	?????
37	Time of decision to intubate	HHMM (military time) Unknown		
38	Time of successful intubation	HHMM (military time) Unknown		
39	Time intubation attempts abandoned	HHMM (military time) Unknown Not applicable		