

E-QUAL and CEDR Strive for Data-Driven Quality

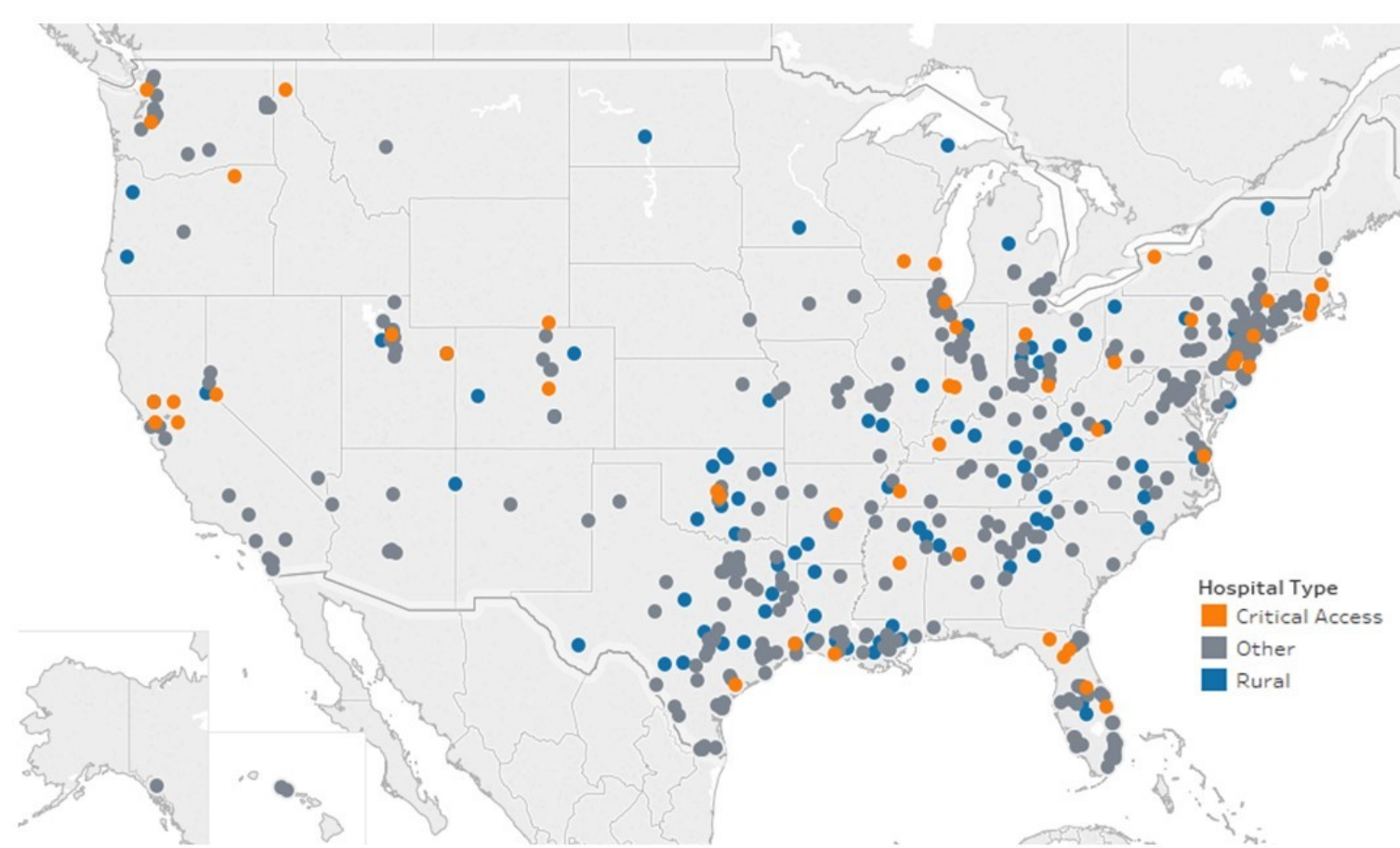
The E-QUAL Mission:

The Emergency Quality Network (E-QUAL) engages emergency clinicians and leverage emergency departments to improve clinical outcomes, coordination of care and to reduce costs.

E-QUAL Focus Areas

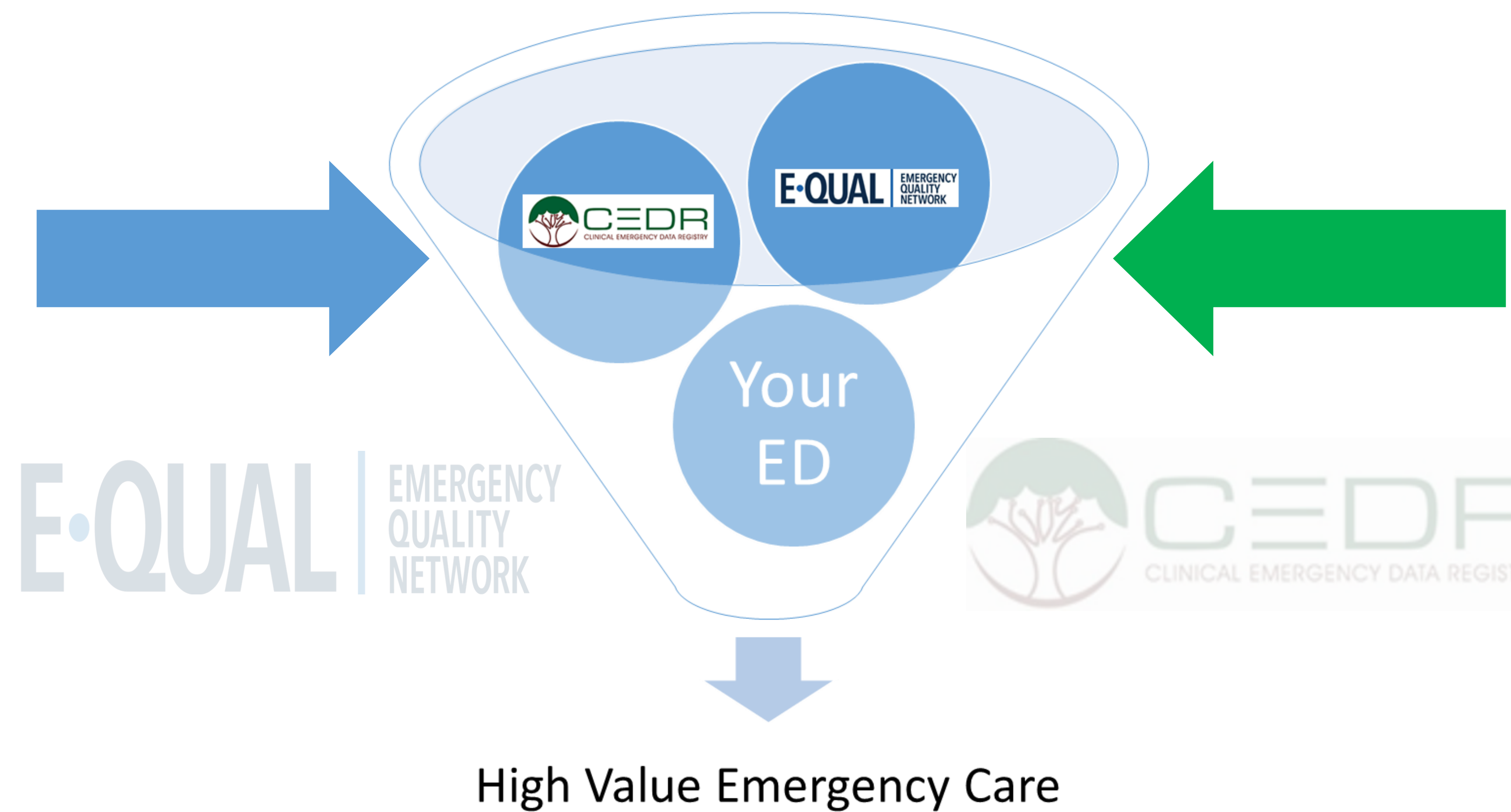
- Improve Outcomes for patients with sepsis
- Reduce Avoidable Testing for low risk patients through implementation of Choosing Wisely Recommendations
- Improve The Value of ED chest pain evaluation by reducing avoidable testing and admissions of low risk patients

ED Participants



Breakdown of E-QUAL EDs by Zip Code and Hospital Type. 863 EDs engaged in E-QUAL in 45 states.

Innovation



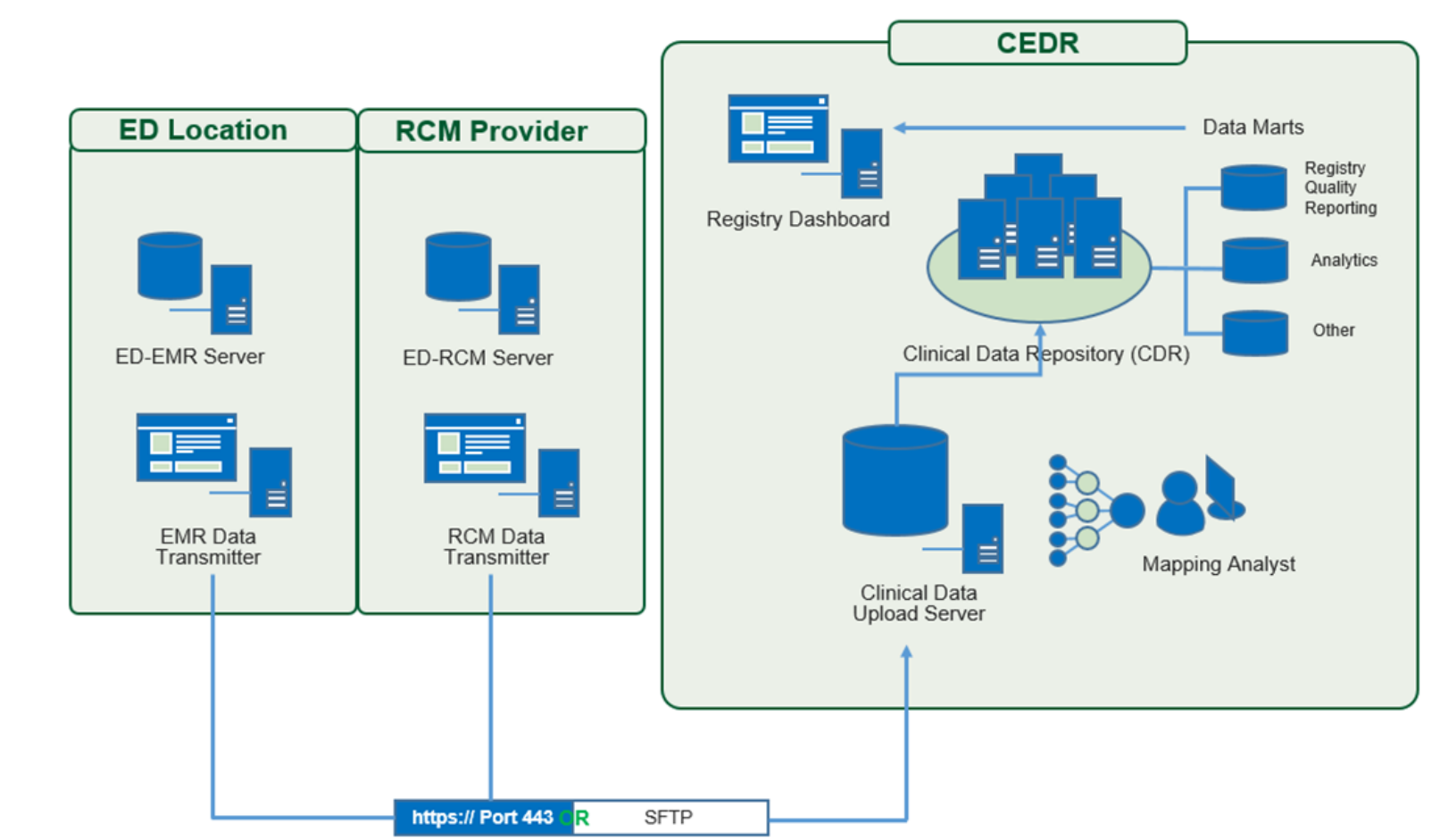
The CEDR Mission:

The Clinical Emergency Data Registry (CEDR) is a CMS-designated Qualified Clinical Data Registry. CEDR is designed to measure healthcare quality, outcomes, practice patterns, and trends in emergency care.

CEDR Focus Areas

- Developing the first and only emergency medicine specialty registry at a national level.
- Enabling emergency physicians to participate in MACRA.

CEDR Data Flow



Results of the Innovation

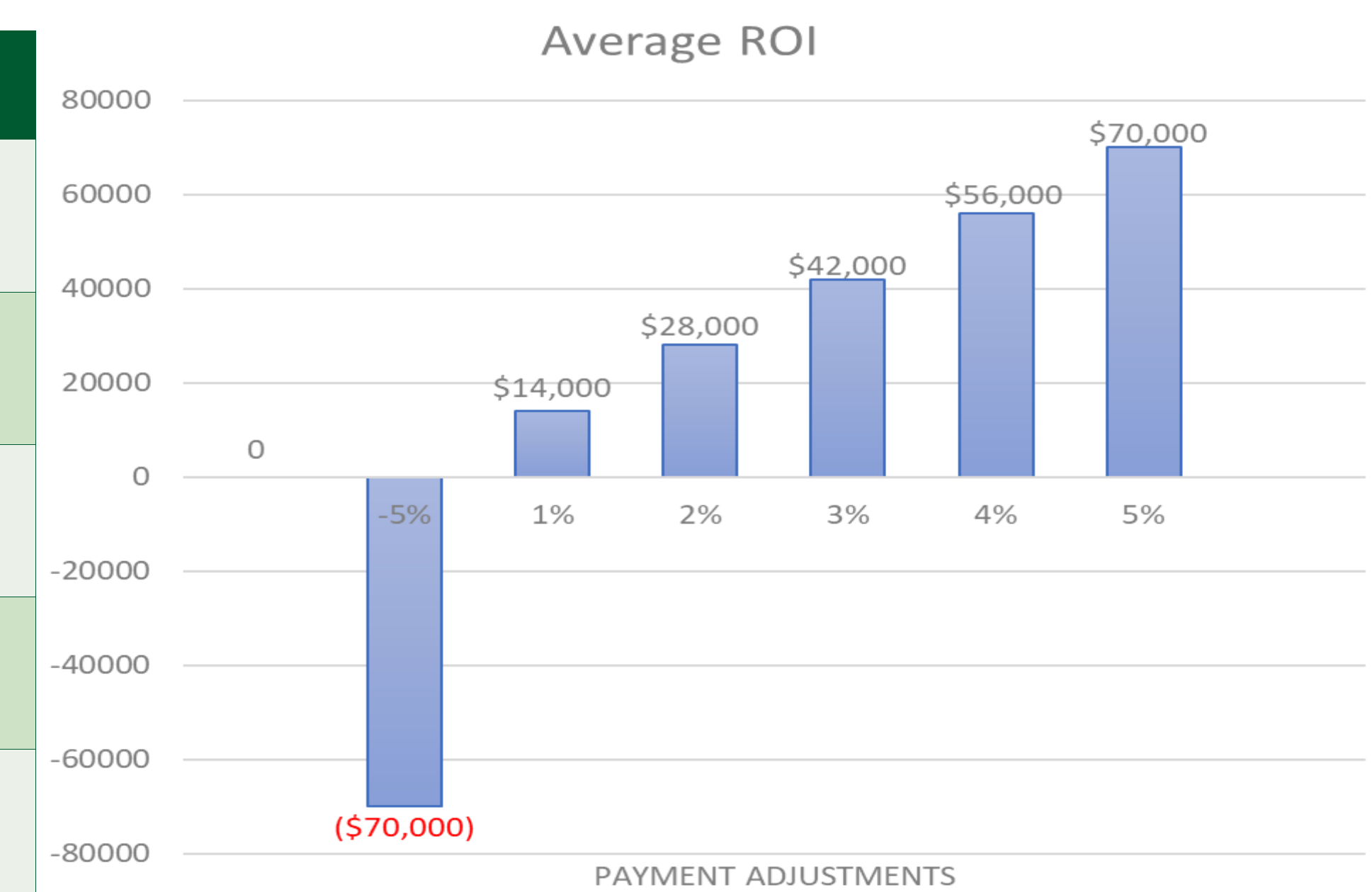
Avoidable Imaging Wave II

E-QUAL observed reductions in CT use in Head CT for Minor Head Trauma or Syncope, and in Abdomen CT for Renal Colic

Chest Pain Wave I

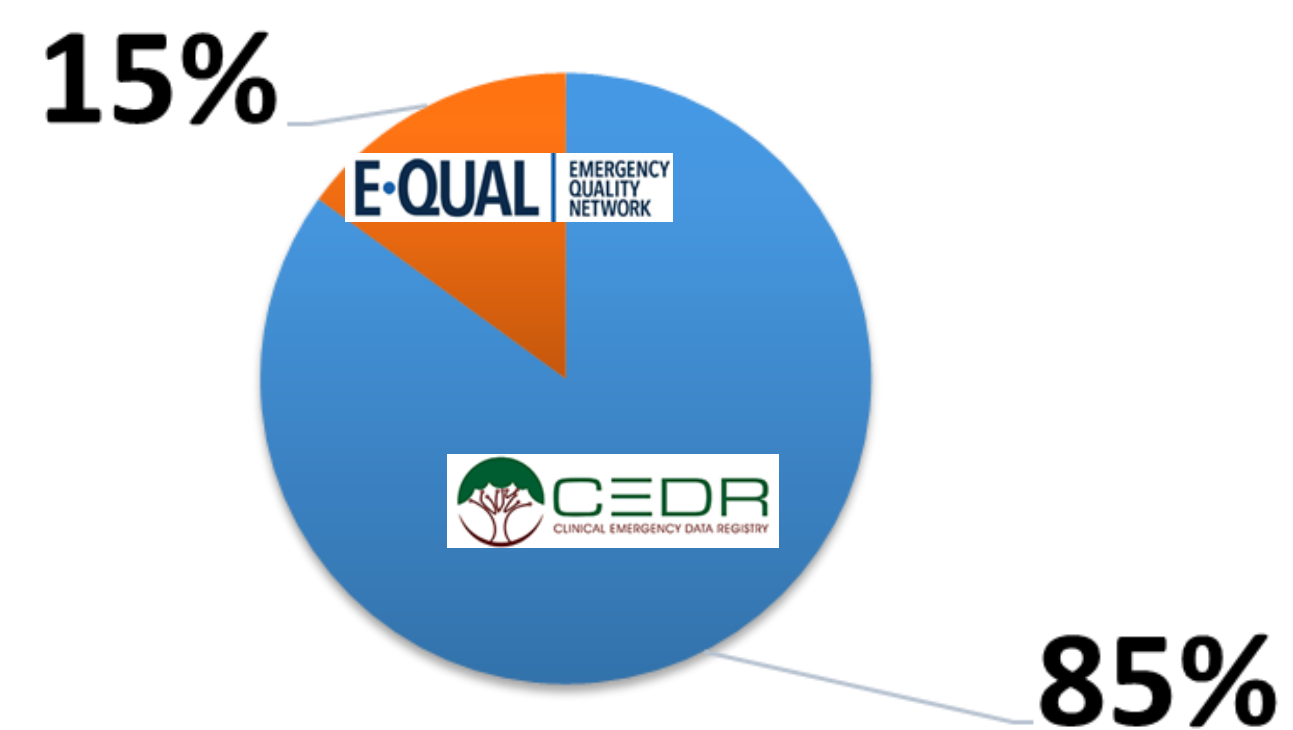
The Chest Pain *Inpatient Admission Rate* began to decrease in the first 6 months.

	2016	2017	2018
Number of Providers	2,143	10,000+	15,000+
Number of Patient Visits	3M +	15M +	25M +
Number of ED Engaged	70	800+	1200+
Number of EMR/EDIS	14	14	14
Performance Measures	42	42	46



Based on the national total Medicare billing (\$140,000) for a site with an average of 10,000 Medicare visits per annum.

CMS Improvement Activities



- Quality
- Clinical Practice Improvement Activities
- Resource Use
- Advancing Care Information

Learning Collaborative	Number of EDs Earning IA Credits	Total Earned IA Credits
Sepsis	254	1123
Avoidable Imaging	150	609
Chest Pain	31	126

www.acep.org/equal

www.acep.org/cedr

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