

Vaccination Station

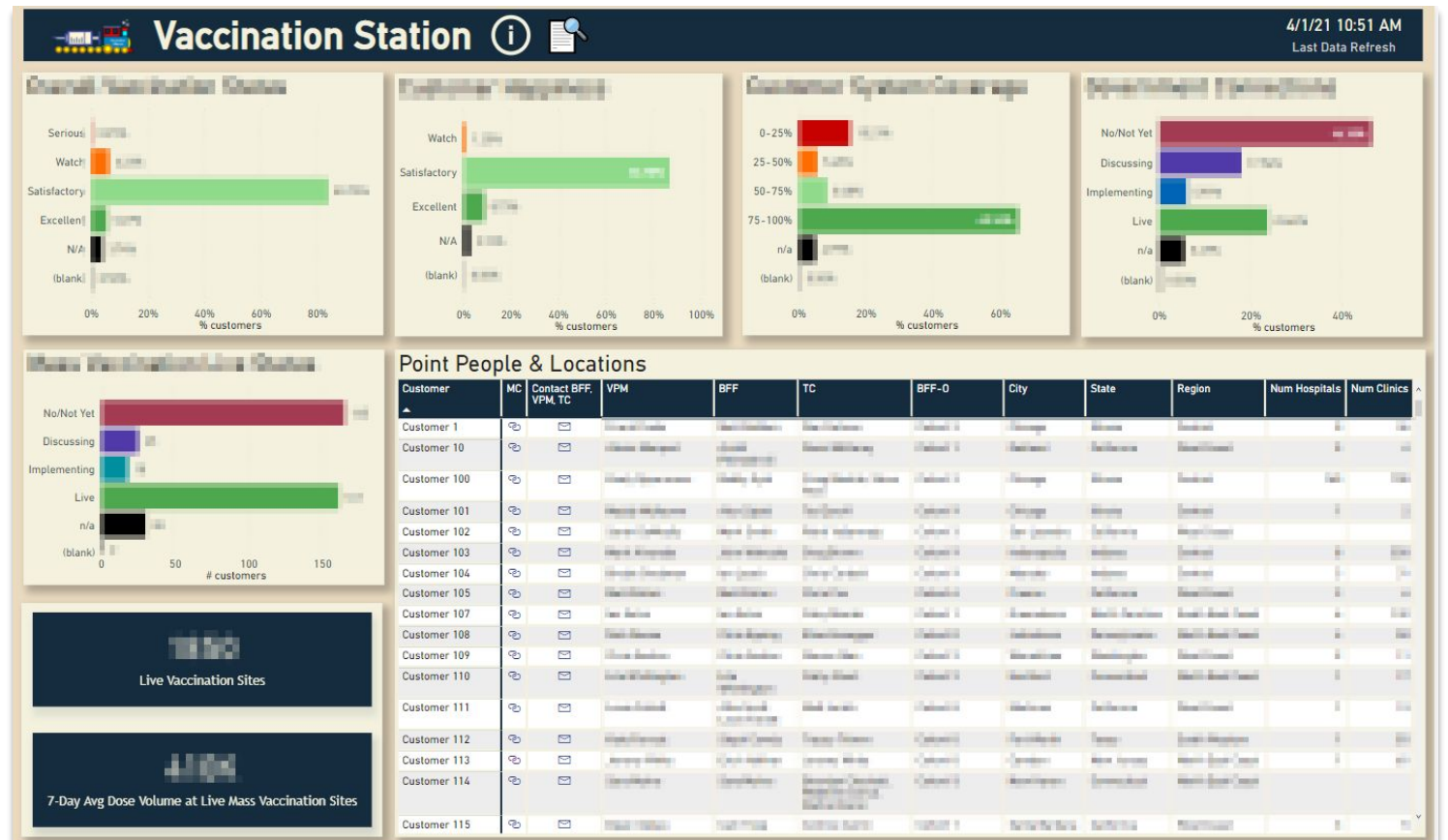
Power BI dashboard for tracking key initiatives related to Epic's goal to help customers reach herd immunity targets for COVID-19 vaccinations.

Combines project tracking, feature adoption, build, and vaccine administration data into one self-service tool.

Data Anonymized & Blurred For Confidentiality


Snapshot

- Project managers at Epic complete a weekly assessment to address key customer concerns related to COVID-19 vaccinations using an internal survey tool.
- Key questions are summarized on the landing page of the dashboard to serve as leading indicators for customer success and escalation.
- You can interactively filter out the customer list based on visualization categories or using a filter panel.
- The customer details table includes a link to email key contacts for the customer





Snapshot Comment Browser


- Not all snapshot questions are featured on the main page of the dashboard. To study answers and comments for all questions, you can navigate to the comment browser available as a link in the header
- Note: Mission Control is an internal survey portal




Vaccination Station

Browse Mission Control Comments
























Filter Comments & Next Steps



Vaccination Snapshot Prompts

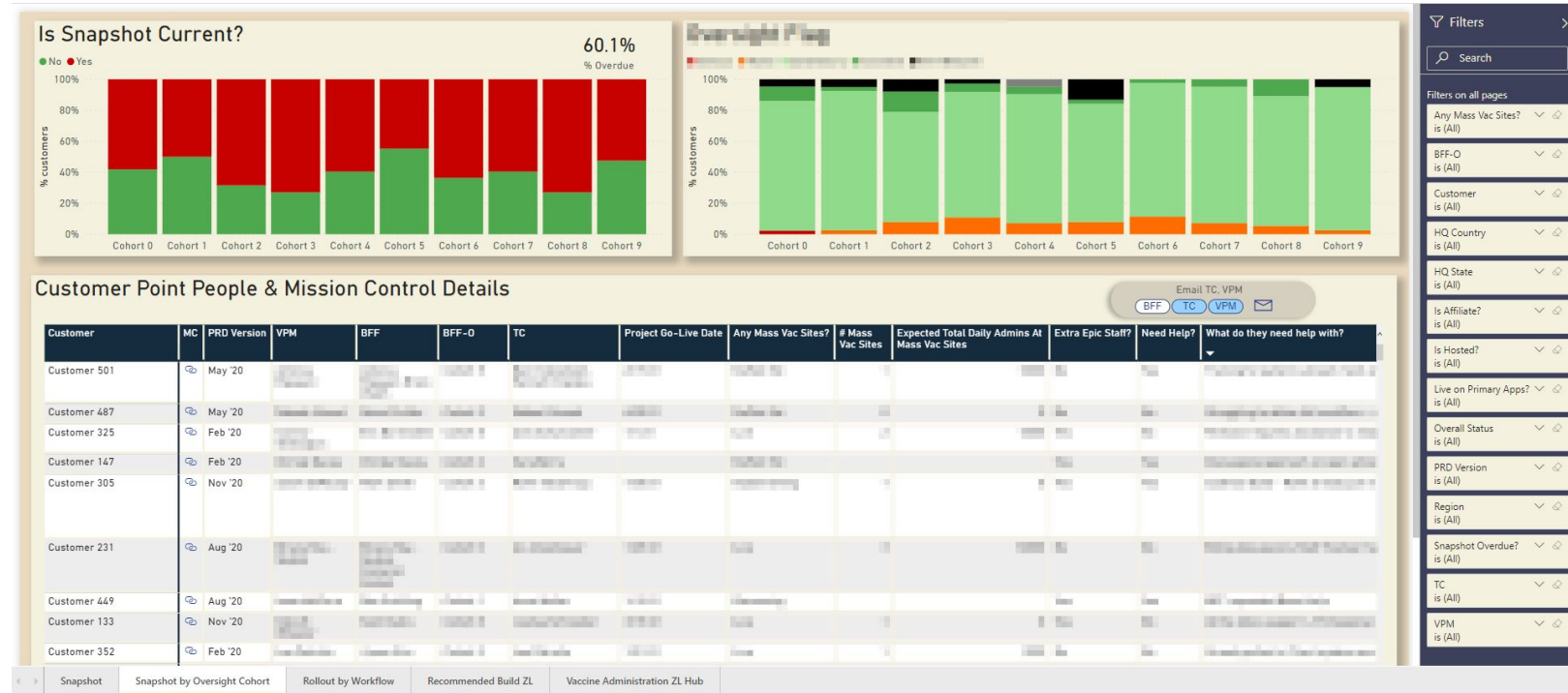
☐ General
 ☐ Vaccination Scope
 ☐ Key Strategic Areas
 ☐ Rollout Status by Workflow
 ☐ State-Specific Questions
 ☐ Key Customer Customers

Snapshot Answers & Comments

Customer	MC	Prompt	Prompt Response	Comment or Next Steps	Edited By	Last Edited
Customer 1		General Status	Information		Agent Name	01-01-2020
Customer 1		How many vaccine doses are currently in stock?	Information		Agent Name	01-01-2020
Customer 1		How many vaccine doses are currently in stock?	Information		Agent Name	01-01-2020
Customer 1		How many vaccine doses are currently in stock?	Information		Agent Name	01-01-2020
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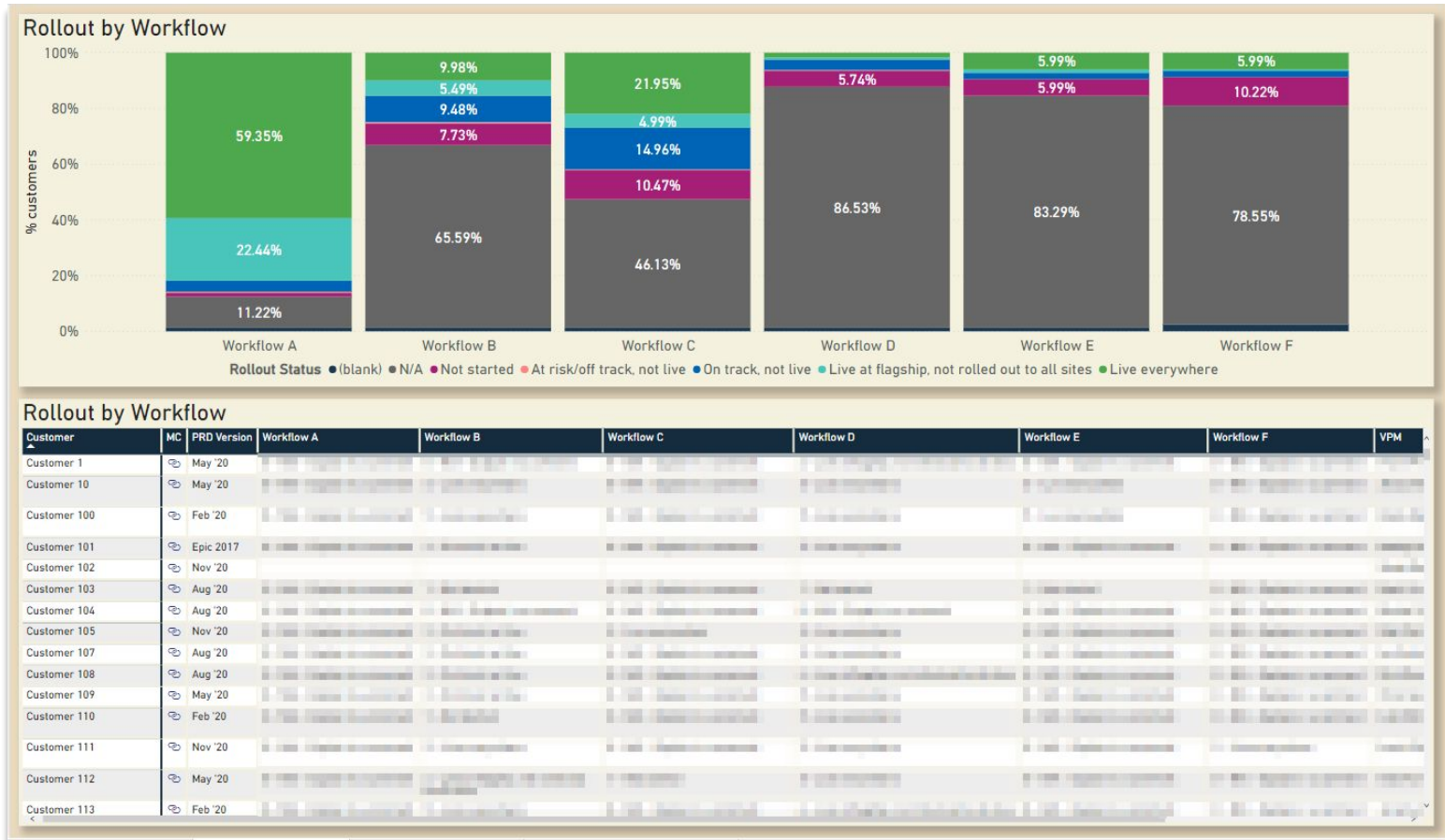
Snapshot by Oversight Cohort

- Epic's customers are subdivided into cohorts so that customer account executives can monitor groups of customers, follow-up up with customer teams and ensure customer success.
- You can select customer roles so that you can generate a bulk email to all people with a specific role in your selected cohort of customers



Rollout by Workflow

- Customers need to prepare certain build based on the different workflows they could be using to coordinate vaccination efforts.
- This page shows you the spread of customers by workflow implementation status across workflows and the ability to see line-level detail.



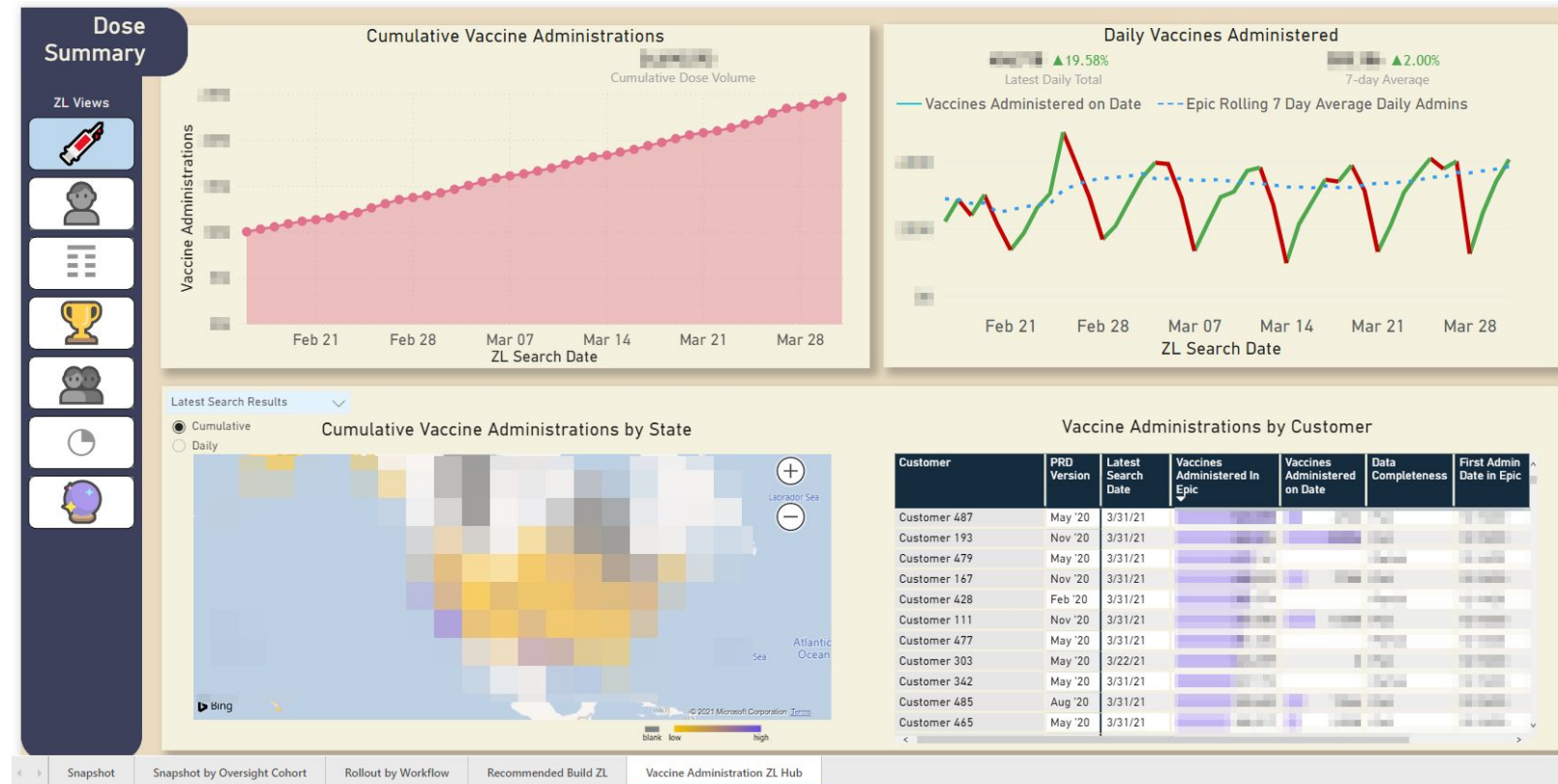
Recommended Build Summary

- Set up an ad-hoc data collection pipeline to customer systems to determine if certain key features were turned on, since we believe these features could optimize customer vaccination workflows
- Since this is an ad-hoc data process, we included a data completion visual to indicate who isn't sending data
- 2 key features are highlighted by volumes associated with their use as this could indicate success and who may need help with server resources



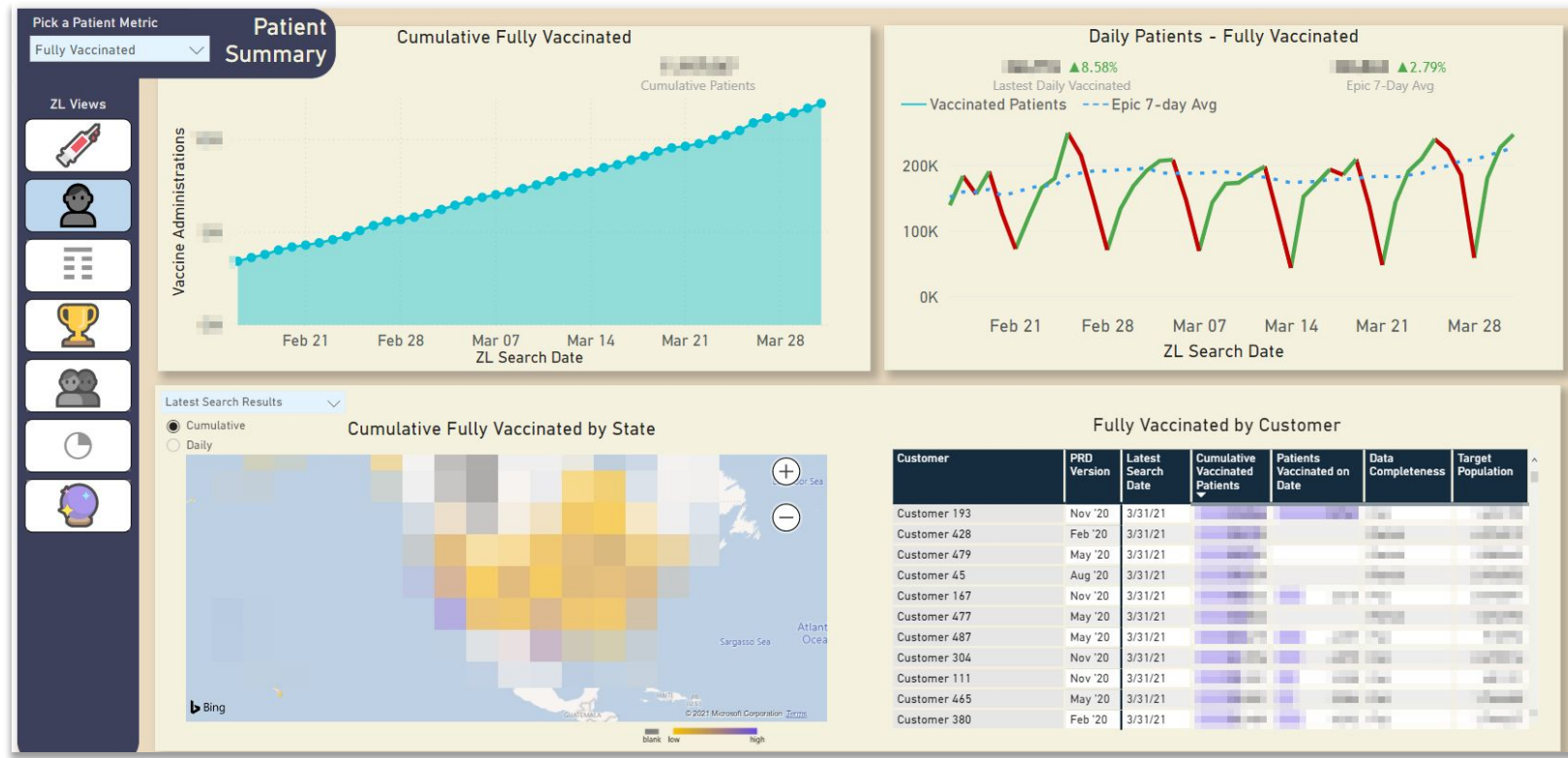
Vaccine Administration Hub - Doses

- Track cumulative and daily vaccine administrations as documented in customer Epic systems
- Visualize the data on a map and by customer to identify key trends. Can change these visuals to a previous search date.
- Data collected via ad-hoc pipeline



Vaccine Administration Hub - Patients

- Track cumulative and daily patients who are vaccinated as documented in customer Epic systems
- Toggle between different patient metrics like Fully Vaccinated and Patients with at least 1 dose
- Visualize the data on a map and by customer to identify key trends. Can change these visuals to a previous search date.



Vaccine Administration Hub - Details

- Details table that allows you to filter by search date and view all overall administration metrics for each customer

Search Date
Latest Search Results

Vaccine Admin Details By Customer for Mar 31, 2021

ZL Views

14%
% Target Pop. Fully Vaccinated

1,193,047
Fully Vaccinated Patients

1,000,000
Patients with at least one dose

2,400,000
Vaccines Administered In Epic

22
Partial Submissions

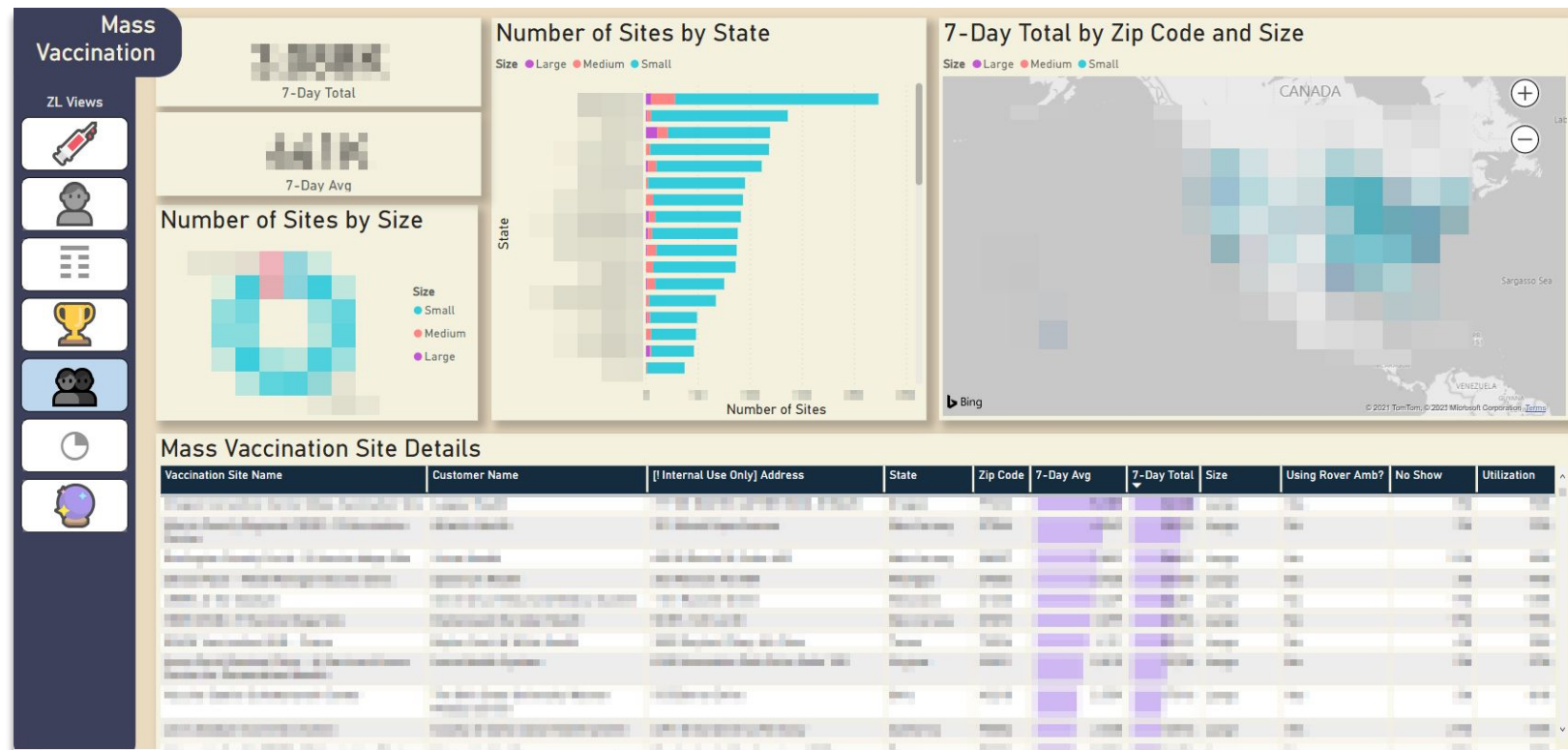
Customer Sending Data?
Yes No

Customer	PRD Version	Has Admin ZL Data?	Latest Search Date	Data Completeness	Fully Vaccinated Patients	% Target Pop. Fully Vaccinated	Patients with at least one dose	% Target Pop. with at least 1 dose	Vaccines Administered In Epic	First Admin Date in Epic	Target Population	Mass Vaccination Status
Customer 193	Nov '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 428	Feb '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 479	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 45	Aug '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 167	Nov '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 477	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 487	May '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 304	Nov '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 111	Nov '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 465	May '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 380	Feb '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 342	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 33	Aug '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 249	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 301	Aug '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 171	Feb '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 291	Nov '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 527	May '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 303	May '20	Yes	3/22/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 231	Aug '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 468	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 410	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 116	Aug '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 471	May '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 155	May '20	Yes	3/31/21	Partial	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 485	Aug '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done
Customer 187	May '20	Yes	3/31/21	Full	1,000,000	14%	1,000,000	14%	1,000,000	1/1/2021	1,000,000	Done

Target population is determined by the denominator of

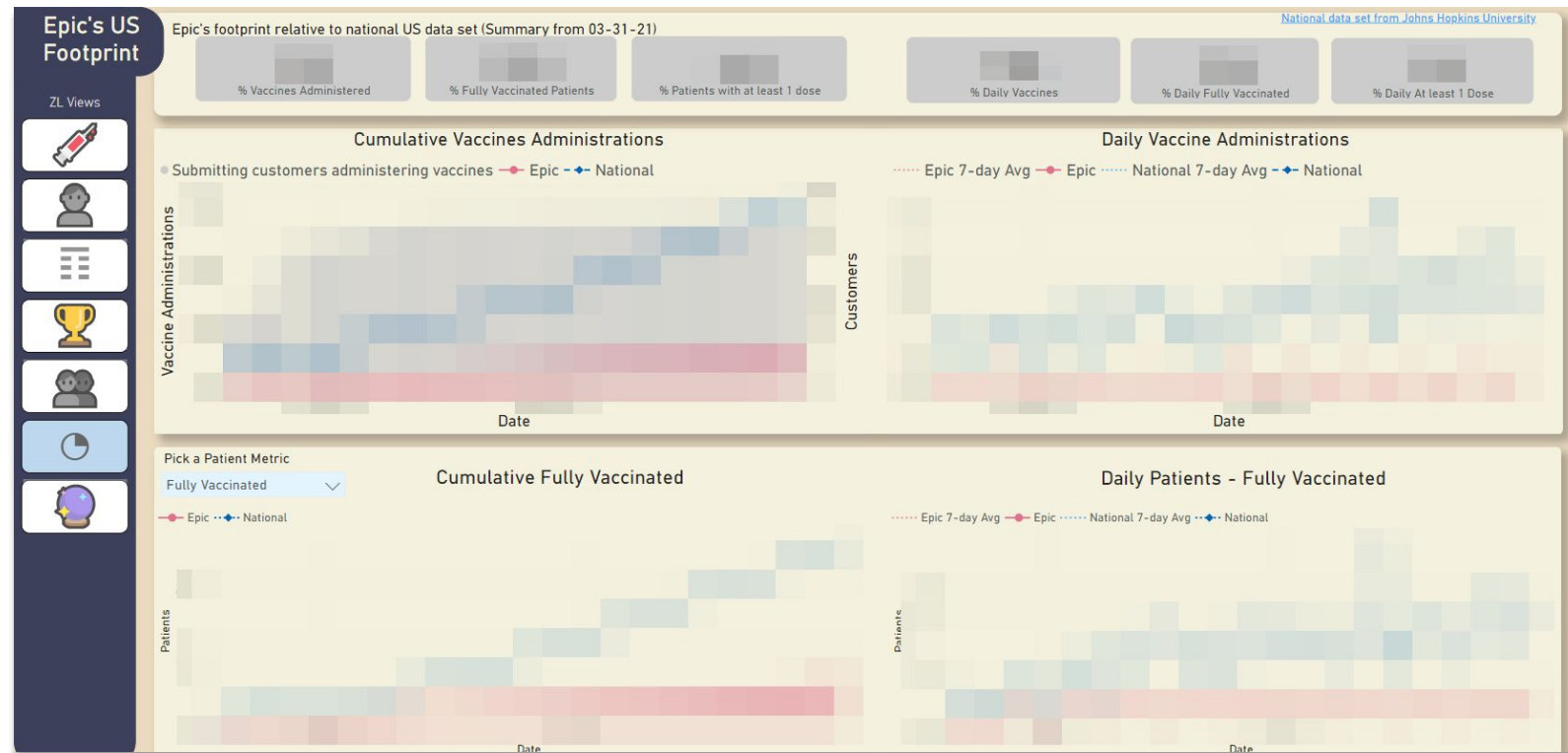
Vaccine Administration Hub - Mass Vaccination

- Track customer mass vaccination site locations and volumes.
- Mass vaccination sites are defined as places that are administering 1000+ vaccine doses/day
- Customers are partnering with local organizations and officials to meet these goals and we need to know where volumes are shifting for these sites



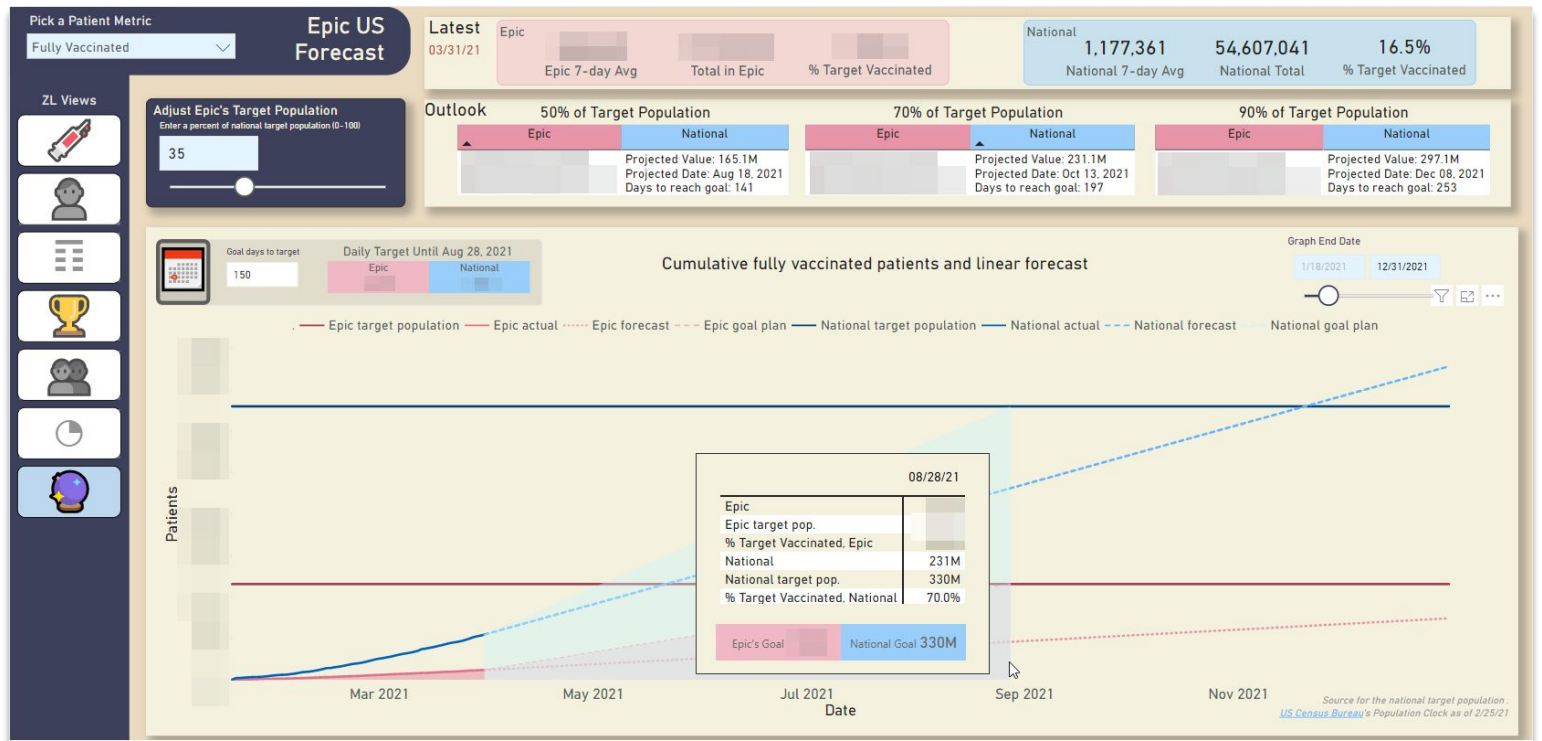
Vaccine Administration Hub - Epic's US Footprint

- Leaders want to know how much of the US vaccinated population and administration volumes can be attributed to data documented in Epic's customer systems vs national data set overall
- Set up a connection to John's Hopkins GitHub repo to load national dataset daily into this report
- Highly blurred for confidentiality, but these are trending line graphs that compare Epic volumes to the country overall
- Just looking at Epic's US customers



Vaccine Administration Hub - Epic US Forecast

- Simple linear forecasts based on 7-day rolling average nationally and for Epic
- Constant lines denoting target population - Epic's target population can be adjusted using a slider to a certain % of the national population
- Latest data cards and outlook cards out to 50, 70, 90% targets (how long would it take to hit these targets at the current rate?)
- Optionally, set a goal end date to reach 100% target population. This will fill in the graph with a hypothetical scenario denoting



Outcomes and Feedback

- Cross-customer collaboration between struggling and successful customers
- Increased compliance on snapshot completion with follow-up tools
- Set up a standardized framework for ingesting ad-hoc customer data extracts into internal data warehouse
- “This is my favorite dashboard ever! I can follow up with everyone I need to and get updated on my accounts in a heartbeat. THANKS!!!” - Customer Account Executive, Outpatient Clinicals
- “Udbhav has been an absolute cornerstone of our efforts to track and report on both vaccination project statuses and metrics. He’s fast, organized, savvy to the available tools and able to effectively guide stakeholders to better strategies than what’ve come asking for. He often delivers more/better than what’s requested, and takes much appreciated initiative to create useful, insight-generating visualizations with minimal guidance” - Vaccination Project Lead