Type of Policy:	**DRAFT REGION 5 EMRESOURCE POLICY GUIDELINE**	Category:	**EMERGENCY RESPONSE**

Title:	*NEDOCS and FSEDs*	Policy #:	**8**
		Replaces #:	
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Issue Date: **10/20/23**		Approved By:	Region 5 EMResource Steering Committee
Revision Dates:			

Saturation scoring allow hospitals to calculate the degree of saturation or overcrowding in their Emergency Departments (EDs) so that the facility can accurately communicate its availability.

The saturation scoring tool employs several key inputs related to the ED, including capacity, volume, and acuity of patients in the ED. EMResource offers a second saturation scoring tool, the National Emergency Department Overcrowding Score (NEDOCS). NEDOCS takes into account ED capacity and the acuity of current patients. However, NEDOCS also uses ED throughput to inpatient beds as a key component to the calculation. Both options are available in the list of available Status Types. **Free Standing Emergency Departments (FSEDs) are considered hospital-affiliated (satellite) to an affiliated Acute Care hospital (host facility). Not reflecting the host acute care hospital in-patient capacity can lead to inaccurate representation of the ED landscape. FSEDs should Include affiliated Acute Care hospitals in-bed patient numbers!**

When all of the appropriate elements have been entered, click **Calculate** to get your NEDOCS saturation score:

☑ **NEDOCS:** NEDOCS

5	Number of ED Patients	10	Number of ED Beds
1	Number of ED Admits	45	Number of Inpatient Beds (excluding PEDS and OB)
2	Last Door-to-bed Time (hours, ex: 1.25)		
1	Number of Critical Care Patients (in ED)	[Calculate]	
2.25	Longest ED Admit (hours, ex: 1.25)		

63-Busy : NEDOCS (Calculated)   NEDOCS Help Document

Calculation
NEDOCS = 85.8(C/A) + 600(F/B) + 13.4(D) + 0.93(E) + 5.64(G) - 20

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	Field in Form	Description
A	Number of ED Beds	Total number of ED beds available or staffed, including hallways and chairs
B	Number of Inpatient Beds	Total number of inpatient beds (excluding PEDS and OB)*Include affiliated Acute Care hospitals in-bed patient numbers!
C	Number of ED Patients	Total number of ED patients, including hallways, chairs, admissions, and waiting room
D	Number of Critical Care Patients (in ED)	Total number of critical care patients in the ED (1:1 ratio, ventilators, psych, or ICU patients)
E	Longest ED Admit (in hours)	Longest admission time waiting in the ED; 15 minute increments; example: enter 2.25 for 2 1/4 hours
F	Number of ED Admits	Total number of ED admissions waiting in the ED (that is, waiting for an inpatient bed)
G	Last Door-to-bed Time (in hours)	Door-to-bed time for the last ED patient to get an ED bed; 15 minute increments; example: enter 2.25 for 2 1/4 hours