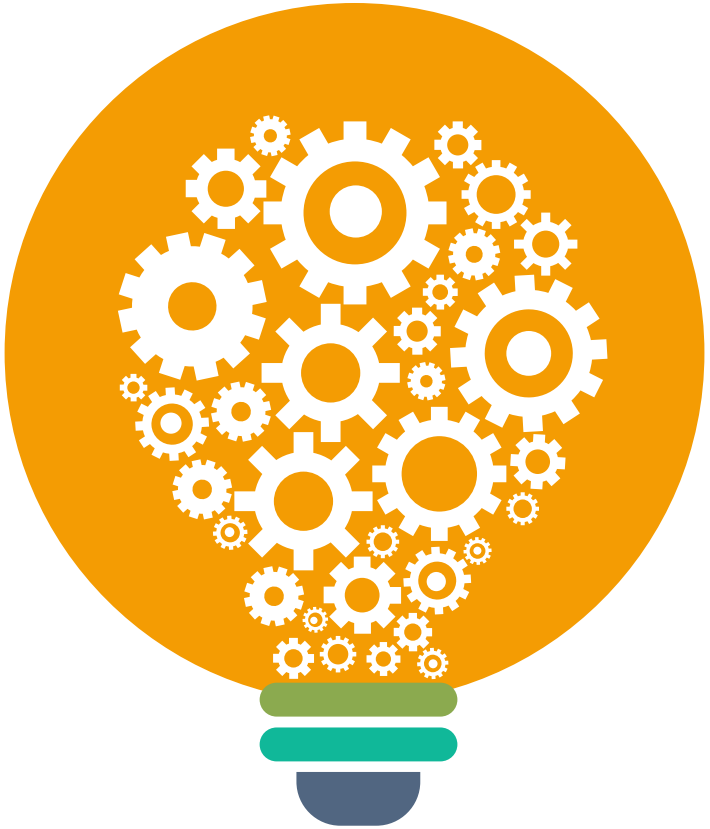
FLORIDA DEPARTMENT OF HEALTH

FLORIDA CANCER SCREENING SYSTEM PILOT PROJECT

Florida Cancer Data System Registry



Monique N. Hernandez, PhD

FCDS Virtual Annual Meeting

August 12th, 2021

Purpose and Rationale

Cancer Prevention & Control

Integration of screening data into routine cancer surveillance systems can create more robust data systems to inform cancer prevention and control activities

Early Detection Benefits

Early detection can prevent disease progression to advanced or invasive stage and is associated with improved treatment outcomes, higher survival rates, and reduced mortality

Surveillance Gaps

Surveillance data systems constitute the basis for the planning, implementation, and evaluation of public health programs. Screenings are not currently captured in FCDS

Screening Outcomes

As more cancer patients become cancer survivors, more information is needed by the medical community to improve quality of life for cancer survivors.

Methodology

Outreach

FDOH Partners and Clinics

Pilot Infographic

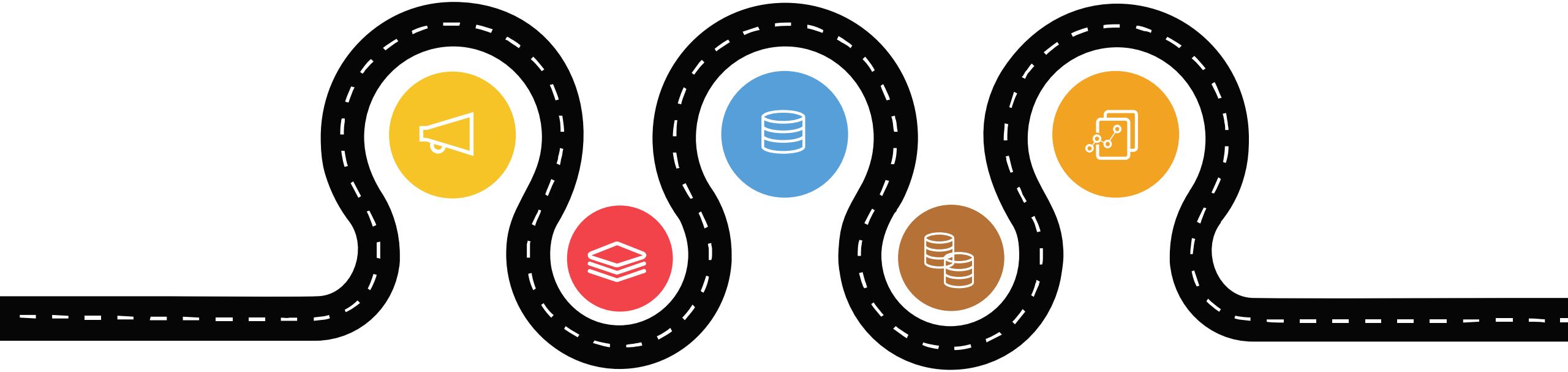
Database Development

Consolidation and Standardization

Analytics and Evaluation

Results via Data Visualization

Assess Feasibility



Data Collection and Validation

Florida Breast & Cervical Early Detection Program, Suncoast Community Health

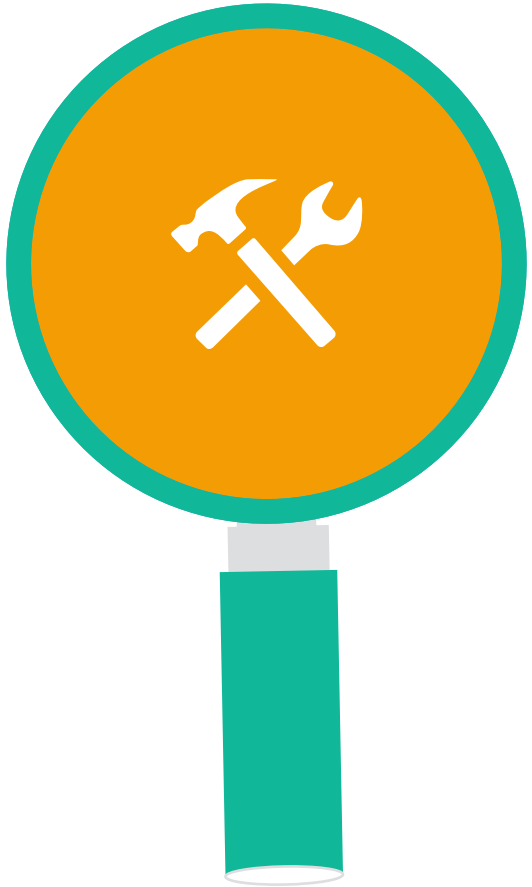
Tumor Linkage

Patient and Tumor Linkage

Progress and Results

Data Reviews

Completed data review and implemented ongoing QC of subsequent submissions



Consolidation Database

Developed business rules for importation
Limit to mammogram, CBE, pap test, HPV
Standardize text to code

Consolidated screenings and patients across source

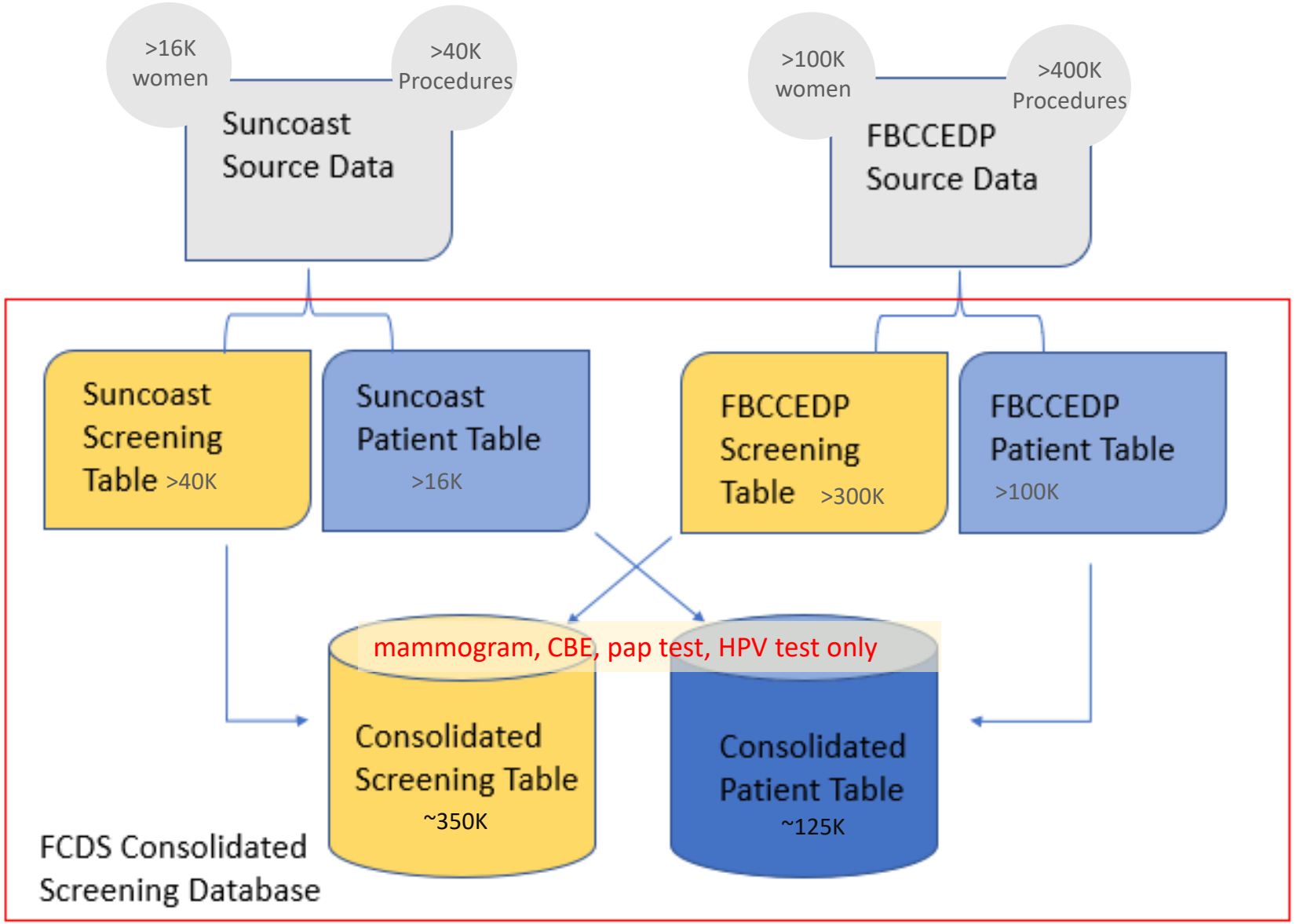
Ongoing Submission of Data

FBCCEDP 2009-2020 Annual
Suncoast 2019-2021 Quarterly

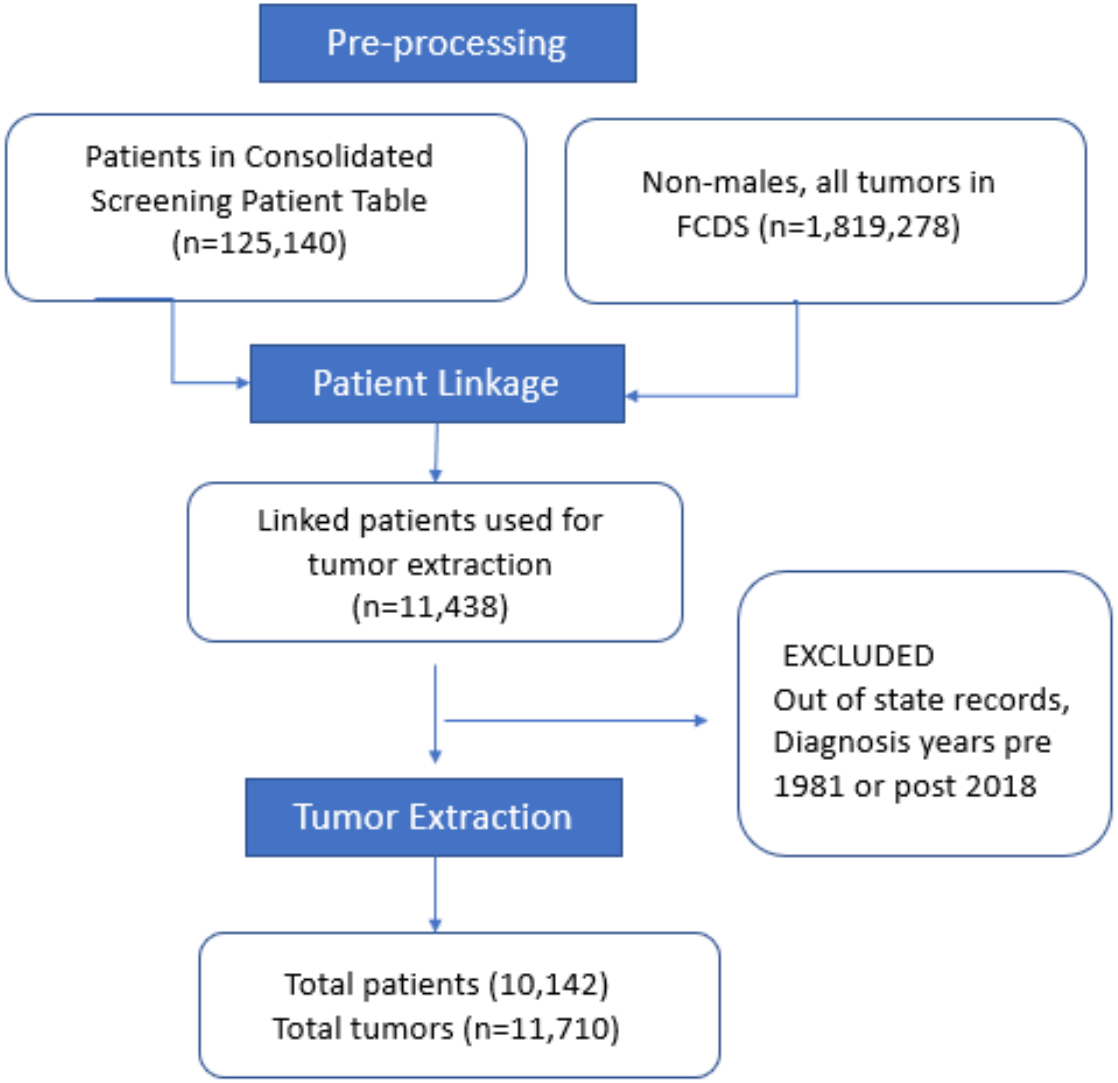
Tumor Linkage

Extracted consolidated patients from screening database and linked with Tumor Registry

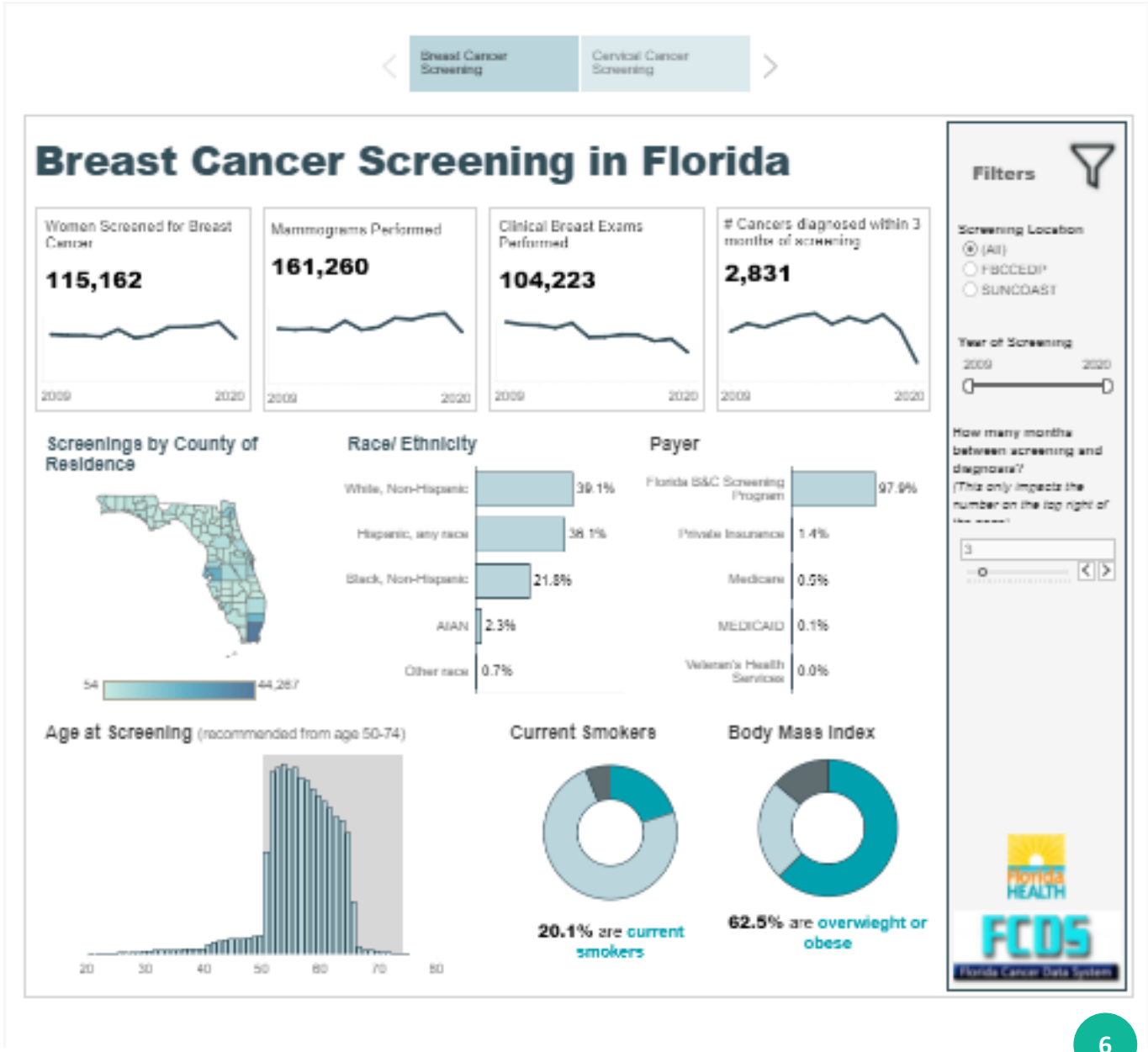
Consolidated Patient and Screening Database Flowchart



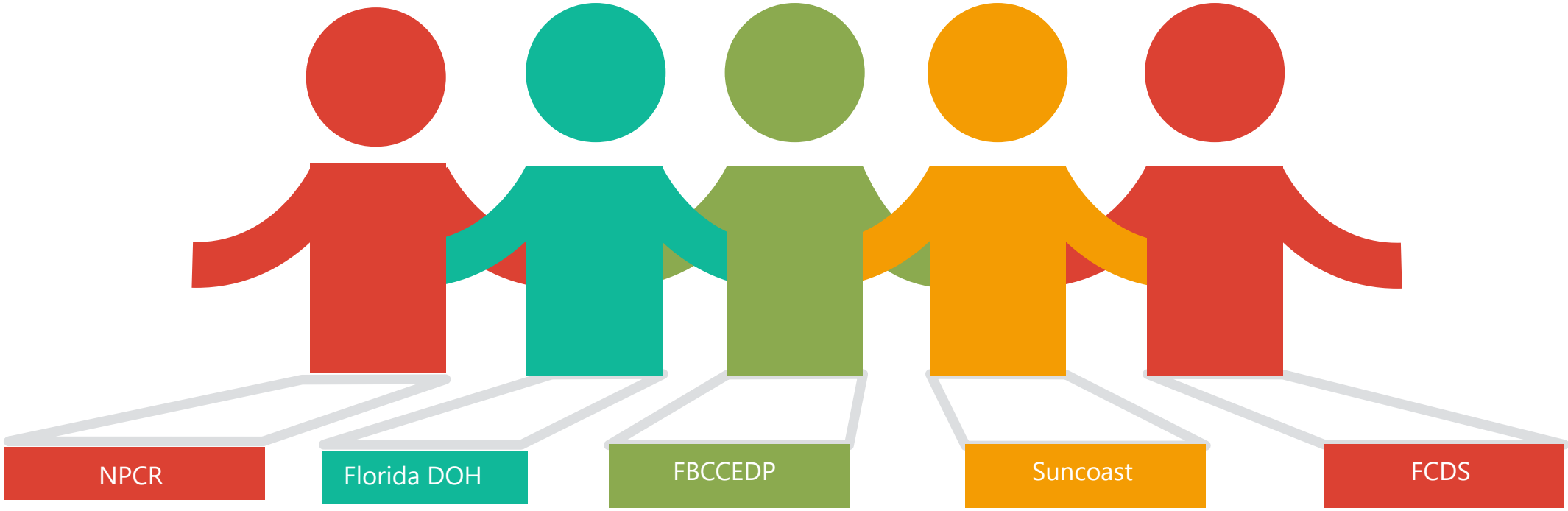
Tumor Linkage



Data Visualization Dashboard



Partnerships



Navigating Challenges

Lack of Data Standards

Disparate Systems and Software

HIPAA Concerns

EHR System Upgrades/Changes

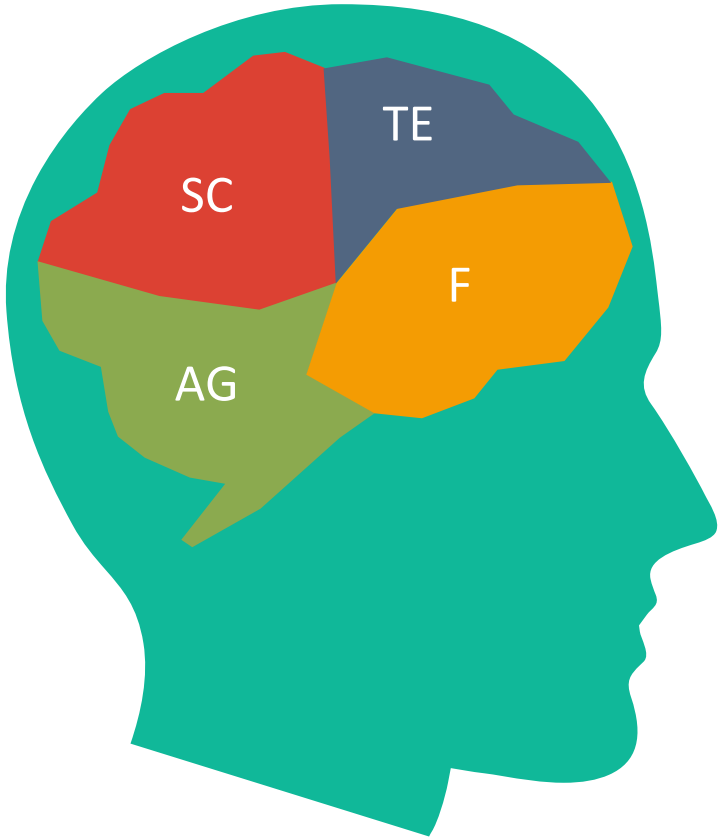
Lessons Learned and Best Practices

Support & Collaboration

Establish partnerships and support teams

Active Engagement

Obtain partner commitments and ongoing engagement



Technical Experts

Involving appropriate IT and data experts

Facilitators

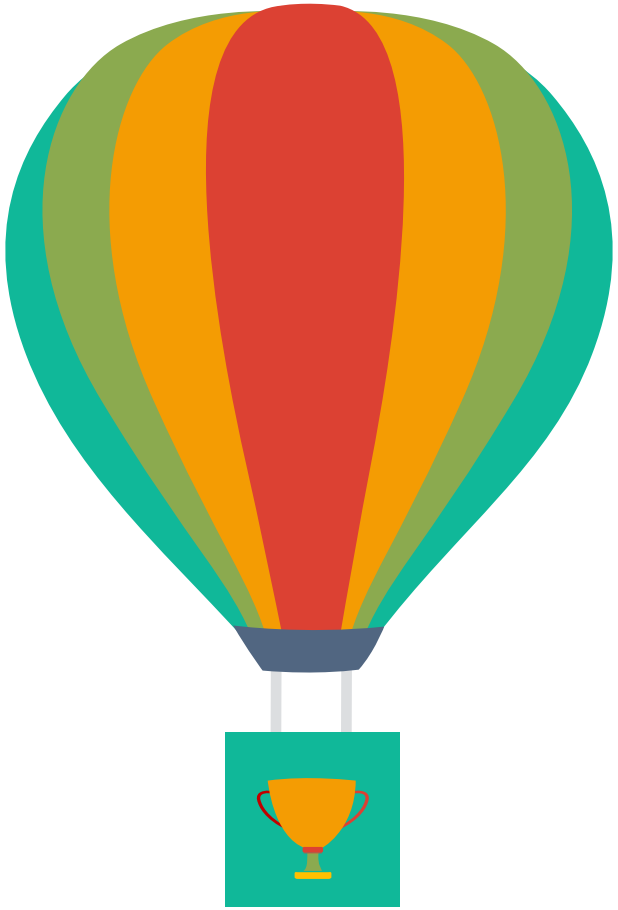
Identify members that can support efforts and success

Year 5 Priorities

Sustain FBCCEDP Reporting

Sustain Suncoast Reporting

Expand to Broward and Putnam Counties



Pursue reporting of claims data

Maintain automated methodology for multi-source data integration

Maintain Data Visualization Dashboard

These Support Component I Activities

UHealth
UNIVERSITY OF MIAMI HEALTH SYSTEM

UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE

NPCR NATIONAL PROGRAM OF CANCER REGISTRIES

THANK YOU