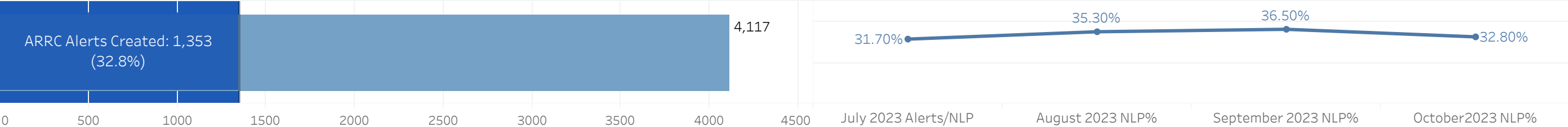# ARRC Monthly Data (Non-Breast): October 2023

Intended Audience: Radiology Leadership | Data Through: 10/31/23 | Dashboard Refresh: Monthly
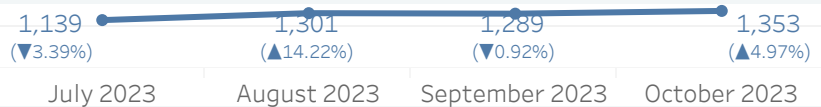
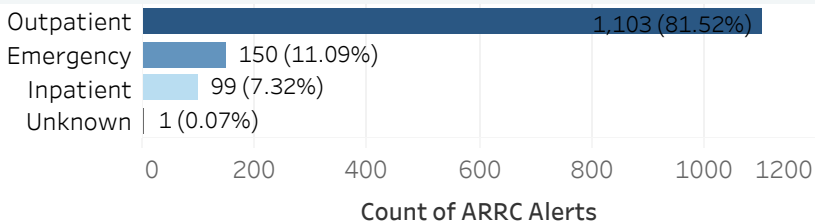## Count of Reports with Recommended Additional Imaging (RAI) Identified by AI

ARRC Alerts Created: 1,353 (32.8%)

4,117

| July 2023 Alerts/NLP | August 2023 NLP% | September 2023 NLP% | October2023 NLP% |
|---|---|---|---|
| 31.70% | 35.30% | 36.50% | 32.80% |

## ARRC MONTHLY DATA

### Current Month Count of ARRC Alerts Created

**1,353** ▲4.97%

| July 2023 | August 2023 | September 2023 | October 2023 |
|---|---|---|---|
| 1,139 (▼3.39%) | 1,301 (▲14.22%) | 1,289 (▼0.92%) | 1,353 (▲4.97%) |

#### Current Month Alerts Created (by Care Setting) n=1,353

- Outpatient: 1,103 (81.52%)
- Emergency: 150 (11.09%)
- Inpatient: 99 (7.32%)
- Unknown: 1 (0.07%)

Count of ARRC Alerts

### Current Month Count of ARRC Alerts Acknowledged

**1,365** ▼2.57%
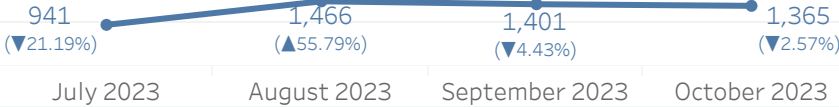
| July 2023 | August 2023 | September 2023 | October 2023 |
|---|---|---|---|
| 941 (▼21.19%) | 1,466 (▲55.79%) | 1,401 (▼4.43%) | 1,365 (▼2.57%) |

#### Current Month Alerts Acknowledged (by Specialty - Top 5) n=1,365

- Unknown: 544 (44.55%)
- Internal Medicine: 228 (18.67%)
- Oncology: 136 (11.14%)
- Physician Assistant: 47 (3.85%)
- Surgery

Count of ARRC Alerts

### Current Month Count of ARRC Alerts Resolved

**1,387** ▲1.17%
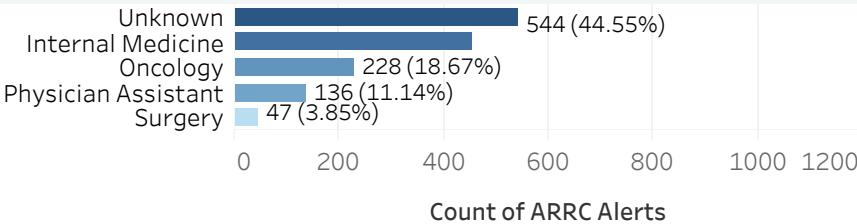
| July 2023 | August 2023 | September 2023 | October 2023 |
|---|---|---|---|
| 1,030 (▼12.19%) | 1,398 (▲35.73%) | 1,371 (▼1.93%) | 1,387 (▲1.17%) |

#### Current Month Alerts Resolved (Loop Closed) n=1,387

- Performed at MGB: 729 (52.56%)
- FU No Longer Necessary: 292 (21.05%)
- SafetyNet Communicated ..
- Ordering Provider Commu..: 49 (3.53%)
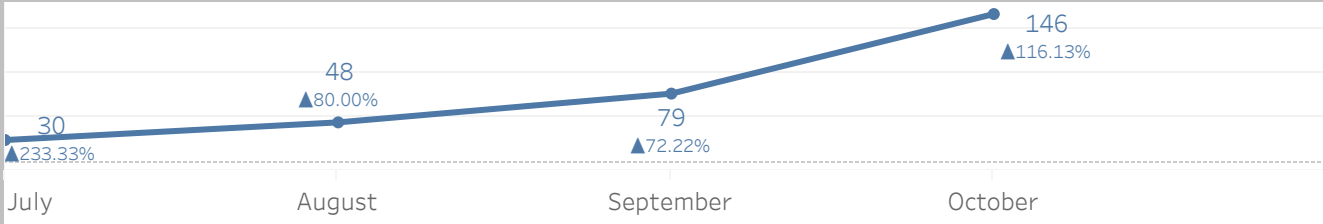- Patient Declined

Count of ARRC Alerts
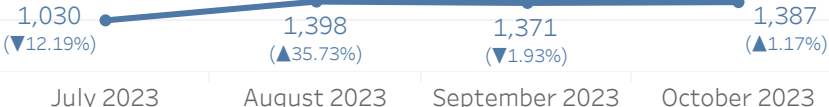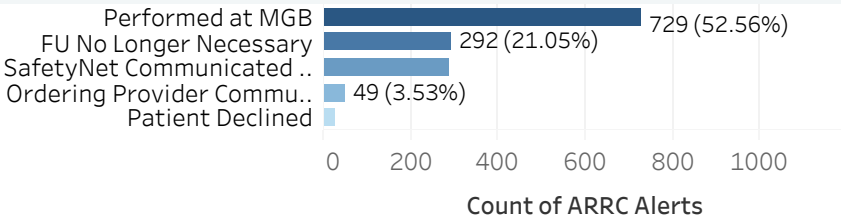
## OVERDUE ARRC CUMULATIVE DATA

### Pending Clinical Acknowledgement n=241 | Overdue n=0/241 (0%)

241 (100.0%)

Count of ARRC Alerts

| July | August | September | October |
|---|---|---|---|
| 1 | 3 | 9 | 0 |
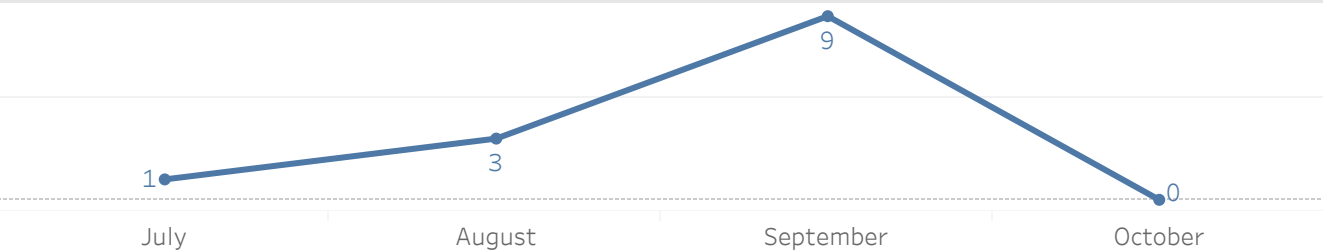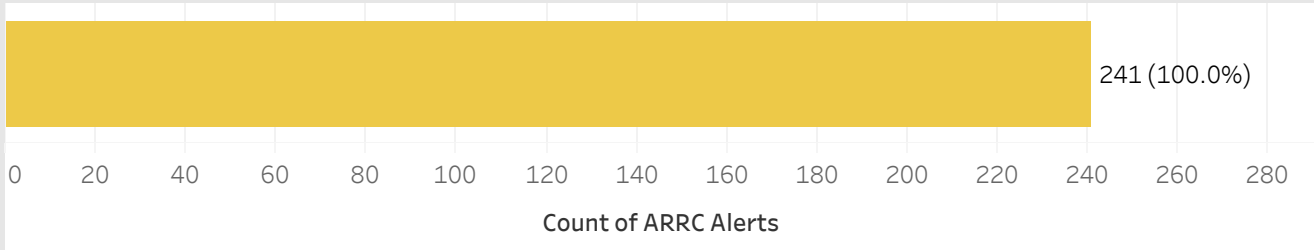
### Pending Clinically Necessary Recommended Additional Imaging n=3,151 | Overdue n=146/3,151 (4.63%)

3,005 (95.37%)   146 (4.63%)

Count of ARRC Alerts

| July | August | September | October |
|---|---|---|---|
| 30 (▲233.33%) | 48 (▲80.00%) | 79 (▲72.22%) | 146 (▲116.13%) |
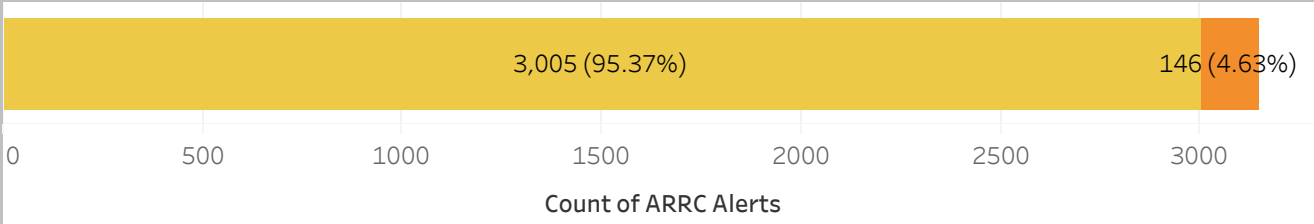
### Overdue Clinically Necessary Recommended Additional Imaging (by Care Setting) Overdue n=146/3,151 (4.63%)

- Outpatient: 130 (89.04%)
- Emergency: 12 (8.22%)
- Inpatient: 2 (1.37%)
- Unknown: 2 (1.37%)

Count of ARRC Alerts
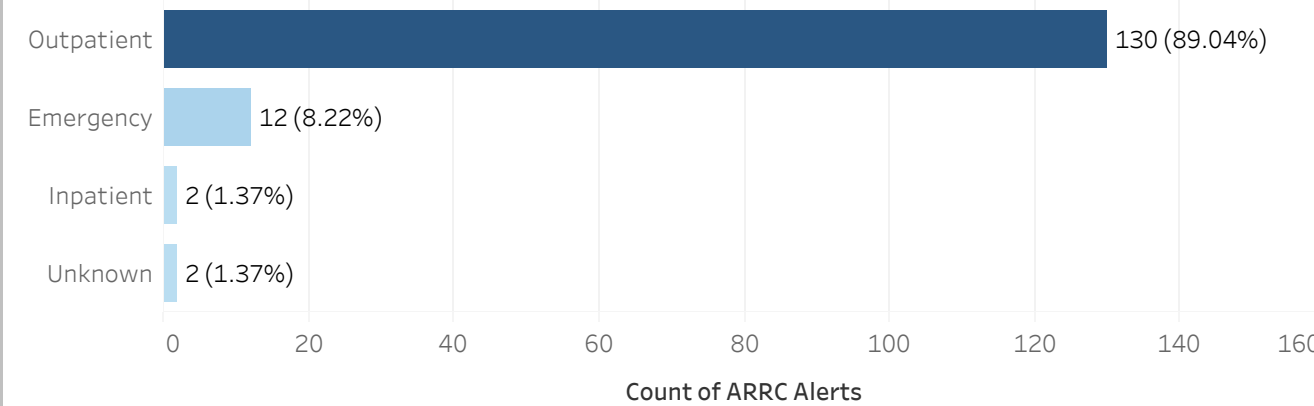
### Overdue Clinically Necessary Recommended Additional Imaging (by Site) n=146/3,252 (4.63%)

- BWH: 74 (50.68%)
- DF: 42 (28.77%)
- Other: 19 (13.01%)
- MGH: 5 (3.42%)
- NWH: 4 (2.74%)
- BWF: 2 (1.37%)

Count of ARRC Alerts
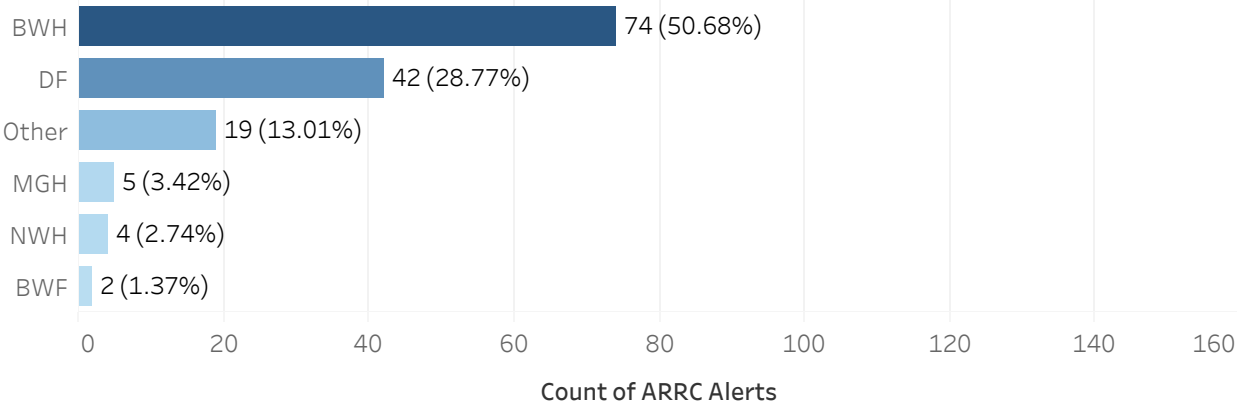
This dashboard summarizes both monthly and cumulative ARRC Alert data and is updated monthly.

Displayed initially is the number of radiology reports (for the month) where AI determined follow-up was recommended and what percent of those reports are associated with an ARRC Alert.

ARRC Alerts Created: 33.7% (n=1,329) — 3,932

Count of Reports with RAI Identified by AI
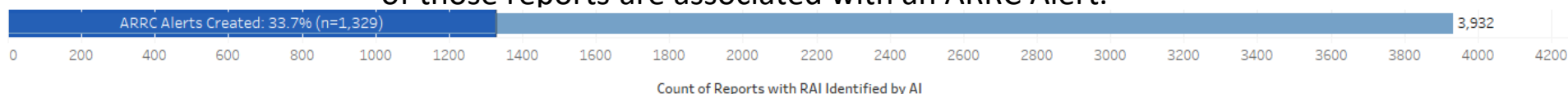
The top blue portion of the dashboard displays the current month's count of alerts created, alerts acknowledged, and alerts resolved (loop closed), along with trends for each of the metrics over the past 4 months.

**ARRC MONTHLY DATA**

Current Month Count of ARRC Alerts Created
1,329 ▲7.35%
▲34.24% ▼10.29% ▲7.35%
February 2023   March 2023   April 2023   May 2023

Current Month Count of ARRC Alerts Acknowledged
1,260 ▲8.06%
▲34.87% ▼13.37% ▲8.06%
February 2023   March 2023   April 2023   May 2023

Current Month Count of ARRC Alerts Resolved
1,336 ▲25.45%
▲24.25% ▼11.18% ▲25.45%
February 2023   March 2023   April 2023   May 2023

Current Month Alerts Created (by Care Setting) n=1,329
Outpatient — 82.69% (n=1,099)
Emergency — 12.42% (n=165)
Inpatient — 4.89% (n=65)
Count of ARRC Alerts

Current Month Alerts Acknowledged (by Specialty - Top 5) n=1,260
Unknown — 44.74% (n=502)
Internal Medicine
Oncology
Physician Assistant
Surgery
Count of ARRC Alerts

Current Month Alerts Resolved (Loop Closed) n=1,336
Performed at MGB
FU No Longer Necessary
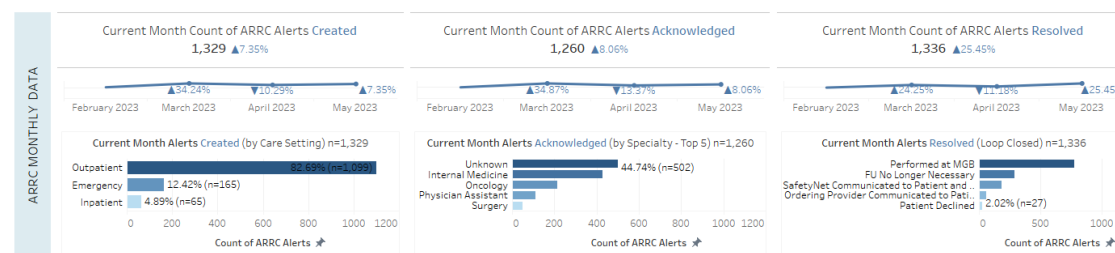SafetyNet Communicated to Patient and ...
Ordering Provider Communicated to Pati...
Patient Declined — 2.02% (n=27)
Count of ARRC Alerts

Along the lower orange portion of the dashboard, you will find key metrics to identify the recommendations that are yet to be brought to resolution (open loops) in order to address resolving these recommendations collaboratively.

**OVERDUE ARRC CUMULATIVE DATA**

Overdue for Clinician Acknowledgement (by Specialty - Top 5) n=6
Unknown — 83.33% (n=5)
Internal Medicine — 16.67% (n=1)
Count of ARRC Alerts

Overdue for Clinician Acknowledgement (by Specialty - Top 5) n=6
BWH — 66.67% (n=4)
BWF — 16.67% (n=1)
DF
Count of ARRC Alerts

Overdue Clinically Necessary Recommended Additional Imaging (by Care Setting) n=114
Outpatient — 84.21% (n=96)
Emergency — 11.40% (n=13)
Inpatient — 2.63% (n=3)
Unknown — 1.75% (n=2)
Count of RAI

Overdue Clinically Necessary Recommended Additional Imaging (by Site) n=114
BWH — 58.77% (n=67)
DF — 21.93% (n=25)
NWH — 7.89% (n=9)
Other — 6.14% (n=7)
BWF — 3.51% (n=4)
MGH — 1.75% (n=2)
Count of RAI