# VHI's Vaccine Tracking Service (CareGaps) for Monitoring Pediatric Vaccines

Vaccine Tracking Service (also referred to as CareGaps) is a comprehensive healthcare data product designed to empower users with actionable insights to improve vaccination rates. By providing population-level summaries, detailed disparity analyses, and patient-level vaccination data, CareGaps equips you with the tools to make informed decisions, streamline outreach efforts, and ultimately improve the immunization rates of your population. CareGaps has been customized for VHI providers to monitor recommended pediatric vaccines.

## Use Cases

1. **Monitor** vaccination rates across a population or practice(s).
2. **Identify** disparities in vaccination rates among different demographic groups.
3. **Identify** vaccination gaps for individual patients.
4. **Prioritize and document** outreach to unvaccinated patients.
5. **Generate** reports for stakeholders and regulatory bodies.

### Pediatric Vaccines (Combo-10) in CareGaps

1. Diphtheria, tetanus, & acellular pertussis (DTaP)
2. Inactivated polio vaccine (IPV)
3. Measles, mumps and rubella (MMR)
4. Haemophilus influenzae type b (Hib)
5. Hepatitis B (HepB)
6. Varicella (VZV)
7. Pneumococcal conjugate vaccine (PCV)
8. Rotavirus (RV)
9. Hepatitis A (HepA)
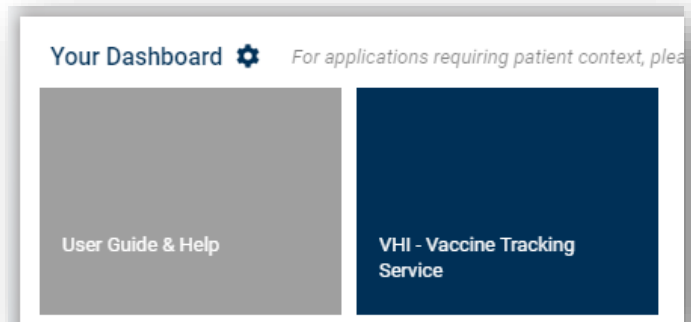10. Influenza (Flu)

## Benefits of CareGaps Design

1. **Comprehensive Data**: Access updated vaccination data, practice lists, and patient chronic condition flags.
2. **Population-Level Insights**: Understand the proportion of patients vaccinated (or not) by demographics.
3. **Disparity Analysis**: Identify potential disparities in vaccination rates across demographic groups.
4. **Patient Navigator**: Segment patient populations by age, vaccination status, and chronic conditions for targeted outreach.
5. **Customizable Fields**: Document outreach notes and track progress.
6. **Peer Comparison**: Benchmark performance against relevant peer groups.
7. **User-Friendly Interface**: Easy-to-use web-based application accessible through modern browsers.

## Accessing CareGaps

CareGaps can be accessed through the HIE Portal via the **VHI – Vaccine Tracking Service** Card. Users can get access to the card by contacting their CRISP POC.

CareGaps are powered by CRISP patient panels, also referred to as CEND panels. Patient panels are managed by individual CRISP users outside of this reporting suite.
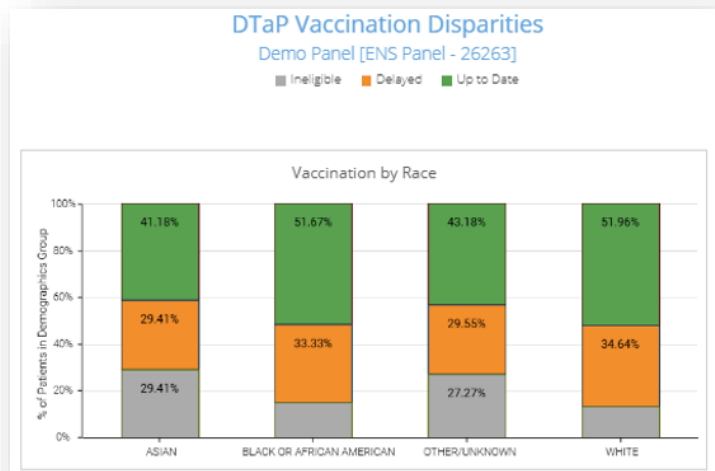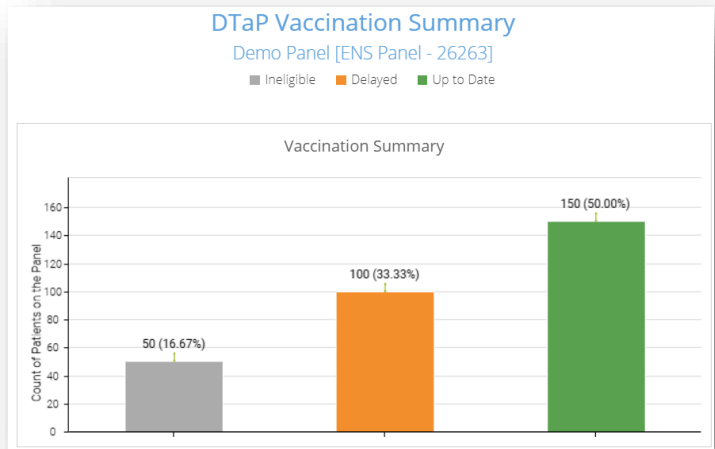
# Key Features of CareGaps

**CareGaps provides <u>summary</u> details on the population's vaccine status, as well as vaccine status by demographic characteristics to help identify <u>disparities</u> across the population. CareGaps is customized for the vaccines and use cases of interest. For the Pediatric Combo-10, results will be shown for children less than 36 months old and will display the vaccination status for each vaccine and as well as the overall assessment of whether the patient received the full Combo-10 bundle.**

*Vaccination Summary Report* provides a clear overview of vaccination progress by age group, gender, race, and ethnicity. Populations are arrayed by vaccine status specific to the CareGaps displayed. For example, DTaP CareGaps will show status indicators of: 1) Ineligible 2) Delayed; and 3) Up to Date. This visualization allows you to quickly identify areas where vaccination rates may be lagging, enabling targeted interventions and outreach programs.

*Vaccination Disparities Report* shows differences in vaccination rates by age group, gender, race, and ethnicity. This visualization allows you to quickly see which populations may be experiencing difficulties with their vaccinations, better informing future care management interventions.

*Patient Navigator* module offers detailed patient-specific information, including demographics, vaccination history, contact information, and most recent outreach status. This feature streamlines outreach efforts by allowing you to segment the patient population based on various criteria, such as age, and vaccination status. This view will contain a summary of Combo-10 vaccination status and details of each vaccine individually.