St David's HEALTHCARE

Synthesizing Organizational Data

Adonica Benesh, RHIA, CPHQ, RN, MSN Division Vice President, Quality



Agenda

1 Overview of St. David's HealthCare

- 2 Our Baldrige Story
- 3 Measurement/Analysis
- 4 Focus on Service



Objectives

- Outline processes for establishing key organizational performance metrics
- Discuss mechanisms for communicating performance on key metrics through all levels of the organization
- Review tools and methods for displaying standardized data to leadership and front line staff





The Best is Here.

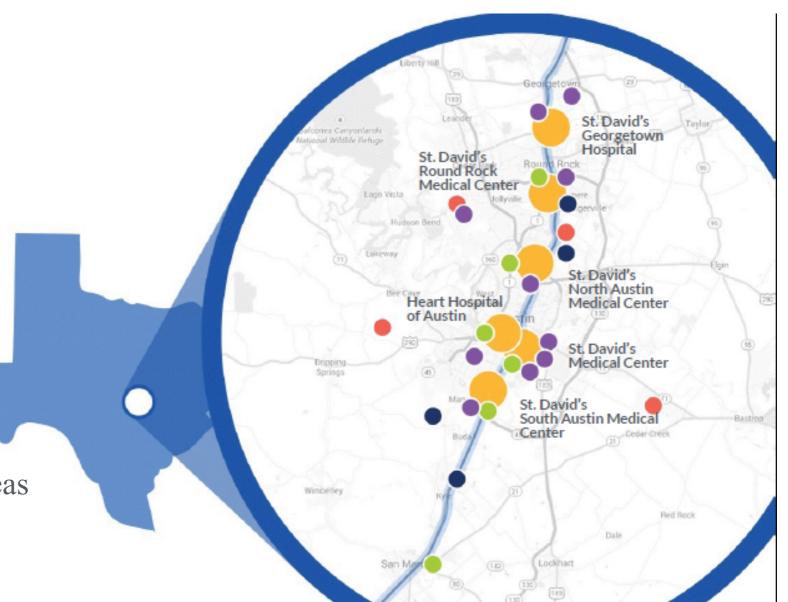
https://www.youtube.com/watch? v=DH9CzYdwzg0

St. David's HealthCare:

- ⁶ Acute Care Hospitals
- ⁶ Ambulatory Surgery Centers
- 4 Freestanding EDs
- 4 Urgent Care Centers
- ¹⁰ Outpatient Rehab Centers

Plus...

- 76 Physician Offices
- 7 Affiliated Hospitals in outlying areas
- Transfer Center serving a 180-mile radius







Benefit to the Community

StDavid's HEALTHCARE Results

- St. David's HealthCare provides a valuable and sustainable benefit to the community
 - SDH hospitals provide 40% of the uncompensated care in the area
 - SDH uncompensated care = \$4.3 billion since 1996
 - SDH pays \$36+ million per year
 in state and local taxes
 (property, sales, Texas Margin)



- Since inception, St. David's HealthCare has reinvested \$1.72 billion to expand and upgrade its facilities
 - Without incurring debt
 - Without financial contributions (philanthropy) from the community
- The Foundations returned \$68+ million directly to the community through grants and direct programs in 2016

Our Mission:

To Provide Exceptional Care to Every Patient, Every Day with a Spirit of Warmth, Friendliness and Personal Pride Our Goals:

- Exceptional
 Care
- CustomerLoyalty
- FinancialStrength

Our Values:

I ntegrity C ompassion A ccountability R espect E xcellence

StDavid's HealthCare | OVERVIEW



Our Vision:

To be the Finest Care and Service Organization in the World

StDavid's HealthCare | OVERVIEW



Agenda

1 Overview of St. David's HealthCare

2 Our Baldrige Story

3 Measurement, Analysis & Knowledge Management





Key Milestones

Testing Organizational Fit

2005 – Identified Baldrige as opportunity to benchmark performance • Gained initial understanding of criteria

2007 – Benchmarked ourselves using state-level application

- Addressed "low-hanging fruit" but primarily fit organization to application
- , Raising the Bar

200

- Benchmarked ourselves at the national level
 - Involved additional senior leaders to refine application







S**†David's HealthCare** | OUR BALDRIGE STORY

Key Milestones

Establishing Commitment

- Deployed greater understanding of how to apply Baldrige Criteria
 - Trained 60 senior leaders in Criteria

2011 – Increased awareness and participation

2010

- Enhanced and expanded training (~400 additional employees)
- Rolled out vision statement
- Blocking and Tackling
- 2012 Focused on substance, not application
 - Integrated newly acquired hospitals and physician practices





Submitted 3rd Malcolm Baldrige application





S**†David's HealthCare** | OUR BALDRIGE STORY

Key Milestones

• Renewing Commitment System-Wide

- Created focus on annual performance excellence priorities
 - Included physician practices

2013

2014

Applying Operating Discipline

Structured ourselves to most effectively use feedback report

- Included surgery centers
- Built on momentum of site visit and cascaded knowledge







STDavid's HealthCare | OUR BALDRIGE STORY

Why Baldrige?

Benchmarking ourselves against the best of the best



Criteria provides:

- Discipline to refine processes and critical thinking
- Structure to measure and improve performance
- Platform to assess our performance against a proven management model
- External expertise to identify new opportunities for improvement

StDavid's HealthCare | OUR BALDRIGE STORY



Critical Success Factors

- 1. Improved understanding of Mission, Vision, Values and Goals
 - Developed vision statement in 2010 •
 - Drove personal connection
 - Assessed deployment every 2 years •
- 2. Communicated commitment to performance excellence
 - Round-ups

- Rounding
- Leadership meetings •
- Newsletters

Employee forums

3. Expanded the circle

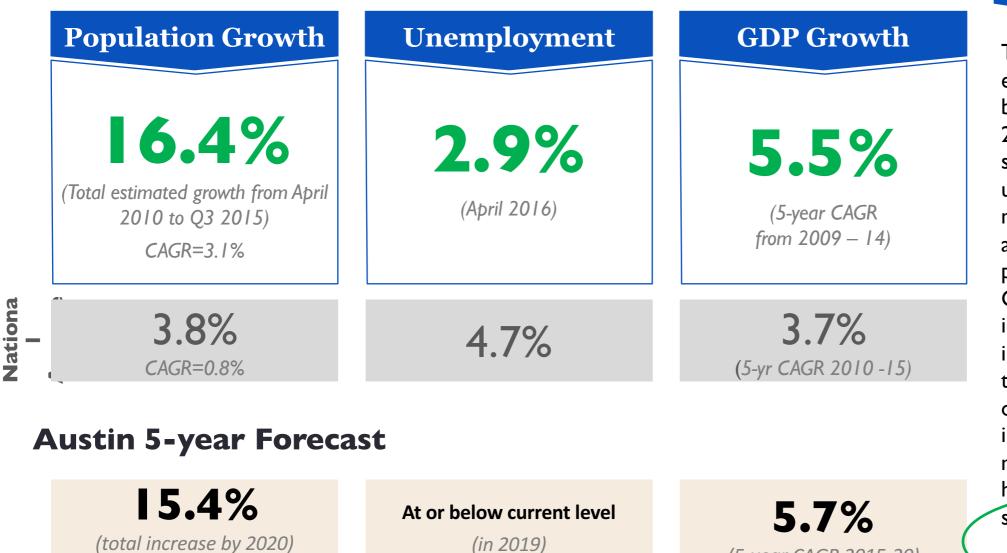
- Educated workforce on performance excellence •
- Created internal "experts"

- 4. Ensured system-wide alignment in measurement and performance
 - Created "line of sight" with department dashboards

S**†David's** HealthCare OUR BALDRIGE STORY



Current Environment



The Austin economy is expanding at a rate that began decelerating in early 2015. This moderation likely stems from a stabilizing unemployment rate in recent months coupled with below average job growth of 2.1 percent year to date. Growth was mixed across industries and private sector industries related to technology slowed markedly over this time. Strong growth in construction & retail, moderate growth in hospitality and health services. – Dallas FED

Outlook

Exceptional Population Growth, unemployment rate & GDP

(5-year CAGR 2015-20)

Sources: STI PopStats, 2016. Texas Workforce Commission, US Bureau of Economic Analysis (GDP is current dollars), The Perryman Group

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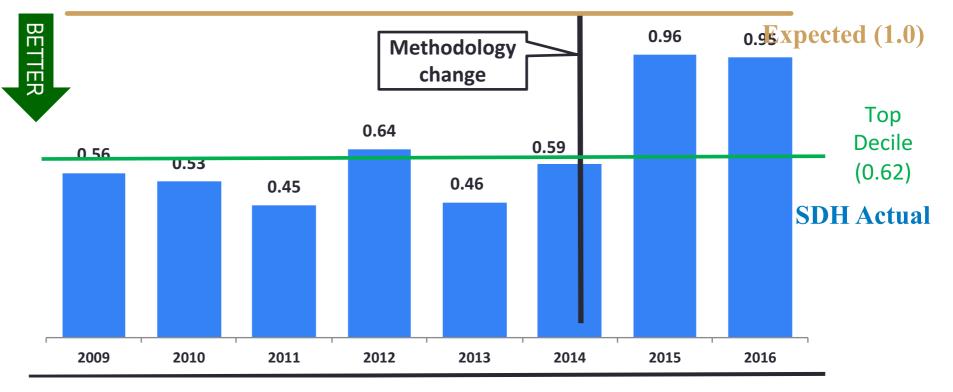
CAGR=2.9%

EXCEPTIONAL CARE

StDavid's Governance HealthCare Retreat 2017

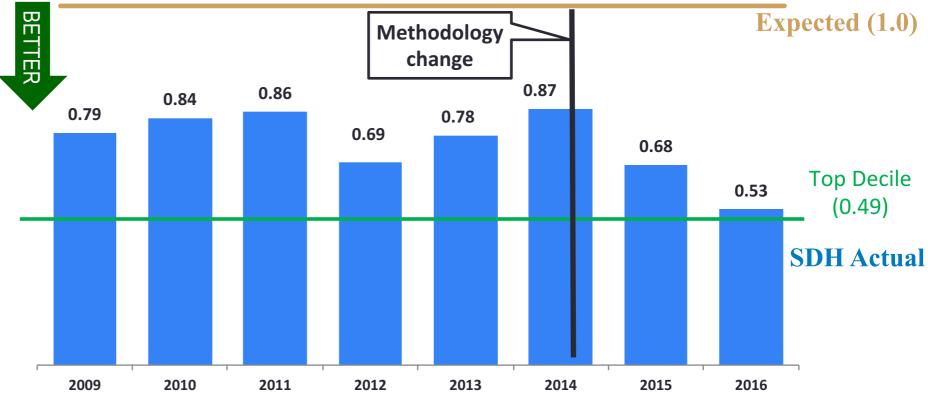
Mortality Index (Risk-Adjusted)

- Methodology change discontinued exclusion of patients on comfort care
- 2,471 mortalities
 prevented since 2009

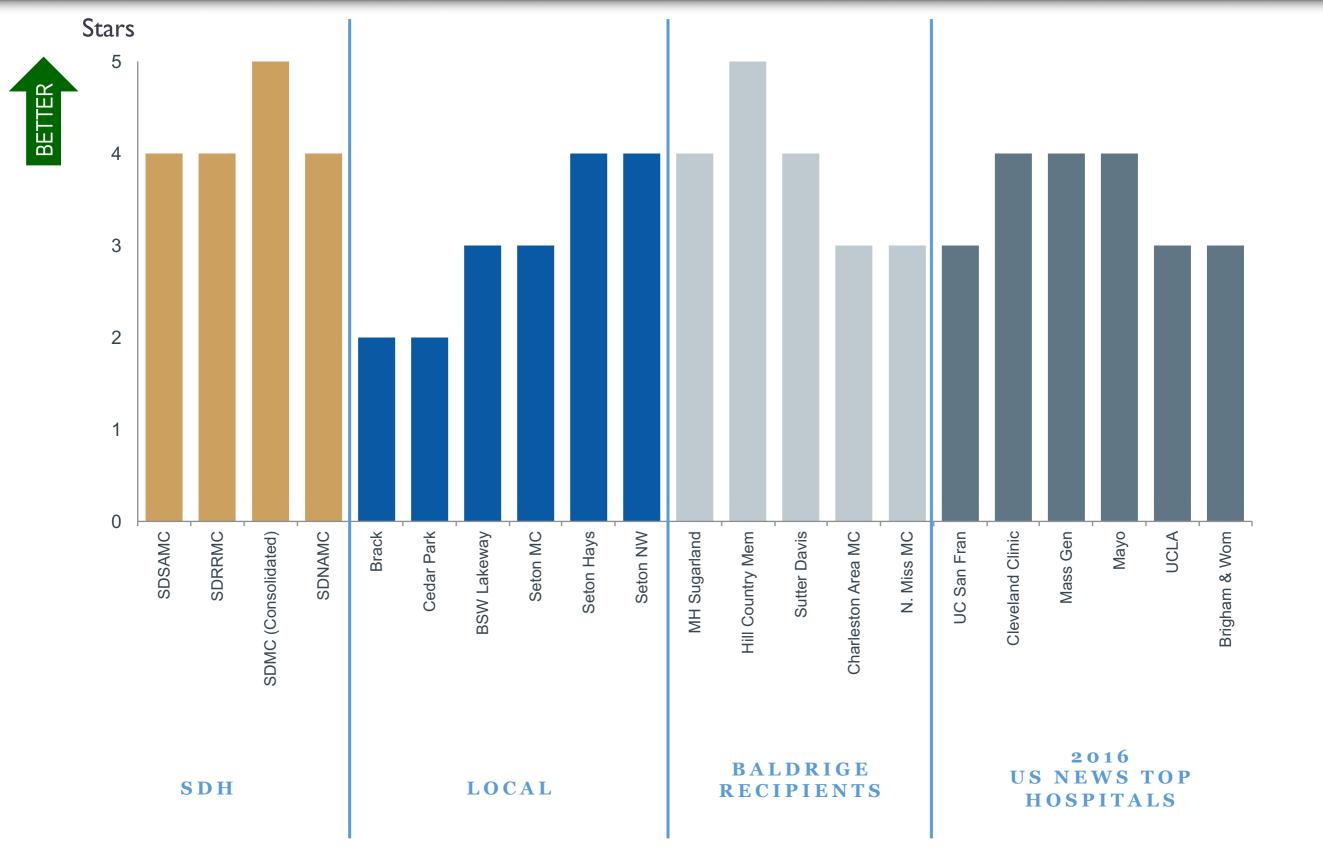


Complication Index (Risk-Adjusted)

- Methodology change excluded complications "present on admission"
- 4,263 complications prevented since 2009



EXCEPTIONAL CARE: CMS STAR RATING

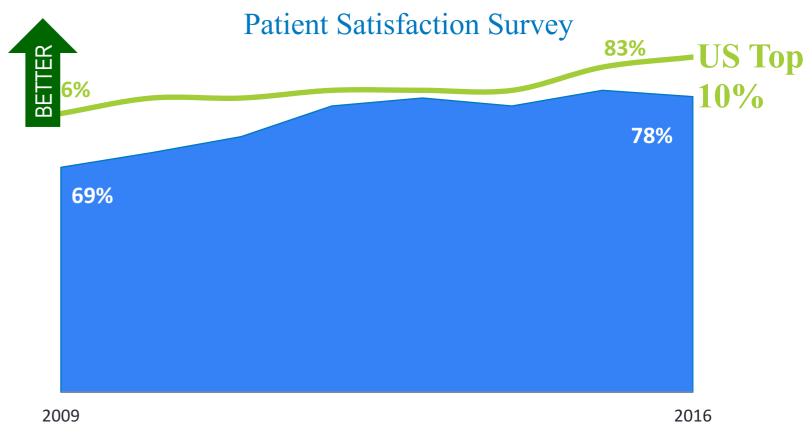


The CMS Star Rating summarizes data from 64 existing quality measures publicly reported on *Hospital Compare* into a single star rating for each hospital

CUSTOMER LOYALTY

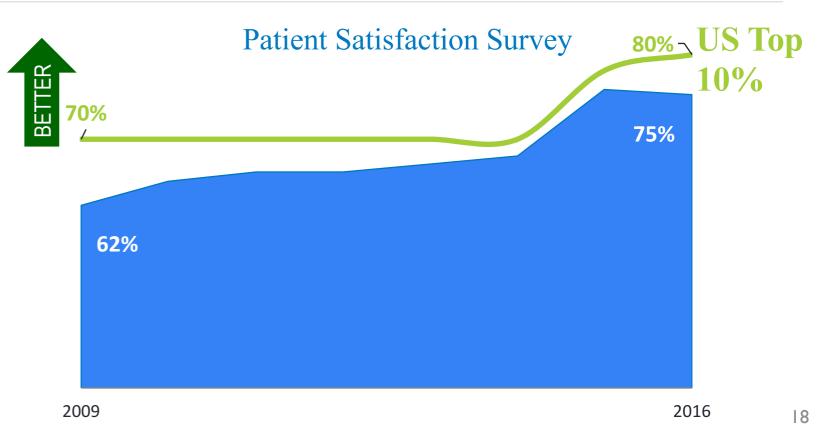
Inpatient HCAHPS Overall Rating

- ▶ #1 market in HCA (2016)
- #1 system in Austin
 Seton 75%, BS&W 71%
- Actively executing plans to achieve top decile goal



Emergency Services

► #2 market in HCA

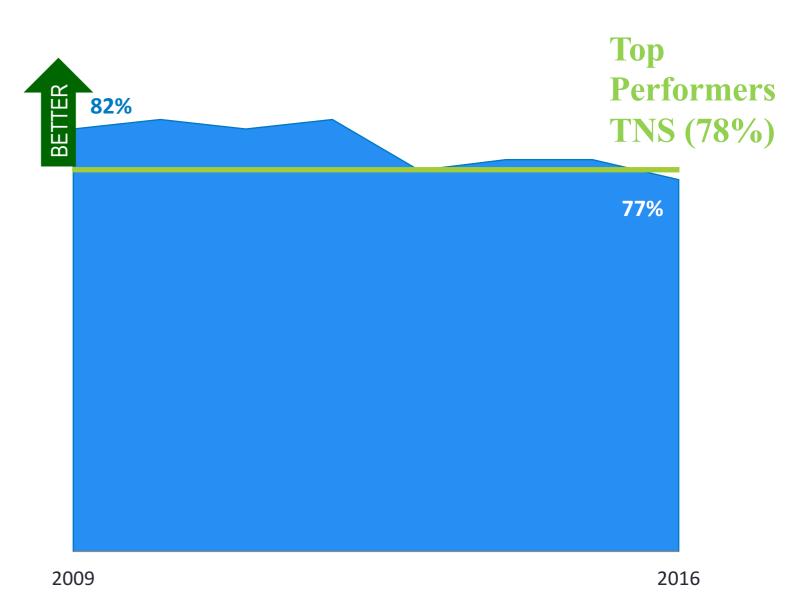


CUSTOMER LOYALTY

Employee Engagement

- 2016 survey decline reflected compensation inadequacies, driven by increased:
 - market compensation
 - competition
 - cost of living
 - employee turnover
 - contract labor usage
- ► 2016 Action taken:
 - Targeted compensation
 adjustments made in Fall of
 2016

Percentage of Employees Engaged



Agenda

Overview of St. David's HealthCare Our Baldrige Story Measuring our Progress Focus on Service



SUPPORTING THE VISION

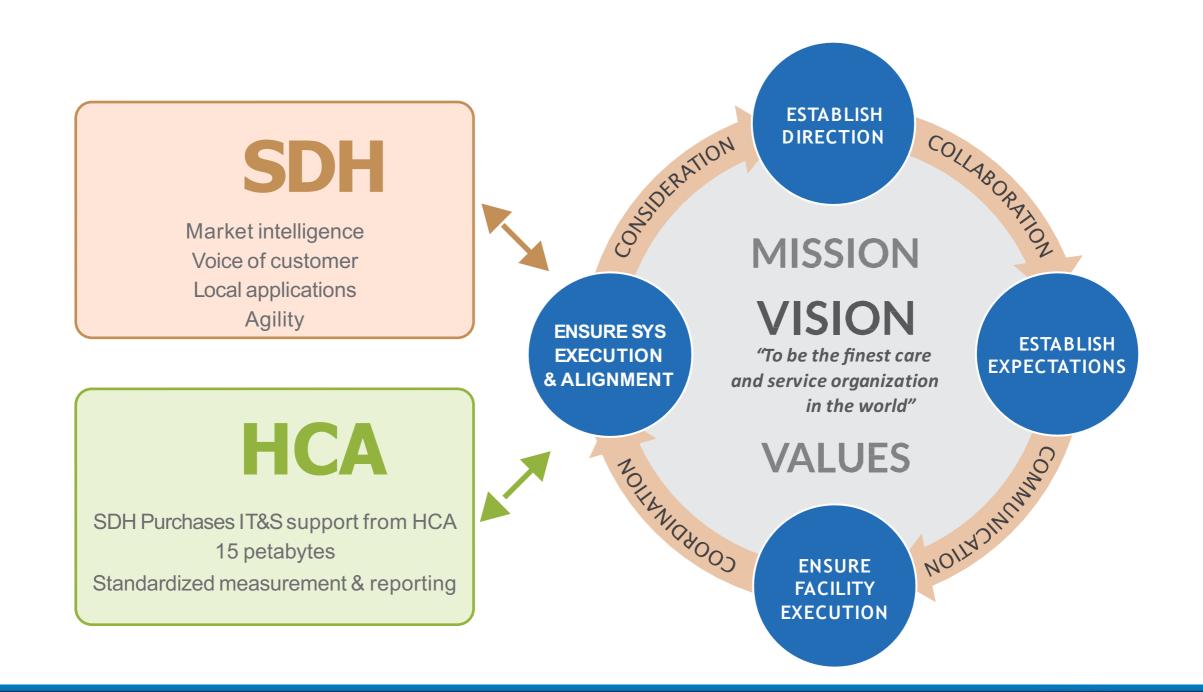


- Inspired by commitment to excellence
 - **Operating discipline:**
 - Supported by measurement
 and analysis
 - Applied to use of data
- Overall goal streamline and improve operations





Data Sources



STDAVID'S HEALTHCARE | INTRODUCTION



Establishing Direction



- Data used for strategic planning
- **Ongoing inputs**
- Market share intelligence
- Environmental assessment
- Budget assumptions and forecasts

STDavid's HEALTHCARE | SUPPORTING THE LEADERSHIP SYSTEM



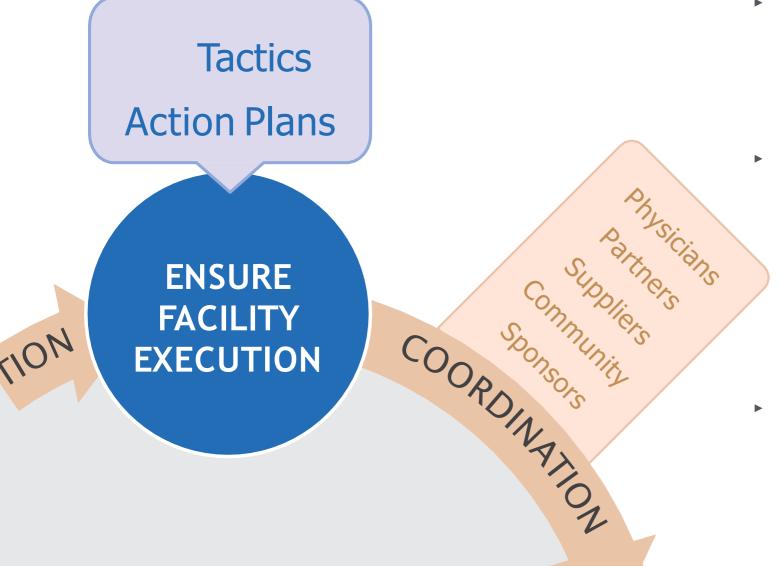
ESTABLISHING EXPECTATIONS



STDavid's HEALTHCARE | SUPPORTING THE LEADERSHIP SYSTEM



Ensuring Facility Execution



Monthly Operating Reviews

- Financial metrics
- Operating performance

Quarterly reviews

- Strategic plan
 - Quality
- Human resources
- Service excellence

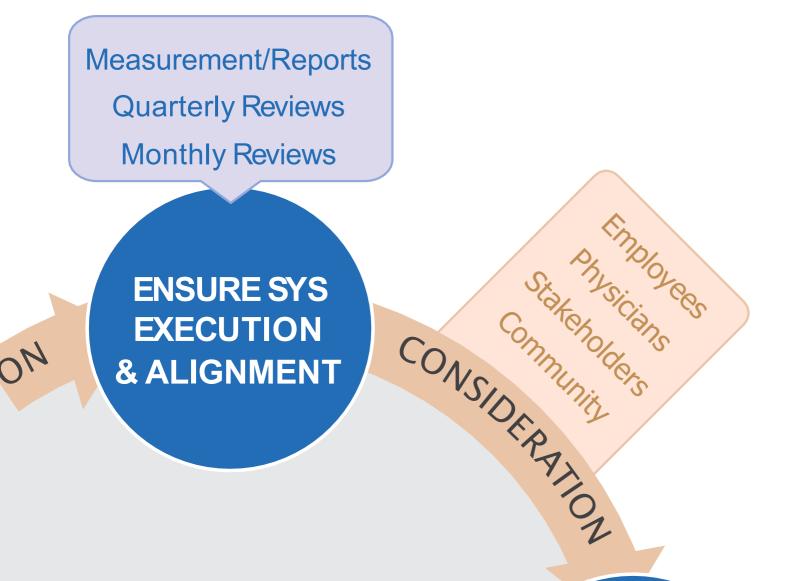
Productivity

- Labor management
- Contract labor utilization

STDavid's HEALTHCARE | OPTIMIZING THE LEADERSHIP SYSTEM



Establishing Alignment



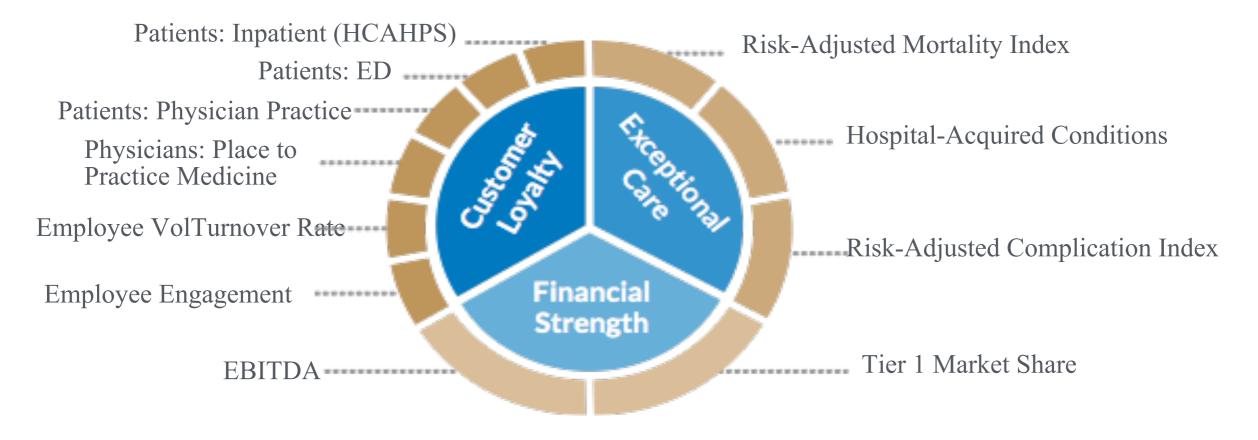
- Cascading measures and actions
- Performance dashboards
 - Facility dashboards
 - Department dashboards
 - Action plans
 - Measurement alignment
- Knowledge management
 - Shared learning across
 multiple entities





Performance Dashboard: A Balanced Approach

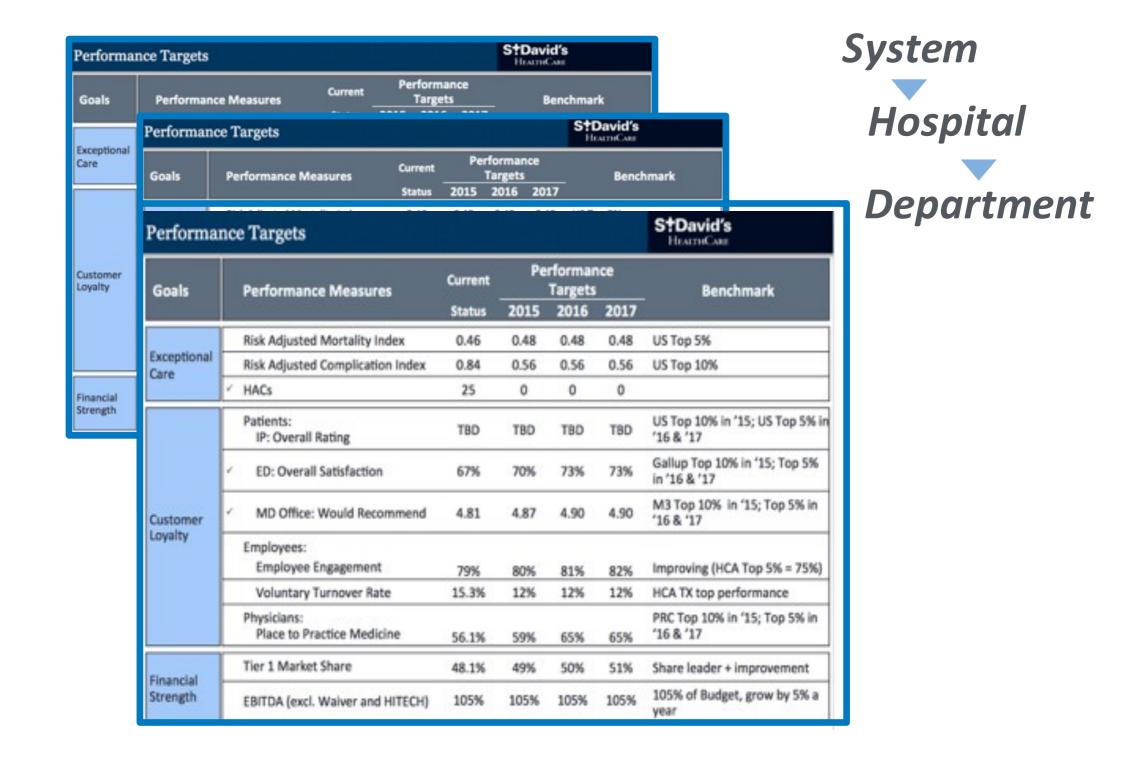
Goals and Performance Measures



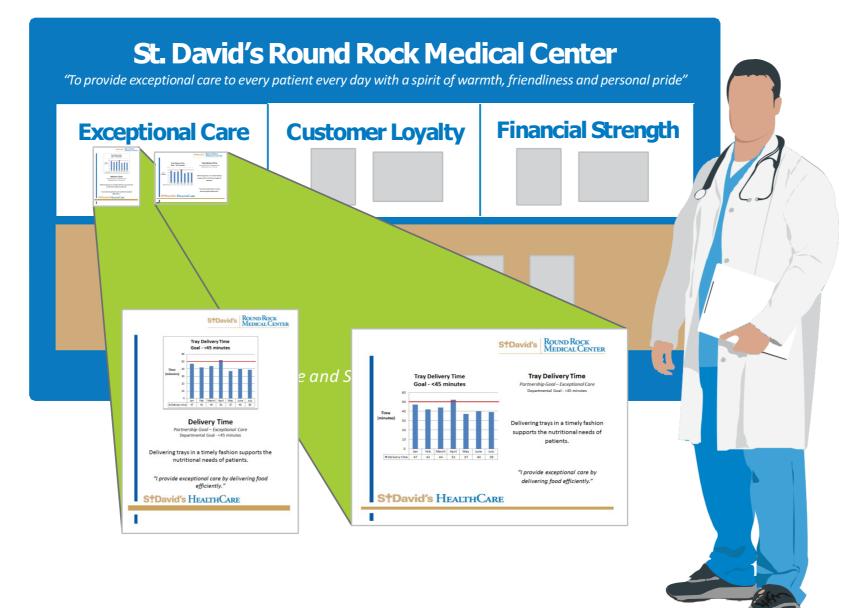
STDavid's HealthCare | MEASURING OUR PROGRESS



PERFORMANCE DASHBOARD

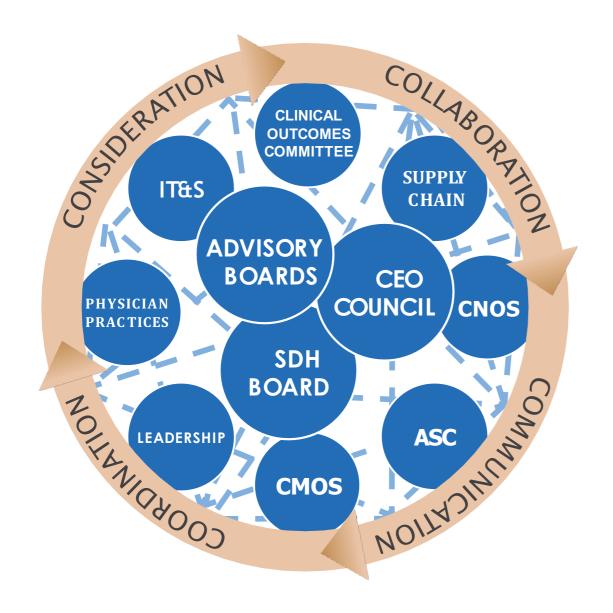


Department Performance Dashboard



PERFORMANCE DASHBOARD

Knowledge Management



 Similar roles meet on a regular basis to share best practices

 Groups collaborate and set standards for shared work processes and applications

 Meetings held and outcomes shared across the enterprise for consistency

 Unrelated issues discussed with other communities as needed — cross functional sharing



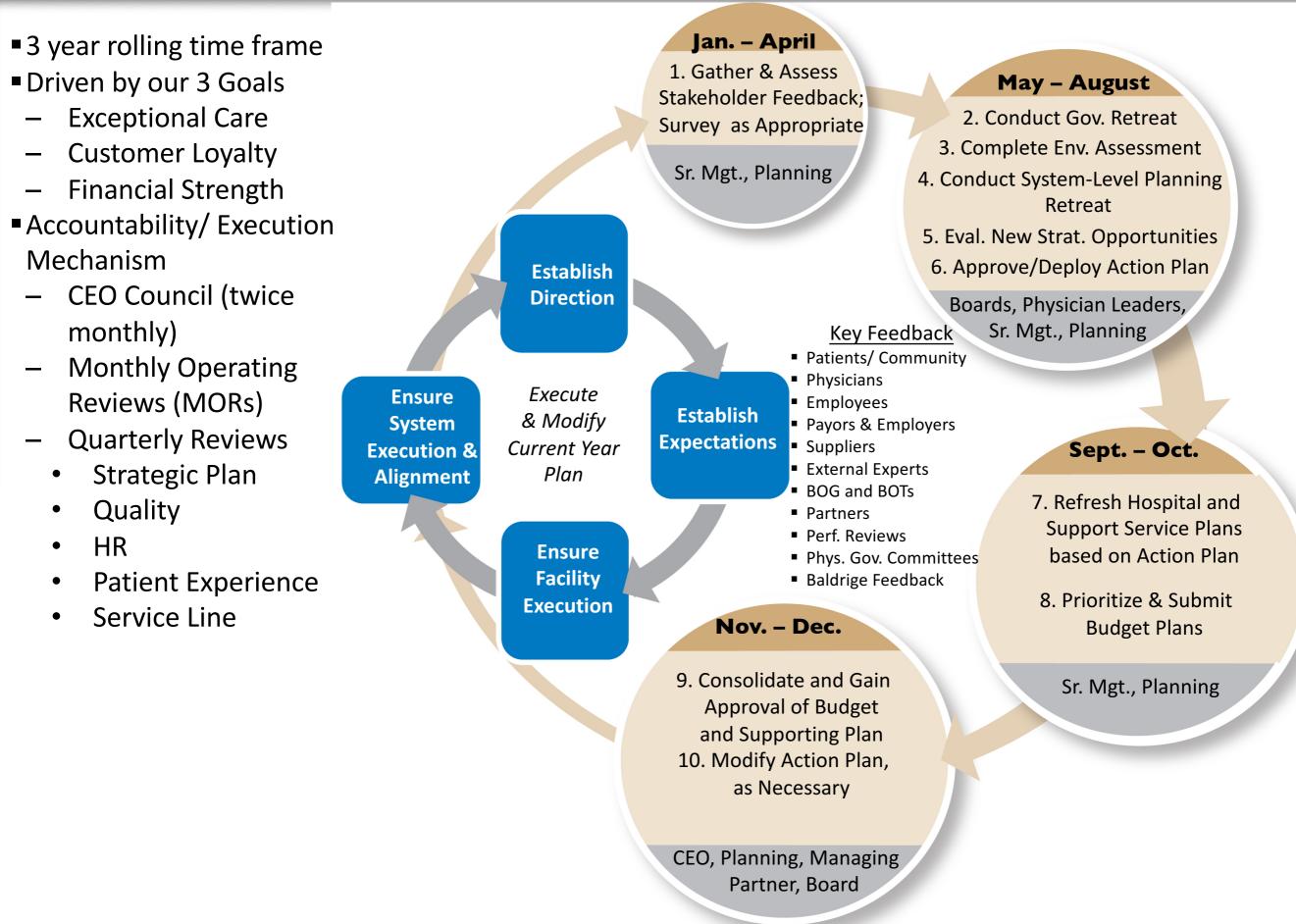
Sample Tools

StDavid's HEALTHCARE



Annual Strategic Planning Process

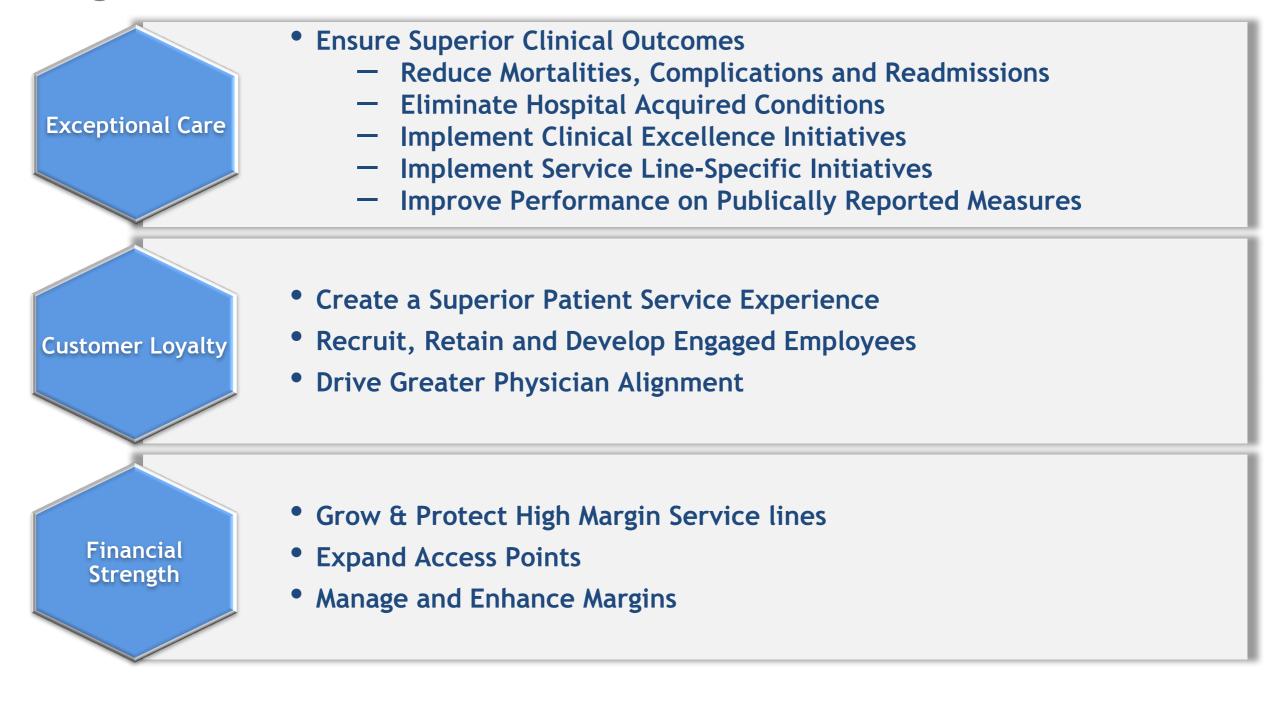
StDavid's HEALTHCARE Business Model





STRATEGIES

Strategies to Achieve Goals



Quality Review – Agenda Items to Review

Clinical Excellence

- 1. Mortality Index
- 2. Complication Index
- 3. Sepsis
 - a. Mortality Rates
 - b. Bundle Compliance
 - c. Sepsis Core measure results
- 4. Blood Utilization
- 5. ICU/Vent Performance
- 6. Supply Chain Initiatives (NEW)
- 7. Cardiac Outcomes
 - a. Cath-PCI (NCDR)
 - b. CV Surgery (STS)
 - c. TAVR (NEW)
- 8. Trauma Program Survey status update
- 9. Transplant program UNOS/CMS status update
- 10. Core Measures (CMS)
 - a. Inpatient
 - b. HBIPS
 - c. Outpatient

Preventing Harm

- 11. Hospital Acquired Infections (NHSN)
- 12. SSI / MRSA / C. diff Infections (NEW)
- 13. Hospital Acquired Conditions (Coded)
 - a. Never Events and HACs
- 14. PSI 90
- 15. 30 Day Readmission Rate (CMS)
 - a. AMI, HF, PN, COPD, TKA/THA, STK (NEW)
- 16. Medication Scan rates
- 17. Nursing % of Vitals taken with Vitals now

- 18. Radiation Safety Dose Watch Alerts CV and IR (NEW)
- 19. Leapfrog Summary
- 20. Risk Prevention Program Progress against Plan

Regulatory Compliance

- 21. Summary of Survey Findings
- 22. QRS Survey Findings
- 23. E&C Findings
- 24. CPC Red Flag Approvals (NEW)

Patient Experience

- 25. HCAHPS Overall Satisfaction
- 26. HCAHPS Comparison to Competition
- 27. Outpatient Tests /Treatment Overall Satisfaction

Departmental Focus

Emergency Department Review

- 28. Emergency Room Volume
 - a. Volume: Total, Adult, Peds, FSER budget/YTD/ YoY performance;
 - b. Strategic discussion on growth
- 29. ER & FSER Process Measures
- 30. Outpatient Core Measures (ED1 and ED2)
- 31. ER & FSER Satisfaction Metrics

Surgical Services Review

- 32. Surgical Volume:
 - a. IP, OP, ASC, vs. budget/YTD/YoY performance
 - b. Strategic discussion on growth
- 33. Efficiency Metrics: First Case on Time Starts, Physician Turnaround Time (Minutes)
- 34. Quality: IUSS
- 35. Same Day Surgery Overall Satisfaction
- 36. ASD Measures ASC Dashboard Metrics

Table of Contents

2016 AUSTIN BUSINESS PLAN RESULTS 2 □ AUSTIN MARKET COMPETITIVE LANDSCAPE 7 **Competitor Activity Market Share Opportunities & Headwinds 2017 AUSTIN BUSINESS PLAN** Financial Strength (Growth) 14 • Service Line Development • Emergency Services Access Points & Outreach Patient Migration Medical Staff Development • Marketing Exceptional Care (Clinical Quality) 26 Customer Loyalty (Stakeholder Experience) 28 • Patient Experience Employee Engagement **Financial Plan** 31 • Volume Statistics and Financial Plan Margin Improvement (PI Initiatives) Planned Capital Expenditures 65

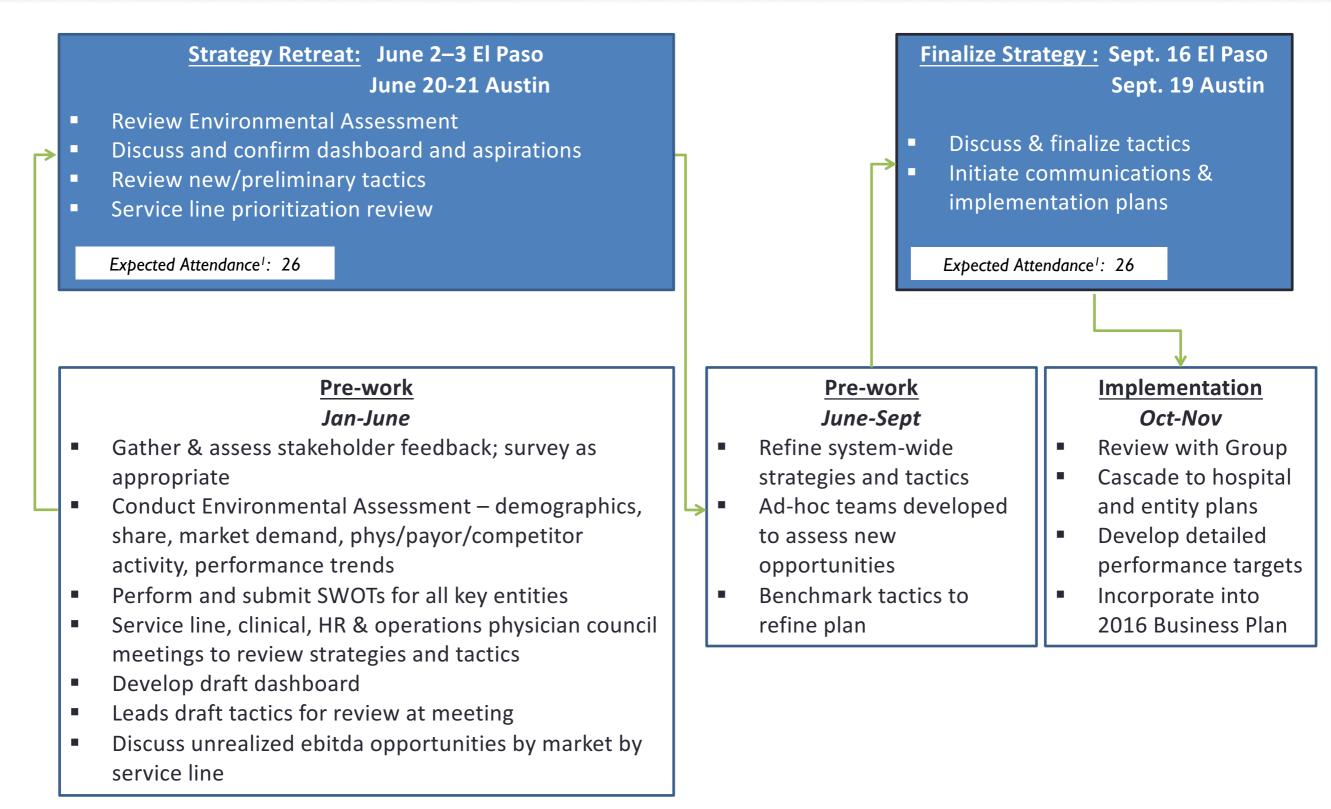


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2017-2019 C&WT Division Strategic Planning Process

StDavid's HEALTHCARE

INTRO



¹Austin Market Meeting Attendees:

Division President and CFO, Hospital CEOs, DCMO, DCLO, DHR, DECO, Division Clinical Innovation, CIO, SPA, Division VPs: Physician Relations/Marketing, Quality, Strategic Planning, PSG, Physician Recruitment, Corporate Services, PI, ASC & Service Line VPs.

Exceptional Care: Clinical Quality (Cont.)

StDavid's HealthCare

	Trend 2016		
Initiatives	Performance	2017 Target	2017 Plan
			 ED Physician-level bundle compliance reporting. Bundle compliance currently 63%
Sepsis Mortality	6% severe sepsis	• < 10%	7. Focus on fluid resuscitation 1-6 hours
	• 31% septic shock	• < 30%	 3. Monthly sepsis call including all Sepsis Coordinators, CMOs and Quality Directors
			4. Palliative Care initiative
Blood Utilization	1 57%	 >5.% mits tiven for HgB<7 	1. Expand review of all transfusions of HgB>7 to preology patients (SAMC and RRMC)
Pitocin Compliance	92.9%	·>95%	1. Deploy best practices across market
C	211		1. Palliative Care
Vent Management	3.9 vent days (new - baseline)	• <3.9	2. Sedation protocols
)	3. Delerium prevention
Antimicrobial Stewardship	• YTD \$6.30/APD	• \$4.97/APD	1. Expand antibiotic de-escalation using Vigilanz

Ensure Superior Clinical Outcomes

StDavid's HealthCare

EXCEPTIONAL CARE

Action Plan	Owner	Due
1. Mortality and Complications		
a. Provide physicians individualized complications reports and education on documenting complications	Benesh	Q2 2017
b. Review all CHOIS complications and mortality in <30 days to ensure accuracy of coding and develop individualized action plans (by facility)	Benesh	Q1 2017
c. CDI and coders to conduct pre-bill review of all mortalities to ensure accurate DRG and severity of illuess	Knight	Q1 2017
2. Palliative Care Program		
a. Implement criteria based daily assessment tool (ICU only) to identify eligible patient	Knight/Benesh	Q1 2017
b. Expand palliative care assessments for comfort care patients on all units (Mad-Sug)	Knight/Benesh	Q3 2017
3. Readmissions		
a. Establish facility HF physician leader and hold regular meetings to mprove serformance	Rice	Q2 2017
b. Track med rec by pharmacist and establish follow-up appointments prior to discharge	Rice	Q2 2017
c. Redesign care coordination and programs for HF, COPD, 2015 TH VTKR, CABG and AMI by leveraging best practices from large local physician groups	Rice/Jones	Q3 2017
4. Hospital Acquired Conditions and Hospital Acquired Infections		
•CAUTI		
a. Create a process to ensure all urine cultures meet NHSN criteria before ordered	Knight/Benesh	Q1 2017
b. Develop Foley reports that provide CNP, 2MO real-time metrics Foleys>2 lays, usage of Foley removal protocol, etc.)	Benesh	Q1 2017
c. Conduct daily i rounds on units to evaluate clinical necessity of Foley catheters	Benesh	Q1 2017
•CLABSI		
a. Develop live centralline report that drill, down on k v metrics (purpose of central line)	Benesh	Q3 2017
b. Conduct daily IP rounds on units to evaluate conjust necessity of central line	Benesh	Q2 2017
•C.DIFF		
a. Implement automatic stop order if specimen is not obtained within 48 hours	Knight/Benesh	Q1 2017
b. Modify Meditech screens to ensure patient meets criteria for C.Diff order	Knight/Benesh	Q1 2017

Agenda

- 1 Overview of St. David's HealthCare
- 2 Our Baldrige Story
- 3 Measuring our Progress
 - Focus on Service
 - Service Excellence
 - Voice of the Customer



S**†David's** HealthCare

4

Leveraging Baldrige to assess and improve service excellence

Benchmarking ourselves against the best of the best



Criteria provides:

- Discipline to refine processes and critical thinking
- Structure to measure and improve performance
- Platform to assess our performance against a proven management model
- External expertise to identify new opportunities for improvement

STDavid's HealthCare | FOCUS ON SERVICE



Positioned Service as a key element of success

- Expectations on par with clinical quality & financial strength
 Regular reinforcement at system- and facility-level
- Culture of service
- System-wide scorecard
 Tracking outcomes on goals
- Incorporated into annual strategic planning process





Malcolm Baldrige National Quality Award 2014 Award Recipient

Engaged Studer Group

- Studer supported our Mission and Goals
- Consistent with efforts to continuously improve performance
- Provided external perspective and expertise
- Offered benchmarks to and practices from the country's top-performing organizations



Evolution of Service Excellence

LEARNING

EXECUTION ACCOUNTABILITY

2005	2006 – 2007	2008	2009	2010 - 2014
 Introduction to Studer 	Studer Must Have's	 Must-Have Accountabilit 	 Focus on Execution 	 Focus Specific Must- Have's
 2-Day LAQ with Jay Kaplan Formal 	LEM ModelRoutine LAQs	y Matrix •Quarterly Service Reviews	 Consistency Standardized Behavioral standards 	(2X2's) •Hired Internal Coaching Capability
Coaching initiated	 Employee Forums 	Monthly Meeting Model	 Standardized uniforms 	 Provided skills labs to front line

STDavid's HealthCare | FOCUS ON SERVICE

Malcolm Baldrige National Quality Award 2014 Award Recipient

Set Expectations \ Accountability

- Behavioral Standards
- Embedded in initial employment application process
- Reviewed at orientation
- Consistently promoted through communications
- High performing staff teams use standard guides for peer interviewing
- 30, 90 Day conversations during on-boarding



Must-Have Matrix

Must Have Metrics	л Ца	b Fe	Ra	
Monthly Meeting Model (MMM)				
Monthly Report Card Up-to-date				
90 Day Action Plan Up-to-date				
Stoplight Report Completed				
Employee Rounding		-		
a) # due				
b) # completed				
c) % completed (b/a=c)				
# of improvements identified				
# improvement resolved				
# recognitions received				
# recognitions delivered				
Support Leaders Rounding on Units Served				
(Dept. to Customer Dept.) (4 - 6 per week)		1		
a) # should round				
b) # completed				
c) % completed (b/a=c)				
Senior Leader Rounding				
scouting report submitted				
Physician Rounding				
# of Physician Rounds				
Leader Rounding on Inpatients				
a) # should round				
b) # completed				
c) % completed (b/a=c)				
Leader Rounding on Outpatients				
a) # should round				
b) # completed				

23 Components Measured

- Consistent Application of:
 - Monthly Meeting Model
 - Action Plans
 - Stoplight Reports
- Effective Rounding
 - Employees
 - Leaders
- Patient Rounding
- Thank You Notes
- AIDET Audits
- Pre\post Calls
- HR Components
 - Peer interviews
 - 30 and 90 day
 - H-M-L



c) % completed (b/a=c) *Goal* = 90%



Building Leadership

- High, Solid, Low
- Starts with leaders
- Administrative review of ratings
- Leadership evaluation tool
- Goals cascaded and aligned
- Individualized goals and action plans





Monitoring and Supporting

- Leadership meetings at facility and market level
- Stakeholder engagement champion meetings
- Monthly Meeting Model standardized
- Formal standardized quarterly reviews with division
- Action plans to identify cause and effect
- "Must Have Accountability Matrix" tool



A Pursuit of Excellence

- Pleased that performance resulted in Baldrige award
- More work to do to realize our vision
- Our patients expect the best and they deserve the best
- Stakes and expectations are increasing
- Performance improvement never ends
 - Continuing to raise the bar
 - Maintaining focus on vision
 - Using the Baldrige process to improve

We are what we repeatedly do. Excellence, then is not an act, but a habit.

- Aristotle



StDavid's HealthCare

COMMUNITY BENEFIT

The St. David's HealthCare Partnership

Community Impact	1996-2016	2016 Change
• Does not raise funds <u>from</u> the community; distributes funds <u>to</u> the community	• \$395.7 million in community grants via Foundations	↑ \$65.8M
Provides indigent care	• \$4.8 billion in uncompensated care	↑ \$10.6M
Contributes to regional economy	• \$364.8 million in state and local taxes	↑ \$37.8M
 Reinvests in hospital infrastructure w/o incurring debt 	• \$1.6 billion in capital	↑ \$230M
Total Benefit	\$7.2 billion	↑ \$344.2M

Community Grant Partners

S**†David's** HEALTHCARE Results

The Foundations collaborate with 60+ nonprofit partners in these focus areas:

HEALTHY PEOPLE Investing in Primary and Specialty Care



AIDS Services of Austin • Any Baby Can • Austin Community Foundation • Breast Cancer Resource Center • CommuniCare Health Centers • Community Health Centers of South Central Texas-Luling • Easter Seals-Central Texas • El Buen Samaritano • Immunization Partnership • Lone Star Circle of Care • People's Comm-

unity Clinic • Planned Parenthood • SafePlace • Samaritan Health Ministries • Tandem Project • UT School of Nursing • Volunteer Healthcare Clinic





Any Baby Can • Austin Child Guidance Center • Austin Children's Services • Austin Clubhouse • ATC Integral Care

Center for Child Protection
 CommuniCare
 Communities In Schools of Central Texas
 El Buen
 Samaritano
 Family Crisis Center
 Foundation
 Communities
 Hays-Caldwell Women's Center
 Hope

Alliance • Interagency Support Council of East Williamson County • LifeWorks • Lone Star Circle of Care • People's Community Clinic • Safe Alliance • SafePlace • Samaritan Counseling Center • SIMS Foundation • Spirit Reins • Waterloo Counseling

HEALTHY LIVING

Promoting Health and Wellness



A Legacy of Giving • Austin Parks Foundation • Boys & Girls Clubs of the Austin Area • Foundation Communities • Marathon Kids • Sustainable Food Center • YMCA (MEND program)

HEALTHY SMILES Mobilizing the St. David's Dental Program



Austin ISD • Del Valle ISD • Hays Consolidated ISD • Manor ISD • Pflugerville ISD • Round Rock ISD • Capital Area Dental Foundation • AIDS Services of Austin • CommuniCare Health Center • El Buen Samaritano • People's Community Clinic • Volunteer Health Clinic • Health Alliance for Austin Musicians • Lone Star Circle of

Care • Manos de Cristo

HEALTHY AGING Serving Aging Populations



AGE of Central Texas • Area Agency on Aging • Austin Speech Labs • Bastrop County Emergency Food Pantry • Capital Area Food Bank of Texas • The Care Communities • Drive a Senior Network • Family Eldercare • Helping the Aging, Needy and Disabled • Hospice Austin • Meals on Wheels and More • Texas Ramp Project • UT School of

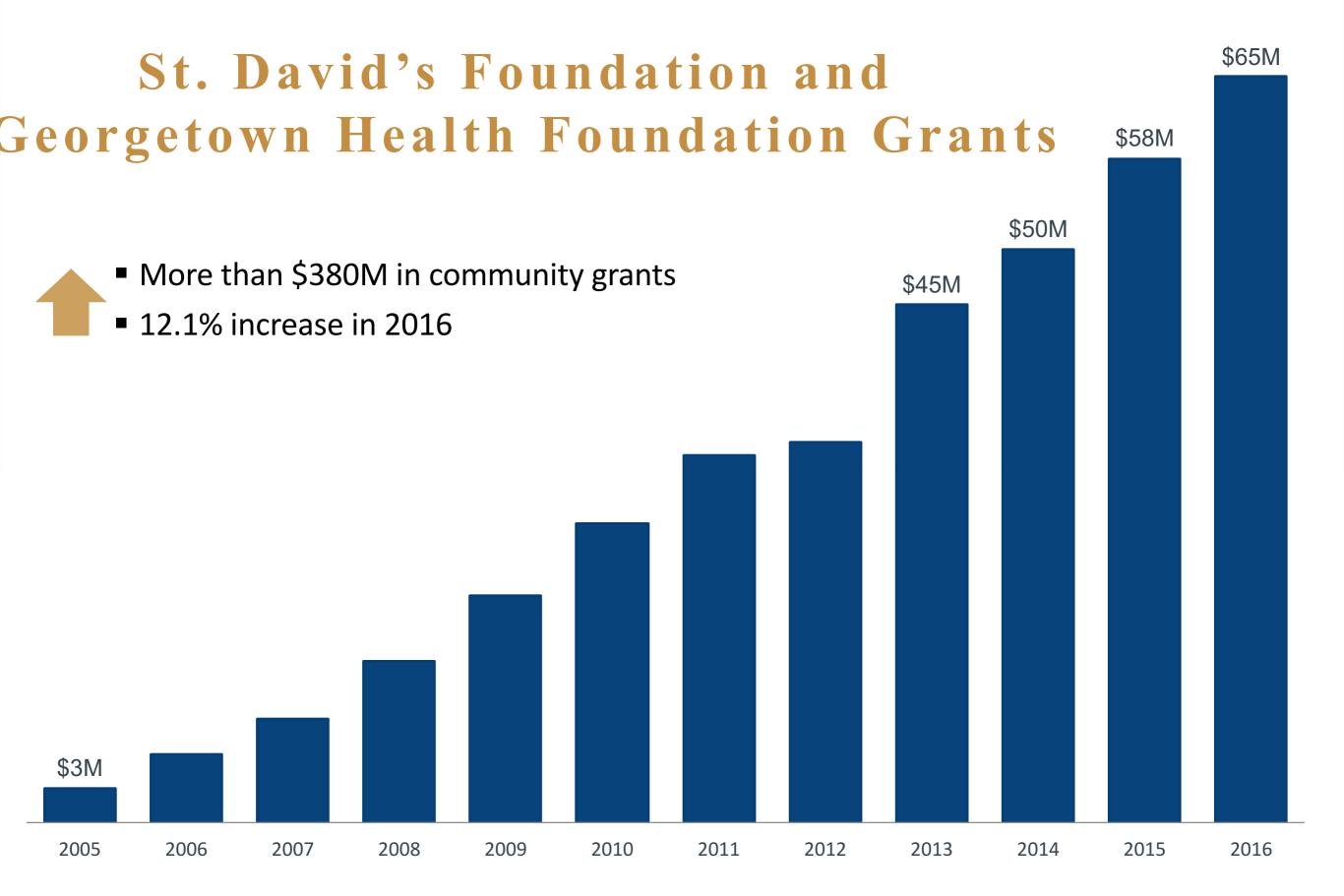
Social Work • Williamson-Burnet County Opportunities

HEALTHY FUTURES Advancing Health Education and Research



Capital IDEA • Huston-Tillotson College • Texas A&M • Texas Higher Education Coordinating Board • Texas State University • UT School of Nursing • UT School of Social Work

Community Grants



Thank you



StDavid's HEALTHCARE



Questions?

StDavid's HealthCare

