

CADDie (Centralized Ambulance Destination and Determination)

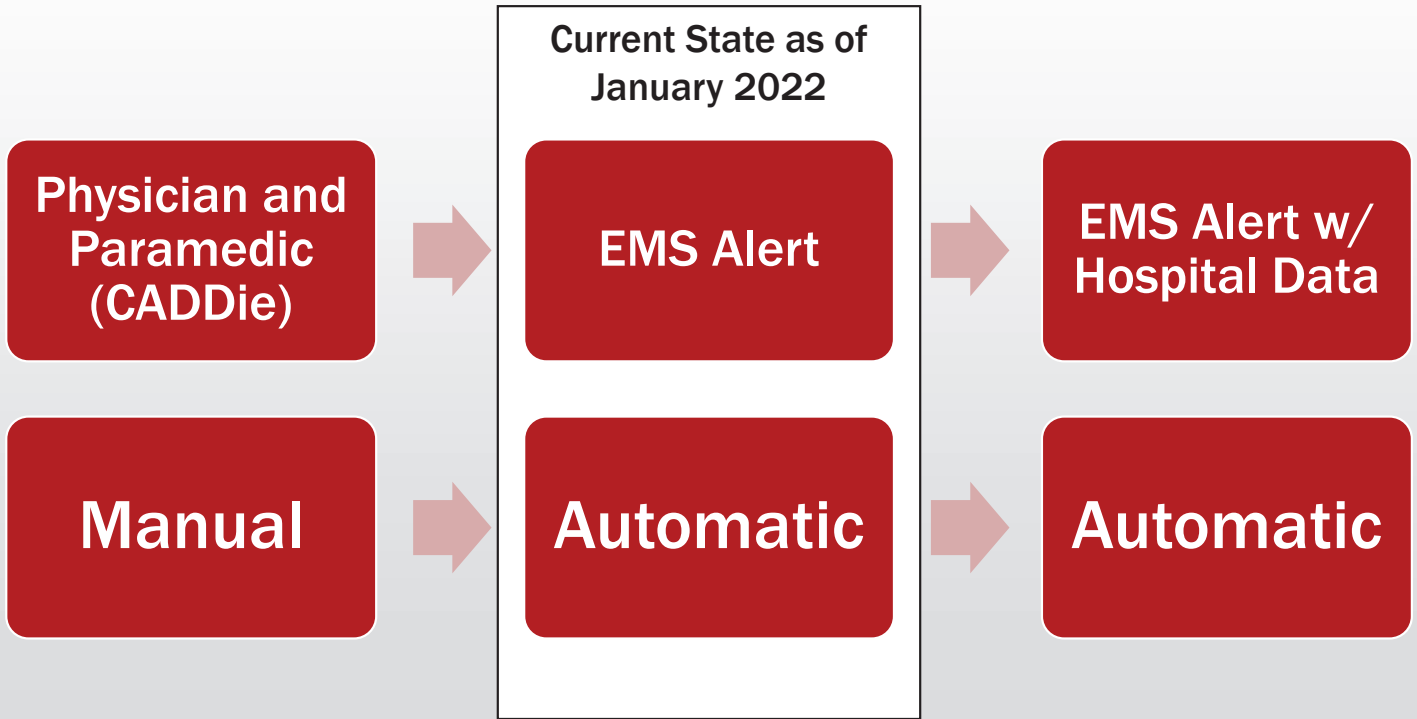
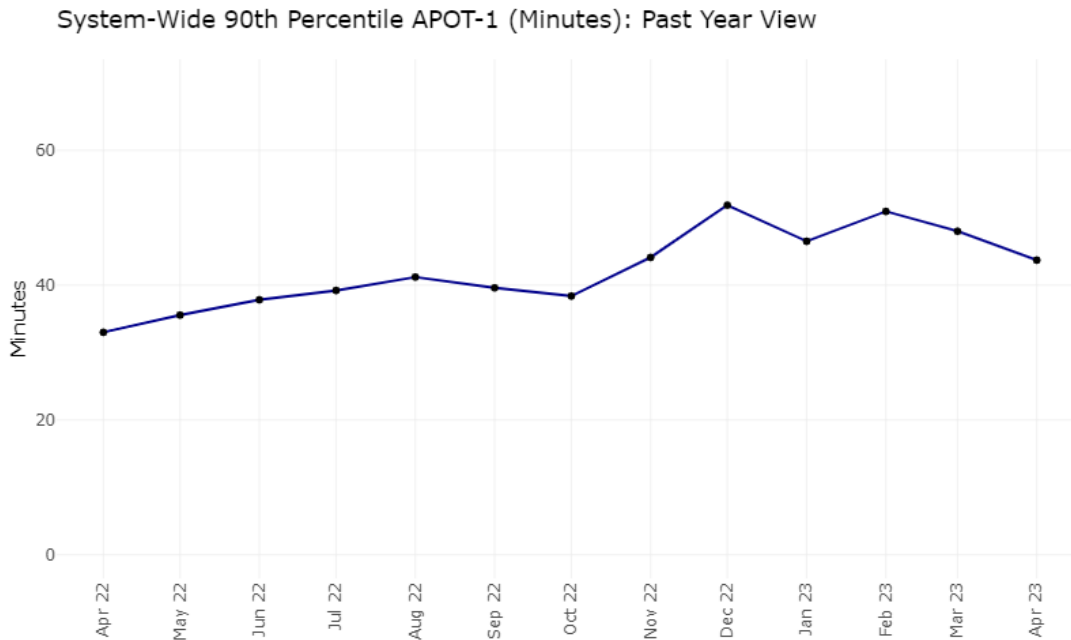


Figure 6 shows the aggregate 90th percentile APOT-1 for all 10 adult hospitals.

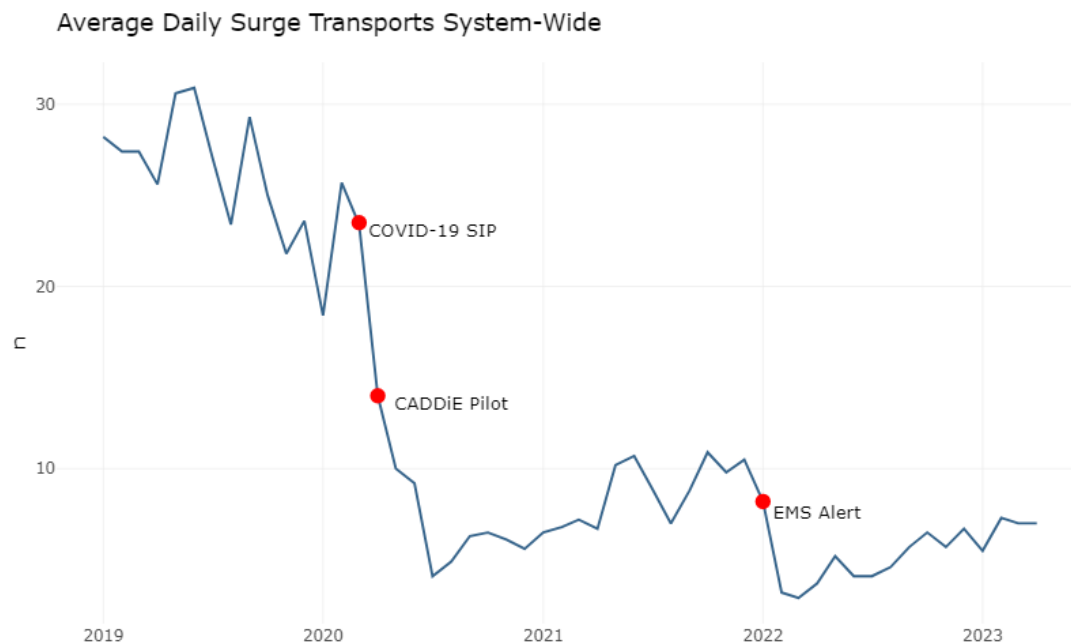
Figure 6



EMS Alert is a locally developed feature for preventing ambulance surge events. It incorporates real-time ambulance transport, arrival, and past-hour volume data to redirect ambulances when a hospital exceeds a threshold relative to their ED capacity (more information on EMS Alert can be found [here](#)). “Surge Transports” are transports to a hospital *after* EMS Alert conditions were met or would have been met in time periods prior to the feature’s adoption. This does not include the ambulance that triggered the Alert, only those transporting after.

Figure 7 shows the average daily number of Surge Transports for each month since January 2019. Noted are the months in which the COVID-19 shelter-in-place order was issued, when the CADDiE Pilot began, and when EMS Alert became active in January 2022.

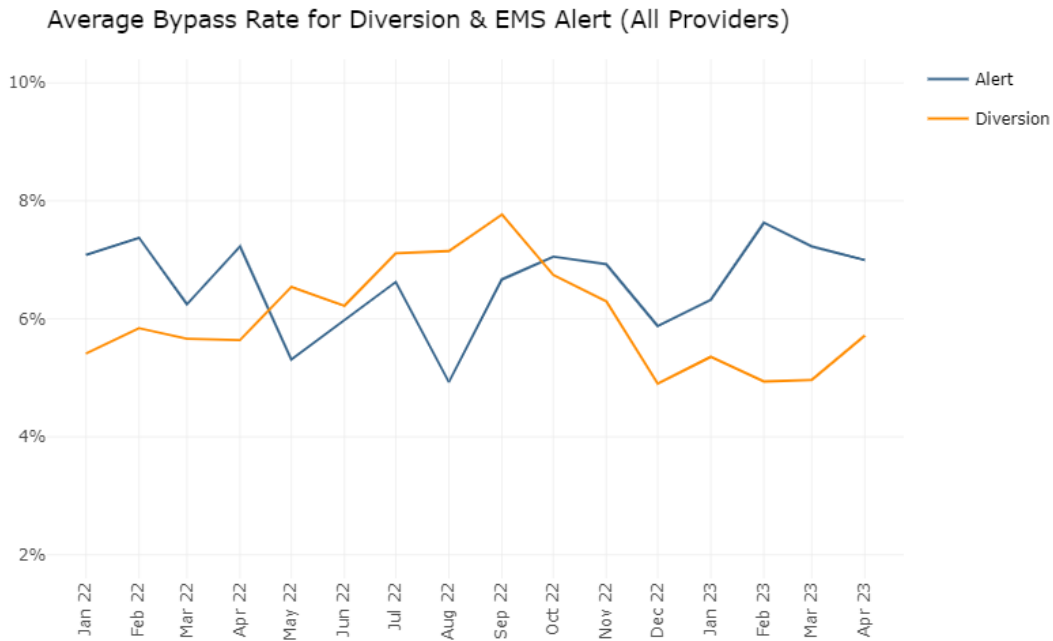
Figure 7



Figures 8 and Table 5 below examine compliance with EMS Alert. For the purpose of this report, a "non-compliant" transport is one that bypasses Alert with a patient who does not meet exemption criteria (e.g. specialty care, critical medical, etc.).

A challenge in measuring compliance is accurately identifying - at the individual patient level - whether a transport met qualifying exemption criteria given limited prehospital data. For this reason, the Diversion bypass rate is used for comparison since criteria for bypassing both is similar. The plot and table below show the average bypass rate of Code 2 transports for both Diversion and Alert during times when one or more hospitals is on Diversion/Alert, respectively. We would expect similar bypass rates for both.

Figure 8



EMS Alert bypass rates are calculated for each 911 EMS provider agency. Of all Code 2 transports performed by each provider when one or more hospitals were on EMS Alert, this is the percentage of transports that bypassed an EMS Alert .

Table 5

Provider	22-Apr	22-May	22-Jun	22-Jul	22-Aug	22-Sep	22-Oct	22-Nov	22-Dec	23-Jan	23-Feb	23-Mar	23-Apr	Avg
4R	8.4%	4.4%	8.4%	14.3%	8.5%	9.7%	12.7%	7.7%	7.3%	9.9%	7.9%	9.9%	8.6%	8.8%
1g	5.3%	3.8%	3.5%	4.9%	2.3%	6.0%	4.6%	4.8%	4.1%	3.7%	4.8%	5.4%	6.7%	4.9%
FD	7.6%	5.7%	6.2%	6.5%	5.1%	6.6%	7.1%	7.2%	5.9%	6.2%	8.0%	7.2%	6.8%	6.7%