In this time of healthcare reform, nurse leaders are held accountable for the financial aspect of healthcare more than ever before. Ensure you understand the financial terminology, your budget statement, and how to successfully plan and budget for your department with the straightforward explanations found in Finance and Budgeting Made Simple: Essential Skills for Nurses.

KT Waxman, DNP, MBA, RN, CNL, CENP, CHSE, has taken her years of experience teaching nurses about finance and budgeting and crafted an essential book for new managers as well as anyone who needs more guidance on budgeting. It covers only the information you need and takes you step by step through your budget so you understand each part and know what to do.

Trust Finance and Budgeting Made Simple to help you understand your unit’s budget, plan appropriate staffing, get involved in setting budgets, and make budgeting presentations to senior staff.
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About the Author

KT Waxman, DNP, MBA, RN, CNL, CENP, CHSE, is a nurse leader with more than 30 years of experience in healthcare and corporate settings. She is a tenured assistant professor at the University of San Francisco School of Nursing and Health Professions. She is chair of the Healthcare Leadership and Innovations department, which includes the Doctor of Nursing Practice (DNP) and Masters in Healthcare Simulation programs. As the director of the Department of Defense grant funded simulation research study, she completed a study on medication error recognition and simulation modalities.

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Dr. Waxman’s work has been published extensively and can be found in journals such as Simulation in Healthcare, Clinical Simulation for Nursing, Journal of Nursing Education, Nurse Leader, Creative Nursing, and MedSim. She is a chapter author for three simulation textbooks. She is the author of the books A Practical Guide to Finance and Budgeting: Skills for Nurse Managers, published by HCPro, and Financial and Business Management for the Doctor of Nursing Practice, published by Springer in 2012.

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About the Book

All the book’s resources are available to download and customize for your practice, including bonus tools not featured in the book.

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Disclosure statement
The planners, presenters/authors, and contributors of this CNE activity have disclosed no relevant financial relationships with any commercial companies pertaining to this activity.
Learning objectives

After reading this book, the participants should be able to:

• Read and understand healthcare financial statements
• Identify the flow of the revenue cycle in their facility
• Discuss the foreign language of finance
• Understand the nurse manager’s role in operating a unit as a “business”
• Identify the components of a financial statement
• Explain the differences between a balance sheet, income statement and departmental operating report, and income and departmental expenditures
• Describe the process of budgeting for staff, supplies, equipment, and capital expenditures
• Identify the process to construct a budget
• Describe breakeven analysis
• Define controllable costs
• Explain how to manage variances in their budget
• Identify the components of a business case
• Understand return on investment (ROI)
• Articulate why building a business case is important to secure necessary resources
Leadership Dimensions and Processes

Learning Objectives

After reading this chapter, the learners will be able to:

- Read and understand healthcare financial statements
- Identify the flow of the revenue cycle in their facility
- Discuss the foreign language of finance
- Understand the nurse manager’s role in operating a unit as a “business”

Today’s Nurse Manager

There is no question that in today’s healthcare environment the role of the nurse manager is very different than it was 25 years ago. Back then, nurse managers were referred to as head nurses and were responsible for leading their area or unit in a much different capacity than is expected today. Head nurses were primarily responsible for providing patient care and running the unit and were often considered working supervisors. Fast forward to the present, and the term head nurse is virtually extinct.
This is not to say that the duties of head nurses no longer exist; on the contrary, they have multiplied. Now you find those responsible for overseeing the same tasks as head nurses donning titles such as nurse managers, directors, coordinators, and service-line leaders, with each title dependent on the healthcare setting in which they work.

These leaders, regardless of their titles, are responsible for managing and guiding their units 24 hours a day, seven days a week. Nowadays, additional skills beyond the clinical base are necessary to do the job. This book will discuss and explain one of the necessary skills for the successful nurse manager: financial management.

**Responsibilities**

The authority and responsibilities of nurse managers differ from organization to organization. However, there are some core competencies that are required consistently. Interpersonal skills, resource management, time management, communication skills, and a clinical background are all part of the nurse manager’s repertoire.

According to the American Organization of Nurse Executives (AONE), some of the essential competencies of nurse managers include the following:

**The Science: Managing the business:**

- Financial management
- Human resource management
- Performance improvement
- Foundational thinking skills
- Technology
- Strategic management
- Clinical practice knowledge

**The Leader Within: Creating the leader in yourself:**

- Personal and professional accountability
- Career planning
- Personal journey disciplines
- Optimizing the leader within
The Art: Leading the people

- Human resource leadership skills
- Relationship management and influencing behaviors
- Diversity
- Shared decision-making

Source: Nurse Manager Leadership Partnership Learning Domain Framework

Within the financial management competency, the objectives are as follows:

- Develop a practical annual budget for a unit or department that includes volume, revenue, personnel, supplies, and capital equipment
- Give weekly or monthly reports of budgetary variances to your supervisor and review end-of-year data with the finance department and the Chief Nursing Officer (CNO)
- Ensure proper, efficient operations, and monitor trends regarding staff, material, and supply usage
- Communicate fiscal management expectations and outcomes to your staff and other stakeholders
- Understand healthcare reform, value-based purchasing, and revenue cycle as it relates to your unit

Education and training

The majority of the nurse manager’s education focuses on clinical nursing. Because you have picked up this book, it’s safe to assume that you are just one of the many clinically proficient staff nurses who have been promoted to nurse manager without any formal or informal business or financial experience or training. This side of nurse managing likely causes the most strife and warrants the most education.

Whether you go out and get this training yourself or your hospital makes it available to you, learning the skills necessary to be a manager is vital to your career. To become a successful financial manager, you must know and learn tasks such as creating and presenting budgets, reading financial statements, and managing the financial aspects of the units.

Of course, this is not to say that you should forsake your clinical training. On the contrary, use it to your fullest advantage. As a nurse with business acumen and finance knowledge, you will carry a particularly important position, because you can inject your clinical knowledge into the budgeting process. By doing so, you help ensure that patients continue to get safe, quality care even when
budget cuts must be made. Begin by learning what makes the financial hearts of hospitals and healthcare organizations tick.

This Is a Business

Now that you are a financial manager, the main point to remember is that hospitals and other healthcare organizations are businesses. And for businesses to be successful, they must make a profit on the goods or services they offer or sell.

Many hospitals are not-for-profit. Such organizations generally use earnings to construct new buildings, provide raises for staff, or buy new equipment. For-profit hospitals essentially spend their earnings on the same things; however, they have the additional expense of paying back shareholders.

As with every business, there are certain politics that dictate hospitals’ operations. Therefore, you as a financial manager must understand the politics behind healthcare economics.

The Current Healthcare Environment

Healthcare reform has arrived. One of the focuses of the Affordable Care Act (ACA) is to insure more people. In 2006, more than 47 million people were uninsured. After the institution of the ACA, 41 million were uninsured, which is approximately 13% of the U.S. population. Other components of the ACA (which is 2,409 pages long!) are:

- Improving quality and efficiency
- Prevention of chronic disease and improving health
- Increasing the healthcare workforce
- Improving access to innovative therapies
- Community living assisted services and support
- Changing payment structure
- Revenue provisions
- Strengthening quality for all
The ACA has required the Centers for Medicare & Medicaid Services (CMS) to establish a shared savings program, bundled payment models, and value-based purchasing (VBP). These models and components of the ACA are important for nurse managers to understand, as controlling costs is key to reimbursement.

VBP is also known as pay for performance and is intended to realign hospital or healthcare organization financial incentives by rewarding them for achieving specific quality outcomes. On the flip side, they will be penalized for failing to do so.

The state of the economy plays a large role in increasing healthcare costs. During rough economic times, many consumers must make the harsh decision of whether to put food on the table or pay for healthcare. As you can imagine, many neglect their health until they are ill, entering the healthcare system through the emergency department, which increases costs significantly. Although the ACA will address some of these issues, many will still be uninsured, continue to have chronic disease, and use emergency departments, thus increasing costs.

Another major factor in increasing healthcare costs is the overall shortage of healthcare workers in the nation, particularly RNs. When hospitals have high RN vacancy rates, they must resort to alternatives, such as using costly contract/agency staff and offering incentive programs such as sign-on bonuses. They also use traveling nurses, who work on minimum 13-week assignments, to fill open slots within hospitals at a higher rate of pay. These actions are short-term solutions and significantly increase hospital expenditures.

**Technology and Pharmaceuticals**

The cost of technology plays a major role in the cost of healthcare, and there has been an explosion of available technology in the past 25 years. The more technology that is available, the more there is a need for specialists to run the technology. Hospitals, competing for the best physicians to come on staff to attract more patients, buy expensive technologies.

In the past, hospitals were paid by the various health insurers each time a procedure was performed with new equipment. Today, with healthcare reform, procedures are not reimbursed separately; rather, the hospital receives a flat-rate reimbursement.

Hospitals feel it is necessary to have the most current technology to attract patients and physicians, but it can be costly. In addition, with increased litigation in the industry, physicians are more apt
to order pricey, high-tech tests to ensure that they have covered all bases to avoid a lawsuit. They essentially order tests for the benefit of the medical record, not for the patient.

The number of new medications developed in the pharmaceutical industry has skyrocketed over the past 25 years, thus increasing the cost of healthcare. As these drugs become available and are used by physicians, it adds to the costs of patient care. This is because the costs to develop, test, and approve new medications are high, and it can take years before a medication reaches the marketplace. When the medication is finally available to the public, manufacturers must charge enough to cover these costs and pay their stockholders, who expect to see a return on their investment. The price of drugs does not drop significantly until companies begin to sell generic versions.

**Healthcare Spending**

Understanding how the United States spends its money on healthcare and how it relates to the gross domestic product (GDP) is important. Figure 1.1 from the OECD from 2010 shows the national health expenditures compared to other countries. You can see in the chart that the United States spends almost twice as much as most countries, yet our outcomes are no better than theirs. In some cases, such as our life expectancy, our outcomes are unfavorable. The average U.S. life expectancy is 79.56 and we are ranked number 42 in the world.
National health spending is projected to increase as a share of GDP over the next decade.

Resources are limited, reimbursement is decreasing, and it has become imperative that nurse leaders control and/or manage costs on their units.

This big-picture perspective affects healthcare costs on a national scale. Each state has its own challenges and issues, and reimbursement by payer type may differ. Think about the baby boomers: By 2029, when the youngest boomer turns 65, there will be more than 71 million baby boomers. We can expect the related healthcare costs to continue to skyrocket.

**The Financial Reimbursement Breakdown**

Prior to 1983, hospitals were reimbursed for the services they provided by insurance companies or directly by the patient. This included such expenditures as room charges, nursing care, ancillary services, medications, procedures, linen, food, etc. Bills were sent to the insurance company or to patients. This system depended heavily on the nursing department and ancillary services. Cost containment was not an issue: The more hospitals charged, the more revenue they brought in. Management decisions such as the amount of staff or resources were essentially no-brainers because reimbursement was so healthy. Costs were shifted to insurance companies and patients, while hospitals enjoyed healthy financial statements.

However, after 1983, Medicare diagnosis-related groups (DRG) drastically changed hospital operations. DRGs categorize patient care by characteristics, such as diagnosis, treatment, age, and sex, to estimate patients’ approximate length of stay (LOS) and use of hospital resources. DRGs are based on the prospective payment system (PPS), which determines the amount that hospitals can charge (hospitals cannot charge for all costs incurred for patient care).

Under PPS, hospitals could no longer charge for costs they incurred. Rather, their reimbursement relied on predetermined prices set by the DRG. Because of this shift in reimbursement practices, many hospitals began providing patients with the lowest level of care possible to control costs. With approximately 700 DRG categories, hospitals are paid a flat-rate reimbursement on the discharge diagnosis regardless of the patient’s LOS, tests, procedures, or supplies used. As a financial manager, you must know how much it costs your hospital to care for patients per day because the reimbursement may not cover the cost of care. Also, depending on the percentage of Medicare patients admitted and cared for, the hospital’s bottom line can be negatively affected.
Other payers followed suit, and in the mid to late 1980s, insurance companies also began paying hospitals differently. As mentioned before, insurance companies were billed for services rendered, for which they would pay the hospital. Today, these important third-party payers no longer reimburse hospitals for services rendered: Rather, they base reimbursement on negotiated rates, contracts, and outcomes. These payers often constitute the majority of revenue for hospitals. Some methods of reimbursement from insurers include reimbursing a percentage of the charges, or a “per diem rate.” The per diem rate is a negotiated rate that the hospital receives for reimbursement regardless of the actual services rendered. A healthy payer mix composed of primarily third-party payers has a significant effect on organizations’ financial health. Hospitals with a large percentage of Medicare patients need to make an extra effort to control costs; however, there are times when Medicare actually pays more than some of the hospital-negotiated contracts.

Another significant payer is Medicaid, the state health insurance program for the medically indigent. Under Medicaid, services paid vary from state to state. Reimbursement is often paid at a flat rate.

**Changes with reimbursement and healthcare reform**

Beginning in 2008, CMS announced that Medicare will stop paying for eight reasonably preventable hospital-acquired conditions. This ruling is primarily due to the increasing concentration by payers on quality, patient safety, and hospital performance. CMS has established eight conditions in which the presence of complications and comorbidities, should they occur during the hospital stay, will no longer lead to a higher DRG payment. By 2012, more were added. These “never events” for which there will be no reimbursement are:

- Foreign object retained after surgery
- Air embolism
- Blood incompatibility
- Stage III and IV pressure ulcers
- Falls and trauma
  - Fractures
  - Dislocations
  - Intracranial injuries
  - Crushing injuries
  - Burns
  - Other injuries
• Manifestations of poor glycemic control
  » Diabetic ketoacidosis
  » Nonketotic hyperosmolar coma
  » Hypoglycemic coma
  » Secondary diabetes with ketoacidosis
  » Secondary diabetes with hyperosmolarity

• Catheter-associated urinary tract infection (UTI)

• Vascular catheter-associated infection

• Surgical site infection, mediastinitis, following coronary artery bypass graft (CABG)

• Surgical site infection following bariatric surgery for obesity
  » Laparoscopic gastric bypass
  » Gastroenterostomy
  » Laparoscopic gastric restrictive surgery

• Surgical site infection following certain orthopedic procedures
  » Spine
  » Neck
  » Shoulder
  » Elbow

• Surgical site infection following cardiac implantable electronic device (CIED)

• Deep vein thrombosis (DVT)/pulmonary embolism (PE) following certain orthopedic procedures:
  » Total knee replacement
  » Hip replacement

• Iatrogenic pneumothorax with venous catheterization

Source: CMS; http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalAcqCond/Hospital-Acquired_Conditions.html.

As a manager, it is important to continually educate and monitor staff to ensure competency in all areas of responsibility. As you can see from these changes, mistakes can be costly.

**Managed care**

With the passage of the Health Maintenance Organization Act of 1973, alternative prepaid health plans began cropping up around the nation. By the mid-1980s, “managed care” entered the healthcare arena, and hospitals were forced to adapt to a new reimbursement method. Managed care
refers to the entire spectrum of available alternatives to the traditional fee-for-service mechanism used for provider reimbursement. It is a system that manages or controls healthcare costs by carefully monitoring resource utilization and, therefore, shifting the financial risk to hospitals. In other words, managed care puts the burden of managing costs on hospitals by expecting them to control the use of resources in order for them to receive optimal reimbursement rather than having third-party payers, such as the patient or insurance company, pay for services rendered.

Remembering the various abbreviations for the following managed care plans can be confusing, as there are many. For instance, there are HMOs, IPAs, PPOs—and the list goes on.

**HMO**
The most common form of managed care is the health maintenance organization (HMO). There are two types of HMOs:

1. The group model, in which physicians are actually employed by the HMO
2. The individual practitioner association (IPA) model, in which physicians maintain a private practice while serving both HMO and non-HMO patients

With both models, a population of patients, or “members,” is enrolled for a prepaid fee known as the capitation charge. HMOs focus on preventive care with the ultimate goal of keeping members healthy and out of the hospital. The fewer services members use, the more money the HMO gets to keep. For these programs, a low census is a good sign. In fact, many organizations with capitated contracts have outpatient clinics, and they put health and wellness programs in place to keep patients out of hospital beds and only admit patients when absolutely necessary. Hospitals are then left to figure out creative, innovative ways to provide quality patient care at the lowest cost possible.

**IPA**
In the independent practice association (IPA) model, a group of privately practicing physicians join together to form a coalition that offers managed health organizations a full spectrum of services. These physicians continue to treat patients with third-party payers while serving HMO members. This model is highly controversial, as it raises many ethical questions regarding issues such as the average length of time physicians spend with HMO patients vs. other patients and the number of diagnostic tests physicians request for their HMO patients. These questions arise because in this model, the more resources physicians use, the less they are paid.

**PPO**
The preferred provider organization (PPO) is a negotiated arrangement between providers and third-party payers. When a physician joins the organization, he or she agrees to abide by the rules and standards within the PPO’s reimbursement structure.
The Bigger Picture

As a financial manager, you should always keep the big picture in mind. For instance, even though you do not have control over the payer mix admitted to your unit, you need to know your hospital’s payer mix. The payer mix may differ dramatically depending on your facility’s geographic location. For instance, a large urban teaching hospital will likely have more uninsured patients than a small, suburban community hospital. Each patient-care unit is its own business, and as the nurse manager, you are the chief operating officer of that unit. Knowing the payer mix makeup, or how your hospital is reimbursed, helps you understand why LOS is so important and how using fewer resources equates to increased profit for the hospital.

Understanding the Revenue Cycle Flow

As nurse manager, you must have a basic understanding of how revenue flows into and out of the hospital. Figure 1.2 shows a typical revenue cycle.

Source: Figure adapted from conference proceedings at AONE/HFMA Certificate in Healthcare Finance Program, October 2013, Chicago.
Hospital hierarchy

In addition to understanding how revenue circulates throughout your hospital, it is also imperative that you know how professional power flows. Power flows are particularly important for nurse managers to know and understand because you deal with and present budgets to the financial experts within your organization. To get a better understanding of the typical financial hierarchy in hospitals, review Figure 1.3.

The governing board or board of directors is held accountable for the organization’s financial performance and therefore has final approval of the budget. Board members are usually local business and community leaders who are not hospital employees. As the governing board, they empower the chief executive officer (CEO) to be responsible for the hospital’s management, according to The Joint Commission’s management standard. The CEO, in turn, empowers his or her administrative team to manage the organization’s daily operations.

The chief financial officer (CFO) or vice president of finance heads the department, and he or she handles all of the hospital’s financial operations. CFOs are employees of the hospital.
In the past, the CFO developed the budgets for each unit and presented them to the chief nursing officer (CNO). The CNO would then present that budget to his or her direct reports (i.e., nursing directors and managers). Today, most CNOs serve at the same level as CFOs and are expected to have the necessary financial and business skills to perform this expanded role. Likewise, nurse managers are now responsible for learning and understanding the tasks related to the financial aspects of their departments—including budget development—for which they are held accountable. In fact, The Joint Commission requires managers and staff to be involved in the budgeting process.

The finance department includes the accounting, payroll, and patient accounting divisions. The finance department manages the financial resources (i.e., cash, investments, and accounts receivable) of the hospital. This department or division is responsible for the following functions:

- Financial planning and auditing
- Accounting services
- Reimbursement and fiscal projects
- Data processing
- Patient financial services

**Interdepartmental Communication**

As nurse manager, hone your skills in communicating effectively with other departments. This is important because departments outside of nursing or outside of the cost center—the cost center being any department that accumulates costs—often affect your unit’s business. For example, the nursing unit may be charged for biomedical services performed on unit equipment for preventive maintenance. Or, if nurses float to another unit, they may forget to charge their time to that unit. As nurse manager, you must know the cost and timing of such services so you can keep track of the money in your department’s budget.

You must establish strong relationships not only with vendors and other clinical departments but also with the finance department. Engaging the finance department in the actual activities and services of your unit and maintaining healthy relationships with that team enables conversations to flow freely among units, allowing each department to express its needs. Waiting until your formal budget presentation is not a good time to negotiate what your unit needs.
Learning the Foreign Language of Finance

In nursing school, nurses are taught a vocabulary specific to the profession. To the untrained ear, this nursing language can seem confusing. It’s the same with finance and accounting professionals: They use only their own terminology to communicate. Learn the language of finance to make your job easier and help you gain the respect of finance personnel.

Figure 1.4 lists some of the financial acronyms and abbreviations commonly used in hospitals. We will discuss each of these terms at length in Chapters 1 and 3.

### Glossary of key acronyms and terms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADC</td>
<td>average daily census</td>
</tr>
<tr>
<td>ALOS</td>
<td>average length of stay</td>
</tr>
<tr>
<td>Assets</td>
<td>liabilities + equity</td>
</tr>
<tr>
<td>CPUOS</td>
<td>cost per unit of service</td>
</tr>
<tr>
<td>FTE</td>
<td>full-time equivalent</td>
</tr>
<tr>
<td>Gross revenue</td>
<td>charges</td>
</tr>
<tr>
<td>HMO</td>
<td>health maintenance organization</td>
</tr>
<tr>
<td>HPPD</td>
<td>hours per patient day</td>
</tr>
<tr>
<td>Liabilities</td>
<td>financial obligations or debt</td>
</tr>
<tr>
<td>LOS</td>
<td>length of stay</td>
</tr>
<tr>
<td>Non-productive time</td>
<td>non patient care time (holiday, inservice, jury duty)</td>
</tr>
<tr>
<td>Patient day</td>
<td>an admitted patient in a hospital bed at midnight</td>
</tr>
<tr>
<td>PPO</td>
<td>preferred provider organization</td>
</tr>
<tr>
<td>Productive time</td>
<td>actual patient care time</td>
</tr>
<tr>
<td>Productivity</td>
<td>output/input</td>
</tr>
<tr>
<td>PTO</td>
<td>paid time off</td>
</tr>
<tr>
<td>ROI</td>
<td>return on investment</td>
</tr>
<tr>
<td>RVU</td>
<td>relative value unit</td>
</tr>
<tr>
<td>SWB</td>
<td>salary, wages, and benefits</td>
</tr>
<tr>
<td>UOS</td>
<td>unit of service</td>
</tr>
<tr>
<td>Volume</td>
<td>number of patients, tests, visits, procedures, etc.</td>
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</tbody>
</table>

**UOS:** A unit of service (UOS) is the specific item the organization produces and delivers to its customers. For instance, the UOS in nursing departments is typically an admitted patient who is in the hospital bed at midnight. In ancillary departments, such as respiratory therapy, laboratory, and radiology, UOSs may be the number of treatments, tests, or doses given to a patient in a given time period (most commonly at midnight). As nurse manager, you may be responsible for managing both inpatient and outpatient areas as well as supervising an ancillary service. Therefore, it’s important that you know how UOSs are measured. In the nursing example, the admitted patient in a hospital bed at midnight (the UOS) is the measurement. In ancillary departments, each procedure, depending on its complexity, is assigned a relative value unit (RVU). For instance, with respiratory therapy, setting up oxygen may count as one RVU, whereas checking a ventilator may be allocated four RVUs.
**ADC:** The average daily census (ADC) is the number of admitted patients (inpatients) on any given day. However, depending on a hospital’s operation, this may include observation patients. To determine the ADC, you divide the number of patient days in a given period by the number of days in that period. For example, in a nursing unit that is budgeted to use 7,500 UOSs per year, divide the number of UOSs by the number of days in a year (365) to find out the ADC. So, $7,500 \div 365 = 20.55$ average patients on the unit per day.

**ALOS:** The average length of stay (ALOS) is the average number of days patients spent in the hospital. Find this by dividing the number of patient days in a given period by the number of discharges in that period. For example, if your unit experienced 180 patient days and 50 discharges in one week, your ALOS would be $3.6 \left(\frac{180}{50} = 3.6\right)$. Therefore, your patients stay in your unit for an average of 3.6 days.

**CPUOS:** The cost per UOS (CPUOS) is defined as the total cost of salaries divided by the units of service. You can use this financial measurement for any expense that occurs on the unit, but it is primarily used for salaries. To calculate salary CPUOS, take the total worked hours by staff and multiply it by the hourly rate. Then divide that amount by the UOS for that unit. For example, if the total salaries were $102,000 and the UOS were 660 for the month, then the total CPUOS would be $154.55 \left(\frac{102,000}{660} = 154.55\right)$ for worked hours. You can also calculate the total CPUOS by adding in the non-worked hours. The breakdown of these two categories will be explained in a later chapter.

**FTE:** A full-time equivalent (FTE) is the equivalent of one full-time employee working for one year. This is generally calculated as 40 hours per week for 52 weeks or as a total of 2,080 paid hours per year. This includes both productive and nonproductive (i.e., vacation, sick, holiday) time. For example, two employees working half-time for one year equal one FTE. To calculate FTE, multiply the length of the shifts by the number of days worked. Then divide the total by 40 hours, the number of hours worked by a full-time employee. For example, if a nurse works three eight-hour shifts per week, the FTE would be $0.6 \left(\frac{8 \times 3}{40} = 0.6\right)$. An FTE isn’t a person; it is 40 hours per week, so 1.0 FTE can be composed of several people working during the week. More on this in Chapter 3.

**Volume:** This term refers to the number of patients admitted or in the bed at midnight, the number of treatments, tests, or procedures patients undergo, and the number of meals served, etc.

**Productivity:** Simply stated, productivity is output divided by input. Productivity rates measure the input required for a unit of output. When put into practice in hospitals, productivity is the number of staff who were used—either by hours or dollars—divided by the number of UOS used (i.e.,
midnight census on inpatient units). By comparing the actual staffing hours with the staffing hours required—while taking patient acuity levels into consideration—you can determine the standard productivity measure used in hospitals.

These terms and acronyms are some of the basics used in hospitals today. Incorporate them into your daily vocabulary. Understanding these terms—and how they fit into the big picture—will enable you to be more efficient and productive in your role.

**Summary**

The nurse manager role is critical to the success of a hospital or healthcare organization. As nurse leaders, you should be familiar with health policy and healthcare reform. Include your staff when discussing reimbursement changes, the cost of quality, and basic budgeting. Nursing can make a huge difference in the financial health of an organization by ensuring that high quality care is provided to our patients.

**‘Talking the talk’ scenario**

Review the following scenario, and think about the correct and incorrect ways to handle the situation:

New nurse manager Carey Carrington runs a busy telemetry unit. The unit is particularly difficult to manage because it has 85 staff members and an ADC of 26 patients. Patients are constantly transferring in and out of the unit.

Each week, Carey’s productivity report reflects a large variance toward the beginning of the week, but her unit’s midnight census has remained consistent. When reviewing the previous month’s staffing reports and admission/discharge/transfer data, Carey found that an average of 20 new patients flowed through the unit during the same 12-hour period every Tuesday. She discovered that the patients were not captured in the midnight census.

Carey is scheduled to meet with her supervisor in the morning. What should she say?

Incorrect: “Tuesdays are really busy on the unit; we are always short-staffed and some of my nurses are threatening to quit. I need to hire another nurse. Can you please sign this hiring form so I can take it to HR and begin advertising?”
Correct: “After collecting data and observing the unit for the past 90 days, I have found that as a result of the cardiac catheterization lab scheduling, we take on an average of five extra cases each Tuesday. Along with the added cases, the intensive care unit census is running to capacity. Therefore, we have turned over an average of 20 patients every Tuesday for the past three months. And although our productivity reports show an ADC of 26, we are actually caring for 46 patients over the course of the day.

“I would like approval to increase staffing on Tuesdays, and I will modify the schedule accordingly. Currently, we are reducing staff on Fridays because of the lowered census, which will help maintain the overall budgeted HPPD. I will explain the variances each month on the variance report. I anticipate the overall CPUOS to remain the same.”

**Bonus tools**
You will find a financial terminology cheat sheet and the top five survival skills every manager should know with the downloadable tools for this book. Please visit [www.hcpro.com/downloads/12427](http://www.hcpro.com/downloads/12427) to access the downloads.
In this time of healthcare reform, nurse leaders are held accountable for the financial aspect of healthcare more than ever before. Ensure you understand the financial terminology, your budget statement, and how to successfully plan and budget for your department with the straightforward explanations found in Finance and Budgeting Made Simple: Essential Skills for Nurses.

KT Waxman, DNP, MBA, RN, CNL, CENP, CHSE, has taken her years of experience teaching nurses about finance and budgeting and crafted an essential book for new managers as well as anyone who needs more guidance on budgeting. It covers only the information you need and takes you step by step through your budget so you understand each part and know what to do.

Trust Finance and Budgeting Made Simple to help you understand your unit’s budget, plan appropriate staffing, get involved in setting budgets, and make budgeting presentations to senior staff.