

Decennial Field Quality Monitoring

Overview and Update: 08/25/20

CIG Meeting

Presented by: Nick von Stein

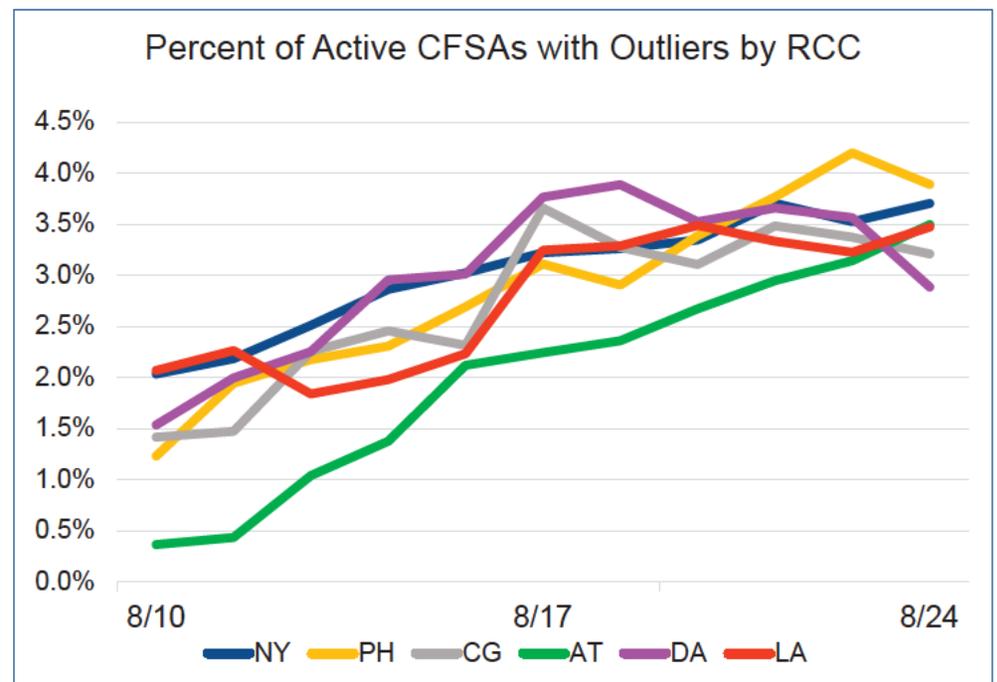
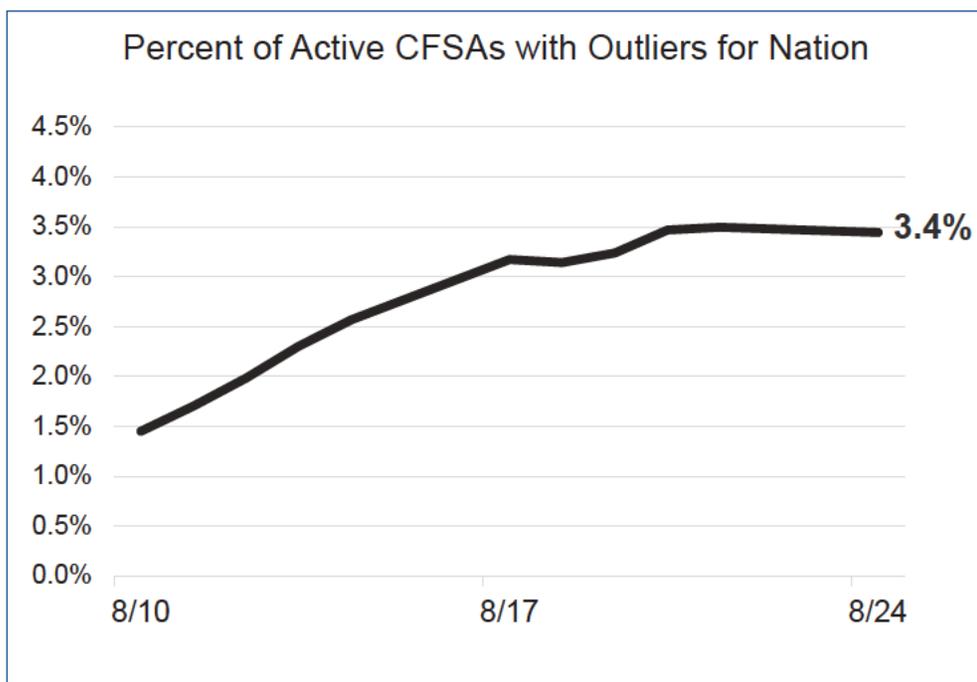
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DFQM Metrics Dashboard: Outliers by RCC

| RCC | Total Outliers | # ACOs w/ Outlier(s) | # of CFSAs w/ Outlier(s) | CFSAs with Field Resolved Cases | % CFSAs w/ Outlier(s) |
|---------------|----------------|----------------------|--------------------------|---------------------------------|-----------------------|
| NY | 85 | 41 | 82 | 2,215 | 3.7% |
| PH | 86 | 34 | 80 | 2,057 | 3.9% |
| CG | 67 | 26 | 59 | 1,839 | 3.2% |
| AT | 105 | 38 | 88 | 2,518 | 3.5% |
| DA | 70 | 32 | 64 | 2,219 | 2.9% |
| LA | 71 | 38 | 68 | 1,959 | 3.5% |
| Nation | 484 | 209 | 441 | 12,807 | 3.4% |

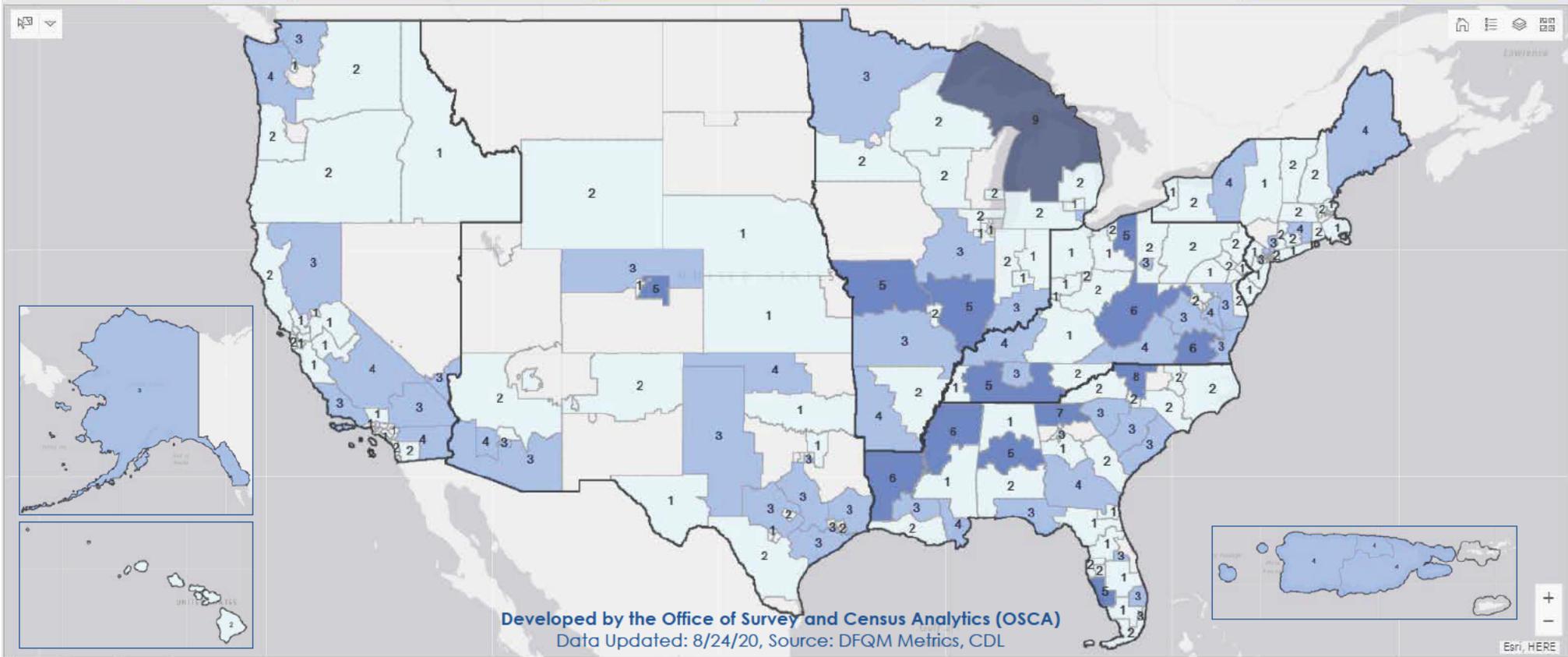
CFSAs with Outliers



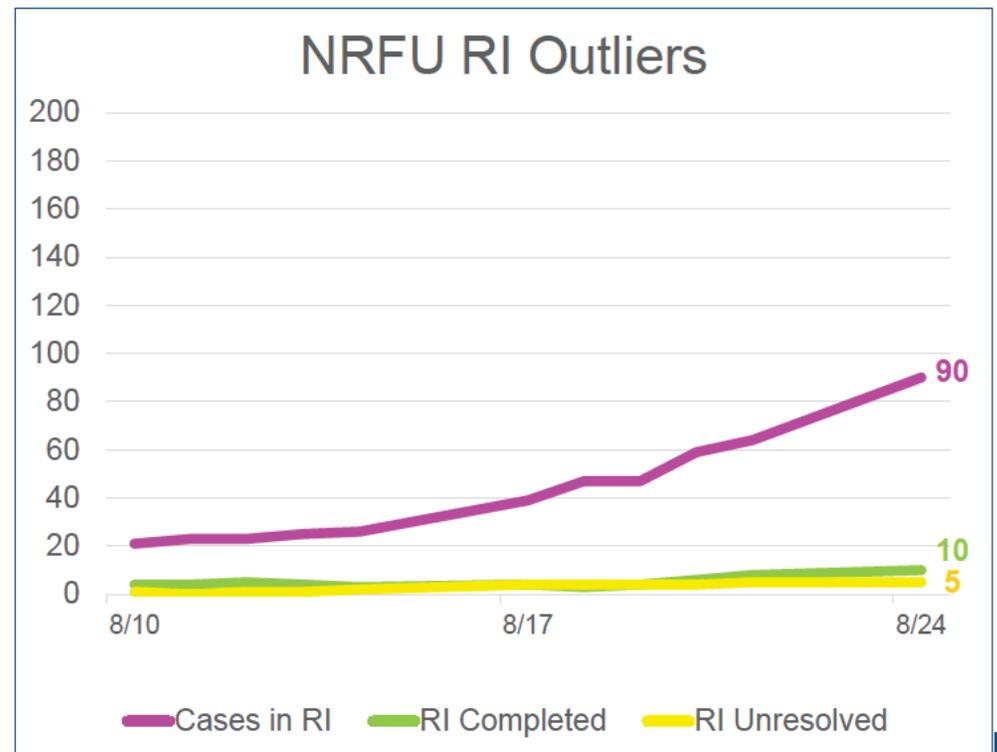
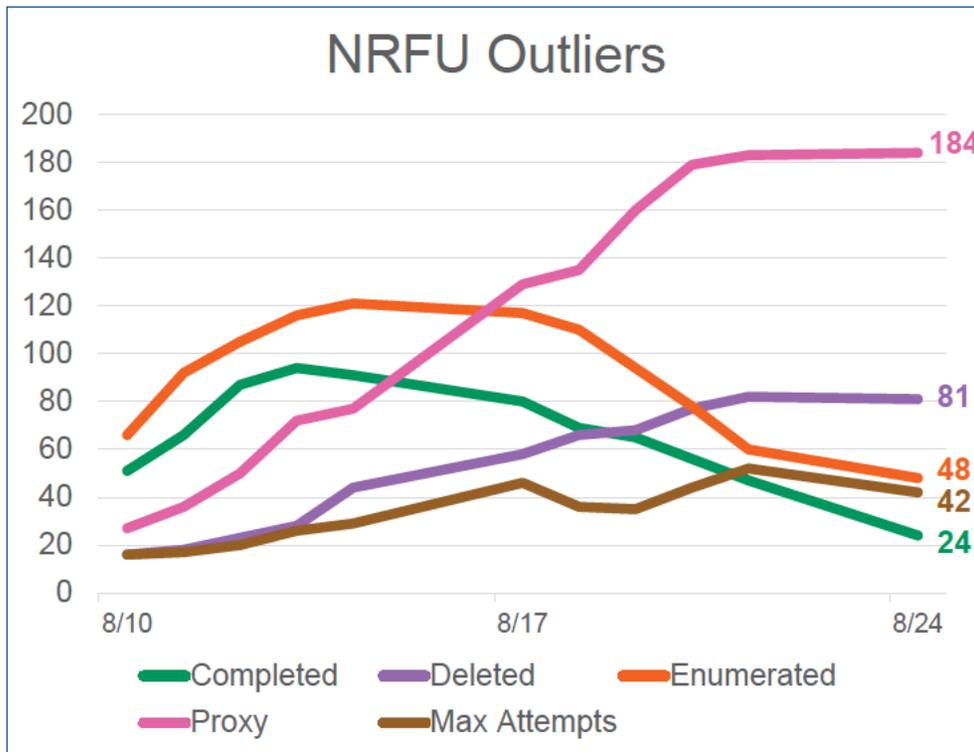
Total Outliers by ACO

Pre-decisional – Internal Use Only – Not for Public Distribution

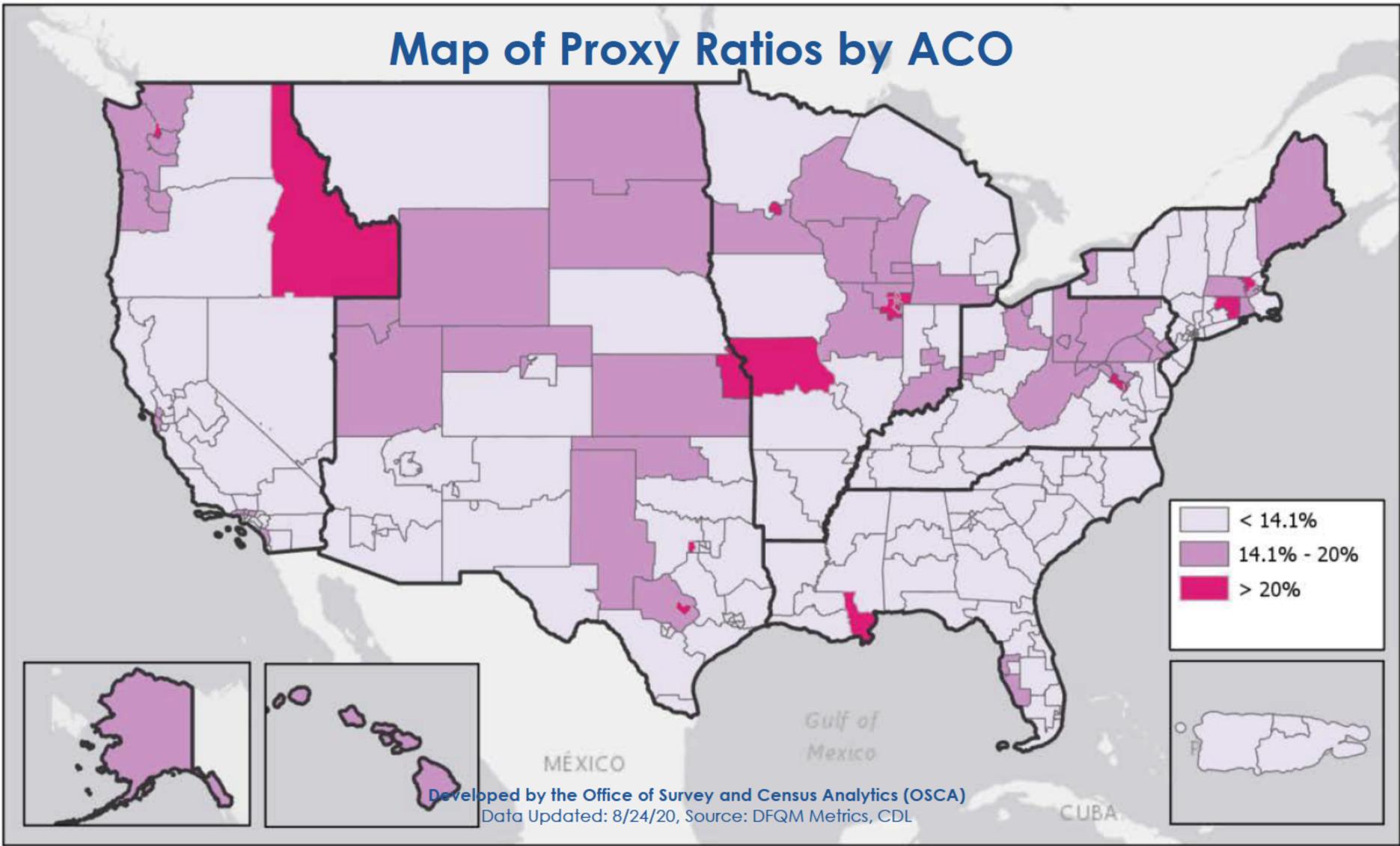
| | | | | | | | | | |
|-----------|---------------------------|------------------------|----------------------|-------------------------|---------------------|---------------------------|--------------------------|---------------------------|---------------------------|
| Selection | Total CFSAs 441 | Completed 24 | Deleted 81 | Enumerated 48 | Proxy 184 | Max Attempts 42 | Cases in RI 90 | RI Completed 10 | RI Unresolved 5 |
|-----------|---------------------------|------------------------|----------------------|-------------------------|---------------------|---------------------------|--------------------------|---------------------------|---------------------------|



NRFU & NRFU RI Outliers



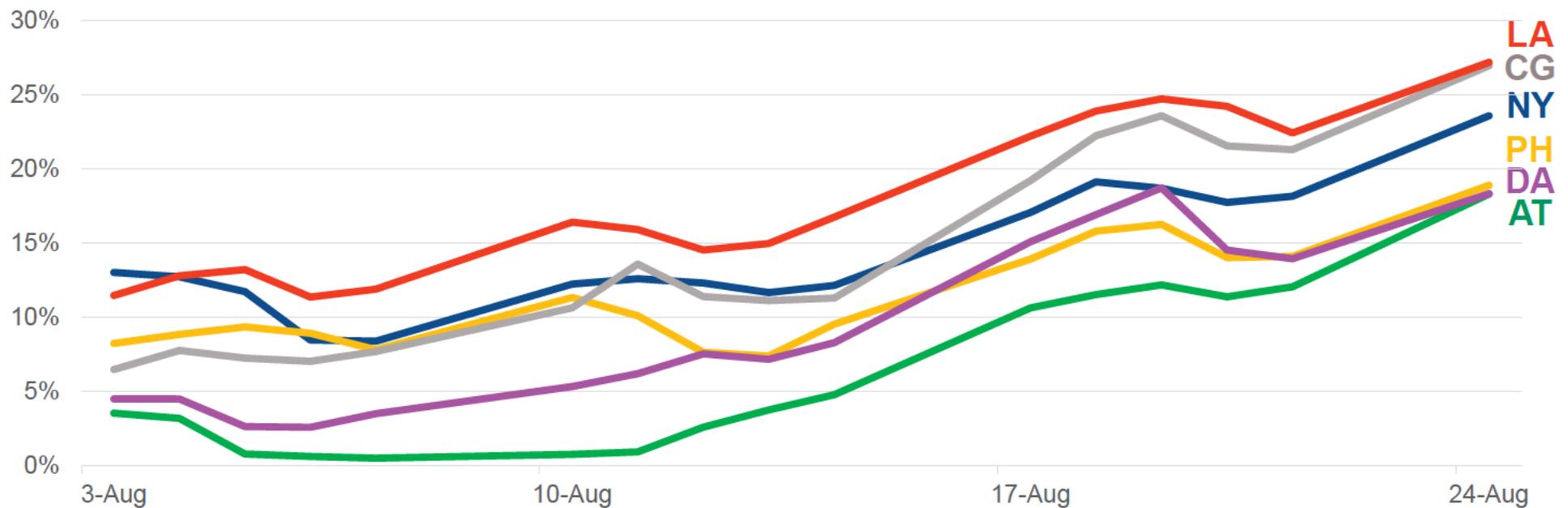
Map of Proxy Ratios by ACO



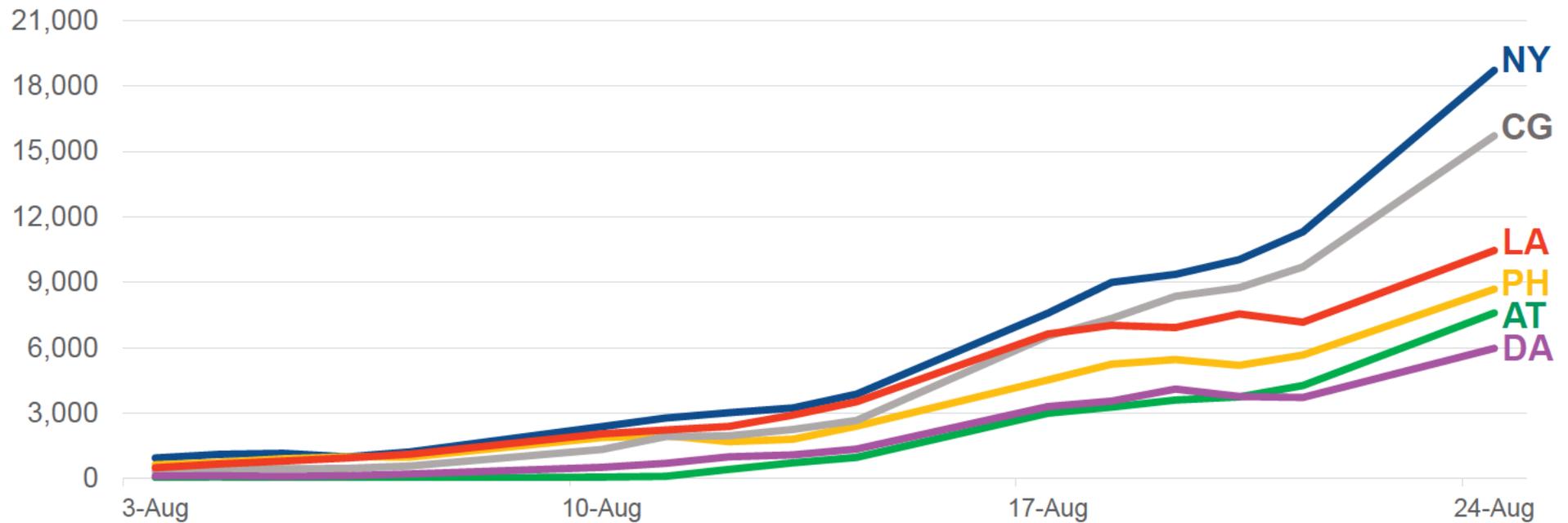
DFQM Outlier Tracking

| RCC | ACOs w/ Outlier(s) | Total Issues in Tracker | Open | % Open | Closed | % Closed |
|---------------|-----------------------|----------------------------|-----------|------------|-----------|------------|
| NY | 41 | 16 | 5 | 31% | 11 | 69% |
| PH | 34 | 27 | 27 | 100% | 0 | 0% |
| CH | 26 | 17 | 15 | 88% | 2 | 12% |
| AT | 38 | 27 | 23 | 85% | 4 | 15% |
| DA | 32 | 12 | 8 | 67% | 4 | 23% |
| LA | 38 | 30 | 12 | 40% | 18 | 60% |
| Nation | 209 | 129 | 90 | 70% | 39 | 30% |

% Open State Alerts of Total Open Alerts by RCC



Open State Alerts by RCC



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Developed by the Office of Survey and Census Analytics (OSCA)
Data Updated: 8/24/20, Source: MOJO Hermes

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Assessments and Observations

| | Failed Assessment | Working without an Observation | % Working Without an Observation | Observation Result in LMS | % Observation Result in LMS | Observation Forms Received | % Observation Forms Received |
|------------------|-------------------|--------------------------------|----------------------------------|---------------------------|-----------------------------|----------------------------|------------------------------|
| Nation | 36,046 | 7,217 | 20.0% | 13,216 | 36.7% | 8,459 | 64.0% |
| Change from 8/17 | +10,657 | -1,890 | -15.0% | +6,399 | +9.8% | +4,763 | +9.8% |

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Developed by the Office of Survey and Census Analytics (OSCA)
Data Updated: 8/24/20, Source: LMS, CDL & RCCs

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Actions Taken

- **Communications on the 10:30am FLD call**
- **Group observations option**
- **Deactivating those working without observation**
- **Spot checking of the Observation Forms**
- **Recommendations for Supplemental RI**

Actions Needed

- **Communication and resolutions from the field**
- **Observations completed and observations forms uploaded**

Questions?

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DFQM NRFU Production & NRFU RI Outlier Metrics

| Metric Name | Calculation | Why this metric? |
|--|---|---|
| NRFU Completed Ratio | $\frac{\text{Total Complete}}{\text{NRFU Current Followup Wkld}}$ | Measures progress in completing assigned NRFU workload |
| NRFU Deleted Ratio | $\frac{\text{Deleted Units}}{\text{Field Closed}}$ | May indicate enumerators deleting cases rather than working them in order to save time |
| NRFU Enumerated Ratio | $\frac{\text{Total Enumerated}}{\text{NRFU Current Followup Wkld}}$ | Measures progress in conducting an enumeration from assigned NRFU workload |
| NRFU Enumerated via Proxy Ratio | $\frac{\text{Enumerated via Proxy}}{\text{Total Enumerated}}$ | Enumerators may act as proxy themselves, go to proxy too soon, or not use proxies when prompted. Proxy interviews may also be less reliable than HH enumerations. RTAD asked us to track this |
| Max Attempts Reached w/ Minimal Data Ratio | $\frac{\text{Max Att. Reached With Minimal Data}}{\text{Field Closed}}$ | Enumerators may be going to close out procedures too quickly or not asking all survey questions |
| NRFU RI Cases in Reinterview Ratio | $\frac{\text{RI Current Followup Wkld}}{\text{NRFU Current Followup Wkld}}$ | May indicate insufficient quality checks |
| NRFU RI Completed Ratio | $\frac{\text{RI Complete}}{\text{RI Current Followup Wkld}}$ | Measures progress in completing assigned NRFU RI workload |
| NRFU RI Unresolved Ratio | $\frac{\text{\# Unresolved RI cases}}{\text{Total Complete in Reint}}$ | RI cases that cannot be resolved cannot be used to verify original interviews, decreasing the efficacy of the RI operation, and reducing the ability to quality check |