

## **Building an Organization-Wide Provider Recruitment Plan:** Strategies and Analytics to Support Strategic Development

# HSG Speakers



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# Presentation Overview



- Definitions and Overview
- Common Challenges with Recruitment Planning
- Critical Data Elements to Support Recruitment Planning
- Bringing Organizational Stakeholders into the Process
- Finalizing and Refreshing Recruitment Plans
- Baby Steps Towards Organizational-Level Planning



# **Definitions and Overview**



## Organization-Wide Provider Recruitment Plan *Definitions*

### **Differing Nomenclature by Health System**

- "Physician/Provider Workforce Plan"
- "Physician/Provider Development Plan"
- "Physician/Provider Recruitment Plan"
- "Medical Staff Development Plan"

### **Core Characteristics - Centralized Plan Defining:**

- Recruitment Needs by Specialty
  - Physicians (and ideally APPs)
- Timeframe for Recruitment
- Rationale for Recruitment
- Recruitment Model (employment, support for independent practice, other)
- Ideally, with organizational agreement across stakeholder groups (health system leadership, hospital leadership, employed provider network leadership, service line leadership) on what the recruitment priorities are.



## Organization-Wide Health System Provider Recruitment Planning in 2024

- Health System strategic objectives are increasingly focused on improving access and overall customer experience. However, many Health Systems are finding gaps in their deployment of their provider resources that are creating barriers which are hard to surmount - access to the right provider, in the right location, at the right time, and with the right provider capability.
- To address this, Health Systems must greatly enhance the way they evaluate how their provider recruitment strategy will support the health system's overall strategic vision.
- Many organizations still focus on physician and advanced practitioner recruitment as a disconnected process that is the end result of multiple service line and employed physician network strategies. Instead, Health Systems should focus on their recruitment planning as an opportunity to centralize their growth and access strategies, with a focus on proactively identifying the provider complement that will enable the execution of the Health System's overall strategy.



## Common Challenges with Organization-Wide Recruitment Planning in Health Systems

These common challenges result in recruitment plans disconnected from the strategy of the organization – resulting in unavailable provider resources to effectively serve strategic need (or recruiting too many providers who do not serve strategic need.

| Challenge  | Description   |
|--|---|
| Myopic Community Need-<br>Focused Planning               | Evaluating provider need through the lens of one question: "Does our market have an under/over supply of (insert specialty)." An alarming number of Health Systems ask this, and only this, question when considering provider need. The answer becomes the basis by which recruitment decisions are made – completely absent of the strategic context that Health Systems should be layering around their recruitment decision making. |
| Not Tying in Geographic<br>Ambulatory Growth Strategy    | Building new or existing growth strategies that require provider recruitment support in a vacuum; disconnected from recruitment planning activity   |
| Not Involving Organizational<br>Stakeholders             | Tasking decision making to a non-strategic "Medical Staff Development Planning" or "recruitment" committee that is not directly involved with the Health System's strategic planning or integrated with the employed network's management infrastructure.   |
| Building a Plan, but Ignoring<br>It or Not Updating It   | Building a three-year or longer plan but then not updating it and/or constantly finding "exceptions" to why recruitment outside of the plan is needed based on anecdotal criteria   |
| Not Considering Existing<br>Capacity for Internal Growth | Making recruitment decisions based on the desire for "growth" with the assumption that more FTEs are needed; rather than focusing on how to grow volumes within existing array of providers within a specialty  |
| Focusing on Physicians Only                              | Assessing only physician need and not considering the role of the Advanced Practitioner as a strategic resource whose addition must be forecasted to drive access   |



# Framework for Medical Staff Development Planning



## Framework for Organization-Wide Recruitment Planning



#### What strategic and market dynamics should the Medical **Staff Development Plan consider?**

- Health System Strategy
- Outpatient Service Growth
- Service Line Strategy Ambulatory Footprint Growth

Provider Demand

• Market Velocity Towards Value Competitor Strategy & Activity

#### What data points should be aggregated to provide a comprehensive overview of provider need?

- Patient Attraction & Retention • Existing Provider Capacity & Access Provider Supply & Alignment
  - Provider Workforce Age Dynamics
  - Provider Opinion



#### What Health System stakeholders should be involved in building the Plan?

Executive Leadership

Hospital Leadership

- Service Line Leadership
- Planning Leadership Recruitment Leadership
- Employed Network Leadership



#### What recruitment considerations should the final Plan consider?

 Strategic Growth Priorities Critical Succession Needs

• Future Strategic Needs

- Long-Term Succession Needs Provider Mix Dynamics
- Geographic Placement

- Consideration of Strategic Dynamics impacting system recruitment needs
- Aggregation of key quantitative and qualitative data, tied to strategic market areas
- Synthetization of data with representative leadership of health system
- Development of Comprehensive Plan that • is consistently updated and appropriately reconsidered on a recurring basis



# **Critical Data Elements to Support Recruitment Planning**



## Critical Data Elements to Support Recruitment Planning

- Developing Strategic Market Definitions to Evaluate Provider Supply, Provider Need and Competitive Performance
- Evaluating **Provider Supply and Demand** by Specialty and Geography
- Evaluating **Succession Planning** Issues
- Evaluating Access and Capacity within Current Array of Specialties, Practices and Providers
- Defining Ideal Mix of Physicians and Advanced Practitioners by Specialty

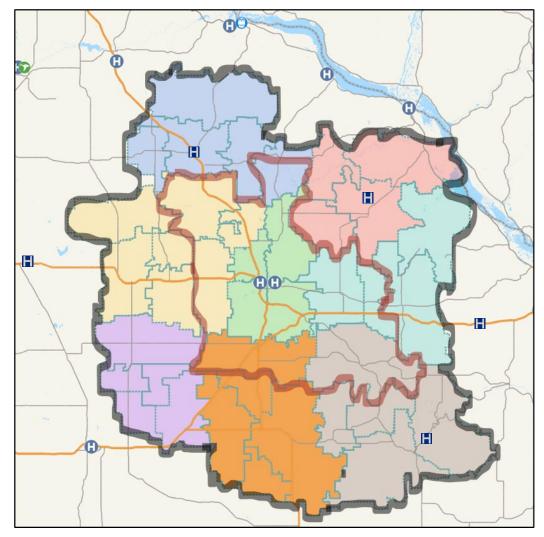


# **Critical Data Elements to Support Recruitment Planning**

Strategic Market Definitions



## **Developing Strategic Market Definitions**



**Historic Primary Market** 

**Historic Secondary Market** 

Subdivision into Strategic Market Clusters

| Cer | ntral   |
|-----|---------|
| No  | rth     |
| We  | st      |
| Sou | uthwest |
| Soι | ıth     |
| Soι | utheast |
| Eas | t       |
| No  | rtheast |

#### Submarket Definitions should be based on:

- Common Routes of Travel
- Historic Penetration
- Demographically-similar groups
- Common Competitive Threats
- Strategic Priority

#### This allows for:

- Targeted geographic footprint decision-making for access points and competitive action plans
- Prioritization of opportunities



## Developing Market-Level Recruitment Strategies

A health system's market should be looked at on a more granular basis than a "primary, secondary and/or tertiary" market perspective. The Submarket Development framework below identifies different strategies based on an aggregation of quantitative factors:

| Submarket Development Strategy   | OUR Primary<br>Care Resource<br>Allocation | OUR Primary<br>Care Market<br>Share | OUR Overall<br>Market Share | Competitor<br>Resource<br>Penetration | Incremental<br>Primary Care<br>Need | Market<br>Demographics | Ease of Access to<br>OUR Services |
|--|--|-------------------------------------|-----------------------------|---------------------------------------|-------------------------------------|------------------------|-----------------------------------|
| <ul> <li>Reinforce and Defend</li> <li>Ensure Sufficient Primary Care Access</li> <li>Balance Productivity Growth with Incremental Recruitment</li> <li>Recruit Proactively to Address Succession Need</li> </ul>  | Moderate-to-High                           | Moderate-to-High                    | Moderate-to-High            | Low                                   | Low                                 | Moderate-to-High       | Moderate-to-High                  |
| <ul> <li>Growth Opportunity in Non-Competitive</li> <li>Market Near OUR Resources</li> <li>Aggressively Expand Primary Care Resources</li> <li>Incorporate Other Outpatient/Ambulatory Resources as warranted</li> </ul>   | Low-to-Moderate                            | Low-to-Moderate                     | Low-to-Moderate             | Low                                   | Moderate-to-High                    | Moderate-to-High       | Moderate-to-High                  |
| <ul> <li>Growth Opportunity in Non-Competitive<br/>Market Not Near OUR Resources</li> <li>Aggressively Expand Primary Care Resources</li> <li>Incorporate Other Outpatient/Ambulatory Resources<br/>Aggressively to Ensure Patient Retention</li> <li>Consider integrated Primary Care, Ancillary Services, Specialty<br/>Clinic, Freestanding ED/Urgent Care</li> </ul> | Low-to-Moderate                            | Low-to-Moderate                     | Low-to-Moderate             | Low                                   | Moderate-to-High                    | Moderate-to-High       | Low                               |
| <ul> <li>Compete in Highly Competitive Market</li> <li>Near OUR Resources</li> <li>Evaluate whether significant and rapid expansion of resources within market is feasible, or if resources should be prioritized elsewhere</li> </ul>   | Low-to-Moderate                            | Low-to-Moderate                     | Low-to-Moderate             | Moderate-to-High                      | Low                                 | Moderate-to-High       | Moderate-to-High                  |
| Compete in Highly Competitive Market Not<br>Near OUR Resources<br>• Evaluate whether significant and rapid expansion of resources<br>within market is feasible, or if resources should be prioritized<br>elsewhere   | Low-to-Moderate                            | Low-to-Moderate                     | Low-to-Moderate             | Moderate-to-High                      | Low                                 | Moderate-to-High       | Low                               |
| <ul> <li>Not A Strategic Imperative</li> <li>Evaluate whether it is strategically valuable to allocate<br/>incremental resources to market or whether existing resources<br/>should be reallocated</li> </ul>  | Variable                                   | Variable                            | Variable                    | Variable                              | Variable                            | Low                    | Low                               |



# Critical Data Elements to Support Recruitment Planning

*Evaluating Strategic Provider Supply and Demand* 



## Community Need is Not Strategic Recruitment Need

#### Sample Stark III Community Need Data – Primary Care – Need/(Oversupply)

| Category     | Specialty Roll-Up   | Net Need<br>(Including AP) | Net Need<br>(Physician Only) |
|--------------|---|----------------------------|------------------------------|
| Primary Care | Adult Primary Care  | 17.23                      | 41.83                        |
| -            | Pediatric Primary Care  | 18.29                      | 19.79                        |
| Ob and Gyn   | Maternal and Fetal Medicine   | 0.29                       | 0.29                         |
| Specialties  | Neonatal-Perinatal Medicine   | 1.60                       | 1.60                         |
|              | OB/GYN  | 11.76                      | 12.96                        |
|              | Reproductive Endocrinology  | 0.33                       | 0.33                         |
| Medicine     | Allergy and Immunology  | 2.09                       | 2.09                         |
| Specialties  | Dermatology   | 4.56                       | 4.56                         |
|              | Endocrinology   | 3.05                       | 3.05                         |
|              | Endocrinology<br>Gastroenterology<br>Infectious Diseases<br>Nephrology<br>Neurology<br>Pain Medicine & Rehabiliation<br>Physical Medicine & Rehabiliation<br>Psychiatry | 4.00                       | 4.00                         |
|              | Infectious Diseases   | 2.01                       | 2.01                         |
|              | Nephrology  | 1.88                       | 2.88                         |
|              | Neurology   | 6.30                       | 6.30                         |
|              | Pain Medicine   | (0.79)                     | (0.79)                       |
|              | Physical Medicine & Rehabiliation   | 2.66                       | 2.66                         |
|              | Psychiatry  | 17.65                      | 18.25                        |
|              | Pulmonary and Critical Care   | 1.54                       | 2.74                         |
|              | Rheumatology  | 1.80                       | 1.80                         |
| Surgery      | General Surgery   | 4.39                       | 5.59                         |
| Specialties  | Head & Neck Surgery   | 0.11                       | 0.11                         |
|              | Neurological Surgery  | 2.87                       | 2.87                         |
|              | Ophthalmology   | 7.54                       | 7.54                         |
|              | Oral & Maxillofacial Surgery  | (1.06)                     | (1.06)                       |
|              | Otolaryngology  | 1.63                       | 2.83                         |
|              | Plastic Surgery   | 2.48                       | 2.48                         |
|              | Surgical Critical Care  | 0.39                       | 0.39                         |
|              | Trauma Surgery  | (0.84)                     | (0.84)                       |
|              | Urology   | 2.17                       | 2.77                         |

#### **Useful for:**

- High-Level Education About Provider Supply Dynamics for Health System Stakeholders
- Directionally Understanding Deficits of Provider Availability for Community
- Stark III Compliance Regarding Supporting Recruitment to Independent Practices

#### Not Useful For:

• Building a Provider Manpower Strategy That Ties to Achievement of Health System Strategic Goals



## Community Need is <u>Not</u> Strategic Recruitment Need

# **Community Need is NOT useful** for building a Provider Manpower Strategy that ties to achievement of health system strategic goals.

- Is a component of access, but not a driver of access
- Does not help address competitive concerns
- Does not consider organization's strategy
- Does not fully consider the market the health system strategically serves
- Does not acknowledge that physician employment has changed organizational decision making in the last decade+ - just because providers are in the market does not mean our organization's (or patient's) needs are met

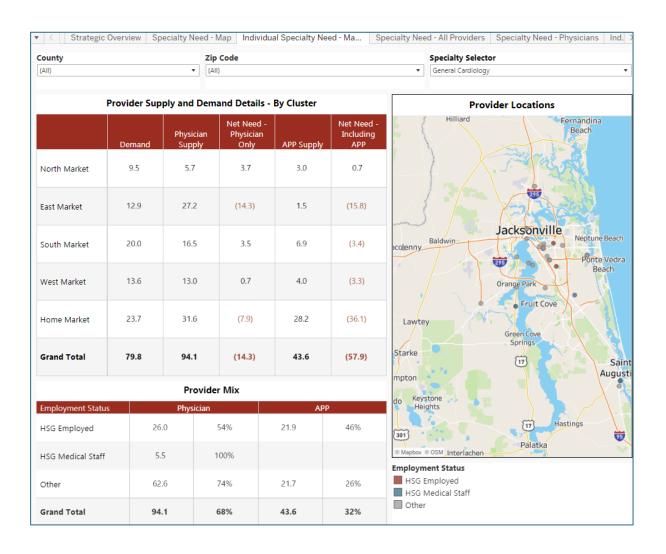
### **Summary:**

In terms of planning for provider manpower, Community Need informs what we CAN do (related to independent practice support), not what we strategically SHOULD do or NEED to do to achieve organizational goals or provide the access that our SYSTEM needs to be able to deliver, especially in the context of employment being the dominant recruitment/alignment model.



## Strategic Provider Supply and Demand Regionalizing Specialty Data to Determine Gaps in Supply

- Provider Supply and Demand data should be evaluated at the submarket level to identify gaps in care
- Variation in need may be warranted, or may define incremental opportunity
- Has implications for Access Point Development, Specialty Clinic strategies, and other facility placement decisions

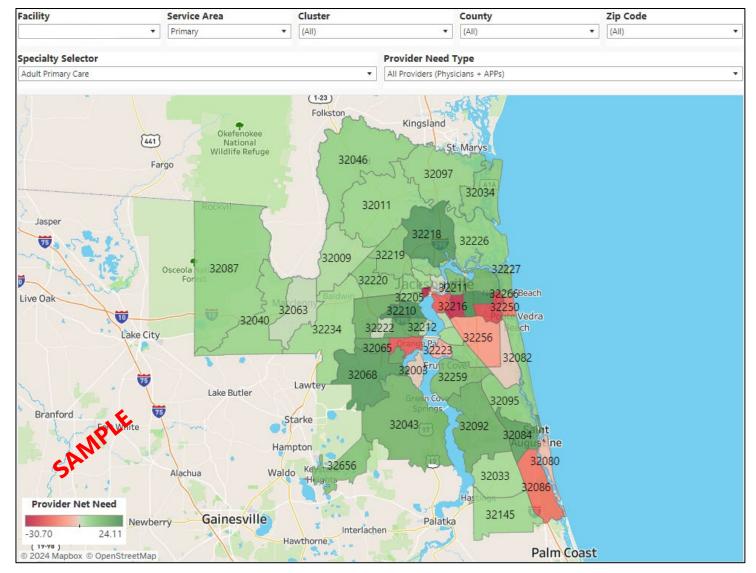




# Strategic Provider Supply and Demand *Regionalizing Supply and Demand Data*

- Intensity of Adult Primary Care Need is relatively high throughout market
- However need varies by geography

   historic concentrations of providers near hospital campuses creates opportunity for regionalizing geographic footprint





## Strategic Provider Supply and Demand Evaluating Needs by Specialty within Geography

💌 < Medical Staff Aging by Specialty | Medical Staff Aging | Specialty Roll-Up By Geography | By Geography (1 of 2) | By Geography (2 of 2) | Appendix | 3

| County | Zip Code |   |
|--------|----------|---|
| (All)  | ▼ (AII)  | • |
|        |          |   |

#### Provider Supply & Demand by Specialty

|                   |                                     | Demand | Physician<br>Supply | Net Need -<br>Physician Only | APP Supply | Net Need -<br>Including APF |
|-------------------|-------------------------------------|--------|---------------------|------------------------------|------------|-----------------------------|
| Driver Com        | Adult Primary Care                  | 908.3  | 589.3               | 319.1                        | 109.6      | 209.5                       |
| Primary Care      | Pediatric Primary Care              | 232.9  | 156.9               | 76.0                         | 23.4       | 52.6                        |
|                   | Maternal and Fetal Medicine         | 5.8    | 9.0                 | (3.1)                        | 0.0        | (3.1)                       |
| Women's Health    | OB/GYN                              | 160.1  | 135.4               | 24.7                         | 22.9       | 1.8                         |
| women's Health    | Reproductive Endocrinology          | 2.3    | 7.5                 | (5.2)                        | 1.8        | (7.0)                       |
|                   | Urogynecology                       | 2.2    | 1.0                 | 1.2                          | 1.2        | 0.0                         |
| Pahaviaral Haaléh | Mental Health                       | 136.7  | 42.9                | 93.8                         | 2.4        | 91.4                        |
| Behavioral Health | Substance Use Disorders             | 3.8    | 4.2                 | (0.4)                        | 0.0        | (0.4)                       |
|                   | Cardiovascular and Thoracic Surgery | 19.1   | 9.8                 | 9.3                          | 0.0        | 9.3                         |
|                   | Electrophysiology                   | 9.3    | 23.3                | (14.0)                       | 0.9        | (14.9)                      |
| Cardiovascular    | General Cardiology                  | 79.8   | 94.1                | (14.3)                       | 43.6       | (57.9)                      |
|                   | Interventional Cardiology           | 17.9   | 32.6                | (14.7)                       | 0.6        | (15.3)                      |
|                   | Vascular Surgery                    | 19.2   | 10.6                | 8.5                          | 2.4        | 6.1                         |
|                   | Orthopedic Sports Medicine          | 10.4   | 18.5                | (8.1)                        | 0.0        | (8.1)                       |
|                   | Orthopedics Foot and Ankle          | 1.7    | 4.0                 | (2.3)                        | 0.0        | (2.3)                       |
| Orthopedics       | Orthopedics General                 | 76.4   | 62.9                | 13.5                         | 24.3       | (10.9)                      |
|                   | Orthopedics Hand                    | 10.8   | 10.0                | 0.9                          | 0.0        | 0.9                         |
|                   | Orthopedics Spine                   | 5.2    | 2.0                 | 3.2                          | 0.0        | 3.2                         |
|                   | Gynecological Oncology              | 4.0    | 9.1                 | (5.1)                        | 0.6        | (5.7)                       |
| Cancer            | Hematology/Oncology                 | 53.4   | 93.1                | (39.7)                       | 30.9       | (70.6)                      |
| Cancer            | Radiation Oncology                  | 21.9   | 35.6                | (13.7)                       | 0.0        | (13.7)                      |
|                   | Surgical Oncology                   | 4.2    | 10.7                | (6.4)                        | 0.0        | (6.4)                       |
| Neuroscience      | Neurological Surgery                | 21.6   | 26.1                | (4.5)                        | 11.5       | (16.0)                      |
| iveuroscience     | Neurology                           | 59.0   | 68.1                | (9.1)                        | 14.7       | (23.8)                      |

Specialty Detail Notes

Demand: Calculated by applying the demand rate (based on an adjusted average of four population-based models) to the market population

Physician Supply: Total physician FTEs in the market

Net Need – Physician Only : Is calculated as demand minus physician supply APP Supply Total advanced practice provides FTEs in the market 0.0 FTE a divisit

APP Supply: Total advanced practice provider FTEs in the market. 0.6 FTE adjustment per 1.0 FTE based on practice patterns Net Need – Including APP: Is calculated as demand minus physician supply minus APP supply

Necetive Numbers denoted with () indicates an oversupply

Negative Numbers denoted with () indicates an oversupply



- Provider Supply and Demand data should also be evaluated for each specialty when considering strategy for a specific geography
- Variation in need may be warranted, or may define incremental opportunity
- Has implications for Access Point Development, Specialty Clinic strategies, and other facility placement decisions

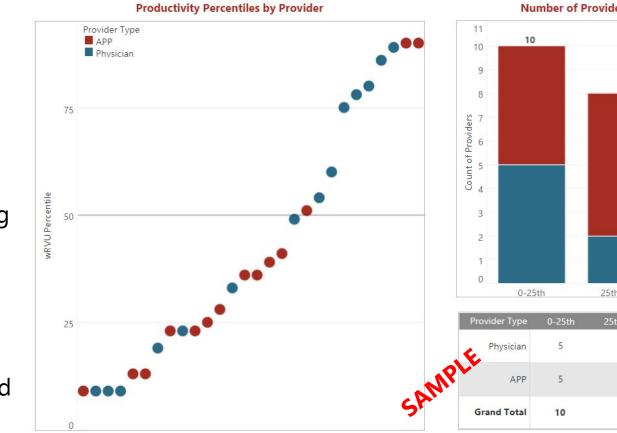
## **Critical Data Elements to Support Recruitment Planning**

Evaluating Access and Capacity in Existing Specialty and Practice Array

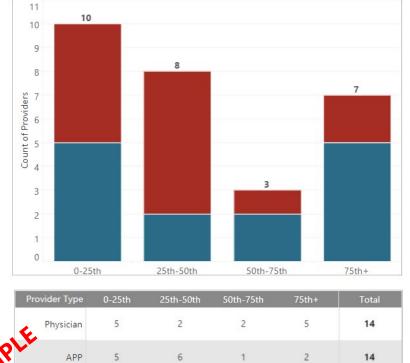


## Demand and Capacity Integrating Practice Capacity and Access

- Provider productivity is a reasonable proxy for evaluating existing capacity within the service line being evaluated.
- Providers achieving 75<sup>th</sup> percentile productivity will likely have difficulty increasing access/capacity versus those below the 50<sup>th</sup> percentile
- This sample analysis indicates potential additional capacity for more than half of the listed providers – especially the APPs.



#### Number of Providers in Each Productivity Quartile



8

3

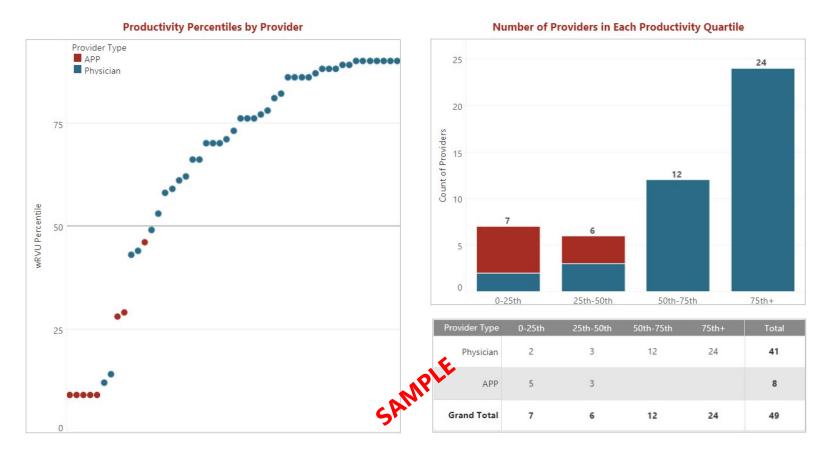


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## Demand and Capacity Integrating Practice Capacity and Access

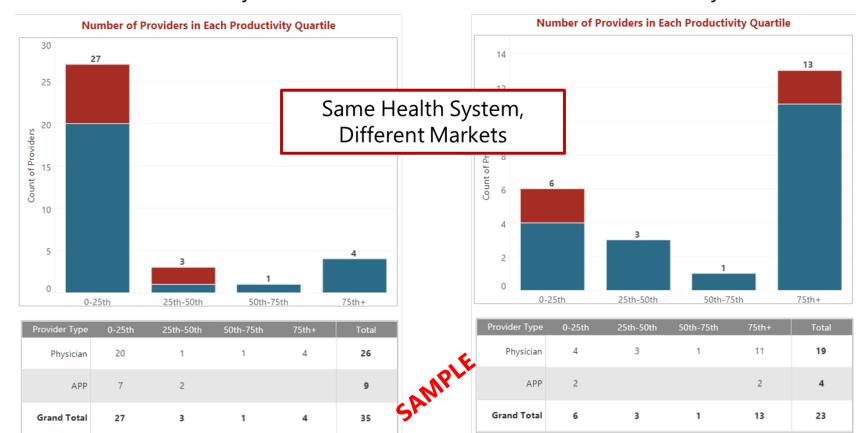
- ... whereas this sample analysis indicates little additional capacity for existing providers and likely predicts access challenges – except for the APPs.
- ... although reviewing APP utilization may be an opportunity for this group.



### HSG

## Demand and Capacity Integrating Practice Capacity and Access

- Frequently, opportunities to balance regional investment exist within an employed network.
- This network may be able to reallocate resources to more effectively meet demand.



#### Market A Primary Care

#### Market B Primary Care



# **Critical Data Elements to Support Recruitment Planning**

# **Evaluating Succession Planning Issues**



## Succession Planning Medical Staff Aging by Specialty



### **Dropdowns:**

- Geography (County or Zip)
- Specialty (all specialties)

### **Data Shown:**

 Age Cohort Distribution by Specialty and Subspecialty

### Purpose

• Visualization of Service Line-Level Succession Planning Challenges



## Individual Specialty *Current Productivity and Age*

| County              |                     |          | Zip Code              |                  |                 |     | Specialt    | y Selector |         |      |
|---------------------|---------------------|----------|-----------------------|------------------|-----------------|-----|-------------|------------|---------|------|
| (All)               |                     | •        | (AII)                 |                  |                 |     | ▼ General ( | Cardiology |         |      |
| Productivity Analys | is for Employed P   | roviders |                       |                  |                 |     |             |            |         |      |
| wRVUs Compared to B | enchmark Quartiles: | Numbers  | and Percent of Provid | ers Falling into | o Each Quartile |     |             |            |         |      |
|                     | 0-25th              |          | 25th-50t              | h                | 50th-75t        | h   | 75th+       |            | Grand T | otal |
| Physician           | 1                   | 4%       | 2                     | 8%               | 2               | 8%  | 21          | 81%        | 26      | 100% |
| APP                 | 5                   | 15%      | 9                     | 26%              | 10              | 29% | 10          | 29%        | 34      | 100% |
|                     | 6                   | 10%      | 11                    | 18%              | 12              | 20% | 31          | 52%        | 60      | 100% |

| Provider<br>Type | Employment Status | Unknown | Age 60 or Less | Age 60-64 | Age 65 or Greater |
|------------------|-------------------|---------|----------------|-----------|-------------------|
| Physician        | HSG Employed      |         | 17.0           | 4.0       | 5.0               |
|                  | HSG Medical Staff |         | 3.5            |           | 2.0               |
|                  | Other             | 3.2     | 34.6           | 7.9       | 16.9              |
| APP              | HSG Employed      | 29.0    | 5.5            | 1.0       | 1.0               |
|                  | Other             | 30.2    | 6.0            |           |                   |

#### HSG Advisors Employed Provider Productivity by Age Cohort

|             | Unknown         |                 |                     | Age 60 or Less  |                 | Age 60-64           |                 |                 | Age 65 or Greater |                 |                 |                     |
|-------------|-----------------|-----------------|---------------------|-----------------|-----------------|---------------------|-----------------|-----------------|-------------------|-----------------|-----------------|---------------------|
|             | Clinical<br>FTE | Actual<br>wRVUs | % of Total<br>wRVUs | Clinical<br>FTE | Actual<br>wRVUs | % of Total<br>wRVUs | Clinical<br>FTE | Actual<br>wRVUs | % of<br>Total wR  | Clinical<br>FTE | Actual<br>wRVUs | % of Total<br>wRVUs |
| Physician   |                 |                 |                     | 17.0            | 193,722         | 64%                 | 4.0             | 50,633          | 17%               | 5.0             | 58,450          | 19%                 |
| APP         | 33.5            | 62,441          | 100%                |                 |                 |                     |                 |                 |                   |                 |                 |                     |
| Grand Total | 33.5            | 62,441          | 17%                 | 17.0            | 193,722         | 53%                 | 4.0             | 50,633          | 14%               | 5.0             | 58,450          | 16%                 |

### **Dropdowns:**

- Geography (County or Zip)
- Specialty (all specialties)

### Data Shown:

- Stratification of Employed Providers by Productivity Quartile
  - Physicians
  - APPs
- Stratification of Employed and Medical Staff Provider Age by Cohort
  - Productivity Data Stratified by Age Cohort

### **Purpose:**

• Evaluate capacity and succession planning issues within a given specialty



## Individual Specialty Succession Impact on Capacity

 v
 < pters</th>
 Specialty Need - Physicians
 Ind. Specialty - Current
 Ind. Specialty - Capacity
 Medical Staff Aging
 Sp()

 County
 Zip Code
 Specialty Selector

 (All)
 v
 General Cardiology
 v

#### Median FTE Replacement

Median FTE Replacement is calculated by taking the provider's actual wRVUs divided by the specialty specific Median Benchmark for wRVUs. Grouped by Age Category.

|           |                   | Clinical FTE | Actual wRVUs | Median FTE Replacement |
|-----------|-------------------|--------------|--------------|------------------------|
| Physician | Age 60 or Less    | 17.0         | 193,722      | 24.4                   |
|           | Age 60-64         | 4.0          | 50,633       | 6.4                    |
|           | Age 65 or Greater | 5.0          | 58,450       | 7.4                    |
|           | Total             | 26.0         | 302,805      | 38.1                   |
| APP       | Age 60 or Less    | 4.5          | 6,702        | 4.4                    |
|           | Age 60-64         | 1.0          | 2,320        | 1.5                    |
|           | Age 65 or Greater | 1.0          | 3,711        | 2.4                    |
|           | Unknown           | 29.0         | 49,708       | 32.2                   |
|           | Total             | 35.5         | 62,441       | 40.5                   |
| Total     |                   | 61.5         | 365,246      | 78.6                   |

#### Provider Productivty Opportunity Below Median

FTE Opportunity is calculated by taking the specilaty specific Median Benchmark for wRVUs and dividing by the wRVUs below the Median. This was then adjusted to the providers clinical FTE. Excludes providers with producivity > Median Benchmark and providers Age 68 or Greater.

|             | Clinical FTE | Total Actual wRVUs | Total Median wRVUs | wRVUs Below Median | FTE Opportunity |
|-------------|--------------|--------------------|--------------------|--------------------|-----------------|
| Physician   | 3.0          | 14,759             | 23,838             | 9,079              | 1.1             |
| АРР         | 14.0         | 11,169             | 21,564             | 10,395             | 6.7             |
| Grand Total | 17.0         | 25,928             | 45,402             | 19,474             | 7.9             |

### **Dropdowns:**

- Geography (County or Zip)
- Specialty (all specialties)

### Data Shown:

- # of Median-Level Specialty FTEs to Replace Providers per Age Cohort
  - FTEs to Replace 65+ Particularly Important
- FTEs of Capacity within Existing Provider Complement, Assuming Goal is to Move All Providers Below Median Productivity to Median Productivity

### **Purpose:**

 Determine Impact of Succession Planning Issues to What Extent Existing Capacity Can Absorb Shortfalls



## **Critical Data Elements to Support Recruitment Planning**

Defining Ideal Mix of Physicians and Advanced Practitioners



## Defining Ideal Mix of Physicians and Advanced Practice Professionals

- Many organizations still view Advanced Practice Professional recruitment as an "operational" activity, rather than a strategic one.
  - i.e. Dr. Smith is getting close to capacity we're going to add an APP to her practice to supplement their productivity
- Given projected shortages in most key physician specialties, maximizing APP recruitment and utilization is and will continue to be a major strategic driver of care delivery and patient access.

### Major Challenges:

- Variation in utilization by specialty (or by practice...or by provider)
- Culture and History
- Clinical Practice Model



## Physicians and Advanced Practice Professionals Common Service Lines for APP Utilization/Expansion

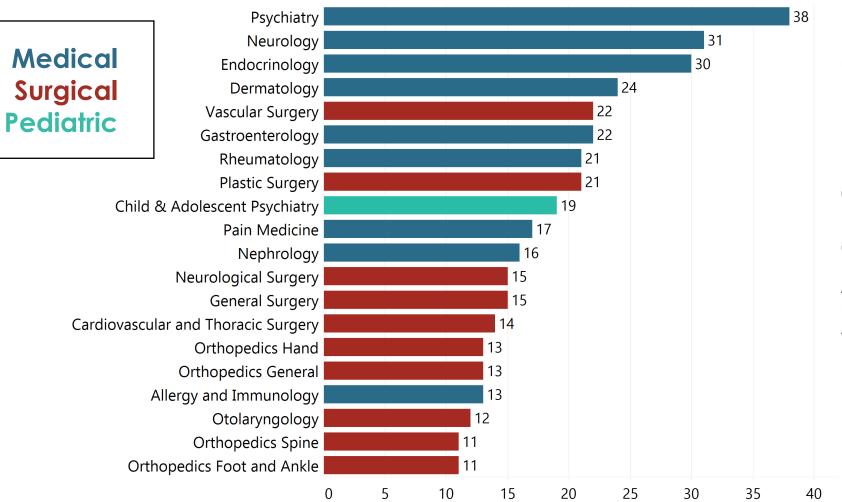
| Specialty Examples | Ideal Utilization   |
|--------------------|---|
| Primary Care       | <ul> <li>Initial - Same day access; preventative/wellness services</li> <li>Expanded – Chronic Stable patients; proactive population health</li> <li>Practice delivery model consistent with PCMH principles for clinical practice transformation</li> <li>Models promoting 1:2 to 1:4 physician to APP ratios abound</li> </ul>  |
| Behavioral Health  | <ul> <li>In-Office – Medication Management</li> <li>Inpatient – Admission H&amp;Ps, discharge summaries, chronic medical management</li> <li>Psychiatrist:APP ratios of 1:2 or more can safely and effectively increase access</li> </ul>   |
| Orthopedics        | <ul> <li>Initial Evaluation, Completion of Visit, Patient Education</li> <li>Splinting/casting</li> <li>Perioperative assessment; post-operative interval</li> <li>Orthopedist:APP ratios of 1:2 can be highly efficient</li> </ul>   |
| Cardiology         | <ul> <li>In-office - Testing; Patient education; Secondary/tertiary prevention efforts</li> <li>Inpatient and Outpatient - Initial patient evaluation; patient follow-up</li> <li>Current rate of 1.5:1 may be adequate for general cardiology but may be able to move closer to 1:1</li> </ul>   |
| Neurology          | <ul> <li>In-Office - Intake assessments; Monitoring established plan of care; Same day access for new or established patients</li> <li>Subject matter expert (e.g., concussion management; headache syndromes)</li> <li>Inpatient - Admission H&amp;Ps, initial consultations, daily rounding assistance, discharge summaries</li> <li>General neurology rate can approach 2:1 or even 1:1</li> </ul> |



# **Bringing Organizational Stakeholders into the Process**



## **Collecting Provider Opinion on Need**



Qualitative input from providers incredibly useful in compliance support

Also extremely useful in understanding pain points for referral access



**Response Count** 

## Getting the Right Team to the Table



- To build a different, more impactful approach to Medical Staff Development Planning, a health system must start by getting the right people involved in decision making.
- Recruitment planning should not be driven by a non-executive committee, nor should it be driven by the executive team alone. The right people need to be around the table, reviewing the same data, asking and answering the same questions, and making decisions as a team.
- Failure to do this results in multiple executives executing their own individual strategies, which will likely be incongruous and much less successful than an aligned strategy.



# Finalizing and Refreshing Recruitment Plans



## Summary-Level Three-Year Recruitment Planning

| Total by Cluster |                                     |         |            |      |       |       |             | Total by<br>Provider Type |     |  |
|------------------|-------------------------------------|---------|------------|------|-------|-------|-------------|---------------------------|-----|--|
| Grouping         | Specialty Roll-Up                   | Central | South-West | East | North | South | Grand Total | Physician                 | APP |  |
| Cancer           | Hematology/Oncology                 |         | 1          |      | 1     | 2     | 4           | 2                         | 2   |  |
|                  | Radiation Oncology                  |         | 1          |      |       | 2     | 3           | 3                         |     |  |
|                  | Surgical Oncology                   | 1       |            |      |       |       | 1           | 1                         |     |  |
| Cardiology       | Cardiovascular and Thoracic Surgery | 2       |            |      |       |       | 2           | 2                         |     |  |
|                  | Electrophysiology                   | 1       |            |      |       | 2     | 3           | 3                         |     |  |
|                  | General Cardiology                  | 2       | 1          | 2    | 2     | 2     | 9           | 5                         | 4   |  |
|                  | Interventional Cardiology           |         | 2          |      |       | 2     | 4           | 4                         |     |  |
| Neurosciences    | Neurological Surgery                | 3       |            |      |       | 2     | 5           | 2                         | 3   |  |
|                  | Neurology                           | 1       | 1          | 2    |       | 2     | 6           | 4                         | 2   |  |
| Orthopedics      | Orthopedics (General or Joint)      | 2       | 1          | 1    | 1     | 3     | 8           | 6                         | 2   |  |
|                  | Orthopedics Hand                    |         |            |      |       | 1     | 1           | 1                         |     |  |
|                  | Physical Medicine & Rehabiliation   |         | 1          |      |       | 1     | 2           | 2                         |     |  |
|                  | Sports Medicine                     | 1       |            |      | 1     |       | 2           | 2                         |     |  |
| Otolaryngology   | Otolaryngology                      | 1       | 1          | 2    | 1     |       | 5           | 3                         | 2   |  |
| Primary Care     | Adult Primary Care                  | 13      | 5          | 5    | 13    | 25    | 61          | 31                        | 30  |  |
|                  | Endocrinology                       |         | 1          |      | 1     |       | 2           | 2                         |     |  |
|                  | Infectious Diseases                 |         | 1          |      | 1     | 1     | 3           | 3                         |     |  |
|                  | Rheumatology                        | 1       |            |      |       | 1     | 2           | 2                         |     |  |
| Psychiatry       | Psychiatry                          | 4       |            | 1    | 2     | 1     | 8           | 4                         | 4   |  |
| Pulmonary        | Pulmonary and Critical Care         | 4       | 1          | 2    | 3     | 1     | 11          | 7                         | 4   |  |
| Urology          | Urology                             | 1       | 1          |      | 2     | 1     | 5           | 5                         |     |  |
| Other            | General Surgery                     | 3       |            | 3    | 3     | 4     | 13          | 13                        |     |  |
|                  | OB/GYN                              | 2       |            | 1    | 1     | 1     | 5           | 5                         |     |  |
|                  | Vascular Surgery                    | 2       |            |      |       | 1     | 3           | 3                         |     |  |
| Grand Total      |                                     | 44      | 18         | 19   | 32    | 55    | 168         | 115                       | 53  |  |

### **Critical Considerations**

- Provider Mix •
- Location •
- Timing •

By end of the planning period, the MSDP recommends the recruitment of 115 physicians and 53 advanced practitioners. ٠



# Baby Steps Towards Organizational-Level Planning



## Baby Steps Towards Organizational-Level Planning

- "Our organization isn't (culturally/operationally/mentally) ready for a comprehensive planning process with this much stakeholder engagement and/or ready to adopt a centralized plan"
- A centralized final recruitment plan isn't needed to get organizational benefit centralized data; tied to strategy and looked at through the lens of recruitment can highlight the need for integrated recruitment decision making

### • Initial Steps:

- Build integrated data sets from silos across the health system
  - Market definitions
  - Provider Supply and Demand
  - Market Share
  - Succession Planning
  - Access and Capacity
  - Provider Mix (Phys:APP) by specialty
- Tie data to strategic planning objectives
- Circulate data sets to decision makers across organization; use to facilitate discussion



# **About HSG Advisors**



# About HSG

HSG Advisors (HSG) partners with health systems to transform their approach to their markets, services, and providers for improved growth and operational and financial sustainability.

Headquarters: Louisville, KY Formed: 1999



### **HSG** CLAIMS DATA ANALYTICS

Evaluate competitive dynamics within markets, service lines, providers and patients based on all-player healthcare claims data analysis and HSG insights and expertise.



**HSG** STRATEGY

Define strategic goals and direction for your health systems' long-term growth plans that allows for the simultaneous pursuit of immediate market opportunities, focused on growth strategies and Medical Staff Development Planning.



### HSG EMPLOYED PROVIDER NETWORKS

Improve your financial and quality performance and overall Operational Excellence by building a Shared Vision and developing strong organizational, leadership, and governance support structures.



### HSG COMPENSATION AND COMPLIANCE

Develop sustainable provider compensation solutions to achieve market competitiveness, financial sustainability, and regulatory compliance through compensation model development and implementation.

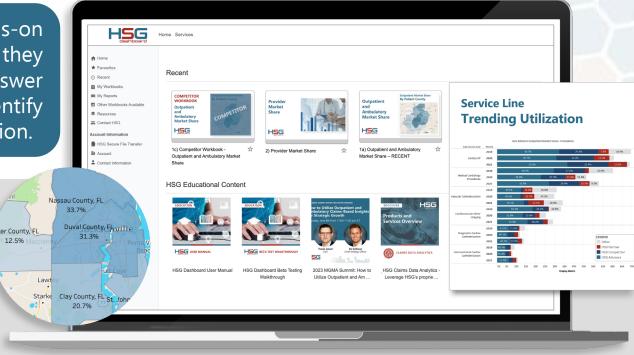
### **HSG Dashboard** Overview

**HSG Dashboard** is HSG's Tableau-based client data visualization environment that blends **HSG's proprietary All-Payer Claims Database, State-Level Inpatient Market Share, Outpatient Market Share, and Emergency Department and internal client health system data** to create unique, easily-interpretable reports, all housed in **one** central location, for utilization by **Health System Executive, Planning, and Employed Network Leadership** and other stakeholders focused on understanding the market and making strategic decisions.

**HSG's Strategic Advisory Team** employs a hands-on approach to ensure health system clients get the value they are seeking - helping health system clients answer questions about their markets and providers and identify incremental opportunities, turning information into action.

#### **Core HSG Dashboard Solutions:**

- HSG Outpatient and Ambulatory Market Share™
- HSG State-Level Inpatient Market Share<sup>™</sup>
- HSG Patient Flow<sup>™</sup>
- HSG Patient Share of Care<sup>™</sup>
- HSG Provider Market Share™
- HSG Provider Need Analytics™
- HSG Market Demographics<sup>™</sup>





# **Additional Resources**



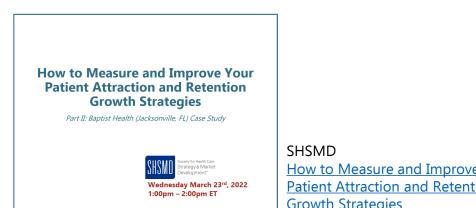
### Health System Medical **Staff Development** Planning

**Download Here** 

**JUNE 2021** 



Patient Share of Care: Measuring Patient Brand Loyalty



How to Measure and Improve Your Patient Attraction and Retention **Growth Strategies** 

Find these materials and more at: https://hsgadvisors.com/hsg-strategy/medical-staff-development-planning/



## HSG Provider Manpower Planning

**Our Depth of Manpower Planning Expertise.** HSG has performed 300+ Manpower Development Plans in the last decade, for hospitals of all sizes, from critical access hospitals to some of the largest health systems in the country. For many of these clients, HSG has developed a multi-year partnership focused on helping the client optimize their physician network – getting the right manpower, deploying it strategically to achieve health system goals, and ensuring the financial performance of closely aligned or employed practices are sustainable for the health system.

**Our Thought Leadership**. HSG consultants publish a tremendous amount of thought leadership about the elements of physician manpower planning that drive optimal performance. Most recently, HSG published *"Health System Provider Workforce Development Planning: Improving Access, Building Provider Capabilities, and Facilitating Strategic Growth"* which advocates for comprehensively developing Health System Provider Workforce Plans with a focus on system strategic needs, growth strategies, service line strategies and an overall focus on improving patient market share capture.

**Our Team.** As an industry leader in Manpower Planning/Provider Workforce Development HSG's team members have a deep knowledge and understanding of the challenges that health systems face in this area. Our engagement teams heavily utilize our thought leaders, our physician leaders and a consulting staff that is intimately familiar with the data needs of our health system partners related to Provider Workforce Planning efforts.



