



Objectives

- Describe how SCF uses the integrated care teams to manage workflow and customer-owner panels
- Examine segmentation of high utilizers to optimize resources





Customer-Ownership



Operational Principles

R elationships between customer-owner, family and provider must be fostered and supported

Emphasis on wellness of the whole person, family and community (physical, mental, emotional and spiritual wellness)

ocations convenient for customer-owners with minimal stops to get all their needs addressed

A ccess optimized and waiting times limited

 ${\sf T}$ ${\sf ogether}$ with the customer-owner as an active partner

ntentional whole-system design to maximize coordination and minimize duplication

O utcome and process measures continuously evaluated and improved

Not complicated but simple and easy to use

S ervices financially sustainable and viable

H ub of the system is the family

Interests of customer-owners drive the system to determine what we do and how we do it

P opulation-Based systems and services

S ervices and systems build on the strengths of Alaska Native cultures

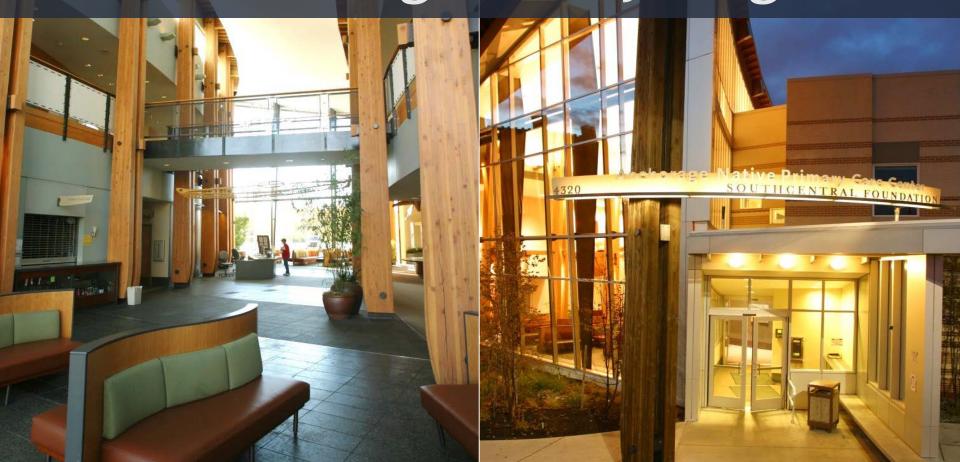
Leadership Principles

- perate from the strength of Alaska Native cultures and traditions of leadership.
- W ill stand in the gap to align and achieve the mission and vision.
- N urture an environment of trust that encourages buy-in, systematic growth and change.
- **E** ncourage ownership of responsible, calculated risk taking.
- R espect and grow the skills of future generations to drive initiatives and improvements.
- **S** hare and listen to personal life stories in order to be transparent and accountable.
- H edge people in by creating a safe environment where spiritual, ethical and personal beliefs are honored.
- mprove for the future by learning from the past, giving away credit and celebrating achievements.
- P ractice and encourage self-improvement believing there is good in every person



We Asked the Community

We Changed Everything



Core Concepts

Work together in relationship to learn and grow

Encourage understanding

L isten with an open mind

L augh and enjoy humor throughout the day

Notice the dignity and value of ourselves and others

E ngage others with compassion

S hare our stories and our hearts

S trive to honor and respect ourselves and others

The Philosophic Process of Redesign

- Outcome Not Income
- Person Not Disease
- Population Not Process
- Service Not Practice

Managing the Whole Population

Case Manager/Case Management Support/Support Clinic Data

Provider+ BHC/Pharm/Diet

Of Customer-Owners Have **Low Intensity Needs**

VACCINES

CANCER **SCREENINGS**

FPISODIC COMPLAINTS VISIT ACESS







40%

Of Customer-Owners Have **Moderate Intensity Needs**



20%

Of Customer-Owners **Have High Intensity Needs**

MEDICAL CONDITION

END OF

UTILIZERS







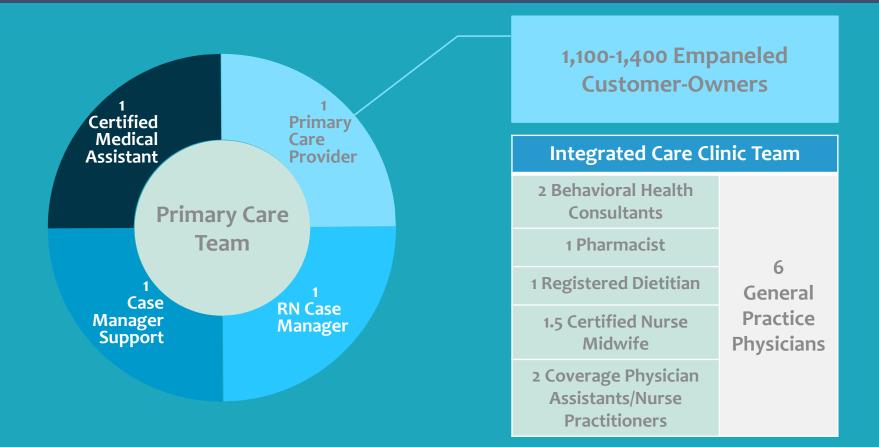




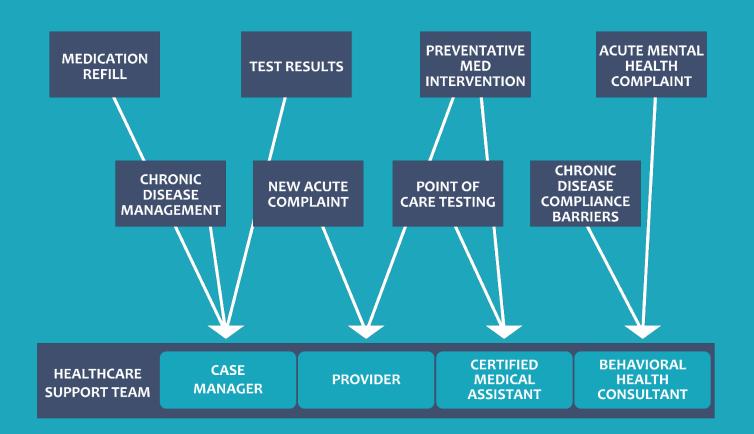




Care Team Ratios



Parallel Work Flow Redesign





Data Management

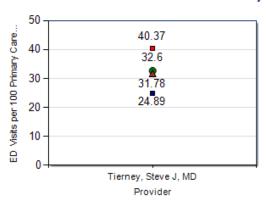


Establish Benchmarks: Transparency

Clinical Metrics						
Red: Less than 50th HEDIS percentile or SCF E	Benchmark		•			
Green: Greater than or Equal to 50th HEDIS percentile or SCF Benchmark						
Clinical Measure (Click measure title for methodology)	Measure Score	Measure Goal	Indicator			
Condition Management						
Cardiovascular Disease LDL Annual	100.0	81.45 - HEDIS 50th	•			
Diabetes Hba1c Annual	100.0	85.96 - HEDIS 50th	•			
Diabetes Hba1c Annual Poor Control	10.0	10.0 - HEDIS 50th	•			
Diabetes LDL Under 100	100.0	34.70 - HEDIS 50th	•			
Pediatric Diabetes Hba1c Annual	100.0	100.0 - HEDIS 50th	•			
Controlling Hypertension	60.9	54.8 - HEDIS 50th	•			
CVD Control Less Than 100mg/dL	80.0	41.36 - HEDIS 50th	•			
Prevention						
CDC Immunization Combo 2	100.0	100.0 - SCF Goal	•			
HEDIS Adolescent Immunization	100.0	100.0 - HEDIS 50th	•			
HEDIS Well Child Visits 12 To 21 Yr	43.8	48.41 - HEDIS 50th	•			
HEDIS Well Child Visits 3 To 6 Yr	100.0	71.42 - HEDIS 50th	•			
HEDIS Well Child Visits Less Than 15 Mo	100.0	59.57 - HEDIS 50th	•			
Screening						
ASQ less than 1 year	100.0	75 - SCF Goal	•			
ASQ less than 2 years	100.0	75 - SCF Goal	•			
ASQ less than 3 years	100.0	75 - SCF Goal	•			
Breast Cancer	60.6	58.15 - HEDIS 50th	•			
Cervical Cancer	70.6	55.9 - HEDIS 50th	•			
Colorectal Cancer	70.5	65.6 - HEDIS 50th	•			
Depression	85.7	75 - SCF Goal	•			
Peds BMI	81.8	67.54 - HEDIS 50th	•			
SBIRT	78.6	75 - SCF Goal	•			

Meaningful Use Scores for Tierney, Steve J, MD	Goal	Avg Score	Indicator
CPOE for Medication	60	98.9	•
CPOE for Laboratory	30	99.6	•
CPOE for Radiology	30	100	•
Transmit Prescriptions Electronically	50	100	•
Patient Online Access 1	50	80.6	•
Patient Online Access 2	0	47.2	•
Patient Education	10	47.2	•
Medication Reconciliation	50	93.1	•
Transition of Care	10	0	•

ED Visits Per 100 Primary Care Visits



- UCL: 40.37
- Average Provider Score: 32.63
- ▲ Provider Score: 31.78
- LCL: 24.89

Centralized Data Warehouse Approach

Inputs

Electronic Record

Personal Health Record

Wellness Application

Socioeconomic Data

Outside Lab and Pharmacy

Vaccination Data Bases

Data Warehouse Repository



Outputs

Regulator Performance Reporting

Organizational Leadership
Performance Scorecard

Workforce Scorecard

Pattern Recognition and Risk Adjustment Modeling



HEDIS Diabetes LDL Under 100 Scores

*Click Here for Methodology!

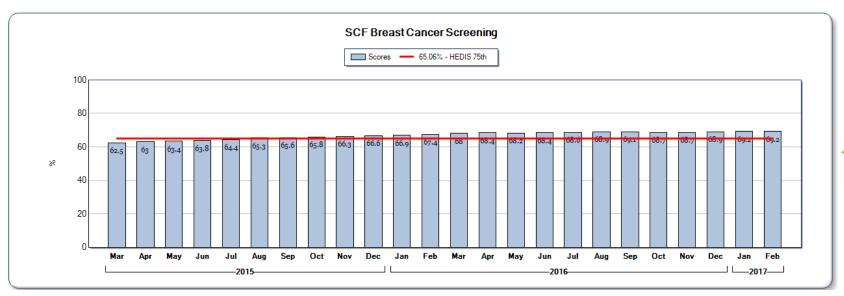
Link to Action List

HEDIS Diabetes LDL Under 100 Scores as of: 4/15/2017

HEDIS Medicaid Benchmark 75th Percentile = 40.39%

Organization	Clinic	Provider	Numerator	Denominator	% Screened
SCF			829	1843	45.0
	⊞ 1 East	Integrated Pharmacist:		231	47.2
	1 West	Integrated Pharmacist:	96	226	42.5
	⊕ 2 East	Integrated Pharmacist:	122	274	44.5
	□ 2 West	Integrated Pharmacist.	96	236	40.7
			13	36	36.1
		-	13	35	37.1
			13	36	36.1
			16	34	47.1
		_	0	0	
			18	43	41.9
			18	42	42.9
		Tierney, Steve J, MD	5	10	50.0
	⊕ 3 East	Integrated Pharmacist: Beiergrohslein, Mike	107	217	49.3
	⊕ 3 West	Integrated Pharmacist: Castellanos, Theresa H	87	213	40.8

SCF Data Mall

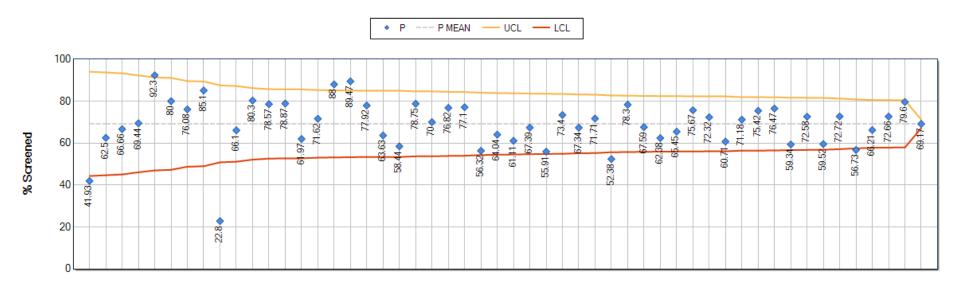


Better

SCF Data Mall Learning from our Approach

Breast Cancer Screening Comparison Chart (30 or More @ Risk Patients)

As of 02/25/2017



Using Data: Discover & Manage Process

- High performance is often already occurring, as are patterns of events that indicate risk
- Initiative-based improvement assumes even performance for all participants and process change is applied to all with the same expectations
- Instead of using process enforcement to drive change,
 identify current high performance and study approaches
 that already work

Creating a Learning System

- Compare high performance with high outcome avoidance etc.
- Look for segmentation and effect

Step 1

Choose a condition with a process item and interval

Step 2

Pick a performance expectation

Step 3

Choose an avoidable outcome this may prevent

Step 4

Compare when the process is done or not done against the rate for avoidable outcomes (test impact)

High Risk Dispensing Patterns

Drug Category	Order Date	Date Dispensed	Total Qty Prescribed	Qty Dispensed	Days Supply	Date Supply Ends	Dispense Overlap Da
Total Prescriptions: 23				Total City: 1,664	MAX Consecutive Days: 100		
Benzodiazopine Prescriptions: 5		Dispensed: 4/13/2016		Benzediazepine Qty: 180			
SHOW THE SHAW THE SHOW	9/1/2015	11/24/2015	120	30	30	12/23/2015	2
	12/22/2015	12/22/2015	120	30	30	1/20/2016	2
	12/22/2015	1/19/2016	120	30	30	2/17/2016	2
	2/16/2016	2/17/2016	120	30	30	3/17/2016	1
	3/8/2016	3/16/2016	30	30	30	4/14/2016	0
	4/12/2016	4/13/2016	30	30	30	5/12/2016	2
Opiate Prescriptions: 18	Last	Dispensed: 4/13/2016		Opiate Cty: 1,484	Total Days > 120 mg: 165	Last Date > 1	20 mg: 5/7/2016
	11/24/2015	11/24/2015	56	56	26	12/21/2015	0
	11/24/2015	11/24/2015	56	56	28	12/21/2015	0
	11/24/2015	11/27/2015	140	140	24	12/20/2015	0
	12/22/2015	12/22/2015	56	56	26	1/18/2016	0
	12/22/2015	12/22/2015	56	56	26	1/18/2016	0
	12/22/2015	12/22/2015	126	126	21	1/11/2016	0
	1/19/2016	1/19/2016	56	56	28	2/15/2016	0
	1/19/2016	1/19/2016	126	126	28	2/15/2016	0
	1/19/2016	1/19/2016	56	56	28	2/15/2016	0
	2/16/2016	2/17/2016	126	126	28	3/15/2016	0
	2/16/2016	2/17/2016	56	56.	28	3/15/2016	0
	2/16/2016	2/17/2016	56	56	26	3/15/2016	0
	3/8/2016	3/16/2016	126	126	28	4/12/2016	0
	3/8/2016	3/16/2016	56	56	28	4/12/2016	0
	3/8/2016	3/16/2016	56	56	26	4/12/2016	0
	4/12/2016	4/13/2016	168	168	28	5/10/2016	0
	4/12/2016	4/13/2016	56	56	28	5/10/2016	0
	4/12/2016	4/13/2016	56	56	28	5/10/2016	0
Total Prescriptions: 4				Total Qty: 378	MAX Consecutive Days: 157		
Benzodiazopine Prescriptions: 4	La	st Dispensed: 5/3/2016		Benzodiazepine Qty: 378			
11010	9/29/2015	11/10/2015		14	1	11/16/2015	0

High Risk Visit Patterns Indicating Distress

Medication : Agreement	Inpatient Visits Last 1 Year	ED Visits : Last 1 Year	UCC Visits Last 1 Year	Ambulatory Visits • Last 1 Year	Specialty Visits Last 1 Year	Addiction Medications
			1	138		
		4		107	38	Hydrocodone, Oxycodone
	1	2	6	83	7	
			1	66		
	1	1		53		
				51	41	Tramadol, Methadone
7/15/2015		3	8	50	1	Diazepam
	6	12	1	46	10	
		7	6	40	2	
	2	1		38	12	
	1	2		38	12	
	1	2		37	15	
		14	8	36	1	
6/5/2015			3	35	9	
		3	9	35		

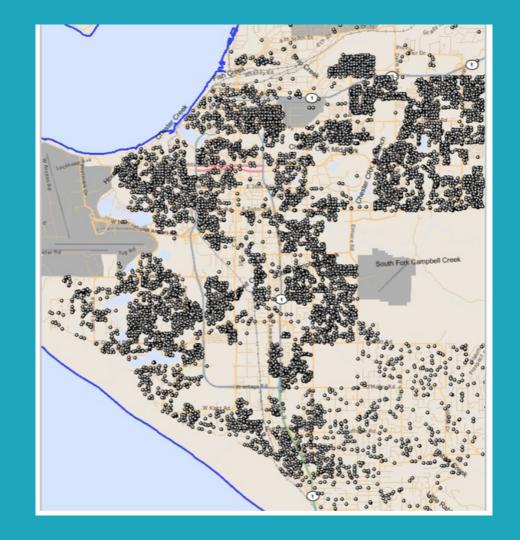
Intervention Where it Makes a Difference

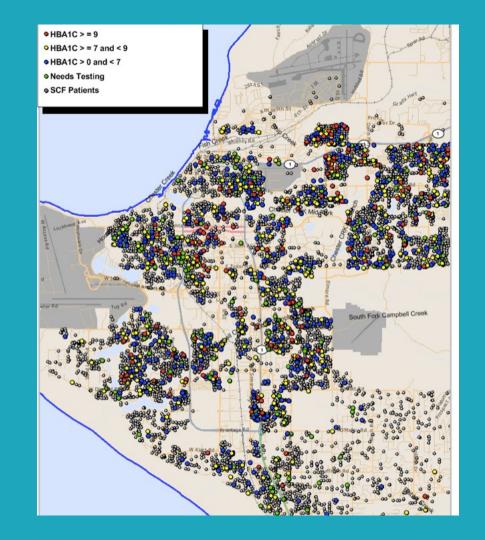
Once you identify an indicator for increased risk or decompensation, create focused efforts around modifying the trajectory.

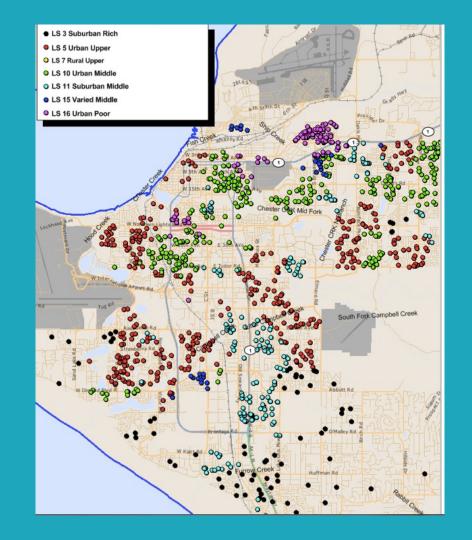
This refines and targets who and why you add a process, with a clear means of tracking impact of that process over time.

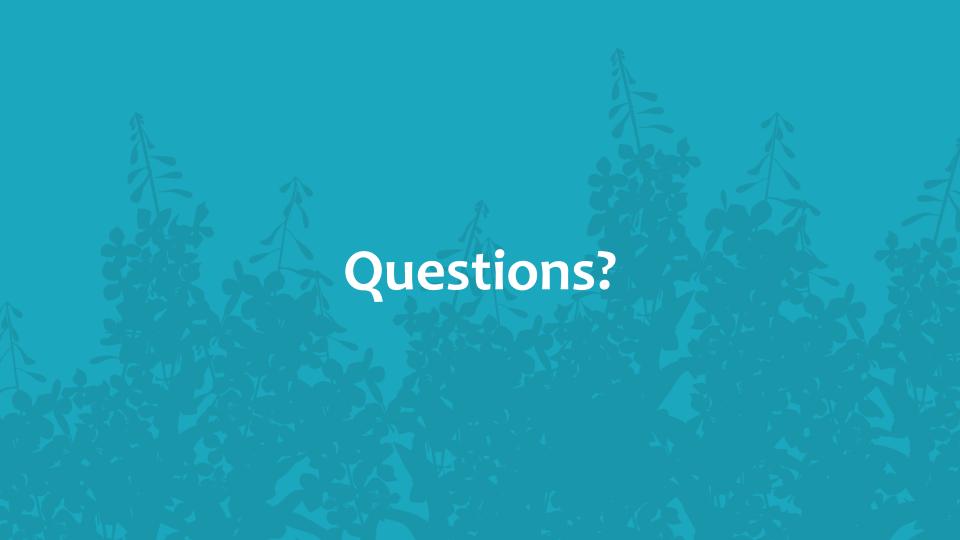
Using Targeted Segmentation

- Geographic location, age, gender, condition, visit numbers can offer opportunities for segmentation
- Using labs, medications, procedures or visits that are potential indicators of distress, you can target resources and interventions
- Examples: Nebulizer treatments, blood gas, BNP lab, cardiac enzymes, D-Dimer, admission event, A&E visits, medications like benzodiazepines or narcotics over a certain threshold indicate decompensation









Thank You!

QaĝaasakungAleut

QuyanaaAlutiiq

QuyanaqInupiaq

Awa'ahdah Eyak

Mahsi'Gwich'in Athabascan

Igamsiqanaghalek
Siberian Yupik

Háw'aa Haida

Quyana Yup'ik **T'oyaxsm**Tsimshian

Gunalchéesh Tlingit

Tsin'aenAhtna Athabascan

Chin'anDena'ina Athabascan