

Cost Reduction & Benchmarking, 10 Key Steps to Immediately Improve Profits

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The Ten Keys...

- Managing The Evolving Workplace
- Managing Change
- Materials Management
- Case Costing
- Recruiting New Physicians
- Staffing
- Schedule Compression
- Financial Management
- Billing and Collecting
- Benchmarking

Manage Evolving Workplace*

- Define the Evolving Workforce in Your Market
- Understand the Workforce Demographics
- Use the Work Force Values to motivate for optimal efficiency and production
- Maximize the Generational Differences

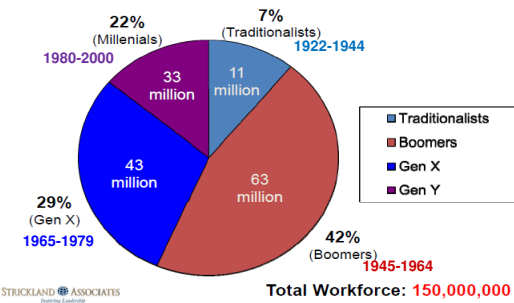
*<http://www.strickland-associates.com>. Sid Strickland, Strickland and Associates, Office: 321.214.0887

The Evolving Workplace*

- The available US labor workforce declined from 2.5% per year in 1965 to 0% available workers in the 1990's. Younger workers declined by 14%.
- By 2006, 80 million aging baby boomers totaled one-third of the nation's population.
- From 2010 – 2030, the U.S. population over age 65 will grow four times as much as it did in the last 80 years.

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US Workforce Demographics*



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Work Place Values*

	Traditionalists	Boomers	Gen Xers	Millennials
Career Goals	Build a legacy	Build a stellar career	Build a portable career	Build parallel careers
Rewards	Satisfaction of a job well done	Money, title, recognition, corner office	Freedom is the ultimate reward	Work that has meaning for me
Work-Life Balance	Support me in shifting the balance	Help me balance everyone else and find meaning myself	Give me balance now! Not when I'm 65	Work isn't everything. Need flexibility to balance my other activities
Job Changing	Carries a stigma	Puts you behind	Is necessary	Is part of the daily routine
Training	I learned the hard way, you can fool	Train 'em too much and they'll leave	The more they learn, the more they'll stay	Continuous learning is a way of life

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Minimizing Generational Differences*

- Educate your employees on generational differences.
- Be a good example.
- Utilize multiple types of communication tactics.
- Use varied training approaches.
- Adapt your management style for each generation.
- Emphasize commonality.
- Avoid characterizations based on age.
- Paraphrase before answering.
- Be careful about cultural or historical references.
- Draw on the strengths of each generation.

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Manage Change

- Learning Culture
- Leadership
- Communication

Managing Change

- Foster a Learning Culture...
 - Peter Senge — *a learning culture is a group of people who are continually enhancing their capabilities to create what they want to create*
 - Director of the Center for Organizational Learning at the MIT Sloan School of Management
 - B.S. in Aerospace engineering which proves once and for all.....
 - **The Fifth Discipline & The Fifth Discipline Fieldbook:** the art and practice of learning organizations & strategies and tools for building a learning organization

Managing Change

- Leadership:
 - Who spearheads the change?
 - Who needs to buy in?
 - How do you convert others?

Stakeholder Planning

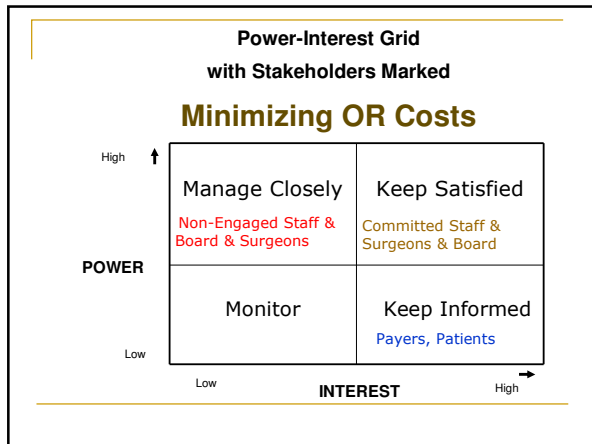
Who has the Power? Who has the Interest?

- What financial or emotional interest do they have in the outcome of your work? It is positive or negative?
- What motivates them most of all?
- What information do they want from you?
- How do they want to receive information from you? What is the best way of communicating your message to them?

Stakeholder Planning

Who has the Power? Who has the Interest?

- What is their current opinion of your work? Is it based on good information?
- Who influences their opinions generally, and who influences their opinion of you?
- How will you win them around or manage their opposition?
- Who might be influencing their opinions?



Ladder of Inference*

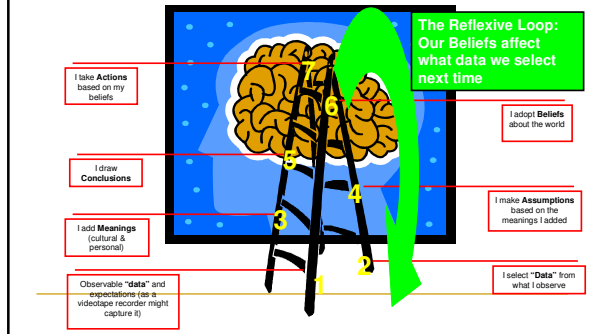
- Our beliefs are *the* truth
- The truth is obvious
- Our beliefs are based on real data
- The data we select is the *real* data

* Senge, Peter, *The Fifth Discipline Fieldbook*, pgs 242-246.

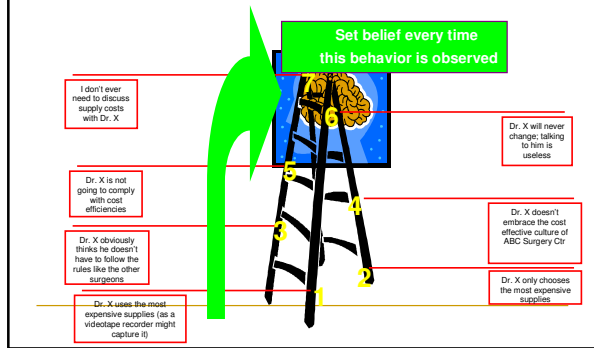
**Using the Ladder of Inference:
Recalibrate Thinking**

- What is the observable data?
- Does everyone agree on what the data is?
- Can you run through the reasoning?
- How did we get from the data to the abstract assumptions?
- When you said (what was inferred), did you mean (what was interpreted)?

Ladder of Inference – How It Works



Ladder of Inference – An Example



Communication - Balancing Inquiry and Advocacy*

- **Advocacy:** Present and argue strongly for one's position or belief
- **Inquiry:** Lay out reasoning and thinking to learn about others views and have them learn about yours
- **Goal:** Create dialogue for movement towards and acceptance of change; road to continuous improvement

Conversational Recipes for Improved Advocacy

What to Do

- State your assumptions and describe the data that led to them
- Explain your assumptions
- Make your reasoning explicit.

What to Say

- *"Here is what I think, and here is how I got there?"*
- *"I assumed that . . ."*
- *"I came to this conclusion because . . ."*

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Conversational Recipes for Improved Inquiry

What to Do

- Gently walk down the ladder of inference and find out what data they are operating from
- Use unaggressive language, particularly with people you are not familiar with these skills. Ask in a way which does not provoke defensiveness.
- Check your understanding of what they have said.

What to Say

- *"What leads you to conclude that? What data do you have for that? What causes you to say that?"*
- *"Instead of 'What do you mean?' Or 'What's your proof?' Say 'Can you help me understand your thinking here?'"*
- *"Am I correct that you're saying . . ."*

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Conversational Recipes for Balancing Advocacy with Inquiry

When . . .

- Strong views are expressed without any reasoning or illustrations
- The discussion goes off on an apparent tangent . . .
- You perceive a negative reaction in others . . .

. . . You might say

- *"You may be right, but I'd like to understand more. What leads you to believe . . .?"*
- *"I'm unclear how that connects to what we've been saying. Can you say how you see it as relevant?"*
- *"When you said (give example)...I had the impression you were feeling (fill in emotion). If so, I'd like to understand what upset you."*

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Materials Management

- Supply costs are one of the 2 largest expenses in ASCs
- Costs are controllable
- Must be closely monitored
- Checks and balances must be in place
- Embrace technology

Materials Management (Inventory)

- Utilize software inventory module
- SourceMedical reports 25% - 30% of centers have a good handle on full perpetual inventory control (tracking quantity on hand)
- QOH – Item in software matches what's on shelf
- Requires that total inventory system is utilized
 - Create POs
 - PO receiving
 - Physical counts
 - Preference cards
 - Adjustments in bulk items
 - Spot inventory checks
 - Par level
 - Location level maintenance
- Gary Clark, Regional Vice President, Sales, SourceMedical Solutions, Inc., September 7, 2010

Materials Management

- Most centers do some form of inventory maintenance
 - Time and labor intensive
 - Attention to detail is critical
- ASCs cannot afford to ignore the computerized inventory system

The devil's in the details

Materials Management (Inventory)

- Assign one person to enter data
- Use standardized language to build categories of supplies
- Enter current, updated preference cards
- Determine unit pricing
 - Unit of measure: smallest quantity that can be utilized and to which a cost can be assigned; unit used for case costing
- Ensure vendor information is accurate, inc. terms of payment
 - Due on receipt
 - Net 10
 - Net 30
 - 2% discount if paid within 15 days

Materials Management (Inventory)

- Materials Management role
 - Assign to one person
 - Not necessarily a full-time FTE, especially during start up
- Set up internal controls
 - Assigns authorization to purchase, establishes control of assets, allows for valuation of goods
- Maintenance of inventory information
 - Current
 - Loaded in computer system
 - Verified upon ordering and again when invoiced

Materials Management (Inventory)

- Limit inventory on hand
 - Consider how often supplies are delivered
 - Review surgery schedule 1 week ahead
 - Ensure supplies and implants are available to cover scheduled cases
- Consign as much as possible
- Assign a nurse to order drugs
- Do not drop ship
- Use a GPO

Materials Management – GPO (Group Purchasing Organization)

- Requires enrollment for contract implementation
- Tiers affect pricing
- Assistance with contract compliance
 - Pricing audits
 - Velocity reports (usage audits)
 - Resolution of problems (i.e. back orders)
 - Rebates
- Items or manufacturers may not be on contract
 - Request a local contract

Materials Management (Ordering Process)

Consider:

- Cost of items, inc. freight charges
- Frequency of delivery
- Vendor truck vs commercial carrier
- Payment terms
- Return goods policy
 - Restock charges
 - Credit only

Materials Management (Ordering Process)

- Flexibility in UOM orders
- Minimum orders
- Contract price thresholds
- Availability
 - Special orders
 - Non-stock orders
 - Standing order management
- Service
- Back order rate
 - Propofol, Fentanyl
- Invoice accuracy
- Ease of ordering

Materials Management (Storage)

- Control where supplies are stored
- Consider not having cabinets in the ORs or PRs
 - Nurses are hoarders
 - Independently check supply areas for overstocking
- Use movable carts, i.e. suture carts, specialty carts
 - Move them out of the OR when not in use for a case
- Avoid the “Fish Bowl concept”
- Establish par levels
- Put pricing on supplies in storage area

Materials Management – Service Contracts

- Expensive line items
- Review all contracts
 - Do you really need them?
 - New equipment will be under warranty
- Be selective with maintenance contracts
 - Select service option for PM check only, technician labor & travel time
 - Better to take the risk and pay for occasional repair

Materials Management – Service Contracts

- Recommended contracts:
- HVAC
 - Emergency generator
 - Medical gas manifold
 - Vacuum pump
 - Autoclaves
 - Anesthesia machines
 - Hi-tech equipment where software releases & upgrades are included
 - C-arms – calibration only – not the tube

Materials Management – Service Contracts

Contracts are usually not recommended for:

- Microscopes
- Monitors (anesthesia monitors are covered with anesthesia machines)
- Cautery
- Video equipment

Non-contract service calls will usually be less expensive than the amount of the yearly service contract

Implement Case Costing

- Key – Current Inventory, Preference Cards
- 3 Every's:
 - Every one, Every case, Every time
- Monthly review and discussion
- Best practice

Case Costing

- Meter time in & time out

- Cost / Minute =

$$\frac{\text{Total Costs} - \text{Supply Costs}}{\text{Total O.R. Minutes}}$$

Simple: Everything revolves around the OR Minute

Case Costing: Calculating the OR Minute

Step 1: By accounting period (month)

*Overhead (minus supplies) / OR minutes = OH per OR minute

Step 2: By 1° CPT/Surgeon:

(OR mins x OH per OR minute) + Supplies = Case Cost

*Overhead is the total expense for the month from the P & L statement (cash accounting) minus medical supplies

Case Costing

■ Example:

- Revenue = \$300,000
- Supplies = \$77,000
- Distribution = \$75,000
- Debt Service = \$40,000
- 200 Cases @ 30 Minutes each

Case Costing

Cost = Revenue - Supply - Dist. - Debt Service

Cost = 300,000-77,000-75,000-40,000

Cost = \$108,000

Total O.R. Minutes = 200 cases X 30 min.

Total O.R. Minutes = 6,000 Minutes

Var. Cost / Min. = $\frac{108,000}{6,000}$ = \$18 / Minute

Where Does the Information Come From?

- Vendors
- Software reports – P & L, OR times, etc.
- Preference cards

Sample of Board Report for Spine Surgeon

Key DOS	Account #	Prim proc	Prim payer	OR Mins	Supp cost	Overhead	Tot cost	Billed Chrgs	Receipts	Profit/Loss
Neuro Spine Surgeon										
12/09/09	9040	22554	Comm2	69	4,034	1,316	5,349	66,941	10,453	5,103
12/09/09	12049	64721	Comm1	30	109	572	681	4,891	-	(681)
12/16/09	7882	63030	Comm3	80	559	1,526	2,084	13,829	1,659	(425)
12/16/09	12067	22554	Comm3	62	3,424	1,182	4,607	60,040	14,138	9,531
12/23/09	11857	63030	Comm4	83	578	1,583	2,161	13,829	7,466	5,205
			G-TOTAL	324	8,703	6,179	14,882	169,629	33,716	18,834
		5 case	Average total per case		1,741	1,236	2,976	31,906		

Case Costing

Procedure	Primary Payer	Charge	Supply Cost	OR Time	Overhead Cost	Total Cost	Total Revenue
29826 Arthroscopy, Shoulder	Peerless Insurance	7,743.00	729.18	94	575.28	1,304.46	2,166.80

Recruit New Physicians

- Constant - cold calling vs. networking
- Target specialties – Ortho, Pain, Spine
- Trial 3 x, VIP treatment protocol
- Top managers with new physician from moment enters building until leaves
- Summary of case when leaves OR for every case

Staffing

- One of 2 largest expenses for the center
- Utilize a core staff of full-time employees
 - Base on scheduling assumptions
 - Business Office – usually full-time
- Supplement with part-time & per diems
- Don't guarantee any set hours or schedules
- Cross train
- Business Office (hire lean at first)
 - Scheduler/insurance verifier
 - Biller/collector
 - Business Office Manager not always justified if case numbers are low

Staffing

- RN must oversee clinical operations
- Employees will have multiple roles
 - Infection control nurse
 - QAPI coordinator
 - Safety officer
 - Radiation safety officer
 - Risk Manager
 - Miscellaneous
- Time must be used wisely
- Restrict overtime – should be zero
- Do not use agency employees

Staffing

- ORs/PRs – 1 RN circulator + 1 surgical tech
- IVCS – dedicated nurse
- Instrument tech
- Radiology tech
- Materials Manager
- Nursing assistant/orderly – very cost-effective

Staffing – Whatever It Takes

- Patient transport
- Clean
- Restock
- Relieve co-workers in other areas
- Track supplies used for case costing
- Pre-op calls
- Post-op calls
- Entering case history in computer
- Assist Business Office as needed

Staffing – Whatever It Takes

- ASCs don't have:
 - BioMed in house
 - Maintenance
 - Housekeeping to clean between cases
- ASCs must:
 - Track infections
 - Participate in QAPI program
 - Complete competency training/in-services
 - Complete required drills

Staffing - Challenges

- Keeping staffing lean while completing regulatory requirements
- Preventing staff burnout
- Accommodating employees' need for hours while controlling costs
- Placing people in roles that will enhance their job satisfaction

Schedule Compression

- Analyze cases to determine:
 - Days of the week ASC will open for cases
 - Number of ORs or PRs to open each day
- Solicit preferred operating times from physicians but make no promises
- Do not create "typical" block schedules
- Involve anesthesia providers
- Educate physicians - schedule will be reviewed periodically and blocks will be reallocated

Schedule Compression

- Implement vertical scheduling
 - Schedule physicians in sequence to fill ORs/PRs
 - Open rooms only if you can fill them
- Use historical case time to allocate times to physicians
- Involve the Clinical Coordinator
 - Schedule affects staffing
 - Impacts hiring
 - Consider case mix and equipment conflicts

Schedule Compression - Physicians

- Talk with physicians often
- Assumption: Many won't be happy
 - They aren't used to this concept
 - Delusions of grandeur ("I need more time"; "I can do more cases than time allotted"; "It doesn't take me that long to do the case".
 - Can't/won't change office schedule
- Develop schedule to allow enough time for physicians to change office schedule

Schedule Compression - Physicians

- Meet with and adjust schedules for those who won't budge, especially if center has been operating under "old rules"
- Go back and forth until the schedule is "set"
- This process takes time & energy
- Obtain physician signatures of approval

Schedule Compression - Schedulers

- Meet with office schedulers
 - Make sure they understand - their physicians have signed off on the schedule
 - Doctors may need to intervene with their schedulers
- Provide them with surgery time slots
 - Explain that this is a ramp up schedule and will change several times in first year; less often after that
 - Explain importance of releasing blocks

Schedule Compression - Schedulers

- Provide list of payer contracts & keep this list current
- Explain OON protocols, if applicable
 - ALL outpatient cases should be scheduled at ASC
 - ASC will verify benefits within 24 hours and get back to the office if case cannot be done at center
 - In some cases, promise a 4 hour turn around, especially at the beginning of operations

Schedule Compression – Computer System

- Create surgery schedule in software system
- Involve Clinical Coordinator re: frequent review of schedules
 - Look for equipment conflicts
 - Staffing issues
- Review schedule regularly
 - If physicians aren't using allotted time
 - Has there been ongoing conversation? One-sided or dialogue
 - Are there extenuating circumstances? Vacation, sick leave
 - How much time are they leaving unused?
- Reduce allotted times
- Discuss scheduling at every Board meeting to increase awareness and attempt to increase cases

Schedule Compression

- When does opening an additional OR make sense?
 - Scheduled rooms are %%% full (Board decision)
 - Busy surgeon joins the medical staff
- Don't open additional room to flip cases except in unusual circumstances
- Consider opening an extra OR one day per week; not every day

Schedule Compression - Considerations

- Scheduling affects anesthesia providers
 - Running several rooms for ½ days increases anesthesia providers' costs
 - Requires more anesthesia providers who are billing < full days
 - Closing one – two days per week allows anesthesia providers to work elsewhere

Schedule Compression - Considerations

- Office schedulers
 - have the physician's ear & lots of history from working with doctor;
 - are probably comfortable booking at the hospital or other ASCs;
 - see this as a LOT of extra work; and
 - may be passive aggressive about not complying with physician's instructions

Schedule Compression - Considerations

- Office schedulers
 - Loyalty requires some work-around
 - Help schedulers as much as possible
 - Do what you promise (insurance verification within 24 hours – happens within 24 hours)
 - If MD tells you that this isn't happening, ask to see the scheduling sheet in order to research the situation – then get back with the physician

Financial Management

What finances do you manage?

Financial Management

What finances do you manage?

- Accounts Payable
- Accounts Receivable
- Banking
- Benchmarking
- Billing
- Case costing
- Coding
- Contracts – review and improve
 - Payer
 - Vendor

Financial Management

What finances do you manage?

- Fraud
- Inventory
- Landlord
- Month-end / Year-end
- Partners
- Reconciliations
- Reports – Daily, Weekly, Monthly, Annual
- Segregation of duties
- Staff
- Supplies

Financial Management – Bank relationship

- Cash accounts
- Line of credit
- Loan
 - Covenants
 - Reporting
 - Add-on financing
- Lockbox
- Positive pay
- Merchant services

Financial Management – Reporting

Daily report:

- Maximum oversight
- New, changed, or troubled centers
- Contents:
 - # of cases (MTD, scheduled, next month)
 - Staff hours (Clinical, Admin)
 - OR patient time
 - Charges
 - Payments
 - A/R Days
 - A/P Balance
 - Cash Balance
 - Average turnover time

Financial Management – Reporting

Weekly report:

- Standard – required report
- Bonus contingency
- Contents:
 - # of cases (Week, MTD, activities to increase)
 - Contracting
 - Recruitment
 - Goals for the week
 - Report on last week's goals
 - Bank balance
 - A/R balance, Days A/R Outstanding
 - A/P balance
 - Collections
 - Case costing?

Financial Management – Reporting

Monthly report:

- Standard – required report
- Bonus contingency
- Contents:
 - # of cases
 - Days of surgery
 - Charges / Collections
 - Medical supplies
 - Payroll
 - Distribution
 - A/R aging balances
 - Board meeting agenda items
 - Patient satisfaction surveys

Billing & Collections Management

Keys to Success:

- Administrator
- Staff
- Process
 - Transcription
 - Coding
 - Training
 - Outsourcing
 - Quality control

Billing & Collections - Administrator

The most important factor in successful AR:

- Administrator is **responsible**
- Administrator **knows** the AR protocol
- Administrator is **consistently involved**
- Administrator **monitors** the AR process
- Administrator **follows up**
- Administrator **tracks** success
- Administrator **reports** results

Billing & Collections - Staff

- Hire the right people
- Pay extra to keep good staff
- Don't scrimp
- Train regularly
- Challenge
- Motivate

Billing & Collections - Process

Accounts Receivable Protocol:

- **Pre**-verify benefits
- **Pre**-notify patients
- **Pre**-collect patient amounts
- Transcribe timely
- Code accurately
- Post payments timely
- Follow up

Billing & Collections - Process

Accounts Receivable Protocol:

- Follow up
- Follow up
- Follow up
- Follow up
- Follow up
- Follow up
- **Follow up !**

Participate in Benchmarking

What is benchmarking?

- Compare yourself to your peers
- Identify good and bad performances
- Understand differences

Why Benchmark?

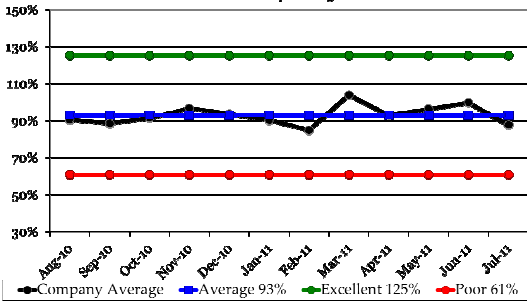
- Improve quality
- Improve performance
- Improve profit
- Accreditation REQUIREMENT
- Learn how your center *should* / *could be* running

Benchmarking – what to bench

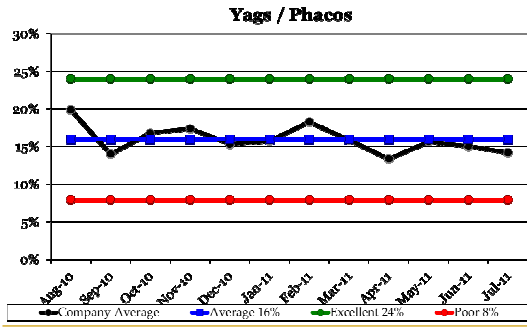
- CRITICAL CONTROLLABLES, such as:
- Clinical indicators
- EBITDA Margin
- Case volume
- Efficiency / throughput
- Collections
- A/R days outstanding
- Supplies \$ per case
- Payroll \$ per case
- Patient satisfaction surveys

Benchmarking – examples

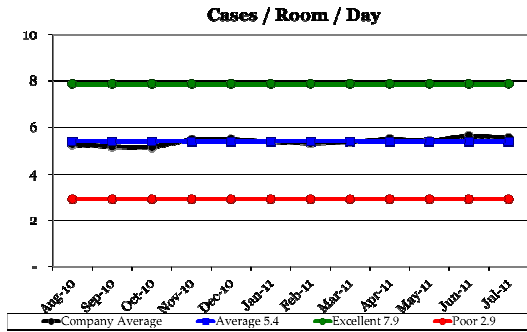
Cases / Projected



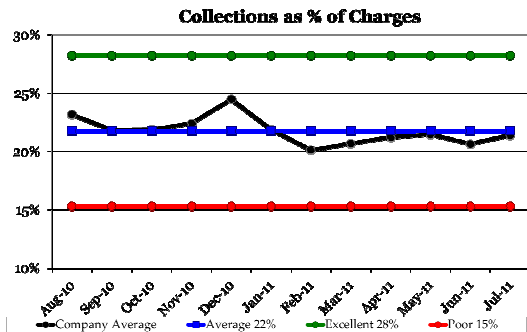
Benchmarking – examples



Benchmarking – examples

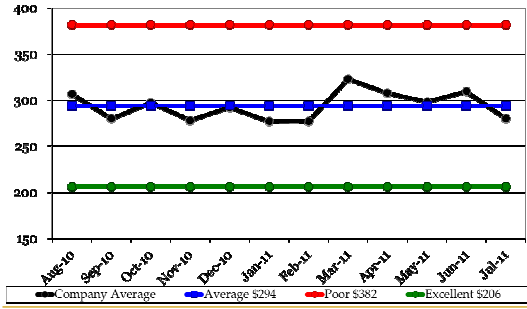


Benchmarking – examples



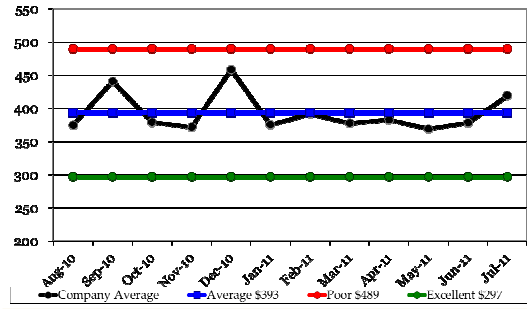
Benchmarking – examples

Supply Cost per Case



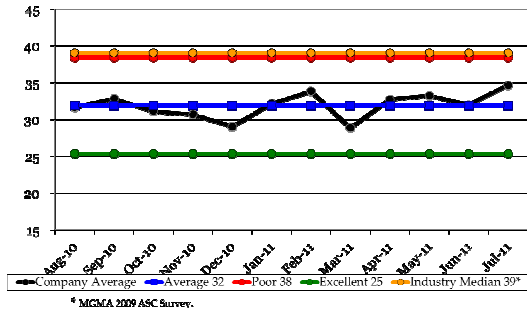
Benchmarking – examples

Payroll per Case



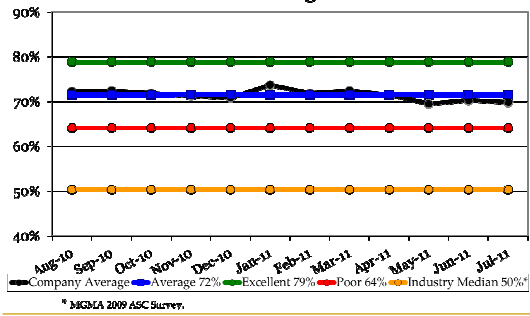
Benchmarking – examples

AR Days Outstanding



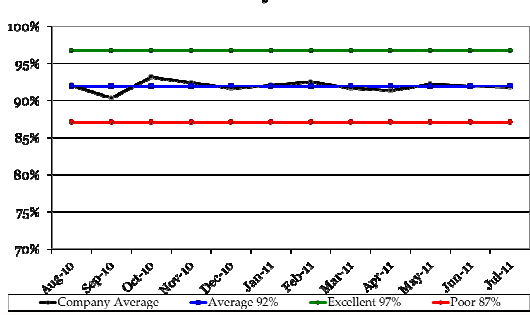
Benchmarking – examples

AR Percentage Current

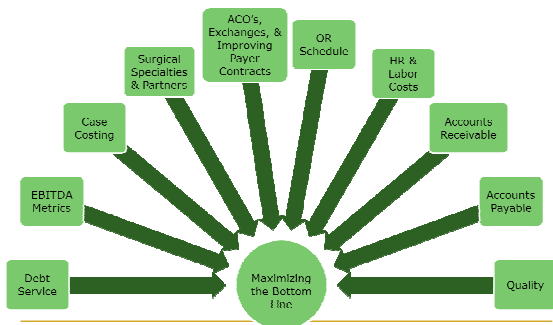


Benchmarking – examples

Surveys % Excellent



Stay Focused on...



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Questions?
