

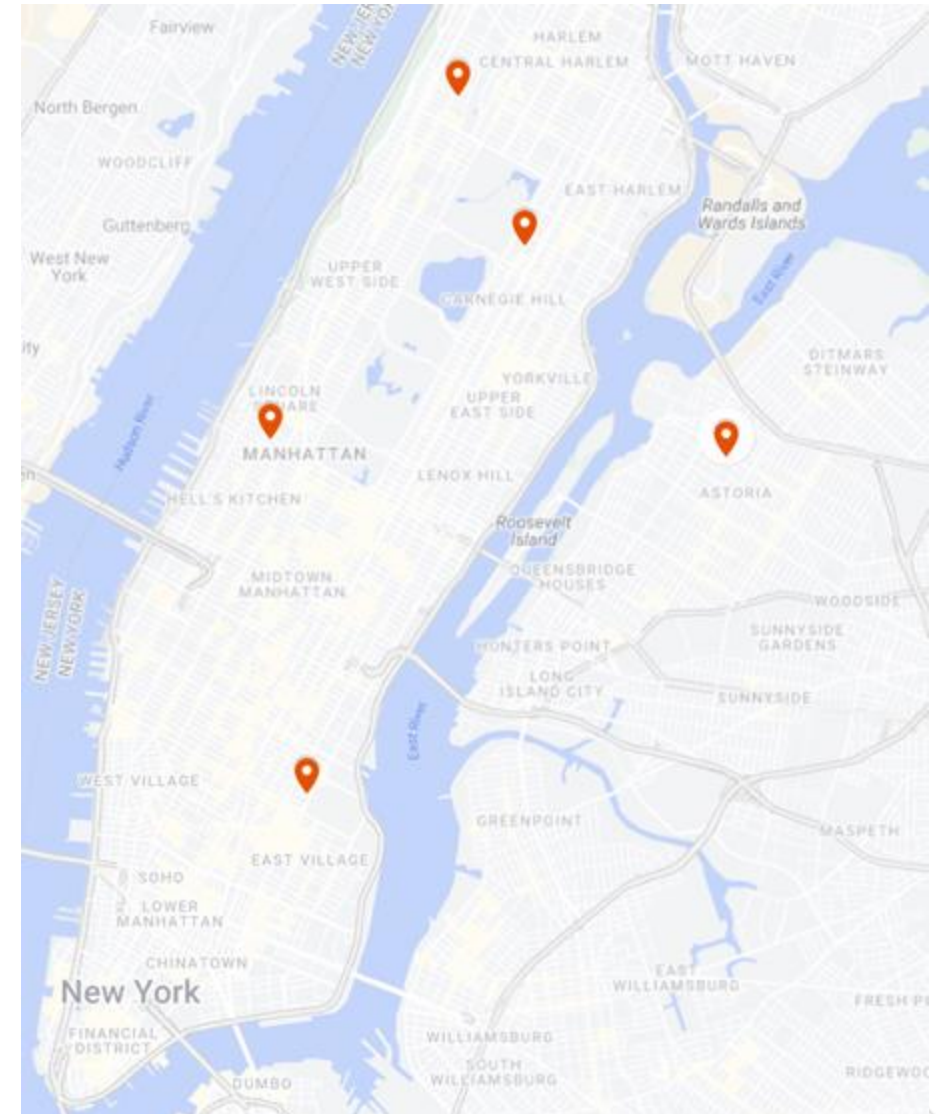
# A Unique Approach to Patient Identification for a Hospital at Home Service

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# Barrier to Growth: Patient Identification/Screening

- Mount Sinai at Home admitting team:
  - 1-2 dedicated clinicians (physician/PA)
  - 1-3 RNs
- Screening across Mount Sinai Health System
  - 5 hospitals in Manhattan/Queens
- Early efforts relied on HaH team finding patients
  - ~1/20 patients reviewed identified as potential candidate



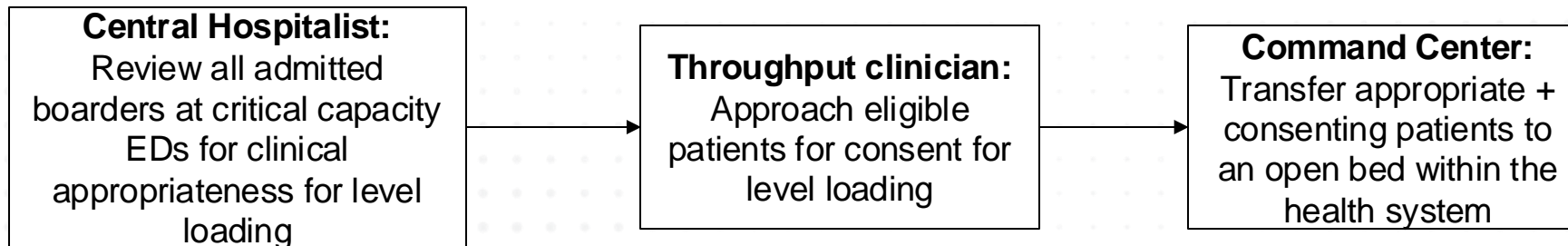
# Identifying High Priority Patients

- Utilized AI to analyze live EMR data for real-time insights
  - Discrete data (demographics, location, vitals, lab results, orders, etc.)
  - Non-discrete data (clinical notes, SW notes, etc.)
- Developed programmatic algorithm to generate a priority-scored list of patients
- Criteria considered included:
  - Preferred diagnoses
  - Preferred treatment team
  - Specific medications ordered
  - Prior HaH admission
- Generated ranked list of patients across the health system that we can filter by hospital or by floor/ED



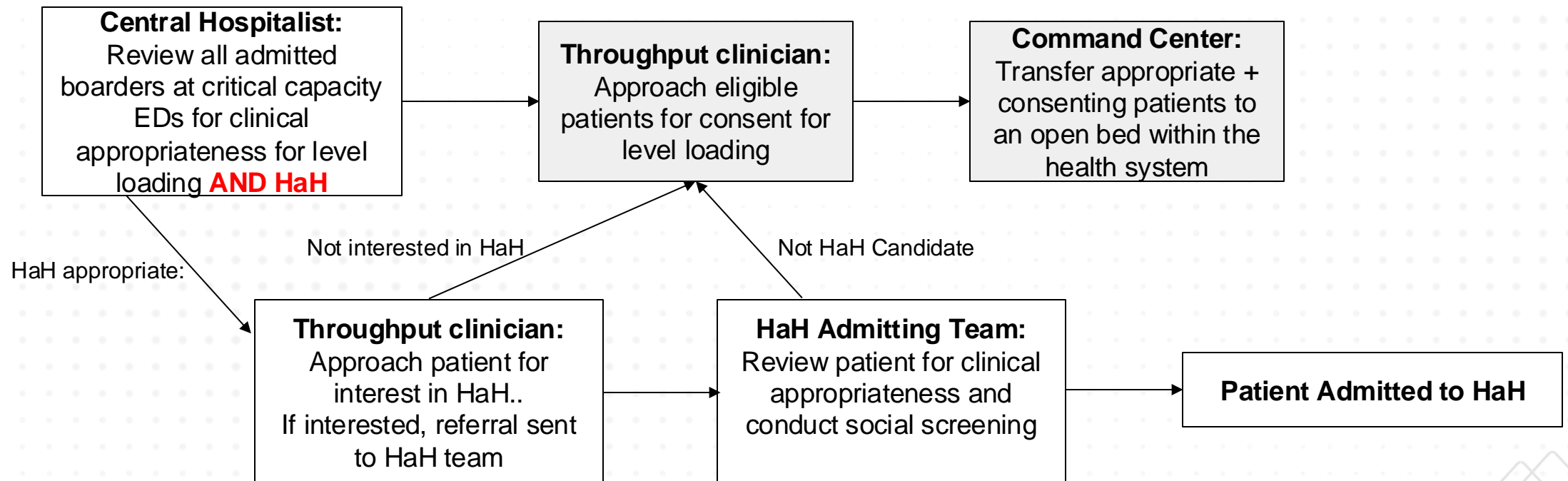
# Existing Health System Resources

- Central Hospitalist role created by Mount Sinai Health System:
  - Main responsibilities including reviewing and facilitating transfers across health system
  - Reviews all admitted patients boarding in ED at hospitals over capacity for transfer
  - Operates on similar software platform as HaH patient identification module
- ED Throughput clinician approaches patients identified by Central Hospitalist for transfer to an available inpatient bed across the system

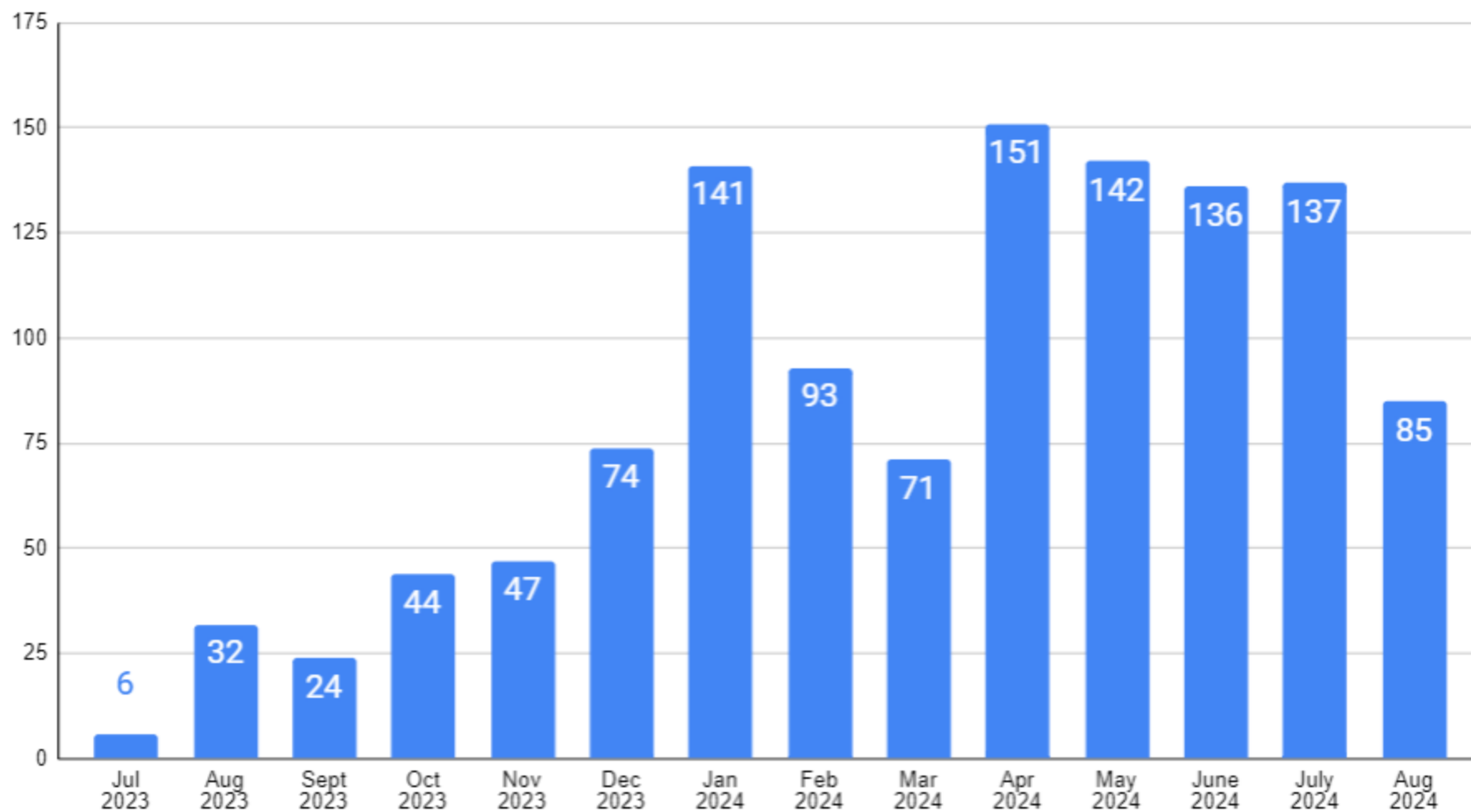


# Leveraging Existing Health System Resources

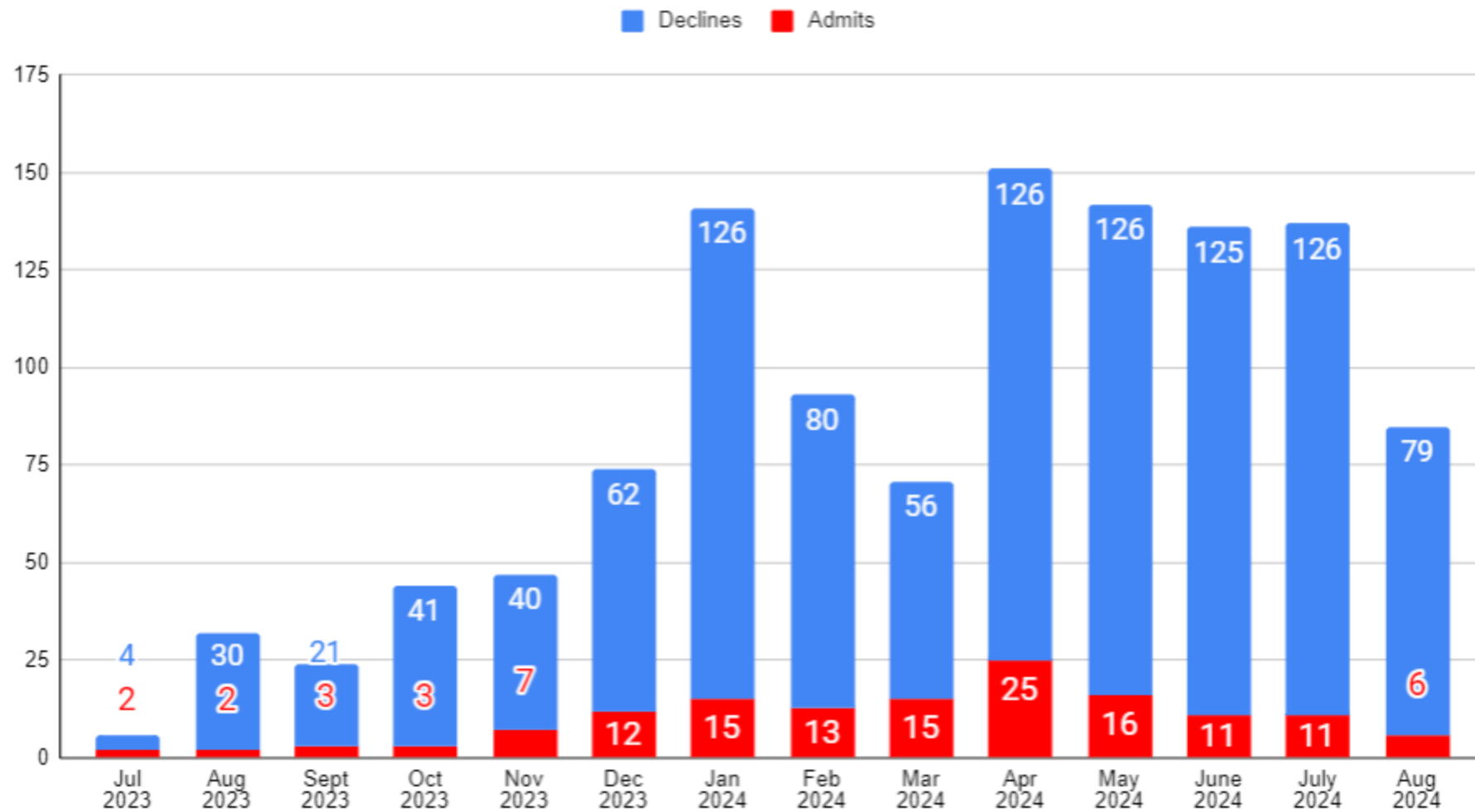
- Central Hospitalist role created by Mount Sinai Health System:
  - Reviews all admitted patients boarding in ED at hospitals over capacity for transfer **AND for Hospital at Home transfer**
- ED Throughput clinician approaches patients identified by Central Hospitalist **first for transfer to HaH and, if not, then for transfer to an available inpatient bed across the system**



## Total Referrals by Central Hospitalist by Month

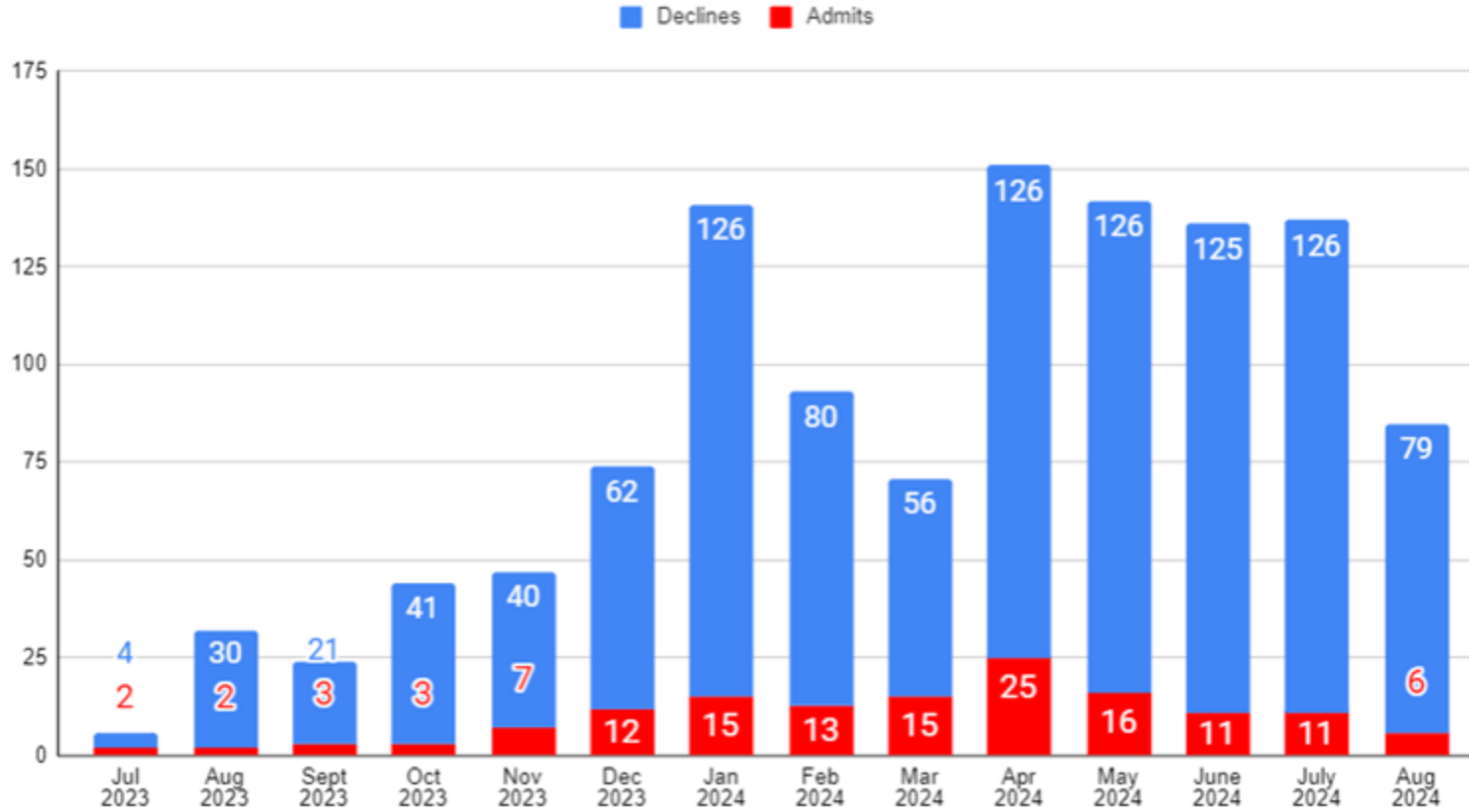


## Total Referrals and Admissions by Central Hospitalist by Month





## Total Referrals and Admissions by Central Hospitalist by Month



988 total CH referrals since Jan 2024

- 27% Other (demographic, social, etc.)
- 24% IP provider deferred/discharged
- 21% clinically inappropriate
- 17% patient declined
- **11% (112) admitted**





Thank you!



Home-based care is patient-centered care.

