RETENTION OF NURSES INVYOMING





Wyoming Department of Employment

Part II in a Series of Publications Related to the Nursing Situation in Wyoming

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Chapter 1: The System As a Whole

KEY POINTS

- Wyoming was operating in a deficit situation (more nurses exiting health care than entering) by fourth quarter 2005.
- Wages appeared as the most frequently mentioned topic among all age groups except the oldest (age 65+). Issues with management appeared as the second most frequently referenced topic overall, as well as among each age group, again, with the exception of the 65+ group.
- Several variables significantly correlated to nurses' stated intent to leave: salary satisfaction, professional development satisfaction, interpersonal interactions satisfaction, age, and the extent RNs felt tied (or bound) to their communities.
- Substantial numbers of comments regarding workload, paperwork, corporate issues, and quality of new nurses were found, even though the related factors were not statistically significant predictors of a nurse's stated intent to leave her or his employer.
- Nurses who attended high school out of state were more likely to be older than nurses who went to high school in Wyoming. This observation could be taken into account as retention strategies are developed.

Introduction

by: Tom Gallagher, Manager

he most sparsely populated areas of the state are the most vulnerable to a shortage of nurses. They are more vulnerable not only because they serve a population older than more urbanized areas of the state, but also because the population of nurses serving these areas is also older. As described in Nurses In Demand: A Statement Of The Problem, the availability of nurses statewide is expected to become increasingly problematic as a large proportion of nurses enter an age of traditional retirement, as the health care industry expands to meet the needs of a growing population of elderly, and as the health care delivery system adapts to new technologies and evolves different business models. And, as we have seen, the demand for nurses is expanding as hospitals employ a retention strategy of more flexible part-time staffing, utilizing an increasing number of nurses per full-time equivalent position. Given the inability of the supply system to keep up with demandbased pressures, the emphasis shifts to retention as a principal strategy to ensure an adequate staffing level of nurses.

Retention is also a cost-control consideration. "Stocks and flows" analysis of 2006 hires indicates that the cost of hiring nurses exceeded \$7.8 million in Wyoming (see Chapter 2, Figure 12, page 93). These analyses are conducted using administrative records with only the interaction between nurses and employers as the unit of analysis. It is important to note that throughout this paper the unit of analysis changes. We may focus on the perceptions of nurses, the behavior of industries, the interaction between nurses and employers, and the

Glossary

Turnover: The ratio of the number of workers who had to be replaced in a given time period to the average number of workers.

Re-entrant: A person who has worked in health care within the past 16 quarters and is now working in health care after an absence (no wages) of at least 1 quarter.

New entrant: A licensed nurse who has not worked in health care in more than 16 quarters, but is working as of the base quarter.

Permanent exit: A licensed nurse who has not worked in health care for four consecutive quarters. May refer to nurses who are no longer working in health care or those for whom no wage records are found in any industry.

Ambulatory health care services: Provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Examples include offices of physicians, outpatient care centers, and medical laboratories.

Nursing & residential care facilities: Provide residential care combined with either nursing, supervisory, or other types of care as required by the residents. Examples

(GLOSSARY continued on page 3)

(GLOSSARY continued from page 2)

include continuing care retirement communities, homes for the elderly, and residential mental health & substance abuse facilities.

Hospitals: Provide medical, diagnostic, and treatment services that include physician, nursing, and other health services to inpatients and the specialized accommodation services required by inpatients. May also provide outpatient services secondarily. Examples include general medical & surgical hospitals and psychiatric & substance abuse hospitals.

Source for industry definitions: http://www.2010census.biz

interaction between geography (e.g., the state) and nurses. Research & Planning's use of multiple units of analysis is a distinguishing characteristic of this report.

Utilizing multiple units of analysis means relying upon multiple sources of data and information. Oualitative information was collected through working with an advisory committee of nurses, networking with informants (both nurses and others in health care) in a variety of settings, some of which may persist over time or be as brief as an exit interview with a nurse leaving work in Wyoming. Qualitative and quantitative information was also obtained from a survey of nurses conducted in the summer of 2007. All nurses in hospitals, ambulatory care, and nursing & residential care were asked to participate in a mail survey. Quantitative information was also drawn from administrative

records: Board of Nursing licensing records linked to Unemployment Insurance (UI) wage records information for individuals linked, in turn, to UI employer account information. These administrative records were then linked to data for the individual nurses responding to R&P's survey. Finally, separate establishment survey data that describe the staffing characteristics and compensation levels of workers in the health care industry were obtained from a statefederal survey program operated by R&P and from selected surrounding states and for the nation as a whole. Multiple sources of physically linked data and theoretically linked statistical information permitted a range of complex analyses to be performed.

Defining a nursing shortage empirically is a difficult task in part because of the subjective nature of the concept and in part because of the policy responses elicited by different definitions. In this report, we define a point of imbalance between the supply of nurses and the demand for them with the longitudinal analysis of administrative records. Even as the population of the state and the health care industry grew, the supply of new nurses into health care fell below the level of permanent exit of nurses from health care. Tracking of Board of Nursing licensure records linked to UI employer payroll files from 1999 through 2005 revealed that permanently exiting nurses exceeded entrants in fourth quarter 2005. Even without geographic imbalances between supply and demand, this is clear empirical evidence that supply is not meeting demand.

R&P's comparative analysis of the ratio of nurses to other health care staff (staffing pattern analysis, see Chapter 2, page 75) also provides a supporting, empirical means of quantifying the shortage of

nurses in Wyoming. Researchers obtained occupational staffing patterns from selected neighboring state research offices and national staffing patterns from the U.S. Department of Labor's Bureau of Labor Statistics for subsectors in the health care industry. These comparisons revealed that the ratio of nurses to other staff was consistently lower in Wyoming hospitals and nursing & residential care facilities, in comparison to surrounding rural states and the nation. This suggests that regardless of the nationwide shortage, and the shortage in neighboring states, the situation is more difficult in Wyoming. Conducting comparative analyses and tracking supply and demand with administrative records to define the extent of the shortage points to another feature of this research: Findings tend to be supported by evidence derived from multiple sources in a triangulation strategy. Findings supported by multiple sources tend to attain a higher profile in the report than those supported by only one source of information.

A lower ratio of nurses to other health care staff than is the case nationally and among surrounding states tends to corroborate some of the survey scores on scaled items relating to workplace satisfaction and nurses' comments to openended questions (see page 22). While this report is structured in discrete segments, it is intended that each segment provide supporting context and that the document be treated as a whole.

R&P's researchers used longitudinal analysis of administrative records to uncover how nurses interact with the health care delivery system. This is a hallmark of the report, as is the linkage of longitudinal data to a cross-sectional survey of nurses working in Wyoming. Each segment of the

report demonstrates a dialogue between powerful quantitative analysis informed by rich qualitative analysis. A critical component of the research is a capacity, outlined in the methodological synopsis that follows (see page 20), to unobtrusively validate with administrative records the survey-based stated intention of nurses to leave or remain with their health care employer. By linking Board of Nursing licensure records to survey responses and employer payroll files, we greatly enhance our capacity to determine whether or not survey responses predict retention behavior.

While we were not predisposed to study the hospital Magnet status movement,1 the research literature on workplace environments and how to measure them are strongly influenced by the concepts associated with magnet status. Such underlying workplace constructs as the adequacy of human resources, a consultative environment, professionalism, compensation, and participative management populate the theoretical perspective of much of the retention research preceding our work. Most of these workplace factors are subject to management intervention and, if they can be demonstrated to effectively limit nurse exit rates from their employers, can be manipulated to attain desired retention levels.

A substantial portion of the survey questionnaire covered workplace satisfaction issues, which when modeled were significantly related to statements regarding the intent to leave an employer in the next year. Additional comparison of ratings of hospitals using these same satisfaction measures compared to exit rates for nurses

¹ See "Magnet Status: A Guide for the Nursing Staff," HCPro, Inc, April 2006.

who were employed in these facilities revealed that survey satisfaction measures were limited in their capacity to predict measures of exit from employer. However, exit rates for each hospital were calculated only on the basis of payroll records for the quarter following the survey date. Workplace satisfaction measures may prove to be more effective predictors of exit behavior in the longer run. In April 2009, four quarters of payroll-based exit data will be available and the analysis replicated as part of R&P's continuing study.

The inference may be drawn that the character of the workplace is important to retention using information other than scaled items relating to workplace satisfaction. A large proportion of the nurses indicating an intention to leave their current employer in the next year do so to take a job elsewhere in health care even though there are sometimes disincentives for doing so. As a nurse recently stated, "When you move from hospital to hospital, you start at the bottom" of privileged status. "I am trying to figure out why I stay in nursing," she confided.²

While workplace quality appears to be of greater importance to nurses of middle age, non-workplace factors for nurses at the two ends of the age distribution, in particular, appear to play a greater role in retention. Community ties, children in school, spouse's employment, and quality of community life are important to the retention of nurses in the workplace and in Wyoming as well. These are all factors over which the employer has little control but which are in many respects related to a nurse's age. Age is a factor in almost all retention considerations since it is an

indication of family and career development phases coinciding with decisions about job changing and migration.

There is a second factor over which the employer has little control, and that is the nativity of the labor supply. Most nurses working in health care in Wyoming are not native to the state. This means that they probably bring with them a work experience that includes a greater ratio of nurses in the work environment compared to other staff, than they currently enjoy in Wyoming. Compared to the majority of Wyoming nurses who have a community college-based, two-year degree, nonnative nurses may also have a higher level of educational attainment and may also have more experience working in more specialized settings. An emergent theme of this study is that the manner in which nonnative nurses are made a part of the institutional setting affects their retention in the workplace and potentially in the state as a whole.

Qualitative information developed during the study suggests that areas of future research should focus on the manner in which nurses, native and nonnative alike, become integrated into the work environment and the community as well. Limited time and resources did not permit full analysis of the data or examination of every question encountered as the study evolved.

This report does not make explicit recommendations to improve retention and, by so doing, encourage word-of-mouth recruitment. However, it clearly produces findings around which strategies could be planned, developed, and implemented, and be relatively inexpensive to monitor. For example, because facility-specific exit rates can be calculated for nurses by age through

Personal conversation evening of June 17, 2008,
 Wyoming Medical Center General Staff meeting.

the use of readily available administrative data, a reasonable implementation strategy may involve contacting those facilities with demonstrated lower rates of nurse exit and higher levels of tenure, for best practices that may be adopted at other facilities. This report demonstrates that the effects of best practices can be unobtrusively monitored with wage records while using the characteristics of nurses (age, education, earnings, and nativity) from Board of Nursing files to account for the effects of personal characteristics on retention strategies.

Finally, the lower level of staffing ratios, dispersed health care delivery structure, the interstate nature of the workforce development system, and dominance of the workforce by nonnative nurses

imply a uniqueness to the current nurse retention issue. At the community level, the available survey data permits a nursebased assessment of quality of life while at least anecdotal evidence indicates that attachment to the community is partly a function of a job opportunity for a spouse as well as housing availability and cost. And yet, these avenues of investigation have only marginally been explored. A way needs to be found to develop additional analysis from the existing data collected to produce this report by making microdata available to researchers in an environment in which the confidentiality of the data remains under the control of Research & Planning. Researchers interested in pursuing this possibility are urged to contact us.

Review of Literature Related to Nursing Retention

by Lisa Knapp, Research Analyst

ccording to the U.S. Bureau of Labor Statistics (BLS; 2006), nurses treat, monitor, and educate patients; record medical histories; help to perform and analyze diagnostic tests; teach patients and family members how to manage illnesses and disorders; and provide patient and family support. Although three of five registered nurse (RN) positions are found in hospitals, nurses also work in correctional institutions, schools, long-term care facilities, and pharmaceutical and medical research companies among others. They may also analyze health data, run educational seminars, or work in medical, legal, or investigative research areas (BLS, 2006).

Nursing shortages are not unusual. Shortages of nurses were recorded in the 1950s, 1970s, 1980s, and early 1990s. For the most part, those shortages were remedied by offering better wages and better benefits, or by recruiting nurses from other countries (Berliner & Ginzberg, 2002). The current nursing shortage is different, though. It is still based in part on dissatisfaction with workplace issues such as wages. However, it also is due to an aging workforce and a decline in nursing school enrollment coupled with less space in nursing programs for new enrollees. These issues will be discussed later in this publication.

It is difficult to predict the exact shortage of nurses the U.S. will face because the scope of the problem depends on the number of vacancies and on the projected number of new positions needed to meet the needs of the nation's aging population. The Health Resources and Services Administration has created a projection model that, if current trends continue, indicates there will

be a shortage of up to 1 million full-time equivalent positions by 2020 (Biviano, Tise, Fritz, & Spencer, 2004). The BLS (2006) does not create projections for unfilled jobs, but modeling indicates that nursing jobs will grow "much faster than average" in the future.

A shortage of nurses can have negative consequences for hospitals and patients alike. Studies have found that replacing a nurse can cost up to twice the nurse's salary with costs going to advertising, interviewing, increased use of traveling nurses, overtime payments for hospital staff, and money lost due to decreased productivity (Atencio, Cohen, & Gorenberg, 2003). Likewise, studies have shown that shortages of nurses in hospitals may cause emergency room overcrowding and fewer staffed beds, which, in turn, may cause the hospital to cancel services and programs or cancel some elective surgeries (Joint Commission on Accreditation of Healthcare Organizations, 2002).

More serious, though, are the threats to patient health. Studies by Needleman, Buerhaus, Mattke, Stewart, and Zelvinsky (2002) found that more nurses resulted in lower levels of "failure to rescue" among surgery patients. These researchers also found that patients who received more attention from nurses were less likely to suffer from several common, nonfatal illnesses that were associated with a lack of nurses in past literature, such as urinary tract infections, pneumonia, gastrointestinal bleeding, and shock. Patients with attentive nurses were also more likely to have shorter hospital stays (Needleman et al.). Finally, Aiken, Clarke, Sloane, Sochalski, and Silber

(2002) found that there is a 7.0% increase in patient mortality for every patient added to the average nurse's workload.

Although most of the following research focuses on nurses in acute care facilities, a shortage of nurses will also have a sizeable effect on nursing & residential care facilities. The baby boom generation, which is currently between the ages of 44 and 62, will be entering health care facilities in greater numbers in 15-20 years, the same period as the projected peak of the nursing shortage. Some nursing homes already are experiencing problems with providing quality care. A recent article from the U.S. Government Accountability Office (2005) found that although the proportion of nursing homes that offer poor quality care has declined since 1999, there are still quite a few, and this number might be higher due to poor reporting. This report states that better surveying of nursing homes is needed. Additionally, it is difficult to hire the RN staff necessary to survey these facilities due to the nurse shortage and the competition among hiring units. The report states that the RNs hired to survey long-term care facilities often are inexperienced at finding and reporting care-related problems and often do not stay long in the position.

Retention Issues

Workplace satisfaction is important in explaining nursing staff shortages. Wages and benefits, workplace stress, high injury rates, and overtime demands can combine to create an unfavorable work environment. When this occurs, nurses may look for employment in other areas of health care, such as in physicians' offices or with pharmaceutical companies, or they may leave the health care industry entirely.

Nurses often cite their general work

environment as a source of dissatisfaction. In particular, they state they no longer have enough time to spend on caring for patients due to both a shortage of nursing staff and a shortage of support staff. In fact, one study showed more than half of nurses rated their satisfaction regarding staff levels as low (Peter D. Hart Research Associates, 2001). Because of this, nurses said they spend a greater share of their time on paperwork and other tasks such as ordering supplies and coordinating activities rather than caring for patients (Joint Commission on Accreditation of Healthcare Organizations, 2002).

Additionally, nurses report they do not receive a proper level of respect from their employers and from the physicians and other staff with whom they work. Some studies have found that nurses who work in environments with poor organizational support and those who don't get enough recognition from their employers are more likely to be dissatisfied (Aiken, et al., 2002; United States Government Accountability Office, 2001). Other studies show that verbal abuse by physicians increases nurse stress and job dissatisfaction levels (Joint Commission on Accreditation of Healthcare Organizations, 2002).

Dissatisfaction with work schedules is sometimes mentioned in nursing research (Easton, Rossin, & Borders, 1991). Nurses generally work 8-hour or 12-hour shifts, both of which were studied in a meta-analysis by Smith, Folkard, Tucker, and Macdonald (1998). The authors found that although 12-hour shifts are often associated with better employee morale and fewer absences due to illness among nurses, they are also associated with decreased alertness and increased levels of fatigue, increased work strain, and negative effects on family and social life.

Increasingly, mandatory overtime is being used to offset the problems associated with a shortage of nurses (Lovell, 2006; Ginty, 2004; American Organization of Nurse Executives, 2003; United American Nurses, n.d.; United Nurses of America, n.d.). The Fair Labor Standards Act (FLSA) of 1938, amended, states that if an employee works more than 40 hours in a seven-day period that employee must be paid no less than one and one half times his or her rate of pay. Because the work schedules in hospitals and other medical institutions tend to be varied and may be longer than 40 hours in one week, an exemption was made for these workers that states an employee must be paid time and a half if he or she works more than 80 hours in a 14-day period.

Mandatory overtime in hospitals has become more prevalent in part because of insufficient staffing levels and in part because of the belief that it is less expensive to require nurses to work overtime than to spend money on recruiting (United Nurses of America, n.d.). One study by the Joint Commission on Accreditation of Healthcare Organizations (2002) found that nurses work more than an estimated eight weeks of overtime per year. Another study (Berney, Needleman, & Kovner, 2005) found that the average nurse works up to an extra 4.5% of the work week as overtime.

A 2000 study by the U.S. Department of Labor found that 40.0% of nursing & residential care facilities failed to comply with Fair Labor Standards Act regulations governing overtime pay, minimum wages, and child labor laws. In particular, they found that these facilities did not pay overtime to employees due to misclassification, failure to pay for time worked during meals, and general failure to

pay time and a half for extra hours worked.

In reaction to the growing use of overtime in health care, many nurses increasingly search for work with pharmaceutical companies, insurance companies, medical device vendors, and consulting firms that are more likely to offer higher wages (Lovell, 2006), regular shifts with little or no overtime, and weekends off (Joint Commission on Accreditation of Healthcare Organizations, 2002). In 2005, members of Congress introduced the Safe Nursing and Patient Care Act of 2005 (H.R. 791). Although this bill did not pass, it was intended to increase patient safety by limiting the number of overtime hours nurses may work.

Nursing can be a hazardous occupation. Studies have shown that at least one-third of on-the-job injuries suffered by nurses are musculoskeletal (Joint Commission on Accreditation of Healthcare Organizations, 2002) such as sprained backs or necks, joint problems, and repetitive movement injuries (American Nurses Association, n.d.). Other injuries and illnesses include cardiovascular disease, hypertension, stress, and depression (United American Nurses, n.d.).

Although health care settings have not been specifically studied for these adverse reactions, other industries such as transportation and manufacturing have been studied and similar effects have been noted (Agency for Healthcare Research and Quality, 2004). Many occupations in these industries now have regulations on the length of time an employee is allowed to work due to the negative effects that long hours have on workers (United Nurses of America, n.d.). In addition, 10 states have enacted statutes regulating how hospitals

use overtime, and 15 other states have considered similar legislation (United American Nurses, 2005).

Another source of job dissatisfaction among nurses involves wages. According to research by the American Hospital Association and the Lewin Group (2005), 64.0% of the money hospitals spend on purchases of goods and services goes to pay staff salaries and benefits. Many factors have led to the decreased financial capabilities of hospitals and other health care providers. The Balanced Budget Act of 1997, which was created to control the amount of money spent on Medicare payments (Wilensky, 2000), is one of the most important factors for the decrease. Demands by managed-care organizations, insurance companies, and private parties to lower health care costs also contribute to the decrease (Needleman, et al., 2002; Peterson, 2001). In addition, pharmaceutical and supply costs have steadily increased as have the costs of new technology (American Hospital Association, 2005). The combination of these factors has led hospitals to claim they have less expendable income.

According to Levine (2002), during the most recent past nursing shortage, from 1989 to 1993, nursing wages increased at a faster pace (20.7%) than wages in other professional occupations (16.0%). Recent research by the Institute for Women's Policy Research (Lovell, 2006) shows that although hospitals started to report shortages of nurses in 1997, inflation-adjusted wages for nurses between 1996 and 2000 actually fell. In addition, Schumacher (2001) reports that nurses' inflation-adjusted wages fell in comparison to the wages of both other female college graduates and other health care professionals. It has been found that nurses' wages do not increase substantially

in relation to years of service. The United States Department of Health and Human Services (2002) found that, on average, wages for nurses with 20 years of service were only about 3.0% higher than those of nurses with only five years of experience. Similarly, it appears that education level does not have a significant effect on nurse wages (Ault & Rutman, 2002).

Rural Nursing and Migration

In rural areas, issues with recruitment and retention of nurses are more pronounced. In fact, Bushy (2004) lists five major obstacles that rural nurses may face: scarce resources, the need to be a generalist, social isolation, lack of anonymity and confidentiality, and differences in views on gender roles.

Nurse wages in rural areas can be a detriment to attracting and retaining nurses. Studies have found that nurses in rural settings earn less than their urban counterparts regardless of education level (Skillman, Palazzo, Keepnews, & Hart, 2005). In addition, it is difficult for rural health care providers to offer wages or bonuses that are competitive to those offered by urban health care providers. This is due, in part, to firm size because rural providers tend to be smaller and care for fewer paying patients than their urban counterparts, and in part to a lower level of funding received from the federal government in the form of Medicare reimbursements (Trossman, 2001; Bushy, 2004; Frontier Education Center, 2004). Even though the lower cost of living may balance out the pay difference between rural and urban settings, bigger paychecks combined with more social activities and less isolation can make urban areas more appealing (Skillman et al., 2005).

Rural nurses often are expected to

become generalists with the ability to care for people in many areas of health care rather than specializing in one area, as urban nurses often do. Many nursing programs emphasize choosing a specialty. Consequently, nurses starting work in a rural facility tend to feel they have not been properly prepared for the work (Frontier Education Center, 2004; Bushy, 2004).

Another issue associated with rural nursing is that nurses in these settings tend to have lower levels of education than urban nurses. For example, Frontier Education Center (2004) found that more rural nurses than urban nurses had associate's degrees, while more urban than rural nurses had bachelor's degrees.

Other factors that pose problems for recruiting and retaining nurses in rural areas are social and physical isolation. When nurses and other medical professionals work near medical facilities in urban areas, they have greater opportunities to consult and network with other professionals. This tends to be more difficult for rural nurses although advances in telecommunication equipment and computers have eased some of the difficulty (Bushy, 2004). A contributing factor is the lack of job opportunities for spouses. A nurse interested in working in a rural setting may choose not to do so if his or her spouse is unable to find employment (Tone, 1999). Isolation also creates a problem for obtaining necessary continuing education credits. Although advanced telecommunication and computer systems help to ease this problem, proximity makes it easier for an urban nurse to access educational programs (Bushy, 2004).

Finally, lack of anonymity and confidentiality are factors that dissuade

many people. Nurses in rural areas complain that they have lost their anonymity and are often accosted in stores or at home by people wanting ailments diagnosed (Bushy, 2004). Trossman (2001) points out there are three types of people who generally want to work in rural settings: those with spouses who are employed in the area, those who grew up in a rural area and wish to return, and those who move to rural areas in order to escape "big-city life."

In 1997 Congress implemented the Rural Hospital Flexibility Program as part of the Balanced Budget Act of 1997. Part of this program allowed for the designation of critical access hospital in order to increase funding to rural hospitals through costbased medical reimbursements rather than basing repayments on the typical Medicare reimbursement schedule (Stensland, Davidson, & Moscovice, 2003). Prior to this program, rural hospitals suffered from financial issues and many faced closure (Henderson & Coopey, 2000). Reasons for this include a Medicare repayment system that was structured for larger hospitals, the costs of meeting minimum staffing levels even when patient levels are low (Hagopian, Johnson, Fordyce, Blades, & Hart, 2003), and a lack of income caused by people choosing to go to larger hospitals (Henderson & Coopey).

In order to be designated a critical access hospital, a rural hospital may only have up to 15 beds or up to 25 beds if 10 are swing beds. Additionally, patients cannot be admitted for more than 96 hours, the hospital must provide 24-hour emergency services, and they must apply for and be granted designation by the state (Henderson & Coopey, 2000).

The Rural Hospital Flexibility Program

was created to keep small rural hospitals viable and increase funding for better services and technology (Henderson & Coopey, 2000) and to increase funding for staff, particularly nursing staff. Rural administrators have long stated that they have problems recruiting and retaining nurses, especially nurses with experience (Hagopian et al., 2003). With the additional funds provided by Medicare, critical access hospitals have been able to increase nurse wages, although rural nursing wages are still not as high as nonrural nursing wages (Stensland et al., 2003). To balance out the lower wages when retaining nurses, rural hospital administrators have also applied strategies such as extensive networking, "grow your own" training programs, and improved work environments (Hagopian, Johnson, Fordyce, Blades, and Hart, 2003).

Migration in and out of the state is also a topic of concern with regard to nurses. Historically, migration patterns have flowed from nonmetropolitan areas to metropolitan areas, but there was a shift in the 1970s and the 1990s during which more people moved into nonmetropolitan places (Fuguitt, Beale, Fulton, & Gibson, 1998). Wyoming has seen in-migration in recent years, mostly due to jobs in the mining and construction industries, and may see in-migration in the near future due to baby boom retirees seeking retirement locations featuring natural amenities. However, there is a high rate of out-migration, especially among younger people in search of better-paying jobs. Both of these patterns will affect the future supply of nurses in Wyoming.

Research has shown that younger people are more likely to migrate than older people (Sandefur & Scott, 1981), usually for education or career purposes. Cohort analysis by Jones (2005), which examined

the appearance of one group of individuals in Wyoming wage records between 1993 and 2003, found that by 2003, 56.6% of people age 18-24 in 1992 no longer worked in the state. This research also found that although 56.6% of the cohort left the state, there was significant in-migration to fill the gap.

The type and education of workers entering and leaving the state may help explain this. Baron, Glover, and Henderson (1998) found that University of Wyoming graduates who left the state often were in white-collar professions such as engineering, physical sciences, and health care. While recent job growth in the state has occurred predominately in the natural resources & mining and construction industries (Bullard, 2006), white-collar workers may be leaving the state in search of better-paying jobs in their fields as skilled laborers move into the state to fill high-paying blue-collar jobs.

Just as out-migration of young professionals can impact nursing in the state, so can in-migration of retirees. Research by Conway and Houtenville (2003) found that, among other things, retirees tend to move to states with favorable income tax laws. In addition, baby boom retirees differ somewhat from previous generations in that they are more likely to look for retirement places that offer outdoor recreation, natural amenities, and opportunities for education. The combination of these factors may be making Wyoming and other Western states very appealing to many older migrants.

Solutions

There have been several suggestions to fix the nursing shortage, including improved work conditions, minimized stress and work injuries, and increased wages. These solutions have worked in the past and could potentially work now, but because this nursing shortage is based not only on nurse dissatisfaction but also on an aging population, other solutions will also be necessary.

One suggestion is to improve the retention levels of older nurses past the age of typical retirement. Older nurses tend to have worked in the field longer and are a valuable source of experience and knowledge. The factors that may entice an older nurse to remain employed are somewhat different than those aimed at retaining younger workers. In general, older people are more susceptible to workplace injuries, allergies and other sensitivities, foot or leg pain, and vision problems (Hatcher, 2006). Therefore, policies that create a safer, more ergonomic workplace likely would be important to older nurses. Flexible or part-time work schedules are also important to older nurses (Holtom & O'Neill, 2004), as are phased retirement plans (Hatcher). Although wages are an important factor - research has shown that the wages of more experienced nurses are only 1.0% to 3.0% greater than those of newly hired nurses (Cohen, 2006; Norman et al., 2005) - benefits packages often are considered more important (Letvak, 2002; Hatcher, 2006).

Magnet hospital status is often discussed as a means of attracting and retaining nursing staff. Magnet hospitals must pass a certification process through the American Nurses Credentialing Center that includes documentation of nurse satisfaction levels, patient safety records, and fair labor practices. Magnet hospitals have existed for the last 20 years, and research about them has shown that these hospitals have less turnover and greater levels of nurse satisfaction than nonmagnet hospitals (Aiken, Havens, & Sloane, 2000).

These hospitals are known for offering an environment of autonomy that allows nurses to participate in decision-making, has career advancement programs in place, allows for a regular exchange of information among nurses, and has adequate nurse-to-patient staffing ratios (Upenieks, 2003).

The recruitment of foreign-trained nurses to fill nursing shortages has been used in the United States and other developed nations for decades (Brush, Solchaski, & Berger, 2004). In general, foreign-trained nurses come to the U.S. in order to improve their personal and professional lives through better wages and better working and living environments. Additionally, foreign-trained nurses often send part of their pay back home to family members, which becomes a source of income in developing nations. This practice is so important to some countries, such as the Philippines, that they train nurses expressly to work in other countries (Aiken, Buchan, Sochalski, Nichols, & Powell, 2004).

Although foreign nurses can fill a hole in the workforce, there are some issues associated with their recruitment. Specifically, there are language and cultural barriers that must be overcome. In the United States, foreign-trained nurses must pass the National Council Licensure Examination for Registered Nurses as well as the Test of English as Foreign Language to become a registered nurse (Brush et al., 2004; Davis & Nichols, 2002). Even those who pass these tests experience language barriers and may have trouble understanding unfamiliar slang or medical jargon. Likewise, adjusting to cultural differences in such things as body language, eye contact, and various forms of communication may be difficult for some (Davis & Nichols).

Perhaps more important are the ethical considerations involved with the recruitment of foreign-trained nurses from nations already facing nursing shortages. The impending nursing shortage is not unique to the United States; rather, it is occurring in most developed nations for many of the same reasons (Aiken et al., 2004). Recruiting creates a more pronounced shortage among impoverished, at-risk populations from which the nurses come (Brush et al., 2004). This is true for most African nations and some, such as Ghana, have requested that recruitment stop in their country (Brush et al., 2004). Even countries that have policies aimed specifically at training and exporting nurses (e.g., the Philippines) are feeling a strain on their own health care system (Aiken et al., 2004; Brush et al., 2004).

Several states have recently passed legislation allowing the use of medication aides in an attempt to lighten nurse workloads (McDermott, 2004). These aides are tasked with administering routine medications to patients, usually in long-term care settings (Wood, 2006). Many states require that medication aides be certified and some states require that they be certified nursing assistants before completing training to dispense medications, but the education requirements are not uniform across states (McDermott).

There is very little research on the effectiveness or safety of having medication aides (Wood, 2006), but the practice tends to be controversial, especially among the nursing community. Because medication aides are unlicensed and often have minimal training, there are questions regarding their ability to judge a situation or patient's health well enough to recognize adverse effects caused by medications (Glazer, 2002). A recent study by Scott-Cawiezell,

Pepper, Madsen, Petroski, Vogelsmeier, and Zellmer (2007) found that medication aides were actually less likely to make errors than registered nurses, probably because the medication aide is less likely to be interrupted or distracted. The authors point out, though, that this study involved a very small sample and based their conclusions on "naive observation." Because medication aides are so new to the field of health care, more research will be necessary to determine what effect these aides have on patient outcomes and on decreasing nurse workloads.

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Synopsis of Methodology

by: Lisa A. Knapp, Research Analyst

Research and Planning (R&P) began the survey process by conducting an extensive review of professional research pertaining to areas that affect nurses. This review was then used to design the survey instrument. The instrument measures nurse satisfaction and its influence on job retention. It includes measures related to staffing levels, non-nursing tasks, wages and benefits, and hospital safety for both nurses and patients.

In order to ensure that all relevant questions were asked, the instrument was presented to a nurse advisory committee prior to finalizing the survey instrument. This nurse advisory committee was comprised of several nurses from various disciplines including hospital and long-term care nurses and nurse managers, public health nurses, and members of the Wyoming Board of Nursing.

Two versions of the survey were created: one for nurses working in ambulatory care (includes private doctor's offices and surgery centers) and one for nurses working in hospitals and long-term care. Both surveys included questions involving satisfaction, background, and demographics, but the hospital and long-term care survey also included questions about overtime and shift work. Nurses were given a reference date to standardize their answers to a specific point in time. The reference date for ambulatory care nurses was June 12, 2007 and for hospital and long term care nurses it was July 12, 2007.

All nurses were sent an advance letter to inform them of the upcoming survey as well as act as a form of address refinement and population verification (e.g. nurses we can no longer locate). This left a survey population of 672 nurses in ambulatory care and 2,969 nurses in hospitals and long-term care.

Each nurse was assigned a confidential random identification number and was mailed a copy of the survey, a cover letter explaining the purpose of the survey, and a stamped, addressed return envelope. Nurses were sent up to two more mailings between July and October depending on how they responded to the previous mailing.

Reference Quarter					
2007Q2	2007Q3	2007Q4	2008Q1	2008Q2	2008Q3
Ambulatory Care Nurses Surveyed	Hospital and LTC Nurses Surveyed			One Year Follow- Up for Ambulatory Care Nurses	One Year Follow Up Hospital and LTC Nurses
Date Wage Records Available					

Nurses younger than age 35 in the hospital and long-term care survey were less likely to respond than nurses older than 35. In order to increase the response rate for these younger nurses, phone calls were made in early November and resulted in an additional 49 (1.7%) responses.

After nurses identified as no longer working in Wyoming were removed from the sample, the final response rate for nurses working in an ambulatory setting was 71.4% (N=434) and the response rate for nurses working in a hospital setting was 67.5% (N=1,901).

Table 2: Ambulatory Health Care Services Nurses Who Indicated an Intent to Leave Their Primary Employer	
Within One Year	

Status	n	%
Not Found Working In Wyoming During 2007Q2	5	6.0%
Working in Wyoming During 2007Q2	78	94.0%
Total	83	100.0%
Working For The Same Primary Employer in both 2007Q2 and 2007Q4	45	54.2%
Total	83	100.0%
Note: These nurses have only had two quarters to leave.		

Table 3: Hospital and Nursing & Residential Care Facilities Nurses Who Indicated an Intent to Leave Their Primary Employer Within One Year

Status	n	<u> </u>
Not Found Working In Wyoming During 2007Q3	23	7.3%
Working in Wyoming During 2007Q3	292	92.7%
Total	315	100.0%
Working For The Same Primary Employer in both 2007Q3 and 2007Q4	242	76.8%
Total	315	100.0%

Note: These nurses have only had one quarter to leave.

Factor Analysis

by: Douglas W. Leonard, Senior Economist

uring September 2007, Research & Planning (R&P) mailed surveys to all licensed Registered Nurses in Wyoming (see Chapter 3: Methodology). The survey instrument consisted of 86 questions ranging from satisfaction with base salary to perceptions of community services. Given the wide array of perception and satisfaction data collected, it was determined that results would be more understandable if

questions were grouped based on common themes. To accomplish this, we used a statistical technique called exploratory factor analysis. The factor analysis reduced the number of items scaled 1 to 5, from 45 to 8 (see Table 4). Reducing the number of items for analysis makes subsequent statistical models easier to understand. See Chapter 6 (page 274) for complete details of the factor analysis.

Table 4: Factor Analysis Question Groupings
1= Very Dissatisfied 2= Dissatisfied 3= Neither Satisfied nor Dissatisfied 4= Satisfied 5= Very Satisfied NA= Not Applicable

	I. Professional Development						
34.	Opportunities for advancement	1	2	3	4	5	NA
43.	Opportunities to use your skills	1	2	3	4	5	NA
44.	Opportunities to learn new skills	1	2	3	4	5	NA
45.	Opportunities for continuing education	1	2	3	4	5	NA
	II. Interpersonal						
24.	Skill of RNs where you work	1	2	3	4	5	NA
30.	Level of personal safety at the facility where you work	1	2	3	4	5	NA
31.	Work schedule	1	2	3	4	5	NA
33.	Job security	1	2	3	4	5	NA
35.	Support from nurses with whom you work	1	2	3	4	5	NA
36.	Support from your nursing administration	1	2	3	4	5	NA
37.	Interactions with physicians	1	2	3	4	5	NA
38.	Interactions with other non-nursing staff	1	2	3	4	5	NA
40.	Interaction with patients	1	2	3	4	5	NA
42.	Involvement in policy and management decisions	1	2	3	4	5	NA
46.	Quality of patient care where you work	1	2	3	4	5	NA
47.	Feeling that your work is important	1	2	3	4	5	NA
	III. Compensation						
21.	Your current base salary	1	2	3	4	5	NA
22.	Salary range for your position	1	2	3	4	5	NA
23.	Employee benefits	1	2	3	4	5	NA
	IV. Non-Nursing Tasks						
26.	Adequacy of clerical support services	1	2	3	4	5	NA
27.	Non-nursing tasks required of you (e.g., housekeeping, lab)	1	2	3	4	5	NA
28.	Amount of paperwork required	1	2	3	4	5	NA
41.	Time available for patient education	1	2	3	4	5	NA
	V. Local Economic Conditions						
71.	Economic opportunities	1	2	3	4	5	NA
				- T	,		on page

Гablе	4: Factor Analysis Question Groupings						
73.	Cost of living	1	2	3	4	5	NA
74.	Rural character	1	2	3	4	5	NA
76.	Housing	1	2	3	4	5	NA
	VI. Family Proximity						
72.	Proximity to family	1	2	3	4	5	NA
	VII. Community Services						
78.	Parks and recreation/natural amenities	1	2	3	4	5	NA
79.	Education (K-12)	1	2	3	4	5	NA
80.	Access to post-secondary education, including continuing education	1	2	3	4	5	NA
81.	Day care services	1	2	3	4	5	NA
82.	Medical care services	1	2	3	4	5	NA
83.	Mental health services	1	2	3	4	5	NA
	VIII. Disposable Income						
84.	Retail shopping	1	2	3	4	5	NA
85.	Restaurants/entertainment	1	2	3	4	5	NA

Logistic Regression Model Development

We modeled the factors (see Table 5, page 24) on the stated intent to leave (see Appendix A, survey question 6, page 109) both singly and in combination. Binary logistic regression allows us to predict the value of a question response with only two values: yes and no. Initial results indicated that age, interpersonal interactions, professional development, and community ties most accurately predicted stated intent to leave. However, the literature review and respondent comments (see pages 7 and 30, respectively) indicated that base salary satisfaction was an important factor in the decision to leave. Salary was inserted into the model with the previously mentioned variables and a significant statistical relationship was found. The final model is presented in Table 6 (see page 24). The indented items in Table 5 indicate the questions that, when added together, comprise a factor. Two items, question 86 (tied to community) and question 69a (opportunity to move) were reverse-coded on the questionnaire (see Table 5). The coding scheme on these questions was changed to enable easier interpretation of the results. Changing the coding scheme on those items had no effect on the results.¹

Because not all respondents answered every question, some question responses contained missing data. To maximize the number of cases available for analysis on the scaled items, median answers (by question) filled missing responses. This method eliminates bias that may occur when mean values are used. By utilizing the imputation method on the scaled items, 2,370 observations were available for the factor analysis. In addition, for the logistic regression model we excluded some cases from the analysis that had 1) a missing value on the dependent variable, 2) respondents age 65+, 3) an undetermined age, or 4) indicated a desire to retire in the next 12 months. We excluded cases under scenario 1 because there is nothing to predict. Cases under scenarios 2 and 4 were excluded because respondents at or near retirement age might have skewed the results for younger workers (out of scope), or if respondents' birthdates were missing or deemed invalid. The data exclusions left 2,061 observations available for the regression analysis.

and Description	Possible Responses
PRIM_LV 6. Do you plan to leave?	Yes/No
SALARY 21. Your current base salary?	(1-5) 1=Very Dissatisfied 5=Very Satisfied
NTERPERS: Interpersonal Interactions	
24. Skill of RNs where you work	Same as 21
30. Personal safety	Same as 21
31. Work schedule	Same as 21
33. Job security	Same as 21
36. Nursing administration support	Same as 21
37. Physician interactions	Same as 21
38. Non-nursing staff interactions	Same as 21
40. Patient interactions	Same as 21
42. Involvement in policy and management	Same as 21
46. Quality of patient care	Same as 21
47. Feeling that your work is important	Same as 21
PROF_DEV: Professional Development	
34. Opportunities for advancement	Same as 21
43. Opportunities to use your skills	Same as 21
44. Opportunities to learn new skills	Same as 21
45. Opportunities for continuing education	Same as 21
MOVE2: 86. If given the opportunity would you move away from your current community? ¹	(1-5) 1=Very Likely 5=Very Unlikely
FIED_COMM2: 69a. I am tied to this community and cannot nove. 2	(1-5) 1=Strongly Agree 5=Strongly Disagree
AGE: (Calculated from Board of Nursing license file)	Used if birth date available and reasonable

Table 6: Analysis of Maxim	um Likelihood Estima		ndard Wald	I	
Parameter	DF	Estimate	Error	Chi-Square	Pr > Chi-Square
Intercept	1	2.8405	0.6157	21.2842	<.0001
SALARY	1	-0.1432	0.0643	4.9600	0.0259
tied_comm2	1	-0.2474	0.0547	20.4761	<.0001
prof_dev	1	-0.1274	0.0245	26.9439	<.0001
move2	1	0.3409	0.0550	38.3550	<.0001
interpers	1	-0.0393	0.0123	10.2763	0.0013
age	1	-0.0308	0.00652	22.2293	<.0001

Logistic Regression Results

Selected model output statistics are shown in Table 6. All model coefficients were significant at the p<.05 level. The parameter (independent variable) estimates indicate that the probability a respondent planned to leave in 12 months declined if:

- 1. Salary satisfaction increased (SALARY)
- This indicates that the probability of the result occurring by chance was less than 5%. Similarly p<.001 indicates the probability of the result occurring by chance was less than 0.1% (one in 1,000).

- 2. The perceived level respondents felt tied to the community increased (TIED_COMM2)
- 3. Satisfaction with professional development opportunities increased (PROF_DEV)
- 4. Satisfaction with interpersonal interactions increased (INTERPERS)
 - 5. Respondents were older (AGE)

Conversely, the probability of stated intent to leave increased the more

Effect		Point Estimate		Wald ce Limits
SALAR	Y	0.867	0.764	0.983
tied con	mm2	0.781	0.701	0.869
prof_de	v	0.880	0.839	0.924
move2		1.406	1.262	1.566
interpe	rs	0.961	0.939	0.985
age		0.970	0.957	0.982

Table 8: Association of Predicted Probabilities and Observation	rved Responses	
Somers' D	0.539	
Gamma	0.541	
c	0.769	

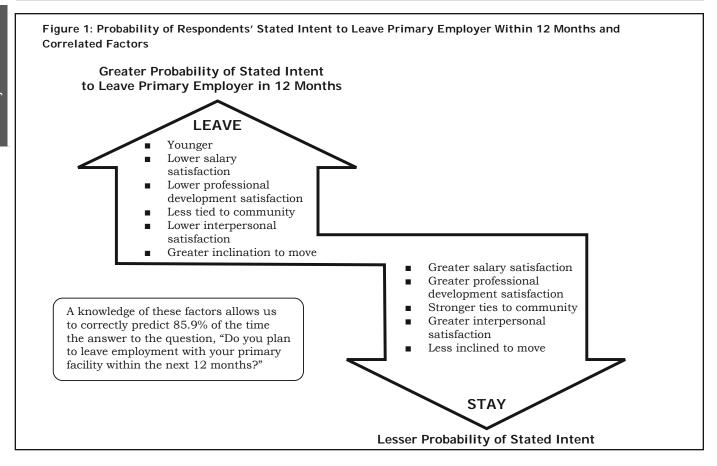
respondents felt they would move if the right opportunity availed itself to them (MOVE2). Conversationally, we categorize the predictors as one demographic variable (AGE), two community-related variables (TIED_COMM2, MOVE2), and three workplace variables (SALARY, INTERPERS, PROF_DEV; See Figure 1, page 26).

The model's predictive properties are further illustrated by the odds ratios shown in Table 7. Odds ratios indicate the change in the chance of leaving for a given variable value. For example, the estimate for the variable SALARY is 0.867. This means that for every point (1 - 5 scale, see)Table 4) satisfaction with salary increases (controlling for other model variables) the probability of a planned exit from primary facility decreases by 13.3% (1 – 0.867). The same type of result occurs for TIED_ COMM2, PROF_DEV, INTERPERS and AGE in that as their values increase, stated intent to leave declines. However, for the variable MOVE2, we see that the odds of a planned exit increase by 40.6% (1.406) for each one point increase in response to question 69a (following the change in coding scheme, see Table 5 and associated footnotes).

Three sets of statistics describe how well

the model predicts stated intent to leave (see Table 8). Several measures indicate how well the model reduces error when correctly predicting the stated intent to leave when compared to random chance. The first of the measures, Somers' D, indicates that the model reduces error in predicting stated intent to leave by 53.9% (D=0.539). The second measure, Goodman and Kruskal's Gamma, shows a similar reduction in error compared to random chance (y=0.541). The c-statistic is another model performance indicator. In this case, the value of c is 0.769. A value larger than 0.5 indicates the model predicts the outcome better than random chance. All three measures indicate a significant reduction in the error of predicting a correct response to question 6 compared to random chance.

Another measure of model accuracy is its classification table. The classification groups modeled and actual responses into four categories, 1) Model=Yes, Actual=Yes (correct), 2) Model=No, Actual=No (correct), 3) Model=Yes, Actual=No (false positive), and 4) Model=No, Actual=Yes (false negative). In this instance, at the 0.500 cutoff level, the model correctly predicts a "yes" answer on question 6 60.6% of the time (40/66) and correctly predicts a "no" response 86.7% of the time (1,730/1,995).



The overall accuracy rate of the model was 85.9% (1,770 correctly identified cases/2,061 total cases).

Discussion

The factor analysis provided a way of reducing the number of variables analyzed in the study. An additional benefit was to clarify which of the scaled items could be grouped together as common measures of different types of satisfaction. While the method used is computationally intensive, it is by no means exhaustive. Alternative methods of factor extraction and rotation may yield different solutions and potentially affect the result.

Although the overall accuracy of the model is satisfactory (86.7%), 60.6% of those RNs stating they would leave their jobs in

12 months were correctly predicted by the model. This is most likely due to variables not measured with the questionnaire. As R&P receives feedback from the Nurse Advisory Council, Wyoming Healthcare Commission, and other groups, measures not utilized in the current study may be included in future study iterations.

Model results indicated respondent age was a statistically significant predictor of stated intent to leave.

Summary

The factor analysis and modeling exercise integrated administrative and questionnaire data. It is possible that alternative factor extraction and rotation procedures could produce slightly different results. However, given the amount of rigor employed during the data investigation phase, it is unlikely to produce substantive differences from the configuration reported in this chapter. It is of great interest to R&P, the Board of Nursing, and the Health Care

Commission to study how well the model predicts not only stated intent to leave, but also the actual separation event itself. In doing so, we can determine how well the questionnaire predicts turnover among Wyoming's Registered Nurses.

From Modeling to Prediction

by: Douglas W. Leonard, Senior Economist

In the previous section, we described the use of factor analysis and logistic regression to estimate registered nurses' (RNs) stated intent to leave their primary employer. While this information provided useful insights into RNs' future intentions, further use of administrative data allows the analysis to proceed to the next step. In this section, we analyze RN exit rates from hospitals in light of the factors identified in the previous section to determine if satisfaction and other scaled item scores predict near-term turnover.

Methodology

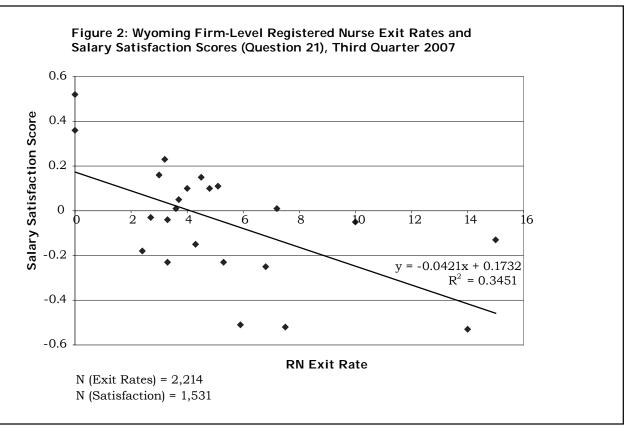
According to Glover (2001), we define exits as workers attached to an employer in the previous quarter (second quarter 2007; 2007Q2) and the current quarter (2007Q3), but not in the subsequent quarter (2007Q4). We applied the definition to unemployment insurance wage records (Gosar, 1995) to calculate exit rates at the employer level. RNs were assigned to industries according to their primary employers (e.g., the employer who paid them the greatest wages in 2007Q3). We chose 2007Q3 as the base quarter because the questionnaire data collection occurred in 2007Q2. Using the same questionnaire data analyzed in the factor and logistic regression analysis, we plotted employerlevel turnover rates in hospitals on the

x-axis and standardized factor scores on the y-axis. We standardized factor and item scores to a mean of zero and a standard deviation of one by industry. Standardized scores allowed us to compare factors with different numbers of scaled items directly. Although using 2007Q3 turnover rates is a very near-term estimation of model and questionnaire predictive validity, our intent is to demonstrate the application of these methods. For the purposes of this analysis, we selected the top three questionnaire items, or factors, based on linear regression models.

Results

Figure 2 (see page 28) represents the variable with the strongest linear relationship to firm-level exit rates, base salary satisfaction (question 21). As the trend line indicates, increasing values of exit rates negatively correlate to base salary satisfaction at the employer level. Exit rates account for approximately 34% of the variance in standardized base salary satisfaction (and vice versa). Similar to the model results, increasing values of satisfaction tend to lead to decreasing exit rates.

Figure 3 (see page 29) illustrates the relationship between employer-level exit rates and perceived RN ties to the



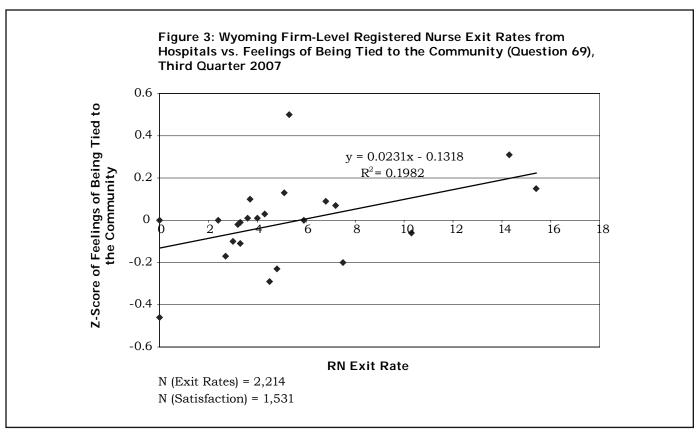
community (question 69). Higher scores on this item indicate increased levels of agreement with the question, "I am tied to my community and cannot leave." This is a change from the original question scoring in which increasing scores indicate increasing disagreement with the statement in question 69. Therefore, as perceived ties to the community increase, exit rates increase at the employer level. While this finding seems counterintuitive, Figure 3 (see page 29) compares employer-level exit rates with employer level standardized satisfaction scores, whereas modeling compared individuals' characteristics to individuals' stated intent to leave employment. In addition, if RNs perceive community ties as a negative, frustration may build to the point where they choose to leave not only their primary employers, but also the community (and state) altogether.

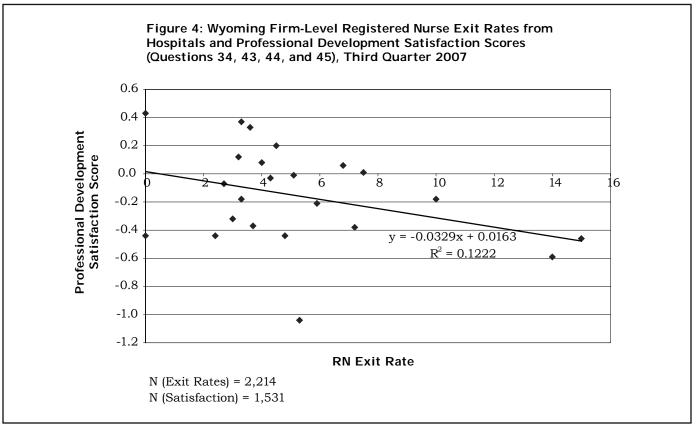
Figure 4 (see page 29) illustrates how satisfaction with professional development scores (the sum of questions 34, 43, 44, and 45; see page 57) varied with employer-level exit rates. The trend line indicates a weak but inverse relationship between professional development scores and employer exit rates. In other words, as professional development satisfaction scores rise, exit rates tend to decline and vice versa. Should this finding hold true in 2008Q3, employers may be able to reduce RN exit rates by increasing their satisfaction with professional development opportunities.

Summary

In this chapter, we demonstrated how R&P could combine questionnaire

(Text continued on page 30)





(Text continued from page 28)

and administrative data to measure the predictive validity of the survey instrument. This approach is more cost-effective and accurate than conducting another survey to determine if RNs left their primary employers. The real test of the questionnaire's predictive validity will take place in 2009 when we can measure exit rates that match the time horizon specified in question 6. Until then, we can monitor exit rates and compare them to scaled item scores.

References

Glover, W. (2001, December 11). Turnover analyses; definitions, process, and quantification. Retrieved May 8, 2008, from http://doe.state.wy.us/LMI/w_r_research/Turnover_Methodology.pdf

Gosar, W. (1995, May). Wyoming unemployment insurance wage record summary statistics – A new way to look at Wyoming. *Wyoming Labor Force Trends, (32)5.* Downloaded May 8, 2008 from http://doe.state.wy.us/LMI/0595/0595a2. htm

Comment Analysis

by: Sylvia D. Jones, Senior Research Analyst

t the end of the survey form we asked nurses to comment on any topic **L**raised in the questionnaire. Not all respondents chose to do so; however, those who did offered substantial insight into the issues that mattered to them personally. In order to quantify the information in the comments, we created a list of 32 themes found in the nursing literature, in the questionnaire satisfaction measures, and in other survey questions. We also included themes from the comments themselves that did not appear elsewhere. Each incidence of a comment was counted one time such that respondents could have multiple entries. No attention was paid to the context of the comment, only to the mention of the comment theme itself. For instance, whether the sentence was "I think nurses are overpaid" or "I think nurses are underpaid," the wages theme was coded. Future analysis could investigate differences between positive and negative comments.

After coding the comments into themes,

they were tabulated and frequencies were computed. There were 1,694 total comments made by 558 individual nurses (23.2% of respondents). Comment themes and frequencies can be found on page 32 and Appendix B, page 123, respectively. For the sake of discussion in this study, we assumed that frequency of appearance was related to the relative importance of the comment theme. In other words, those ideas commented on most frequently were relatively more important than those ideas receiving fewer mentions.

While content analysis is interesting and often reveals useful data, the most frequent use is as illustration and corroboration for the more quantitative sections of the analysis. It serves as a potential guide for subsequent studies because, in essence, it either provides or fails to provide face validity to the study. For instance, comments largely in line with modeled predictors of behavior would basically substantiate the validity of the model's

conclusions. Alternatively, comments on topics not explained in the quantitative model raise questions about the efficacy of the conclusions. Such questions could lead to further investigation.

The primary reason for using content analysis as a secondary source of analysis rather than a primary source is the issue of randomization. Not all responding nurses chose to write comments; therefore, the comments collected were not from a random sample and cannot be viewed as representative. If all nurses who returned the questionnaire were engaged in conversation or an unstructured interview, the results would potentially be representative, barring overall response bias.

Comments on Modeled Concepts

by: Sylvia D. Jones, Senior Research Analyst

as stated in the previous section, content analysis is often used as illustration and corroboration for the quantitative sections of the analysis as well as a method for uncovering unexplained theoretical avenues. In this study, as in others that include content analysis, investigators looked to the comments as a method of gauging the efficacy of the

modeled conclusions. Congruence between the content analysis results and the quantitative model is associated with confidence in the validity of the statistical results. In general, the content themes found in this analysis corresponded to the modeled concepts. However, the issues appear to be much more complex than simple analysis of the scaled items would suggest.

KEY POINTS

- In general, the content themes found in this analysis corresponded to the modeled concepts.
- There were 256 comments covering two categories that could be described by the Compensation factor: Wages and Benefits.
- There were 279 comments covering four categories that could be described by the Tied to Community factor: Community, Family, Housing/Cost of Living, and Daycare.
- There were 28 comments in only one category (Continuing Education/Advancement) that could be described by the Professional Development factor.
- There were 672 comments covering 12 categories that could be described by the Interpersonal factor: Management, Respect, Autonomy, Abuse, Physician Interaction, Unlicensed Staff, Overtime, Shifts/Flexibility, Patient Safety, Nurse Safety, Patient Ratio, and Quality of Patient Care.
- The following items were not found by the quantitative model to be significant predictors of a nurse's stated intent to leave his or her current employer: Workload, Paperwork, Corporate Issues, and Quality of New Nurses.

Table 9: Comments by Factor Analysis Question Grouping

	n of Comments	% of Comments	% of Nurses Who Responded
Tied to the Community	279	16.4%	35.2%
Community	115	6.8%	19.4%
Family	74	4.4%	13.1%
Housing/Cost of Living	68	4.0%	10.9%
Daycare	22	1.3%	3.4%
Compensation	256	15.1%	35.8%
Wages	198	11.7%	31.2%
Benefits	58	3.4%	9.7%
Interpersonal	672	39.6%	60.2%
Management	148	8.7%	23.8%
Respect	111	6.5%	17.5%
Autonomy	5	0.3%	1.0%
Abuse	4	0.2%	0.8%
Physician Interaction	23	1.4%	4.0%
Unlicensed Staff	9	0.5%	1.7%
Overtime	38	2.2%	6.1%
Shifts/Flexibility	76	4.5%	12.2%
Patient Safety	42	2.5%	7.0%
Nurse Safety	16	0.9%	2.7%
Patient Ratio	121	7.1%	18.7%
Quality of Patient Care	79	4.6%	13.7%
Professional Development	28	1.6%	5.1%
Continuing Education/ Advancement	28	1.6%	5.1%
Non-Nursing Tasks	115	6.8%	17.3%
Workload	63	3.7%	10.9%
Paperwork	52	3.1%	8.6%
Other Themes			
Corporate Issues	81	4.8%	13.3%
Quality of New Nurses	83	4.9%	13.3%

Compensation: There were 256 comments covering two categories – Wages and Benefits – that could be described by the Compensation factor (see Factor Analysis section,

Page 22). Taken together, the two comment groups encompassed 15.1% (256) of comments and were mentioned by 35.8% of commenting nurses (see Table 9). As evidenced by

the only slightly elevated percentage of responding nurses (35.8% rather than the expected 40.9% if the comments were unique), nurses commonly mentioned issues with both wages and benefits rather than just one or the other.

An example of the Wages category is: "The main problem, I feel, in the nursing field in Wyoming is the low pay scale. If the pay was comparable to other states, then a lot of the other problems we deal with would not be so hard to handle, including excess paperwork or duties." This category received the most comments (198 or 11.7% of comments) and was mentioned by the largest percentage of nurses (31.2%). It could certainly be argued that wages are the most important issue to those nurses who included written comments.

An example of the Benefits category is: "I believe wages and insurance should be better for nursing personnel." Almost 10% (9.7%) of nurses who commented mentioned Benefits at least once. There were 58 (3.4%) references to the category, often in conjunction with concern for wages.

Tied to the Community: There were 279 comments

covering four categories that could be described by the Tied to the Community factor. The categories include: Community, Family, Housing/Cost of Living, and Daycare. Taken together, the four comment groups encompassed 16.4% of total comments and were mentioned by 35.2% of commenting nurses.

The community theme is illustrated by: "All my children NEVER considered living here after college. They need to go where the money is and that is why we are leaving, to be closer to them, our parents, and grandchildren (future). Soon there won't be anyone left to work in the shops and restaurants. The retirees and children of the wealthy don't want to work there. The blue collar workers are being forced out by high land/home prices and how many will want to drive from [other towns] for a minimum [wage] to \$10/hr job? Especially with increasing gas prices?" The Community theme included all comments that referenced the respondent's town or place of residence, regardless of connotation. It included issues about shopping, restaurants, attitudes of neighbors, economic development, and "home," among others. This category received 115 comments (6.8%) from 19.4% of nurses who chose to comment.

An example of Family is: "When your family and ties to the community make it difficult to move to an urban area for employment it is difficult to survive." The theme included any mention of the respondent's family, either immediate or through marriage. Most comments focused on the spouse (as in, "My spouse loves it here."), parents ("I would leave if my parents went with me."), or children ("I will stay here until my youngest child graduates high school."). The category received 74 comments (4.4%) from 13.1% of

KEY POINTS

- The age distribution of those nurses who commented was similar to the distribution of those who responded to the survey.
- Most of the themes had age distributions similar to that of commenters in general.
- Wages appeared as the most frequently mentioned topic among all age groups except the oldest (65+) group.
- Issues with Management appeared as the second most frequently referenced topic overall, as well as among each age group, again, with the exception of the 65+ group.
- Patient Ratio and Understaffing was frequently mentioned by the three younger age groups (20-34, 35-44, and 45-54).

the commenting nurses. It was one of the most popular comments among nurses who indicated intent to retire within 12 months and among those nurses who were already working in another occupation. It was also common among those who planned to continue their education.

An illustration of Housing/Cost of Living is: "Cost of living is escalating – salaries are not." This theme included comments on the cost of living or specific issues with housing. Slightly more than 10% (10.9%) of responding nurses commented on either the cost of living or the housing situation

in their community. This constituted 68 comments (4.0%).

The Day Care theme can be illustrated by: "The day care situation in my community is absolutely unacceptable and very few have openings. The ones that have an opening are way too expensive and are closed throughout the year on days that my spouse and I have to work! This situation is impossible!" The theme included all references to child care, regardless of content. Day Care was commented on 22 times (1.3%) by 3.4% of commenting nurses. As expected, the issue was mentioned more frequently by younger nurses, probably because younger nurses were more likely to have children who need day care services.

Professional Development: There were 28 comments in only one category (Continuing Education/Advancement) that could be described by the Professional Development factor. An example is: "Would like to see more continuing education in the nursing field offered at our work facility." The factor encompassed 1.6% of comments and was mentioned by 5.1% of commenting nurses. Despite the fact that the factor was a significant predictor of intent to leave in the regression model, the concept appeared fairly unimportant to those nurses who chose to comment. However, because we cannot know, with confidence, whether the comments represented the issues of greatest importance to all nurses or just an unrepresentative sample, we can only recommend that this issue receive further investigation. In-depth interviews or focus groups may be required in this case.

Although the category combined the concepts of continuing education and advancement opportunities, the majority of the comments were focused on advancement ("There are few opportunities for advancement in my facility,") rather than continuing education ("Our continuing education department is poor."). This is contrary to the factor analysis in which continuing education loaded more strongly on the factor than opportunity for advancement. Again, because the results of the content analysis vary somewhat from the modeled findings, further investigation may be warranted.

Interpersonal: There were 672 comments covering 12 categories that could be described by the Interpersonal factor. The categories are: Management, Respect, Autonomy, Abuse, Physician Interaction, Unlicensed Staff, Overtime, Shifts/Flexibility, Patient Safety, Nurse Safety, Patient Ratio, and Quality of Patient Care. Taken together, the 12 comment groups encompassed 39.6% of comments (672) and were mentioned by 60.2% of commenting nurses. Occupational staffing patterns can be found in Chapter 2 (see page 75). As can be seen from these tables, management occupations are over-represented in Wyoming in comparison to surrounding rural states and the nation.

An example of Management is: "I wish the lower nurses were respected by upper nursing management/administration, but I feel treated like dirt." All comments that included mention of managers, management, supervisors, etc., were included in this theme. It did not include comments written specifically about corporate policy, however. The Management category was the focus of 148 comments (8.7%) by 23.8% of nurses. It was the second most common theme among all nurses who wrote a comment.

The Respect theme is exemplified by: "I

believe I am underpaid, undervalued, and not respected as a nurse." Typically the word "respect" appeared in the comments found in this group. The category received 111 comments (6.5%) from 17.5% of commenting nurses.

An example of Autonomy is: "We need to bring nursing in Wyoming up to standards higher than all other states. More autonomy. Retention. Opportunity for advanced skills." This comment was fairly rare in that it was only mentioned five times (0.3%), by 1.0% of commenting nurses.

The Abuse theme is illustrated by: "I would really like to know when it became legal for patients, admin, managers, and other staff to abuse nurses both verbally and physically." Abuse was mentioned very infrequently (only four times (0.2%) by 0.8% of nurses).

An example of Physician Interaction is: "There also seems to be a growing disrespect in general from physicians for the work we do." This theme included all comments that referenced physicians in the context of their working relationship with the nurse. Comments about physician shortages were included in the Community theme. The Physician Interaction category was the focus of 23 comments (1.4%) by 4.0% of commenting nurses.

An illustration of Unlicensed Staff is: "I'm most disappointed when I see nursing duties assigned to other staff who are not trained in a school setting but have been told how to do it at the work place." This comment was fairly rare in that it was only mentioned nine times (0.5%) total, by 1.7% of commenting nurses.

An example of Overtime is: "There is

too much forced overtime/call, and I am forced to float on a weekly basis. I feel I was lied to when I interviewed at this hospital." Comments were included in this category if they specifically mentioned overtime (forced or voluntary). The Overtime category was the focus of 38 comments (2.2%) by 6.1% of nurses.

The Shifts/Flexibility theme is illustrated by, "I do not like mandated 12 hour shifts – too long – dangerous." The theme also included issues about shift flexibility such as: "I wish my facility was willing to be more flexible in my scheduling." This category was mentioned 76 times (4.5%), by 12.2% of commenting nurses.

An instance of Patient Safety is: "The nurses in my hospital are being overworked drastically and it is impairing patient care. We are hiring traveling RNs that don't have the best practices because we are so short handed and they are putting patient lives at stake. This makes me rethink my job daily." This category included all references to patient safety, either explicit or implied. There were 42 comments (2.5%) by 7.0% of commenting nurses who chose to mention this category.

An example of Nurse Safety is: "Injured back more than 1 time." Contrary to patient safety issues, there were only 16 comments (0.9%) by 2.7% of commenting nurses who opted to discuss nurse safety issues.

The Patient Ratio theme is exemplified by: "Nurses in long-term care take care of too many people at one time to give thorough adequate care." All comments referencing the number of patients in a nurse's care were included in this category. This was one of the more popular topics of discussion with 121 comments (7.1%) from 18.7% of commenting nurses and frequently

occurred with mention of patient care quality.

An example of Quality of Patient Care is: "I enjoy the WORK at this facility. In this lifetime I hope to never be a caregiver or a patient in this facility. The care is abysmal." Comments about patient care quality were included in this category regardless of whether the care was considered good or bad. There were 79 comments (4.6%) about the quality of patient care from 13.7% of commenting nurses.

Themes in the Comments Not Found in the Model

The following items were not found by the quantitative model to be significant predictors of a nurse's stated intent to leave his or her current employer. However, because of common mention in the content section, they appear to be important to the quality of work life and should not be disregarded. Inclusion in future projects is certainly warranted.

Non-Nursing Tasks: One of the identified factors in the factor analysis that did not prove to be a reliable predictor in the model (see Factor Analysis section, page 22) was Non-Nursing Tasks. Concern over the number

and types of non-nursing tasks may be a function of the lower proportion of office and administrative support occupations in Wyoming hospitals. As can be seen in Table 14, page 86, only 12.5% of the staff in Wyoming hospitals are classified as office and administrative support workers, while the proportion of support staff nationally

While not

important as

a predictor of

exit behavior,

[non-nursing

tasks] were

mentioned

by nurses

comment.

who chose to

fairly frequently

is 15.2%. While not important as a predictor of exit behavior, the factor was mentioned fairly frequently by nurses who chose to comment. There were 115 comments covering two categories

- Workload and Paperwork - that could be described by the factor. Taken together, the two comment groups encompassed 6.8% of comments and were mentioned by 17.3% of commenting nurses.

An example of workload is, "Nurses in our facility doing too much ancillary

work - POCT testing, drawing blood, EKGs. Just what are lab personnel for?" The category included any reference to the amount of work required. There were 63 comments (3.7%) about Workload from 10.9% of commenting nurses.

An example of Paperwork is: "I have been a practicing RN for 44 years. I have

> always loved nursing but find the paperwork limits greatly the time spent caring for patients." to paperwork or charting (even electronic) were included in There were 52 (3.1%) comments

All references this category. about

paperwork from 8.6% of commenting nurses. Paperwork was also one of the scaled items that received the largest number of "Dissatisfied" and "Very Dissatisfied" ratings

Corporate Issues: While this issue was not included in any of the satisfaction measures and therefore

not included in the factor analysis, it was mentioned 81 times (4.8%) by 13.3% of commenting nurses. An example is: "I am very dissatisfied that what is best for the patient is never the bottom line, the pay source is." And "I've been a family member and now an employee – staffing ratios are woefully inadequate. Companies are going to do

the least they are legislated to do and no more and nursing home residents pay in more ways than financially. Orphanages were considered inhumane – it's so frustrating to care and want to help and have your hands tied by what you HAVE to do, to what you should do for another human being who, for the majority, was a productive member of society."

Quality of New Nurses:

Again, this issue was not included in the satisfaction measures but was frequently mentioned in the comments. A total of 13.3% of commenting nurses made 83 references (4.9%) to the quality of new nurses. An example is: "I am very tired of teaching RNs how to do their jobs because they are not taught in college."

Why Age Is important

by: Dr. Mark A. Harris, Sociologist, and Sylvia D. Jones, Senior Research Analyst

Age is likely correlated with job relocation, career advancement (for a nurse or nurse's spouse), childbirth, the number and spacing of school-age children, divorce, achieving an empty nest, retirement planning, and the level of physical stamina (including the result of injuries) to name just a few. These factors likely influence the ability of nurses to work in any given health care setting as they move through various life cycle events.

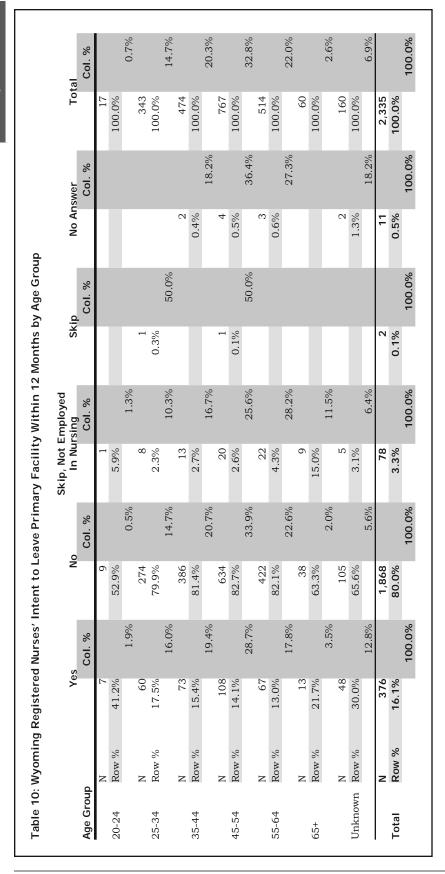
To illustrate, given variation in schedule requirements across health care subsectors, age may play a role as nurses begin having children and when shift work and overtime frequently required in hospitals become problematic. Likewise, achieving an empty nest and the desire to increase income for retirement purposes may make overtime attractive and encourage moving back into a hospital setting.

It would appear from the stocks and flows analysis presented in this document (see Chapter 2, Figure 12, page 93) that a fairly substantial amount of movement occurs within Wyoming's health care subsectors and that nurses are apparently taking advantage of the various pros and cons inherent in any given subsector.

Given the importance of age, we have tried to account for it and display results broken down by age at various points in the analysis.

Age by Intent to Leave Primary Employer in the Next 12 Months

Overall, 80.0% (1,868) of responding nurses indicated that they did not plan to leave their current employer within the ensuing 12 months (see Table 10, page 38). Another 376 (16.1%) indicated they did plan to leave. The largest percentage (41.2%) of those who planned to leave was found among the youngest group (age 20-24). This group was by far the smallest group, so the results should be interpreted with caution. However, considering the migration patterns of the youth in the state and elsewhere, one would expect the youngest group to be likely to exit their employer. Following the 20-24



group was the retirement age group (65+) with 21.7% planning to exit. Again, this finding is of no surprise. As nurses move into traditional retirement ages, there is an expectation that they will retire from their primary job. Some might continue working part-time or in a different capacity, but one would expect them to eventually retire from full-time employment. The smallest percentage of planned exiters (13.0%) was in the 55-64 age. This age group is often less mobile than other groups, likely because they are approaching traditional retirement age.

Age by Primary Reason for Leaving Primary Employer Within 12 Months

Overall: Table 11 (see page 39) shows a plurality (39.0%) of nurses who responded that they intended to leave their current employer within 12 months also indicated that they planned to "Take Another Job in Health Care." This suggests simple job-changing behavior and potential dissatisfaction with the employer or factors associated with the employer rather than a generalized dissatisfaction with nursing or the community. While a job change represents a loss to the employer, it does not represent a loss of nursing resources to the state as a whole. Similarly, few nurses (3.2%) indicated intent to leave the current employer to take a job outside of health care. Many

nurses appeared to want to remain in the occupation. However, 23.4% of responding nurses who planned to leave their employer indicated intent to relocate. While we do not know if the nurses planned to relocate to another community in Wyoming or to another state, we can ascertain that the loss will affect the current community much more so than simple job changing.

Age 20-24: The largest percentage (42.9%) chose "Relocating" as their reason for leaving their primary employer. The group was quite small and the largest category represented only three responses so the results are unlikely to be representative of the population. Regardless, it is not surprising to have findings suggesting that young nurses plan to relocate, especially considering the percentage of youth who choose to leave Wyoming.

Age 25-34: By far the largest percentage (46.7%) of this age group selected "Taking Another Job in Health Care" as the reason for planning

		Taking Another Job in Health Care	<u> </u>	Taking Another Job Outside Health Care	 Family Status Change	nily Status Change	Relocating	ating	Continuing Education	uing	Reti	Retiring	Other	ler	Total	a a
Age group		% Ioo	%	% loo		% loo		% Ioo		% loo		% loo		% loo		% loo
	z				1		С		7				1		7	
20-24	Row%				14.3%		42.9%		28.6%				14.3%		100.0%	
						2.9%		3.4%		11.1%				1.9%		1.9%
	N	28			7		14		9				2		09	
25-34	Row%	46.7%			11.7%		23.3%		10.0%				8.3%		100.0%	
		19.3%	3%			41.2%		16.1%		33.3%				9.6%		16.1%
	Z	29		9	2		22		2				13		74	
35-44	Row%	39.2%	∞.	8.1%	2.7%		29.7%		2.7%				17.6%		100.0%	
		20.0%	%0	20.0%		11.8%		25.3%		11.1%				25.0%		19.9%
	Z	55		2	2		20		4		3		18		104	
45-54	Row%	52.9%	1.1	1.9%	1.9%		19.2%		3.8%		2.9%		17.3%		100.0%	
		37.	37.9%	16.7%		11.8%		23.0%		22.2%		7.3%		34.6%		28.0%
	Z	13		4	1		13		4		24		8		29	
55-64	Row%	19.4%	9.	%0.9	1.5%		19.4%		%0.9		35.8%		11.9%		100.0%	
		.6	%0.6	33.3%		2.9%		14.9%		22.2%		58.5%		15.4%		18.0%
	N										12				12	
e5+	Row%										100.0%				100.0%	
												29.3%				3.2%
	Z	20			4		15				2		7		48	
Unknown	Row%	41.7%			8.3%		31.3%				4.2%		14.6%		100.0%	
		13.8%	8%			23.5%		17.2%				4.9%		13.5%		12.9%
	Z	145		12	17		87		18		41		52		372	
Total	Row%	39.0%	3.	3.2%	4.6%		23.4%		4.8%		11.0%		14.0%		100.0%	
		100 0%	٠٥٠	700 001		100,000		100 001		100 001		700		700 007		

to leave their primary employer. "Relocating" followed with 23.3% of the total. This group was understandably the most likely to leave in order to pursue additional education or for family status changes.

Age: 35-44: This group was very similar to the group as a whole because the largest reason for planned exit was "Taking Another Job in Health Care" (39.2%) followed by "Relocating" (29.7%). In fact, this group was the most likely of the age groups to relocate. The group was also the most likely to exit employment in order to take a job outside health care. In other words, this group represents the largest potential loss to the state because they are the most likely to exit the nursing profession in Wyoming.

Age 45-54: In addition to being similar to the younger groups who chose "Taking Another Job in Health Care" and "Relocating" as the most common reasons for leaving employment, the age 45-54 group was also the most likely to leave their current job for "other" reasons. As will be explored in the Content Analysis section, selecting "Other" was associated with very emotional responses such

as "I hate this place and will leave as soon as I can" rather than an actual plan to leave employment.

Age 55-64: This group selected "Retiring" (35.8%) as the primary reason for planning to leave their primary employer. "Taking Another Job in Health Care" and "Relocating" followed, each with 19.4% of the total.

Age 65+: Every nurse in this category who indicated intent to leave the primary employer also indicated "Retiring" as the reason.

Arguably the most informative finding in the study of why nurses plan to leave their current employer is that most nurses, regardless of age, do not plan to leave health care. They may be unhappy with their current position or with their employer for any number of reasons; however, they are not necessarily unhappy with the profession of nursing. Unfortunately, the study also revealed that a substantial portion of those planning to leave are planning to relocate. Overall, the percentage of those planning to relocate is fairly small (3.7% of total responding nurses), but in the time of an accelerated nursing shortage, that percentage could be significant.

Age and Nativity

by: Tom Gallagher, Manager

ge is important because it is associated with a range of predictable behaviors in the labor market. However, in Wyoming the explanatory nature of this variable is complicated by nativity. The majority of nurses working in hospitals, nursing & residential care, and ambulatory care, having moved to Wyoming, are nonnatives. These nurses are older than native nurses and consequently are closer to retirement age and withdrawal from the health care market. Moreover, nativity may be associated with other variables such as work experience in a larger, more complex work environment and educational level. New and re-entrants tend to be younger, native-born nurses.

There is some indication that a culture of nonacceptance by native nurse co-workers may counter employer retention strategies. Further, as we see in analysis in Combining the Elements (see page 51), exiting the health care workplace is strongly associated with nurses

exiting the labor market in the state altogether. "(I)f an RN leaves health care, there is a 67.8% chance that RN will exit Wyoming's market entirely." Future analysis of the relationship between the INTERPERSONAL factor described previously (see Factor Analysis, page 20) and discussed in comments (see Comments on Modeled Concepts, page 31) against the propensity to exit the workplace in the near term and subsequently leave the market should be conducted for these two segments of nurses over a period of time. Collection of data over time is needed to allow enough incidents to accumulate for statistical analysis, and to determine whether different rates of exit are persistent.

Model results (see Table 6, page 24) indicate respondents' age was a statistically significant predictor of stated intent to leave their place of work in the following year. The younger the nurse, the greater the likelihood that an intent to leave was indicated on the questionnaire. The purpose of the model was to account for nonretirementbased stated intentions to leave their employer and excluded nurses at or near traditional retirement age.

The age variable was

KEY POINT

 Using a Factorial Logistic Regression model, we were able to test whether anticipated exit behavior could be predicted by where the nurse went to high school or for what reason the nurse was living in his or her current community. We found no significant predictive relationship between the variables. However, the relationship observed between a respondent's age and social security number state of origin was statistically significant.

obtained from Board of Nursing files. Nativity was measured with question 55: "Where did you last attend high school?"

Those responding "Wyoming" were treated in the analysis as Wyoming natives. Subsequent analysis of responses to question 55 by state of social security number (SSN) origin revealed that 87% of those responding to question 55 that they went to high school in Wyoming had an SSN issued in Wyoming. In addition, 96% of those responding that they went to high school elsewhere had an SSN issued in a state other than Wyoming. These results suggest that the response to question 55 is a very good indication of place of birth and that SSN can

be used in future analysis of administrative records to determine where the supply of nurses in Wyoming comes from.

Table 12 (see page 42) illustrates that the age distributions of RNs having attended high school inside and outside Wyoming, are somewhat different. We can formalize these distributions as being different by performing a chi square statistical test.¹

Table 13 (see page 43) displays the chi square test results. Table 13 shows that the relationship between

The chi square tells us whether we can predict the value of a variable by knowing the value of another variable. In this case, we tested whether we could predict the value of RN age if we knew where an RN attended high school (or vice versa).

RN age and where an RN attended high school is statistically significant. Other displayed statistics describe the strength of relationship between RN age and high school location.

In Table 13, Cramer's V indicates the correlation between RN age and location of high school attended is 0.39 – a positive, moderate, and statistically significant result.

Table 12: Age Distribution of Registered Nurses by Age Group and High School Location

		\\//	DN Isst st			
				tended high		
		Wyo	ming	Out of		
Statistic	Age Group		Column %		Column %	Total
Frequency		15		2		17
Expected		7.1		9.9		
Cell Chi-Square	16-19	8.9		6.3		
Row %		88.2		11.8		100.0
			1.5		0.2	
Frequency		243		99		342
Expected		142.0		200.0		
Cell Chi-Square	20-24	71.8		51.0		
Row %		71.1		29.0		100.0 ^a
			24.9		7.2	
Frequency		288		186		474
Expected		196.9		277.1		
Cell Chi-Square	25-34	42.2		30.0		
Row %		60.8		39.2		100.0
			29.5		13.5	
Frequency		248		515		763
Expected		316.9		446.1		
Cell Chi-Square	35-44	15.0		10.6		
Row %		32.5		67.5		100.0
			25.4		37.5	
Frequency		157		354		511
Expected		212.2		298.8		
Cell Chi-Square	45-54	14.4		10.2		
Row %		30.7		69.3		100.0
			16.1		25.8	
Frequency		14		49		63
Expected		26.2		36.8		
Cell Chi-Square	55-64	5.7		4.0		
Row %		22.2		77.8		100.0
			1.4		3.6	
Frequency		11		169		180
Expected		74.8		105.2		
Cell Chi-Square	65+	54.4		38.6		
Row %		6.1		93.9		100.0
			1.1		12.3	
Total		976	100.0	1,374	100.0	2,350

The results of Tables 12 and 13 may suggest policy implications for health care organizations. Table 12 shows that RNs who graduated from Wyoming high schools tended to be younger than those who graduated from out of state high schools. If organizations wish to retain more RNs, intervention programs designed to better integrate RNs and their families into their respective communities may be required. However, any such interventions must occur early enough in the careers of RNs to affect their decision to remain in Wyoming over the longer term. Community or statewide coordination with health care providers may be needed to slow the rate at which RNs exit the state.

Meeting with Nurse Advisory Committee, May 19, 2008, Casper, WY

Given the importance of nonnative nurses in Wyoming's health care delivery system, R&P shared Table 12 with six nurses as part of a meeting on May 19, 2008, with the Nurse Advisory Committee that assists in guiding this study. The following discussion reflects comments made at an earlier committee meeting

Table 13: Statistical Tests of Frequency Distribution

Statistic	Degrees of Freedom	Value	Probability
Chi-Square	6	363.04	<.0001
Likelihood Ratio Chi-Square	6	388.92	<.0001
Mantel-Haenszel Chi-Square	1	324.79	<.0001
Phi Coefficient		0.39	
Contingency Coefficient		0.37	
Cramer's V		0.39	

and suggests that nonnative nurses may not be welcomed in facilities by native Wyoming nurses:

Researcher: "Now remember ... the pie charts showing what proportion of nurses came from out of state ... Part of the subtext of what we're telling you is this state is dependent upon other states for the supply of labor in general – and in nurses in particular - and nurses for hospitals. So if we have a situation as we do now where we're bringing in people from out of state, we're bringing families in, in many cases. Among some of those families are nurses. And that's where we're getting a considerable amount of our supply. So if we want to think about a retention strategy, we've got to think about whether or not those people who come from outside have some sort of different characteristic that you would want to be cognizant of as you develop your retention strategy. They may be no different from people who are

graduating from here. But this would be something that would be distinctly different, that you wouldn't find in the literature necessarily.

Nurse 1: I think you would: insider, outsider. ... And people who at least have called my office, maybe somebody from California coming into Wyoming, they've been treated terrible by the nurses here, and they are going into real estate. And it's been more than one call just in the short time that I could ...

Researcher: By their peers? All Nurses: Oh yes.

Nurse 1: By their peers – you have the Casper nurse who's grown up here, and you have the outsider Californian coming in.

Nurse 2: By nature of our rurality and the fact that they haven't left, there is a kind of a – I don't want to say a xenophobia – but they're very much believing this is the world as it exists. Well, as people come from California or Wisconsin – or all our transplants in the military, they come to Cheyenne – and they're like, "You guys, there's another way to do things." And you've got your insiders saying, "We don't want to hear it."

Researcher: When you look at decennial data, at the proportion of people who live here who are not born here, it's almost as high as it is in Nevada or Florida. It's a very, very high proportion of the people who are here who are not born here. And I'd be one of them. So that is something that is unique – not that it exists, but

the extent to which it exists. So maybe part of the retention issue is teaching the nurses to be nice.

Nurse 3: You're not far from being wrong.

Researcher: As an employer, I'm not going to do that.

Nurse 3: I'll tell you what, I tell nurses all over this state, just irritates the bejeebers out of me, that we can take care of our patients and the families and all the stuff that goes on, and we're wonderful, wonderful care providers, but we are just crap to each other. And they just ... it is ... and why, why we do that ... and I have to tell you that the addition of travelers has not helped us one darn bit, because you want to talk about - you get even someone who's on staff from California to one of our Wyoming hospitals - well, you bring a traveler into your hospital and vou just get this horrible morale and horrible attitude amongst the nurses because everybody knows ... if you're a traveler, number one you're being paid more than me - way, way more, almost double - and you're working right next to me and you get to pick your own shifts. And you know what? In six weeks you get to pick up your stuff and move on, and I have to stay here and put up with this stuff. And so ... having travelers in our buildings, as much as we need them ... but just by the nature of the fact that they're getting these extra perks just ticks us off. And so we automatically get mad at them and treat them like crap."

Summary

It is unclear whether being from outside is as important as other traits such as urban experience, prior work in a larger facility, educational attainment, or some other factors. However, what seems apparent, here as well as elsewhere in this report, is the fact that nurses are not a homogenous set of incumbents in an occupation central to the health care delivery system. Diversity probably needs to be recognized in retention strategies. Put another way, common retention strategies may produce different results for natives and nonnatives in conjunction with different family requirements associated with age.

Finally, at mid-decade almost all new workers in Wyoming came from other states or were natives of Wyoming returning to the state (Jones, 2008). Industries driving the in-migration of workers are higher-wage and dominated by males (mining, construction, wholesale trade). As the families of these workers migrate to the state, spouses who are nurses come to represent a key share of the overall supply of nurses in the state. Whether and in what context they choose to work may well depend upon the reception they receive from native and established nurses at those work sites.

References

Jones, S.D., (2008, June) Cashing out? Labor market withdrawal by Wyoming workers age 45 and older. *Wyoming Labor Force Trends 45*(6). Retrieved June 26, 2008, from http://doe.state.wy.us/LMI/0608/a1.htm

Analysis of Comments by Age

by: Sylvia D. Jones, Senior Research Analyst

The age distribution of those nurses who commented was similar to the distribution of those who responded to the survey (see Table 14). The largest group was the 45- to 54-year-olds (34.6%) followed by the 55- to 64-year-olds (24.2%). Those age 65 and older comprised the smallest percentage (3.2%).

Similar to the overall distribution of comments, Wages appeared as the most frequently mentioned topic among all age groups except the age 65 and older group (see Table 15, page 46). Overall, 11.7% of those who commented mentioned Wages while 14.0% of those age 35-44 mentioned it.

Management appeared as the second most frequently referenced topic overall, as well as among each age group, again, with the exception of the 65+ group. Management was mentioned 8.7% of the time among everyone who commented. The largest percentage was found within the age 35-44-group (9.4%). For those in the youngest group (20-34), Management was tied for second place with comments about Respect

and Fair Treatment at 8.5%.

Patient Ratio and Understaffing was frequently mentioned by the three younger groups (20-34, 35-44, and 45-54) such that the theme was the third most common. However, it appeared much less frequently among the older groups as their focus was on other issues. Specifically, the 55-64 group wrote about the quality of new nurses.

The oldest group (65+) was dissimilar to the other groups in that the most commented theme was Family rather than wages. Because this group is likely to be focused more on retirement than the other groups, concern with family seems logical. While Wages was a common theme, it appeared in second place rather than first. Community themes rounded out the top

three. The trends within this group are certainly interesting, but considering the small number of respondents, few definitive conclusions are possible.

Most of the themes had age distributions similar to that of commenters in general (the age 45-54 group made up the largest percentage). However, there were exceptions. Notably, the youngest age group mentioned Daycare far more frequently than any other group. Commuting was dominated by both the age 45-54 and 55-64 groups. Pay Compression was more of an issue for the 55-64 group than the other groups, as was Forced Float to other departments, the Quality of New Nurses, Paperwork, and Lawsuit Threats. Issues with physician interaction were mentioned by the age

Table 14: Age Distribution of Total Responding Nurses and Those Who Wrote Comments

	Nurses Who	Commented	Nurses Who	Responded
Age Group	Frequency	Percentage	Frequency	Percentage
20-34	79	14.2%	366	15.2%
35-44	99	17.7%	484	20.1%
45-54	193	34.6%	781	32.4%
55-64	135	24.2%	528	21.9%
65+	18	3.2%	65	2.7%
Unknown	34	6.1%	183	7.6%
Total	558	100.0%	2,407	100.0%

20-34, 35-44, and 55-64 groups equally. The 35- to 44-year-old group was most concerned with Unlicensed Staff. The group also shared the highest percentage

of concern with Patient Safety with the 45to 54-year-old group.

Comment Theme		20-34	35-44	45-54	55-64	65+	Unknown	Total
	N	1	2	7	6			16
Нарру	Row%	6.3%	12.5%	43.8%	37.5%			100.0%
	Col%	0.4%	0.7%	1.2%	1.5%			0.9%
	N	18	23	35	29	3	7	115
Community	Row%	15.7%	20.0%	30.4%	25.2%	2.6%	6.1%	100.0%
-	Col%	7.7%	7.5%	5.9%	7.1%	7.0%	6.3%	6.8%
	N	14	15	19	15	7	4	74
Family	Row%	18.9%	20.3%	25.7%	20.3%	9.5%	5.4%	100.0%
	Col%	6.0%	4.9%	3.2%	3.7%	16.3%	3.6%	4.4%
	N	16	8	19	14	1	10	68
Housing/Cost of Living	Row%	23.5%	11.8%	27.9%	20.6%	1.5%	14.7%	100.0%
	Col%	7.1%	2.6%	3.2%	3.4%	2.3%	8.9%	4.0%
	N	10	4	5	2		1	22
Daycare	Row%	45.5%	18.2%	22.7%	9.1%		4.5%	100.0%
	Col%	4.4%	1.3%	0.8%	0.5%		0.9%	1.3%
	N	2	7	10	10		3	32
Commuting	Row%	6.3%	21.9%	31.3%	31.3%		9.4%	100.0%
	Col%	0.9%	2.3%	1.7%	2.5%		2.7%	1.9%
	N	13	10	29	21	2	6	81
Corporate Issues	Row%	16.0%	12.3%	35.8%	25.9%	2.5%	7.4%	100.0%
	Col%	5.8%	3.3%	4.9%	5.1%	4.7%	5.4%	4.8%
	N	20	29	52	36	1	10	148
Management	Row%	13.5%	19.6%	35.1%	24.3%	0.7%	6.8%	100.0%
	Col%	8.5%	9.4%	8.8%	8.8%	2.3%	8.9%	8.7%
	N	32	43	62	42	6	13	198
Wages	Row%	16.2%	21.7%	31.3%	21.2%	3.0%	6.6%	100.0%
	Col%	13.6%	14.0%	10.5%	10.3%	14.0%	11.6%	11.7%
No Pay Increase for Tenure/	N	1	2	4	6			13
Pay Compression	Row%	7.7%	15.4%	30.8%	46.2%			100.0%
- •	Col%	0.4%	0.7%	0.7%	1.5%			0.8%

Table continued from page 46

Table 15: Theme of Comment by Age of Respondent

Comment Theme		20-34	35-44	45-54	55-64	6 5+	Unknown	Total
	N	14	5	23	12	2	1	57
Benefits	Row%	24.6%	8.8%	40.4%	21.1%	3.5%	1.8%	100.0%
	Col%	6.2%	1.6%	3.9%	2.9%	4.7%	0.9%	3.4%
	N	20	18	43	19	2	8	110
Respect/Fair Treatment/ /alue/Support/								
Appreciation	Row%	18.2%	16.4%	39.1%	17.3%	1.8%	7.3%	100.0%
	Col%	8.5%	5.9%	7.3%	4.7%	4.7%	7.1%	6.5%
	N		•	4	1	•	•	5
Autonomy	Row%		•	80.0%	20.0%	•	•	100.0%
	Col%		•	0.7%	0.2%	•	•	0.3%
	N		•	2	2	•	•	4
Abuse	Row%		•	50.0%	50.0%	•	•	100.0%
	Col%		•	0.3%	0.5%	•	•	0.2%
	N	5	5	4	5	2	2	23
Physician Interaction	Row%	21.7%	21.7%	17.4%	21.7%	8.7%	8.7%	100.0%
	Col%	2.2%	1.6%	0.7%	1.2%	4.7%	1.8%	1.4%
Jnlicensed Staff/	N	1	3	1	2	1	1	9
Jnknowledgeable	Row%	11.1%	33.3%	11.1%	22.2%	11.1%	11.1%	100.0%
	Col%	0.4%	1.0%	0.2%	0.5%	2.3%	0.9%	0.5%
	N	2	11	16	4	1	4	38
Overtime	Row%	5.3%	28.9%	42.1%	10.5%	2.6%	10.5%	100.0%
	Col%	0.9%	3.6%	2.7%	1.0%	2.3%	3.6%	2.2%
	N	8	10	33	17	1	6	75
Shifts/Flexibility	Row%	10.7%	13.3%	44.0%	22.7%	1.3%	8.0%	100.0%
	Col%	3.6%	3.3%	5.6%	4.2%	2.3%	5.4%	4.4%
	N	5	12	26	16	1	3	63
Workload/Ancillary Load	Row%	7.9%	19.0%	41.3%	25.4%	1.6%	4.8%	100.0%
	Col%	2.2%	3.9%	4.4%	3.9%	2.3%	2.7%	3.7%
	N		3	13	12	1	4	33
Physical Demands/ Long Hours/Hard Work	Row%		9.1%	39.4%	36.4%	3.0%	12.1%	100.0%
Long Hours/Hard Work	Col%		1.0%	2.2%	2.9%	2.3%	3.6%	1.9%
	N	5	5	14	9	2	1	36
Stress	Row%	13.9%	13.9%	38.9%	25.0%	5.6%	2.8%	100.0%
	Col%	2.2%	1.6%	2.4%	2.2%	4.7%	0.9%	2.1%
Forced Float/Call for Other	N		3	3	4		1	11
Departments	Row%		27.3%	27.3%	36.4%	•	9.1%	100.0%
·	Col%		1.0%	0.5%	1.0%	·	0.9%	ed on page

Table continued from page 47

Table 15: Theme of Comment by Age of Respondent

Comment Theme		20-34	35-44	45-54	55-64	ę ₂₊	Unknown	Total
	N	3	12	12	10	1	3	41
Patient Safety	Row%	7.3%	29.3%	29.3%	24.4%	2.4%	7.3%	100.0%
Tationic Galoty	Col%	1.3%	3.9%	2.0%	2.5%	2.3%	2.7%	2.4%
	N	1.070	2	11	2.070	2.070	1	16
Nurse Safety	Row%		12.5%	68.8%	12.5%	•	6.3%	100.0%
	Col%		0.7%	1.9%	0.5%		0.9%	0.9%
	N	7	13	28	30	2	2	82
Quality of New Nurses	Row%	8.5%	15.9%	34.1%	36.6%	2.4%	2.4%	100.0%
	Col%	3.1%	4.2%	4.8%	7.4%	4.7%	1.8%	4.8%
	N	2	11	18	20	,	1	52
Paperwork/Charting	Row%	3.8%	21.2%	34.6%	38.5%		1.9%	100.0%
p-:	Col%	0.9%	3.6%	3.1%	4.9%		0.9%	3.1%
	N	4		4	5	1	2	16
Lawsuit Threats	Row%	25.0%		25.0%	31.3%	6.3%	12.5%	100.0%
	Col%	1.8%		0.7%	1.2%	2.3%	1.8%	0.9%
	N	3	2	8	3	1	2	19
Burned Out	Row%	15.8%	10.5%	42.1%	15.8%	5.3%	10.5%	100.0%
	Col%	1.3%	0.7%	1.4%	0.7%	2.3%	1.8%	1.1%
	N	17	25	44	26	1	8	121
Patient Ratio/Understaffing	Row%	14.0%	20.7%	36.4%	21.5%	0.8%	6.6%	100.0%
3	Col%	7.6%	8.1%	7.5%	6.4%	2.3%	7.1%	7.1%
	N	5	4	11	6	1	1	28
Continuing Education/	Row%	17.9%	14.3%	39.3%	21.4%	3.6%	3.6%	100.0%
Advancement	Col%	2.1%	1.3%	1.9%	1.5%	2.3%	0.9%	1.7%
	N	1	2	3	2	1	1	9
Politics	Row%		22.2%	33.3%	22.2%	11.1%	11.1%	100.0%
	Col%		0.7%	0.5%	0.5%	2.3%	0.9%	0.5%
	N	7	18	26	20	2	6	79
Quality of Patient Care	Row%	8.9%	22.8%	32.9%	25.3%	2.5%	7.6%	100.0%
3	Col%	3.1%	5.9%	4.4%	4.9%	4.7%	5.4%	4.7%
	N	235	307	589	408	43	112	1,694
Total	Row%	13.9%	18.1%	34.8%	24.1%	2.5%	6.6%	100.0%
	Col%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Labor Flow Components

by: Doug Leonard, Senior Economist

Introduction

This section of the report describes the similarities and differences between different types of labor flow components. Specifically, we focus on Registered Nurse (RN) entries and exits related to groups of industries or Wyoming's labor market. Doing so allows us to construct a balance sheet as an indicator of the ability (or lack thereof) of health care facilities to retain RNs.

Market-Level Exits

The first component analyzed is market-level exits (see Tables 16 and 17, page 50). For those identified as being in health care, this indicates the industry or group of industries that paid RNs the most wages in a quarter. Table 16 (Health Care) displays the number of RNs exiting health care for at least one quarter by date and age group. The row in each table displays the average number of quarterly exits by age group. We repeat the same analysis for all other industries excluding health care in Table 17.

Table 16 shows that RNs age 45-54 on average exit in the greatest numbers (44.3 per quarter). The average number of exits for RNs younger than 35 and those between 35 and 44 was greater than 30 per quarter but less than the 45-54 year old group. Total RN exits from health care averaged 146.2 per quarter.

Labor Market Permanent Exits

The next type of exit behavior described is permanent exits from the labor market Table 18 (see page 51). We define *permanent exits* as when an RN did not work in

KEY POINT

 Permanent exits for RNs age 45-54 are the highest (26.1 per quarter), followed by RNs less than 35 years of age (24.8 per quarter) and RNs between 35 and 44 years of age (23.6 per quarter). Total RN permanent exits averaged 103.6 per quarter from 2000 through 2005.

Wyoming for at least four consecutive quarters. The last quarter the RN worked prior to the extended absence is the quarter in which the permanent exit is logged.

The number of permanent labor market exits shown in the table is less than the amount shown in the previous tables. This is because permanent statewide exits are a subset of those leaving an industry for at least one quarter. The pattern of average exits per quarter is similar to that shown before. Permanent exits for RNs age 45-54 are the highest (26.1 per quarter), followed by RNs less than 35 years of age (24.8 per quarter), and RNs between 35 and 44 years of age (23.6 per quarter). Total RN permanent exits averaged 103.6 per quarter from 2000 through 2005.

New and Re-Entrant RNs

The last two components analyzed are new entrants and re-entrants (see Tables 19 and 20, page 52). We define a *new entrant* as an RN who did not work in health care prior to the base quarter or had not worked in health care for at least four years prior to the base quarter. We define a *re-entrant* as an RN who left health care for less than

four years. The results are organized by the type of entrant (new or "re") and by industry (see Tables 19-22, pages 52-53). For the purposes of this analysis, we focus only on the health care industry entrants.

Table 19 shows that workers less than 35 years old compose the single largest component of new entrants. This is most likely because new nurses (graduates) are generally in this age group. The average number of new entrants declines rapidly as age increases; from a high of 27.6 per quarter (35 and younger) to a low of 0.5 per

quarter (65+). The average number of RN new entrants was 79.0 per quarter.

Table 20 displays the re-entrant nurses for the same time span. The quarterly average of 81 re-entrant RNs is nearly the same as the new entrant average. Re-entrant is somewhat different from new entrants in that the quarterly average is greatest for the 45-54 year old age group. This may be due to younger nurses not having enough experience to leave and then return to health care. It also could be due to RNs whose children have left home which allows them to re-enter the workforce.

Table 16: Market-Level Exits from Health Care for Registered Nurses by Age Group, First Quarter 2000 to Fourth Quarter 2005

				Age G	roup			
Year	Quarter	<35	35-44	45-54	55-64	6 5+	Unknown	Total
	1	28	43	28	13		10	122
2000	2	37	50	42	18	2	13	162
2000	3	45	54	49	14		15	177
	4	33	43	33	13	2	9	133
	1	29	31	35	11	2	6	114
2001	2	32	64	46	10	7	10	169
2001	3	45	39	58	17	4	21	184
	4	23	35	45	18	3	15	139
	1	27	36	57	10	3	15	148
2002	2	32	44	48	13	3	10	150
2002	3	44	52	63	10	3	8	180
	4	35	62	81	24	6	6	214
	1	26	27	41	5	1	3	103
2002	2	37	32	38	16	3	4	130
2003	3	35	26	53	13	1	9	137
	4	22	19	37	21	4	5	108
	1	14	20	36	11	4	9	94
2004	2	25	27	35	17	8	8	120
2004	3	33	32	44	23	3	8	143
	4	28	36	46	30	6	6	152
	1	24	25	37	17	4	22	129
2005	2	34	22	37	16	7	20	136
2005	3	53	43	57	28	10	24	215
	4	27	35	38	27	14	19	160
Average	!	32	37	45	16	5	11	147

Table 17: Market-Level Turnover Exits from All Other Industries for Registered Nurses by Age Group, First Quarter 2000 to Fourth Quarter 2005

Age Group

			4	Age G	roup			
Year	Quarter	<35	35-44	45-54	55-64	65 +	Unknown	Total
	1	35	31	23	4	1	4	98
0000	2	43	40	33	10	3	3	132
2000	3	71	57	50	17		12	207
	4	33	31	36	13	1	5	119
	1	18	34	32	12	1	2	99
2001	2	37	40	41	14	3	7	142
2001	3	56	30	41	11	2	9	149
	4	24	36	42	12	1	3	118
	1	26	31	32	16	3	6	114
2002	2	39	48	52	13	4	3	159
2002	3	51	24	38	13	2	11	139
	4	38	49	59	21	3	2	172
	1	22	28	40	11	3	4	108
2003	2	40	36	46	12	2	6	142
2003	3	48	26	43	16	3	7	143
	4	22	31	39	10	3	9	114
	1	27	31	39	18	3	6	124
2004	2	23	34	42	17	3	8	127
2004	3	26	18	33	26	2	3	108
	4	25	43	47	13	5	16	149
	1	20	15	27	19	8	11	100
2005	2	29	22	49	14	10	8	132
2005	3	22	21	32	12	5	21	113
	4	20	28	42	15	3	20	128
Averag	^	33	33	40	14	3	8	131

Combining the Elements

Perhaps the most useful application of entry and exit data is in combining the elements graphically. Figure 5 (see page 54) displays all the aforementioned labor flow components. Note that each line represents a four-quarter moving average of actual values. Using the values in Figure 5, we can

Table 18: Labor Market Level Permanent Exits for Registered Nurses

				Age	Group			
Year	Quarter	<35	35-44	45-54	55-64	65+	Unknown	Total
	1	23	32	12	3	1	12	83
1999	2	37	38	27	3	0	16	121
1777	3	36	36	27	5	2	17	123
	4	25	22	25	10	2	22	106
	1	24	30	14	11	0	12	91
2000	2	44	30	25	9	0	13	121
2000	3	43	33	28	9	0	26	139
	4	16	29	16	7	2	14	84
	1	16	18	19	11	0	5	69
0004	2	24	28	24	7	3	16	102
2001	3	45	24	28	9	2	29	137
	4	18	23	22	9	2	17	91
	1	20	24	21	5	3	19	92
0000	2	34	30	28	6	1	11	110
2002	3	32	30	32	7	2	17	120
	4	20	27	37	12	1	4	101
	1	13	15	25	4	2	6	65
0000	2	31	17	28	12	2	9	99
2003	3	25	17	27	7	3	8	87
	4	11	11	30	17	1	9	79
	1	8	12	27	8	3	7	65
2004	2	16	23	24	16	5	13	97
2004	3	19	18	27	19	2	8	93
	4	16	22	34	21	6	10	109
	1	13	14	21	15	8	29	100
2005	2	25	15	30	15	10	23	118
2005	3	40	25	44	18	8	39	174
	4	20	19	28	19	8	31	125
Average		24.8	23.6	26.1	10.5	2.8	15.8	103.6

see whether a gap exists between new and re-entrant RNs and those who exit, creating the balance sheet discussed earlier.

The first point in the data series (1999Q4) shows the following result:

New Entrants: 83.8Re-Entrants: 92.5Total Entrants: 176.3

Exits from Health Care: 159.3Exits from Wyoming: 108.3

In looking at health care labor flows, total entrants exceeded exits from health care by an average of 17.0. Meanwhile, 108 of the 159.3 average exits did not work in Wyoming for at least four quarters after leaving health care. This indicates that in 1999Q4, if an RN left health care, there was a 67.8% chance that RN exited Wyoming's labor market entirely.

We now examine the last point in each data series to form our second balance sheet (2005Q4):

- New Entrants: 85.0 (an increase of 1.3 from 1999Q4)
- Re-Entrants: 68.0 (a decrease of 24.5 from 1999Q4)
- Total Entrants: 153.0 (a decrease of 23.3 from 1999Q4)
- Exits from Health Care: 160.0 (an increase of 0.8 from 1999Q4)
- Exits from Wyoming: 129.3 (an increase of 21.0 from 1999Q4)

In this case, an RN exiting health care had an 80.8% chance of exiting the labor market for at least one year. Note that the increase in the probability of a permanent exit increased markedly while the number of one-quarter (minimum) exits from health care remained steady.

The trends displayed in Figure 5 also

inform us regarding RN behavior. Both industry and permanent exits declined during the early part of the decade, but then began to increase rapidly by mid-decade.

Table 19: New Entrant Registered Nurses in Health Care by Age Group, First Quarter 1999 to Third Quarter 2006

				Age G	roup			
Year	Quarter	<35	35-44	45-54	55-64	6 5+	Unknown	Total
	1	22	23	10	4	0	7	66
1999	2	40	18	19	5	0	9	91
1777	3	38	31	27	4	1	9	110
	4	21	24	11	1	1	10	68
	1	16	17	16	5	0	8	62
2000	2	41	27	21	3	1	9	102
2000	3	49	25	25	6	1	16	122
	4	17	18	15	4	0	10	64
	1	26	24	14	3	0	14	81
2001	2	25	27	14	4	1	16	87
2001	3	33	13	26	1	1	14	88
	4	26	13	16	6	1	14	76
	1	19	11	13	1	0	4	48
2002	2	24	12	7	9	1	1	54
2002	3	29	14	18	5	1	9	76
	4	12	11	9	2	2	4	40
	1 a	60	21	9	0	0	1	92
2003	2	34	17	13	5	0	8	77
2000	3	39	17	15	7	0	6	84
	4	23	12	14	9	0	12	70
	1	17	5	12	1	0	8	43
2004	2	22	11	8	12	0	12	65
2004	3	36	18	23	6	0	14	97
	4	36	20	25	7	1	19	108
	1	16	14	14	4	0	26	74
2005	2	17	10	17	4	2	24	74
2000	3	35	19	22	8	1	40	125
	4	11	7	14	7	0	28	67
	1	23	5	11	2	1	23	65
2006	2	17	14	5	5	1	34	76
	3	30	10	16	11	0	30	97
Averag	e	27.6	16.4	15.5	4.9	0.5	14.2	79.0

^aValues for this quarter were adjusted because of a statistical outlier.

New Entrant: First appearance or out for >4 years

The number of re-entrant RNs remained steady throughout the period, except for 2003-2004. The same did not hold for new entrants. Their numbers declined until 2002Q4, then began to recover. The increase in new entrants from 2002Q4 to 2005Q4 was 56.0%.

Table 20: New Entrant Registered Nurses in All
Other Industries (Not Health Care) by Age Group,
First Quarter 1999 to Third Quarter 2006

				Age G	roup			
Year	Quarter	<35	35-44	45-54	55-64	65+	Unknown	Total
	1	1	6	1	0	0	2	10
1999	2	1	2	1	0	0	7	11
1999	3	4	2	3	0	0	10	19
	4	2	2	0	0	1	5	10
	1	0	2	3	2	0	12	19
2000	2	2	3	1	0	0	7	13
2000	3	4	7	6	2	0	6	25
	4	5	1	3	1	0	4	14
	1	3	2	3	0	0	6	14
2001	2	2	1	2	2	0	13	20
2001	3	6	2	4	1	2	6	21
	4	2	5	5	1	1	1	15
	1	2	3	6	0	0	9	20
2002	2	2	3	1	2	0	4	12
2002	3	3	3	7	4	1	1	19
	4	3	3	4	3	0	4	17
	1	4	5	3	0	0	2	14
2003	2	5	1	2	4	0	4	16
2003	3	2	5	6	1	0	2	16
	4	6	1	4	2	1	4	18
	1	2	1	1	1	0	3	8
0004	2	3	1	3	1	1	2	11
2004	3	5	5	8	3	0	11	32
	4	6	3	6	0	3	7	25
	1	1	3	3	1	0	7	15
2005	2	6	2	1	2	0	12	23
2005	3	5	4	6	1	0	14	30
	4	4	3	4	2	1	15	29
	1	3	2	6	3	0	13	27
2006	2	5	2	3	1	0	22	33
	3	2	2	3	2	0	19	28
Averag	je	3.3	2.8	3.5	1.4	0.4	7.5	18.8

Description of Net Mortality

Figures 6-8 (see pages 55 and 56) describe the net mortality rates of nurses who graduated from a nursing program and became registered in Wyoming during

Table 21: Re-Entrant Registered Nurses in Health Care by Age Group, First Quarter 1999 to Third Quarter 2006

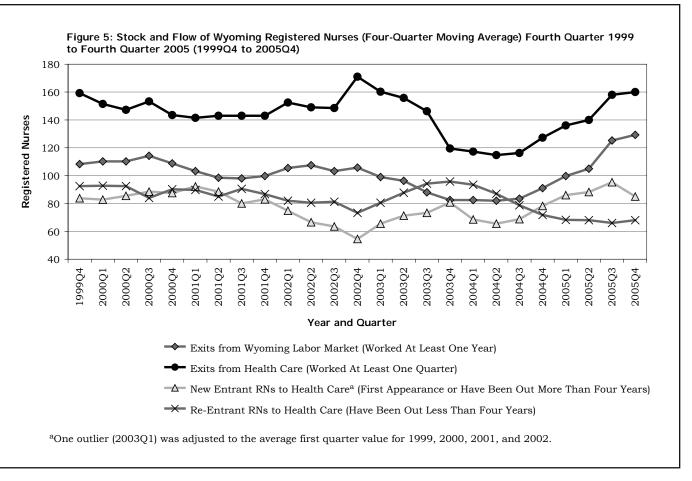
				Age C	Group			
Year	Quarter	<35	35-44	45-54	55-64	ę ₅₊	Unknown	Total
1999	1	19	33	20	7	0	0	79
	2	26	37	24	6	0	0	93
	3	31	30	33	11	1	0	106
	4	24	29	28	9	2	0	92
2000	1	24	29	14	11	2	0	80
	2	21	28	31	11	1	0	92
	3	19	25	24	3	0	1	72
	4	23	42	35	15	2	0	117
2001	1	19	19	29	7	3	1	78
	2	19	24	20	8	1	1	73
	3	32	24	22	11	3	2	94
	4	16	41	24	13	7	1	102
2002	1	6	23	20	9	0	1	59
	2	10	18	27	10	1	1	67
	3	25	25	33	10	0	4	97
	4	16	18	23	11	2	0	70
2003	1	17	17	35	17	2	0	88
	2	24	22	30	13	5	2	96
	3	15	32	56	13	2	5	123
	4	15	16	28	14	2	1	76
2004	1	18	22	23	11	2	3	79
	2	16	17	25	6	3	3	70
	3	20	18	35	14	0	3	90
	4	9	11	16	6	4	2	48
2005	1	16	17	20	7	4	1	65
	2	19	13	16	16	3	2	69
	3	15	29	22	11	3	2	82
	4	13	11	19	4	7	2	56
2006	1	15	15	13	9	2	4	58
	2	12	22	21	14	8	5	82
	3	11	15	17	7	4	5	59
Averag	e	18.2	23.3	25.3	10.1	2.5	1.7	81.0

Re-Entrant: Out of industry not more than 4 years.

a given calendar year. The figures identify any appearance (health care related or not) in Wyoming Unemployment Insurance wage records across the span of quarters shown

Table 22: Re-Entrant Registered Nurses in All Other Industries (Not Health Care) by Age Group, First Quarter 1999 to Third Quarter 2006

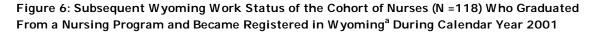
	Age Group									
Year	Quarter	<35	35-44	45-54	55-64	65+	Unknown	Total		
	1	19	7	7	4	1	0	38		
1000	2	37	9	9	3	0	2	60		
1999	3	23	8	10	1	1	0	43		
	4	17	18	21	5	1	0	62		
	1	19	12	12	3	1	0	47		
2000	2	31	8	9	2	0	0	50		
2000	3	26	12	12	2	1	1	54		
	4	11	16	18	5	3	3	56		
	1	19	8	4	5	0	0	36		
2001	2	22	11	10	6	2	0	51		
2001	3	15	14	10	3	0	1	43		
	4	15	12	23	8	4	0	62		
	1	16	5	10	6	1	2	40		
2002	2	20	11	18	5	0	0	54		
2002	3	8	3	13	9	1	1	35		
	4	12	14	18	4	3	1	52		
	1	8	7	15	7	3	2	42		
2003	2	22	8	14	6	0	0	50		
2003	3	13	7	14	8	3	2	47		
	4	10	14	24	6	1	2	57		
	1	6	5	19	7	1	2	40		
2004	2	16	10	13	7	2	5	53		
2004	3	7	12	18	6	2	3	48		
	4	9	12	25	11	4	4	65		
	1	5	5	13	11	1	2	37		
2005	2	9	7	9	7	4	4	40		
2003	3	6	8	6	9	2	4	35		
	4	8	10	16	7	4	1	46		
	1	7	7	9	7	2	2	34		
2006	2	4	6	7	12	1	3	33		
	3	2	9	10	7	2	1	31		
Averag	e	14.3	9.5	13.4	6.1	1.6	1.5	46.5		



in each figure. The totals in each quarter represent a net of the original cohort total. Any nurse in the original cohort may be employed or not employed in any given quarter. The mortality rate shown on each figure represents the net average loss of the cohort each quarter. The linear decline for all three cohorts is very similar. For the 2001-2003 cohorts of graduating nurses who became registered in Wyoming, approximately 2.0% were lost (on a net basis) from Wyoming's labor market each quarter. Across the 20 quarters shown in Figure 6, only 79 of the original 118 nurses in the 2001 cohort can be found working in Wyoming five years later for a net loss of 39 nurses.

Summary

The preceding turnover analysis reveals underlying trends. First and most important, RNs who leave health care have become increasingly more likely to leave the Wyoming labor market altogether. This may make it more difficult for employers to recruit those RNs back into the health care workforce. Second, the flow of new and reentrants to health care is not keeping pace with the numbers of exits. A deficit situation such as this is not sustainable over the long run. Both factors taken together indicate a challenging future in the retention of RNs in Wyoming.





^aSource Data: Wyoming Unemployment Insurance Wage Records and Wyoming Board of Nursing registration files.

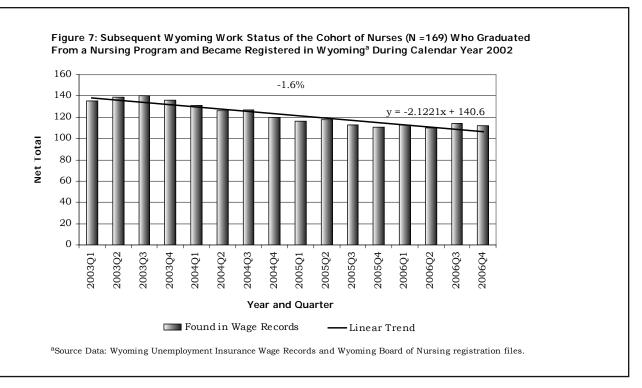
Differences Between Net Mortality and Permanent Exit

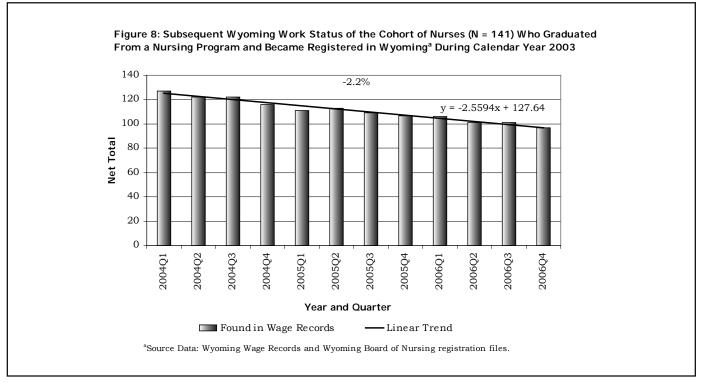
by: Dr. Mark A. Harris, Sociologist

Appear again for at least four quarters (one year). Net mortality occurs when we compare counts of an RN cohort appearing in one quarter with counts of the same cohort appearing in a later quarter. Net mortality can be thought of as nurse attrition. RNs could disappear one quarter out and then return in less than one year. By definition, this does not occur under the permanent exit construct. Furthermore, net mortality focuses on new RN graduates exclusively, while all RNs are included in the permanent exit counts. Thus, the determination of permanent exit status in a given quarter is a more dynamic process, as it takes account of future quarters to assign a category status in a reference quarter. The process for calculating net mortality simply examines each successive reference quarter separately and totals the number of persons found working and not found working.

1. The System as a Whole

Retention of Nurses in Wyoming





Employer-Level Turnover Rates by Industry and Experience

by: Sylvia D. Jones, Senior Research Analyst data by: Doug Leonard, Senior Economist

urnover is an obvious concern for most employers but for health care firms especially. High turnover is expensive because of replacement costs as well as potential lost revenue from decreased patient care. While overall turnover rates may serve as useful benchmarks to which employers can compare their firm-specific rates, benchmarks for turnover by experience level may be better indicators. For example, it would be useful to discover if there is a level of experience after which turnover greatly diminishes. If nurse turnover decreases dramatically after two years of experience, it may be logical for retention efforts to be focused on new nurses. Alternatively, if turnover is fairly evenly distributed, retention efforts should be spread out evenly among all nurses.

Comments provided by nurses who responded to the survey (see page 31) indicate that some employers appear to be focusing their retention strategies, in the form of elevated wages, on those nurses with the least amount of experience. A potential implication of this strategy is that the more experienced nurses may feel they are viewed by the administration as less important. As such, they may be more likely to seek out new employment opportunities, which would lead to higher firm-level turnover among experienced nurses. R&P-provided turnover rates by experience level, especially when used over time, would allow health care firms to gauge the effects of implemented retention strategies in their own organization.

Ambulatory Health Care Services

Overall, the highest turnover rate was found among those with the least amount

of experience in health care and the rate decreased as experience increased. The means appeared to have a distinct separation point between relatively high turnover and more moderate turnover. Those nurses with 1-2 years of experience had an average rate of 21.0 while the next group, those with 2-5 years of experience, had a rate of 15.9 (see Table 23, page 58).

While the reliability is questionable, there was an overall decline in turnover rates between 2000 and 2006. The average for all experience levels in 2000 was 16.2. By 2006 the average had fallen to 12.6. The decline was seen at every experience level.

Hospitals

The highest turnover rate was found among those with 1-2 years of experience (8.5) rather than those with less than one year (8.2; see Table 24, page 58). Those with 10 or more years of experience had the lowest rate (3.8). There was a separation point, but instead of falling between 1-2 years and 2-5 years, it fell between 2-5 years and 5-10 years.

The overall turnover rate fell from 5.5 in 2000 to 5.2 in 2006. The decline was not found among those with 2-5 or 5-10 years of experience but was found in every other experience level.

Nursing Homes and Residential Care Facilities

Similar to hospitals, nurses with 1-2 years of health care experience were most likely to exit their job in nursing & residential

care facilities (21.5; see Table 25, page 59). Those with less than one year followed closely with a rate of 21.3. Again, 10 years or more of experience was associated with

Table 23: Employer-Level Turnover Rates for Registered Nurses in Ambulatory Health Care Services by Health Care Experience, First Quarter 2000 to Fourth Quarter 2006

Н	eal	th	Care	Experi	ience
---	-----	----	------	--------	-------

Year	Quarter	<1 year	1-2 years	2-5 years	5-10 years	10+ years	All
	1	11.5	16.4	15.9	15.5	18.0	15.9
	2	36.8	26.7	12.9	14.4	8.0	15.6
2000	3	34.8	17.5	18.3	12.2	15.1	16.1
	4	23.5	25.8	17.8	14.4	18.6	17.1
	1	11.6	23.5	17.4	13.5	19.5	16.1
0004	2	32.7	23.3	15.5	13.4	13.4	15.8
2001	3	26.4	23.4	22.1	14.2	14.6	17.4
	4	20.0	22.4	21.1	17.8	19.7	19.5
	1	18.2	25.0	15.1	16.1	15.1	16.3
2002	2	29.4	25.0	17.7	13.8	14.7	16.4
2002	3	14.3	14.0	12.1	13.1	13.4	13.1
	4	21.4	20.5	12.0	14.9	12.3	13.9
	1	14.0	17.1	14.3	13.4	6.8	11.2
2003	2	16.7	34.9	13.5	15.0	11.6	14.5
2003	3	28.6	19.2	18.8	19.9	10.6	16.0
	4	6.7	18.5	20.8	17.5	15.9	17.0
	1	15.6	13.0	13.4	10.8	8.8	10.6
2004	2	29.0	19.3	15.0	16.5	13.1	15.3
2004	3	32.3	20.9	14.8	15.2	14.1	15.5
	4	17.1	24.4	17.9	13.7	15.4	16.0
	1	17.1	21.1	9.6	11.2	8.7	10.5
2005	2	18.2	20.9	18.1	14.5	11.3	13.9
2005	3	23.5	24.4	20.7	14.5	12.8	15.5
	4	23.3	17.9	11.6	14.9	13.4	14.0
	1	13.0	17.1	13.0	13.2	11.9	12.7
2006	2	7.4	19.0	15.3	12.5	11.7	12.7
2000	3	32.4	28.2	14.6	14.7	8.6	12.9
	4	27.6	9.4	12.8	13.0	10.7	12.0
Averages	•	22.0	21.0	15.9	14.4	12.6	14.7

the lowest turnover rate (12.2). There was not a simple point of separation. Those with less experience (<1 and 1-2 years) clustered together (21.3 and 21.5, respectively), and those with more experience (5-10 and

Health Care Experience Year Very Sear Sear Sear Sear Sear Sear Sear Sear	Table 24 Register Experier 2006	ed Nu	ırses ir	Hosp	itals b	y Heal	th Care	e arter				
Year 1 8.3 5.1 4.3 2.8 4.1 3.7 2000 1 8.3 5.1 4.3 2.8 4.1 3.7 2 11.0 8.8 8.8 4.1 6.6 6.1 3 13.0 10.5 8.3 5.4 2.1 6.7 4 7.6 12.9 7.3 3.7 5.8 5.6 4 7.6 12.9 7.3 3.7 5.8 5.6 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 2002 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 2003 3 6.5 6.7 5.9 3.8 2.0 3.8			He	alth C	are Ex	perien	ce					
2000	uarter 1 year 2 years 5 years 0+ years											
2000 2 11.0 8.8 8.8 4.1 6.6 6.1 3 13.0 10.5 8.3 5.4 2.1 6.7 4 7.6 12.9 7.3 3.7 5.8 5.6 1 8.2 8.9 6.4 3.0 1.6 4.4 2 10.6 10.9 6.2 5.9 6.4 6.8 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 2002 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 2003 5.4 9.7 7.7 7.2 2.8 5.4 2004 1 3.5 5.8 7.5 3.0 4.3 4.6	Teal		· ·			ш,						
2000 3 13.0 10.5 8.3 5.4 2.1 6.7 4 7.6 12.9 7.3 3.7 5.8 5.6 1 8.2 8.9 6.4 3.0 1.6 4.4 2 10.6 10.9 6.2 5.9 6.4 6.8 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 1 11.4 11.6 7.2 5.6 3.6 5.9 2 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	8.3	5.1	4.3	2.8	4.1	3.7				
2001 3 13.0 10.5 8.3 5.4 2.1 6.7 4 7.6 12.9 7.3 3.7 5.8 5.6 1 8.2 8.9 6.4 3.0 1.6 4.4 2 10.6 10.9 6.2 5.9 6.4 6.8 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 2 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2000	2	11.0	8.8	8.8	4.1	6.6	6.1				
2001 1 8.2 8.9 6.4 3.0 1.6 4.4	2000	3	13.0	10.5	8.3	5.4	2.1	6.7				
2001 2 10.6 10.9 6.2 5.9 6.4 6.8 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 2002 5.1 11.6 7.2 5.6 3.6 5.9 2002 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 2 4.5 5.3 5.4 7.8 2.8 4.7 2004 2 4.5 5.3 5.4 7.8 2.8 4.7		4	7.6	12.9	7.3	3.7	5.8	5.6				
2001 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 1 11.4 11.6 7.2 5.6 3.6 5.9 2 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 1 10.0 6.3 6.0 3.9 2.7 4.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	8.2	8.9	6.4	3.0	1.6	4.4				
2002 3 10.1 11.7 9.5 5.5 4.3 6.9 4 10.5 9.2 5.4 3.8 2.8 4.7 1 11.4 11.6 7.2 5.6 3.6 5.9 2 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2005 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2001	2	10.6	10.9	6.2	5.9	6.4	6.8				
2002	2001	3	10.1	11.7	9.5	5.5	4.3	6.9				
2002 2 5.1 10.6 11.3 6.0 4.2 6.6 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 2 5.4 9.7 7.7 7.9 9.6 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2005 2 8.8 11.2 7.1 4.5 3.6 5.3		4	10.5	9.2	5.4	3.8	2.8	4.7				
2002 3 14.6 13.5 12.9 10.0 7.4 9.9 4 13.5 10.8 12.1 9.7 7.9 9.6 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2005 1 10.0 6.3 6.0 3.9 2.7 4.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	11.4	11.6	7.2	5.6	3.6	5.9				
2003 3	2002	2	5.1	10.6	11.3	6.0	4.2	6.6				
2003 1 3.3 8.9 5.1 4.3 1.5 3.4 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 1 10.0 6.3 6.0 3.9 2.7 4.3 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2002	3	14.6	13.5	12.9	10.0	7.4	9.9				
2003 2 5.4 9.7 7.7 7.2 2.8 5.4 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 2004 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2005 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		4	13.5	10.8	12.1	9.7	7.9	9.6				
2003 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2005 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2006 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	3.3	8.9	5.1	4.3	1.5	3.4				
2004 3 6.5 6.7 5.9 3.8 2.0 3.8 4 4.3 4.3 6.5 4.8 2.5 4.0 1 3.5 5.8 7.5 3.0 4.3 4.6 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2002	2	5.4	9.7	7.7	7.2	2.8	5.4				
2004	2003	3	6.5	6.7	5.9	3.8	2.0	3.8				
2004 2 4.5 5.3 5.4 7.8 2.8 4.7 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 1 10.0 6.3 6.0 3.9 2.7 4.3 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		4	4.3	4.3	6.5	4.8	2.5	4.0				
2004 3 6.7 3.7 6.0 7.8 3.2 4.9 4 4.5 6.7 6.4 6.4 3.8 5.1 1 10.0 6.3 6.0 3.9 2.7 4.3 2 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	3.5	5.8	7.5	3.0	4.3	4.6				
2005 3. 6.7 3.7 6.0 7.8 3.2 4.9 4.5 6.7 6.4 6.4 3.8 5.1 1.0.0 6.3 6.0 3.9 2.7 4.3 2.5 4.0 2.0 4.9 2.0 4.5 3.6 5.3 3.0 4.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 4.0 5.6 2 5.9 9.7 7.0 5.5 4.0 5.5 3.8 1.0.9 8.5 3.7 3.9 5.5 4.0 3.6 7.5 7.5 3.4 2.5 4.0 3.6 7.5 7.5 3.6 7.5 7.5 3.4 2.5 4.0 3.6 7.5 7.5 3.6 7.5 7.5 3.6 7.5 7	2004	2	4.5	5.3	5.4	7.8	2.8	4.7				
2005	2004	3	6.7	3.7	6.0	7.8	3.2	4.9				
2005 8.8 11.2 7.1 4.5 3.6 5.3 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		4	4.5	6.7	6.4	6.4	3.8	5.1				
2005 3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	10.0	6.3	6.0	3.9	2.7	4.3				
3 14.9 9.1 12.5 8.5 5.4 8.4 4 7.4 7.8 8.2 5.6 4.0 5.6 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2005	2	8.8	11.2	7.1	4.5	3.6	5.3				
2006 1 9.9 7.4 6.8 6.9 4.1 5.8 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2005	3	14.9	9.1	12.5	8.5	5.4	8.4				
2006 2 5.9 9.7 7.0 5.5 4.0 5.5 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		4	7.4	7.8	8.2	5.6	4.0	5.6				
2006 3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0		1	9.9	7.4	6.8	6.9	4.1	5.8				
3 8.1 10.9 8.5 3.7 3.9 5.5 4 3.6 7.5 7.5 3.4 2.5 4.0	2007	2	5.9	9.7	7.0	5.5	4.0	5.5				
	2006	3	8.1	10.9	8.5	3.7	3.9	5.5				
Averages 8.2 8.5 7.7 5.2 3.8 5.6		4	3.6	7.5	7.5	3.4	2.5	4.0				

10+) clustered together (13.6 and 12.2, respectively). However, those in the middle (2-5 years, with a turnover rate of 17.9) did not fit into either group.

Table 25: Employer-Level Turnover Rates for Registered Nurses in Nursing & Residential Care Facilities by Health Care Experience, First Quarter 2000 to Fourth Quarter 2006

Health Care Experience								
∕ear	Quarter	<1 year	1-2 years	2-5 years	5-10 years	10+ years	AII	
	1	23.5	25.7	21.7	16.8	15.6	19.1	
	2	27.3	23.1	16.5	11.8	8.8	14.5	
2000	3	28.0	23.3	23.0	18.9	13.3	20.2	
	4	11.5	13.0	15.1	7.9	11.8	10.8	
	1	11.4	8.7	10.4	14.3	19.3	13.6	
2001	2	15.4	32.4	20.7	11.0	13.1	16.2	
2001	3	38.1	30.3	22.4	17.1	12.9	19.9	
	4	33.3	18.8	24.0	10.3	11.4	15.5	
	1	18.2	21.4	13.2	9.6	13.7	13.0	
2002	2	5.9	33.3	20.0	10.4	11.4	14.4	
2002	3	25.0	23.1	10.4	9.8	11.2	11.9	
	4	6.7	30.0	19.7	15.3	11.9	15.3	
	1	16.2	5.9	16.1	11.5	12.7	13.0	
2003	2	25.7	12.5	12.5	11.7	7.0	11.7	
2003	3	29.7	23.8	13.3	17.2	20.2	19.2	
	4	22.2	10.7	11.3	8.9	9.2	10.3	
	1	14.3	17.2	10.3	13.4	19.5	15.6	
2004	2	18.2	32.4	19.0	11.6	12.1	15.3	
200 .	3	14.3	30.8	22.2	16.5	10.6	16.0	
	4	8.0	6.3	18.5	13.9	13.8	13.9	
	1	40.6	31.8	34.2	22.7	18.8	25.0	
2005	2	16.7	22.2	15.9	16.0	10.6	14.1	
	3	33.3	13.6	23.2	9.2	9.2	13.2	
	4	31.6	17.6	15.5	12.5	8.6	12.5	
	1	26.3	5.9	12.5	11.0	9.1	10.9	
2006	2	8.3	19.0	15.1	21.2	7.6	13.3	
	3	20.0	20.0	14.5	14.3	12.5	14.0	
	4		25.0	22.6	13.8	11.0	14.2	
Averages		21.3	21.5	17.9	13.6	12.2	15.0	

The average turnover for all nurses decreased from 16.2 in 2000 to 13.1 in 2006. Every experience level had a decline except for those with 5-10 years.

Conclusion

There appears to be little supporting evidence for the hypothesis that there is a distinct experience level at which nurses become less likely to exit employment.

Nurses with less experience were the most likely to turnover, regardless of industry, but the pattern of turnover rate decline was different for every industry. While unable to provide detailed information such as, "If a firm can keep a new nurse for two years, they are likely to become a lifetime employee," the information can still be used by firms to gauge their own implemented retention strategies.

Comparing Labor Market Outcomes for Nurses, Teachers, State Employees, and a Control Group

by: Dr. Mark A. Harris, Sociologist

ne of the fundamental issues when studying labor market outcomes is determining how an occupation differs from other similarly situated occupations. This can help determine whether market outcomes are occupationspecific or if they are a function of work setting or demographics. To compare jobs requiring advanced training beyond high school that provide opportunities for educated women, Research & Planning (R&P) used available data on nurses, elementary & secondary school teachers, and educated state government employees in Wyoming. R&P also compared nurses to a randomly selected control group that had identical age, gender, and prior earnings characteristics (Glover, 2002).

This article examines job exit rates and the average age of exiting employees. These comparisons provide context for the experience of nurses in Wyoming's labor market. Although differences exist, research can show how similar the experiences of nurses, particularly hospital nurses, are to other selected occupations.

Data and Methodology

Wyoming Unemployment Insurance wage records were used in this study to identify specific employees and employers. The Wage Records database is the definitive source for empirically establishing a person's work history in Wyoming, including turnover, tenure, and wage progression. The Wyoming Department of Transportation's Driver's License database was matched to wage records to identify employees' age and gender.

One of the difficulties in studying occupational outcomes is that wage records do not identify a person's occupation.
Occupations (e.g., nurses and teachers) were identified from the following files: registered nurses from the Nursing Licensure database provided by the Wyoming State Board of Nursing, state employees and their respective job titles from the Wyoming State Auditor's Office, and teachers from the Wyoming Department of Education's Education Staff File.

The base year for all three occupational cohorts was 2003. The methodology for calculating turnover was developed previously by Glover (2001). Exit rates were restricted to nurse exits from hospitals, ambulatory health care services, and nursing & residential care facilities; state employee exits from state government; and teacher exits from elementary & secondary schools. Nurses were registered as indicated by the Wyoming State Board of Nursing. Teachers were designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here had an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher for their respective job titles (i.e., they were working in occupations requiring a postsecondary degree).

Statistically matched control groups were constructed using methodology developed by Glover (2002). This was done by stratifying the nurse group by age, gender, and prior wages. Some nurses were eliminated from

the file primarily due to a lack of data on prior earnings. A control group of non-nurses was then selected with identical age, gender, and prior wage distributions. Quasi-experimental designs such as this allow comparison of groups of persons who are statistically similar at a particular reference point — in this case, nurses with non-nurses.

Exit Rate Comparisons

Among the groupings considered here, hospital nurses, state government employees, and teachers had turnover rates at or below 8% each quarter and below 5% for most quarters (see Figure 9, page 62). Teaching was the most stable of the three occupations (exiting later in the work career). Nursing appeared to be the least stable among the three occupations. Hospital nurses, however, had turnover rates clustered more closely with teachers and state government employees. Nurses working in ambulatory health care services and nursing & residential care facilities had very similar turnover rates but were approximately 10 percentage points higher than nurses working in hospitals. In third quarter 2003, more than half of Wyoming nurses worked in hospitals (see Table 26, page 62).

A study of exit patterns among nurses was presented in "Where Did the Nurse Go? Using Administrative Data to See Changes in Employment in Nursing" in June 2007 *Wyoming Labor Force Trends*.

Because nursing has a much higher concentration of female employees than either teaching or state government employment (see Table 27, page 63), turnover rates were run separately for males and females. Turnover rates for professional females showed a very similar pattern to

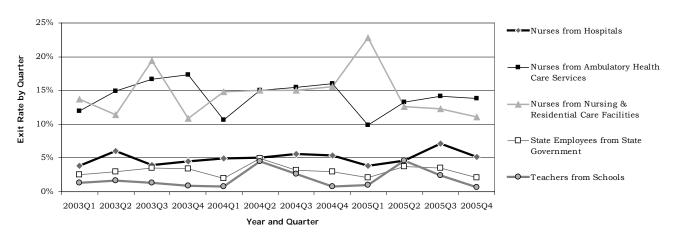
the rates for all employees (compare Figure 9, page 62, and Figure 10, page 63). Rates for males followed the same general pattern but were more erratic for nurses from ambulatory health care services and nursing & residential care facilities (see Figure 11, page 64), likely due to the small number working in these settings.

As anticipated when comparing nurse and control groups, nurses from hospitals, nurses from ambulatory health care services, and nurses from nursing & residential care facilities had exit rates similar to those shown previously (see Figure 12, page 64). Due to the stratification process, this was a smaller subset of nurses than those examined previously; however, the stratification process did not alter the general pattern of turnover. Members of the control group who exited from private ownerships (not including health care) had approximately a 10% exit rate each quarter, while nurses who exited from health care (all three nurse groups) had approximately a 7% exit rate per quarter. The control group had higher turnover than nurses from hospitals and nurses from health care. However, nurses from ambulatory health care services and nursing & residential care facilities had the highest rates of turnover.

Average Age Comparisons

The average age of exiters can also be used for comparison. Among the occupational groups considered here, most clustered tightly within a 4-year age range (see Figure 13, page 65). The notable exception was teachers within elementary & secondary schools, whose average age was 2 to 3 years older than the other groups, supporting the idea that teaching appears to be a more stable occupation than nursing or state government employment. Comparisons

Figure 9: Exit Rates for Nurses, State Employees, and Teachers in Wyoming, First Quarter 2003 to Fourth Quarter 2005 (2003Q1-2005Q4)



Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care (NAICS 621), nurse exits from Nursing and Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

restricted to females were similar to the pattern for all employees (see Figure 6, page 65). The pattern for males was also similar but showed more variability. particularly among nurses from health care occupations due to the small number of male nurses (see Figure 7, page 66). Average age comparisons were not meaningful between the nurse group and the matched control group due to the fact that they were statistically forced to be identical through the stratification process.

Table 26: Registered Nurses with Active Licenses by Place of Work, Third Quarter 2006

	Registered Nurses		
	n	%	
Ambulatory Care	656	16.5%	
Hospitals	2,199	55.3%	
Long-Term Care	288	7.2%	
Higher Education	108	2.7%	
State Government	192	4.8%	
Local Education	144	3.6%	
Local Government	107	2.7%	
Other Industry, Not Health Care	282	7.1%	
Total	3,976	100.0%	

Prepared by Lisa Knapp, Research Analyst, Wyoming Department of Employment, Research & Planning, April 20, 2007.

Summary

This turnover analysis indicates that exit rates for nurses from hospitals were similar to other occupations that concentrate professional females — namely elementary & secondary school teachers and state employees working in occupations that require post-secondary education. Members of the statistically matched control group working in Wyoming's private sector economy

Table 27: Gender Distribution for Nurses,	Teachers, an	nd Highly Educated	State Employees, 2003C	22
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	Males	Col %	Females	Col %	Unknown	Col %	Total	Col %
Nurses	337	9.8%	4,961	48.8%	3	5.0%	5,301	38.8%
Row %	6.4%		93.6%		0.1%		100.0%	
Teachers	1,747	50.9%	3,647	35.8%	31	51.7%	5,425	39.7%
Row %	32.2%		67.2%		0.6%		100.0%	
State Employees	1,345	39.2%	1,565	15.4%	26	43.3%	2,936	21.5%
Row %	45.8%		53.3%		0.9%		100.0%	
Total	3,429	100.0%	10,173	100.0%	60	100.0%	13,662	100.0%
Row %	25.1%		74.5%		0.4%		100.0%	

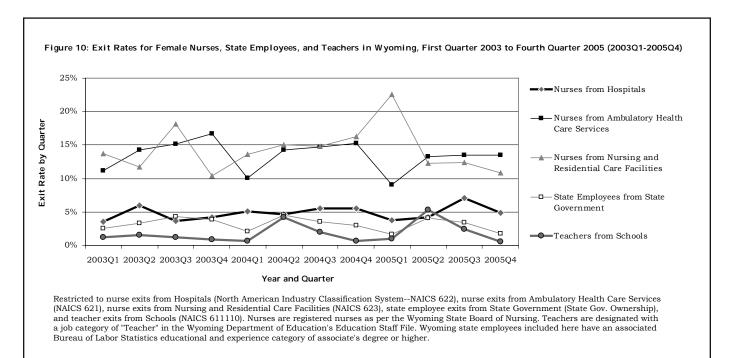
Note: Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

and nurses from ambulatory health care services and nursing & residential care facilities had somewhat higher rates of turnover. Hospitals, similar to teaching and state government employment, may provide more stable avenues of employment. Characteristics of the work setting, rather than occupation, potentially explain

exit rates. Future studies will explore explanatory variables, particularly wage differences.

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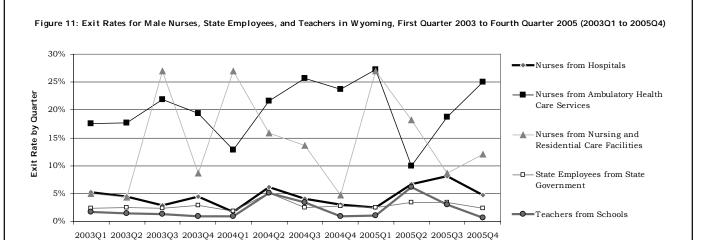


Retention of Nurses in Wyoming

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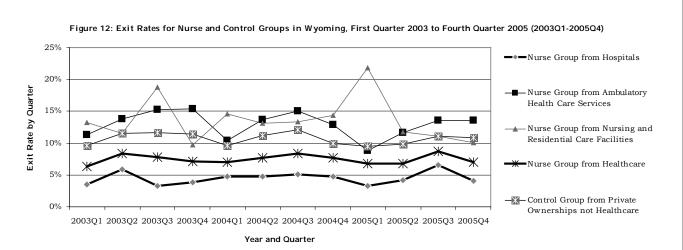
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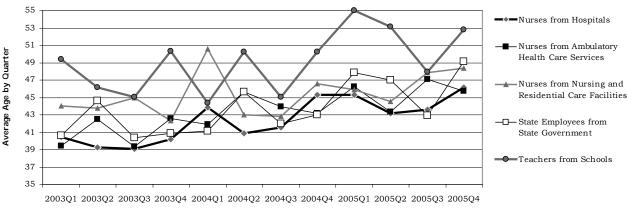
Year and Quarter

Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care Services (NAICS 621), nurse exits from Nursing and Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and Teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.



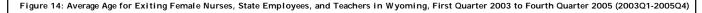
Control Group matched to the Nurse Group on on age, gender, attachment to the market, and prior earnings. Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care Services (NAICS 621), nurse exits from Nursing and Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

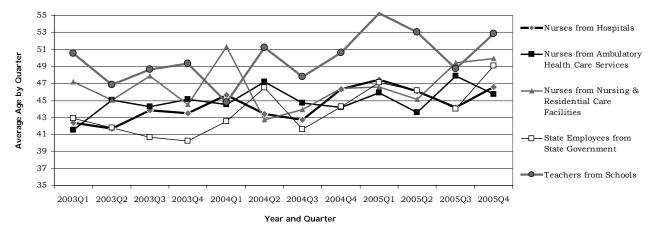




Year and Quarter

Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care Services (NAICS 621), nurse exits from Nursing and Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

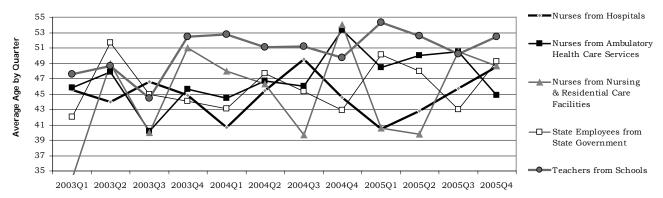




Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care Services (NAICS 621), nurse exits from Nursing and Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

Retention of Nurses in Wyoming

Figure 15: Average Age for Exiting Male Nurses, State Employees, and Teachers in Wyoming, First Quarter 2003 to Fourth Quarter 2005 (2003Q1-2005Q4)



Year and Quarter

Restricted to nurse exits from Hospitals (North American Industry Classification System--NAICS 622), nurse exits from Ambulatory Health Care Services (NAICS 621), nurse exits from Nursing & Residential Care Facilities (NAICS 623), state employee exits from State Government (State Gov. Ownership), and teacher exits from Schools (NAICS 611110). Nurses are registered nurses as per the Wyoming State Board of Nursing. Teachers are designated with a job category of "Teacher" in the Wyoming Department of Education's Education Staff File. Wyoming state employees included here have an associated Bureau of Labor Statistics educational and experience category of associate's degree or higher.

2. Description of the System

Nurse Commuting Patterns: Where Nurses Live and Work

by: Doug Leonard, Senior Economist

There registered nurses (RNs) live and work can provide important clues about their behavior. Choice of residence and work locations may be due to several factors including the desire for anonymity, reduction in on-call time, family life cycle needs, and differing management practices. In this section, we compare and contrast the work and residence locations for RNs.

Table 1 shows where RNs worked and lived from fourth quarter 2004 (2004Q4) to 2007Q1. The tables indicate that the number of RNs with unknown residency (those without Wyoming driver's licenses), increased markedly from 305 in 2004Q4 to 604 by 2006Q4, suggesting a substantial increase in the number of nonresident RNs working in the state. This result corresponds with other research performed by R&P (Jones, 2007; Leonard, 2008) regarding nonresident workers in Wyoming.

An examination of more recent history shows which counties "import" and "export" RNs. Data for Natrona and Laramie counties (2006Q4) show that both locales were net importers of RNs. That is, the number of RNs working in the counties exceeded the number residing in the counties (201 more in Laramie County, 135 in Natrona County). We can generate similar balance calculations for the other counties.

Another way to analyze the movement of RNs for work is with mapping software. Maps 1 and 2 (see page 71) show the commuting flows of RNs into and out of Sweetwater County. Map 1 indicates that in 2005Q4, 28 RNs commuted to Sweetwater County, spread evenly from

among neighboring locales (except for the nonresidents). In contrast, as shown in

Table 1: Registered Nurses Residing and Working in Wyoming Counties by Quarter

Date	County	Resident Nurses	Working Nurses
	Albany	288	291
	Big Horn	89	80
	Campbell	302	327
	Carbon	114	114
	Converse	111	85
	Crook	44	45
	Fremont	306	319
	Goshen	78	81
	Hot Springs	57	53
	Johnson	74	80
-	Laramie	841	949
2004Q4	Lincoln	86	79
40	Natrona	721	827
ŏ	Niobrara	17	13
(4	Park	248	257
	Platte	82	57
	Sheridan	271	279
	Sublette	35	29
	Sweetwater	229	240
	Teton	164	213
	Uinta	152	171
	Washakie	83	78
	Weston	42	37
	Unknown	305	35
	Total	4,739	4,739
	Albany	275 89	271 85
	Big Horn	298	329
	Campbell Carbon	122	121
		113	88
	Converse		47
	Crook	42	
	Fremont	307	318
	Goshen	81	75 57
	Hot Springs	54	57
	Johnson	74	78
	Laramie	842	982
77	Lincoln	93	78
200501	Natrona	714	821
8	Niobrara	16	11
7	Park	252	261
	Platte	84	55
	Sheridan	272	289
	Sublette	30	23
	Sweetwater	224	235
	Teton	167	229
	Uinta	154	169
	Washakie	84	79
	Weston	42	41
	Unknown	343	30
	Total	4,772	4,772
	. Otal		nued on page 69

Map 2, a substantial proportion of RNs who commuted out of Sweetwater County chose to work in Uinta County, with small

numbers scattered among neighboring locales.

Table continued from page 68

Table 1: Registered Nurses Residing and Working in Wyoming Counties by Quarter

Date	County	Resident Nurses	Working Nurses	Date	County	Resident Nurses	Working Nurses
	Albany	280	276		Albany	282	287
	Big Horn	90	84		Big Horn	104	95
	Campbell	311	340		Campbell	322	356
	Carbon	122	123		Carbon	122	117
	Converse	110	89		Converse	107	92
	Crook	43	48		Crook	45	55
	Fremont	305	323		Fremont	305	317
	Goshen	80	323 76		Goshen	80	77
	Hot Springs	56	61		Hot Springs	59	63
	Johnson	73	75		Johnson	70	73
7	Laramie	852	1,010	4	Laramie	856	1,023
200502	Lincoln	93	78	200504	Lincoln	92	77
02	Natrona	730	832	05	Natrona	751	870
Ŏ	Niobrara	17	15	Ŏ	Niobrara	20	11
(1	Park	249	256	(4	Park	265	268
	Platte	84	57		Platte	84	59
	Sheridan	270	287		Sheridan	275	289
	Sublette	33	25		Sublette	33	22
	Sweetwater	222	230		Sweetwater	223	227
	Teton	170	230		Teton	170	243
						154	
	Uinta	148	168		Uinta		177
	Washakie	82	76		Washakie	84	75
	Weston	42	44		Weston	43	47
	Unknown	381	40		Unknown	408	34
	Total	4,843	4,843		Total	4,954	4,954
	Albany	283	288		Albany	282	284
	Big Horn	101	99		Big Horn	107	99
	Campbell	323	353		Campbell	321	352
	Carbon	128	122		Carbon	121	115
	Converse	110	96		Converse	105	96
	Crook	43	53		Crook	42	52
	Fremont	308	331		Fremont	312	318
	Goshen	80	76		Goshen	82	73
	Hot Springs	58	59		Hot Springs	57	62
	Johnson	72	76		Johnson	66	74
	Laramie	888	1,067		Laramie	865	1,035
3			,	7			,
200503	Lincoln	93	82	2006Q1	Lincoln	93	78
Ö	Natrona	739	855	ğ	Natrona	746	873
50	Niobrara	18	13	20	Niobrara	19	11
•	Park	260	274		Park	264	276
	Platte	86	56		Platte	82	62
	Sheridan	275	294		Sheridan	272	278
	Sublette	32	22		Sublette	31	23
	Sweetwater	224	232		Sweetwater	221	223
	Teton	172	246		Teton	164	231
	Uinta	151	173		Uinta	152	175
	Washakie	83	79		Washakie	78	68
	Weston	44	50		Weston	43	39
		44 467	42		Unknown	413	39 41
					unknown	41.3	41
	Unknown Total	5,038	5,038		Total	4,938	4,938

Table continued on page 70

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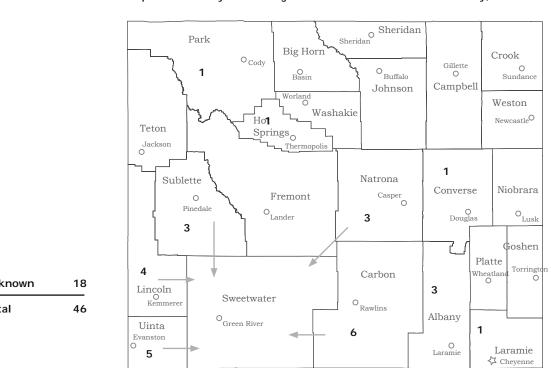
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Table 1: Registered Nurses Residing and Working in Wyoming Counties by Quarter

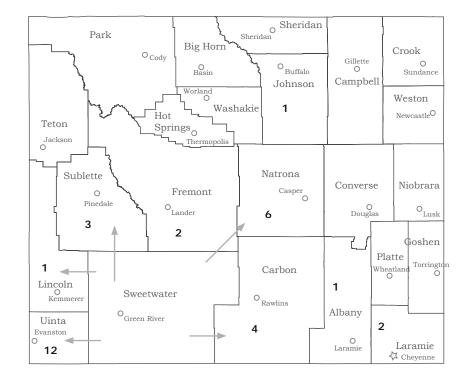
		Resident	Working			Resident	Working
Date	County	Nurses	Nurses	Date	County	Nurses	Nurses
	Albany	279	292		Albany	279	292
	Big Horn	101	93		Big Horn	103	99
	Campbell	310	339		Campbell	310	346
	Carbon	120	127		Carbon	122	126
		98		Converse	111	89	
	Crook	42	52		Crook	41	61
	Fremont	299	326		Fremont	309	330
	Goshen	78	71		Goshen	85	83
	Hot Springs	58	59		Hot Springs	52	55
	Johnson	62	77		Johnson	69	84
~	Laramie	851	1,032	4	Laramie	877	1,078
200602	Lincoln	95	79	200604	Lincoln	102	89
90	Natrona	723	884	90	Natrona	747	882
Ŏ	Niobrara	21	12	ŏ	Niobrara	20	22
• • • • • • • • • • • • • • • • • • • •	Park	251	293	•	Park	264	296
	Platte	80	60		Platte	82	58
	Sheridan	261	291		Sheridan	264	291
	Sublette	31	27		Sublette	36	30
	Sweetwater	209	227		Sweetwater	221	237
	Teton	151	231		Teton	162	248
	Uinta	149	173		Uinta	156	175
	Washakie	77	71		Washakie	77	78
	Weston	43	40		Weston	45	44
	Unknown	610	48		Unknown	604	45
	Total	5,002	5,002		Total	5,138	5,138
	Albany	286	298		Albany	280	293
	Big Horn	103	96		Big Horn	106	88
	Campbell	311	347		Campbell	307	346
	Carbon	120	127		Carbon	118	115
	Converse	100	84		Converse	108	90
	Crook	44	59		Crook	39	56
	Fremont	308	325		Fremont	309	333
	Goshen	83	79		Goshen	87	85
	Hot Springs	56	55		Hot Springs	52	55
	Johnson	66	84		Johnson	67	86
•	Laramie	843	1,047	_	Laramie	892	1,094
2006Q3	Lincoln	101	86	200701	Lincoln	100	86
90	Natrona	742	888	70	Natrona	746	888
ŏ	Niobrara	18	18	ŏ	Niobrara	21	26
(1	Park	250	286	(4	Park	259	296
	Platte	82	60		Platte	81	60
	Sheridan	258	291		Sheridan	254	273
	Sublette	36	29		Sublette	32	34
	Sweetwater	222	241		Sweetwater	223	247
	Teton	154	250		Teton	159	237
	Uinta	151	169		Uinta	157	176
	Washakie	75	73		Washakie	74	80
	Weston	45	43		Weston	48	43
	Unknown	632	51		Unknown	605	37
	Total	5,086	5,086		Total	5,124	5,124



Map 1: Intercounty Commuting Inflow of Nurses to Sweetwater County, 2005Q4

Unknown Total

Map 2: Intercounty Commuting Outflow of Nurses from Sweetwater County, 2005Q4



Utah 3 **Unknown-WY** 6 Total 42

Nurses Leaving the Labor Market

by: Dr. Mark A. Harris, Sociologist

arket-level exit refers to an exit from Wyoming's labor market rather than an exit from an employer. This is an important distinction because if a nurse leaves an employer for another Wyoming employer, there is no net loss of nurses in the state. This may affect the employer but does not have an effect on the number of nurses working in the state. However, if a nurse leaves the labor market entirely, there is one less nurse working in the state, which adds to the shortage of nurses. The following tables and figures show market exits for nurses working in health care industries and other industries between 1999 and 2006.

Between first quarter 1999 (1999O1) and 2006O3 nurses who worked in health care-related industries and were age 45-54 had the greatest average number of market exits (44.3). Those age 65 and older had the lowest average number of exits (4.1; see Table 2). Similarly, nurses age 45-54 working in non-health care industries had the highest average number of market exits (36.7) while those age 65 and older had the lowest (3.2; see Table 3, page 73).

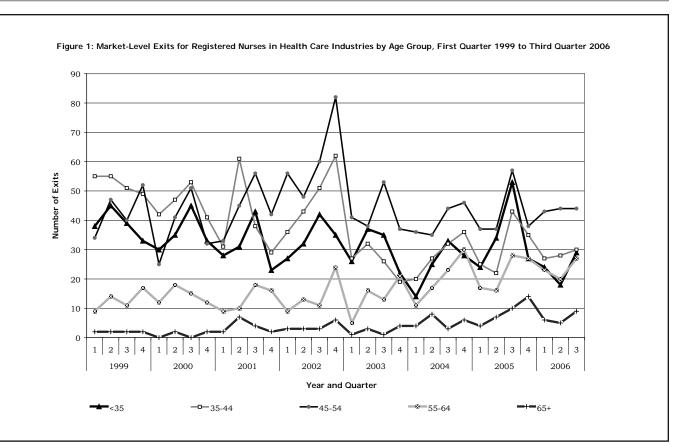
Table 2: Market-Level Exits for Wyoming Registered Nurses in Health Care Industries by Age Group, First Quarter 1999 to Third Quarter 2006

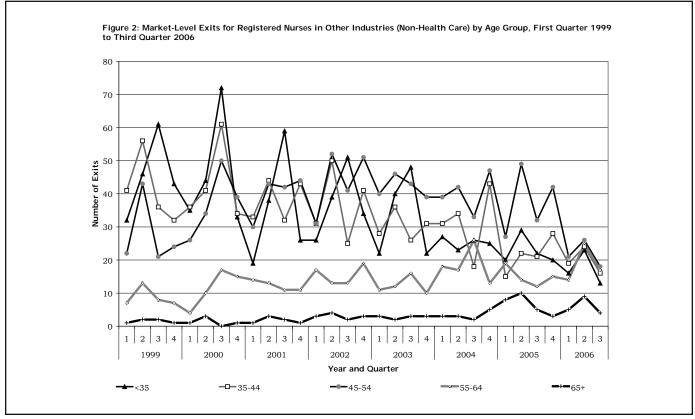
		Age Group							
Year	Quarter	<35	35-44	45-54	55-64	65+	Unknown	Total	
	1	38	55	34	9	2	9	147	
	2	45	55	47	14	2	10	173	
1999	3	39	51	40	11	2	10	153	
	4	33	49	52	17	2	11	164	
	1	30	42	25	12	0	7	116	
	2	35	47	41	18	2	13	156	
2000	3	45	53	51	15	0	13	177	
	4	33	41	32	12	2	5	125	
	1	28	31	33	9	2	5	108	
2001	2	31	61	45	10	7	8	162	
2001	3	43	38	56	18	4	18	177	
	4	23	29	42	16	2	13	125	
	1	27	36	56	9	3	15	146	
2002	2	32	43	48	13	3	9	148	
2002	3	42	51	60	11	3	8	175	
	4	35	62	82	24	6	6	215	
	1	26	27	41	5	1	3	103	
2003	2	37	32	38	16	3	4	130	
2003	3	35	26	53	13	1	9	137	
	4	22	19	37	21	4	5	108	
	1	14	20	36	11	4	9	94	
2004	2	25	27	35	17	8	8	120	
2004	3	33	32	44	23	3	8	143	
	4	28	36	46	30	6	6	152	
	1	24	25	37	17	4	22	129	
2005	2	34	22	37	16	7	20	136	
2000	3	53	43	57	28	10	24	215	
	4	27	35	38	27	14	19	160	
	1	24	27	43	23	6	18	141	
2006	2	18	28	44	20	5	21	136	
	3	29	30	44	27	9	23	162	
Average		31.9	37.8	44.3	16.5	4.1	11.6	146.2	

Between 1999Q1 and 2006Q3 the number of market exits for nurses younger than age 45 working in health care industries and in all other industries declined (see Figures 1 and 2, page 74). During this time the number of market exits stayed relatively stable for nurses age 45-54 but showed increases for those older than 55. This is possibly due to an aging nurse workforce. Wyoming nurses are aging and nearing the typical retirement age, which would then lead to a greater number of exits from the market.

Table 2: Market-Level Exits for Wyoming Registered Nurses in All Other Industries (Not Health Care) by Age Group, First Quarter 1999 to Third Quarter 2006

			Age Group						
Year	Quarter	<35	35-44	45-54	55-64	6 5+	Unknown	Total	
	1	32	41	22	7	1	2	105	
	2	46	56	43	13	2	6	166	
1999	3	61	36	21	8	2	7	135	
	4	43	32	24	7	1	11	118	
	1	35	36	26	4	1	7	109	
	2	44	41	34	10	3	3	135	
2000	3	72	61	50	17	0	14	214	
	4	33	34	39	15	1	10	132	
	1	19	33	30	14	1	3	100	
2004	2	38	44	43	13	3	9	150	
2001	3	59	32	42	11	2	12	158	
	4	26	43	44	11	1	5	130	
	1	26	31	31	17	3	6	114	
2002	2	39	50	52	13	4	3	161	
	3	51	25	41	13	2	11	143	
	4	34	41	51	19	3	3	151	
	1	22	28	40	11	3	4	108	
2002	2	40	36	46	12	2	6	142	
2003	3	48	26	43	16	3	7	143	
	4	22	31	39	10	3	9	114	
	1	27	31	39	18	3	6	124	
2004	2	23	34	42	17	3	8	127	
2004	3	26	18	33	26	2	3	108	
	4	25	43	47	13	5	16	149	
	1	20	15	27	19	8	11	100	
2005	2	29	22	49	14	10	8	132	
2005	3	22	21	32	12	5	21	113	
	4	20	28	42	15	3	20	128	
	1	16	19	21	14	5	16	91	
2006	2	23	24	26	25	9	18	125	
	3	13	16	18	17	4	27	95	
Average		33.4	33.2	36.7	13.9	3.2	9.4	129.7	





SD

Staffing Levels, Employment, and Employer-Level Exits in Ambulatory Health Care Services, Nursing & Residential Care Facilities, and Hospitals

by: Lisa Knapp, Research Analyst

Ambulatory Health Care Services

Overall, as shown in Table 4, a greater percentage of ambulatory health care

workers in South Dakota were employed as healthcare practitioners & technical occupations (50.2% compared to 41.9% in Wyoming) while a greater percentage

WY I

Table 4: Occupational Staffing Levels for South Dakota and Wyoming, Ambulatory Health Care Services (NAICS^a 621), May 2005

Standard Occupational Classification Title and Code	Wyoming Employment	Column Percentage	WY Hourly Mean Wage	South Dakota Employment		Hourly Mean Wage
Management (11)	168	2.3%	\$28.92	224	1.8%	\$35.46
Business & Financial Operations (13)	24	0.3%	\$21.13	121	1.0%	\$19.21
Computer & Mathematical (15)	11	0.1%	\$17.03	27	0.2%	\$19.33
Architecture & Engineering (17)	ND	ND	ND	ND	ND	ND
Life, Physical, & Social Science (19)	68	0.9%	\$29.43	58	0.5%	\$30.73
Community & Social Services (21)	397	5.4%	\$17.61	324	2.6%	\$13.81
Legal (23)	ND	ND	ND	ND	ND	ND
Education, Training, & Library (25)	ND	ND	ND	ND	ND	ND
Arts, Design, Entertainment, Sports, & Media (27)	ND	ND	ND	ND	ND	ND
Healthcare Practitioners & Technical (29)	3,095	41.9%	\$34.90	6,336	50.2%	\$30.96
Registered Nurses (29-1111)	717	9.7%	\$21.99	1,515	12.0%	\$19.32
LPN/LVN (29-2061)	134	1.8%	\$13.98	674	5.3%	\$13.34
Healthcare Support (31)	1,416	19.2%	\$11.48	1,982	15.7%	\$11.46
Home Health Aides (31-1011)	131	1.8%	\$10.70	158	1.2%	\$9.07
Nurse Aides, Orderlies, & Attendants (31-1012)	ND	ND	ND	131	1.0%	\$8.68
Protective Service (33)	ND	ND	ND	ND	ND	ND
Food Preparation & Serving Related (35)	ND	ND	ND	ND	ND	ND
Building & Grounds Cleaning & Maintenance (37)	61	0.8%	\$9.54	162	1.3%	\$8.05
Personal Care & Service (39)	36	0.5%	\$8.39	176	1.4%	\$8.38
Sales & Related (41)	ND	ND	ND	ND	ND	ND
Office & Administrative Support (43)	2,063	27.9%	\$11.87	3,098	24.5%	\$11.67
Construction & Extraction (47)	ND	ND	ND	ND	ND	ND
Installation, Maintenance, & Repair (49)	ND	ND	ND	38	0.3%	\$15.11
Production (51)	ND	ND	ND	27	0.2%	\$9.97
Transportation & Material Moving (53)	29	0.4%	\$10.40	35	0.3%	\$13.42
Total, All Occupations	7,388	99.7%	\$22.23	12,630	99.8%	\$21.92

^aNorth American Industry Classification System.

Prepared by Lisa Knapp, Research Analyst, Wyoming Department of Employment, Research & Planning, April 18, 2007.

ND - Not disclosable due to confidentiality.

of ambulatory health care workers in Wyoming worked in healthcare support occupations (19.2% compared to 15.7% in South Dakota). In particular, there was a greater proportion of health care personnel employed as registered nurses in South Dakota (12.0%) than in Wyoming (9.7%).

Wages for health care-related occupations were somewhat higher in Wyoming than in South Dakota. Registered nurses in Wyoming were paid an average of \$21.99 per hour while registered nurses in South Dakota were paid an average of \$19.32 per hour. Similarly, nurse aides, orderlies, & attendants in Wyoming earned an average of \$10.70 per hour and those in South Dakota earned an average of \$9.07 per hour.

The average age of Wyoming nurses working in ambulatory care, according to results from the 2007 Wyoming Department of Employment Health Care Personnel Survey, was 50.5 years (see Table 5). Only 10.9% of those nurses were younger than 35 while the other 84.4% were older. Of those older than age 34, 58.6% were between the ages of 35 and 54 and the other 25.8% were 55 or older.

The rate of employer-level turnover for ambulatory health care nurses was highest for those who were younger than age 35 and, until recently, lowest for nurses age 55 and older (see Table 6, page 77, and Figure 3, page 78). Although the rate of turnover declined between 2000 and 2006 for most age groups, it increased for nurses age 55 and older.

Nursing & Residential Care Facilities

A greater proportion of employees working in nursing & residential care facilities in South Dakota worked in healthcare practitioner or technical occupations compared to those in Wyoming (15.2% compared to 12.0%; see Table 7, page 79). A higher percentage of employees in this industry worked as registered nurses in South Dakota (8.7%) than in Wyoming (6.3%). Although a higher proportion of nursing & residential care facilities employees in Wyoming were employed in healthcare support occupations (35.4% compared to 33.1% in South Dakota), a greater proportion of South Dakota workers were employed as nursing aides, orderlies, & attendants (30.8%) than were Wyoming workers

Table 5: Distribution of Employment in Ambulatory Health Care Services (NAICS^a 621) by Age Group, 2007^b

Age	n	%
20-24	2	0.5%
25-34	45	10.4%
35-44	114	26.3%
45-54	140	32.3%
55-64	92	21.2%
65+	20	4.6%
Unknown	21	4.8%

Analysis Variable: Age n Mean 434 50.5

^aNorth American Industry Classification System.

^bWyoming Department of Employment Health Care Personnel Survey, 2007.

Note: Percentages may not sum to 100.0% due to rounding.

(23.5%). As was the case with hospitals, a greater proportion of hospital workers in Wyoming were employed in management occupations (6.2%) than in South Dakota (2.2%).

Overall, Wyoming nursing & residential care workers in healthcare practitioner & technical occupations earned a higher average hourly wage than those in South Dakota (\$19.86 per hour compared to \$17.01 per hour). Registered nurses in Wyoming earned an average of \$21.95 per hour while registered nurses in South Dakota earned an average of \$18.88 per hour.

Table 6: Employer-Level Turnover Rates for Wyoming Registered Nurses in Ambulatory Health Care Services by Age Group, First Quarter 2000 to Fourth Quarter 2006

Retention of Nurses in Wyoming

			Age Group					
Year	Quarter	Under 35	35-44	45-54	55 and Older	Unknown	Total	
	1	16.9	16.5	15.5	13.9	0.0	15.9	
2000	2	16.2	17.0	13.3	11.0	62.5	15.6	
2000	3	19.6	13.2	17.9	8.5	62.5	16.1	
	4	18.3	16.5	15.7	19.5	33.3	17.1	
	1	23.8	14.2	13.1	17.3	11.1	16.1	
2001	2	16.0	15.5	13.2	16.7	53.3	15.8	
2001	3	20.5	17.9	15.1	11.3	50.0	17.4	
	4	25.7	16.7	17.7	21.5	20.0	19.5	
	1	20.4	16.4	13.3	12.1	50.0	16.3	
2002	2	18.6	16.2	14.7	14.1	62.5	16.4	
2002	3	16.3	13.2	13.5	6.6	16.7	13.1	
	4	14.4	15.1	13.4	10.1	60.0	13.9	
	1	14.6	12.6	11.6	3.3	0.0	11.2	
2002	2	18.5	11.1	15.7	11.8	30.0	14.5	
2003	3	24.0	12.3	15.8	11.4	41.7	16.0	
	4	20.9	16.5	16.9	15.0	7.7	17.0	
	1	13.3	10.5	10.2	7.0	29.4	10.6	
0004	2	20.4	10.6	13.6	18.7	35.0	15.3	
2004	3	18.7	15.7	13.4	14.6	27.8	15.5	
	4	21.1	14.6	13.7	16.3	26.1	16.0	
	1	9.9	9.5	10.2	9.1	36.4	10.5	
2005	2	22.8	13.5	9.7	12.0	31.6	13.9	
2005	3	20.8	12.7	13.5	17.8	31.6	15.5	
	4	16.8	14.3	12.4	13.8	20.0	14.0	
	1	12.5	12.2	13.5	10.7	22.2	12.7	
2006	2	8.2	13.6	13.8	11.4	18.5	12.7	
2006	3	15.8	13.8	8.8	12.9	30.0	12.9	
	4	9.8	12.6	10.3	12.9	33.3	12.0	
Average	е	17.4	14.8	13.6	12.8	37.5	15.1	

Wyoming employees working in healthcare support occupations also earned somewhat higher wages compared to those in South Dakota (\$9.89 per hour compared to \$9.09). Nurse

aides, orderlies & attendants in Wyoming nursing & residential care facilities earned an average of \$10.10 per hour while those in South Dakota facilities earned an average of \$9.07.

Nurses in nursing & residential care facilities who participated in the Wyoming Department of Employment's Health Care Personnel Survey had the highest average age at 52.6 (see Table 8, page 80). Approximately 37.5% of these nurses were older than age 55 and another 43.9% were between the ages of 35 and 54. Only 13.7% were younger than age 35.

Overall, turnover in nursing & residential care facilities decreased between 2000 and 2006 for nurses who were younger than 35 and nurses who were older than age 55 (see Table 9, page 80, and Figure 4, page 81). This was the only industry that saw decreases in turnover for the oldest age group. There was an increase in turnover for nurses in the middle ages (35-54).

Hospitals

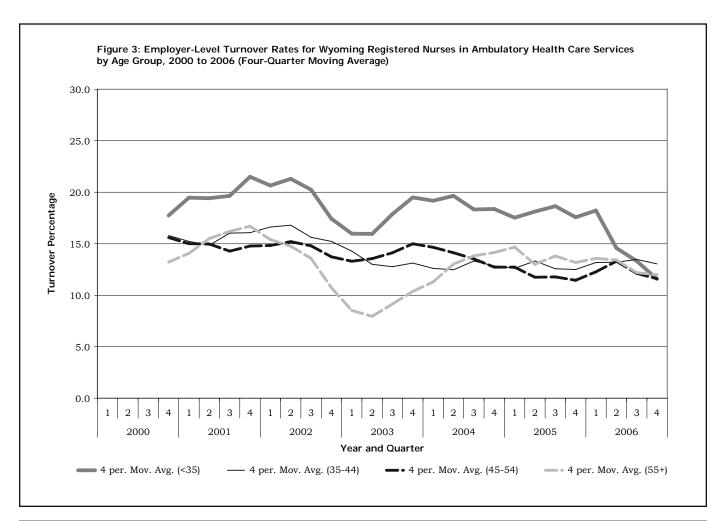
In South Dakota, according to Table 10 (see page 82), a greater proportion of hospital workers were employed in healthcare practitioner & technical occupations compared to Wyoming hospitals (49.1% compared to 42.7%). South Dakota hospitals employed 4.4%

more registered nurses in 2005 (27.4%) than did Wyoming hospitals (23.0%). In comparison, a greater proportion of employees in Wyoming hospitals worked in healthcare support occupations (19.2% compared to 15.4%). Wyoming hospitals employed 3.1% more nurse aides, orderlies, & attendants (14.1%) than South Dakota hospitals did (10.3%). In addition, a greater proportion of Wyoming hospital workers were employed in management positions (5.6%) compared to South Dakota.

The wages for workers in healthcare practitioner & technical occupations in both Wyoming and South Dakota hospitals were very close, but registered nurses in hospitals earned an average of almost a dollar more

per hour in South Dakota (\$24.43) than in Wyoming (\$23.44). In comparison, Wyoming workers in healthcare support occupations earned slightly higher average hourly wages in Wyoming (\$11.03) than in South Dakota (\$10.41). Nurse aides, orderlies, & attendants also earned slightly more in Wyoming (\$10.06) than in South Dakota (\$9.78).

The average age of nurses working in Wyoming hospitals, according to the 2007 Wyoming Department of Employment Health Care Personnel Survey, was 50.8 (see Table 11, page 83). A majority of these nurses were older than age 35 (75.2%). Of those nurses who were older than age 35, 53.3% were between the ages of 35 and 54 and the



other 21.9% were older than 55. Compared to ambulatory health care services and nursing & residential care facilities, hospitals employed the greatest percentage of nurses younger than age 35 (16.9%).

Hospitals had the lowest levels of turnover for all age groups when compared to ambulatory health care services and nursing & residential care facilities (see Table 12, page 83, and Figure 5, page 84). Over time the turnover rates for hospitals in the state remained well below 10.0%. Of all the age groups, nurses younger than age 35 had the highest rates of turnover and, as with those

Table 4: Occupational Staffing Levels for Wyoming and South Dakota in Nursing & Residential Care Facilities (NAICS^a 623), May 2005

Standard Occupational Classification Title and Code	Wyoming Employment	Column Percentage	WY Hourly Mean Wage	South Dakota Employment		SD Hourly Mean Wage
Management (11)	272	6.2%	\$21.89	289	2.2%	\$25.42
Business & Financial Operations (13)	19	0.4%	\$18.18	81	0.6%	\$17.57
Computer & Mathematical (15)	ND	ND	ND	587	4.5%	\$13.95
Life, Physical, & Social Science (19)	33	0.8%	\$22.28	ND	ND	ND
Community & Social Services (21)	718	16.5%	\$10.82	ND	ND	ND
Legal (230000)	ND	ND	ND	ND	ND	ND
Education, Training, & Library (25)	33	0.8%	\$15.59	66	0.5%	\$14.35
Arts, Design, Entertainment, Sports, & Media (27)	ND	ND	ND	12	0.1%	\$14.41
Healthcare Practitioners & Technical (29)	523	12.0%	\$19.86	1,972	15.2%	\$17.01
Registered Nurses (29-1111)	275	6.3%	\$21.95	1,122	8.7%	\$18.88
LPN/LVN (29-2061)	181	4.1%	\$17.01	630	4.9%	\$13.99
Healthcare Support (31)	1,547	35.4%	\$9.89	4,288	33.1%	\$9.09
Home Health Aides (31-1011)	ND	ND	ND	216	1.7%	\$8.76
Nurse Aides, Orderlies, & Attendants (31-3012)	1,024	23.5%	\$10.10	3,986	30.8%	\$9.07
Protective Service (33)	ND	ND	ND	ND	ND	ND
Food Preparation & Serving-Related (35)	356	8.2%	\$8.61	1,724	13.3%	\$8.49
Building & Grounds Cleaning & Maintenance (37)	221	5.1%	\$8.30	807	6.2%	\$8.70
Personal Care & Service (39)	277	6.4%	\$9.96	2,093	16.2%	\$9.34
Sales & Related (41)	ND	ND	ND	ND	ND	ND
Office & Administrative Support (43)	202	4.6%	\$12.01	515	4.0%	\$10.87
Farming, Fishing, & Forestry (45)	ND	ND	ND	ND	ND	ND
Construction & Extractions (47)	ND	ND	ND	ND	ND	ND
Installation, Maintenance, & Repair (49)	51	1.2%	\$13.24	174	1.3%	\$11.94
Production (51)	55	1.3%	\$8.90	291	2.2%	\$8.32
Transportation & Material Moving (53)	ND	ND	ND	35	0.3%	\$8.32
Total, All Occupations	4,365	98.7%	\$12.07	12,957	99.8%	\$11.10

^aNorth American Industry Classification System.

Prepared by Lisa Knapp, Research Analyst, Wyoming Department of Employment, Research & Planning, April 18, 2007.

ND - Not disclosable due to confidentiality.

Table 8: Distribution of Employment in Nursing & Residential Care Facilities (NAICS^a 623) by Age Group, 2007^b

	n	%
20-24	3	1.1%
25-34	36	12.6%
35-44	43	15.1%
45-54	82	28.8%
55-64	93	32.6%
65+	14	4.9%
Unknown	14	4.9%

Analysis Variable: Age

n	Mean	
285	52.6	

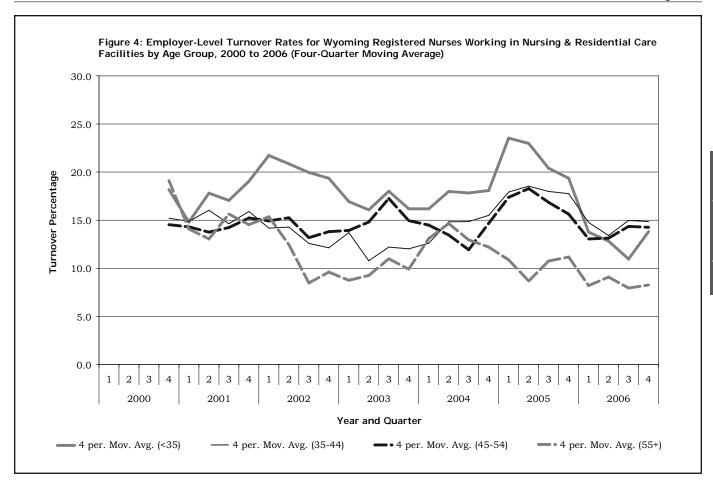
^aNorth American Industry Classification System.

in ambulatory health care, the turnover rates of those age 55 and older had the lowest levels of turnover until recently. This increase in turnover rate is likely due to an increase in retirement.

Table 9: Employer-Level Turnover Rates for Wyoming Registered Nurses in Nursing & Residential Care Facilities by Age Group, First Quarter 2000 to Fourth Quarter 2006

Year	Quarter	Under 35	35-44	45-54	55 and Older	Unknown	Total
	1	25.0	15.4	16.8	27.9	0.0	19.1
2000	2	11.1	15.6	10.8	22.0	100.0	14.5
2000	3	22.6	21.3	20.3	11.9	50.0	20.2
	4	14.0	8.5	10.2	14.6	0.0	10.8
	1	11.5	14.1	15.9	7.8	50.0	13.6
2001	2	23.1	20.2	8.6	17.9	0.0	16.2
2001	3	19.6	15.7	22.2	22.2	33.3	19.9
	4	22.0	13.6	14.2	10.2	50.0	15.5
	1	22.2	7.2	14.7	11.1	25.0	13.0
2002	2	19.6	20.6	9.9	6.3	66.7	14.4
2002	3	16.0	8.9	13.9	6.3	66.7	11.9
	4	19.6	11.8	16.7	14.7	0.0	15.3
	1	12.5	13.5	15.2	7.7	50.0	13.0
2002	2	16.2	8.9	13.4	8.3	0.0	11.7
2003	3	23.7	14.6	23.7	13.2	33.3	19.2
	4	12.3	11.1	7.5	10.4	50.0	10.3
	1	12.5	15.8	13.3	20.5	33.3	15.6
2004	2	23.4	17.8	9.3	14.5	0.0	15.3
2004	3	23.1	14.7	17.6	6.4	50.0	16.0
	4	13.3	13.7	18.5	7.4	14.3	13.9
	1	34.3	25.5	24.1	15.2	54.5	25.0
2005	2	21.2	20.2	12.9	5.7	16.7	14.1
2003	3	12.8	12.5	11.9	14.7	28.6	13.2
	4	9.1	12.8	13.6	9.1	40.0	12.5
	1	11.9	13.5	13.8	3.3	16.7	10.9
2006	2	17.5	14.8	13.2	9.2	23.1	13.3
2000	3	5.3	18.8	16.8	10.2	14.3	14.0
	4	20.5	12.3	13.2	10.3	41.7	14.2
Average		17.8	14.4	13.6	11.5	35.3	14.7

^bWyoming Department of Employment Health Care Personnel Survey, 2007.



Retention of Nurses in Wyoming

Table 10: Occupational Staffing Levels for Wyoming and South Dakota Hospitals (NAICS^a 622), May 2005

Standard Occupational Classification Title and Code	Wyoming Employment	Column Percentage	WY Hourly Mean Wage	South Dakota Employment	Column Percentage	SD Hourly Mean Wage
Management (11)	505	5.6%	\$33.91	467	2.4%	\$40.01
Business & Financial Operations (13)	103	1.1%	\$21.71	338	1.7%	\$21.99
Computer & Mathematical (15)	52	0.6%	\$19.76	246	1.3%	\$23.69
Architecture & Engineering (17)	ND	ND	ND	ND	ND	ND
Life, Physical, & Social Science (19)	40	0.4%	\$24.60	35	0.2%	\$32.74
Community & Social Services (21)	150	1.7%	\$20.11	406	2.1%	\$19.12
Legal (23)	ND	ND	ND	ND	ND	ND
Education, Training, & Library (25)	ND	ND	ND	ND	ND	ND
Arts, Design, Entertainment, Sports, & Media (27)	ND	ND	ND	65	0.3%	\$19.52
Healthcare Practitioners & Technical (29)	3,836	42.7%	\$23.03	9,524	49.1%	\$23.32
Registered Nurses (29-1111)	2,065	23.0%	\$23.44	5,304	27.4%	\$24.43
LPN/LVN (29-2061)	211	2.4%	\$15.32	496	2.6%	\$14.11
Healthcare Support (31)	1,727	19.2%	\$11.03	2,982	15.4%	\$10.41
Home Health Aides (31-1011)	32	0.4%	\$9.93	112	0.6%	\$9.35
Nurse Aides, Orderlies, & Attendants (31-1012)	1,264	14.1%	\$10.06	1,998	10.3%	\$9.78
Protective Service (33)	85	0.9%	\$12.23	85	0.4%	\$12.92
Food Preparation & Serving Related (35)	436	4.9%	\$9.16	886	4.6%	\$9.51
Building & Grounds Cleaning & Maintenance (37)	445	5.0%	\$9.91	888	4.6%	\$9.87
Personal Care & Service (39)	138	1.5%	\$12.13	397	2.0%	\$10.54
Sales & Related (41)	ND	ND	ND	ND	ND	ND
Office & Administrative Support (43)	1,127	12.5%	\$11.97	2,336	12.1%	\$11.96
Construction & Extraction (47)	12	0.1%	\$22.44	33	0.2%	\$19.26
Installation, Maintenance, & Repair (49)	132	1.5%	\$15.95	263	1.4%	\$16.84
Production (51)	80	0.9%	\$9.89	198	1.0%	\$11.09
Transportation & Material Moving (53)	ND	ND	ND	142	0.7%	\$13.13
Total, All Occupations	8,980	98.8%	\$17.84	19,377	99.6%	\$18.45

^aNorth American Industry Classification System.

Prepared by Lisa Knapp, Research Analyst, Wyoming Department of Employment, Research & Planning, April 18, 2007.

ND - Not disclosable due to confidentiality.

Table 11: Distribution of Employment in Hospitals (NAICS^a 622) by Age Group, 2007^b

Age Group	n	%
20-24	12	0.7%
25-34	262	16.2%
35-44	317	19.6%
45-54	545	33.7%
55-64	329	20.3%
65+	26	1.6%
Unknown	125	7.7%

Analysis Variable: Age

n Mean 1,616 50.8

Note: Percentages may not sum to 100.0% due to rounding.

Table 12: Employer-Level Turnover Rates for Registered Nurses in Hospitals by Age Group, First Quarter 2000 to Fourth Quarter 2006

Year	Quarter	Under 35	35-44	45-54	55 and Older	Unknown	Total
	1	3.3	4.0	3.1	2.2	63.6	3.7
2000	2	6.9	6.2	4.9	5.6	66.7	6.1
2000	3	7.9	7.2	5.1	5.0	53.8	6.7
	4	8.1	6.0	4.0	3.4	21.4	5.6
	1	5.4	4.2	3.8	3.3	18.2	4.4
2001	2	7.4	8.0	5.4	4.0	25.9	6.8
2001	3	9.2	5.5	6.0	6.0	31.3	6.9
	4	4.7	4.3	4.2	4.2	32.1	4.7
	1	5.7	6.2	5.8	2.7	41.7	5.9
0000	2	7.7	6.8	5.7	5.6	25.0	6.6
2002	3	10.8	10.3	9.6	7.1	28.6	9.9
	4	11.2	9.5	8.8	8.7	16.7	9.6
	1	3.5	3.8	3.5	1.9	11.8	3.4
	2	6.3	6.1	4.8	3.2	11.1	5.4
2003	3	4.8	3.1	3.2	3.9	22.7	3.8
	4	5.4	3.3	3.2	4.4	11.5	4.0
	1	3.5	4.7	5.4	3.7	11.1	4.6
	2	4.5	5.4	4.7	2.9	12.5	4.7
2004	3	6.1	4.6	4.0	5.1	7.5	4.9
	4	5.2	5.2	4.0	7.0	5.8	5.1
	1	4.6	3.1	3.7	5.1	16.4	4.3
	2	6.4	4.2	4.4	4.9	17.7	5.3
2005	3	11.1	7.6	7.2	5.8	19.6	8.4
	4	5.3	5.7	4.0	7.1	13.6	5.6
	1	6.6	4.7	4.5	6.5	14.2	5.8
000	2	5.7	4.9	4.9	4.7	13.0	5.5
2006	3	6.6	4.8	4.5	4.4	13.4	5.5
	4	4.9	4.6	2.8	2.6	11.4	4.0
Average		6.8	5.8	4.8	4.8	21.8	5.9

^aNorth American Industry Classification System.

^bWyoming Department of Employment Health Care Personnel Survey, 2007.

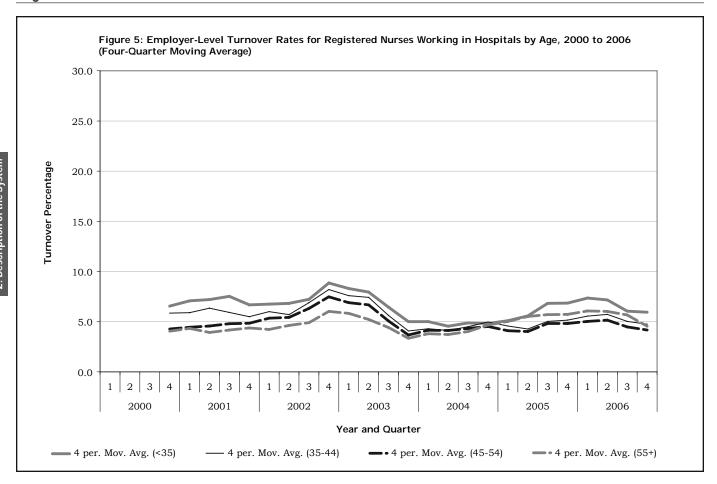


Table 13: Occupational Staffing Levels for Wyoming and the United States, Ambulatory Care (NAICSa 621), May 2005

Retention of Nurses in Wyoming

Occupation	Wyoming Employment ^b	Column Percent ^c	Wyoming Hourly Mean Wage ^d	U.S. Employment ^d	Column Percent ^c	U.S. Hourly Mean Wage
Management (11)	168	2.3%	\$28.92	131,910	2.6%	\$38.68
Business and Financial Operations (13)	24	0.3%	\$21.13	46,490	0.9%	\$25.16
Computer and Mathematical (15)	11	0.1%	\$17.03	17,360	0.3%	\$24.83
Architecture and Engineering (17)	ND	ND	ND	650	0.0%	\$30.64
Life, Physical, and Social Science (19)	68	0.9%	\$29.43	35,860	0.7%	\$33.72
Community and Social Services (21)	397	5.4%	\$17.61	153,770	3.0%	\$17.82
Legal (23)	ND	ND	ND	ND	ND	ND
Education, Training, and Library (25	ND	ND	ND	6,250	0.1%	\$18.47
Arts, Design, Entertainment, Sports, and Media (27)	ND	ND	ND	4,920	0.1%	\$20.10
Healthcare Practitioner and Technical (29)	3,095	41.9%	\$34.90	1,861,410	36.8%	\$36.74
Registered Nurses (291111)	717	9.7%	\$21.99	408,180	8.1%	\$26.80
Licensed Practical and Licensed Vocational Nurses (292061)	134	1.8%	\$13.98	164,420	3.2%	\$16.70
Healthcare Support (31)	1,416	19.2%	\$11.48	1,041,150	20.6%	\$12.41
Home Health Aides (311011)	131	1.8%	\$10.70	232,500	4.6%	\$9.08
Nursing Aides, Orderlies, and Attendants (311012)	ND	ND	ND	66,140	1.3%	\$10.68
Protective Service (33)	ND	ND	ND	2,830	0.1%	\$12.66
Food Preparation and Serving Related (35)	ND	ND	ND	3,620	0.1%	\$10.35
Building and Grounds Cleaning and Maintenance (37)	61	0.8%	\$9.54	30,570	0.6%	\$9.98
Personal Care and Service (39)	36	0.5%	\$8.39	215,990	4.3%	\$7.90
Sales and Related (41)	ND	ND	ND	16,740	0.3%	\$21.94
Office and Administrative Support (43)	2,063	27.9%	\$11.87	1,442,060	28.5%	\$13.57
Construction and Extraction (47)	ND	ND	ND	ND	ND	ND
Installation, Maintenance, and Repair (49)	ND	ND	ND	10,920	0.2%	\$16.04
Production (51)	ND	ND	ND	16,160	0.3%	\$15.93
Transportation and Material Moving (53)	29	0.4%	\$10.40	22,700	0.4%	\$12.17
Total, all Occupations	7,388	99.7%	\$22.23	5,064,630	99.9%	\$22.69

^aNorth American Industry Classification System.

ND: No data available.

^bData the Estimate Delivery System (EDF)

^dData from BLS OES search table (http://data.bls.gov/oes/search.jsp?data_tool=OES)

 $^{^{\}mathrm{c}}$ Totals may not equal 100% due to rounding error

^dWyoming wages compared to U.S. wages

Table 14: Occupational Staffing Levels for Wyoming and the U	.S., Hosp	itals (NA	AICS ^a 62	2), May 200)5	
Occupation	Wyoming Employment ^b	Column Percentc	WY Hourly Mean Wage	U.S. Employment ^d	Column Percent ^c	U.S. Hourly Mean Wage
Management (11)	505	5.6%	\$33.91	180,990	3.4%	\$39.25
Business and Financial Operations (13)	103	1.1%	\$21.71	85,730	1.6%	\$24.05
Computer and Mathematical (15)	52	0.6%	\$19.76	47,550	0.9%	\$27.12
Architecture and Engineering (17)	ND	ND	ND	4,680	0.1%	\$26.76
Life, Physical, and Social Science (19)	40	0.4%	\$24.60	30,390	0.6%	\$28.07
Community and Social Services (21)	150	1.7%	\$20.11	125,570	2.4%	\$20.21
Legal (23)	ND	ND	ND	1,020	0.0%	\$39.85
Education, Training, and Library (25)	12	0.1%	\$20.55	25,130	0.5%	\$25.52
Arts, Design, Entertainment, Sports, and Media (27)	ND	ND	ND	9,200	0.2%	\$20.34
Healthcare Practitioner and Technical (29)	3,836	42.7%	\$23.03	2,701,560	51.5%	\$25.99
Registered Nurses (291111)	2,065	23.0%	\$23.44	1,424,860	27.2%	\$27.76
Licensed Practical and Licensed Vocational Nurses (292061)	211	2.4%	\$15.32	187,420	3.6%	\$16.70
Healthcare Support (31)	1,727	19.2%	\$11.03	690,930	13.2%	\$11.98
Home Health Aides (311011)	32	0.4%	\$9.93	18,470	0.4%	\$10.88
Nursing Aides, Orderlies, and Attendants (311012)	1,264	14.1%	\$10.06	403,500	7.7%	\$11.09
Protective Service (33)	85	0.9%	\$12.23	46,150	0.9%	\$13.92
Food Preparation and Serving Related s(35)	436	4.9%	\$9.16	152,340	2.9%	\$10.46
Building and Grounds Cleaning and Maintenance (37)	445	5.0%	\$9.91	194,880	3.7%	\$10.34
Personal Care and Service (39)	138	1.5%	\$12.13	24,470	0.5%	\$11.68
Sales and Related (41)	ND	ND	ND	12,150	0.2%	\$13.37
Office and Administrative Support (43)	1,127	12.5%	\$11.97	797,590	15.2%	\$13.74
Construction and Extraction (47)	12	0.1%	\$22.44	15,060	0.3%	\$21.94
Installation, Maintenance, and Repair (49)	132	1.5%	\$15.95	55,780	1.1%	\$17.24
Production (51)	80	0.9%	\$9.89	28,510	0.5%	\$14.47
Transportation and Material Moving (53)	ND	ND	ND	16,940	0.3%	\$12.40
Total, all Occupations	8,980	98.9%	\$17.84	5,246,630	100.0%	\$21.10

^aNorth American Industry Classification System.

^bData from the Estimate Delivery System (EDS)

 $^{^{\}rm c}\! \text{Totals}$ may not equal 100% due to rounding error and nondisclosable data.

^dData from BLS OES search table (http://data.bls.gov/oes/search.jsp?data_tool=OES)

ND: No data available.

Table 15: Occupational Staffing Levels for Wyoming and the U.S. in Nursing & Residential Care Facilities (NAICSa 623), May 2005

Retention of Nurses in Wyoming

Occupation	Wyoming Employment ^b	Column Percent ^c	Wyoming Hourly Mean Wage	U.S. Employment ^d	Column Percent ^c	U.S. Hourly Mean Wage
Management (11)	272	6.2%	\$21.89	94,830	3.3%	\$30.05
Business and Financial Operations (13)	19	0.4%	\$18.18	21,490	0.8%	\$21.89
Computer and Mathematical (15)	ND	ND	ND	2,000	0.1%	\$23.82
Life, Physical, and Social Science 19)	33	0.8%	\$22.28	5,180	0.2%	\$24.29
Community and Social Services (21)	718	16.5%	\$10.82	192,610	6.8%	\$13.93
Legal (23)	ND	ND	ND	200	0.0%	\$30.52
Education, Training, and Library (25)	33	0.8%	\$15.59	11,870	0.4%	\$15.39
Arts, Design, Entertainment, Sports, and Media (27)	ND	ND	ND	2,340	0.1%	\$20.25
Healthcare Practitioner and Technical (29)	523	12.0%	\$19.86	472,460	16.6%	\$20.72
Registered Nurses (291111)	275	6.3%	\$21.95	157,870	5.6%	\$24.53
Licensed Practical and Licensed Vocational Nurses (292061)	181	4.1%	\$17.01	234,090	8.2%	\$17.99
Healthcare Support (31)	1,547	35.4%	\$9.89	1,060,230	37.3%	\$10.11
Home Health Aides (311011)	ND	ND	ND	254,340	9.0%	\$9.16
Nursing Aides, Orderlies, and Attendants (311012)	1,024	23.5%	\$10.10	759,650	26.7%	\$10.23
Protective Service (33)	ND	ND	ND	12,590	0.4%	\$10.62
Food Preparation and Serving Related (35)	356	8.2%	\$8.61	304,800	10.7%	\$9.29
Building and Grounds Cleaning and Maintenance (37)	221	5.1%	\$8.30	170,710	6.0%	\$9.48
Personal Care and Service (39)	277	6.4%	\$9.96	241,610	8.5%	\$10.21
Sales and Related (41)	ND	ND	ND	4,290	0.2%	\$19.01
Office and Administrative Support (43)	202	4.6%	\$12.01	144,840	5.1%	\$13.17
Farming, Fishing, and Forestry (45)	ND	ND	ND	140	0.0%	\$10.08
Construction and Extraction (47)	ND	ND	ND	600	0.0%	\$15.75
Installation, Maintenance, and Repair (49)	51	1.2%	\$13.24	41,290	1.5%	\$13.83
Production (51)	55	1.3%	\$8.90	44,100	1.6%	\$8.84
Transportation and Material Moving (53)	ND	ND	ND	11,770	0.4%	\$10.14
Total, all Occupations	4,365	98.7%	\$12.07	2,840,000	100.0%	\$13.07

^aNorth American Industry Classification System. ^bData from the Estimate Delivery System (EDS).

[°]Totals may not equal 100% due to rounding error or nondiscloseable data.

 $^{{}^{\}rm d} Data \ from \ BLS \ OES \ search \ table \ (http://data.bls.gov/oes/search.jsp?data_tool=OES)$

ND: No data available.

Using Administrative Databases to Document the Source of Nurse Hires and Destination of Nurse Exits among Health Care Subsectors in Wyoming

by: Dr. Mark A. Harris, Sociologist

xamining the work history of registered nurses (RNs) in health care helps define the labor market for RNs working in Wyoming. The analysis reveals both in-state and external sources of labor and illuminates the dependencies and interrelationships among health care subsectors in the use of RN labor. Understanding market hiring patterns may be particularly useful for establishments looking to fill RN vacancies. Likewise, the distinct patterns in the destination location (i.e., where a nurse subsequently goes to work after leaving an employer) may provide useful hints about the reasons for turnover. The approach presented here is generic and can be applied to any number of occupations and industries provided that administrative data can be made available to Research and Planning (R&P) that identifies a person's occupation. The advantage of the administrative technique used here is that it is relatively low-cost compared to collecting survey data, it does not require that nurses or their employers be contacted personally, and it can be repeated quarterly to accumulate trends and identify patterns.

Data

Data used for this study included Unemployment Insurance (UI) wage records for Wyoming and partner research states (identified below), the Wyoming Quarterly Census of Employment and Wages (QCEW), the Wyoming Department of Transportation's Driver's License database, and the Nursing Licensure database provided by the Wyoming Board of Nursing. The UI wage records identified a person's work history and employers, while the

QCEW identified the employer's industry and ownership. Driver's license records showed a worker's age and gender and the nursing database identified RNs.

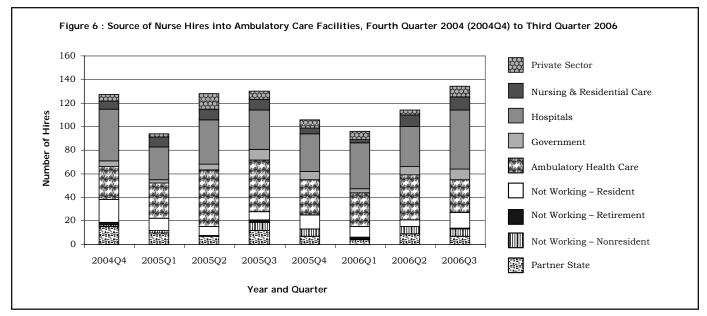
Method

The method for tracking nurses was developed previously (Harris, 2006). The source and destination time frame was limited to the four quarters prior to and after the quarter in which a nurse was hired or exited (Glover, 2001). Primary employer was defined as the employer paying the highest wages. In cases where nurses were not employed prior to being hired or after exiting, they were categorized as Not Working. As defined here, health care establishments included three North American Industry Classification System (NAICS) subsectors; specifically, ambulatory health care services (621), hospitals (622), and nursing & residential care facilities (623).

Category Definitions

The category of *partner research state*, for purposes of this analysis, included Alaska, Colorado, Idaho, Montana, Nebraska, New Mexico, South Dakota, and Utah. All states bordering Wyoming were included. No report was made of the industry or ownership status of the out-of-state firms in question.

Wyoming resident status (resident and nonresident) was determined by a methodology developed by Jones (2004). Residency status applied during the quarter in which a nurse was hired or exited. Retirement referred to Wyoming residents who were 65 or older.



Government included establishments that were publicly owned. Health care establishments can be publicly owned (e.g., a county-owned hospital), but for purposes of this analysis were not included in Government. The category of Private Sector represented Wyoming establishments privately owned but excluded any health care establishments.

Findings

All three health care subsectors in Wyoming hired RNs from a variety of sources and lost RN exiters to a variety of destinations. However, ambulatory health care and nursing & residential care establishments circulated RN labor within a more local market among existing resident nurses. Hospitals, on the other hand, were more heavily involved in an interstate market for RNs and were more likely to hire RNs who were Wyoming residents but had not previously worked as a nurse.

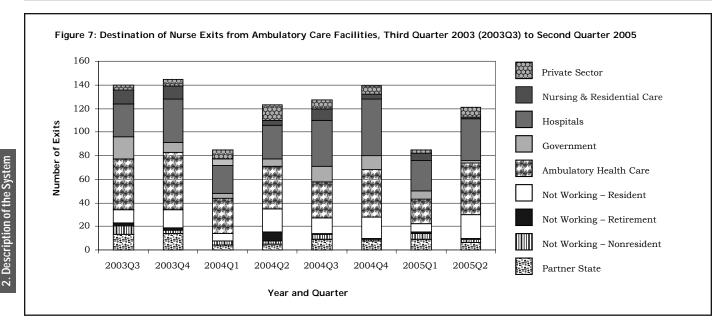
Ambulatory Health Care Services

The dominant sources on a quarter-

by-quarter basis for nurse hires within ambulatory health care services were Wyoming hospitals and other ambulatory health care facilities (see Figure 6). Similarly, hospitals and ambulatory health care services factored prominently as work destinations for nurses who exited from ambulatory health care services (see Figure 7, page 90). The private sector, nursing & residential care facilities, government, and partner research states factored less prominently as both sources of nurse hires and destinations for nurse exits. Taken together, Figures 1 and 2 show that on a quarter-by-quarter basis there was substantial circulation of nurses within ambulatory health care services and substantial exchange of nurses between ambulatory health care services and hospitals.

Nursing & Residential Care Facilities

On a quarter-by-quarter basis, nursing & residential care facilities hired predominantly from within their own subsector and from hospitals (see Figure 8, page 90). Other settings factored less

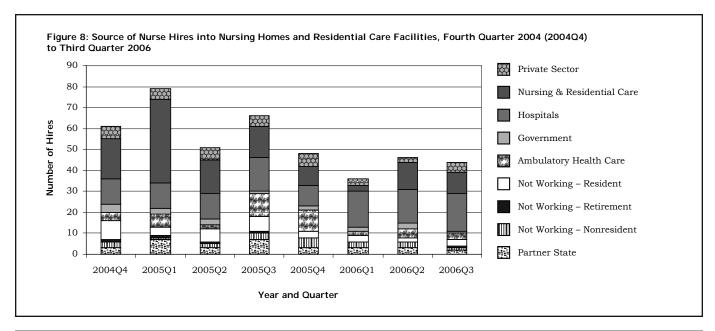


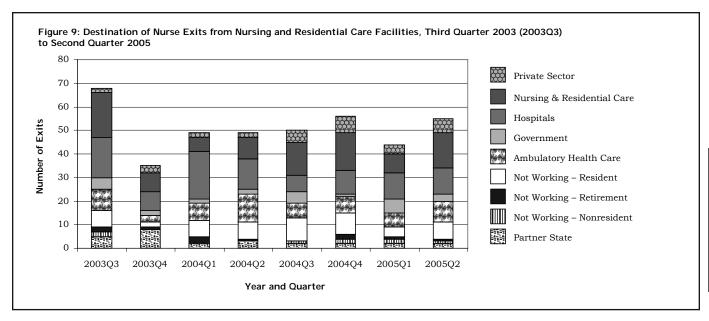
prominently as sources of hires. Hospitals and other nursing & residential care facilities were also the predominant work destination of RNs who exited from nursing & residential care facilities (see Figure 9, page 91), but other noteworthy work destinations include ambulatory health care services and a growing share exiting to the private sector. As with ambulatory health care services, there was substantial circulation of nurses within nursing &

residential care facilities and exchange of nurses between nursing & residential care facilities and hospitals.

Hospitals

Although hospitals factored prominently as a source of RNs for other hospitals (see Figure 10, page 91), several other sources factored prominently in the hiring equation as well. RNs working previously in a partner

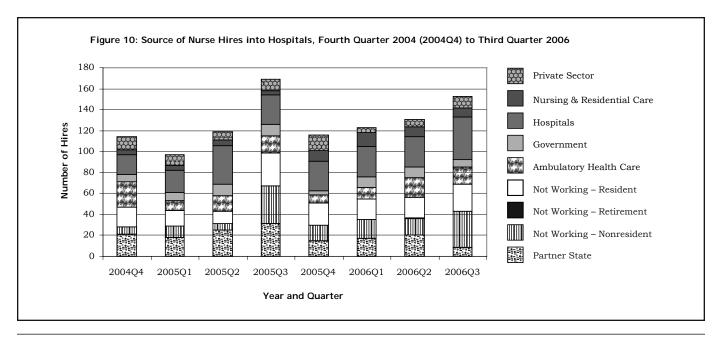


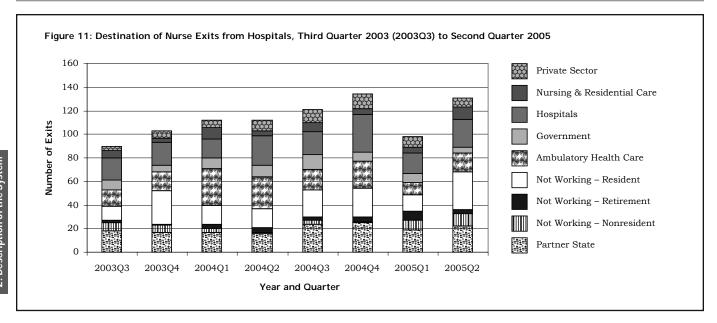


research state provided a number of nurses on a quarter-by-quarter basis. RNs who were not found working previously, both residents and nonresidents, also contributed a substantial portion of RN hires on a quarter-by-quarter basis. Some of the nonresidents may have been working, but in a state that does not share data with R&P (e.g., California). Some of the residents may have been nurses who recently completed college RN degrees in Wyoming and have not

worked previously in the state.

The pattern for nurse exits from hospitals was equally varied on a quarter-by-quarter basis. RN exits from hospitals fed substantially into other hospitals, ambulatory health care services, and partner research states (see Figure 11, page 92). Additionally, a number of RNs did not work after exiting Wyoming hospitals, with the majority being residents younger than age 65.





Pattern of Nurse Hires in Health Care

To more explicitly demonstrate the general pattern of nurse hires, Figure 12 (see page 93) provides a visual breakdown of all nurse hires within health care in Wyoming for the calendar year 2006. The largest percentage of nurse hires was in ambulatory health care services coming from hospitals (181, or 28.1%). The next largest was hires in ambulatory health care coming from ambulatory health care (123, or 19.1%). Circulation of nurse hires among hospitals ranked third (111, or 17.2%). The next largest percentage was nurse hires into nursing & residential care facilities coming from hospitals (61, or 9.8%).

Hospitals hired a total of 94 nurses in 2006 from ambulatory health care and nursing & residential care combined. However, collectively ambulatory health care and nursing & residential care hired 242

nurses from hospitals. The fewest number of hires was into nursing & residential care and coming from ambulatory health care (11, or 1.7%) followed by hires into ambulatory health care from nursing & residential care (30, or 4.5%).

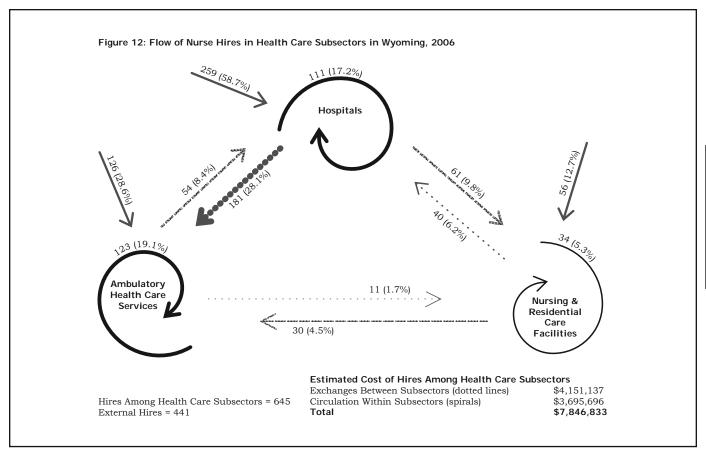
Wage Changes

Table 16 (see page 94) provides percentage wage change analysis for nurse hires within health care in Wyoming for the calendar year 2006.² Not all findings will be discussed here. Nurses hired into ambulatory health care from other ambulatory health care services usually experienced an increase in wages. Across age groups the percentage increase was smaller among older nurses. Nurses hired into hospitals from both ambulatory health care and nursing & residential care experienced substantial increases in pay, but the percentage increase was smaller among older nurses.

Nurses hired into ambulatory health care and nursing & residential care from hospitals experienced a substantial loss in

¹ Figures for the flow of nurse hires were also developed broken down by age categories. The pattern of results across the various age groups was very similar to the overall pattern and is, therefore, not discussed separately here. Please see **Appendix?** for the complete set of figures broken down by age group.

² See Appendix? for estimate of the dollar figures.



pay. Table 16 shows no clear trend across age groups, but nurses received at least an 8.0% decrease in pay.

Observations

Ambulatory health care and nursing & residential care are dependent upon the circulation of RNs within their own industry subsectors, but are also heavily dependent upon hospitals as a source of RNs. Apparently, firms in ambulatory health care and nursing & residential care can largely rely upon nurses who have experience working in their own subsector or in hospitals to fill vacancies.

Although there is substantial internal circulation of RNs among all three health care subsectors, hospitals apparently

must draw from a larger geographic pool of available nurses than either ambulatory health care services or nursing & residential care facilities. It would appear that hospitals are more likely to be the starting point in Wyoming for resident nurses who have not worked previously in the state (presumably those who have recently graduated) and for nonresidents who have worked in another state.

Given that hospitals draw proportionately more resident nurses who have not worked previously in Wyoming, this likely places additional pressure on hospitals as a training and experiential environment for RNs.

Additionally, the data presented here indicate that hospitals reach into the

Table 1: Percentage Change in Average Quarterly Earnings for Health Care Nurse Hires by Industry Subsector Source and Age, 2006

Hires: Ambulatory Health Care Services							
	Age Group						
	Under			55 and			
Subsector Source	35	35-44	45-54	Older			
Ambulatory Health Care Services	22.7%	32.0%	12.5%	-8.5%			
Hospitals	-8.0%	-32.5%	-51.8%	NA			
Nursing & Residential Care Facilities	NA	NA	-54.0%	NA			

Tilles. Hospitals						
	Age Group					
Subsector Source	Under 35	35-44	45-54	55 and Older		
Ambulatory Health Care Services	65.6%	38.7%	9.1%	NA		
Hospitals	-8.8%	5.5%	2.8%	-16.0%		
Nursing & Residential Care Facilities	70.1%	23.5%	NA	NA		

Hires: Nursing & Residential Care Facilities					
		Age Group			
Subsector Source	Under 35	35-44	45-54	55 and Older	
Ambulatory Health Care Services	NA	NA	NA	NA	
Hospitals	-29.0%	-38.7%	-16.5%	NA	
Nursing & Residential Care Facilities	NA	-49.7%	NA	NA	

NA – Not available.

Hiras: Hasnitals

Note: Wages restricted to continuous employment transactions. Prior and subsequent quarterly wages were Consumer Price Index (not seasonally adjusted, U.S. city averages, all items) adjusted to 2006 dollars.

broader local and regional interstate market to fill nurse vacancies. Regional interstate competition and local private-sector boom conditions likely place strains and stresses on hospitals for recruiting nurses than on ambulatory health care or nursing & residential care establishments.

Wage change analysis does not show wage increases among all nurse hires in health care. Generally, the analysis reveals that being hired into a hospital from other health care subsectors means an increase in wages. Hires into ambulatory health care from hospitals (the largest number of hires in health

care in 2006) and nursing & residential care from hospitals show substantial decreases in pay. Factors in addition to pay likely affect the flow of nurse hires.

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3. Methodology

Methodology

by: Lisa Knapp, Research Analyst

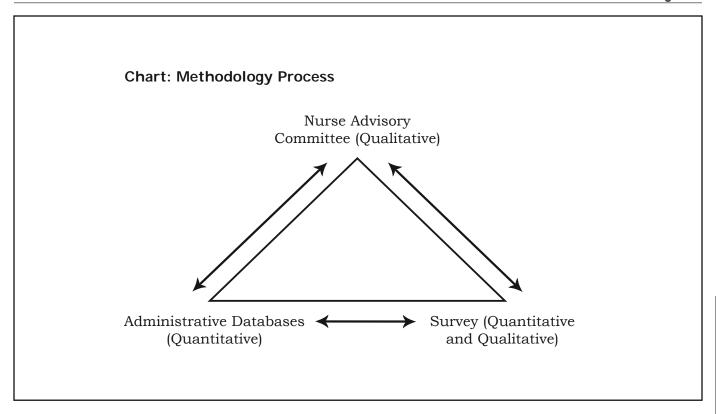
he first nursing studies conducted by Research and Planning (R&P) occurred in 2002 and 2003 and relied solely on Wyoming Board of Nursing (BON) files and in-house administrative databases to identify important aspects of nursing behavior in Wyoming (Glover, 2002a; Glover, 2002b; Glover, 2003). From these records, we were able to examine factors that affect the nursing situation in Wyoming, such as retention and turnover, sources of supply, and flow of nurses into and out of the state's health care systems. However, there are inherent limitations to this approach. As Denzin, 1970, states, "No measurement instrument is free from flaws or restrictions, combined strategies must be employed (this is termed a process of triangulation...)." Although a rich source of data, administrative databases can only provide a certain level of insight into the behaviors of nurses. In order to expand on this, R&P incorporated a three-pronged approach that combined both qualitative and quantitative methods (see Chart, page 97). These methods involved administrative record analysis, a survey questionnaire that included a section for comments, and focus-group style meetings with a nurse advisory committee both to ensure we were studying the important factors and to give us ideas on other pathways of study.1 Although the activities are distinct, the data can be linked together to form a seamless whole.

Design Issues

The production of knowledge about the nursing occupation in Wyoming depends very much on the techniques selected for collecting, analyzing, and interpreting data and on the way they are applied. In deciding on the research design for the project, we considered the strengths and weaknesses of many available research methods. Quantitative research is commonly used to investigate research questions. The array of quantitative research designs is great, but it can be difficult to conduct true experimental research. Thus a great many adaptations of experimental designs, called quasiexperimental and nonexperimental designs, have been developed. Quantitative research involves analysis of numerical data, often using tools such as questionnaires and administrative databases to collect the data. The main objective is to construct statistical models in an attempt to statistically explain a particular outcome of interest. Quantitative data are very efficient in that they make hypothesis testing possible. However, quantitative data may miss contextual detail.

Qualitative research involves analysis of data such as words (e.g., from interviews), pictures (e.g., video), or objects (e.g., an artifact). The aim is a complete, detailed description. It uses participant observation, in-depth interviews, and open comments to solicit individual and group interpretation of events or situations. While qualitative data are more detailed and context-rich, collecting the data is time-consuming and the results are less often generalizable.

¹ Other opportunities for feedback were initiated with the nurse advisory committee through numerous presentations as well as with the Wyoming Hospital Association, the Wyoming Long-Term Care Association, the Wyoming Healthcare Commission, Wyoming Medical Center staff (a hospital in Casper, WY), and two statewide nursing summits.



Because both quantitative and qualitative research provide valuable insight into the understanding of nursing issues, we decided to incorporate both into a mixedmethods design.

Quantitative Analysis

A major trend in statistical entities is the increasing use of administrative records for producing various statistics (Chen & Cascagnette, 2004). This trend is influenced by several factors, especially the demand for statistics coupled with the increasing cost of conducting surveys. Fortunately, an increasing amount of administrative data and substantial storage and computing power have become available to statistical entities, often at little additional cost, making them an attractive source of information. There are several conspicuous strengths of most administrative data, namely low cost and near-complete coverage

of the population of concern. However, despite their increasing abundance and relative low cost, administrative data are collected for different purposes than survey data, so the number of potential research questions is limited by data availability and characteristics.

Previous nursing studies conducted by R&P relied solely on administrative databases to describe nurses in Wyoming. Analysis of wage records was used to determine supply and demand (Glover, 2002a), turnover patterns (Glover, 2002b), and the flow of nurses entering and exiting the state (Glover, 2003). Administrative data analysis is a relatively inexpensive and effective way to study the movement of nurses into and out of the system, but cannot explain why this movement occurs.

Although administrative records can be a useful source of information, they

 Physically linking existing administrative data with information gathered from surveys substantially expands the scope of potential research questions that can be addressed. It also reduces the limitations of both methods while highlighting the strengths and does so at a relatively low cost.

have limitations when used for research that requires information on decision making behaviors. In order to evaluate personal factors, such as workforce satisfaction and intent to leave employment, another data source must be introduced. Surveys can provide a vast supply of information because the questions are typically designed by the researcher. In order to create a good survey, the researcher must have clearly defined independent and dependent variables and a specific model of the expected relationships, which is tested against observations of the phenomenon. Survey research is especially well suited for answering questions about opinion and personal information. Best practices require that survey researchers attempt to maximize response rates and to minimize risk of nonresponse errors. However, obtaining the cooperation of the respondents in sample surveys is often difficult, and considerable effort (and cost) must be applied in order to obtain minimally acceptable response rates. If the response rates fall short, concerns about the introduction of systematic bias in variables of substantive importance are raised.

Most studies of nursing have used survey research. This typically occurs in one of two ways. The first involves surveying health care providers to determine the level of difficulty they have in hiring nurses. The other involves sending opinion questionnaires to nurses. These questionnaires are useful for gathering information on job satisfaction and intent to leave one's job but cannot be used to follow up on the movement of nurses through the system.

Physically linking existing administrative data with information gathered from surveys substantially expands the scope of potential research questions that can be addressed. It also reduces the limitations of both methods while highlighting the strengths and does so at a relatively low cost. R&P is in a unique position to use both types of research. Because we have expertise in both areas, we are able to use survey findings to describe nurses who intend to leave their current employer and then use administrative records to determine whether or not they actually leave.

Survey Development

R&P began the survey process by conducting an extensive review of professional research pertaining to areas that affect nurses. This review was used to create a series of hypotheses that, in turn, were used to design the survey instrument. These hypotheses were developed to measure nurse satisfaction and its influence on retention with current employers. They included issues regarding staffing levels, non-nursing tasks, wages and benefits, and hospital safety for both nurses and patients. The analysis was not limited to these issues, however, because it was also important to describe subsequent withdrawal from

the health care market itself and from Wyoming entirely. After the hypotheses were established, a list of potential survey questions were compiled, using a variety of survey questionnaires from other sources as a guide for question selection (Fletcher, Guzley, Barnhill, & Philhour, 2004; Lacy & Shaver, 2002; United States Department of Health and Human Services, 2004).

In order to ensure the most appropriate questions were asked, we presented the list to a nurse advisory committee prior to the creation of the survey instrument. This nurse advisory committee is comprised of several nurses from various disciplines and includes hospital and long-term care nurses and nurse managers, public health nurses, and members of the Wyoming Board of Nursing (please see the inside front cover of this publication for the affiliations of this committee).

Two versions of the survey were created: one for nurses working in ambulatory care (including private doctors' offices and surgery centers) and one for nurses working in hospitals or long-term care. Both instruments had a section establishing employment status and included questions about full- or part-time employment, job title for primary position (e.g. management, direct patient care, case management), and future plans to retire or otherwise leave the primary place of employment.

The hospital and long-term care instrument included a section pertaining to shift work and overtime requirements. This section asked questions about the shift work and overtime practices of the nurse's primary employer, and their attitudes toward these practices. This section was not included on the ambulatory care version of the questionnaire because overtime and

shift work are not common in ambulatory care. Both versions of the questionnaire included a series of questions related to overall satisfaction with workplace issues and included satisfaction with co-workers and management, satisfaction with work environment and safety issues, and satisfaction with wages and benefits. There was also a section on both instruments about overall satisfaction with the field of nursing. Finally, both versions of the questionnaire included questions about demographics and community satisfaction. (Complete copies of these instruments can be found in Appendix A, beginning on page 105.)

Because R&P has access to several administrative data sets that include demographic data, such as the Wyoming State Board of Nursing (BON) license renewal files, the Unemployment Insurance (UI) Wage Records database, and the Quarterly Census of Employment and Wages (QCEW), there were several questions we did not include on the questionnaire, such as level of education, quarterly wages, gender, and age. This saved both space on the instrument and time needed to fill out the instrument. Nurses were given a reference date to standardize their answers to a specific point in time. The reference date for ambulatory care nurses was June 12, 2007, and for hospital and long-term care nurses it was July 12, 2007.

One of the purposes of this study was to survey the total population of nurses working in ambulatory care, hospitals, and long-term care facilities in Wyoming. To begin, we obtained a segment of the 2006 license renewal database from the Wyoming Board of Nursing, which contains data such as name, address, date of birth, license type, and education level of all

KEY POINT

Confidentiality and privacy are important issues for research, especially when administrative records are being used. Although survey and administrative data were linked by using personal identification numbers, once the data were linked, personal identifiers were excluded from the data set used for research. In their place, confidential, random identification numbers were created. These measures allowed the merger of relevant information from administrative records and the survey instrument while preserving the confidentiality of survey respondents. Access to the data was made available only to those researchers engaged in the study.

nurses registered to work in the state. This was a companion file to the BON files obtained for previous studies. To this file we attached fourth quarter 2006 (2006Q4) wage and employment data from the UI Wage Records database, which is collected by the Wyoming Department of Employment (DOE), and corresponding industry data from the QCEW, also collected by DOE under contract with the U.S. Bureau of Labor Statistics. Because this particular portion of the project pertained to nurses working in ambulatory care, hospitals, and long-term care facilities, only the information for these nurses was drawn from the larger nurse database.

Confidentiality and privacy are important issues for research, especially when administrative records are being used. Although survey and administrative data were linked by using personal identification numbers, once the data were linked, personal identifiers were excluded from the data set used for research. In their place, confidential, random identification numbers were created. These measures allowed the merger of relevant information from administrative records and the survey instrument while preserving the confidentiality of survey respondents. Access to the data was made available only to those researchers engaged in the study.

In order to pretest the questionnaire to identify any potential problems respondents might have in understanding the questions, several R&P staff members gave copies of the instrument to local nurses they were familiar with for review. The first mailing of the ambulatory care version of the survey instrument (June 19 – July 2, 2007) also functioned as a pretest. No major problems were detected during either of these processes and no changes were made to the instrument.

All nurses were sent an advance letter (see Appendix A, page 106) to inform them of the upcoming survey as well as act as a form of address refinement. Approximately 4.4% (30) of the advance letters sent to ambulatory care nurses were returned with updated addresses. Another 2.2% (15) of letters sent to ambulatory and 1.9% (58) of letters sent to hospital and long-term care nurses were determined to be undeliverable and subsequently discarded from the original sample. This left a survey population of 672 nurses in ambulatory care and 2,969 nurses in hospitals and long-term care.

Each nurse was mailed a copy of the questionnaire with the unique numeric identifier, a cover letter explaining the purpose of the survey (see Appendix A, page 107), and a stamped, addressed return envelope. The first mailing of surveys for ambulatory nurses was sent on June 19, 2007, and the first mailing for hospital and long-term care nurses was sent on July 31, 2007. Nurses were sent up to two more mailings between July and October, depending on how they responded to the previous mailing. If nurses returned a completed survey they were taken off the list for subsequent mailings; if they did not return a completed survey they were sent another. Nurses younger than age 35 in the hospital and long-term care survey were less likely to respond than nurses 35 and older. In order to increase the response rate for these younger nurses, phone calls were made in early November and resulted in an additional 49 (1.7%) responses.

The final response rate for ambulatory care nurses was 69.9% (470) and the final response rate for hospital and long-term care nurses was 66.6% (1,976). Because a purpose of this survey was to measure the attitudes of nurses in Wyoming, we removed any nurses who, according to wage records, were no longer working at a Wyoming firm. This was done by deleting any nurse record that appeared in 2006Q4 wage records when the corresponding contact data were drawn but did not appear in 2007Q1 or 2007Q2 wage records, and resulted in the removal of 64 (9.4%) nurses from the ambulatory care nurse sample and 151 (5.0%) from the hospital and long-term care nurse sample. This brought the response rate for nurses working in an ambulatory care setting up to 71.4% (434) and the response rate for nurses working in a hospital or long-term care setting up to 67.5% (1,901).

Qualitative Analysis

According to Myers (2002):

Qualitative studies are tools used in understanding and describing the world of human experience. Since we maintain our humanity throughout the research process, it is largely impossible to escape the subjective experience, even for the most seasoned of researchers. ... Small qualitative studies are not generalizable in the traditional sense, yet have redeeming qualities that set them above that requirement.

They also often reveal information that was unknown to the researcher and not likely to be revealed by quantitative methods. A major strength of the approach is the depth to which explorations are conducted and descriptions are written, usually resulting in sufficient details for the reader to better understand the situation. Qualitative research offers a perspective of a situation that reflects the researcher's ability to illustrate or describe the corresponding phenomenon.

To take advantage of the perspective offered by qualitative methods, R&P used several strategies. The first was to develop both formal and informal associations with various nursing and health care organizations. Staff members routinely made presentations to the Wyoming Healthcare Commission, during which commission members were alerted to the status of the nursing research process as well as solicited for insight and discussion about the findings. Presentations were also made to the Wyoming Board of Nursing and the advisory council of nurses. In each instance, participants were asked for feedback about the findings. Comments received either

validated our interpretation of findings or provided insight into alternative meanings. In either case, insight gained from the comments was integrated into the project.

Informal conversations were also initiated by R&P staff with members of the health care community. Whether during lunch with the nurse advisory council or casual conversation with a member of the Wyoming Hospital Association and Long-Term Care Association, individuals outside of R&P were given the opportunity to share their anecdotal knowledge of the nursing situation in the state. These conversations afforded researchers perspective on the issues from both employer and employee viewpoints.

An R&P staff member attended the annual nursing summit and was able to join the informal networking association of nurses. This allowed researchers insight into the less obvious issues that are nonetheless important to many nurses.

Finally, at the end of the questionnaire nurses were asked to comment on any topic raised in the questionnaire. Not all respondents chose to do so; however, those who did offered substantial insight into the issues that mattered to them personally. In order to quantify the information in the comments, we created a list of 32 themes found in the nursing literature, in the questionnaire satisfaction measures, and in other questions of the survey. We also included themes from the comments themselves that did not appear elsewhere. Each incidence of a comment was counted one time such that respondents could have multiple entries. No attention was paid to the context of the comment, only to the mention of the comment theme itself. For instance, whether the sentence was "I think nurses are overpaid" or "I think nurses are underpaid," the Wages theme was coded. Future analysis could investigate differences between positive and negative comments.

After coding the comments into themes, they were tabulated and frequencies were computed. There were 1,694 total comments made by 558 (23.2%) individual nurses. Comment themes and frequencies can be found in Chapter 1 and Appendix A, respectively. For the sake of discussion in this study, we assumed that frequency of appearance was related to the relative importance of the comment theme. In other words, those ideas commented on most frequently were relatively more important than those ideas receiving fewer mentions. Results of the content analysis can be found in Chapter 1 beginning on page 30.

Validity

There are two distinct types of validity. The first involves research design. In this case the term refers to how well a study supports the intended conclusion drawn from the results. Research design validity can be divided into four aspects: support for the conclusion that the independent variable caused the dependent variable in the specific study (internal validity), support that the same effect generalizes to the population from which the sample was drawn (statistical conclusion validity), support for the intended interpretation of the variables (construct validity), and support for the generalization of the results beyond the studied population (external validity; Rossi, Freeman, & Lipsey, 1999; Mohr, 1995).

The second type of validity involves test validity, a concept that attempts to explain the degree to which a test measures what it was designed to measure. Test validity can be assessed in a number of ways, including construct-related evidence, content-related evidence, and criterion-related evidence, which involves two subtypes (concurrent and predictive). Criterion-related validity reflects the success of measures used for prediction or estimation. In predictive validity, we assess the construct's ability to predict something it should theoretically be able to predict (Rossi et al., 1999; Mohr, 1995).

One of the strengths of this study's mixed-method design is the ability to quantify the predictive validity of a respondent's indication of intent to leave the primary employer. Using administrative records we are able to longitudinally study respondents' work patterns. If a nurse indicated intent to leave his or her primary employer within 12 months, we are able to use the UI Wage Records database to find out when or if that particular nurse did leave his or her primary employer. We are also able to statistically model exit behaviors using both survey and administrative data. If administrative data prove to be as accurate as survey data in predicting exit intent, future research could reduce the amount of survey data collected by focusing on information readily available through administrative sources.

In summary, this project used a process of triangulation to combine three quantitative and qualitative methods of study and create a comprehensive analysis of the nursing experience in Wyoming. A thorough quantitative investigation of administrative databases and survey data allowed for statistical analysis while qualitative data gave us more insight into the questions and issues that are important to the recruitment and retention of nurses.

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Appendix A: Survey Instrument

Page 106 - Advance Letter

Page 107 – Cover Letter

Pages 108-114 - Ambulatory Questionnaire

Pages 115-122 - Hospital and Long-Term Care Questionnaire



DAVE FREUDENTHAL Governor

Department of Employment

P.O. BOX 2760 CASPER, WYOMING 82602 Research and Planning Section

(307) 473-3807

July 13, 2007

Dear:

As you may be aware, the Research and Planning (R&P) Section of the Department of Employment is under contract to the Health Care Commission to conduct a study of nurse supply, demand, and retention in Wyoming. This is an advance notice that you have been selected to participate in the study by completing a mail questionnaire and returning it to us.

The results of the study will be broadly distributed and facilitate formal and informal forums among all members of the community concerned with nursing in Wyoming. Among other means of distribution, the results will be posted on our web site at http://doe.state.wy.us/lmi/nursing.htm

In a few days you will be receiving a questionnaire, a return envelope, and R&P contact information. Your completed questionnaire will ensure that an accurate perspective on nursing will inform policies directed toward supply, demand, and retention of nurses in Wyoming.

Thank you for your time and consideration.

Sincerely,

Tom Gallagher

Manager, Research and Planning

Cover Letter

P.O. BOX 2760 CASPER, WYOMING 82602

July 27, 2007

«ID»

Dear «FIRST»:

As you may be aware, the Department of Employment's Research and Planning (R&P) Section is under contract to the Health Care Commission to study nurse supply, demand, and retention in Wyoming. Because your decisions about work may be driven by a combination of work environment, views of nursing as a profession, and family and community circumstances, the enclosed questionnaire includes questions about these areas. There is no research for you to do, and since most of the questionnaire follows a simple "check item" format, it is expected that most people will need only 12-15 minutes to complete it.

The information provided by you will be maintained in confidence and used only by the staff of R&P to produce information in tabular and other statistical forms. Individually identifiable information collected by R&P may only be used for statistical purposes, and remain confidential under the Workforce Investment Act (see: http://doe.state.wy.us/lmi/section309.htm) and Wyoming Employment Security Law (section 27-3-603).

The results of the study will be broadly distributed and facilitate formal and informal forums among all members of the community concerned with nursing in Wyoming. Among other means of distribution, the results will be posted on our web site at

http://doe.state.wy.us/lmi/nursing.htm

Your completed questionnaire will ensure that an accurate perspective on nursing in Wyoming informs future policy choices. Please return the questionnaire in the stamped self addressed envelope post marked no later than August 22, 2007. Should you have questions please contact Lisa Knapp at (307) 473-3835. Thank you for your time and consideration.

Sincerely.

Tom Gallagher

Manager, Research and Planning

enclosures

Ambulatory Questionnaire

Retention of Nurses in Wyoming

Department of Employment Healthcare Personnel Survey

Rev. 05/2007

Survey Date: June 2007

1

Wyoming Department of Employment Research & Planning P.O. Box 2760 Casper, WY 82602

http://doe.state.wy.us/LMI/

Tel. (307) 473-3835 Fax (307) 473-3806

Please return form by June 30, 2007 We expect this form to take no more

than 12-15 minutes to complete

ID#

All data collected by Research & Planning must, by the Workforce Investment Act (see: 29 USC sec. 491-2 (a)(2)) and the Wyoming Employment Security Law (section 27-3-603), be held in the strictest confidence, with results published only as summary statistics. The information you provide to us will be held confidential to the extent permitted by law.

A. Employment Situation:

Instructions: Unless otherwise specified, the reference period for this survey is June 12, 2007. Primary job is defined as the employment situation in which you earned the most money during the reference period. Thank you for your participation in this research.

1.	. What was your employment status as of June 12, 2007? (please check one response)							
	☐ Employed in nursing full time (more than 35 hour)☐ Employed in nursing part time (less than 35 hour)							
	 □ Retired – not working □ Not working outside of home □ Volunteer □ Employed in another profession, not nursing 		Please skip to Page 4, Section D, Question #47, and continue survey)					
	a. Which of the following best describes the title oponse)	of your	primary nursing job? (please check one					
	□ Nurse Educator	□ Ir	afection Control					
	☐ Administration/Management	□С	Case Manager/Utilization Review					
	☐ Quality Assurance/Risk Manager		Other (please describe)					
	☐ Direct Patient Care (please check one of the following		<u>, </u>					
	O Cardiac Care O Cancer Care							
	O Renal/Urology O Orthopedics O Neurology O Respiratory	3						
	O Neurology O Respiratory							
	O Pediatrics O Mental Heal	lth						
	O General Surgery O Women's He	ealth						
	O General Medicine/Family Practice							
	O Other (please describe):							
	b. Are you a Nurse Practitioner? (please check one	respons	re)					
	☐ No, I am not a Nurse Practitioner							
	Yes, I am a Certified Registered Nurse.	Anesth	netist					
	☐ Yes, I am a Family Nurse Practitioner							
	☐ Yes, other (please describe)							
3.	During an average work day, with how many pat(number)	ients o	do you directly interact in your primary job?					

Ambulatory Questionnaire Appendix A Page 109

4.	Which of the following best describes your <u>primary</u> facility? (please check one response)									
		atory Healthcare Services provide healthcare services nally provide inpatient services. Examples include nters, and medical or diagnostic laboratories.								
	☐ Hospitals <i>Hospitals provide medical</i> , <i>diagnostic</i> , <i>and treatment services that include physician</i> , <i>nursing</i> , <i>and other health services to inpatients and specialized accommodation services to inpatients</i> .									
	☐ Nursing and Residential Care Facilities residential care combined with nursing, superresidents.									
	□ Other (please describe)									
	. How many miles would you estimate you drow rimary facility during the week of June 12, 200	e for work purposes other than commuting to your 7? (number)								
5.	. Do you plan to leave employment with your <u>p</u>	rimary facility within the next 12 months?								
	☐ Yes ☐ No (skip to question #8)									
	If you answered \underline{YES} to question #6, what is yesponse)	your <u>primary</u> reason for leaving? (please check one								
	 □ Taking another job in Healthcare □ Taking another job outside Healthcare □ Family status change (e.g., marriage, divorce, birth of a child) □ Relocating 	 □ Continuing education □ Retiring (skip to question #9) □ Other (please describe) 								
3.	. When do you plan to retire from your primary	r facility: (please check one response)								
	☐ In more than 1 year but less than 3 years☐ In more than 3 years but less than 5 years☐ In more than 5 years☐ Don't know☐	S								
9.	. Do you plan to continue working as a nurse a	after retiring from your <u>primary</u> facility?								
	□ Yes □ No	□ Don't Know								
10	0. If you have a second job, is it in nursing? (pla	ease check one response)								
	 □ Yes, I have a second job that involves nursing □ No, I only have one job (skip to Section B, question #13, and please continue) □ No, I have a second job, but it does not involve nursing (In what occupation were you employed during this time (e.g., electrician, teacher)? After answering, skip to Section B, question #13 and please continue) 									

☐ Quality Assurance/Risk Manager

☐ Nursing and Residential Care Facilities

☐ Other (please describe) _

11. Which of the following best describes the one response)	e position title of your <u>secondary</u> nursing job? <i>(please check</i>
☐ Direct Patient Care☐ Administration/Management	□ Nurse Educator□ Infection Control

☐ Researcher/Consultant

□ Case Manager/Utilization Review □ Nurse Practitioner
□ Other (please describe) □ Nurse Practitioner

12. Which of the following best describes your secondary work environment? (please see definitions in question #4 and check one response)
□ Ambulatory Healthcare Services
□ Hospitals

B. The following questions apply to your primary facility.

Using the provided scale of 1 to 5 where **1 means very dissatisfied** and **5 means very satisfied**, please circle the response that best describes how you feel about each of the following statements.

1= Very	Dissatisfied 2= Dissatisfied 3= Neither Satisfied nor Dissatisfied	4= Satisfied	5= Ve	ry Satisfied	NA=	Not Ap	plicable
13.	Overall Satisfaction	1	2	3	4	5	NA
14.	Your current base salary	1	2	3	4	5	NA
15.	Salary range for your position	1	2	3	4	5	NA
16.	Employee benefits	1	2	3	4	5	NA
17.	Skill of RNs where you work	1	2	3	4	5	NA
18.	Adequacy of RN staffing where you work	1	2	3	4	5	NA
19.	Adequacy of clerical support services	1	2	3	4	5	NA
20.	Non-nursing tasks required of you (e.g., housekeeping, lab)	1	2	3	4	5	NA
21.	Amount of paperwork required	1	2	3	4	5	NA
22.	Physical work environment	1	2	3	4	5	NA
23.	Level of personal safety at the facility where you work	1	2	3	4	5	NA
24.	Work schedule	1	2	3	4	5	NA
25.	Job security	1	2	3	4	5	NA
26.	Opportunities for advancement	1	2	3	4	5	NA
27.	Support from nurses with whom you work	1	2	3	4	5	NA
28.	Support from your nursing administration	1	2	3	4	5	NA
29.	Interactions with physicians	1	2	3	4	5	NA
30.	Interactions with other non-nursing staff	1	2	3	4	5	NA
31.	Interactions with traveling agency staff	1	2	3	4	5	NA
32.	Interaction with patients	1	2	3	4	5	NA

Ambulatory Questionnaire

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Section	R	Continued:	

1= Very Dis	satisfied 2= Dissatisfied	3= Neither Satisfied nor Dissatisfied	4= Satisfied	5= Ve1	y Satisfie	ed NA	= Not Ap	plicable
33. Tii	me available for pa	tient education	1	2	3	4	5	NA
34. In	volvement in policy	and management decisions	1	2	3	4	5	NA
35. Op	portunities to use	your skills	1	2	3	4	5	NA
36. Op	portunities to lear	n new skills	1	2	3	4	5	NA
37. Op	portunities for cor	tinuing education	1	2	3	4	5	NA
38. Qı	ality of patient car	e where you work	1	2	3	4	5	NA
39. Fe	eling that your wo	k is important	1	2	3	4	5	NA
40. Ot	her <i>(please describe)</i> _		_ 1	2	3	4	5	NA

C. Now we would like your views on the profession of nursing.

☐ I would not leave nursing

Using the provided scale of 1 to 5 where **1 means you strongly disagree** and **5 means you strongly agree**, please circle the response that best describes how you feel about each of the following statements.

1= Strongly Disagre	e 2=Disagree	3=Neither Agree nor Disagree	4=/	Agree	5= Stro	ngly Agr	ee	DK=Don	't Know
41. General nursing	• •	n very satisfied with		1	2	3	4	5	DK
42. I freque	ntly think of qui	tting nursing.		1	2	3	4	5	DK
43. I am ger in nursi	•	with the kind of work I d	0	1	2	3	4	5	DK
44. Most pe	ople on this job	are satisfied with nursing	g.	1	2	3	4	5	DK
45. People of	n this job often	think of quitting nursing		1	2	3	4	5	DK

46. Which of the following statements best describe why you would leave nursing all together? (please choose $\it up\ to\ 4$ statements that are most important to you)

☐ Feel overworked

☐ Feel burned out from nursing	☐ Concerned with injury to patients										
☐ Feel unsupported as a nurse	☐ Need more autonomy										
☐ Concerned with the quality of care	□ Need more respect										
☐ Better salary available outside nursing	☐ Plan to retire										
☐ Better management support	☐ Better work schedules available outside										
☐ Better advancement opportunities	nursing										
available outside nursing	☐ Concerned with injury to self										
☐ Concerned with delegation to unlicensed	☐ Seek more challenging work										
assistive personnel	☐ Other (please describe)										
D. Next we would like to learn about your situation and your community. 47. Where did you last attend high school?											
,											

48.	То	the	best	of	you:	r re	col	lec	tion	, wł	ıat	wa	s t	he	dat	еу	ou	be	gan	yo	ur	co	lleg	e e	du	catio	on	to	bec	ome	a
nur	se?							(mr	n/yy	yy)																					

49.	What was the date you	first received your	nursing license? LPN:	(mm/yyyy

RN: _____ (mm/yyyy)

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Ambulatory Questionnaire

Retention of Nurses in Wyoming

50. What is your marital status? (Please check of to question #55)	one response; for all responses other than married or cohabitating skip
☐ Married or cohabitating☐ Single	☐ Divorced ☐ Widowed
51. What is the highest level of education you response)	ar spouse or partner has completed? (please check one
 □ Less than high school □ High school graduate (includes equivale □ Some college or associate's degree □ Bachelor's degree □ Graduate or professional degree □ Other (please describe): 	ency)
52. Was your spouse or partner employed du	ring the week of June 12, 2007?
☐ Yes☐ No (skip to question #55)	
53. In what occupation was your spouse or p teacher)?	artner employed during this time (e.g., electrician,
54. What were this person's most important v	work activities or duties? nder 25 living in your household for each of the
following categories:	nder 23 hving in your nousehold for each of the
Less than 6 years old 6 to 12 years old 13-18 years old 19-24 years old I do not have any dependents under	25 years old living in my household
56. Do you provide care for your parents or y	our spouse/partner's parents?
□ Yes □ No	
57. a. For the week of June 12, 2007, what wa	as your base rate of pay in your primary job? (please check Hour Week 2 Weeks Month Other (please specify):
b. How many hours did you work at your p	primary job during the week of June 12, 2007?

Ambulatory Questionnaire Appendix A Page 113

58. What was the total pre-tax income in your household in the past 12 months? (Please check one response)									
	Less than \$20,000 \$20,000 to \$29,999 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999		\$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more						
59. How many years have you lived in your current community?									
50. Of the following reasons, which one best describes why you live in your current community: please check one response)									
	Existing job Proximity to school or work Spouse or partner's job Cost of living/affordable housing Other (please describe)		Proximity to cultural amenities Proximity to natural amenities Proximity to family						
	How much do you agree or disagree with the fo	ollo	wing statement: "I am tied to this community						
	Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree								
51. b.	What is the reason for your answer?								

The following questions apply to the community you currently live in. Using the provided scale of 1 to 5 where 1 means very dissatisfied and 5 means very satisfied, please circle the response that best describes how you feel about each of the following statements.

1=Very	Dissatisfied	2= Dissatisfied	3=Neither Satisfied nor Dissatisfied	4=Satisfied	5=V	ery Satisf	ïed	DK=Don'	t Know
62.	Economic	opportunities	S	1	2	3	4	5	DK
63.	Proximity	to family		1	2	3	4	5	DK
64.	Cost of liv	ing		1	2	3	4	5	DK
65.	Rural char	racter		1	2	3	4	5	DK
66.	Urban cha	aracter		1	2	3	4	5	DK
67.	Housing			1	2	3	4	5	DK
68.	Public safe	ety services		1	2	3	4	5	DK
69.	Parks and	recreation/ r	natural amenities	1	2	3	4	5	DK
70.	Education	(K-12)		1	2	3	4	5	DK
71.		post-seconda: g education	ry education, including	1	2	3	4	5	DK

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Ambulatory Questionnaire

Retention of Nurses in Wyoming

1=Very	Dissatisfied	2= Dissatisfied	3=Neither Satisfied nor Dissatisfied	4=Satisfied	5=V	ery Satis	fied	DK=Don't	Know
72.	Daycare s	ervices		1	2	3	4	5	DK
73.	Medical ca	are services		1	2	3	4	5	DK
74.	Mental he	alth services		1	2	3	4	5	DK
75.	Retail sho	pping		1	2	3	4	5	DK
76.	Restauran	nts/Entertaini	ment	1	2	3	4	5	DK

(please check one response)	•
□ Very likely □ Somewhat likely □ Neither likely nor unlikely □ Somewhat unlikely □ Very unlikely □ Don't know	
Please comment on any topic raised in this questionnaire: (Continue on back if necessary)	

Thank you for your participation!

Hospital and Long-Term Care Questionnaire

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Department of Employment Healthcare Personnel Survey

Wyoming Department of Employment Research & Planning P.O. Box 2760 Casper, WY 82602

Tel. (307) 473-3835 Fax (307) 473-3806 http://doe.state.wy.us/LMI/

Rev. 05/2007

Survey Date: July 2007

Please return form by October 19, 2007

We expect this form to take no more than 12-15 minutes to complete

All data collected by Research & Planning must, by the Workforce Investment Act (see: 29 USC sec. 491-2 (a)(2)) and the Wyoming Employment Security Law (section 27-3-603), be held in the strictest confidence, with results published only as summary statistics. The information you provide to us will be held confidential to the extent permitted by law.

Instructions: Unless otherwise specified, the reference period for this survey is July 12, 2007. Primary job is defined as the employment situation in which you earned the most money during the reference period. Thank you for your participation in this research.

Employment Situation

A. EI	nployment Situation:
1. W	That was your employment status as of July 12, 2007? (please check one response)
	Employed in nursing full time (more than 35 hours/week) Employed in nursing part time (less than 35 hours/week)
	Retired – not working Not working outside of home Volunteer Employed in another profession, not nursing (Please skip to Page 5, Section E, Question #55, and continue survey)
2. a. <i>respor</i>	Which of the following best describes the title of your <u>primary</u> nursing job? (please check one nse)
	Nurse Educator Administration/Management Case Manager/Utilization Review Quality Assurance/Risk Manager Other (please describe) Direct Patient Care (please check one of the following): O Cardiac Care O Cancer Care O Renal/Urology O Orthopedics O Neurology O Respiratory O Pediatrics O Mental Health O General Surgery O Obstetrics or Neonatal O General Medicine O Emergency Room O Other (please describe):
b.	. Are you a Nurse Practitioner? (please check one response) □ No, I am not a Nurse Practitioner □ Yes, I am a Certified Registered Nurse Anesthetist □ Yes, I am a Family Nurse Practitioner □ Yes, other (please describe)
3. D	uring an average work day, with how many patients do you directly interact in your primary job?

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Hospital and Long-Term Care Questionnaire

Retention of Nurses in Wyoming

4. Which of the following best describes your primary facility? (please check one response) □ Ambulatory Healthcare Services Ambulatory Healthcare Services provide healthcare services directly to ambulatory patients and do not usually provide inpatient services. Examples include offices of physicians, freestanding surgical centers, diagnostic laboratories, and home health care. □ Hospitals Hospitals provide medical, diagnostic, and treatment services that include physician, nursing, and other health services to inpatients and specialized accommodation services to inpatients. □ Nursing and Residential Care Facilities Nursing and residential care facilities provide residential care combined with nursing, supervisor, or other types of care as required by □ Other (please describe) _____ 5. How many miles would you estimate you drove for work purposes other than commuting to your primary facility during the week of July 12, 2007? _____ (number) 6. Do you plan to leave employment with your primary facility within the next 12 months? □ Yes □ No (skip to question #8) 7. If you answered YES to question #6, what is your primary reason for leaving? (please check one response) ☐ Taking another job in Healthcare ☐ Continuing education ☐ Taking another job outside Healthcare ☐ Retiring (skip to question #9) ☐ Family status change ☐ Other (please describe) __ (e.g., marriage, divorce, birth of a child) □ Relocating 8. When do you plan to retire from your primary facility: (please check one response) ☐ In more than 1 year but less than 3 years ☐ In more than 3 years but less than 5 years ☐ In more than 5 years □ Don't know 9. Do you plan to continue working as a nurse after retiring from your primary facility? □ Yes □ Don't know □ No 10. If you have a second job, is it in nursing? (please check one response) ☐ Yes, I have a second job that involves nursing □ No, I only have one job (skip to Section B, question #13, and please continue) □ No, I have a second job, but it does not involve nursing (In what occupation were you employed during

this time (e.g., electrician, teacher)? After answering, skip to Section B, question #13 and please continue)

Survey Instrument

Retention of Nurses in Wyoming

Hospital and Long-Term Care Questionnaire

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	Which of the following best describes the position response)	n title of your <u>secondary</u> nursing job? (please check
[] [Direct Patient Care Administration/Management Quality Assurance/Risk Manager Case Manager/Utilization Review Other (please describe)	 □ Nurse Educator □ Infection Control □ Researcher/Consultant □ Nurse Practitioner
	Which of the following best describes your <u>second</u> tion #4 and check one response)	dary work environment? (please see definitions in
	Ambulatory Healthcare ServicesHospitalsNursing and Residential Care FacilitiesOther (please describe)	
В. \$	Shiftwork and Overtime Experiences:	
13.	What is the length of your typical scheduled shift	t at your <u>primary</u> job? (please check one response)
	8 hours12 hoursBothOther (please describe)	
14.	Do you have an on-call requirement for your prin	nary job?
	Yes No (please skip to question #16)	
15.	During the week of July 12, 2007, did you work	on-call time and why? (please check all that apply)
	I did not work on-call time I was called in for a single procedure I was called in for an entire shift Other (please describe)	
	During the week of July 12, 2007, did you have duled shift at the request or direction of your su	
	No Yes, once Yes, twice Other (please describe)	

17. Which of the following <u>best describes</u> why you worked <u>extra hours</u> ? (please check one response)
 □ I wanted to help out when the unit was busy or understaffed □ I wanted extra money □ I wanted time off on another day □ I felt pressured by manager, supervisor, or other staff □ I was required (mandated) to work □ Other (please describe)
18. In the past year, has the amount of <u>mandatory</u> unscheduled overtime required of you: <i>(please cheopie response)</i>
 □ Increased □ Remained about the same □ Decreased □ Not applicable
19. Do you think that overtime hours are fairly assigned in your primary facility?
□ Yes

C. The following questions apply to your primary facility.

Using the provided scale of 1 to 5 where 1 means very dissatisfied and 5 means very satisfied, please circle the response that best describes how you feel about each of the following statements.

1= Very Dissatisfied 2= Dissatisfied 3= Neither Satisfied nor Dissatisfied			5= Very Satisfied		NA= Not Applicable		
20.	Overall satisfaction	1	2	3	4	5	NA
21.	Your current base salary	1	2	3	4	5	NA
22.	Salary range for your position	1	2	3	4	5	NA
23.	Employee benefits	1	2	3	4	5	NA
24.	Skill of RNs where you work	1	2	3	4	5	NA
25.	Adequacy of RN staffing where you work	1	2	3	4	5	NA
26.	Adequacy of clerical support services	1	2	3	4	5	NA
27.	Non-nursing tasks required of you (e.g., housekeeping, lab)	1	2	3	4	5	NA
28.	Amount of paperwork required	1	2	3	4	5	NA
29.	Physical work environment	1	2	3	4	5	NA
30.	Level of personal safety at the facility where you work	1	2	3	4	5	NA
31.	Work schedule	1	2	3	4	5	NA
32.	The amount of overtime assigned to you at your primary place of employment	1	2	3	4	5	NA
33.	Job security	1	2	3	4	5	NA
34.	Opportunities for advancement	1	2	3	4	5	NA
35.	Support from nurses with whom you work	1	2	3	4	5	NA
36.	Support from your nursing administration	1	2	3	4	5	NA

Hospital and Long-Term Care Questionnaire

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Section C Continued:							
1= Very	Dissatisfied 2= Dissatisfied 3= Neither Satisfied nor Dissatisfied	4= Satisfied	5= Ve1	ry Satisfie	ed NA	= Not Ap	plicable
37.	Interactions with physicians	1	2	3	4	5	NA
38.	Interactions with other non-nursing staff	1	2	3	4	5	NA
39.	Interactions with traveling agency staff	1	2	3	4	5	NA
40.	Interaction with patients	1	2	3	4	5	NA
41.	Time available for patient education	1	2	3	4	5	NA
42.	Involvement in policy and management decisions	1	2	3	4	5	NA
43.	Opportunities to use your skills	1	2	3	4	5	NA
44.	Opportunities to learn new skills	1	2	3	4	5	NA
45.	Opportunities for continuing education	1	2	3	4	5	NA
46.	Quality of patient care where you work	1	2	3	4	5	NA
47.	Feeling that your work is important	1	2	3	4	5	NA
48.	Other (please describe)	_ 1	2	3	4	5	NA

D. Now we would like your views on the profession of nursing.

Using the provided scale of 1 to 5 where 1 means you strongly disagree and 5 means you strongly agree, please circle the response that best describes how you feel about each of the following statements.

1= Stro	ngly Disagree 2=Disagree 3=Neither Agree nor Disagree	4=Agree	5= Stro	ongly Ag	ree	DK=Don	't Know
49.	Generally speaking, I am very satisfied with nursing	1	2	3	4	5	DK
50.	I frequently think of quitting nursing	1	2	3	4	5	DK
51.	I am generally satisfied with the kind of work I do in nursing	1	2	3	4	5	DK
52.	Most people on this job are satisfied with nursing	1	2	3	4	5	DK
53.	People on this job often think of quitting nursing	1	2	3	4	5	DK

54. Which of the following statements best describe why you would leave nursing all together? (please choose **up to 4** statements that are most important to you)

	I would not leave nursing		Feel overworked					
	Feel burned out from nursing		Concerned with injury to patients					
	Feel unsupported as a nurse		Need more autonomy					
	Concerned with the quality of care		Need more respect					
	Better salary available outside nursing		Plan to retire					
	Better management support		Better work schedules available outside					
	Better advancement opportunities		nursing					
	available outside nursing		Concerned with injury to self					
	Concerned with delegation to unlicensed		Seek more challenging work					
	assistive personnel		Other (please describe)					
ılo	love we would like to learn about your cituation and your community							

E. Next we would like to learn about your situation and your community.

55.	Where did v	ou last attend high school?	(city/state

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Hospital and Long-Term Care Questionnaire

Retention of Nurses in Wyoming

	on, what was the date you began your (college education to become a
57. What was the date you first	received your nursing license? LPN: _	(mm/yyyy)
	RN: _	(mm/yyyy)
58. What is your marital status? to question #63)	P (Please check one response; for all responses of	her than married or cohabitating skip
☐ Married or cohabitating☐ Single	☐ Divorced ☐ Widowed	
59. What is the highest level of e response)	education your spouse or partner has co	ompleted? (please check one
☐ Less than high school ☐ High school graduate (inch ☐ Some college or associate's ☐ Bachelor's degree ☐ Graduate or professional d ☐ Other (please describe):	s degree legree	
60. Was your spouse or partner	employed during the week of July 12, 2	2007?
☐ Yes☐ No (skip to question #63)		
61. In what occupation was your teacher)?	r spouse or partner employed during th	is time (e.g., electrician,
62. What were this person's mos	st important work activities or duties?	
63. Please enter the number of d following categories:	dependents under 25 living in your hou	sehold for each of the
Less than 6 years old 6 to 12 years old 13-18 years old 19-24 years old I do not have any dependent	ndents under 25 years old living in my l	nousehold
64. Do you provide care for your	parents or your spouse/partner's pare	nts?
□ Yes		

Hospital and Long-Term Care Questionnaire

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	Hour Week Weeks Month Other (please specify):
b. How many hours did you work at your pri	imary job during the week of July 12, 2007?
66. What was the total pre-tax income in your l	household in the past 12 months? (Please check one
☐ Less than \$20,000 ☐ \$20,000 to \$29,999 ☐ \$30,000 to \$39,999 ☐ \$40,000 to \$49,999 ☐ \$50,000 to \$59,999 ☐ \$60,000 to \$69,999	□ \$70,000 to \$79,999 □ \$80,000 to \$99,999 □ \$100,000 to \$124,999 □ \$125,000 to \$149,999 □ \$150,000 to \$199,999 □ \$200,000 or more
67. How many years have you lived in your cur	rrent community?
68. Of the following reasons, which one best de (please check one response)	escribes why you live in your current community:
 □ Existing job □ Proximity to school or work □ Spouse or partner's job □ Cost of living/affordable housing □ Other (please describe) 	 □ Proximity to cultural amenities □ Proximity to natural amenities □ Proximity to family
69. a. How much do you agree or disagree with and cannot leave." (please check one response)	the following statement: "I am tied to this community
 □ Strongly agree □ Agree □ Neither agree nor disagree □ Disagree □ Strongly disagree 	
70. b. What is the reason for your answer?	
	y you currently live in. Using the provided scale of 1 to ns very satisfied, please circle the response that besting statements.
	Dissatisfied 4=Satisfied 5=Very Satisfied DK=Don't Know
71. Economic opportunities72. Proximity to family	1 2 3 4 5 DK 1 2 3 4 5 DK

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Hospital and Long-Term Care Questionnaire

Retention of Nurses in Wyoming

Conti		4-0-4:-5-4	5-37	O-4i-	е т	DK=Don't	V
73.		4=Sausned	2	ery Saus	4	ок=доп t 5	DK
73. 74.	Rural character	1	2	3	4	5	DK
75.	Urban character	1	2	3	4	5	DK
	Housing	1	2	3	4	5	DK
-	Public safety services	1	2	3	4	5	DK
	Parks and recreation/natural amenities	1	2	3	4	5	DK
79.	Education (K-12)	1	2	3	4	5	DK
80.	Access to post-secondary education, including continuing education	1	2	3	4	5	DK
81.	Day care services	1	2	3	4	5	DK
82.	Medical care services	1	2	3	4	5	DK
	Mental health services	1	2	3	4	5	DK
84.	Retail shopping	1	2	3	4	5	DK
85.	Restaurants/entertainment	1	2	3	4	5	DK
(please	f given the opportunity, how likely would you be to recheck one response) Very likely Somewhat likely Neither likely nor unlikely Somewhat unlikely Very unlikely Don't know	nove away	fron	ı your	curre	ent con	nmunity?
Pleas	e comment on any topic raised in this questionnaire	: (Continue d	on a se	eparate	piece d	of paper	if necessary)
			-				

Thank you for your participation!

Appendix B: Frequency Tables

Frequencies for Ambulatory Survey, Nurses Working in-State During First and Second Quarter 2007

Frequency Missing = 174

	1. What was your employment status a	3 Of the reference	aato.	
		Frequency	%	Valid %
Valid	Employed Full-Time	293	67.5%	67.7%
	Employed Part-Time	117	27.0%	27.0%
	Retired	5	1.2%	1.2%
	Not Working Outside Home	9	2.1%	2.1%
	Volunteer	1	0.2%	0.2%
	Employed, Not in Nursing	8	1.8%	1.8%
	Total	433	99.8%	100.0%
Missing	No Answer	1	0.2%	
	Total	1	0.2%	
Total		434	100.0%	
mbulatory	in-State Questionnaire 2a. Which of the following best describ	-		
	2a. Which of the following best describ	Frequency	%	Valid %
mbulatory i	2a. Which of the following best describ	Frequency 6	% 1.4%	Valid %
	2a. Which of the following best describ Nurse Educator Administration/Management	Frequency 6 52	% 1.4% 12.0%	Valid % 1.5% 12.8%
	Nurse Educator Administration/Management Quality Assurance/Risk Management	Frequency 6 52 2	% 1.4% 12.0% 0.5%	Valid % 1.5% 12.8% 0.5%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care	Frequency 6 52 2 312	% 1.4% 12.0% 0.5% 71.9%	Valid % 1.5% 12.8% 0.5% 76.7%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control	Frequency 6 52 2 312 1	% 1.4% 12.0% 0.5% 71.9% 0.2%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review	Frequency 6 52 2 312 1 7	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other	Frequency 6 52 2 312 1 7 22	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen	Frequency 6 52 2 312 1 7 22 5	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1% 1.2%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4% 1.2%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other	Frequency 6 52 2 312 1 7 22	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4%
	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen	Frequency 6 52 2 312 1 7 22 5	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1% 1.2%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4% 1.2%
Valid	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen Total	Frequency 6 52 2 312 1 7 22 5 407	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1% 1.2% 93.7%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4% 1.2%
Valid	Nurse Educator Administration/Management Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen Total Skip, Not Employed in Nursing	Frequency 6 52 2 312 1 7 22 5 407	% 1.4% 12.0% 0.5% 71.9% 0.2% 1.6% 5.1% 1.2% 93.7%	Valid % 1.5% 12.8% 0.5% 76.7% 0.2% 1.7% 5.4% 1.2%

Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Re Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total				
Renal/Urology Neurology Pediatrics General Surge General Medic Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		Frequency	%	Valid %
Neurology Pediatrics General Surge General Media Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		9	2.1%	2.8%
Pediatrics General Surge General Media Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	y	12	2.8%	3.7%
General Surge General Medic Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		6	1.4%	1.9%
General Medic Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Re Corrections Allergies/Astr Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		19	4.4%	5.9%
Cancer Care Orthopedics Respiratory Mental Health Women's Heal Emergency Re Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	ery	46	10.6%	14.2%
Orthopedics Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	cine/Family Practice	56	12.9%	17.3%
Respiratory Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		15	3.5%	4.6%
Mental Health Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		22	5.1%	6.8%
Women's Heal Emergency Ro Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		1	0.2%	0.3%
Emergency Ro Corrections Allergies/Astr Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	n	11	2.5%	3.4%
Corrections Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	lth	30	6.9%	9.3%
Allergies/Asth Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	oom	2	0.5%	0.6%
Dermatology Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		3	0.7%	0.9%
Anesthesia Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	hma	5	1.2%	1.5%
Assisted Livin Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		7	1.6%	2.2%
Home Health CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		4	0.9%	1.2%
CCU/ICU PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	ng/LTC	3	0.7%	0.9%
PACU Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total	Care	26	6.0%	8.0%
Med-Surg Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		2	0.5%	0.6%
Gastrointestir Float Pool Ophthalmolog Urgent Care Public Health Other Total		5	1.2%	1.5%
Float Pool Ophthalmolog Urgent Care Public Health Other Total		3	0.7%	0.9%
Ophthalmolog Urgent Care Public Health Other Total	nal	7	1.6%	2.2%
Urgent Care Public Health Other Total		5	1.2%	1.5%
Public Health Other Total	gy	1	0.2%	0.3%
Other Total		4	0.9%	1.2%
Total	L	1	0.2%	0.3%
		19	4.4%	5.9%
Missing Skip, Not Em		324	74.6%	100.0%
3 1	ployed in Nursing	23	5.3%	
Skip		87	20.0%	
Total		110	25.3%	

mbulatory i	n-State Questionnaire			
	2b. Are you a nurse practitioner?			
		Frequency	%	Valid 9
Valid	Not a Nurse Practitioner	348	80.2%	85.3%
	Nurse Anesthetist	6	1.4%	1.5%
	Family Nurse Practitioner	34	7.8%	8.3%
	Other	20	4.6%	4.9%
	Total	408	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	3	0.7%	
	Total	26	6.0%	
Total				
mbulatory i	n-State Questionnaire			
	4. Which of the following best descr		_	
X 7 1 1 1	A 1 1	Frequency	% 77.0%	Valid 9
Valid	Ambulatory Healthcare	335	77.2%	82.5%
	Hospitals	39	9.0%	9.6%
	Long-Term Care	12	2.8%	3.0%
	Other	20	4.6%	4.9%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	6. Do you plan to leave employment 12 months?	with your primary f	acility within	the next
		Frequency	%	Valid %
Valid	Yes	74	17.1%	18.1%
	No	334	77.0%	81.9%
	Total	408	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	3	0.7%	
	Total	26	6.0%	
Total		434	100.0%	

	7. If you answered YES to planning to leprimary reason for leaving?	eave in the next 1	12 months, w	hat is your
		Frequency	%	Valid %
Valid	Taking Another Job in Healthcare	26	6.0%	35.1%
	Taking Another Job Outside Healthcare	4	0.9%	5.4%
	Family Status Change	5	1.2%	6.8%
	Relocating	12	2.8%	16.2%
	Continuing Education	3	0.7%	4.1%
	Retiring	8	1.8%	10.8%
	Other	16	3.7%	21.6%
	Total	74	17.0%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	Skip	332	76.5%	
	No Answer	5	1.2%	
	Total	360	82.9%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	8. When do you plan to retire from you	r primary facility	?	
		Frequency	%	Valid %
Valid	More Than 1 Year But Less Than 3	39	9.0%	10.1%
	More Than 3 Years But Less Than 5	27	6.2%	7.0%
	More Than 5 Years	190	43.8%	49.2%
	Don't Know	130	29.9%	33.7%
	Total	386	88.9%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	Skip	10	2.3%	
	No Answer	15	3.5%	
		48		

	9. Do you plan to continue working facility?	as a nurse after retir	ing from you	r primary
		Frequency	%	Valid %
Valid	Yes	92	21.2%	22.9%
	No	90	20.7%	22.4%
	Don't Know	219	50.5%	54.6%
	Total	401	92.4%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	Skip	1	0.2%	
	No Answer	9	2.1%	
	Total	33	7.6%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	10. If you have a second job, is it in	nursing?		
		Frequency	%	Valid %
Valid	Yes	69	15.9%	17.1%
	No	303	69.8%	75.2%
	Second Job Not in Nursing	31	7.1%	7.7%
		403	92.8%	100.0%
	Total	100	32.070	100.070
Missing	Total Skip, Not Employed in Nursing	23	5.3%	100.070
Missing				100.076

	11. Which of the following best desc nursing job?	ribes the position ti	tle of your sed	condary
		Frequency	%	Valid %
Valid	Direct Patient Care	44	10.1%	59.5%
	Administration/Management	1	0.2%	1.4%
	Nurse Educator	2	0.5%	2.7%
	Researcher/Consultant	2	0.5%	2.7%
	Nurse Practitioner	9	2.1%	12.2%
	Other	14	3.2%	18.9%
	Don't Know	2	0.5%	2.7%
	Total	74	17.0%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	Skip	327	75.3%	
	No Answer	10	2.3%	
	Total	360	82.9%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	12. Which of the following best desc	-		
		Frequency	%	Valid %
Valid	Ambulatory Healthcare	42	9.7%	58.3%
	Hospitals	12	2.8%	16.7%
	Long-Term Care	5	1.2%	6.9%
	Other	13	3.0%	18.1%
	Total	72	16.6%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	Skip	327	75.3%	
	No Answer	10	2.3%	
	Don't Know	2	0.5%	
	Total	362	83.4%	

	13. How would you rate your overall	satisfaction with yo	our primary fa	cility?
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	1.6%	1.7%
	Dissatisfied	25	5.8%	6.2%
	Neither Satisfied Nor Dissatisfied	60	13.8%	14.8%
	Satisfied	196	45.2%	48.3%
	Very Satisfied	118	27.2%	29.1%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		424	100.00/	
	in-State Questionnaire 14. How would you rate your satisfac	434	100.0%	r primary
	14. How would you rate your satisfac			r primary
		tion with your base		r primary Valid %
	14. How would you rate your satisfac		salary at you	Valid %
mbulatory	14. How would you rate your satisfac facility?	tion with your base Frequency	salary at you %	. ,
mbulatory	14. How would you rate your satisfac facility? Very Dissatisfied	tion with your base Frequency 39	salary at you % 9.0%	Valid %
mbulatory	14. How would you rate your satisfactacility? Very Dissatisfied Dissatisfied	Frequency 39 100	% 9.0% 23.0%	Valid % 9.7% 24.9% 18.9%
mbulatory	14. How would you rate your satisfactacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 39 100 76	% 9.0% 23.0% 17.5%	Valid % 9.7% 24.9%
mbulatory	14. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 39 100 76 136	9.0% 23.0% 17.5% 31.3%	Valid % 9.7% 24.9% 18.9% 33.8%
mbulatory	14. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 39 100 76 136 51	9.0% 23.0% 17.5% 31.3% 11.8%	9.7% 24.9% 18.9% 33.8% 12.7%
mbulatory Valid	14. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 39 100 76 136 51 402	9.0% 23.0% 17.5% 31.3% 11.8% 92.6%	9.7% 24.9% 18.9% 33.8% 12.7%
mbulatory Valid	14. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 39 100 76 136 51 402	9.0% 9.0% 23.0% 17.5% 31.3% 11.8% 92.6%	9.7% 24.9% 18.9% 33.8% 12.7%

] ; ;	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 41 102 87	% 9.4% 23.5%	Valid %
]] S	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	102 87		10.1%
] S T	Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	87	23.5%	
1	Satisfied Very Satisfied			25.2%
, I	Very Satisfied		20.0%	21.5%
I	v	119	27.4%	29.4%
	Not Applicable	44	10.1%	10.9%
-	Not Applicable	12	2.8%	3.0%
	Total	405	93.3%	100.0%
Missing S	Skip, Not Employed in Nursing	23	5.3%	
J	No Answer	6	1.4%	
-	Total	29	6.7%	
Total		434	99.9%	
	16. How would you rate your satisfac primary facility?	tion with the emplo	yee benefits a	at your
•		Frequency	%	Valid %
Valid	Very Dissatisfied	35	8.1%	8.6%
]	Dissatisfied	79	18.2%	19.5%
I	Neither Satisfied Nor Dissatisfied	72	16.6%	17.8%
\$	Satisfied	109	25.1%	26.9%
7	Very Satisfied	81	18.7%	20.0%
I	Not Applicable	29	6.7%	7.2%
-	Total	405	93.3%	100.0%
Missing S	Skip, Not Employed in Nursing	23	5.3%	
J	No Answer	6	1.4%	
-	Total	29	6.7%	

	17. How would you rate your satisfac	tion with the skill o	of RNs where y	you work?
		Frequency	%	Valid %
Valid	Very Dissatisfied	4	0.9%	1.0%
	Dissatisfied	23	5.3%	5.7%
	Neither Satisfied Nor Dissatisfied	58	13.4%	14.3%
	Satisfied	168	38.7%	41.5%
	Very Satisfied	112	25.8%	27.7%
	Not Applicable	40	9.2%	9.9%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
Total		434	99.9% ^a	
	equal 100.0% due to rounding. in-State Questionnaire	tion with the edeau	and of DN sta	ffin a
	in-State Questionnaire 18. How would you rate your satisfac	tion with the adequ	acy of RN sta	ffing
	in-State Questionnaire	tion with the adequ	acy of RN sta %	
	in-State Questionnaire 18. How would you rate your satisfac			Valid %
mbulatory i	in-State Questionnaire 18. How would you rate your satisfac where you work?	Frequency	%	Valid % 5.7%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfac where you work? Very Dissatisfied	Frequency 23	% 5.3%	Valid % 5.7% 14.9%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied	Frequency 23 60	% 5.3% 13.8%	Valid % 5.7% 14.9% 18.4%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	23 60 74	% 5.3% 13.8% 17.1%	Valid % 5.7% 14.9% 18.4% 31.8%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	23 60 74 128	% 5.3% 13.8% 17.1% 29.5%	Valid % 5.7% 14.9% 18.4% 31.8% 20.1%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	23 60 74 128 81	% 5.3% 13.8% 17.1% 29.5% 18.7%	Valid % 5.7% 14.9% 18.4% 31.8% 20.1% 9.0%
mbulatory i	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	23 60 74 128 81 36	5.3% 13.8% 17.1% 29.5% 18.7% 8.3%	Valid % 5.7% 14.9% 18.4% 31.8% 20.1% 9.0%
mbulatory Valid	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	23 60 74 128 81 36 402	5.3% 13.8% 17.1% 29.5% 18.7% 8.3% 92.6%	ffing Valid % 5.7% 14.9% 18.4% 31.8% 20.1% 9.0% 100.0%
mbulatory Valid	in-State Questionnaire 18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	23 60 74 128 81 36 402	% 5.3% 13.8% 17.1% 29.5% 18.7% 8.3% 92.6%	Valid % 5.7% 14.9% 18.4% 31.8% 20.1% 9.0%

	services at your primary facility?	Frequency	%	Valid %
Valid	Very Dissatisfied	13	3.0%	3.2%
	Dissatisfied	59	13.6%	14.6%
	Neither Satisfied Nor Dissatisfied	93	21.4%	23.0%
	Satisfied	152	35.0%	37.5%
	Very Satisfied	83	19.1%	20.5%
	Not Applicable	5	1.2%	1.2%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
T-4-1				
Total	in-State Questionnaire	434	100.0%	
	20. How would you rate your satisfac			required of
		tion with the non-n	ursing tasks	
	20. How would you rate your satisfact you at your primary facility?			required of Valid % 4.5%
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied	Frequency	ursing tasks % 4.1%	Valid %
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied	Frequency 18 64	% 4.1% 14.7%	Valid % 4.5% 16.0%
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied	Frequency	ursing tasks % 4.1%	Valid %
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 18 64 122	4.1% 14.7% 28.1%	Valid % 4.5% 16.0% 30.5%
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 18 64 122 135	4.1% 14.7% 28.1% 31.1%	Valid % 4.5% 16.0% 30.5% 33.8%
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 18 64 122 135 27	4.1% 14.7% 28.1% 31.1% 6.2%	Valid % 4.5% 16.0% 30.5% 33.8% 6.8%
mbulatory	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 18 64 122 135 27 34	4.1% 14.7% 28.1% 31.1% 6.2% 7.8%	Valid % 4.5% 16.0% 30.5% 33.8% 6.8%
mbulatory Valid	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 18 64 122 135 27 34 400	4.1% 4.1% 14.7% 28.1% 31.1% 6.2% 7.8% 92.1%	Valid % 4.5% 16.0% 30.5% 33.8% 6.8%
mbulatory Valid	20. How would you rate your satisfact you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 18 64 122 135 27 34 400	4.1% 4.1% 14.7% 28.1% 31.1% 6.2% 7.8% 92.1%	Valid % 4.5% 16.0% 30.5% 33.8% 6.8%

	21. How would you rate your satisfact required of you at your primary facil		nt of paperwo	rk
	. , , , , ,	Frequency	%	Valid %
Valid	Very Dissatisfied	43	9.9%	10.6%
	Dissatisfied	91	21.0%	22.5%
	Neither Satisfied Nor Dissatisfied	115	26.5%	28.5%
	Satisfied	129	29.7%	31.9%
	Very Satisfied	24	5.5%	5.9%
	Not Applicable	2	0.5%	0.5%
	Total	404	93.1%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	7	1.6%	
	Total	30	6.9%	
Total mbulatory	in-State Questionnaire	434	100.0%	
	in-State Questionnaire 22. How would you rate your satisfac	tion with your phys	sical work env	
mbulatory		tion with your phys	sical work env %	/ironment? Valid %
	22. How would you rate your satisfactors Very Dissatisfied	etion with your phys Frequency 7	sical work env % 1.6%	Valid %
mbulatory	Very Dissatisfied Dissatisfied	Frequency 7	% 1.6% 3.7%	Valid % 1.7% 4.0%
mbulatory	22. How would you rate your satisfactors Very Dissatisfied	etion with your phys Frequency 7	sical work env % 1.6%	Valid %
mbulatory	Very Dissatisfied Dissatisfied	Frequency 7	% 1.6% 3.7%	Valid % 1.7% 4.0%
mbulatory	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 7 16 81	1.6% 3.7% 18.7%	Valid % 1.7% 4.0% 20.1%
mbulatory	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 7 16 81 184	1.6% 3.7% 18.7% 42.4%	Valid % 1.7% 4.0% 20.1% 45.8% 27.4%
mbulatory	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 7 16 81 184	% 1.6% 3.7% 18.7% 42.4% 25.3%	Valid % 1.7% 4.0% 20.1% 45.8%
mbulatory	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Very Satisfied	Frequency 7 16 81 184 110 4	1.6% 3.7% 18.7% 42.4% 25.3% 0.9%	Valid % 1.7% 4.0% 20.1% 45.8% 27.4% 1.0%
mbulatory Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 7 16 81 184 110 4 402	% 1.6% 3.7% 18.7% 42.4% 25.3% 0.9% 92.6%	Valid % 1.7% 4.0% 20.1% 45.8% 27.4% 1.0%
mbulatory Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 7 16 81 184 110 4 402	1.6% 3.7% 18.7% 42.4% 25.3% 0.9% 92.6%	Valid % 1.7% 4.0% 20.1% 45.8% 27.4% 1.0%

	facility whoma you work?	tion with the level	•	•
	facility where you work?	Frequency	%	Valid %
Valid	Very Dissatisfied	9	2.1%	2.2%
	Dissatisfied	15	3.5%	3.7%
	Neither Satisfied Nor Dissatisfied	49	11.3%	12.1%
	Satisfied	162	37.3%	40.0%
	Very Satisfied	167	38.5%	41.2%
	Not Applicable	3	0.7%	0.7%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
Total mbulatory	in-State Questionnaire	434	100.0%	
	24. How would you rate your satisfac			your
		tion with your work		
	24. How would you rate your satisfact primary facility?		c schedule at	your Valid % 2.2%
mbulatory	24. How would you rate your satisfac	tion with your work Frequency	c schedule at %	Valid %
mbulatory	24. How would you rate your satisfact primary facility? Very Dissatisfied	tion with your work Frequency	x schedule at % 2.1%	Valid % 2.2% 6.4%
mbulatory	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied	Frequency 9 26	% 2.1% 6.0%	Valid % 2.2% 6.4% 10.3%
mbulatory	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 9 26 42	% 2.1% 6.0% 9.7%	Valid %
mbulatory	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 9 26 42 163	2.1% 6.0% 9.7% 37.5%	Valid % 2.2% 6.4% 10.3% 40.1% 40.9%
mbulatory	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 9 26 42 163 166	% 2.1% 6.0% 9.7% 37.5% 38.2%	Valid % 2.2% 6.4% 10.3% 40.1% 40.9%
mbulatory Valid	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 9 26 42 163 166 406	% 2.1% 6.0% 9.7% 37.5% 38.2% 93.5%	Valid % 2.2% 6.4% 10.3% 40.1% 40.9%
mbulatory Valid	24. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 9 26 42 163 166 406	% 2.1% 6.0% 9.7% 37.5% 38.2% 93.5%	Valid % 2.2% 6.4% 10.3% 40.1%

	25. How would you rate your satisfact facility?	tion with job securi	ity at your pri	imary
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	1.6%	1.7%
	Dissatisfied	24	5.5%	5.9%
	Neither Satisfied Nor Dissatisfied	57	13.1%	14.1%
	Satisfied	145	33.4%	35.8%
	Very Satisfied	171	39.4%	42.2%
	Not Applicable	1	0.2%	0.2%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
Total mbulatory	in-State Questionnaire	434	100.0%	imary
	26. How would you rate the opportur			imary
				imary Valid %
	26. How would you rate the opportur	nities for advanceme	ent at your pr	-
mbulatory	26. How would you rate the opportur facility?	nities for advanceme Frequency	ent at your pr %	Valid %
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied	Frequency	ent at your pr % 6.0%	Valid % 6.4%
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied	Frequency 26 86	ent at your pr % 6.0% 19.8%	Valid % 6.4% 21.2%
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 26 86 111	ent at your pr % 6.0% 19.8% 25.6%	Valid % 6.4% 21.2% 27.3%
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 26 86 111 99	ent at your pr 6.0% 19.8% 25.6% 22.8%	Valid % 6.4% 21.2% 27.3% 24.4%
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 26 86 111 99 42	ent at your pr % 6.0% 19.8% 25.6% 22.8% 9.7%	Valid % 6.4% 21.2% 27.3% 24.4% 10.3%
mbulatory	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 26 86 111 99 42 42	ent at your pr % 6.0% 19.8% 25.6% 22.8% 9.7% 9.7%	Valid % 6.4% 21.2% 27.3% 24.4% 10.3% 10.3%
mbulatory Valid	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 26 86 111 99 42 42 406	ent at your pr % 6.0% 19.8% 25.6% 22.8% 9.7% 9.7% 93.5%	Valid % 6.4% 21.2% 27.3% 24.4% 10.3% 10.3%
mbulatory Valid	26. How would you rate the opportur facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 26 86 111 99 42 42 406	ent at your pr % 6.0% 19.8% 25.6% 22.8% 9.7% 9.7% 93.5%	Valid % 6.4% 21.2% 27.3% 24.4% 10.3% 10.3%

	27. How would you rate your satisfac whom you work at your primary facil	• • • • • • • • • • • • • • • • • • • •	om the nurse	s with
		Frequency	%	Valid %
Valid	Very Dissatisfied	5	1.2%	1.2%
	Dissatisfied	27	6.2%	6.7%
	Neither Satisfied Nor Dissatisfied	48	11.1%	11.8%
	Satisfied	148	34.1%	36.5%
	Very Satisfied	138	31.8%	34.0%
	Not Applicable	40	9.2%	9.9%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
T-4-1		40.4		
Total	in-State Questionnaire 28. How would you rate your satisfac		100.0%	sing
		tion with support fi	rom your nurs	J
mbulatory	28. How would you rate your satisfact administration at your primary facility	tion with support f ty? Frequency	rom your nurs %	Valid %
	28. How would you rate your satisfact administration at your primary facility Very Dissatisfied	tion with support fi ty? Frequency	rom your nurs % 6.5%	Valid % 9.1%
mbulatory	28. How would you rate your satisfact administration at your primary facility Very Dissatisfied Dissatisfied	tion with support for ty? Frequency 28 45	% 6.5% 10.4%	Valid % 9.1% 14.6%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	tion with support fity? Frequency 28 45 57	% 6.5% 10.4% 13.1%	Valid % 9.1% 14.6% 18.4%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	tion with support fity? Frequency 28 45 57 93	6.5% 10.4% 13.1% 21.4%	Valid % 9.1% 14.6% 18.4% 30.1%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	tion with support fity? Frequency 28 45 57 93 85	% 6.5% 10.4% 13.1% 21.4% 19.6%	9.1% 14.6% 18.4% 30.1% 27.5%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	frequency 28 45 57 93 85	6.5% 10.4% 13.1% 21.4% 19.6% 0.2%	9.1% 14.6% 18.4% 30.1% 27.5% 0.3%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	tion with support fity? Frequency 28 45 57 93 85	% 6.5% 10.4% 13.1% 21.4% 19.6%	9.1% 14.6% 18.4% 30.1% 27.5% 0.3% 100.0%
mbulatory	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	frequency 28 45 57 93 85	6.5% 10.4% 13.1% 21.4% 19.6% 0.2%	Valid % 9.1% 14.6% 18.4% 30.1% 27.5% 0.3%
mbulatory Valid	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	tion with support fity? Frequency 28 45 57 93 85 1 309	% 6.5% 10.4% 13.1% 21.4% 19.6% 0.2% 71.2%	Valid % 9.1% 14.6% 18.4% 30.1% 27.5% 0.3%
mbulatory Valid	28. How would you rate your satisfact administration at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total Not Applicable	tion with support fity? Frequency 28 45 57 93 85 1 309	6.5% 10.4% 13.1% 21.4% 19.6% 0.2% 71.2%	Valid % 9.1% 14.6% 18.4% 30.1% 27.5% 0.3%

	29. How would you rate your satisfac			
	your primary facility?	Frequency	%	Valid %
Valid	Very Dissatisfied	5	1.2%	1.2%
	Dissatisfied	32	7.4%	7.9%
	Neither Satisfied Nor Dissatisfied	65	15.0%	16.0%
	Satisfied	150	34.6%	37.0%
	Very Satisfied	147	33.9%	36.3%
	Not Applicable	6	1.4%	1.5%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
	Total	29	0.7%	
Total mbulatory	in-State Questionnaire	434	100.0%	
	in-State Questionnaire 30. How would you rate your satisfac	434	100.0%	r non-
	in-State Questionnaire	434	100.0%	
	in-State Questionnaire 30. How would you rate your satisfac	434 tion with interaction?	100.0%	Valid %
mbulatory	in-State Questionnaire 30. How would you rate your satisfac nursing staff at your primary facility	434 tion with interactio ? Frequency	100.0% ons with other	Valid %
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied	434 tion with interaction? Frequency	100.0% ons with other % 0.7%	Valid % 0.7% 5.4%
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied	434 tion with interaction? Frequency 3 22	100.0% ons with other % 0.7% 5.1%	Valid % 0.7% 5.4% 15.3%
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	tion with interaction? Frequency 3 22 62	100.0% ons with other % 0.7% 5.1% 14.3%	Valid % 0.7% 5.4% 15.3% 46.8%
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	434 tion with interaction? Frequency 3 22 62 190	100.0% ons with other % 0.7% 5.1% 14.3% 43.8%	Valid % 0.7% 5.4% 15.3% 46.8% 30.8%
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	tion with interaction? Frequency 3 22 62 190 125	100.0% ons with other % 0.7% 5.1% 14.3% 43.8% 28.8%	7 non- Valid % 0.7% 5.4% 15.3% 46.8% 30.8% 1.0%
mbulatory	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	434 tion with interaction? Frequency 3 22 62 190 125 4	100.0% ons with other % 0.7% 5.1% 14.3% 43.8% 28.8% 0.9%	Valid % 0.7% 5.4% 15.3% 46.8% 30.8% 1.0%
mbulatory Valid	in-State Questionnaire 30. How would you rate your satisfact nursing staff at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	434 tion with interaction? Frequency 3 22 62 190 125 4 406	100.0% ons with other % 0.7% 5.1% 14.3% 43.8% 28.8% 0.9% 93.5%	Valid % 0.7% 5.4% 15.3% 46.8% 30.8% 1.0%

	31. How would you rate your satisfac agency staff at your primary facility?		ons with trave	ling
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	0.5%	0.5%
	Dissatisfied	5	1.2%	1.2%
	Neither Satisfied Nor Dissatisfied	38	8.8%	9.4%
	Satisfied	42	9.7%	10.4%
	Very Satisfied	13	3.0%	3.2%
	Not Applicable	303	69.8%	74.8%
	Don't Know	2	0.5%	0.5%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
Total		434	400.00/	
mbulatory	in-State Questionnaire	434	100.0%	
mbulatory i	32. How would you rate your satisfac			your
mbulatory				your Valid %
mbulatory Valid	32. How would you rate your satisfac	tion with patient ir	nteractions at	-
	32. How would you rate your satisfac primary facility?	tion with patient ir Frequency	iteractions at %	Valid %
	32. How would you rate your satisfac primary facility? Very Dissatisfied	tion with patient ir Frequency	nteractions at % 0.2%	Valid % 0.2%
	32. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied	tion with patient in Frequency 1 2	% 0.2% 0.5%	Valid % 0.2% 0.5% 6.4%
	32. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	tion with patient in Frequency 1 2 26	0.2% 0.5% 6.0%	Valid % 0.2% 0.5% 6.4% 34.6%
	32. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 2 26 140	0.2% 0.5% 6.0% 32.3%	Valid % 0.2% 0.5% 6.4% 34.6% 57.3%
	32. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 2 26 140 232	% 0.2% 0.5% 6.0% 32.3% 53.4%	Valid % 0.2% 0.5%
	32. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 1 2 26 140 232 4	0.2% 0.5% 6.0% 32.3% 53.4% 0.9%	Valid % 0.2% 0.5% 6.4% 34.6% 57.3% 1.0%
Valid	32. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 1 2 26 140 232 4 405	0.2% 0.5% 6.0% 32.3% 53.4% 0.9% 93.3%	Valid % 0.2% 0.5% 6.4% 34.6% 57.3% 1.0%
Valid	32. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 1 2 26 140 232 4 405	0.2% 0.5% 6.0% 32.3% 53.4% 0.9% 93.3%	Valid % 0.2% 0.5% 6.4% 34.6% 57.3% 1.0%

	33. How would you rate your satisfact education at your primary facility?	tion with the time	available for p	atient
		Frequency	%	Valid %
Valid	Very Dissatisfied	14	3.2%	3.5%
	Dissatisfied	73	16.8%	18.0%
	Neither Satisfied Nor Dissatisfied	90	20.7%	22.2%
	Satisfied	157	36.2%	38.8%
	Very Satisfied	63	14.5%	15.6%
	Not Applicable	8	1.8%	2.0%
	Total	405	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	6	1.4%	
	Total	29	6.7%	
Total		434	100.0%	
	in-State Questionnaire	tion with your invo		liou and
	in-State Questionnaire 34. How would you rate your satisfac management decisions at your prima			olicy and
	34. How would you rate your satisfac			
	34. How would you rate your satisfac	ry facility?	Ivement in po	Valid %
mbulatory	34. How would you rate your satisfact management decisions at your prima	ry facility? Frequency	Ivement in po	Valid % 7.7% 16.3%
mbulatory	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied	Frequency 31	Ivement in po	Valid %
mbulatory	34. How would you rate your satisfact management decisions at your primate very Dissatisfied Dissatisfied	Frequency 31 66	% 7.1% 15.2%	Valid % 7.7% 16.3%
mbulatory	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 31 66 110	7.1% 15.2% 25.3%	Valid % 7.7% 16.3% 27.2%
mbulatory	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 31 66 110 121	7.1% 15.2% 25.3% 27.9%	Valid % 7.7% 16.3% 27.2% 29.9%
mbulatory	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 31 66 110 121 55	7.1% 15.2% 25.3% 27.9% 12.7%	Valid % 7.7% 16.3% 27.2% 29.9% 13.6%
mbulatory	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 31 66 110 121 55 22	7.1% 15.2% 25.3% 27.9% 12.7% 5.1%	Valid % 7.7% 16.3% 27.2% 29.9% 13.6% 5.4%
mbulatory Valid	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 31 66 110 121 55 22 405	7.1% 15.2% 25.3% 27.9% 12.7% 5.1% 93.3%	Valid % 7.7% 16.3% 27.2% 29.9% 13.6% 5.4%
mbulatory Valid	34. How would you rate your satisfact management decisions at your prima Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 31 66 110 121 55 22 405	7.1% 15.2% 25.3% 27.9% 12.7% 5.1% 93.3%	Valid % 7.7% 16.3% 27.2% 29.9% 13.6% 5.4%

	35. How would you rate your satisfac	tion with the oppor	tunities to us	se your
	skills at your primary facility?	Frequency	%	Valid %
Valid	Very Dissatisfied	8	1.8%	2.0%
	Dissatisfied	32	7.4%	7.9%
	Neither Satisfied Nor Dissatisfied	76	17.5%	18.7%
	Satisfied	177	40.8%	43.6%
	Very Satisfied	113	26.0%	27.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
	skills at your primary facility?	F	04	W-11-1-04
Valid		Frequency	%	Valid %
vanu		0	0 10/	2.20/
	Very Dissatisfied	9	2.1%	2.2%
	Dissatisfied	49	11.3%	12.1%
	Dissatisfied Neither Satisfied Nor Dissatisfied	49 103	11.3% 23.7%	12.1% 25.4%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	49 103 145	11.3% 23.7% 33.4%	12.1% 25.4% 35.7%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	49 103 145 98	11.3% 23.7% 33.4% 22.6%	12.1% 25.4% 35.7% 24.1%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	49 103 145 98 2	11.3% 23.7% 33.4% 22.6% 0.5%	12.1% 25.4% 35.7% 24.1% 0.5%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	49 103 145 98	11.3% 23.7% 33.4% 22.6%	12.1% 25.4% 35.7% 24.1%
Missing	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	49 103 145 98 2	11.3% 23.7% 33.4% 22.6% 0.5%	12.1% 25.4% 35.7% 24.1% 0.5%
Missing	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	49 103 145 98 2 406	11.3% 23.7% 33.4% 22.6% 0.5% 93.5%	12.1% 25.4% 35.7% 24.1% 0.5%
Missing	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	49 103 145 98 2 406	11.3% 23.7% 33.4% 22.6% 0.5% 93.5% 5.3%	12.1% 25.4% 35.7% 24.1% 0.5%

	<u> </u>			
	education at your primary facility?	Frequency	%	Valid %
Valid	Very Dissatisfied	26	6.0%	6.4%
	Dissatisfied	76	17.5%	18.7%
	Neither Satisfied Nor Dissatisfied	103	23.7%	25.4%
	Satisfied	120	27.6%	29.6%
	Very Satisfied	75	17.3%	18.5%
	Not Applicable	6	1.4%	1.5%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total	in-State Questionnaire	434	100.0%	
	38. How would you rate your satisfac			are at your
		ction with the qualit		are at your
	38. How would you rate your satisfact primary facility?		ty of patient o	-
mbulatory	38. How would you rate your satisfac	tion with the qualit	ty of patient o	Valid %
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied	Frequency	y of patient of %	Valid %
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied	Frequency 7	% 1.6% 2.8%	Valid % 1.7% 3.0%
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 7 12 38	% 1.6% 2.8% 8.8%	Valid % 1.7% 3.0% 9.4%
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 7 12 38 154	1.6% 2.8% 8.8% 35.5%	Valid % 1.7% 3.0% 9.4% 37.9%
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 7 12 38 154	1.6% 2.8% 8.8% 35.5% 43.8%	Valid % 1.7% 3.0% 9.4% 37.9% 46.8%
mbulatory	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 7 12 38 154 190 5	1.6% 2.8% 8.8% 35.5% 43.8% 1.2%	Valid % 1.7% 3.0% 9.4% 37.9% 46.8% 1.2%
mbulatory Valid	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 7 12 38 154 190 5 406	1.6% 2.8% 8.8% 35.5% 43.8% 1.2% 93.5%	Valid % 1.7% 3.0% 9.4% 37.9% 46.8% 1.2%
mbulatory Valid	38. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 7 12 38 154 190 5 406	% 1.6% 2.8% 8.8% 35.5% 43.8% 1.2% 93.5%	Valid % 1.7% 3.0% 9.4% 37.9% 46.8% 1.2%

	39. How would you rate your satisfac important at your primary facility?	tion with the feelin	g that your w	ork is
		Frequency	%	Valid %
Valid	Very Dissatisfied	12	2.8%	3.0%
	Dissatisfied	9	2.1%	2.3%
	Neither Satisfied Nor Dissatisfied	39	9.0%	9.8%
	Satisfied	146	33.6%	36.7%
	Very Satisfied	192	44.2%	48.2%
	Total	398	91.7%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	13	3.0%	
	Total	36	8.3%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire 40. How would you rate your satisfac facility?	tion with other issu	ues at your pr	imary
mbulatory	40. How would you rate your satisfac		,	,
	40. How would you rate your satisfact facility?	Frequency	%	Valid %
mbulatory Valid	40. How would you rate your satisfact facility? Very Dissatisfied	Frequency 9	% 2.1%	Valid %
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied	Frequency 9 1	% 2.1% 0.2%	Valid % 24.3% 2.7%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 9 1 4	% 2.1% 0.2% 0.9%	Valid % 24.3% 2.7% 10.8%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	9 1 4 6	% 2.1% 0.2% 0.9% 1.4%	Valid % 24.3% 2.7% 10.8% 16.2%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	9 1 4 6 9	% 2.1% 0.2% 0.9% 1.4% 2.1%	Valid % 24.3% 2.7% 10.8% 16.2% 24.3%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	9 1 4 6 9 6	% 2.1% 0.2% 0.9% 1.4% 2.1% 1.4%	Valid % 24.3% 2.7% 10.8% 16.2% 24.3% 16.2%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	9 1 4 6 9	% 2.1% 0.2% 0.9% 1.4% 2.1%	Valid % 24.3% 2.7% 10.8% 16.2% 24.3% 16.2% 5.4%
Valid	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total	Frequency 9 1 4 6 9 6 2 37	% 2.1% 0.2% 0.9% 1.4% 2.1% 1.4% 0.5% 8.5%	Valid % 24.3% 2.7% 10.8% 16.2% 24.3% 16.2% 5.4%
	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total Skip, Not Employed in Nursing	Frequency 9 1 4 6 9 6 2 37	% 2.1% 0.2% 0.9% 1.4% 2.1% 1.4% 0.5% 8.5%	Valid % 24.3% 2.7% 10.8% 16.2% 24.3% 16.2% 5.4%
Valid	40. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total	Frequency 9 1 4 6 9 6 2 37	% 2.1% 0.2% 0.9% 1.4% 2.1% 1.4% 0.5% 8.5%	Valid % 24.3% 2.7%

	41. How would you rate the stateme with nursing"?	nt "Generally speak	ing, I am very	satisfied
		Frequency	%	Valid %
Valid	Strongly Disagree	8	1.8%	2.0%
	Disagree	42	9.7%	10.4%
	Neither Agree Nor Disagree	77	17.7%	19.1%
	Agree	171	39.4%	42.3%
	Strongly Agree	106	24.4%	26.2%
	Total	404	93.1%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	7	1.6%	
	Total	30	6.9%	
Total		434	100.0%	
	42. How would you rate the stateme	ent "I frequently thin	ik of quitting	•
		Frequency	%	Valid %
Valid	Strongly Disagree	135	31.1%	33.4%
	Disagree	101	23.3%	25.0%
	Neither Agree Nor Disagree	64	14.7%	15.8%
	Agree	72	16.6%	17.8%
	Strongly Agree	31	7.1%	7.7%
	Don't Know	1	0.2%	0.2%
		404	93.1%	100.0%
	Total	404		
Missing	Total Skip, Not Employed in Nursing	23	5.3%	
Missing			5.3% 1.6%	
Missing	Skip, Not Employed in Nursing	23		

	43. How would you rate the stateme	in rum generally s		
	work I do in nursing"?	Frequency	%	Valid %
Valid	Strongly Disagree	5	1.2%	1.2%
	Disagree	19	4.4%	4.7%
	Neither Agree Nor Disagree	57	13.1%	14.1%
	Agree	193	44.5%	47.8%
	Strongly Agree	130	29.9%	32.2%
	Total	404	93.1%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	7	1.6%	
	Total	30	6.9%	
Total		434	100.0%	
mbulatory	in-State Questionnaire 44. How would you rate the stateme	ent "Most people on t	his job are sa	tisfied
mbulatory		ent "Most people on t	his job are sa	tisfied
mbulatory	44. How would you rate the stateme	ent "Most people on t Frequency	his job are sa %	tisfied Valid %
mbulatory	44. How would you rate the stateme		-	
	44. How would you rate the stateme with nursing"?	Frequency	%	Valid %
	44. How would you rate the stateme with nursing"? Strongly Disagree	Frequency	% 3.0%	Valid %
	44. How would you rate the stateme with nursing"? Strongly Disagree Disagree	Frequency 13 51	% 3.0% 11.8%	Valid % 3.2% 12.7%
	44. How would you rate the stateme with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree	13 51 108	% 3.0% 11.8% 24.9%	Valid % 3.2% 12.7% 26.8%
	44. How would you rate the stateme with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree	Frequency 13 51 108 156	% 3.0% 11.8% 24.9% 35.9%	Valid % 3.2% 12.7% 26.8% 38.7%
	44. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree	13 51 108 156 47	% 3.0% 11.8% 24.9% 35.9% 10.8%	Valid % 3.2% 12.7% 26.8% 38.7% 11.7%
	44. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know	Frequency 13 51 108 156 47 28	% 3.0% 11.8% 24.9% 35.9% 10.8% 6.5%	Valid % 3.2% 12.7% 26.8% 38.7% 11.7% 6.9%
Valid	44. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total	13 51 108 156 47 28 403	% 3.0% 11.8% 24.9% 35.9% 10.8% 6.5% 92.8%	Valid % 3.2% 12.7% 26.8% 38.7% 11.7% 6.9%
Valid	44. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing	Frequency 13 51 108 156 47 28 403	% 3.0% 11.8% 24.9% 35.9% 10.8% 6.5% 92.8%	Valid % 3.2% 12.7% 26.8% 38.7% 11.7% 6.9%

	45. How would you rate the stateme nursing"?	ent "People in this jo	b often think	of quitting
		Frequency	%	Valid %
Valid	Strongly Disagree	70	16.1%	17.49
	Disagree	106	24.4%	26.3%
	Neither Agree Nor Disagree	81	18.7%	20.19
	Agree	66	15.2%	16.4%
	Strongly Agree	25	5.8%	6.2%
	Don't Know	55	12.7%	13.6%
	Total	403	92.8%	100.09
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	8	1.8%	
	Total	31	7.1%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	46. I would not leave nursing.			
		Frequency	%	Valid 9
Valid	Checked	106	24.4%	26.19
	Not Checked	300	69.1%	73.9%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	46. I would leave nursing because I	feel burned out from Frequency	nursing. %	Valid %
Valid	Checked	112	25.8%	27.6%
· cara	Not Checked	294	67.7%	72.49
	Total	406	93.5%	100.09
Missing	Skip, Not Employed in Nursing	23	5.3%	
6	No Answer	5	1.2%	
	Total	28	6.4%	
	· Juli	20	3.470	

	46. I would leave nursing because I	feel unsupported as	a nurse.	
		Frequency	%	Valid %
Valid	Checked	74	17.1%	18.2%
	Not Checked	332	76.5%	81.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	46. I would leave nursing because I	am concerned with t	he quality of	care.
		Frequency	%	Valid %
Valid	Checked	78	18.0%	19.2%
	Not Checked	328	75.6%	80.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
nbulatory i	in-State Questionnaire			
	46. I would leave nursing for a bette	er salary outside nur	sing.	
		Frequency	%	Valid %
Valid	Checked	86	19.8%	21.2%
	Not Checked	320	73.7%	78.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	

	46. I would leave nursing for better	management suppor	t.	
		Frequency	%	Valid %
Valid	Checked	48	11.1%	11.8%
	Not Checked	358	82.5%	88.2%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatorv i	in-State Questionnaire			
	46. I would leave nursing for better	advancement opport	unities.	
	Ç	Frequency	%	Valid %
Valid	Checked	25	5.8%	6.2%
	Not Checked	381	87.8%	93.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	46. I would leave nursing because I assistive personnel.	am concerned with o	delegation to	unlicensed
	·	Frequency	%	Valid %
Valid	Checked	63	14.5%	15.5%
	Not Checked	343	79.0%	84.5%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	

	46. I would leave nursing because I	feel overworked.		
	-	Frequency	%	Valid %
Valid	Checked	113	26.0%	27.8%
	Not Checked	293	67.5%	72.2%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	46. I would leave nursing because I			
		Frequency	%	Valid %
Valid	Checked	32	7.4%	7.9%
	Not Checked	374	86.2%	92.1%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
nbulatory i	in-State Questionnaire			
	46. I would leave nursing because I	-	/. %	Valid %
Valid	Checked	Frequency 17	3.9%	4.2%
vand	Not Checked			
		389 406	89.6%	95.8%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	No Answer			

	46. I would leave nursing because I	need more respect.		
		Frequency	%	Valid %
Valid	Checked	68	15.7%	16.7%
	Not Checked	338	77.9%	83.3%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	46. I would leave nursing because I	plan to retire.		
		Frequency	%	Valid %
Valid	Checked	99	22.8%	24.4%
	Not Checked	307	70.7%	75.6%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire			
	46. I would leave nursing for a bette	er work schedule outs Frequency	side nursing. %	Valid %
Valid	Checked	50	11.5%	12.3%
· care	Not Checked	356	82.0%	87.7%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	

	46. I would leave nursing because I	am concerned with i	njury to self.	
	•	Frequency	%	Valid %
Valid	Checked	31	7.1%	7.6%
	Not Checked	375	86.4%	92.4%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
nbulatory i	n-State Questionnaire			
	46. I would leave nursing because I	seek more challengi	ng work.	
		Frequency	%	Valid %
Valid	Checked	19	4.4%	4.7%
	Not Checked	387	89.2%	95.3%
	Total	406	93.5%	100.0%
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	46. I would leave nursing for some of	ther reason. Frequency	%	Valid %
Valid	Checked	50	11.5%	12.3%
vanu	Not Checked	356	82.0%	87.7%
	Total	406	93.5%	100.0%
	. Ottal	400	70.570	100.070
Missing	Skip, Not Employed in Nursing	23	5.3%	
	No Answer	5	1.2%	
	Total	28	6.4%	
Total		434	100.0%	

	50. What is your marital status?			
		Frequency	%	Valid %
Valid	Married or Cohabitating	357	82.3%	82.3%
	Single	21	4.8%	4.8%
	Divorced	49	11.3%	11.3%
	Widowed	7	1.6%	1.6%
	Total	434	100.0%	100.0%
Total		434	100.0%	
mbulatory	in-State Questionnaire			
	51. What is the highest level of educa completed?	tion your spouse o	r partner has	
		Frequency	%	Valid %
Valid	Less Than High School	7	1.6%	2.0%
	High School Grad or GED	61	14.1%	17.1%
	Some College or Associates Degree	106	24.4%	29.8%
	Bachelors Degree	87	20.0%	24.4%
	Graduate or Professional Degree	87	20.0%	24.4%
	Other	8	1.8%	2.2%
	Total	356	82.0%	100.0%
Missing	Skip	75	17.3%	
	No Answer	3	0.7%	
	Total	78	18.0%	
Total		434	100.0%	
mbulatory	in-State Questionnaire			
	52. Was your spouse or partner emplo	yed during the ref	-	
		Frequency	%	Valid %
Valid	Yes	320	73.7%	90.1%
	No	35	8.1%	9.9%
	Total	355	81.8%	100.0%
Missing	Skip	75	17.3%	
	No Answer	4	0.9%	
	Total	79	18.2%	

	in-State Questionnaire 55. Do you have dependents livi	ng in your house?		
	55. Do you have dependents hive	Frequency	%	Valid %
Valid	Yes	201	46.3%	46.3%
vana	No	233	53.7%	53.7%
	Total	434	100.0%	100.0%
Total		434	100.0%	
mbulatory	in-State Questionnaire			
	56. Do you provide care for you	parents or your spouse	/partner's par	ents?
		Frequency	%	Valid %
Valid	Yes	58	13.4%	13.4%
	No	376	86.6%	86.6%
	Total	434	100.0%	100.0%
Total		434	100.0%	
mbulatory	in-State Questionnaire 58. What was the total pre-tax in	noomo in vour househale	lim the most '	12
	months?	ncome in your nousehold	in the past	12
		Frequency	%	Valid %
Valid				
Valid	Less than \$20,000	6	1.4%	1.5%
	Less than \$20,000 \$20,000 to \$29,000	6 9	1.4% 2.1%	1.5% 2.2%
	\$20,000 to \$29,000	9	2.1%	2.2%
	\$20,000 to \$29,000 \$30,000 to \$39,999	9	2.1% 4.4%	2.2% 4.7%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999	9 19 31	2.1% 4.4% 7.1%	2.2% 4.7% 7.7%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999	9 19 31 37	2.1% 4.4% 7.1% 8.5%	2.2% 4.7% 7.7% 9.2%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999	9 19 31 37 42	2.1% 4.4% 7.1% 8.5% 9.7%	2.2% 4.7% 7.7% 9.2% 10.5%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999	9 19 31 37 42 53	2.1% 4.4% 7.1% 8.5% 9.7% 12.2%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999	9 19 31 37 42 53 70	2.1% 4.4% 7.1% 8.5% 9.7% 12.2% 16.1%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2% 17.5%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999	9 19 31 37 42 53 70 64	2.1% 4.4% 7.1% 8.5% 9.7% 12.2% 16.1% 14.7%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2% 17.5% 16.0%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999	9 19 31 37 42 53 70 64 25	2.1% 4.4% 7.1% 8.5% 9.7% 12.2% 16.1% 14.7% 5.8%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2% 17.5% 16.0% 6.2% 6.7%
	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999	9 19 31 37 42 53 70 64 25 27	2.1% 4.4% 7.1% 8.5% 9.7% 12.2% 16.1% 14.7% 5.8% 6.2%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2% 17.5% 16.0%
Missing	\$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more	9 19 31 37 42 53 70 64 25 27	2.1% 4.4% 7.1% 8.5% 9.7% 12.2% 16.1% 14.7% 5.8% 6.2% 4.1%	2.2% 4.7% 7.7% 9.2% 10.5% 13.2% 17.5% 16.0% 6.2% 4.5%

	in-State Questionnaire 60. Of the following reasons, which o	ne best describes w	hy you live ir	ı your
	current community?	Frequency	%	Valid %
Valid	Existing Job	57	13.1%	13.2%
vana	Proximity to School or Work	8	1.8%	1.9%
	Spouse or Partner Job	121	27.9%	28.0%
	Cost of Living/Affordable Housing	19	4.4%	4.4%
	Proximity to Natural Amenities	35	8.1%	8.19
	Proximity to Family	103	23.7%	23.8%
	Other	54	12.4%	12.5%
	Multiple Reasons Chosen	35	8.1%	8.1%
	Total	432	99.5%	100.0%
Missing	No Answer	2	0.5%	
	Total	2	0.5%	
Total		434	100.0%	
Volid	0. 1.4	64	14.7%	
** ** *		Frequency	%	Valid 9
Valid	Strongly Agree			
vanu	Strongly Agree		=,	
vand	Agree	108	24.9%	24.9%
vand	Agree Neither Agree Nor Disagree	108 126	24.9% 29.0%	24.9% 29.0%
vanu	Agree Neither Agree Nor Disagree Disagree	108 126 82	24.9% 29.0% 18.9%	24.9% 29.0% 18.9%
vanu	Agree Neither Agree Nor Disagree Disagree Strongly Disagree	108 126 82 54	24.9% 29.0% 18.9% 12.4%	24.9% 29.0% 18.9% 12.4%
	Agree Neither Agree Nor Disagree Disagree	108 126 82 54 434	24.9% 29.0% 18.9% 12.4% 100.0%	24.9% 29.0% 18.9% 12.4%
Total	Agree Neither Agree Nor Disagree Disagree Strongly Disagree	108 126 82 54	24.9% 29.0% 18.9% 12.4%	24.9% 29.0% 18.9% 12.4%
Total	Agree Neither Agree Nor Disagree Disagree Strongly Disagree	108 126 82 54 434	24.9% 29.0% 18.9% 12.4% 100.0%	24.9% 29.0% 18.9% 12.4%
Total	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total	108 126 82 54 434 434	24.9% 29.0% 18.9% 12.4% 100.0% 100.0%	24.9% 29.0% 18.9% 12.4% 100.0%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current	108 126 82 54 434 434 community for eco	24.9% 29.0% 18.9% 12.4% 100.0% 100.0%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid %
Total	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied	108 126 82 54 434 434 community for eco Frequency 25	24.9% 29.0% 18.9% 12.4% 100.0% 100.0%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid %
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied	108 126 82 54 434 434 community for eco Frequency 25 108	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% momic opport % 5.8% 24.9%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	108 126 82 54 434 434 community for eco Frequency 25 108 133	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% nomic opport % 5.8% 24.9% 30.6%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4% 31.3%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	108 126 82 54 434 434 community for eco Frequency 25 108 133 127	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4% 31.3% 29.9%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Very Satisfied	108 126 82 54 434 434 community for eco Frequency 25 108 133 127 28	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3% 6.5%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4% 31.3% 29.9% 6.6%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total In-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	108 126 82 54 434 434 434 community for eco Frequency 25 108 133 127 28 4	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3% 6.5% 0.9%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid 9 5.9% 25.4% 31.3% 29.9% 6.6% 0.9%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Very Satisfied	108 126 82 54 434 434 community for eco Frequency 25 108 133 127 28	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3% 6.5%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4% 31.3% 29.9% 6.6% 0.9%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total In-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	108 126 82 54 434 434 434 community for eco Frequency 25 108 133 127 28 4	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3% 6.5% 0.9%	24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 5.9% 25.4% 31.3% 29.9% 6.6% 0.9%
Total mbulatory i	Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total in-State Questionnaire 62. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	108 126 82 54 434 434 434 community for eco Frequency 25 108 133 127 28 4 425	24.9% 29.0% 18.9% 12.4% 100.0% 100.0% 5.8% 24.9% 30.6% 29.3% 6.5% 0.9% 97.9%	14.7% 24.9% 29.0% 18.9% 12.4% 100.0% tunities? Valid % 25.4% 31.3% 29.9% 6.6% 0.9% 100.0%

nbulatory	n-State Questionnaire			
	63. How would you rate your current		_	=
		Frequency	%	Valid %
Valid	Very Dissatisfied	51	11.8%	11.9%
	Dissatisfied	49	11.3%	11.5%
	Neither Satisfied Nor Dissatisfied	72	16.6%	16.9%
	Satisfied	116	26.7%	27.2%
	Very Satisfied	133	30.6%	31.1%
	Don't Know	6	1.4%	1.4%
	Total	427	98.4%	100.0%
Missing	No Answer	7	1.6%	
	Total	7	1.6%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
	64. How would you rate your current	=	_	
		Frequency	%	Valid %
Valid	Very Dissatisfied	45	10.4%	10.4%
	Dissatisfied	104	24.0%	24.0%
	Neither Satisfied Nor Dissatisfied	109	25.1%	25.2%
	Satisfied	145	33.4%	33.5%
	Very Satisfied	30	6.9%	6.9%
	Total	433	99.8%	100.0%
Missing	No Answer	1	0.2%	
	Total	1	0.2%	
Total		434	100.0%	
mbulatory i	n-State Questionnaire			
,	65. How would you rate your current	community for rur	al character?	
		Frequency	%	Valid %
Valid	Very Dissatisfied	11	2.5%	2.6%
	Dissatisfied	14	3.2%	3.3%
	Neither Satisfied Nor Dissatisfied	106	24.4%	24.7%
	Satisfied	177	40.8%	41.2%
	Very Satisfied	115	26.5%	26.7%
	Don't Know	7	1.6%	1.6%
	Total	430	99.1%	100.0%
Missing	No Answer	4	0.9%	
-	Total	4	0.9%	
		434	100.0%	

	66. How would you rate your current	community for urb	an character?	•
		Frequency	%	Valid %
Valid	Very Dissatisfied	32	7.4%	7.6%
	Dissatisfied	52	12.0%	12.4%
	Neither Satisfied Nor Dissatisfied	161	37.1%	38.3%
	Satisfied	113	26.0%	26.9%
	Very Satisfied	30	6.9%	7.1%
	Don't Know	32	7.4%	7.6%
	Total	420	96.7%	100.0%
Missing	No Answer	14	3.2%	
	Total	14	3.2%	
Total		434	100.0%	
mbulatory i	in-State Questionnaire	community for hou	icina?	
mbulatory i	in-State Questionnaire 67. How would you rate your current	•	· ·	V-11-1 0/
	67. How would you rate your current	Frequency	%	Valid %
mbulatory i Valid	67. How would you rate your current Very Dissatisfied	Frequency 49	% 11.3%	11.4%
	67. How would you rate your current Very Dissatisfied Dissatisfied	Frequency 49 75	% 11.3% 17.3%	11.4% 17.5%
	67. How would you rate your current Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 49 75 97	% 11.3% 17.3% 22.4%	11.4% 17.5% 22.6%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 49 75 97 155	% 11.3% 17.3% 22.4% 35.7%	11.4% 17.5% 22.6% 36.1%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 49 75 97 155 51	% 11.3% 17.3% 22.4% 35.7% 11.8%	11.4% 17.5% 22.6% 36.1% 11.9%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 49 75 97 155 51 2	% 11.3% 17.3% 22.4% 35.7% 11.8% 0.5%	11.4% 17.5% 22.6% 36.1% 11.9% 0.5%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 49 75 97 155 51	% 11.3% 17.3% 22.4% 35.7% 11.8%	11.4% 17.5% 22.6% 36.1% 11.9%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 49 75 97 155 51 2	% 11.3% 17.3% 22.4% 35.7% 11.8% 0.5%	11.4% 17.5% 22.6% 36.1% 11.9% 0.5%

	68. How would you rate your current			
		Frequency	%	Valid %
Valid	Very Dissatisfied	11	2.5%	2.6%
	Dissatisfied	32	7.4%	7.4%
	Neither Satisfied Nor Dissatisfied	130	29.9%	30.2%
	Satisfied	196	45.2%	45.6%
	Very Satisfied	53	12.2%	12.3%
	Don't Know	8	1.8%	1.9%
	Total	430	99.1%	100.0%
Missing	No Answer	4	0.9%	
	Total	4	0.9%	
Total		434	100.0%	
mbulatory	in-State Questionnaire 69. How would you rate your current			d
mbulatory				d
mbulatory	69. How would you rate your current			d Valid %
mbulatory Valid	69. How would you rate your current	community in term	ns of parks an	
	69. How would you rate your current recreation/natural amenities?	community in term	ns of parks an %	Valid %
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied	community in term Frequency 5	ns of parks an % 1.2%	Valid %
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied	community in term Frequency 5 32	% 1.2% 7.4%	Valid % 1.2% 7.4%
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 5 32 69	ns of parks an % 1.2% 7.4% 15.9%	Valid % 1.2% 7.4% 16.0%
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 5 32 69 187	ns of parks an % 1.2% 7.4% 15.9% 43.1%	Valid % 1.2% 7.4% 16.0% 43.4%
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 5 32 69 187 136	ns of parks an % 1.2% 7.4% 15.9% 43.1% 31.3%	Valid % 1.2% 7.4% 16.0% 43.4% 31.6%
	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	5 32 69 187 136 2	% 1.2% 7.4% 15.9% 43.1% 31.3% 0.5%	7.4% 16.0% 43.4% 31.6% 0.5%
Valid	69. How would you rate your current recreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	Frequency 5 32 69 187 136 2 431	ns of parks an % 1.2% 7.4% 15.9% 43.1% 31.3% 0.5% 99.3%	Valid % 1.2% 7.4% 16.0% 43.4% 31.6% 0.5%

Valid Very Dissatisfied Dissatisfied 11 2.5% 2.6 Dissatisfied Dissatisfied Nor Dissatisfied Nor Dissatisfied 32 7.4% 7.4 Neither Satisfied Nor Dissatisfied Programmer 90 20.7% 20.9 Satisfied Satisfied Trail Satisfied Programmer 171 39.4% 39.8 Very Satisfied Programmer 48 11.1% 11.2 Total		70. How would you rate your current	community in term	ns of educatio	n (K-12)?
Dissatisfied 32 7.4% 7.4 7.4 Neither Satisfied Nor Dissatisfied 90 20.7% 20.9 Satisfied 171 39.4% 39.8 Very Satisfied 78 18.0% 18.1 Don't Know 48 11.1% 11.2 Total 430 99.1% 100.0 Missing No Answer 4 0.9% Total 434 100.0% Total 434 100.0% 100.0 Missing No Answer 4 0.9% Total 434 100.0% Total 434 100.0% 100.0 Total 434 100.0% 100.0 100.0 Valid Very Dissatisfied 29 6.7% 6.7 6.7 100.0			Frequency	%	Valid %
Neither Satisfied Nor Dissatisfied 90 20.7% 20.99 Satisfied 171 39.4% 39.8 Very Satisfied 78 18.0% 18.1 Don't Know 48 11.1% 11.2 Total 430 99.1% 100.0 Missing No Answer 4 0.9% Total 4 0.9% Total 4 100.0% Total 4 100.0% Total 5 100.0% Total 71. How would you rate your current community in terms of access to post-secondary education, including continuing education? Valid Very Dissatisfied 29 6.7% 6.7 Dissatisfied 62 14.3% 14.4 Neither Satisfied Nor Dissatisfied 105 24.2% 24.3 Satisfied 158 36.4% 36.6 Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%	Valid	Very Dissatisfied	11	2.5%	2.6%
Satisfied 171 39.4% 39.8% 39.8% Very Satisfied 78 18.0% 18.1% 11.2% Total 430 99.1% 100.0%		Dissatisfied	32	7.4%	7.4%
Very Satisfied 78 18.0% 18.1		Neither Satisfied Nor Dissatisfied	90	20.7%	20.9%
Don't Know		Satisfied	171	39.4%	39.8%
Total 430 99.1% 100.0		Very Satisfied	78	18.0%	18.1%
Missing No Answer Total 4 0.9% 0.9% 100.0% Total 434 100.0% Institute Of State Ouestionnaire 71. How would you rate your current community in terms of access to post-secondary education, including continuing education? Frequency % Valid Valid Very Dissatisfied 29 6.7% 6.7 6.7 Dissatisfied 62 14.3% 14.4 14.4 Neither Satisfied Nor Dissatisfied 105 24.2% 24.3 24.3 Satisfied 158 36.4% 36.6 36.6 Very Satisfied 68 15.7% 15.7 15.7 Don't Know 10 2.3% 2.3 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%		Don't Know	48	11.1%	11.2%
Total 4 0.9%		Total	430	99.1%	100.0%
Total 434 100.0% 100.0	Missing	No Answer	4	0.9%	
Table Tabl		Total	4	0.9%	
T1. How would you rate your current community in terms of access to post-secondary education, including continuing education? Frequency					
Valid Very Dissatisfied 29 6.7% 6.7 Dissatisfied 62 14.3% 14.4 Neither Satisfied Nor Dissatisfied 105 24.2% 24.3 Satisfied 158 36.4% 36.6 Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0					nost-
Dissatisfied 62 14.3% 14.4 Neither Satisfied Nor Dissatisfied 105 24.2% 24.3 Satisfied 158 36.4% 36.6 Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%		71. How would you rate your current	community in term		o post-
Neither Satisfied Nor Dissatisfied 105 24.2% 24.3 Satisfied 158 36.4% 36.6 Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%		71. How would you rate your current	community in term inuing education?	ns of access to	o post- Valid %
Satisfied 158 36.4% 36.66 Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including cont	community in term inuing education? Frequency	ns of access to	•
Very Satisfied 68 15.7% 15.7 Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including conti	community in term inuing education? Frequency	ns of access to % 6.7%	Valid %
Don't Know 10 2.3% 2.3 Total 432 99.5% 100.0 Missing No Answer 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied	community in term inuing education? Frequency 29 62	% 6.7% 14.3%	Valid %
Total 432 99.5% 100.0 Missing No Answer 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	community in terminuing education? Frequency 29 62 105	% 6.7% 14.3% 24.2%	Valid % 6.7% 14.4%
Missing No Answer 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	community in term inuing education? Frequency 29 62 105 158	% 6.7% 14.3% 24.2% 36.4%	Valid % 6.7% 14.4% 24.3%
	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	community in term inuing education? Frequency 29 62 105 158 68	% 6.7% 14.3% 24.2% 36.4% 15.7%	Valid % 6.7% 14.4% 24.3% 36.6%
	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	community in terminuing education? Frequency 29 62 105 158 68 10	% 6.7% 14.3% 24.2% 36.4% 15.7% 2.3%	Valid % 6.7% 14.4% 24.3% 36.6% 15.7%
Total 2 0.5%	mbulatory i	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	community in term inuing education? Frequency 29 62 105 158 68 10 432	% 6.7% 14.3% 24.2% 36.4% 15.7% 2.3% 99.5%	Valid % 6.7% 14.4% 24.3% 36.6% 15.7% 2.3%

	72. How would you rate your current	community in term	ns of day care	services?
		Frequency	%	Valid %
Valid	Very Dissatisfied	25	5.8%	6.0%
	Dissatisfied	51	11.8%	12.1%
	Neither Satisfied Nor Dissatisfied	100	23.0%	23.8%
	Satisfied	35	8.1%	8.3%
	Very Satisfied	15	3.5%	3.6%
	Don't Know	194	44.7%	46.2%
	Total	420	96.8%	100.0%
Missing	No Answer	14	3.2%	
	Total	14	3.2%	
T-4-1				
Total mbulatory	in-State Questionnaire	434	100.0%	
	in-State Questionnaire 73. How would you rate your current services?			care
	73. How would you rate your current			care Valid %
	73. How would you rate your current	community in term	ns of medical	
mbulatory	73. How would you rate your current services?	community in term	ns of medical %	Valid %
mbulatory	73. How would you rate your current services? Very Dissatisfied	community in term Frequency 36	ns of medical % 8.3%	Valid % 8.3% 20.6%
mbulatory	73. How would you rate your current services? Very Dissatisfied Dissatisfied	community in term Frequency 36 89	% 8.3% 20.5%	Valid % 8.3%
mbulatory	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	community in term Frequency 36 89 87	% 8.3% 20.5% 20.0%	Valid % 8.3% 20.6% 20.1%
mbulatory	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 36 89 87 166	8.3% 20.5% 20.0% 38.2%	Valid % 8.3% 20.6% 20.1% 38.4%
mbulatory	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 36 89 87 166 52	% 8.3% 20.5% 20.0% 38.2% 12.0%	Valid % 8.3% 20.6% 20.1% 38.4% 12.0%
mbulatory	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	community in term Frequency 36 89 87 166 52 2	% 8.3% 20.5% 20.0% 38.2% 12.0% 0.5%	Valid % 8.3% 20.6% 20.1% 38.4% 12.0% 0.5%
mbulatory Valid	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	community in term Frequency 36 89 87 166 52 2 432	% 8.3% 20.5% 20.0% 38.2% 12.0% 0.5% 99.5%	Valid % 8.3% 20.6% 20.1% 38.4% 12.0% 0.5%

	74. How would you rate your current services?	community in term	ns of mental c	are
		Frequency	%	Valid %
Valid	Very Dissatisfied	51	11.8%	11.8%
	Dissatisfied	95	21.9%	22.0%
	Neither Satisfied Nor Dissatisfied	105	24.2%	24.4%
	Satisfied	68	15.7%	15.8%
	Very Satisfied	19	4.4%	4.4%
	Don't Know	93	21.4%	21.6%
	Total	431	99.3%	100.0%
Missing	No Answer	3	0.7%	
	Total	3	0.7%	
Total		434	100.0%	
mbulatory	in-State Questionnaire 75. How would you rate your current	community in tern	ns of retail sh	opping?
		Frequency	%	Valid %
Valid	Very Dissatisfied	63	14.5%	14.6%
	Dissatisfied	126	29.0%	29.2%
	Neither Satisfied Nor Dissatisfied	112	25.8%	26.0%
	Satisfied	107	24.6%	24.8%
	Very Satisfied	21	4.8%	4.9%
		2	0.5%	0.5%
	Don't Know		00.00/	100.0%
	Don't Know Total	431	99.3%	
Missing		431	0.7%	
Missing	Total			

	entertainment?			
	entertainment?	Frequency	%	Valid %
Valid	Very Dissatisfied	39	9.0%	9.0%
	Dissatisfied	122	28.1%	28.2%
	Neither Satisfied Nor Dissatisfied	123	28.3%	28.5%
	Satisfied	116	26.7%	26.9%
	Very Satisfied	31	7.1%	7.2%
	Don't Know	1	0.2%	0.2%
	Total	432	99.5%	100.0%
Missing	No Answer	2	0.5%	
	Total	2	0.5%	
Total				
	in-State Questionnaire 77. If given the opportunity, how like	434 ely would you be to	100.0% move away fro	om your
				om your
	77. If given the opportunity, how like			om your Valid %
	77. If given the opportunity, how like	ely would you be to	move away fro	-
mbulatory	77. If given the opportunity, how like current community?	ely would you be to Frequency	move away fro %	Valid %
mbulatory	77. If given the opportunity, how like current community? Very Likely	ely would you be to Frequency 81	move away fro % 18.7%	Valid %
mbulatory	77. If given the opportunity, how like current community? Very Likely Likely	Frequency 81 104	move away fro % 18.7% 24.0%	Valid % 18.8% 24.1%
mbulatory	77. If given the opportunity, how like current community? Very Likely Likely Neither Likely Nor Unlikely	Frequency 81 104 62	move away fro % 18.7% 24.0% 14.3%	Valid % 18.8% 24.1% 14.4%
mbulatory	77. If given the opportunity, how like current community? Very Likely Likely Neither Likely Nor Unlikely Unlikely	Frequency 81 104 62 64	move away from 18.7% 24.0% 14.3% 14.7%	Valid % 18.8% 24.1% 14.4% 14.8%
mbulatory	77. If given the opportunity, how like current community? Very Likely Likely Neither Likely Nor Unlikely Unlikely Very Unlikely	Frequency 81 104 62 64 107	% 18.7% 24.0% 14.3% 14.7% 24.6%	Valid % 18.8% 24.1% 14.4% 14.8% 24.8%
mbulatory	77. If given the opportunity, how like current community? Very Likely Likely Neither Likely Nor Unlikely Unlikely Very Unlikely Don't Know	Frequency 81 104 62 64 107 13	move away from 18.7% 24.0% 14.3% 14.7% 24.6% 3.0%	Valid % 18.8% 24.1% 14.4% 14.8% 24.8% 3.0%
mbulatory Valid	77. If given the opportunity, how like current community? Very Likely Likely Neither Likely Nor Unlikely Unlikely Very Unlikely Don't Know Total	Frequency 81 104 62 64 107 13 431	% 18.7% 24.0% 14.3% 14.7% 24.6% 3.0% 99.3%	Valid % 18.8% 24.1% 14.4% 14.8% 24.8% 3.0%

Appendix B:

Frequencies for Ambulatory Survey, Nurses Working Out-of-State During First and Second Quarter 2007

Frequency Missing = 28

	1. What was your employment status	as of the reference	e date?	
		Frequency	%	Valid %
Valid	Employed Full-Time	17	47.2%	47.2%
	Employed Part-Time	7	19.4%	19.4%
	Retired	3	8.3%	8.3%
	Not Working Outside Home	4	11.1%	11.1%
	Employed, Not in Nursing	5	13.9%	13.9%
	Total	36	100.0%	100.0%
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire 2a. Which of the following best descr job?			
mbulatory	2a. Which of the following best descr	ribes the title of yo	our primary %	nursing Valid %
mbulatory Valid	2a. Which of the following best descr			
	2a. Which of the following best descr job?	Frequency	%	Valid %
	2a. Which of the following best descriptor: Administration/Management	Frequency	% 2.8%	Valid %
	2a. Which of the following best describe? Administration/Management Direct Patient Care	Frequency 1 21	% 2.8% 58.3%	Valid % 2.9% 60.0%
	2a. Which of the following best descripts? Administration/Management Direct Patient Care Case Manager/Utilization Review	Frequency 1 21 1	% 2.8% 58.3% 2.8%	Valid % 2.9% 60.0% 2.9%
	2a. Which of the following best describe? Administration/Management Direct Patient Care Case Manager/Utilization Review Skip, Not Employed in Nursing	Frequency	% 2.8% 58.3% 2.8% 33.3%	Valid % 2.9% 60.0% 2.9% 34.3%
Valid	2a. Which of the following best describe? Administration/Management Direct Patient Care Case Manager/Utilization Review Skip, Not Employed in Nursing Total	Frequency 1 21 1 22 35	% 2.8% 58.3% 2.8% 33.3% 97.2%	Valid % 2.9% 60.0% 2.9% 34.3%

	2a. If your primary nursing job is directions	ect patient care, v	vhat kind of	f direct
	patient care do you provide?	Frequency	%	Valid %
Valid	Cardiac Care	1	2.8%	4.8%
· cara	Neurology	1	2.8%	4.8%
	General Surgery	3	8.3%	14.3%
	General Medicine/Family Practice	4	11.1%	19.0%
	Mental Health	2	5.6%	9.5%
	Women's Health	1	2.8%	4.8%
	Other	5	13.9%	23.8%
	Emergency Room	2	5.6%	9.5%
	CCU/ICU	1	2.8%	4.8%
	Med-Surg	1	2.8%	4.8%
	Total	21	58.3%	100.0%
Missing	Chin Not Employed in Naming	12	22 20/	
Missing	Skip, Not Employed in Nursing	3	33.3% 8.3%	
	Skip Total	ა 15	8.3% 41.7%	
Total	Total		99.9%	
	t equal 100.0% due to rounding.	36	99.9%	
	1 0			
inibulator y	Out-of-State Questionnaire 2b. Are you a nurse practitioner?			
	2b. Are you a nurse practitioner:	Frequency	%	Valid %
Valid	Not a Nurse Practitioner	19	52.8%	79.2%
vana	Family Nurse Practitioner	4	11.1%	16.7%
	Other	1	2.8%	4.2%
	Total	24	66.6%	100.0%
Mississe	Olive New Powerland in Manager	10	22.20/	
Missing	Skip, Not Employed in Nursing Total	12 12	33.3%	
Total	Total		33.3% 100.0%	
mbulatory	Out-of-State Questionnaire 4. Which of the following best descril	oes your primary f	facility?	
mbulatory		pes your primary f	facility? %	Valid %
mbulatory Valid			_	
	4. Which of the following best describ	Frequency	%	50.0%
	4. Which of the following best describe Ambulatory Healthcare	Frequency 12	33.3%	50.0% 41.7%
	4. Which of the following best describes Ambulatory Healthcare Hospitals	Frequency 12 10	% 33.3% 27.8%	50.0% 41.7% 8.3%
Valid	4. Which of the following best described. Ambulatory Healthcare Hospitals Long-Term Care Total	Frequency 12 10 2	% 33.3% 27.8% 5.6%	50.0% 41.7% 8.3%
	4. Which of the following best described Ambulatory Healthcare Hospitals Long-Term Care	Frequency 12 10 2 24	% 33.3% 27.8% 5.6% 66.6%	Valid % 50.0% 41.7% 8.3% 100.0%

	6. Do you plan to leave employment with next 12 months?	h your primary	facility wit	thin the
		Frequency	%	Valid %
Valid	Yes	9	25.0%	37.5%
	No	15	41.7%	62.5%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	7. If you answered YES to planning to le your primary reason for leaving?	ave in the next	t 12 months	s, what is
		Frequency	%	Valid %
Valid	Taking Another Job in Healthcare	2	5.6%	22.2%
	Taking Another Job Outside Healthcare	1	2.8%	11.1%
	Relocating	3	8.3%	33.3%
	Continuing Education	1	2.8%	11.1%
	Other	2	5.6%	22.2%
	Total	9	25.0%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Skip	15	41.7%	
	Total	27	75.0%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	8. When do you plan to retire from your	primary facilit Frequency	t y? %	Valid %
Valid	More Than 1 Year But Less Than 3	2	5.6%	8.7%
	More Than 3 Years But Less Than 5	1	2.8%	4.3%
	More Than 5 Years	12	33.3%	52.2%
	Don't Know	8	22.2%	34.8%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	

noutatory	Out-of-State Questionnaire		luiu u fuana .	
	9. Do you plan to continue working a primary facility?	as a nurse after ret	iring from y	your
		Frequency	%	Valid %
Valid	Yes	6	16.7%	46.2%
	No	7	19.4%	53.8%
	Total	13	36.1%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Don't Know	11	30.6%	
	Total	23	63.9%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	10. If you have a second job, is it in	nursing?		
		Frequency	%	Valid %
Valid	Yes	7	19.4%	29.2%
	No	15	41.7%	62.5%
	Second Job Not in Nursing	2	5.6%	8.3%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total	Frequency Missing = 28	36	100.0%	
mbulatory	Out-of-State Questionnaire			
	11. Which of the following best desc secondary nursing job?	ribes the position	title of your	
		Frequency	%	Valid %
Valid	Direct Patient Care	2	5.6%	28.6%
	Nurse Practitioner	3	8.3%	42.9%
	Other	2	5.6%	28.6%
	Total	7	19.4%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Skip	15	41.7%	
		0	5.6%	
	No Answer	2	3.070	

	12. Which of the following best descr	ibes your seconda	ry work	
	environment?	Eromion	0/	Validay
Valid	Ambulatory Healthcare	Frequency 4	% 11.1%	Valid % 57.1%
vand	,	•		
	Hospitals	1	2.8%	14.3%
	Other	2	5.6%	28.6%
	Total	7	19.4%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Skip	15	41.7%	
	No Answer	2	5.6%	
	Total	29	80.5%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	13. How would you rate your overall			
37-11-1	Discostis Co. 1	Frequency	%	Valid %
Valid	Dissatisfied	2	5.6%	8.7%
	Neither Satisfied Nor Dissatisfied	7	19.4%	30.4%
	Satisfied	11	30.6%	47.8%
	Very Satisfied	3	8.3%	13.0%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	14. How would you rate your satisfac primary facility?	tion with your bas	se salary at	your
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	4.3%
	Dissatisfied	6	16.7%	26.1%
	Neither Satisfied Nor Dissatisfied	7	19.4%	30.4%
	Satisfied	8	22.2%	34.8%
	Very Satisfied	1	2.8%	4.3%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Tatal	13	36.1%	
	Total	13	30. I /0	

Ambulatory	Out-of-State Questionnaire			
	15. How would you rate your satisfac position at your primary facility?	tion with the sala	ry range for	your
		Frequency	%	Valid %
Valid	Dissatisfied	7	19.4%	30.4%
	Neither Satisfied Nor Dissatisfied	8	22.2%	34.8%
	Satisfied	7	19.4%	30.4%
	Very Satisfied	1	2.8%	4.3%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total Ambulatory	Out-of-State Questionnaire 16. How would you rate your satisfac		100.0% loyee benef	its at your
		tion with the emp	loyee benef	•
Ambulatory	16. How would you rate your satisfac primary facility?	tion with the emp Frequency	loyee benef %	Valid %
	16. How would you rate your satisfactorimary facility? Very Dissatisfied	tion with the emp Frequency	loyee benef	Valid % 5.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied	Frequency 1 3	% 2.8% 8.3%	Valid % 5.0% 15.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 1 3 7	2.8% 8.3% 19.4%	Valid % 5.0% 15.0% 35.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 3 7 5	2.8% 8.3% 19.4% 13.9%	Valid % 5.0% 15.0% 35.0% 25.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 3 7 5 4	2.8% 8.3% 19.4% 13.9% 11.1%	Valid % 5.0% 15.0% 35.0% 25.0% 20.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 3 7 5	2.8% 8.3% 19.4% 13.9%	Valid % 5.0% 15.0% 35.0% 25.0%
Ambulatory	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 3 7 5 4	2.8% 8.3% 19.4% 13.9% 11.1%	Valid % 5.0% 15.0% 35.0% 25.0% 20.0%
Ambulatory Valid	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 1 3 7 5 4 20	% 2.8% 8.3% 19.4% 13.9% 11.1% 55.5%	Valid % 5.0% 15.0% 35.0% 25.0% 20.0%
Ambulatory Valid	16. How would you rate your satisfactorimary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	Frequency 1 3 7 5 4 20	2.8% 8.3% 19.4% 13.9% 11.1% 55.5%	Valid % 5.0% 15.0% 35.0% 25.0% 20.0%
Ambulatory Valid	16. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable Skip, Not Employed in Nursing	Frequency 1 3 7 5 4 20	% 2.8% 8.3% 19.4% 13.9% 11.1% 55.5% 8.3% 33.3%	Valid % 5.0% 15.0% 35.0% 25.0% 20.0%

	17. How would you rate your satisfact work?	tion with the skill	of RNs whe	ere you
		Frequency	%	Valid %
Valid	Dissatisfied	4	11.1%	18.2%
	Neither Satisfied Nor Dissatisfied	4	11.1%	18.2%
	Satisfied	10	27.8%	45.5%
	Very Satisfied	4	11.1%	18.2%
	Total	22	61.1%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	2	5.6%	
	Total	14	38.9%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire 18. How would you rate your satisfac	tion with the adec	quacy of RN	staffing
mbulatory			. ,	J
	18. How would you rate your satisfac where you work?	Frequency	%	Valid %
mbulatory Valid	18. How would you rate your satisfac where you work? Very Dissatisfied	Frequency 3	% 8.3%	Valid %
	18. How would you rate your satisfac where you work? Very Dissatisfied Dissatisfied	Frequency 3 6	% 8.3% 16.7%	Valid % 13.6% 27.3%
	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 3 6 8	8.3% 16.7% 22.2%	Valid % 13.6% 27.3% 36.4%
	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	## Frequency 3 6 8 2	% 8.3% 16.7% 22.2% 5.6%	Valid % 13.6% 27.3% 36.4% 9.1%
	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency	% 8.3% 16.7% 22.2% 5.6% 8.3%	Valid % 13.6% 27.3% 36.4% 9.1% 13.6%
	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	## Frequency 3 6 8 2	% 8.3% 16.7% 22.2% 5.6%	Valid % 13.6% 27.3% 36.4% 9.1%
	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency	% 8.3% 16.7% 22.2% 5.6% 8.3%	Valid % 13.6% 27.3% 36.4% 9.1% 13.6%
Valid	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency	% 8.3% 16.7% 22.2% 5.6% 8.3% 61.1%	Valid % 13.6% 27.3% 36.4% 9.1% 13.6%
Valid	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	Frequency 3 6 8 2 3 22	% 8.3% 16.7% 22.2% 5.6% 8.3% 61.1%	Valid % 13.6% 27.3% 36.4% 9.1% 13.6%
Valid	18. How would you rate your satisfact where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable Skip, Not Employed in Nursing	Frequency 3 6 8 2 3 22 1 12	% 8.3% 16.7% 22.2% 5.6% 8.3% 61.1% 2.8% 33.3%	Valid % 13.6% 27.3% 36.4% 9.1% 13.6%

	19. How would you rate your satisfac support services at your primary faci		-	
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	4.3%
	Dissatisfied	4	11.1%	17.4%
	Neither Satisfied Nor Dissatisfied	7	19.4%	30.4%
	Satisfied	9	25.0%	39.1%
	Very Satisfied	2	5.6%	8.7%
	Total	23	63.9%	100.0%
Missing	Not Applicable	1	2.8%	
	Skip, Not Employed in Nursing	11	30.6%	
	No Answer	1	2.8%	
	Total	13	36.1%	
			30.170	
Total mbulatory	Out-of-State Questionnaire	36	100.0%	eks.
	Out-of-State Questionnaire 20. How would you rate your satisfac required of you at your primary facili	36	100.0%	sks
	20. How would you rate your satisfac	36	100.0%	sks Valid %
	20. How would you rate your satisfac	36 tion with the non-	100.0%	
mbulatory	20. How would you rate your satisfac required of you at your primary facili	36 tion with the non- ity? Frequency	100.0% -nursing tas %	Valid %
mbulatory	20. How would you rate your satisfac required of you at your primary facility	36 tion with the non- ity? Frequency	100.0% -nursing tas % 5.6%	Valid % 9.5%
mbulatory	20. How would you rate your satisfac required of you at your primary facility Very Dissatisfied Dissatisfied	36 tion with the non- ity? Frequency 2 4	100.0% -nursing tas % 5.6% 11.1%	Valid % 9.5%
mbulatory	20. How would you rate your satisfac required of you at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	36 tion with the non- ity? Frequency 2 4 10	100.0% -nursing tas % 5.6% 11.1% 27.8%	9.5% 19.0% 47.6%
mbulatory	20. How would you rate your satisfact required of you at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	36 tion with the non- ity? Frequency 2 4 10 4	100.0% -nursing tas % 5.6% 11.1% 27.8% 11.1%	9.5% 19.0% 47.6% 19.0%
mbulatory	20. How would you rate your satisfact required of you at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	36 tion with the non- ity? Frequency 4 10 4 1	100.0% -nursing tas % 5.6% 11.1% 27.8% 11.1% 2.8%	9.5% 19.0% 47.6% 19.0% 4.8%
mbulatory Valid	20. How would you rate your satisfact required of you at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	36 tion with the non- ity? Frequency 2 4 10 4 1 21	100.0% -nursing tas % 5.6% 11.1% 27.8% 11.1% 2.8% 58.3%	9.5% 19.0% 47.6% 19.0% 4.8%
mbulatory Valid	20. How would you rate your satisfact required of you at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	36 tion with the non- ity? Frequency 4 10 4 1 21	100.0% -nursing tas % 5.6% 11.1% 27.8% 11.1% 2.8% 58.3% 5.6%	9.5% 19.0% 47.6% 19.0% 4.8%

	21. How would you rate your satisfac required of you at your primary facil		unt of pape	rwork
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	5.6%	8.7%
	Dissatisfied	7	19.4%	30.4%
	Neither Satisfied Nor Dissatisfied	7	19.4%	30.4%
	Satisfied	6	16.7%	26.1%
	Not Applicable	1	2.8%	4.3%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total mbulatory	Out-of-State Questionnaire	36	100.0%	
	22. How would you rate your satisfac			
				Valid %
	22. How would you rate your satisfac	tion with your ph	ysical work	
mbulatory	22. How would you rate your satisfac environment?	tion with your phy Frequency	ysical work %	Valid %
mbulatory	22. How would you rate your satisfact environment? Dissatisfied	Frequency	ysical work % 11.1% 11.1%	Valid %
mbulatory	22. How would you rate your satisfact environment? Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 4	ysical work % 11.1% 11.1%	Valid % 17.4% 17.4%
mbulatory	22. How would you rate your satisfact environment? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 4 4 11	ysical work % 11.1% 11.1% 30.6%	Valid % 17.4% 17.4% 47.8% 17.4%
mbulatory	22. How would you rate your satisfact environment? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 4 4 11	ysical work % 11.1% 11.1% 30.6% 11.1%	Valid % 17.4% 17.4% 47.8% 17.4%
nbulatory Valid	22. How would you rate your satisfact environment? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 4 4 11 4 23	ysical work % 11.1% 11.1% 30.6% 11.1% 63.9%	Valid % 17.4% 17.4% 47.8% 17.4%
nbulatory Valid	22. How would you rate your satisfact environment? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 4 4 11 4 23	ysical work // 11.1% 11.1% 30.6% 11.1% 63.9% 33.3%	Valid % 17.4% 17.4% 47.8%

	23. How would you rate your satisfac	tion with the leve	l of persona	al safety at
	the facility where you work?	Frequency	%	Valid %
Valid	Dissatisfied	4	11.1%	17.4%
	Neither Satisfied Nor Dissatisfied	5	13.9%	21.7%
	Satisfied	9	25.0%	39.1%
	Very Satisfied	5	13.9%	21.7%
	Total	23		100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	24. How would you rate your satisfac primary facility?	tion with your wo	rk schedule	at your
		Frequency	%	Valid %
Valid	Dissatisfied	1	2.8%	4.3%
	Neither Satisfied Nor Dissatisfied	6	16.7%	26.1%
	Satisfied	8	22.2%	34.8%
	Very Satisfied	8	22.2%	34.8%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	25. How would you rate your satisfac facility?		ırity at your	primary
		Frequency	%	Valid %
Valid	Dissatisfied	2	5.6%	8.7%
	Neither Satisfied Nor Dissatisfied	2	5.6%	8.7%
	Satisfied	9	25.0%	39.1%
	Very Satisfied	10	27.8%	43.5%
	very Satisfied			400.00
	Total	23	63.9%	100.0%
Missing	·	23 12	33.3%	100.0%
Missing	Total			100.0%

	26. How would you rate the opportun facility?	ities for advancer	nent at you	r primary
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	5.6%	9.5%
	Dissatisfied	4	11.1%	19.0%
	Neither Satisfied Nor Dissatisfied	7	19.4%	33.3%
	Satisfied	7	19.4%	33.3%
	Very Satisfied	1	2.8%	4.8%
	Total	21	58.3%	100.0%
Missing	Not Applicable	2	5.6%	
	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	15	41.6%	
Total		26	100.0%	
	Out-of-State Questionnaire	30	100.0%	
	Out-of-State Questionnaire 27. How would you rate your satisfact whom you work at your primary facil	tion with support		ırses with
	27. How would you rate your satisfac	tion with support		urses with Valid %
	27. How would you rate your satisfac	tion with support	from the nu	
mbulatory	27. How would you rate your satisfac whom you work at your primary facil	tion with support ity? Frequency	from the nu %	Valid %
mbulatory	27. How would you rate your satisfac whom you work at your primary facil Dissatisfied	tion with support ity? Frequency	from the nu % 11.1%	Valid %
mbulatory	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied	tion with support ity? Frequency 4 7	from the nu % 11.1% 19.4%	Valid % 18.2% 31.8%
mbulatory	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	tion with support ity? Frequency 4 7	% 11.1% 19.4% 19.4%	Valid % 18.2% 31.8% 31.8%
mbulatory	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	tion with support ity? Frequency 4 7 7	from the nu % 11.1% 19.4% 19.4% 11.1%	Valid % 18.2% 31.8% 31.8% 18.2%
mbulatory Valid	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	tion with support ity? Frequency 4 7 4 22	from the nu % 11.1% 19.4% 19.4% 11.1% 61.1%	Valid % 18.2% 31.8% 31.8% 18.2%
mbulatory Valid	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	tion with support ity? Frequency 4 7 7 4 22	from the nu % 11.1% 19.4% 19.4% 11.1% 61.1% 2.8%	Valid % 18.2% 31.8% 31.8% 18.2%
mbulatory Valid	27. How would you rate your satisfact whom you work at your primary facil Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable Skip, Not Employed in Nursing	tion with support ity? Frequency 4 7 4 22 1 12	from the number of the number	Valid % 18.2% 31.8% 31.8% 18.2%

	28. How would you rate your satisfac administration at your primary facili		from your i	nursing
	administration at your primary facili	Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	4.8%
	Dissatisfied	8	22.2%	38.1%
	Neither Satisfied Nor Dissatisfied	6	16.7%	28.6%
	Satisfied	3	8.3%	14.3%
	Very Satisfied	3	8.3%	14.3%
	Total	21	58.3%	100.0%
Missing	Not Applicable	2	5.6%	
	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	15	41.6%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire 29. How would you rate your satisfac at your primary facility?	tion with interact	ions with p	hysicians
		Frequency	%	Valid %
Valid	Dissatisfied	2	5.6%	8.7%
		7	19.4%	30.4%
	Neither Satisfied Nor Dissatisfied	1		
	Neither Satisfied Nor Dissatisfied Satisfied	9	25.0%	39.1%
		-	25.0% 13.9%	
	Satisfied	9		39.1% 21.7% 100.0%
Missing	Satisfied Very Satisfied	9	13.9%	21.7%
Missing	Satisfied Very Satisfied Total	9 5 23	13.9% 63.9%	21.7%
Missing	Satisfied Very Satisfied Total Skip, Not Employed in Nursing	9 5 23	13.9% 63.9% 33.3%	21.7%

	30. How would you rate your satisfac nursing staff at your primary facility		ions with o	ther non-
		Frequency	%	Valid %
Valid	Dissatisfied	1	2.8%	4.5%
	Neither Satisfied Nor Dissatisfied	5	13.9%	22.7%
	Satisfied	13	36.1%	59.1%
	Very Satisfied	3	8.3%	13.6%
	Total	22	61.1%	100.0%
Missing	Not Applicable	1	2.8%	
	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	14	38.9%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	31. How would you rate your satisfac		ions with tr	aveling
		?	ions with tr	aveling Valid %
Valid	31. How would you rate your satisfac			_
Valid	31. How would you rate your satisfac agency staff at your primary facility?	? Frequency	%	Valid %
Valid	31. How would you rate your satisfac agency staff at your primary facility? Dissatisfied	Prequency 2	% 5.6%	Valid %
Valid	31. How would you rate your satisfac agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 2 6	% 5.6% 16.7%	Valid % 16.7% 50.0%
Valid	31. How would you rate your satisfac agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 2 6 3	% 5.6% 16.7% 8.3%	Valid % 16.7% 50.0% 25.0%
Valid Missing	31. How would you rate your satisfact agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Don't Know	Frequency 2 6 3 1	% 5.6% 16.7% 8.3% 2.8%	Valid % 16.7% 50.0% 25.0% 8.3%
	31. How would you rate your satisfact agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Don't Know Total	Frequency 2 6 3 1 12	% 5.6% 16.7% 8.3% 2.8% 33.3%	Valid % 16.7% 50.0% 25.0% 8.3%
	31. How would you rate your satisfact agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Don't Know Total Not Applicable	Frequency 2 6 3 1 12	% 5.6% 16.7% 8.3% 2.8% 33.3%	Valid % 16.7% 50.0% 25.0% 8.3%
	31. How would you rate your satisfact agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Don't Know Total Not Applicable Skip, Not Employed in Nursing	Frequency 2 6 3 1 12	% 5.6% 16.7% 8.3% 2.8% 33.3% 30.6% 33.3%	Valid % 16.7% 50.0% 25.0% 8.3%

	32. How would you rate your satisfac primary facility?	tion with patient	interaction	s at your
		Frequency	%	Valid %
Valid	Neither Satisfied Nor Dissatisfied	2	5.6%	9.1%
	Satisfied	10	27.8%	45.5%
	Very Satisfied	10	27.8%	45.5%
	Total	22	61.1%	100.0%
Missing	Not Applicable	1	2.8%	
	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	14	38.9%	
Total		36	100.0%	
		tion with the time	e available f	or patient
	education at your primary facility?		e available f	or patient
		Frequency	e available f	or patient Valid %
Valid				
Valid	education at your primary facility?	Frequency	%	Valid %
Valid	education at your primary facility? Dissatisfied	Frequency 7	% 19.4%	Valid % 31.8%
Valid	education at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 7 8	% 19.4% 22.2%	Valid % 31.8% 36.4%
Valid	education at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 7 8 4	% 19.4% 22.2% 11.1%	Valid % 31.8% 36.4% 18.2%
	education at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 7 8 4 3	% 19.4% 22.2% 11.1% 8.3%	Valid % 31.8% 36.4% 18.2% 13.6%
Valid Missing	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 7 8 4 3 22	% 19.4% 22.2% 11.1% 8.3% 61.1%	Valid % 31.8% 36.4% 18.2% 13.6%
	education at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	Frequency 7 8 4 3 22	% 19.4% 22.2% 11.1% 8.3% 61.1%	Valid % 31.8% 36.4% 18.2% 13.6%
	education at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable Skip, Not Employed in Nursing	Frequency 7 8 4 3 22	% 19.4% 22.2% 11.1% 8.3% 61.1% 2.8% 33.3%	Valid % 31.8% 36.4% 18.2% 13.6%

	34. How would you rate your satisfac and management decisions at your p			. policy
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	4.5%
	Dissatisfied	7	19.4%	31.8%
	Neither Satisfied Nor Dissatisfied	6	16.7%	27.3%
	Satisfied	6	16.7%	27.3%
	Very Satisfied	2	5.6%	9.1%
	Total	22	61.1%	100.0%
Missing	Not Applicable	1	2.8%	
	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	14	38.9%	
Total mbulatory	Out-of-State Questionnaire	36	100.0%	
	35. How would you rate your satisfac			o use your
				o use your Valid %
	35. How would you rate your satisfac	tion with the oppo	ortunities to	,
mbulatory	35. How would you rate your satisfac skills at your primary facility?	tion with the oppo Frequency	ortunities to	Valid %
mbulatory	35. How would you rate your satisfac skills at your primary facility? Very Dissatisfied	tion with the oppo Frequency	ortunities to % 2.8%	Valid %
mbulatory	35. How would you rate your satisfac skills at your primary facility? Very Dissatisfied Dissatisfied	Frequency 1 2	% 2.8% 5.6%	Valid % 4.3% 8.7%
mbulatory	35. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 1 2 3	% 2.8% 5.6% 8.3%	Valid % 4.3% 8.7% 13.0%
mbulatory	35. How would you rate your satisfact skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 2 3 13	2.8% 5.6% 8.3% 36.1%	Valid % 4.3% 8.7% 13.0% 56.5%
mbulatory	35. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 2 3 13	2.8% 5.6% 8.3% 36.1% 11.1%	Valid % 4.3% 8.7% 13.0% 56.5% 17.4%
nbulatory Valid	35. How would you rate your satisfact skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 1 2 3 13 4 23	2.8% 5.6% 8.3% 36.1% 11.1% 63.9%	Valid % 4.3% 8.7% 13.0% 56.5% 17.4%
nbulatory Valid	35. How would you rate your satisfact skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 1 2 3 13 4 23	2.8% 5.6% 8.3% 36.1% 11.1% 63.9%	Valid % 4.3% 8.7% 13.0% 56.5% 17.4%

	36. How would you rate your satisfac new skills at your primary facility?	tion with the oppo	ortunities t	o learn
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	5.6%	8.7%
	Dissatisfied	3	8.3%	13.0%
	Neither Satisfied Nor Dissatisfied	4	11.1%	17.4%
	Satisfied	11	30.6%	47.8%
	Very Satisfied	3	8.3%	13.0%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire 37. How would you rate your satisfactontinuing education at your primary		ortunities fo	or
mbulatory			ortunities fo	or Valid %
mbulatory Valid	37. How would you rate your satisfac	y facility?		
	37. How would you rate your satisfac continuing education at your primary	y facility? Frequency	%	Valid %
	37. How would you rate your satisfact continuing education at your primary Dissatisfied	y facility? Frequency 6	% 16.7%	Valid % 27.3%
	37. How would you rate your satisfactontinuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied	y facility? Frequency 6 5	% 16.7% 13.9%	Valid % 27.3% 22.7%
	37. How would you rate your satisfact continuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	y facility? Frequency 6 5	% 16.7% 13.9% 22.2%	Valid % 27.3% 22.7% 36.4%
	37. How would you rate your satisfact continuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	y facility? Frequency 6 5 8 3	% 16.7% 13.9% 22.2% 8.3%	Valid % 27.3% 22.7% 36.4% 13.6%
Valid	37. How would you rate your satisfact continuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	y facility? Frequency 6 5 8 3 22	% 16.7% 13.9% 22.2% 8.3% 61.1%	Valid % 27.3% 22.7% 36.4% 13.6%
Valid	37. How would you rate your satisfact continuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable	y facility? Frequency 6 5 8 3 22	% 16.7% 13.9% 22.2% 8.3% 61.1%	Valid % 27.3% 22.7% 36.4% 13.6%
Valid	37. How would you rate your satisfact continuing education at your primary Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Not Applicable Skip, Not Employed in Nursing	y facility? Frequency 6 5 8 3 22	% 16.7% 13.9% 22.2% 8.3% 61.1% 2.8% 33.3%	Valid % 27.3% 22.7% 36.4% 13.6%

	38. How would you rate your satisfact your primary facility?	tion with the qual	ity of patie	nt care at
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	4.3%
	Dissatisfied	3	8.3%	13.0%
	Neither Satisfied Nor Dissatisfied	5	13.9%	21.7%
	Satisfied	9	25.0%	39.1%
	Very Satisfied	5	13.9%	21.7%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	39. How would you rate your satisfactimportant at your primary facility?	tion with the feeli	ng that you	ır work is
	important at your primary facility.	Frequency	%	Valid %
Valid	Dissatisfied	2	5.6%	8.7%
	Neither Satisfied Nor Dissatisfied	2	5.6%	8.7%
	Satisfied	6	16.7%	26.1%
	Very Satisfied	13	36.1%	56.5%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	
	Total	13	36.1%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	40. How would you rate your satisfact facility?	tion with other is:	sues at you	r primary
		Frequency	%	Valid %
Valid	Very Satisfied	2	5.6%	66.7%
	Not Applicable	1	2.8%	33.3%
	Total	3	8.3%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	21	58.3%	
	Total	33	91.7%	

	41. How would you rate the stateme	nt "Generally spea	king, I am v	ery
	satisfied with nursing"?	Frequency	%	Valid %
Valid	Disagree	6		25.0%
	Neither Agree Nor Disagree	5	13.9%	20.8%
	Agree	8	22.2%	33.3%
	Strongly Agree	5	13.9%	20.8%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	42. How would you rate the stateme nursing"?	nt "I frequently th	ink of quitt	ing
		Frequency	%	Valid %
Valid	Strongly Disagree	6	16.7%	25.0%
	Disagree	4	11.1%	16.7%
	Neither Agree Nor Disagree	7	19.4%	29.2%
	Agree	3	8.3%	12.5%
	Strongly Agree	4	11.1%	16.7%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	43. How would you rate the stateme kind of work I do in nursing"?	nt "I am generally	satisfied wi	th the
		Frequency	%	Valid %
Valid	Disagree	3	8.3%	13.0%
	Neither Agree Nor Disagree	3	8.3%	13.0%
	Agree	10	27.8%	43.5%
	Strongly Agree	7	19.4%	30.4%
	Total	23	63.9%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	No Answer	1	2.8%	

	44. How would you rate the stateme with nursing"?	nt "Most people on	this job are	e satisfied
		Frequency	%	Valid %
Valid	Strongly Disagree	1	2.8%	4.2%
	Disagree	4	11.1%	16.7%
	Neither Agree Nor Disagree	9	25.0%	37.5%
	Agree	8	22.2%	33.3%
	Don't Know	2	5.6%	8.3%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	45. How would you rate the stateme quitting nursing"?	nt "People in this j	job often th	ink of
		Frequency	%	Valid %
Valid	Strongly Disagree	1	2.8%	4.2%
	Disagree	9	25.0%	37.5%
	Neither Agree Nor Disagree	7	19.4%	29.2%
	Agree	2	5.6%	8.3%
	Strongly Agree	2	5.6%	8.3%
	Don't Know	3	8.3%	12.5%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	46. I would not leave nursing.	Frequency	%	Valid %
Valid	Checked	6		25.0%
	Not Checked	18		75.0%
	Total	24		100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	

	46. I would leave nursing because I f	eel burned out from	m nursing.	
		Frequency	%	Valid %
Valid	Checked	8	22.2%	33.3%
	Not Checked	16	44.4%	66.7%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I f	eel unsupported as	s a nurse.	
		Frequency	%	Valid %
Valid	Checked	11	30.6%	45.8%
	Not Checked	13	36.1%	54.2%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I a	am concerned with	the quality	
	ŭ			
		Frequency	%	Valid %
Valid	Checked	Frequency 12	% 33.3%	Valid % 50.0%
Valid	Checked Not Checked	Frequency 12 12	% 33.3% 33.3%	Valid % 50.0% 50.0%
Valid	Checked	Frequency 12	% 33.3%	Valid % 50.0%
Valid Missing	Checked Not Checked	Frequency 12 12	% 33.3% 33.3%	Valid % 50.0% 50.0%
	Checked Not Checked Total	12 12 24	% 33.3% 33.3% 66.7%	Valid % 50.0% 50.0%
	Checked Not Checked Total Skip, Not Employed in Nursing	12 12 24 12 12	% 33.3% 33.3% 66.7%	Valid % 50.0% 50.0%
Missing Total	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire	12 12 24 12 12 12 12 36	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0%	Valid % 50.0% 50.0%
Missing Total	Checked Not Checked Total Skip, Not Employed in Nursing Total	12 12 24 12 12 12 36	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0%	Valid % 50.0% 50.0% 100.0%
Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for a bette	Frequency 12 12 24 12 12 36 r salary outside nu Frequency	% 33.3% 33.3% 66.7% 33.3% 30.0% rsing. %	Valid % 50.0% 100.0%
Missing Total	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for a bette Checked	Frequency 12 12 24 12 12 36 r salary outside nu Frequency	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0%	Valid % 50.0% 100.0% Valid % 25.0%
Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for a bette Checked Not Checked	Frequency 12 12 24 12 12 36 r salary outside nu Frequency 6 18	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0% rsing. % 16.7% 50.0%	Valid % 50.0% 50.0% 100.0% Valid % 25.0% 75.0%
Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for a bette Checked	Frequency 12 12 24 12 12 36 r salary outside nu Frequency	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0%	Valid % 50.0% 100.0% Valid % 25.0%
Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for a bette Checked Not Checked	Frequency 12 12 24 12 12 36 r salary outside nu Frequency 6 18	% 33.3% 33.3% 66.7% 33.3% 33.3% 100.0% rsing. % 16.7% 50.0%	Valid % 50.0% 50.0% 100.0% Valid % 25.0% 75.0%

	46. I would leave nursing for better i	management suppo	ort.	
		Frequency	%	Valid %
Valid	Checked	2	5.6%	8.3%
	Not Checked	22	61.1%	91.7%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing for better a			
		Frequency	%	Valid %
Valid	Checked	3	8.3%	12.5%
	Not Checked	21	58.3%	87.5%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I a unlicensed assistive personnel.	am concerned with	delegation	to
		Frequency	%	Valid %
Valid	Checked	9	25.0%	37.5%
	Not Checked	15	41.7%	62.5%
	Total	24	66.7%	100.0%
				100.07
Missing	Skip, Not Employed in Nursing	12	33.3%	100.076
Missing		12 12	33.3% 33.3%	100.076
Missing Total	Skip, Not Employed in Nursing	12		100.078
Total	Skip, Not Employed in Nursing	12	33.3%	100.078
Total	Skip, Not Employed in Nursing Total	12 36	33.3%	100.078
Total mbulatory	Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing because I f	12 36 Teel overworked. Frequency	33.3% 100.0%	Valid %
Total	Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing because I f	12 36 Teel overworked. Frequency	33.3% 100.0% % 25.0%	Valid % 37.5%
Total mbulatory	Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing because I f Checked Not Checked	12 36 Teel overworked. Frequency 9 15	33.3% 100.0% % 25.0% 41.7%	Valid % 37.5% 62.5%
Total mbulatory	Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing because I f	12 36 Teel overworked. Frequency	33.3% 100.0% % 25.0%	Valid % 37.5%
Total mbulatory	Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing because I f Checked Not Checked	12 36 Teel overworked. Frequency 9 15	33.3% 100.0% % 25.0% 41.7%	Valid % 37.5% 62.5%

	46. I would leave nursing because I a	am concerned with	injury to p	atients.
		Frequency	%	Valid %
Valid	Checked	5	13.9%	20.8%
	Not Checked	19	52.8%	79.2%
	Total	24	66.6%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total				
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I r	need more autonon	ny.	
		Frequency	%	Valid %
Valid	Checked	4	11.1%	16.7%
	Not Checked	20	55.5%	83.3%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I r			
** ** *		Frequency	%	Valid %
Valid	Checked	6		25.0%
	Not Checked	18	50.0%	75.0%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I p			
** 1. 1	01 1 1	Frequency	%	Valid %
Valid	Checked	4	11.1%	16.7%
	Not Checked	20	55.5%	83.3%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	

indurator y	Out-of-State Questionnaire	1		
	46. I would leave nursing for a bette	r work schedule ou	tside nursi	ng.
		Frequency	%	Valid %
Valid	Checked	3	8.3%	12.5%
	Not Checked	21	58.3%	87.5%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	46. I would leave nursing because I a			
** 1. 1	01 1 1	Frequency	%	Valid %
Valid	Checked	3	8.3%	12.5%
	Not Checked	21		87.5%
	Total	24	66.7%	100.0%
Missing	Skip, Not Employed in Nursing	12	33.3%	
	Total	12	33.3%	
Total		36	100.0%	
	Out-of-State Questionnaire	36	100.0%	
	Out-of-State Questionnaire 46. I would leave nursing because I s	seek more challeng	jing work.	Volid o
mbulatory	46. I would leave nursing because I s	seek more challeng Frequency	jing work. %	
	46. I would leave nursing because I s Checked	seek more challeng Frequency	ging work. % 2.8%	4.2%
mbulatory	46. I would leave nursing because I s Checked Not Checked	seek more challeng Frequency 1 23	ging work. % 2.8% 63.9%	4.2% 95.8%
mbulatory	46. I would leave nursing because I s Checked	seek more challeng Frequency	ging work. % 2.8% 63.9%	4.2% 95.8%
mbulatory	46. I would leave nursing because I s Checked Not Checked	seek more challeng Frequency 1 23	2.8% 63.9% 66.6%	4.2% 95.8%
mbulatory Valid	Checked Not Checked Total	Frequency 1 23 24	2.8% 63.9% 66.6%	4.2% 95.8%
mbulatory Valid	46. I would leave nursing because I s Checked Not Checked Total Skip, Not Employed in Nursing	Frequency 1 23 24 12	2.8% 63.9% 66.6%	4.2% 95.8%
mbulatory Valid Missing Total	46. I would leave nursing because I s Checked Not Checked Total Skip, Not Employed in Nursing	Frequency 1 23 24 12	2.8% 63.9% 66.6% 33.3% 33.3%	4.2% 95.8%
mbulatory Valid Missing Total	Checked Not Checked Total Skip, Not Employed in Nursing Total	Frequency 1 23 24 12 12 36	2.8% 63.9% 66.6% 33.3% 33.3% 100.0%	4.2% 95.8% 100.0%
mbulatory Valid Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for some o	requency 1 23 24 12 12 36 ther reason. Frequency	33.3% 33.3% 100.0%	4.2% 95.8% 100.0% Valid %
mbulatory Valid Missing Total	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for some o	Frequency 1 23 24 12 12 36 ther reason. Frequency	33.3% 33.3% 100.0%	4.2% 95.8% 100.0% Valid %
mbulatory Valid Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for some o	requency 1 23 24 12 12 36 ther reason. Frequency	33.3% 33.3% 100.0%	4.2% 95.8% 100.0% Valid %
mbulatory Valid Missing Total mbulatory	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for some o	Frequency 1 23 24 12 12 36 ther reason. Frequency	33.3% 33.3% 100.0%	Valid % 4.2% 95.8% 100.0% Valid % 100.0%
mbulatory Valid Missing Total mbulatory Valid	Checked Not Checked Total Skip, Not Employed in Nursing Total Out-of-State Questionnaire 46. I would leave nursing for some o Not Checked Total	requency 1 23 24 12 12 36 ther reason. Frequency 24 24	2.8% 63.9% 66.6% 33.3% 30.0%	4.2% 95.8% 100.0% Valid %

mbulatory	Out-of-State Questionnaire			
	50. What is your marital status?			
		Frequency	%	Valid %
Valid	Married or Cohabitating	29	80.5%	80.6%
	Single	5	13.9%	13.9%
	Widowed	2	5.6%	5.6%
	Total	36	100.0%	100.0%
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	51. What is the highest level of educa completed?	tion your spouse	or partner l	nas
		Frequency	%	Valid %
Valid	High School Grad or GED	4	11.1%	13.8%
	Some College or Associates Degree	8	22.2%	27.6%
	Bachelors Degree	13	36.1%	44.8%
	Graduate or Professional Degree	4	11.1%	13.8%
	Total	29	80.5%	100.0%
Missing	Skip	7	19.4%	
	Total	7	19.4%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	52. Was your spouse or partner emplo	yed during the re	eference per	iod?
		Frequency	%	Valid %
Valid	Yes	22	61.1%	78.6%
	No	6	16.7%	21.4%
	Total	28	77.8%	100.0%
Missing	Skip	7	19.4%	
	No Answer	1	2.8%	
	Total	8	22.2%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	55. Do you have dependents living in	_		
		Frequency	%	Valid %
Valid	No	22	61.1%	61.1%
	Yes	14	38.9%	38.9%
	Total	36	100.0%	

A b l a t a	0.1.50.1.0			
Ambulatory	Out-of-State Questionnaire	mto on vour onevo	a /mantman/a	naranto?
	56. Do you provide care for your pare		e/partners %	Valid %
Valid	Yes	Frequency 8	22.2%	22.2%
vanu	No	28	77.8%	77.8%
	Total		100.0%	11.070
	Total	30	100.0%	
Total		36	100.0%	
Ambulatory	Out-of-State Questionnaire			
	58. What was the total pre-tax incom months?	e in your househo	old in the pa	ıst 12
		Frequency	%	Valid %
Valid	Less than \$20,000	1	2.8%	3.0%
	\$30,000 to \$39,999	1	2.8%	3.0%
	\$40,000 to \$49,999	2	5.6%	6.1%
	\$50,000 to \$59,999	3	8.3%	9.1%
	\$60,000 to \$69,999	2	5.6%	6.1%
	\$70,000 to \$79,999	4	11.1%	12.1%
	\$80,000 to \$99,999	11	30.6%	33.3%
	\$100,000 to \$124,999	2	5.6%	6.1%
	\$125,000 to \$149,999	4	11.1%	12.1%
	\$150,000 to \$199,999	1	2.8%	3.0%
	\$200,000 or more	2	5.6%	6.1%
	Total	33	91.6%	100.0%
Missing	No Answer	3	8.3%	
	Total	3	8.3%	
Total		36	99.9%	
otal does not	equal 100.0% due to rounding.			
Ambulatory	Out-of-State Questionnaire			
	60. Of the following reasons, which o current community?	ne best describes	why you liv	e in your
		Frequency	%	Valid %
Valid	Existing Job	4	11.1%	11.1%
	Spouse or Partner Job	11	30.6%	30.6%
	Cost of Living/Affordable Housing	3	8.3%	8.3%
	Proximity to Natural Amenities	3	8.3%	8.3%
	Proximity to Family	6	16.7%	16.7%
	Other	6	16.7%	16.7%
	Multiple Reasons Chosen	3	8.3%	8.3%
	Total	36	100.0%	100.0%
Total		24	100.0%	

	61. How much do you agree or disagr tied to this community and cannot lo		ing stateme	ent: "I am
		Frequency	%	Valid %
Valid	Strongly Agree	6	16.7%	17.1%
	Agree	5	13.9%	14.3%
	Neither Agree Nor Disagree	11	30.6%	31.4%
	Disagree	3	8.3%	8.6%
	Strongly Disagree	10	27.8%	28.6%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	62. How would you rate your current	_		
Valid	Very Dissatisfied	Frequency 5	% 13.9%	Valid %
vanu	Dissatisfied	7	19.4%	20.0%
	Neither Satisfied Nor Dissatisfied	8	22.2%	20.07
	Satisfied	9	25.0%	25.7%
	Very Satisfied	5	13.9%	14.3%
	Don't Know	1	2.8%	2.9%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
Ü	Total	1	2.8%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	63. How would you rate your current		=	=
X 7 1 1 1	W D: (1.0.1	Frequency	%	Valid %
Valid	Very Dissatisfied	3	8.3%	8.6%
	Dissatisfied	7	19.4%	20.0%
	Neither Satisfied Nor Dissatisfied	4	11.1%	11.49
	Satisfied	13	36.1%	37.1%
	Very Satisfied	8	22.2%	22.9%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	

	64. How would you rate your current	community for co	st of living	?
		Frequency	%	Valid %
Valid	Very Dissatisfied	5	13.9%	14.3%
	Dissatisfied	6	16.7%	17.1%
	Neither Satisfied Nor Dissatisfied	11	30.6%	31.4%
	Satisfied	11	30.6%	31.4%
	Very Satisfied	2	5.6%	5.7%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	65. How would you rate your current	community for ru Frequency	ıral charact %	er? Valid %
Valid	Dissatisfied	2	5.6%	5.7%
	Neither Satisfied Nor Dissatisfied	6		17.1%
	Satisfied	16		45.7%
	Very Satisfied	10	27.8%	28.6%
	Don't Know	1	2.8%	2.9%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	66. How would you rate your current	community for up	ban charac %	ter? Valid %
Valid	Very Dissatisfied	5	13.9%	14.3%
· cara	Dissatisfied	3	8.3%	8.6%
	Neither Satisfied Nor Dissatisfied	9	25.0%	25.7%
	Satisfied	11	30.6%	31.4%
	Very Satisfied	2	5.6%	5.7%
	Don't Know	5	13.9%	14.3%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total			100.0%	

	67. How would you rate your current	community for ho	ousing?	
		Frequency	%	Valid %
Valid	Very Dissatisfied	9	25.0%	25.7%
	Dissatisfied	5	13.9%	14.3%
	Neither Satisfied Nor Dissatisfied	5	13.9%	14.3%
	Satisfied	10	27.8%	28.6%
	Very Satisfied	5	13.9%	14.3%
	Don't Know	1	2.8%	2.9%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total		36	100.0%	
nbulatory	Out-of-State Questionnaire			
	68. How would you rate your current		-	
3.7 - 11 -1	War Discussions	Frequency	%	Valid %
Valid	Very Dissatisfied Dissatisfied	2	5.6%	5.7% 14.3%
	Neither Satisfied Nor Dissatisfied	5 10	13.9% 27.8%	28.6%
	Satisfied	13		37.1%
	Very Satisfied	5		14.3%
	Total	35		100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	
Total		36	100.0%	
nbulatorv	Out-of-State Questionnaire			
	69. How would you rate your current recreation/natural amenities?	community in ter	ms of parks	and
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	2.8%	2.9%
	Dissatisfied	3	8.3%	8.6%
	Neither Satisfied Nor Dissatisfied	7	19.4%	20.0%
	Satisfied	14	38.9%	40.0%
	Very Satisfied	10	27.8%	28.6%
	Total	35	97.2%	100.0%
Missing	No Answer	1	2.8%	
	Total	1	2.8%	

	70. How would you rate your current	community in ter	ms of educa	ation (K-12)
		Frequency	%	Valid %
Valid	Very Dissatisfied	3	8.3%	8.8%
	Dissatisfied	5	13.9%	14.7%
	Neither Satisfied Nor Dissatisfied	7	19.4%	20.6%
	Satisfied	8	22.2%	23.5%
	Very Satisfied	3	8.3%	8.8%
	Don't Know	8	22.2%	23.5%
	Total	34	94.4%	100.0%
Missing	No Answer	2	5.6%	
	Total	2	5.6%	
Total		2.4	400.00/	
	Out-of-State Questionnaire 71. How would you rate your current		100.0%	ss to post-
	71. How would you rate your current	community in ter	ms of acces	ss to post-
		community in ter	ms of acces	·
	71. How would you rate your current	community in ter	ms of acces	ss to post- Valid %
mbulatory	71. How would you rate your current secondary education, including conti	community in ter inuing education? Frequency	ms of acces	Valid %
mbulatory	71. How would you rate your current secondary education, including conti	community in ter inuing education? Frequency	ms of acces % 11.1%	Valid %
mbulatory	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied	community in ter inuing education? Frequency 4 8	% 11.1% 22.2%	Valid % 11.4% 22.9%
mbulatory	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	community in ter inuing education? Frequency 4 8 8	% 11.1% 22.2% 22.2%	Valid % 11.4% 22.9% 22.9% 20.0%
mbulatory	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	community in ter inuing education? Frequency 4 8 8 8	% 11.1% 22.2% 22.2% 19.4%	Valid % 11.4% 22.9%
mbulatory	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	community in terinuing education? Frequency 4 8 8 7 5	% 11.1% 22.2% 22.2% 19.4% 13.9%	Valid % 11.4% 22.9% 22.9% 20.0% 14.3%
mbulatory	71. How would you rate your current secondary education, including continuous Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	community in terinuing education? Frequency 4 8 7 5 3	% 11.1% 22.2% 22.2% 19.4% 13.9% 8.3%	Valid % 11.4% 22.9% 22.9% 20.0% 14.3% 8.6%
mbulatory Valid	71. How would you rate your current secondary education, including continuous very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	community in terinuing education? Frequency 4 8 8 7 5 3 35	% 11.1% 22.2% 22.2% 19.4% 13.9% 8.3% 97.2%	Valid % 11.4% 22.9% 22.9% 20.0% 14.3% 8.6%

	72. How would you rate your current			
		Frequency	%	Valid %
Valid	Very Dissatisfied	4	11.1%	11.8%
	Dissatisfied	4	11.1%	11.8%
	Neither Satisfied Nor Dissatisfied	7	19.4%	20.6%
	Satisfied	2	5.6%	5.9%
	Very Satisfied	1	2.8%	2.9%
	Don't Know	16	44.4%	47.1%
	Total	34	94.4%	100.0%
Missing	No Answer	2	5.6%	
	Total	2	5.6%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire 73. How would you rate your current			cal care
nbulatory				cal care
nbulatory	73. How would you rate your current			cal care Valid %
mbulatory Valid	73. How would you rate your current	community in ter	ms of medi	
	73. How would you rate your current services?	community in ter	ms of medi	Valid %
	73. How would you rate your current services? Very Dissatisfied	community in ter Frequency	ms of medi % 19.4%	Valid % 20.6%
	73. How would you rate your current services? Very Dissatisfied Dissatisfied	community in ter Frequency 7	% 19.4% 19.4%	Valid % 20.6% 20.6%
	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	community in ter Frequency 7 7 6	% 19.4% 19.4% 16.7% 33.3%	Valid % 20.6% 20.6% 17.6%
	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 7 7 6 12	% 19.4% 19.4% 16.7% 33.3%	Valid % 20.6% 20.6% 17.6% 35.3%
	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 7 7 6 12	7ms of medi % 19.4% 19.4% 16.7% 33.3% 2.8%	Valid % 20.6% 20.6% 17.6% 35.3% 2.9%
Valid	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 7 7 6 12 1	7ms of medi % 19.4% 19.4% 16.7% 33.3% 2.8% 2.8%	Valid % 20.6% 20.6% 17.6% 35.3% 2.9%
	73. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	Frequency 7 7 6 12 1 1 34	7ms of medi % 19.4% 19.4% 16.7% 33.3% 2.8% 2.8% 94.4%	Valid % 20.6% 20.6% 17.6% 35.3% 2.9%

	74. How would you rate your current services?	community in ter	ms of ment	al care
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	19.4%	20.6%
	Dissatisfied	9	25.0%	26.5%
	Neither Satisfied Nor Dissatisfied	7	19.4%	20.6%
	Satisfied	7	19.4%	20.6%
	Very Satisfied	2	5.6%	5.9%
	Don't Know	2	5.6%	5.9%
	Total	34	94.4%	100.0%
Missing	No Answer	2	5.6%	
	Total	2	5.6%	
Total		36	100.0%	
mbulatory	Out-of-State Questionnaire			
	75. How would you rate your current	-		•
Valid	Very Dissatisfied	Frequency 7	% 19.4%	Valid %
vanu	Dissatisfied Dissatisfied	11	30.6%	32.4%
	Neither Satisfied Nor Dissatisfied	7		20.6%
	Satisfied	8	22.2%	23.5%
	Very Satisfied	1	2.8%	2.9%
	Total	34		100.0%
Missing	No Answer	2	5.6%	
mioomig	Total	2	5.6%	
Total		_	100.0%	
mbulatory	Out-of-State Questionnaire			
	76. How would you rate your current entertainment?	community in ter	ms of resta	urants/
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	19.4%	20.6%
	Dissatisfied	10	27.8%	29.4%
	Neither Satisfied Nor Dissatisfied	8	22.2%	23.5%
	Satisfied	7	19.4%	20.6%
	Very Satisfied	2	5.6%	5.9%
	Total	34	94.4%	100.0%
Missing	No Answer	2	5.6%	
	Total	2	5.6%	
Total		0.1	100.0%	

	77. If given the opportunity, how I your current community?	77. If given the opportunity, how likely would you be to move away from your current community?				
		Frequency	%	Valid %		
Valid	Very Likely	8	22.2%	22.9%		
	Likely	9	25.0%	25.7%		
	Neither Likely Nor Unlikely	3	8.3%	8.6%		
	Unlikely	5	13.9%	14.3%		
	Very Unlikely	8	22.2%	22.9%		
	Don't Know	2	5.6%	5.7%		
	Total	35	97.2%	100.0%		
Missing	No Answer	1	2.8%			
	Total	1	2.8%			
Total		36	100.0%			

Frequencies for Hospital and Long-Term Care Survey, Nurses Working in-State During First and Second Quarter 2007

Frequency Missing = 917

	1. What was your employment status as	of the reference	date?	
		Frequency	%	Valid %
Valid	Employed Full-Time	1,449	76.2%	76.4%
	Employed Part-Time	390	20.5%	20.6%
	Retired	16	0.8%	0.8%
	Not Working Outside Home	25	1.3%	1.3%
	Volunteer	1	0.1%	0.1%
	Employed, Not in Nursing	15	0.8%	0.8%
	Total	1,896	99.7%	100.0%
Missing	No Answer	5	0.3%	
	Total	5	0.3%	
Total		1,901	100.0%	
		Frequency	%	Valid %
Valid	Nurse Educator	46	2.4%	2.5%
				2.5%
	Administration/Management	217	11.4%	11.8%
	Administration/Management Quality Assurance/Risk Management	217 27	11.4% 1.4%	11.8%
	·			11.8%
	Quality Assurance/Risk Management	27	1.4%	11.8% 1.5% 78.0%
	Quality Assurance/Risk Management Direct Patient Care	27 1,432	1.4% 75.3%	11.8% 1.5% 78.0% 0.7%
	Quality Assurance/Risk Management Direct Patient Care Infection Control	27 1,432 13	1.4% 75.3% 0.7%	11.8% 1.5% 78.0% 0.7% 1.4%
	Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review	27 1,432 13 26	1.4% 75.3% 0.7% 1.4%	11.8% 1.5% 78.0% 0.7% 1.4% 3.7%
	Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other	27 1,432 13 26 68	1.4% 75.3% 0.7% 1.4% 3.6%	11.8% 1.5% 78.0% 0.7% 1.4% 3.7% 0.4%
Missing	Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen	27 1,432 13 26 68 8	1.4% 75.3% 0.7% 1.4% 3.6% 0.4%	
Missing	Quality Assurance/Risk Management Direct Patient Care Infection Control Case Manager/Utilization Review Other Multiple Responses Chosen Total	27 1,432 13 26 68 8 1,837	1.4% 75.3% 0.7% 1.4% 3.6% 0.4% 96.6%	11.8% 1.5% 78.0% 0.7% 1.4% 3.7% 0.4%

	2a. If your primary nursing job is dire patient care do you provide?	ct patient care, wha	at kind of d	irect
		Frequency	%	Valid %
Valid	Cardiac Care	53	2.8%	3.7%
	Renal/Urology	9	0.5%	0.6%
	Neurology	18	0.9%	1.3%
	Pediatrics	20	1.1%	1.4%
	General Surgery	185	9.7%	12.8%
	General Medicine/Family Practice	205	10.8%	14.2%
	Cancer Care	25	1.3%	1.7%
	Orthopedics	11	0.6%	0.8%
	Respiratory	2	0.1%	0.1%
	Mental Health	47	2.5%	3.3%
	Women's Health	4	0.2%	0.3%
	Obstetrics/Neonatal	176	9.3%	12.2%
	Emergency Room	144	7.6%	10.0%
	Corrections	3	0.2%	0.2%
	Allergies/Asthma	1	0.1%	0.1%
	Rehab	13	0.7%	0.9%
	Anesthesia	6	0.3%	0.4%
	Assisted Living/LTC	215	11.3%	14.9%
	Home Health Care	51	2.7%	3.5%
	CCU/ICU	60	3.2%	4.2%
	PACU	27	1.4%	1.9%
	Med-Surg	44	2.3%	3.1%
	Float Pool	40	2.1%	2.8%
	Infusion/IV	9	0.5%	0.6%
	Life Flight	3	0.2%	0.2%
	Urgent Care	1	0.1%	0.1%
	Public Health	1	0.1%	0.1%
	Other	67	3.5%	4.7%
	Total	1,440	75.6%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	398	20.9%	
	No Answer	8	0.4%	
	Total	461	24.2%	
Total		1,901	99.9%	

	2b. Are you a nurse practitioner?			
		Frequency	%	Valid %
Valid	Not a Nurse Practitioner	1,774	93.3%	97.8%
	Nurse Anesthetist	13	0.7%	0.7%
	Family Nurse Practitioner	15	0.8%	0.8%
	Other	11	0.6%	0.6%
	Total	1,813	95.3%	100.0%
Mississes	Clair Nat Francisco dia Nancia	55	0.00/	
Missing	Skip, Not Employed in Nursing		2.9%	
	Skip	2	0.1%	
	No Answer	31	1.6%	
-	Total	88	4.6%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	4. Which of the following best descri		=	
		Frequency	%	Valid %
Valid	Ambulatory Healthcare	178	9.4%	9.7%
	Hospitals	1,285	67.6%	70.1%
	Long-Term Care	338	17.8%	18.4%
	Other	33	1.7%	1.8%
		1,834	96.5%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	10	0.5%	
		67	3.5%	
Total		1,901	100.0%	
nsnital and	Long-Term Care in-State Questionnaire	.		
ospriai_aria	6. Do you plan to leave employment		acility withi	n the
	next 12 months?	Frequency	%	Valid %
Valid	Yes	302	15.9%	16.4%
	No	1,534	80.7%	83.6%
	Total	1,836	96.6%	100.0%
Miggin -	Clain Not Employed in Neuroine	5.5	0.00/	
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	8	0.4%	
-	Total	65	3.4%	
Total		1,901	100.0%	

	7. If you answered YES to planning to lo your primary reason for leaving?	eave in the next 1	2 months, v	vhat is
		Frequency	%	Valid %
Valid	Taking Another Job in Healthcare	119	6.3%	39.9%
	Taking Another Job Outside Healthcare	8	0.4%	2.7%
	Family Status Change	12	0.6%	4.0%
	Relocating	75	3.9%	25.2%
	Continuing Education	15	0.8%	5.0%
	Retiring	33	1.7%	11.1%
	Other	36	1.9%	12.1%
	Total	298	15.6%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	1,534	80.7%	
	No Answer	14	0.7%	
	Total	1,603	84.3%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	8. When do you plan to retire from you	. , ,		
		Frequency	%	Valid %
Valid	More Than 1 Year But Less Than 3	121	6.4%	6.8%
	More Than 3 Years But Less Than 5	151	7.9%	8.5%
	More Than 5 Years	924	48.6%	52.1%
	Don't Know	578	30.4%	32.6%
	Total	1,774	93.3%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	33	1.7%	
	No Answer	39	2.1%	
	Total	127	6.7%	
		1,901	100.0%	

	9. Do you plan to continue working a primary facility?	is a nurse after retir	ing from you	ur
		Frequency	%	Valid %
Valid	Yes	407	21.4%	23.0%
	No	374	19.7%	21.1%
	Don't Know	990	52.1%	55.9%
	Total	1,771	93.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	3	0.2%	
	No Answer	72	3.8%	
	Total	130	6.8%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	10. If you have a second job, is it in i	Frequency	%	Valid %
Valid	Yes	267	14.0%	15.2%
	No	1,410	74.2%	80.0%
	Second Job Not in Nursing	85	4.5%	4.8%
	Total	1,762	92.7%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	3	0.2%	
	No Answer	81	4.3%	
	Total	139	7.3%	

	11. Which of the following best descr nursing job?	ibes the position tit	le of your se	econdary
		Frequency	%	Valid %
Valid	Direct Patient Care	203	10.7%	75.2%
	Administration/Management	8	0.4%	3.0%
	Case Manager/Utilization Review	7	0.4%	2.6%
	Nurse Educator	21	1.1%	7.8%
	Infection Control	2	0.1%	0.7%
	Researcher/Consultant	1	0.1%	0.4%
	Nurse Practitioner	5	0.3%	1.9%
	Other	22	1.2%	8.1%
	Don't Know	1	0.1%	0.4%
	Total	270	14.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	1,493	78.5%	
	No Answer	83	4.4%	
	Total	1,631	85.8%	
Total		1,901	99.9% ^a	
otal does n	ot equal 100.0% due to rounding.			
ospital and	Long-Term Care in-State Questionnaire			
	12. Which of the following best descr	-		
		Frequency	%	Valid %
Valid	Ambulatory Healthcare	69	3.6%	25.5%
	Hospitals	110	5.8%	40.6%
	Long-Term Care	38	2.0%	14.0%
	Other	53	2.8%	19.6%
	Don't Know	1	0.1%	0.4%
	Total	271	14.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	1,492	78.4%	
	No Answer	83	4.4%	

	13. What is the length of your typica	I scheduled shift at	your primar	y job?
		Frequency	%	Valid %
Valid	8 hours	531	27.9%	29.7%
	12 hours	876	46.1%	49.0%
	Both 8 and 12 hours	119	6.3%	6.7%
	Other	263	13.8%	14.7%
	Total	1,789	94.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	55	2.9%	
	Total	112	5.9%	
Total		1,901	100.0%	
spital and	Long-Term Care in-State Questionnaire	;		
	14. Do you have an on-call requirement		-	Valid 0
Valid	Yes	Frequency	46.99/	Valid % 49.8%
vand		889	46.8%	49.8% 50.2%
	No Total	897	47.2%	100.0%
	Total	1,786	93.9%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	58	3.1%	
	Total	115	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	15. During the reference period did y	ou work on-call tim, Frequency	e and why?	Valid %
Valid	I did not work on-call time	496	26.1%	49.9%
· cara	Called in for single procedure	103	5.4%	10.4%
	Called in for entire shift	234	12.3%	23.6%
	Other	160	8.4%	16.1%
	Total	993	52.2%	100.0%
Missing	Skip, Not Employed in Nursing	56	2.9%	
Ü	Skip	787	41.4%	
	No Answer	65	3.4%	
	Total	908	47.7%	
Total		1,901	100.0%	

	16. During the reference period did you he your regularly scheduled shift at the requ			
		Frequency	%	Valid %
Valid	No	1,421	74.8%	79.6%
	Yes, once	254	13.4%	14.2%
	Yes, twice	72	3.8%	4.0%
	Other	38	2.0%	2.1%
	Total	1,785	93.9%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	59	3.1%	
	Total	116	6.1%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire 17. Which of the following best describes			
ospital and		why you worked Frequency	d extra hour %	s? Valid %
ospital and				
	17. Which of the following best describes I wanted to help out when the unit was	Frequency	%	Valid %
	17. Which of the following best describes of I wanted to help out when the unit was understaffed	Frequency 599	% 31.5%	Valid % 45.3%
	17. Which of the following best describes of I wanted to help out when the unit was understaffed I wanted extra money	Frequency 599 183	% 31.5% 9.6%	Valid % 45.3% 13.9%
	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or	599 183 25	% 31.5% 9.6% 1.3%	Valid % 45.3% 13.9% 1.9%
	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff	599 183 25 97	% 31.5% 9.6% 1.3% 5.1%	Valid % 45.3% 13.9% 1.9% 7.3%
	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff I was required (mandated) to work	599 183 25 97	% 31.5% 9.6% 1.3% 5.1% 13.6%	Valid % 45.3% 13.9% 1.9% 7.3%
	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff I was required (mandated) to work Other	599 183 25 97 259 158	% 31.5% 9.6% 1.3% 5.1% 13.6% 8.3%	Valid % 45.3% 13.9% 1.9% 7.3% 19.6% 12.0%
Valid	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff I was required (mandated) to work Other Total	599 183 25 97 259 158 1,321	% 31.5% 9.6% 1.3% 5.1% 13.6% 8.3% 69.5%	Valid % 45.3% 13.9% 1.9% 7.3% 19.6% 12.0%
Valid	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff I was required (mandated) to work Other Total Skip, Not Employed in Nursing	599 183 25 97 259 158 1,321	% 31.5% 9.6% 1.3% 5.1% 13.6% 8.3% 69.5%	Valid % 45.3% 13.9% 1.9% 7.3% 19.6% 12.0%
Valid	I wanted to help out when the unit was understaffed I wanted extra money I wanted time off on another day I felt pressured by manager, supervisor, or other staff I was required (mandated) to work Other Total Skip, Not Employed in Nursing Skip	599 183 25 97 259 158 1,321	% 31.5% 9.6% 1.3% 5.1% 13.6% 8.3% 69.5% 2.9% 0.4%	Valid % 45.3% 13.9% 1.9% 7.3% 19.6% 12.0%

	18. In the past year, has the amount required of you:	of mandatory unsch	neduled over	time
		Frequency	%	Valid %
Valid	Increased	351	18.5%	20.0%
	Remained about the same	482	25.4%	27.5%
	Decreased	86	4.5%	4.9%
	Not Applicable	834	43.9%	47.5%
	Don't Know	1	0.1%	0.1%
	Total	1,754	92.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	90	4.7%	
	Total	147	7.7%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire 19. Do you think that overtime hour facility?		in your prir	nary
	,	Frequency	%	Valid %
Valid	Yes	1,221	64.2%	75.5%
	No	393	20.7%	24.3%
	Don't Know	3	0.2%	0.2%
	Total	1,617	85.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
Missing	Skip, Not Employed in Nursing Skip	55 3	2.9% 0.2%	
Missing				
Missing	Skip	3	0.2%	

	20. How would you rate your overall s	satisiaction with yo	an primmary i	aciiity.
		Frequency	%	Valid %
Valid	Very Dissatisfied	49	2.6%	2.7%
	Dissatisfied	228	12.0%	12.6%
	Neither Satisfied Nor Dissatisfied	392	20.6%	21.6%
	Satisfied	904	47.5%	49.8%
	Very Satisfied	243	12.8%	13.4%
	Total	1,816	95.5%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	28	1.5%	
	Total	85	4.5%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire 21. How would you rate your satisfact primary facility?		salary at yo	ur
ospital and	21. How would you rate your satisfact	tion with your base		
	21. How would you rate your satisfact primary facility?	tion with your base Frequency	%	Valid %
ospital and	21. How would you rate your satisfact primary facility? Very Dissatisfied	tion with your base Frequency 125	% 6.6%	Valid % 6.8%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied	Frequency 125 428	% 6.6% 22.5%	Valid % 6.8% 23.4%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 125 428 397	% 6.6% 22.5% 20.9%	Valid % 6.8% 23.4% 21.7%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 125 428 397 673	% 6.6% 22.5% 20.9% 35.4%	Valid % 6.8% 23.4% 21.7% 36.8%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 125 428 397	% 6.6% 22.5% 20.9% 35.4% 10.8%	Valid % 6.8% 23.4% 21.7% 36.8% 11.3%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 125 428 397 673 206	% 6.6% 22.5% 20.9% 35.4%	Valid % 6.8% 23.4% 21.7% 36.8%
	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 125 428 397 673 206	% 6.6% 22.5% 20.9% 35.4% 10.8% 0.1%	Valid % 6.8% 23.4% 21.7% 36.8% 11.3% 0.1%
Valid	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 125 428 397 673 206 1 1,830	% 6.6% 22.5% 20.9% 35.4% 10.8% 0.1% 96.2%	Valid % 6.8% 23.4% 21.7% 36.8% 11.3% 0.1%
Valid	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 125 428 397 673 206 1 1,830	% 6.6% 22.5% 20.9% 35.4% 10.8% 0.1% 96.2%	Valid % 6.8% 23.4% 21.7% 36.8% 11.3% 0.1%
Valid	21. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 125 428 397 673 206 1 1,830	% 6.6% 22.5% 20.9% 35.4% 10.8% 0.1% 96.2% 2.9% 0.1%	Valid % 6.8% 23.4% 21.7% 36.8% 11.3% 0.1%

	22. How would you rate your satisfact position at your primary facility?	ion with the salary	range for y	Jui
		Frequency	%	Valid %
Valid	Very Dissatisfied	136	7.2%	7.4%
	Dissatisfied	488	25.7%	26.7%
	Neither Satisfied Nor Dissatisfied	425	22.4%	23.3%
	Satisfied	596	31.4%	32.6%
	Very Satisfied	161	8.5%	8.8%
	Not Applicable	21	1.1%	1.1%
	Total	1,827	96.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	17	0.9%	
	Total	74	3.9%	
Total	Long-Term Care in-State Questionnaire 23. How would you rate your satisfact	1,901 ion with the emplo	100.0% yee benefits	at your
	-	ion with the emplo	yee benefits	,
lospital and	23. How would you rate your satisfact primary facility?	ion with the emplo Frequency	yee benefits %	Valid %
	23. How would you rate your satisfact primary facility? Very Dissatisfied	ion with the emplo Frequency	yee benefits % 9.6%	Valid %
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied	ion with the emplo Frequency 183 366	9.6% 19.3%	Valid % 10.0% 20.1%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 183 366 442	9.6% 19.3% 23.3%	Valid % 10.0% 20.1% 24.2%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 183 366 442 579	9.6% 19.3% 23.3% 30.4%	Valid % 10.0% 20.1% 24.2% 31.8%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 183 366 442 579 170	9.6% 19.3% 23.3% 30.4% 8.9%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 183 366 442 579 170 82	9.6% 19.3% 23.3% 30.4% 8.9% 4.3%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know	Frequency 183 366 442 579 170 82 1	9.6% 19.3% 23.3% 30.4% 8.9% 4.3% 0.1%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5% 0.1%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 183 366 442 579 170 82	9.6% 19.3% 23.3% 30.4% 8.9% 4.3%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know	Frequency 183 366 442 579 170 82 1	9.6% 19.3% 23.3% 30.4% 8.9% 4.3% 0.1%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5% 0.1%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total	Frequency 183 366 442 579 170 82 1 1,823	9.6% 19.3% 23.3% 30.4% 8.9% 4.3% 0.1% 95.9%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5% 0.1%
lospital and	23. How would you rate your satisfact primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total Skip, Not Employed in Nursing	Frequency 183 366 442 579 170 82 1 1,823	9.6% 19.3% 23.3% 30.4% 8.9% 4.3% 0.1% 95.9%	Valid % 10.0% 20.1% 24.2% 31.8% 9.3% 4.5% 0.1%

	24. How would you rate your satisfact work?	tion with the skill o	of RNs where	you
		Frequency	%	Valid %
Valid	Very Dissatisfied	37	1.9%	2.0%
	Dissatisfied	188	9.9%	10.3%
	Neither Satisfied Nor Dissatisfied	400	21.0%	21.9%
	Satisfied	791	41.6%	43.2%
	Very Satisfied	391	20.6%	21.4%
	Not Applicable	23	1.2%	1.3%
	Total	1,830	96.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	14	0.7%	
	Total	71	3.7%	
Total		1,901	99.9%ª	
	25. How would you rate your satisfact where you work?	tion with the adequ	acy of RN st	affing
	where you work.	Frequency	%	Valid %
Valid	Very Dissatisfied	143	7.5%	7.8%
	Dissatisfied	445	23.4%	24.3%
	Neither Satisfied Nor Dissatisfied	459	24.1%	25.1%
	Satisfied	557	29.3%	30.5%
	Very Satisfied	200	10.5%	10.9%
	Not Applicable	25	1.3%	1.4%
	Total	1,829	96.2%	100.0%
		55	2.9%	
Missing	Skip, Not Employed in Nursing			
Missing	Skip, Not Employed in Nursing Skip	2	0.1%	
Missing		2 15	0.1% 0.8%	

	26. How would you rate your satisfact support services at your primary faci		acy of cleric	al
	support sol tioss at your primary last	Frequency	%	Valid %
Valid	Very Dissatisfied	144	7.6%	7.9%
	Dissatisfied	393	20.7%	21.5%
	Neither Satisfied Nor Dissatisfied	509	26.8%	27.9%
	Satisfied	597	31.4%	32.7%
	Very Satisfied	155	8.2%	8.5%
	Not Applicable	27	1.4%	1.5%
	Total	1,825	96.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	19	1.0%	
	Total	76	4.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire 27. How would you rate your satisfact	ion with the non-n	ursing tasks	required
ospital and		ion with the non-n	ursing tasks	required
ospital and	27. How would you rate your satisfact	ion with the non-n	ursing tasks %	required Valid %
ospital and	27. How would you rate your satisfact		Ü	·
	27. How would you rate your satisfact of you at your primary facility?	Frequency	%	Valid %
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied	Frequency 139	% 7.3%	Valid %
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied	Frequency 139 358	7.3% 18.8%	Valid %
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 139 358 553	7.3% 18.8% 29.1%	Valid % 7.7% 19.7% 30.5%
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	139 358 553 519	7.3% 18.8% 29.1% 27.3%	7.7% 19.7% 30.5% 28.6%
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 139 358 553 519 106	7.3% 18.8% 29.1% 27.3% 5.6%	7.7% 19.7% 30.5% 28.6% 5.8%
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 139 358 553 519 106 140	7.3% 18.8% 29.1% 27.3% 5.6% 7.4%	Valid % 7.7% 19.7% 30.5% 28.6% 5.8% 7.7%
	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know	Frequency 139 358 553 519 106 140 1	7.3% 18.8% 29.1% 27.3% 5.6% 7.4% 0.1%	7.7% 19.7% 30.5% 28.6% 5.8% 7.7%
Valid	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total	Frequency 139 358 553 519 106 140 1 1,816	7.3% 18.8% 29.1% 27.3% 5.6% 7.4% 0.1% 95.5%	7.7% 19.7% 30.5% 28.6% 5.8% 7.7%
Valid	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total Skip, Not Employed in Nursing	Frequency 139 358 553 519 106 140 1 1,816	7.3% 18.8% 29.1% 27.3% 5.6% 7.4% 0.1% 95.5%	7.7% 19.7% 30.5% 28.6% 5.8% 7.7%
Valid	27. How would you rate your satisfact of you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Don't Know Total Skip, Not Employed in Nursing Skip	Frequency 139 358 553 519 106 140 1 1,816	7.3% 18.8% 29.1% 27.3% 5.6% 7.4% 0.1% 95.5%	7.7% 19.7% 30.5% 28.6% 5.8% 7.7%

	28. How would you rate your satisfact required of you at your primary facili		nt of paperw	ork
		Frequency	%	Valid %
Valid	Very Dissatisfied	301	15.8%	16.4%
	Dissatisfied	592	31.1%	32.3%
	Neither Satisfied Nor Dissatisfied	497	26.1%	27.1%
	Satisfied	387	20.3%	21.1%
	Very Satisfied	45	2.4%	2.5%
	Not Applicable	9	0.5%	0.5%
	Total	1,831	96.3%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	13	0.7%	
	Total	70	3.7%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	29. How would you rate your satisfact	ion with your phys	ical work en	vironmen
		Frequency	%	Valid %
Valid	Very Dissatisfied	66	3.5%	3.6%
	Dissatisfied	233	12.3%	12.7%
	Neither Satisfied Nor Dissatisfied	486	25.6%	26.5%
	Satisfied	835	43.9%	45.6%
	Very Satisfied	208	10.9%	11.4%
	Not Applicable	4	0.2%	0.2%
	Total	1,832	96.4%	100.0%
	. 5 (4)			
Missing	Skip, Not Employed in Nursing	55	2.9%	
Missing		55 2	2.9% 0.1%	
Missing	Skip, Not Employed in Nursing			
Missing	Skip, Not Employed in Nursing Skip	2	0.1%	

	30. How would you rate your satisfact the facility where you work?			
		Frequency	%	Valid %
Valid	Very Dissatisfied	54	2.8%	3.0%
	Dissatisfied	148	7.8%	8.1%
	Neither Satisfied Nor Dissatisfied	359	18.9%	19.6%
	Satisfied	893	47.0%	48.8%
	Very Satisfied	373	19.6%	20.4%
	Not Applicable	2	0.1%	0.1%
	Total	1,829	96.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	15	0.8%	
	Total	72	3.8%	
Total	Long-Term Care in-State Questionnaire	1,901	100.0%	vous prim
		1,901	100.0%	your prim
	Long-Term Care in-State Questionnaire 31. How would you rate your satisfacti	1,901	100.0%	your prim Valid
	Long-Term Care in-State Questionnaire 31. How would you rate your satisfacti	1,901 on with your work s	100.0%	
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfacti facility?	1,901 on with your work s Frequency	100.0%	Valid
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied	1,901 on with your work s Frequency	100.0% schedule at y % 2.3%	Valid 2.4% 9.0%
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied	on with your work s Frequency 44 164	100.0% schedule at 9 2.3% 8.6%	Valid 2.4%
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	on with your work s Frequency 44 164 324	100.0% schedule at 1 % 2.3% 8.6% 17.0%	Valid 2.4% 9.0% 17.8%
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	1,901 on with your work s Frequency 44 164 324 850	100.0% schedule at y 2.3% 8.6% 17.0% 44.7%	Valid 2.4% 9.0% 17.8% 46.6%
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	1,901 on with your work s Frequency 44 164 324 850 436	100.0% schedule at y 2.3% 8.6% 17.0% 44.7% 22.9%	Valid 2.49 9.09 17.89 46.69 23.99
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	1,901 on with your work s Frequency 44 164 324 850 436 5	100.0% schedule at 1 % 2.3% 8.6% 17.0% 44.7% 22.9% 0.3%	Valid 2.49 9.09 17.89 46.69 23.99 0.39
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	1,901 on with your work s Frequency 44 164 324 850 436 5 1,823	100.0% schedule at y 2.3% 8.6% 17.0% 44.7% 22.9% 0.3% 95.9%	Valid 2.49 9.09 17.89 46.69 23.99 0.39
ospital and	Long-Term Care in-State Questionnaire 31. How would you rate your satisfactifacility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	1,901 on with your work s Frequency 44 164 324 850 436 5 1,823	100.0% schedule at 1 % 2.3% 8.6% 17.0% 44.7% 22.9% 0.3% 95.9%	Valid 2.49 9.09 17.89 46.69 23.99 0.39

	32. How would you rate your satisfact assigned at your primary place of em		nt of overtin	ne
		Frequency	%	Valid %
Valid	Very Dissatisfied	43	2.3%	2.3%
	Dissatisfied	178	9.4%	9.7%
	Neither Satisfied Nor Dissatisfied	484	25.5%	26.4%
	Satisfied	529	27.8%	28.9%
	Very Satisfied	168	8.8%	9.2%
	Not Applicable	426	22.4%	23.3%
	Don't Know	2	0.1%	0.1%
	Total	1,830	96.2%	100.0%
Missing	Skip	57	3.0%	
	No Answer	14	0.7%	
	Total	71	3.7%	
Total	Long-Term Care in-State Questionnaire		100.0%	
	33. How would you rate your satisfact			rimary
	-			rimary Valid %
	33. How would you rate your satisfact	tion with job securi	ty at your p	-
ospital and	33. How would you rate your satisfact facility?	tion with job securi Frequency	ty at your p	Valid %
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied	tion with job securi Frequency 64	ty at your p	Valid %
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied	Frequency 64 145	% 3.4% 7.6%	Valid % 3.5% 7.9%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 64 145 335	% 3.4% 7.6% 17.6%	Valid % 3.5% 7.9% 18.3%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 64 145 335 786	% 3.4% 7.6% 17.6% 41.3%	Valid % 3.5% 7.9% 18.3% 42.9%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 64 145 335 786 495	3.4% 7.6% 17.6% 41.3% 26.0%	Valid % 3.5% 7.9% 18.3% 42.9% 27.0%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 64 145 335 786 495 9	3.4% 7.6% 17.6% 41.3% 26.0% 0.5%	Valid % 3.5% 7.9% 18.3% 42.9% 27.0% 0.5%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 64 145 335 786 495 9 1,834	3.4% 7.6% 17.6% 41.3% 26.0% 0.5% 96.4%	Valid % 3.5% 7.9% 18.3% 42.9% 27.0% 0.5%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 64 145 335 786 495 9 1,834	3.4% 7.6% 17.6% 41.3% 26.0% 0.5% 96.4%	Valid % 3.5% 7.9% 18.3% 42.9% 27.0% 0.5%
ospital and	33. How would you rate your satisfact facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 64 145 335 786 495 9 1,834	3.4% 7.6% 17.6% 41.3% 26.0% 0.5% 96.4%	Valid % 3.5% 7.9% 18.3% 42.9% 27.0% 0.5%

	34. How would you rate the opportun facility?	ities for advanceme	nt at your p	rimary
		Frequency	%	Valid %
Valid	Very Dissatisfied	141	7.4%	7.7%
	Dissatisfied	319	16.8%	17.4%
	Neither Satisfied Nor Dissatisfied	544	28.6%	29.7%
	Satisfied	563	29.6%	30.7%
	Very Satisfied	216	11.4%	11.8%
	Not Applicable	49	2.6%	2.7%
	Total	1,832	96.3%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	12	0.6%	
	Total	69	3.6%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	tion with support fr		ses with
ospital and	Long-Term Care in-State Questionnaire 35. How would you rate your satisfact whom you work at your primary facil			es with
ospital and	35. How would you rate your satisfact			es with Valid %
ospital and Valid	35. How would you rate your satisfact	ity?	om the nurs	
	35. How would you rate your satisfact whom you work at your primary facil	ty? Frequency	om the nurs %	Valid %
	35. How would you rate your satisfact whom you work at your primary facility	Frequency 68	om the nurs % 3.6%	Valid % 3.7%
	35. How would you rate your satisfact whom you work at your primary facility Very Dissatisfied Dissatisfied	Frequency 68 174	om the nurs % 3.6% 9.2%	Valid % 3.7% 9.5%
	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 68 174 291	om the nurs % 3.6% 9.2% 15.3%	Valid % 3.7% 9.5% 15.9%
	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 68 174 291 788	3.6% 9.2% 15.3% 41.4%	Valid % 3.7% 9.5% 15.9% 43.0%
	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 68 174 291 788 494	3.6% 9.2% 15.3% 41.4% 26.0%	Valid % 3.7% 9.5% 15.9% 43.0% 27.0%
	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 68 174 291 788 494 17	3.6% 9.2% 15.3% 41.4% 26.0% 0.9%	Valid % 3.7% 9.5% 15.9% 43.0% 27.0% 0.9%
Valid	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 68 174 291 788 494 17 1,832	3.6% 9.2% 15.3% 41.4% 26.0% 0.9% 96.3%	Valid % 3.7% 9.5% 15.9% 43.0% 27.0% 0.9%
Valid	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 68 174 291 788 494 17 1,832	3.6% 9.2% 15.3% 41.4% 26.0% 0.9% 96.3%	Valid % 3.7% 9.5% 15.9% 43.0% 27.0% 0.9%
Valid	35. How would you rate your satisfact whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 68 174 291 788 494 17 1,832	3.6% 9.2% 15.3% 41.4% 26.0% 0.9% 96.3%	Valid % 3.7% 9.5% 15.9% 43.0% 27.0% 0.9%

	36. How would you rate your satisfact administration at your primary facili		om your nui	rsing
		Frequency	%	Valid %
Valid	Very Dissatisfied	259	13.6%	14.2%
	Dissatisfied	412	21.7%	22.6%
	Neither Satisfied Nor Dissatisfied	404	21.3%	22.1%
	Satisfied	482	25.4%	26.4%
	Very Satisfied	236	12.4%	12.9%
	Not Applicable	34	1.8%	1.9%
	Total	1,827	96.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	17	0.9%	
	Total	74	3.9%	
Total				
	Long-Term Care in-State Questionnaire	1,901	100.0%	sicians at
	Long-Term Care in-State Questionnaire 37. How would you rate your satisfact your primary facility?			sicians at
	37. How would you rate your satisfact			
	37. How would you rate your satisfact	tion with interaction	ns with phys	Valid %
ospital and	37. How would you rate your satisfact your primary facility?	tion with interaction	ns with phys	Valid %
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied	tion with interaction Frequency 47	ns with phys % 2.5%	Valid % 2.6% 9.7%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied	Frequency 47 178	ns with phys % 2.5% 9.4%	Valid % 2.6% 9.7% 24.1%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 47 178 440	% 2.5% 9.4% 23.1%	Valid % 2.6% 9.7% 24.1% 48.1%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 47 178 440 879	ns with phys % 2.5% 9.4% 23.1% 46.2%	valid % 2.6% 9.7% 24.1% 48.1% 14.4% 1.2%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 47 178 440 879 263	9.4% 2.5% 9.4% 23.1% 46.2% 13.8%	Valid % 2.6% 9.7% 24.1% 48.1% 14.4%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 47 178 440 879 263 22	% 2.5% 9.4% 23.1% 46.2% 13.8% 1.2%	Valid % 2.6% 9.7% 24.1% 48.1% 14.4% 1.2%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 47 178 440 879 263 22 1,829	9.4% 2.5% 9.4% 23.1% 46.2% 13.8% 1.2% 96.2%	Valid % 2.6% 9.7% 24.1% 48.1% 14.4% 1.2%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 47 178 440 879 263 22 1,829	2.5% 9.4% 23.1% 46.2% 13.8% 1.2% 96.2%	Valid % 2.6% 9.7% 24.1% 48.1% 14.4% 1.2%
ospital and	37. How would you rate your satisfact your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 47 178 440 879 263 22 1,829	2.5% 9.4% 23.1% 46.2% 13.8% 1.2% 96.2%	Valid % 2.6% 9.7% 24.1% 48.1% 14.4% 1.2%

	38. How would you rate your satisfact nursing staff at your primary facility?		ns with othe	er non-
		Frequency	%	Valid %
Valid	Very Dissatisfied	17	0.9%	0.9%
	Dissatisfied	96	5.0%	5.2%
	Neither Satisfied Nor Dissatisfied	404	21.3%	22.1%
	Satisfied	1,064	56.0%	58.1%
	Very Satisfied	241	12.7%	13.2%
	Not Applicable	8	0.4%	0.4%
	Total	1,830	96.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	14	0.7%	
	Total	71	3.7%	
Total ospital and	Long-Term Care in-State Questionnaire 39. How would you rate your satisfact	1,901	100.0%	eling
	•	ion with interactio		eling
	39. How would you rate your satisfact	ion with interactio		eling Valid %
	39. How would you rate your satisfact	ion with interactio	ns with trav	J
ospital and	39. How would you rate your satisfact agency staff at your primary facility?	ion with interactio	ns with trav %	Valid %
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied	ion with interactio Frequency 25	ns with trav	Valid % 1.4% 4.0%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied	ion with interactio Frequency 25 72	ns with trav % 1.3% 3.8%	Valid %
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	ion with interactio Frequency 25 72 403	ns with trav % 1.3% 3.8% 21.2%	Valid % 1.4% 4.0% 22.2%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 25 72 403 610	ns with trav % 1.3% 3.8% 21.2% 32.1%	Valid % 1.4% 4.0% 22.2% 33.6%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 25 72 403 610 116	ns with trav % 1.3% 3.8% 21.2% 32.1% 6.1%	Valid % 1.4% 4.0% 22.2% 33.6% 6.4%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 25 72 403 610 116 591	ns with trav % 1.3% 3.8% 21.2% 32.1% 6.1% 31.1%	Valid % 1.4% 4.0% 22.2% 33.6% 6.4% 32.5%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	ion with interactio Frequency 25 72 403 610 116 591 1,817	ns with trav % 1.3% 3.8% 21.2% 32.1% 6.1% 31.1% 95.5%	Valid % 1.4% 4.0% 22.2% 33.6% 6.4% 32.5%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	ion with interaction Frequency 25 72 403 610 116 591 1,817	ns with trav % 1.3% 3.8% 21.2% 32.1% 6.1% 31.1% 95.5%	Valid % 1.4% 4.0% 22.2% 33.6% 6.4% 32.5%
ospital and	39. How would you rate your satisfact agency staff at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 25 72 403 610 116 591 1,817	1.3% 3.8% 21.2% 32.1% 6.1% 31.1% 95.5% 2.9% 0.1%	Valid % 1.4% 4.0% 22.2% 33.6% 6.4% 32.5%

	40. How would you rate your satisfact primary facility?	tion with patient in	teractions a	t your
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	0.4%	0.4%
	Dissatisfied	21	1.1%	1.1%
	Neither Satisfied Nor Dissatisfied	129	6.8%	7.1%
	Satisfied	856	45.0%	46.8%
	Very Satisfied	770	40.5%	42.1%
	Not Applicable	45	2.4%	2.5%
	Total	1,828	96.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	16	0.8%	
	Total	73	3.8%	
			3.070	
Total	Long-Term Care in-State Questionnaire	1,901	99.9%	nationt
	Long-Term Care in-State Questionnaire 41. How would you rate your satisfact education at your primary facility?		99.9%	patient
	41. How would you rate your satisfact		99.9%	patient Valid %
	41. How would you rate your satisfact	ion with the time a	99.9% vailable for	
ospital and	41. How would you rate your satisfact education at your primary facility?	ion with the time a	99.9% vailable for %	Valid %
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied	ion with the time a Frequency 95	99.9% vailable for % 5.0%	Valid % 5.2%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied	Frequency 95 393	99.9% vailable for % 5.0% 20.7%	Valid % 5.2% 21.5% 24.8%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 95 393 454	99.9% vailable for % 5.0% 20.7% 23.9%	Valid % 5.2% 21.5%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 95 393 454 629	99.9% vailable for % 5.0% 20.7% 23.9% 33.1%	Valid % 5.2% 21.5% 24.8% 34.4% 9.5%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 95 393 454 629 173	99.9% vailable for % 5.0% 20.7% 23.9% 33.1% 9.1%	Valid % 5.2% 21.5% 24.8% 34.4%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 95 393 454 629 173 83	99.9% vailable for % 5.0% 20.7% 23.9% 33.1% 9.1% 4.4%	Valid % 5.2% 21.5% 24.8% 34.4% 9.5% 4.5%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 95 393 454 629 173 83 1,827	99.9% vailable for % 5.0% 20.7% 23.9% 33.1% 9.1% 4.4% 96.1%	Valid % 5.2% 21.5% 24.8% 34.4% 9.5% 4.5%
ospital and	41. How would you rate your satisfact education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 95 393 454 629 173 83 1,827	99.9% vailable for \$ 5.0% 20.7% 23.9% 33.1% 9.1% 4.4% 96.1%	Valid % 5.2% 21.5% 24.8% 34.4% 9.5% 4.5%

	42. How would you rate your satisfact management decisions at your prima	3	ivement in p	, ,
	g	Frequency	%	Valid %
Valid	Very Dissatisfied	186	9.8%	10.2%
	Dissatisfied	400	21.0%	21.9%
	Neither Satisfied Nor Dissatisfied	564	29.7%	30.8%
	Satisfied	475	25.0%	26.0%
	Very Satisfied	154	8.1%	8.4%
	Not Applicable	50	2.6%	2.7%
	Total	1,829	96.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	15	0.8%	
	Total	72	3.8%	
Total		1 001		
	Long-Term Care in-State Questionnaire 43. How would you rate your satisfac	1,901	100.0%	ıse your
	Long-Term Care in-State Questionnaire 43. How would you rate your satisfactskills at your primary facility?			ıse your
	43. How would you rate your satisfact			,
	43. How would you rate your satisfact	tion with the oppor	tunities to ι	ise your Valid % 2.7%
ospital and	43. How would you rate your satisfactskills at your primary facility?	tion with the oppor Frequency	tunities to ι %	Valid %
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied	tion with the oppor Frequency 49	tunities to u % 2.6%	Valid %
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied	Frequency 49 137	2.6% 7.2%	Valid % 2.7% 7.5%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 49 137 287	2.6% 7.2% 15.1%	Valid % 2.7% 7.5% 15.7%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 49 137 287 942	2.6% 7.2% 15.1% 49.5%	Valid % 2.7% 7.5% 15.7% 51.5%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 49 137 287 942 411	2.6% 7.2% 15.1% 49.5% 21.6%	Valid % 2.7% 7.5% 15.7% 51.5% 22.5%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 49 137 287 942 411 4	2.6% 7.2% 15.1% 49.5% 21.6% 0.2%	Valid % 2.7% 7.5% 15.7% 51.5% 22.5% 0.2%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 49 137 287 942 411 4 1,830	2.6% 7.2% 15.1% 49.5% 21.6% 0.2% 96.2%	Valid % 2.7% 7.5% 15.7% 51.5% 22.5% 0.2%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 49 137 287 942 411 4 1,830	2.6% 7.2% 15.1% 49.5% 21.6% 0.2% 96.2%	Valid % 2.7% 7.5% 15.7% 51.5% 22.5% 0.2%
ospital and	43. How would you rate your satisfactskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 49 137 287 942 411 4 1,830	2.6% 7.2% 15.1% 49.5% 21.6% 0.2% 96.2%	Valid % 2.7% 7.5% 15.7% 51.5% 22.5% 0.2%

	44. How would you rate your satisfact skills at your primary facility?	tion with the opport	tunities to le	earn new
		Frequency	%	Valid %
Valid	Very Dissatisfied	95	5.0%	5.2%
	Dissatisfied	264	13.9%	14.4%
	Neither Satisfied Nor Dissatisfied	380	20.0%	20.8%
	Satisfied	742	39.0%	40.6%
	Very Satisfied	340	17.9%	18.6%
	Not Applicable	7	0.4%	0.4%
	Total	1,828	96.1%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	16	0.8%	
	Total	73	3.8%	
Total		1,901	99.9% ^a	
ospital and	I Long-Term Care in-State Questionnaire 45. How would you rate your satisfact	ion with the consent	tunities for	
		tion with the opport	unities for	
	continuing education at your primary	facility?	%	Valid %
Valid				Valid % 6.0%
Valid	Continuing education at your primary Very Dissatisfied Dissatisfied	facility? Frequency	%	
Valid	Very Dissatisfied	facility? Frequency	% 5.8%	6.0%
Valid	Very Dissatisfied Dissatisfied	Frequency 110 319	% 5.8% 16.8%	6.0% 17.4% 21.0%
Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 110 319 385	% 5.8% 16.8% 20.3%	6.0% 17.4% 21.0% 35.8%
Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 110 319 385 656	% 5.8% 16.8% 20.3% 34.5%	6.0%
Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 110 319 385 656 352	5.8% 16.8% 20.3% 34.5% 18.5%	6.0% 17.4% 21.0% 35.8% 19.2%
Valid Missing	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 110 319 385 656 352 9	5.8% 16.8% 20.3% 34.5% 18.5% 0.5%	6.0% 17.4% 21.0% 35.8% 19.2% 0.5%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	facility? Frequency 110 319 385 656 352 9 1,831	5.8% 16.8% 20.3% 34.5% 18.5% 0.5% 96.3%	6.0% 17.4% 21.0% 35.8% 19.2% 0.5%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	facility? Frequency 110 319 385 656 352 9 1,831	5.8% 16.8% 20.3% 34.5% 18.5% 0.5% 96.3%	6.0% 17.4% 21.0% 35.8% 19.2% 0.5%

	your primary facility?	tion with the qualit		
		Frequency	%	Valid %
Valid	Very Dissatisfied	48	2.5%	2.6%
	Dissatisfied	154	8.1%	8.4%
	Neither Satisfied Nor Dissatisfied	290	15.3%	15.9%
	Satisfied	879	46.2%	48.1%
	Very Satisfied	446	23.5%	24.4%
	Not Applicable	12	0.6%	0.7%
	Total	1,829	96.2%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	15	0.8%	
	Total	72	3.8%	
Total				
	ong-Term Care in-State Questionnaire	1,901	100.0%	work is
	ong-Term Care in-State Questionnaire 47. How would you rate your satisfact important at your primary facility?			vork is
	47. How would you rate your satisfact			vork is Valid %
	47. How would you rate your satisfact	tion with the feeling	g that your v	
pital and L	47. How would you rate your satisfact important at your primary facility?	tion with the feeling	g that your v	Valid %
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied	tion with the feeling Frequency 60	g that your w	Valid % 3.3%
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied	Frequency 60 112	3.2% 5.9%	Valid % 3.3% 6.1%
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 60 112 224	3.2% 5.9% 11.8%	Valid 9 3.3% 6.1% 12.3%
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 60 112 224 777	3.2% 5.9% 11.8% 40.9%	Valid 9 3.39 6.19 12.39 42.59
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 60 112 224 777 653	3.2% 5.9% 11.8% 40.9% 34.4%	Valid 9 3.39 6.19 12.39 42.59 35.79
pital and L	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 60 112 224 777 653	3.2% 5.9% 11.8% 40.9% 34.4% 0.1%	Valid 9 3.39 6.19 12.39 42.59 35.79 0.19
pital and L Valid	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 60 112 224 777 653 2 1,828	3.2% 5.9% 11.8% 40.9% 34.4% 0.1% 96.1%	Valid 9/ 3.39/ 6.19/ 12.39/ 42.59/ 35.79/ 0.19/
pital and L Valid	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 60 112 224 777 653 2 1,828	3.2% 5.9% 11.8% 40.9% 34.4% 0.1% 96.1%	Valid 9/ 3.39/ 6.19/ 12.39/ 42.59/ 35.79/ 0.19/
pital and L Valid	47. How would you rate your satisfact important at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing Skip	Frequency 60 112 224 777 653 2 1,828	3.2% 5.9% 11.8% 40.9% 34.4% 0.1% 96.1%	Valid 9/ 3.39/ 6.19/ 12.39/ 42.59/ 35.79/ 0.19/

	48. How would you rate your satisfact facility?	tion with other issu						
		Frequency	%	Valid %				
Valid	Very Dissatisfied	62	3.3%	37.1%				
	Dissatisfied	23	1.2%	13.8%				
	Neither Satisfied Nor Dissatisfied	7	0.4%	4.2%				
	Satisfied	8	0.4%	4.8%				
	Very Satisfied	16	0.8%	9.6%				
	Not Applicable	51	2.7%	30.5%				
	Total	167	8.8%	100.0%				
Missing	Skip, Not Employed in Nursing	55	2.9%					
	Skip	4	0.2%					
	No Answer	1,675	88.1%					
	Total	1,734	91.2%					
Total		4 004	400.00/					
	Long-Term Care in-State Questionnaire		100.0%	v				
	49. How would you rate the statemer	·		у				
	•	·		-				
	49. How would you rate the statemer	e nt "Generally speaki	ng, I am ver	y Valid % 2.1%				
ospital and	49. How would you rate the statemer satisfied with nursing"?	e nt "Generally speaki Frequency	ng, I am ver %	Valid %				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree	Frequency	ng, I am ver % 1.9%	Valid %				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree	Frequency 37 220	ng, I am ver % 1.9% 11.6%	Valid % 2.1% 12.3%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree	Frequency 37 220 292	ng, I am ver % 1.9% 11.6% 15.4%	Valid % 2.1% 12.3% 16.4%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree	Frequency 37 220 292 825	ng, I am ver % 1.9% 11.6% 15.4% 43.4%	Valid % 2.1% 12.3% 16.4% 46.3%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree	Frequency 37 220 292 825 408	ng, I am ver % 1.9% 11.6% 15.4% 43.4% 21.5%	Valid % 2.1% 12.3% 16.4% 46.3% 22.9%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know	Frequency 37 220 292 825 408	ng, I am ver % 1.9% 11.6% 15.4% 43.4% 21.5% 0.1%	Valid % 2.1% 12.3% 16.4% 46.3% 22.9% 0.1%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total	Frequency 37 220 292 825 408 1 1,783	ng, I am ver % 1.9% 11.6% 15.4% 43.4% 21.5% 0.1% 93.8%	Valid % 2.1% 12.3% 16.4% 46.3% 22.9% 0.1%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing	Frequency 37 220 292 825 408 1 1,783	ng, I am ver % 1.9% 11.6% 15.4% 43.4% 21.5% 0.1% 93.8%	Valid % 2.1% 12.3% 16.4% 46.3% 22.9% 0.1%				
ospital and	49. How would you rate the statemer satisfied with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing Skip	Frequency 37 220 292 825 408 1 1,783	1.9% 11.6% 15.4% 43.4% 21.5% 0.1% 93.8%	Valid % 2.1% 12.3% 16.4% 46.3% 22.9% 0.1%				

	50. How would you rate the statement nursing"?	nt "I frequently thin	k of quitting	I
		Frequency	%	Valid %
Valid	Strongly Disagree	499	26.2%	28.0%
	Disagree	518	27.2%	29.1%
	Neither Agree Nor Disagree	320	16.8%	18.0%
	Agree	286	15.0%	16.1%
	Strongly Agree	146	7.7%	8.2%
	Don't Know	11	0.6%	0.6%
	Total	1,780	93.6%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	64	3.4%	
	Total	121	6.4%	
Total		1 001	00.00/3	
	equal 100.0% due to rounding. Long-Term Care in-State Questionnaire 51 How would you rate the statement		99.9% ^a	the kind
		•		the kind
	Long-Term Care in-State Questionnaire 51. How would you rate the statement	•		the kind Valid %
	Long-Term Care in-State Questionnaire 51. How would you rate the statement	e nt "I am generally sa	tisfied with	Valid %
lospital and	Long-Term Care in-State Questionnaire 51. How would you rate the statement of work I do in nursing"?	e nt "I am generally sa Frequency	tisfied with %	
lospital and	Long-Term Care in-State Questionnaire 51. How would you rate the statement of work I do in nursing"? Strongly Disagree	Frequency	tisfied with % 1.5%	Valid % 1.6% 5.5%
lospital and	51. How would you rate the statement of work I do in nursing"? Strongly Disagree Disagree	Frequency 29 98	tisfied with % 1.5% 5.2%	Valid % 1.6% 5.5% 14.6%
lospital and	Long-Term Care in-State Questionnaire 51. How would you rate the statement of work I do in nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree	Frequency 29 98 258	1.5% 5.2% 13.6%	Valid % 1.6% 5.5% 14.6% 53.6%
lospital and	Strongly Disagree Disagree Neither Agree Nor Disagree Agree	Frequency 29 98 258	1.5% 5.2% 13.6% 50.0%	Valid %
lospital and	Strongly Disagree Neither Agree Nor Disagree Strongly Agree Strongly Agree	Frequency 29 98 258 951 436	1.5% 5.2% 13.6% 50.0% 22.9%	Valid % 1.6% 5.5% 14.6% 53.6% 24.6%
lospital and	Strongly Disagree Neither Agree Nor Disagree Strongly Agree Don't Know	Prequency 29 98 258 951 436	1.5% 5.2% 13.6% 50.0% 22.9% 0.1%	Valid % 1.6% 5.5% 14.6% 53.6% 24.6% 0.1%
Valid	Strongly Disagree Neither Agree Nor Disagree Strongly Agree Don't Know Total	Frequency 29 98 258 951 436 1 1,773	1.5% 5.2% 13.6% 50.0% 22.9% 0.1% 93.2%	Valid % 1.6% 5.5% 14.6% 53.6% 24.6% 0.1%
Valid	Strongly Disagree Neither Agree Nord Strongly Agree Don't Know Total Skip, Not Employed in Nursing	Prequency 29 98 258 951 436 1 1,773	1.5% 5.2% 13.6% 50.0% 22.9% 0.1% 93.2%	Valid % 1.6% 5.5% 14.6% 53.6% 24.6% 0.1%
Valid	Strongly Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing Skip	Frequency 29 98 258 951 436 1 1,773	1.5% 5.2% 13.6% 50.0% 22.9% 0.1% 93.2%	Valid 9 1.69 5.59 14.69 53.69 24.69 0.19

	52. How would you rate the statemen with nursing"?	nt "Most people on tl	nis job are s	atisfied
		Frequency	%	Valid %
Valid	Strongly Disagree	90	4.7%	5.0%
	Disagree	404	21.3%	22.7%
	Neither Agree Nor Disagree	539	28.3%	30.2%
	Agree	590	31.0%	33.1%
	Strongly Agree	92	4.8%	5.2%
	Don't Know	68	3.6%	3.8%
	Total	1,783	93.8%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	61	3.2%	
	Total	118	6.2%	
Total		1,901	99.9% ^a	
	t equal 100.0% due to rounding. Long-Term Care in-State Questionnaire		6	,
	Long-Term Care in-State Questionnaire 53. How would you rate the statemer		often think	c of
	Long-Term Care in-State Questionnaire		often think	c of Valid %
	Long-Term Care in-State Questionnaire 53. How would you rate the statemer	nt "People in this job		
ospital and	I Long-Term Care in-State Questionnaire 53. How would you rate the statemer quitting nursing"?	nt "People in this job Frequency	%	Valid %
ospital and	53. How would you rate the statemer quitting nursing"? Strongly Disagree	rt "People in this job Frequency 159	% 8.4%	Valid %
ospital and	53. How would you rate the statement quitting nursing"? Strongly Disagree Disagree	Frequency 159 442	% 8.4% 23.3%	Valid % 8.9% 24.8%
ospital and	53. How would you rate the statemer quitting nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree	Frequency 159 442 487	% 8.4% 23.3% 25.6%	Valid % 8.9% 24.8% 27.3%
ospital and	53. How would you rate the statemer quitting nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree	Frequency 159 442 487 402	% 8.4% 23.3% 25.6% 21.1%	Valid % 8.9% 24.8% 27.3% 22.5%
ospital and	53. How would you rate the statement quitting nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree	Frequency 159 442 487 402 156	8.4% 23.3% 25.6% 21.1% 8.2%	Valid % 8.9% 24.8% 27.3% 22.5% 8.7%
ospital and	53. How would you rate the statemer quitting nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know	Frequency 159 442 487 402 156 137	8.4% 23.3% 25.6% 21.1% 8.2% 7.2%	Valid % 8.9% 24.8% 27.3% 22.5% 8.7%
ospital and	Strongly Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total	Frequency 159 442 487 402 156 137	8.4% 23.3% 25.6% 21.1% 8.2% 7.2% 93.8%	Valid % 8.9% 24.8% 27.3% 22.5% 8.7%
ospital and	53. How would you rate the statemer quitting nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing	Frequency 159 442 487 402 156 137 1,783	8.4% 23.3% 25.6% 21.1% 8.2% 7.2% 93.8%	Valid % 8.9% 24.8% 27.3% 22.5% 8.7%
ospital and	Strongly Disagree Neither Agree Nor Disagree Agree Strongly Agree Don't Know Total Skip, Not Employed in Nursing Skip	Frequency 159 442 487 402 156 137 1,783	8.4% 23.3% 25.6% 21.1% 8.2% 7.2% 93.8%	Valid % 8.9% 24.8% 27.3% 22.5% 8.7% 7.7%

	54. I would not leave nursing.			
		Frequency	%	Valid %
Valid	Checked	523	27.5%	29.3%
	Not Checked	1,264	66.5%	70.7%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	;		
	54. I would leave nursing because I for	eel burned out from	nursing.	
		Frequency	%	Valid %
Valid	Checked	561	29.5%	31.4%
	Not Checked	1,226	64.5%	68.6%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	54. I would leave nursing because I for	eel unsupported as a Frequency	a nurse. %	Valid %
Valid	Checked	525	27.6%	29.4%
· and	Not Checked	1,262	66.4%	70.6%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
Ü	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	

ospital and	Long-Term Care in-State Questionnaire	9		
	54. I would leave nursing because I a	m concerned with t	he quality of	care.
		Frequency	%	Valid %
Valid	Checked	434	22.8%	24.3%
	Not Checked	1,353	71.2%	75.7%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	2		
	54. I would leave nursing for a bette	salary outside nurs	ing.	
		Frequency	%	Valid %
Valid	Checked	307	16.1%	17.2%
	Not Checked	1,480	77.8%	82.8%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	;		
	54. I would leave nursing for better i	management support Frequency	t. %	Valid %
Valid	Checked	325	17.1%	18.2%
vand	Not Checked	1,462	76.9%	81.8%
		,		100.0%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	

	54. I would leave nursing for better a	advancement opport	unities.	
		Frequency	%	Valid %
Valid	Checked	109	5.7%	6.1%
	Not Checked	1,678	88.3%	93.9%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	•		
	54. I would leave nursing because I a unlicensed assistive personnel.	ım concerned with d	elegation to	
		Frequency	%	Valid %
Valid	Checked	169	8.9%	9.5%
	Not Checked	1,618	85.1%	90.5%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire	•		
	54. I would leave nursing because I f		0/	Valid 0
Valid	Checked	Frequency 523	27.5%	Valid % 29.3%
vanu	Not Checked	1,264	66.5%	70.7%
	Total	1,787	94.0%	,
	Total	1,767	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	

Valid Checked 147 7.7% 8 Not Checked 1,640 86.3% 91.		54. I would leave nursing because I a	ım concerned with i	njury to pati	ents.
Not Checked			Frequency	%	Valid %
No Answer Skip Not Employed in Nursing Skip 2 0.1% No Answer 57 3.0% Total 114 6.0% Not Employed in Nursing State Cuestionnaire Skip Skip Skip Skip State State Cuestionnaire Skip Skip State Stat	Valid	Checked	147	7.7%	8.2%
Missing Skip, Not Employed in Nursing S5 2.9% Skip 2 0.1% No Answer 57 3.0% Total 114 6.0% 1,901 100.0%		Not Checked	1,640	86.3%	91.8%
Skip 2 0.1% No Answer 57 3.0% Total 114 6.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901		Total	1,787	94.0%	100.0%
No Answer 57 3.0% Total 114 6.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 100.0% 1,901 1,901 1,901 1,901 1,901 1,901 1,901 1,901 1,901 1,787 1,901 1,787 1,901 1	Missing	Skip, Not Employed in Nursing	55	2.9%	
Total		Skip	2	0.1%	
Total		No Answer	57	3.0%	
Sepital and Long-Term Care in-State Questionnaire S4. I would leave nursing because I need more autonomy. Frequency		Total	114	6.0%	
Valid Checked 106 5.6%	Total		1,901	100.0%	
Valid Frequency % Valid Checked 106 5.6% 5.5 Not Checked 1,681 88.4% 94. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% 0.0% No Answer 57 3.0% 0.0% Total 114 6.0% 0.0% Total 1,901 100.0% Spital and Long-Term Care in-State Questionnaire Frequency % Valid Valid Checked 369 19.4% 20. Not Checked 1,418 74.6% 79. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% 10.0%	ospital and	Long-Term Care in-State Questionnaire	;		
Valid Checked 106 5.6% 5. Not Checked 1,681 88.4% 94. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% 2 No Answer 57 3.0% 57 Total 114 6.0% 1 Total 1,901 100.0% Total Checked Sepital and Long-Term Care in-State Questionnaire Frequency Valid Checked 369 19.4% 20. Not Checked 369 19.4% 20. Not Checked 1,418 74.6% 79. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% 2		54. I would leave nursing because I r	need more autonomy	' .	
Not Checked 1,681 88.4% 94. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% No Answer 57 3.0% Total 114 6.0% Total 1,901 100.0% Total 54. Valid Checked 369 19.4% 20. Not Checked 1,418 74.6% 79. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%			Frequency	%	Valid %
Total	Valid	Checked	106	5.6%	5.9%
Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1% No Answer 57 3.0% Total 114 6.0%		Not Checked	1,681	88.4%	94.1%
Skip 2 0.1% No Answer 57 3.0% Total 114 6.0% 1,901 100.0%		Total	1,787	94.0%	100.0%
No Answer 57 3.0% Total 114 6.0% 1,901 100.0%	Missing	Skip, Not Employed in Nursing	55	2.9%	
Total		Skip	2	0.1%	
Total		No Answer	57	3.0%	
Sepital and Long-Term Care in-State Questionnaire		Total	114	6.0%	
54. I would leave nursing because I need more respect. Frequency % Valid Valid Checked 369 19.4% 20. Not Checked 1,418 74.6% 79. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%	Total		1,901	100.0%	
Valid Frequency % Valid Checked 369 19.4% 20.0 Not Checked 1,418 74.6% 79.0 Total 1,787 94.0% 100.0 Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%	ospital and	Long-Term Care in-State Questionnaire)		
Valid Checked 369 19.4% 20.0 Not Checked 1,418 74.6% 79.0 Total 1,787 94.0% 100.0 Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%		54. I would leave nursing because I r	-	0/	Valid %
Not Checked 1,418 74.6% 79. Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%	Valid	Checked			20.6%
Total 1,787 94.0% 100. Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%	vanu				79.4%
Missing Skip, Not Employed in Nursing 55 2.9% Skip 2 0.1%					
Skip 2 0.1%		Total	1,767	94.0%	100.0%
•	Missing	Skip, Not Employed in Nursing	55	2.9%	
		Skip	2	0.1%	
No Answer 57 3.0%		No Answer	57	3.0%	
Total 114 6.0%					

	54. I would leave nursing because I p	olan to retire.		
		Frequency	%	Valid %
Valid	Checked	381	20.0%	21.3%
	Not Checked	1,406	74.0%	78.7%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
lospital and	Long-Term Care in-State Questionnaire			
	54. I would leave nursing for a better	r work schedule outs Frequency	ide nursing. %	Valid %
Valid	Checked	337	17.7%	18.9%
	Not Checked	1,450	76.3%	81.1%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
lospital and	Long-Term Care in-State Questionnair			
	54. I would leave nursing because I a	am concerned with in Frequency	njury to self %	Valid %
Valid	Checked	194	10.2%	10.9%
vanu	Not Checked	1,593	83.8%	89.1%
	Total	1,787	94.0%	100.09
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	

	54. I would leave nursing because I s	seek more challengir	ng work.	
		Frequency	%	Valid %
Valid	Checked	61	3.2%	3.4%
	Not Checked	1,726	90.8%	96.6%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
spital and	Long-Term Care in-State Questionnair	e		
	54. I would leave nursing for some of	ther reason.		
		Frequency	%	Valid %
Valid	Checked	163	8.6%	9.1%
	Not Checked	1,624	85.4%	90.9%
	Total	1,787	94.0%	100.0%
Missing	Skip, Not Employed in Nursing	55	2.9%	
	Skip	2	0.1%	
	No Answer	57	3.0%	
	Total	114	6.0%	
Total		1,901	100.0%	
spital and	Long-Term Care in-State Questionnair	e		
	58. What is your marital status?	Frequency	%	Valid %
Valid	Married or Cohabitating	1,508	79.3%	79.8%
	Single	129	6.8%	6.8%
	Divorced	200	10.5%	10.6%
	Widowed	52	2.7%	2.8%
	Total	1,889	99.3%	100.0%
Missing	No Answer	12	0.6%	
C	Total	12	0.6%	
Total		1,901	100.0%	

	59. What is the highest level of educat completed?	tion your spouse or	partner has	5
	·	Frequency	%	Valid %
Valid	Less Than High School	33	1.7%	2.2%
	High School Grad or GED	283	14.9%	18.7%
	Some College or Associates Degree	604	31.8%	39.9%
	Bachelors Degree	345	18.1%	22.8%
	Graduate or Professional Degree	210	11.0%	13.9%
	Other	37	1.9%	2.4%
	Total	1,512	79.5%	100.0%
Missing	Skip	371	19.5%	
	No Answer	18	0.9%	
	Total	389	20.4%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	60. Was your spouse or partner employ	yed during the refe	rence perio	d?
		Frequency	%	Valid %
Valid	Yes	1,295	68.1%	85.7%
	No	216	11.4%	14.3%
	Total	1,511	79.5%	100.0%
Missing	Skip	372	19.6%	
	No Answer	18	0.9%	
	Total	390	20.5%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	63. Do you have dependents living in	your house?		
		Frequency	%	Valid %
Valid	No	917	48.2%	48.7%
	Yes	967	50.9%	51.3%
	Total	1,884	99.1%	100.0%
Missing	No Answer	17	0.9%	
	Total	17	0.9%	

	64. Do you provide care for your	parents or your spouse/	'partner's pa	rents?
		Frequency	%	Valid %
Valid	Yes	226	11.9%	12.0%
	No	1,661	87.4%	88.0%
	Total	1,887	99.3%	100.0%
Missing	No Answer	14	0.7%	
	Total	14	0.7%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionr		l in the neet	12
	66. What was the total pre-tax ir months?	icome in your nousenoic	i iii the past	12
		Frequency	%	Valid %
Valid	Less than \$20,000	13	0.7%	0.7%
	\$20,000 to \$29,000	25	1.3%	1.4%
	\$30,000 to \$39,999	105	5.5%	6.0%
	\$40,000 to \$49,999	164	8.6%	9.4%
	\$50,000 to \$59,999	181	9.5%	10.4%
	\$60,000 to \$69,999	195	10.3%	11.2%
	\$70,000 to \$79,999	206	10.8%	11.8%
	\$80,000 to \$99,999	326	17.1%	18.7%
	\$100,000 to \$124,999	291	15.3%	16.7%
	\$125,000 to \$149,999	125	6.6%	7.2%
	\$150,000 to \$199,999	69	3.6%	4.0%
	\$200,000 or more	44	2.3%	2.5%
	Total	1,744	91.7%	100.0%
	Total			
Missing	No Answer	157	8.3%	

	68. Of the following reasons, which o current community?	ne best describes w	hy you live i	in your
		Frequency	%	Valid %
Valid	Existing Job	360	18.9%	19.2%
	Proximity to School or Work	43	2.3%	2.3%
	Spouse or Partner Job	424	22.3%	22.6%
	Cost of Living/Affordable Housing	90	4.7%	4.8%
	Proximity to Cultural Amenities	4	0.2%	0.2%
	Proximity to Natural Amenities	171	9.0%	9.1%
	Proximity to Family	467	24.6%	24.9%
	Other	168	8.8%	8.9%
	Multiple Reasons Chosen	152	8.0%	8.1%
	Total	1,879	98.9%	100.0%
Missing	No Answer	22	1.1%	
	Total	22	1.1%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire 69. How much do you agree or disagre tied to this community and cannot le		ıg statement	:: "I am
		Frequency	%	Valid %
Valid	Strongly Agree	235	12.4%	12.4%
	Agree	453	23.8%	24.0%
	Neither Agree Nor Disagree	468	24.6%	24.8%
	Disagree	419	22.0%	22.2%
	Strongly Disagree	315	16.6%	16.7%
	Total	1,890	99.4%	100.0%
	No Answer	11	0.6%	
Missing				
Missing	Total	11	0.6%	

ospitai and	Long-Term Care in-State Questionnaire			
	71. How would you rate your current	_		
		Frequency	%	Valid %
Valid	Very Dissatisfied	154	8.1%	8.4%
	Dissatisfied	419	22.0%	22.8%
	Neither Satisfied Nor Dissatisfied	576	30.3%	31.4%
	Satisfied	534	28.1%	29.1%
	Very Satisfied	134	7.0%	7.3%
	Don't Know	20	1.1%	1.1%
	Total	1,837	96.6%	100.0%
Missing	No Answer	64	3.4%	
	Total	64	3.4%	
Total		1,901	100.0%	
nsnital and	Long-Term Care in-State Questionnaire			
ospitai ana	72. How would you rate your current	community for pro	ximity to far	mily?
		Frequency	%	Valid %
Valid	Very Dissatisfied	237	12.5%	13.0%
	Dissatisfied	250	13.2%	13.7%
	Neither Satisfied Nor Dissatisfied	299	15.7%	16.3%
	Satisfied	495	26.0%	27.0%
	Very Satisfied	544	28.6%	29.7%
	Don't Know	5	0.3%	0.3%
	Total	1,830	96.2%	100.0%
Missing	No Answer	71	3.7%	
o o	Total	71	3.7%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	73. How would you rate your current	community for cos	t of living?	
		Frequency	%	Valid %
Valid	Very Dissatisfied	228	12.0%	12.4%
	Dissatisfied	443	23.3%	24.1%
	Neither Satisfied Nor Dissatisfied	467	24.6%	25.4%
	Satisfied	587	30.9%	32.0%
	Very Satisfied	110	5.8%	6.0%
	Don't Know	1	0.1%	0.1%
	Total	1,836	96.5%	100.0%
Missing	No Answer	65	3.4%	
	Total	65	3.4%	

	74. How would you rate your current of	_		
		Frequency	%	Valid 9
Valid	Very Dissatisfied	25	1.3%	1.4%
	Dissatisfied	95	5.0%	5.2%
	Neither Satisfied Nor Dissatisfied	371	19.5%	20.3%
	Satisfied	903	47.5%	49.3%
	Very Satisfied	415	21.8%	22.7%
	Don't Know	23	1.2%	1.3%
	Total	1,832	96.3%	100.09
Missing	No Answer	69	3.6%	
	Total	69	3.6%	
Total		1,901	100.0%	
lospital and	Long-Term Care in-State Questionnaire			
	75. How would you rate your current	community for urba	an charactei	?
		Frequency	%	Valid 9
Valid	Very Dissatisfied	105	5.5%	5.9%
	Dissatisfied	287	15.1%	16.2%
	Neither Satisfied Nor Dissatisfied	661	34.8%	37.39
	Satisfied	492	25.9%	27.8%
	Very Satisfied	95	5.0%	5.4%
	Don't Know	130	6.8%	7.3%
	Total	1,770	93.1%	100.09
Missing	No Answer	131	6.9%	
	Total	131	6.9%	
Total		1,901	100.0%	
lospital and	Long-Term Care in-State Questionnaire			
	76. How would you rate your current	=	_	
		Frequency	%	Valid 9
Valid	Very Dissatisfied	238	12.5%	13.0%
	Dissatisfied	370	19.5%	20.2%
	Neither Satisfied Nor Dissatisfied	443	23.3%	24.2%
	Satisfied	612	32.2%	33.5%
	Very Satisfied	154	8.1%	8.4%
	Don't Know	12	0.6%	0.7%
	Total	1,829	96.2%	100.09
Missing	No Answer	72	3.8%	
	Total	72	3.8%	

ospital and	Long-Term Care in-State Questionnaire			
	77. How would you rate your current	community for pub	lic safety se	vices?
		Frequency	%	Valid %
Valid	Very Dissatisfied	37	1.9%	2.0%
	Dissatisfied	139	7.3%	7.6%
	Neither Satisfied Nor Dissatisfied	624	32.8%	34.1%
	Satisfied	862	45.3%	47.2%
	Very Satisfied	132	6.9%	7.2%
	Don't Know	34	1.8%	1.9%
	Total	1,828	96.1%	100.0%
Missing	No Answer	73	3.8%	
	Total	73	3.8%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	78. How would you rate your current recreation/natural amenities?	community in term	s of parks a	nd
		Frequency	%	Valid %
Valid	Very Dissatisfied	27	1.4%	1.5%
	Dissatisfied	110	5.8%	6.0%
	Neither Satisfied Nor Dissatisfied	297	15.6%	16.2%
	Satisfied	888	46.7%	48.3%
	Very Satisfied	510	26.8%	27.8%
	Don't Know	5	0.3%	0.3%
	Total	1,837	96.6%	100.0%
Missing	No Answer	64	3.4%	
	Total	64	3.4%	
Total		1,901	100.0%	
ospital and	Long-Term Care in-State Questionnaire			
	79. How would you rate your current	community in term Frequency	ns of educations %	on (K-12)? Valid %
Valid	Very Dissatisfied	46	2.4%	2.5%
· ana	Dissatisfied	106	5.6%	5.8%
	Neither Satisfied Nor Dissatisfied	378	19.9%	20.7%
	Satisfied	761	40.0%	41.7%
	Very Satisfied	274	14.4%	15.0%
	Don't Know	262	13.8%	14.3%
	Total	1,827	96.1%	100.0%
Missing	No Answer	74	3.9%	
	Total	74	3.9%	

	80. How would you rate your current secondary education, including conti	3	s of access t	to post-
		Frequency	%	Valid %
Valid	Very Dissatisfied	107	5.6%	5.8%
	Dissatisfied	274	14.4%	14.9%
	Neither Satisfied Nor Dissatisfied	443	23.3%	24.1%
	Satisfied	726	38.2%	39.6%
	Very Satisfied	223	11.7%	12.2%
	Don't Know	62	3.3%	3.4%
	Total	1,835	96.5%	100.0%
Missing	No Answer	66	3.5%	
	Total	66	3.5%	
Total		1,901	100.0%	
	81. How would you rate your current services?	community in term	s of day care	e
	81. How would you rate your current services?	community in term	s of day card	e Valid %
Valid		-	-	
Valid	services?	Frequency	%	Valid %
Valid	very Dissatisfied	Frequency	% 9.7%	Valid %
Valid	very Dissatisfied Dissatisfied	Frequency 184 261	% 9.7% 13.7%	Valid % 10.2% 14.4%
Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 184 261 390	% 9.7% 13.7% 20.5%	Valid % 10.2% 14.4% 21.5%
Valid	very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 184 261 390 187	9.7% 13.7% 20.5% 9.8%	Valid % 10.2% 14.4% 21.5% 10.3%
Valid	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 184 261 390 187 47	9.7% 13.7% 20.5% 9.8% 2.5%	Valid % 10.2% 14.4% 21.5% 10.3% 2.6%
Valid Missing	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 184 261 390 187 47 743	9.7% 13.7% 20.5% 9.8% 2.5% 39.1%	Valid % 10.2% 14.4% 21.5% 10.3% 2.6% 41.0%
	Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	Frequency 184 261 390 187 47 743 1,812	9.7% 13.7% 20.5% 9.8% 2.5% 39.1% 95.3%	Valid % 10.2% 14.4% 21.5% 10.3% 2.6% 41.0%

	82. How would you rate your current services?	community in term	is of medica	I care
		Frequency	%	Valid %
Valid	Very Dissatisfied	101	5.3%	5.5%
	Dissatisfied	254	13.4%	13.8%
	Neither Satisfied Nor Dissatisfied	435	22.9%	23.7%
	Satisfied	802	42.2%	43.6%
	Very Satisfied	237	12.5%	12.9%
	Don't Know	10	0.5%	0.5%
	Total	1,839	96.7%	100.0%
Missing	No Answer	62	3.3%	
	Total	62	3.3%	
Total ospital and	Long-Term Care in-State Questionnaire	1,901	100.0%	
	Long-Term Care in-State Questionnaire 83. How would you rate your current services?			care
	83. How would you rate your current			care Valid %
	83. How would you rate your current	community in term	s of mental	
ospital and	83. How would you rate your current services?	community in term	s of mental %	Valid %
ospital and	83. How would you rate your current services? Very Dissatisfied	community in term Frequency 214	s of mental %	Valid %
ospital and	83. How would you rate your current services? Very Dissatisfied Dissatisfied	Frequency 214 366	% 11.3% 19.3%	Valid % 11.7% 20.0%
ospital and	83. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 214 366 467	% 11.3% 19.3% 24.6%	Valid % 11.7% 20.0% 25.5%
ospital and	83. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 214 366 467 392	11.3% 19.3% 24.6% 20.6%	Valid % 11.7% 20.0% 25.5% 21.4%
ospital and	83. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 214 366 467 392 77	11.3% 19.3% 24.6% 20.6% 4.1%	Valid % 11.7% 20.0% 25.5% 21.4% 4.2%
ospital and	83. How would you rate your current services? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 214 366 467 392 77 318	% 11.3% 19.3% 24.6% 20.6% 4.1% 16.7%	Valid % 11.7% 20.0% 25.5% 21.4% 4.2% 17.3%

	84. How would you rate your current	community in term	s of retail s	hopping?
		Frequency	%	Valid %
Valid	Very Dissatisfied	308	16.2%	16.8%
	Dissatisfied	573	30.1%	31.2%
	Neither Satisfied Nor Dissatisfied	459	24.1%	25.0%
	Satisfied	417	21.9%	22.7%
	Very Satisfied	67	3.5%	3.7%
	Don't Know	11	0.6%	0.6%
	Total	1,835	96.5%	100.0%
Missing	No Answer	66	3.5%	
	Total	66	3.5%	
Total	l Long-Term Care in-State Questionnaire	1,901	100.0%	_
	85. How would you rate your current			ants/
	·			ants/ Valid %
	85. How would you rate your current	community in term	s of restaur	
ospital and	85. How would you rate your current entertainment?	community in term	s of restaur %	Valid %
ospital and	85. How would you rate your current entertainment? Very Dissatisfied	community in term Frequency 233	s of restaur % 12.3%	Valid %
ospital and	85. How would you rate your current entertainment? Very Dissatisfied Dissatisfied	community in term Frequency 233 565	% 12.3% 29.7%	Valid % 12.7% 30.8%
ospital and	85. How would you rate your current entertainment? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 233 565 450	% 12.3% 29.7% 23.7%	Valid % 12.7% 30.8% 24.5%
ospital and	85. How would you rate your current entertainment? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 233 565 450 488	12.3% 29.7% 23.7% 25.7%	Valid % 12.7% 30.8% 24.5% 26.6%
ospital and	85. How would you rate your current entertainment? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 233 565 450 488 93	% 12.3% 29.7% 23.7% 25.7% 4.9%	Valid % 12.7% 30.8% 24.5% 26.6% 5.1%
ospital and	85. How would you rate your current entertainment? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 233 565 450 488 93 7	% 12.3% 29.7% 23.7% 25.7% 4.9% 0.4%	Valid % 12.7% 30.8% 24.5% 26.6% 5.1% 0.4%

	86. If given the opportunity, how I current community?	ikely would you be to r	move away f	rom your
		Frequency	%	Valid %
Valid	Very Likely	380	20.0%	20.1%
	Likely	525	27.6%	27.8%
	Neither Likely Nor Unlikely	238	12.5%	12.6%
	Unlikely	256	13.5%	13.6%
	Very Unlikely	424	22.3%	22.5%
	Don't Know	64	3.4%	3.4%
	Total	1,887	99.2%	100.0%
Missing	No Answer	14	0.7%	
	Total	14	0.7%	
Total		1,901	99.9% ^a	

Appendix B:

Frequencies for Hospital and Long-Term Care Survey, Nurses Working Out-of-State During First and Second Quarter 2007

Frequency Missing = 76

	1. What was your employment status a	is of the reference date	?	
		Frequency	%	Valid %
Valid	Employed Full-Time	31	41.3%	41.9%
	Employed Part-Time	10	13.3%	13.5%
	Retired	15	20.0%	20.3%
	Not Working Outside Home	16	21.3%	21.6%
	Volunteer	1	1.3%	1.4%
	Employed, Not in Nursing	1	1.3%	1.4%
	Total	74	98.6%	100.0%
Missing	No Answer	1	1.3%	
	Total	1	1.3%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna		mary nurs	ing joh?
pital and	Long-Term Care Out-of-State Questionna 2a. Which of the following best describ		mary nurs %	ing job? Valid %
pital and Valid	-	oes the title of your pri	-	
	2a. Which of the following best describ	oes the title of your pri Frequency	%	Valid %
	2a. Which of the following best describ	pes the title of your pri Frequency	1.3%	Valid %
	2a. Which of the following best describ Nurse Educator Administration/Management	pes the title of your pri Frequency 1 5	% 1.3% 6.7%	Valid % 2.4% 12.2%
	2a. Which of the following best described Nurse Educator Administration/Management Direct Patient Care	res the title of your print Frequency 1 5 34	% 1.3% 6.7% 45.3%	Valid % 2.4% 12.2% 82.9%
	2a. Which of the following best described Nurse Educator Administration/Management Direct Patient Care Other	res the title of your print Frequency 1 5 34	% 1.3% 6.7% 45.3% 1.3%	Valid % 2.4% 12.2% 82.9% 2.4%
Valid	2a. Which of the following best described Nurse Educator Administration/Management Direct Patient Care Other Total	Frequency 1 5 34 1 41	% 1.3% 6.7% 45.3% 1.3% 54.6%	Valid % 2.4% 12.2% 82.9% 2.4%
Valid	2a. Which of the following best described Nurse Educator Administration/Management Direct Patient Care Other Total Skip, Not Employed in Nursing	Frequency 1 5 34 1 41	% 1.3% 6.7% 45.3% 1.3% 54.6%	Valid % 2.4% 12.2% 82.9% 2.4%

	Long-Term Care Out-of-State Questionnaire 2a. If your primary nursing job is direct par patient care do you provide?	tient care, what k	ind of dire	ct
	patient care do you provide:	Frequency	%	Valid %
Valid	Cardiac Care	1	1.3%	2.9%
	Neurology	1	1.3%	2.9%
	Pediatrics	2	2.7%	5.9%
	General Surgery	3	4.0%	8.8%
	General Medicine/Family Practice	9	12.0%	26.5%
	Cancer Care	1	1.3%	2.9%
	Mental Health	2	2.7%	5.9%
	Obstetrics/Neonatal	1	1.3%	2.9%
	Emergency Room	3	4.0%	8.8%
	Corrections	1	1.3%	2.9%
	Allergies/Asthma	1	1.3%	2.9%
	Assisted Living/LTC	2	2.7%	5.9%
	CCU/ICU	4	5.3%	11.8%
	PACU	2	2.7%	5.9%
	Other	1	1.3%	2.9%
	Total	34	45.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	Skip	8	10.7%	
	Total	41	54.7%	
Total		75	99.9% ^a	
	ot equal 100.0% due to rounding.			
spital and	Long-Term Care Out-of-State Questionnaire 2b. Are you a nurse practitioner?			
		Frequency	%	Valid %
Valid	Not a Nurse Practitioner	37	49.3%	90.2%
	Nurse Anesthetist	1	1.3%	2.4%
	Family Nurse Practitioner	2	2.7%	4.9%
	Other	1	1.3%	2.4%
	Total	41	54.6%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	1	1.3%	
	Total	34	45.3%	

1	Long-Term Care Out-of-State Questionnai 4. Which of the following best describes		v?	
	4. Willest of the following best describes	Frequency	y. %	Valid %
Valid	Ambulatory Healthcare	13	17.3%	31.7%
	Hospitals	24	32.0%	58.5%
	Long-Term Care	2	2.7%	4.9%
	Other	2	2.7%	4.9%
	Total	41	54.6%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	1	1.3%	
	Total	34	45.3%	
Total		75	100.0%	
spital and	Long-Term Care Out-of-State Questionnai	re		
	6. Do you plan to leave employment wit 12 months?	h your primary facili	ty within t	he next
		Frequency	%	Valid %
Valid	Yes	13	17.3%	32.5%
	No	27	36.0%	67.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
spital and	Long-Term Care Out-of-State Questionnai	re		
	7. If you answered YES to planning to le primary reason for leaving?	ave in the next 12 m	onths, wha	it is your
		Frequency	%	Valid %
Valid	Taking Another Job in Healthcare	3	4.0%	23.1%
	Relocating	1	1.3%	7.7%
	Continuing Education	1	1.3%	7.7%
	Other	8	10.7%	61.5%
	Total	13	17.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	Skip	27	36.0%	
	No Answer	2	2.7%	
	Total	62	82.7%	

	8. When do you plan to retire from your	primary facility?		
		Frequency	%	Valid 9
Valid	More Than 1 Year But Less Than 3	2	2.7%	5.19
	More Than 3 Years But Less Than 5	4	5.3%	10.39
	More Than 5 Years	17	22.7%	43.69
	Don't Know	16	21.3%	41.09
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnair	e		
	9. Do you plan to continue working as a facility?	nurse after retiring f	from your p	orimary
		Frequency	%	Valid 9
Valid	Yes	8	10.7%	20.5%
	No	7	9.3%	17.99
	Don't Know	24	32.0%	61.59
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnair	e		
	10. If you have a second job, is it in nurs	ing? Frequency	%	Valid 9
Valid	Yes	10	13.3%	25.69
· unu	No	28	37.3%	71.89
	Second Job Not in Nursing	1	1.3%	2.69
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
		30	-5.070	

	11. Which of the following best describ nursing job?	es the position title of	f your seco	ndary
		Frequency	%	Valid %
Valid	Direct Patient Care	6	8.0%	60.0%
	Nurse Educator	1	1.3%	10.0%
	Other	3	4.0%	30.0%
	Total	10	13.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	Skip	29	38.7%	
	No Answer	3	4.0%	
	Total	65	86.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	12. Which of the following best describ			
Valid	Ambulotom, Hoolthoom	Frequency 2	2.7%	Valid % 20.0%
vanu	Ambulatory Healthcare Hospitals	6	8.0%	60.0%
	Other	2	2.7%	20.0%
	Total	10	13.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	Skip	29	38.7%	
	No Answer	3	4.0%	
	Total	65	86.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	13. What is the length of your typical s	scheduled shift at you Frequency		ob? Valid %
Valid	8 hours	14	18.7%	35.9%
vanu	12 hours	17	22.7%	43.6%
	Both 8 and 12 hours	2	2.7%	5.1%
	Other	6	8.0%	15.4%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
MIGGIIIE	No Answer	33	4.0%	
		36	48.0%	
	Total	50	48 11%	

Valid I did not work on-call time 12 16.0% 66.79 Called in for single procedure 2 2.7% 11.19 Called in for entire shift 2 2.7% 11.19 Other 2 2.7% 11.19 Total 18 24.0% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 75 100.0%	pital and	Long-Term Care Out-of-State Questionna			
Valid Yes		14. Do you have an on-call requirement			Valid 9
No	Valid	Veg			
Total 39 52.0% 100.09	vand				
Missing Skip, Not Employed in Nursing 33 44.0% No Answer 3 4.0%					
No Answer 3 4.0% 100.0		rotai	39	52.0%	100.09
Total 36	Missing	Skip, Not Employed in Nursing	33	44.0%	
Total Tota		No Answer	3	4.0%	
15. During the reference period did you work on-call time and why?		Total	36	48.0%	
Valid I did not work on-call time I did not work on call tim	Total		75	100.0%	
Valid I did not work on-call time 12 16.0% 66.7% Called in for single procedure 2 2.7% 11.1% Called in for entire shift 2 2.7% 11.1% Called in for entire shift 2 2.7% 11.1% Other 2 2.7% 11.1% Total 18 24.0% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 75 100.0% Total 75 100.0% Total 76 76 76 Valid 76 76 76 Valid No 32 42.7% 84.2% Yes, once 5 6.7% 13.2% Yes, twice 1 1.3% 2.6% Total 38 50.6% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%	pital and	Long-Term Care Out-of-State Questionna	ire		
Valid I did not work on-call time 12 16.0% 66.7% Called in for single procedure 2 2.7% 11.19 Called in for entire shift 2 2.7% 11.19 Other 2 2.7% 11.19 Total 18 24.0% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% Skip No Answer 3 4.0% Total 57 76.0% Total 57 76.0% Total 75 100.0% Total 75 100.0% Spital and Long-Term Care Out-of-State Questionnaire 76. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency 9 Valid 9 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.6% Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		15. During the reference period did you	ı work on-call time an	d why?	
Called in for single procedure 2 2.7% 11.19			Frequency	%	Valid 9
Called in for entire shift 2 2.7% 11.19 Other 2 2.7% 11.19 Total 18 24.0% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 75 100.0% Total	Valid	I did not work on-call time	12	16.0%	66.7%
Other Total 18 24.0% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 57 76.0% Total 75 100.0% Spital and Long-Term Care Out-of-State Questionnaire 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency 8 Valid 9 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Called in for single procedure	2	2.7%	11.19
Total 18 24.0% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 75 100.0% Spital and Long-Term Care Out-of-State Questionnaire 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency 8 Valid 9 Valid No 32 42.7% 84.29 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Called in for entire shift	2	2.7%	11.19
Missing Skip, Not Employed in Nursing 33 44.0% Skip 21 28.0% No Answer 3 4.0% Total 57 76.0% Total 75 100.0% Spital and Long-Term Care Out-of-State Questionnaire 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency 8 Valid 9 Valid No 32 42.7% 84.29 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Other	2	2.7%	11.19
Skip 21 28.0% No Answer 3 4.0% Total 57 76.0%		Total	18	24.0%	100.0%
No Answer 3 4.0% Total 57 76.0% Total 75 100.0%	Missing	Skip, Not Employed in Nursing	33	44.0%	
Total 57 76.0% Total 75 100.0% Spital and Long-Term Care Out-of-State Questionnaire 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency % Valid 9 Valid No 32 42.7% 84.29 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Skip	21	28.0%	
Total Tota		No Answer	3	4.0%	
Total 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency Yes, once Yes, twice Total Skip, Not Employed in Nursing No Answer No Answer 16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency % Valid 9 Valid 132 42.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09		Total	57	76.0%	
16. During the reference period did you have unscheduled shift changes from your regularly scheduled shift at the request or direction of your supervisor? Frequency	Total		75	100.0%	
your regularly scheduled shift at the request or direction of your supervisor? Frequency % Valid 9 Valid No 32 42.7% 84.2% Yes, once 5 6.7% 13.2% Yes, twice 1 1.3% 2.6% Total 38 50.6% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%	pital and	Long-Term Care Out-of-State Questionna	ire		
Valid No 32 42.7% 84.29 Yes, once 5 6.7% 13.29 Yes, twice 1 1.3% 2.69 Total 38 50.6% 100.09 Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%					
Yes, once 5 6.7% 13.2% Yes, twice 1 1.3% 2.6% Total 38 50.6% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%			Frequency	%	Valid 9
Yes, twice 1 1.3% 2.6% Total 38 50.6% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%	Valid	No	32	42.7%	84.2%
Total 38 50.6% 100.0% Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Yes, once	5	6.7%	13.2%
Missing Skip, Not Employed in Nursing 33 44.0% No Answer 4 5.3%		Yes, twice	1	1.3%	2.6%
No Answer 4 5.3%		Total	38	50.6%	100.0%
	Missing	Skip, Not Employed in Nursing	33	44.0%	
Total 37 49.3%		No Answer	4	5.3%	
		Total	37	49.3%	

	17. Which of the following best describes why y	ou worked ex	tra hours?	
		Frequency	%	Valid 9
Valid	I wanted to help out when the unit was understaffed	7	9.3%	25.0%
	I wanted extra money	7	9.3%	25.0%
	I wanted time off on another day	1	1.3%	3.6%
	I felt pressured by manager, supervisor, or other staff	3	4.0%	10.7%
	I was required (mandated) to work	3	4.0%	10.79
	Other	7	9.3%	25.0%
	Total	28	37.3%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	14	18.7%	
	Total	47	62.7%	
pital and	Long-Term Care Out-of-State Questionnaire			
	18. In the past year, has the amount of mandat required of you:	tory unschedu	led overtin	ne
		Frequency	%	Valid 9
Valid	Increased	6	8.0%	15.4%
	Remained about the same	8	10.7%	20.59
	Decreased	1	1.3%	2.69
	Not Applicable	24	32.0%	61.59
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
spital and	Long-Term Care Out-of-State Questionnaire			
	19. Do you think that overtime hours are fairly	assigned in your Frequency	our primary %	facility' Valid %
Valid	Yes	24	32.0%	72.7%
	No	9	12.0%	27.39
	Total	33	44.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	9	12.0%	

	20. How would you rate your overall sat	isfaction with your p	rimary faci	ility?
		Frequency	%	Valid %
Valid	Very Dissatisfied	4	5.3%	10.0%
	Dissatisfied	5	6.7%	12.5%
	Neither Satisfied Nor Dissatisfied	3	4.0%	7.5%
	Satisfied	22	29.3%	55.0%
	Very Satisfied	6	8.0%	15.0%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai 22. How would you rate your satisfaction		rv at vour	primary
pital and	Long-Term Care Out-of-State Questionnai 22. How would you rate your satisfactio facility?		ry at your	primary
pital and	22. How would you rate your satisfaction		ry at your	_
pital and Valid	22. How would you rate your satisfaction	n with your base sala		Valid %
	22. How would you rate your satisfaction facility?	n with your base sala Frequency	%	Valid %
	22. How would you rate your satisfaction facility? Very Dissatisfied	n with your base sala Frequency	% 1.3%	Valid % 2.5% 30.0%
	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied	n with your base sala Frequency 1 12	% 1.3% 16.0%	Valid % 2.5% 30.0% 12.5%
	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 1 12 5	% 1.3% 16.0% 6.7%	Valid % 2.5% 30.0% 12.5% 45.0%
	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 12 5 18	% 1.3% 16.0% 6.7% 24.0%	Valid % 2.5% 30.0% 12.5% 45.0%
	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 12 5 18 4	% 1.3% 16.0% 6.7% 24.0% 5.3%	valid % 2.5% 30.0% 12.5% 45.0% 100.0%
Valid	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 1 12 5 18 4	% 1.3% 16.0% 6.7% 24.0% 5.3% 53.3%	Valid % 2.5% 30.0% 12.5% 45.0%
Valid	22. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 1 12 5 18 4 40	% 1.3% 16.0% 6.7% 24.0% 5.3% 53.3%	Valid % 2.5% 30.0% 12.5% 45.0%

	22. How would you rate your satisfactio at your primary facility?	n with the salary ran	ge ioi youi	position
		Frequency	%	Valid %
Valid	Very Dissatisfied	3	4.0%	7.5%
	Dissatisfied	12	16.0%	30.0%
	Neither Satisfied Nor Dissatisfied	7	9.3%	17.5%
	Satisfied	14	18.7%	35.0%
	Very Satisfied	4	5.3%	10.0%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	400.00	
	Long-Term Care Out-of-State Questionnai		100.0% benefits at	your
	-	re n with the employee	benefits at	
pital and	23. How would you rate your satisfactio primary facility?	re n with the employee Frequency	benefits at %	Valid %
	23. How would you rate your satisfaction primary facility? Very Dissatisfied	re n with the employee Frequency 4	benefits at % 5.3%	Valid %
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied	re n with the employee Frequency 4 8	benefits at % 5.3% 10.7%	Valid % 10.0% 20.0%
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re n with the employee Frequency 4 8 6	benefits at % 5.3% 10.7% 8.0%	Valid % 10.0% 20.0% 15.0%
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re n with the employee Frequency 4 8 6 14	5.3% 10.7% 8.0% 18.7%	Valid % 10.0% 20.0% 15.0% 35.0%
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with the employee Frequency 4 8 6 14 3	5.3% 10.7% 8.0% 18.7% 4.0%	Valid % 10.0% 20.0% 15.0% 35.0% 7.5%
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re n with the employee Frequency 4 8 6 14	5.3% 10.7% 8.0% 18.7%	Valid % 10.0% 20.0% 15.0% 35.0% 7.5% 12.5%
pital and	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 4 8 6 14 3 5	5.3% 10.7% 8.0% 18.7% 4.0% 6.7%	Valid % 10.0% 20.0% 15.0% 35.0% 7.5% 12.5%
pital and Valid	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 4 8 6 14 3 5 40	5.3% 10.7% 8.0% 18.7% 4.0% 6.7% 53.3%	your Valid % 10.0% 20.0% 15.0% 35.0% 7.5% 100.0%
pital and Valid	23. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 4 8 6 14 3 5 40	5.3% 10.7% 8.0% 18.7% 4.0% 53.3%	Valid % 10.0% 20.0% 15.0% 35.0% 7.5% 12.5%

	24. How would you rate your satisfaction	on with the skill of RN	ls where yo	u work?
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	2.7%	5.0%
	Dissatisfied	4	5.3%	10.0%
	Neither Satisfied Nor Dissatisfied	5	6.7%	12.5%
	Satisfied	18	24.0%	45.0%
	Very Satisfied	8	10.7%	20.0%
	Not Applicable	3	4.0%	7.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai	re		ing
pital and	Long-Term Care Out-of-State Questionnai 25. How would you rate your satisfaction where you work?	re		ing
pital and	25. How would you rate your satisfaction	re		ing Valid %
pital and	25. How would you rate your satisfaction	re on with the adequacy	of RN staff	Valid %
	25. How would you rate your satisfaction where you work?	re on with the adequacy Frequency	of RN staff %	Valid %
	25. How would you rate your satisfaction where you work? Very Dissatisfied	re on with the adequacy Frequency 5	of RN staff % 6.7%	_
	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied	re on with the adequacy Frequency 5 3	of RN staff % 6.7% 4.0%	Valid % 12.5% 7.5% 22.5%
	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re on with the adequacy Frequency 5 3 9	of RN staff % 6.7% 4.0% 12.0%	Valid % 12.5% 7.5% 22.5% 27.5%
	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 5 3 9	of RN staff % 6.7% 4.0% 12.0% 14.7%	Valid % 12.5% 7.5% 22.5% 27.5%
	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 5 3 9 11	6.7% 4.0% 12.0% 14.7% 12.0%	Valid % 12.5% 7.5% 22.5% 27.5% 22.5% 7.5%
	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 5 3 9 11 9 3	6.7% 4.0% 12.0% 14.7% 12.0% 4.0%	Valid % 12.5% 7.5%
Valid	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 5 3 9 11 9 3 40	6.7% 4.0% 12.0% 14.7% 12.0% 4.0% 53.3%	Valid % 12.5% 7.5% 22.5% 27.5% 22.5% 7.5%
Valid	25. How would you rate your satisfaction where you work? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 5 3 9 11 9 3 40	6.7% 4.0% 12.0% 14.7% 12.0% 4.0% 53.3%	Valid % 12.5% 7.5% 22.5% 27.5% 22.5% 7.5%

	services at your primary facility?			
		Frequency	%	Valid %
Valid	Very Dissatisfied	3	4.0%	7.5%
	Dissatisfied	6	8.0%	15.0%
	Neither Satisfied Nor Dissatisfied	7	9.3%	17.5%
	Satisfied	12	16.0%	30.0%
	Very Satisfied	8	10.7%	20.0%
	Not Applicable	4	5.3%	10.0%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total pital and	Long-Term Care Out-of-State Questionnai		100.0%	muirod of
	Long-Term Care Out-of-State Questionnai 27. How would you rate your satisfactio you at your primary facility?	re		quired of
	27. How would you rate your satisfaction	re		quired of Valid %
	27. How would you rate your satisfaction	re n with the non-nursir	ng tasks re	
pital and	27. How would you rate your satisfactio you at your primary facility?	re n with the non-nursir Frequency	ng tasks re	Valid %
pital and	27. How would you rate your satisfactio you at your primary facility? Very Dissatisfied	re n with the non-nursin Frequency 5	ng tasks re % 6.7%	Valid %
pital and	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied	re in with the non-nursin Frequency 5 5	ng tasks red % 6.7% 6.7%	Valid % 12.5% 12.5%
pital and	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re n with the non-nursir Frequency 5 5 11	ng tasks re- % 6.7% 6.7% 14.7%	Valid % 12.5% 12.5% 27.5%
pital and	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re In with the non-nursing Frequency 5 5 11 10	6.7% 6.7% 14.7% 13.3%	Valid % 12.5% 12.5% 27.5% 25.0%
pital and	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re in with the non-nursin Frequency 5 5 11 10 5	6.7% 6.7% 14.7% 13.3% 6.7%	Valid % 12.5% 12.5% 27.5% 25.0% 12.5%
pital and	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	re n with the non-nursin Frequency 5 5 11 10 5 4	6.7% 6.7% 14.7% 13.3% 6.7% 5.3%	Valid % 12.5% 12.5% 27.5% 25.0% 12.5% 10.0%
pital and Valid	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	re n with the non-nursin Frequency 5 5 11 10 5 4 40	6.7% 6.7% 14.7% 13.3% 6.7% 5.3% 53.3%	Valid % 12.5% 12.5% 27.5% 25.0% 12.5% 10.0%
pital and Valid	27. How would you rate your satisfaction you at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	re n with the non-nursin Frequency 5 5 11 10 5 4 40	6.7% 6.7% 14.7% 13.3% 6.7% 5.3% 53.3%	Valid % 12.5% 12.5% 27.5% 25.0% 12.5% 10.0%

	28. How would you rate your satisfaction required of you at your primary facility		paperwork	(
		Frequency	%	Valid %
Valid	Very Dissatisfied	6	8.0%	15.0%
	Dissatisfied	7	9.3%	17.5%
	Neither Satisfied Nor Dissatisfied	9	12.0%	22.5%
	Satisfied	13	17.3%	32.5%
	Very Satisfied	5	6.7%	12.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
	29. How would you rate your satisfaction	n with your physical	work envir	onment?
		Frequency	%	Valid %
Valid	Very Dissatisfied	Frequency 3	4.0%	Valid % 7.5%
Valid	Very Dissatisfied Dissatisfied			
Valid	y .	3	4.0%	7.5%
Valid	Dissatisfied	3	4.0%	7.5%
Valid	Dissatisfied Neither Satisfied Nor Dissatisfied	3 3 11	4.0% 4.0% 14.7%	7.5% 7.5% 27.5% 42.5%
Valid	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	3 3 11 17	4.0% 4.0% 14.7% 22.7%	7.5% 7.5% 27.5%
Valid Missing	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	3 3 11 17 6	4.0% 4.0% 14.7% 22.7% 8.0%	7.5% 7.5% 27.5% 42.5% 15.0%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	3 3 11 17 6 40	4.0% 4.0% 14.7% 22.7% 8.0% 53.3%	7.5% 7.5% 27.5% 42.5% 15.0%
	Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	3 3 11 17 6 40	4.0% 4.0% 14.7% 22.7% 8.0% 53.3%	7.5% 7.5% 27.5% 42.5% 15.0%

	30. How would you rate your satisfactio facility where you work?	n with the level of pe	rsonal safe	ety at the
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	1.3%	2.5%
	Dissatisfied	4	5.3%	10.0%
	Neither Satisfied Nor Dissatisfied	6	8.0%	15.0%
	Satisfied	20	26.7%	50.0%
	Very Satisfied	9	12.0%	22.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai		odulo at vo	aur.
pital and	Long-Term Care Out-of-State Questionnai 31. How would you rate your satisfactio primary facility?		edule at yo	our
pital and	31. How would you rate your satisfaction		edule at yo	
pital and Valid	31. How would you rate your satisfaction	n with your work sch	_	Valid %
	31. How would you rate your satisfactio primary facility?	n with your work sch Frequency	%	Valid % 2.5%
	31. How would you rate your satisfaction primary facility? Very Dissatisfied	n with your work sch Frequency	% 1.3%	Valid % 2.5% 10.0%
	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied	rn with your work sch Frequency 1 4	% 1.3% 5.3%	Valid % 2.5% 10.0% 12.5%
	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	rn with your work school Frequency 1 4 5	% 1.3% 5.3% 6.7%	Valid % 2.5% 10.0% 12.5% 57.5%
	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 1 4 5 23	% 1.3% 5.3% 6.7% 30.7%	Valid % 2.5% 10.0% 12.5% 57.5% 17.5% 100.0%
	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 1 4 5 23	% 1.3% 5.3% 6.7% 30.7% 9.3%	Valid % 2.5% 10.0% 12.5% 57.5% 17.5%
Valid	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 1 4 5 23 7	% 1.3% 5.3% 6.7% 30.7% 9.3% 53.3%	Valid % 2.5% 10.0% 12.5% 57.5% 17.5%
Valid	31. How would you rate your satisfaction primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 1 4 5 23 7 40	% 1.3% 5.3% 6.7% 30.7% 9.3% 53.3%	Valid % 2.5% 10.0% 12.5% 57.5% 17.5%

	32. How would you rate your satisfactio at your primary place of employment?	n with the amount of	overtime	assigned
		Frequency	%	Valid %
Valid	Dissatisfied	6	8.0%	15.0%
	Neither Satisfied Nor Dissatisfied	9	12.0%	22.5%
	Satisfied	7	9.3%	17.5%
	Very Satisfied	8	10.7%	20.0%
	Not Applicable	10	13.3%	25.0%
	Total	40	53.3%	100.0%
Missing	Skip	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai		our primary	v
pital and	Long-Term Care Out-of-State Questionnai 33. How would you rate your satisfaction facility?		our primar	y
pital and	33. How would you rate your satisfaction		our primar	y Valid %
pital and Valid	33. How would you rate your satisfaction	with job security at y		
	33. How would you rate your satisfaction facility?	with job security at y	%	Valid %
	33. How would you rate your satisfaction facility? Very Dissatisfied	with job security at your Frequency 2	% 2.7%	Valid % 5.0%
	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied	Frequency 2 3	% 2.7% 4.0%	Valid % 5.0% 7.5%
	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 2 3 10	% 2.7% 4.0% 13.3%	Valid % 5.0% 7.5% 25.0%
	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 2 3 10 15	% 2.7% 4.0% 13.3% 20.0%	Valid % 5.0% 7.5% 25.0% 37.5%
	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 2 3 10 15 10	% 2.7% 4.0% 13.3% 20.0% 13.3%	Valid % 5.0% 7.5% 25.0% 37.5% 25.0%
Valid	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	Frequency 2 3 10 15 10 40	% 2.7% 4.0% 13.3% 20.0% 13.3% 53.3%	Valid % 5.0% 7.5% 25.0% 37.5% 25.0%
Valid	33. How would you rate your satisfaction facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 2 3 10 15 10 40	% 2.7% 4.0% 13.3% 20.0% 13.3% 53.3%	Valid % 5.0% 7.5% 25.0% 37.5% 25.0%

	34. How would you rate the opportunities	for advancement at yo	ur primary	facility?
		Frequency	%	Valid %
Valid	Very Dissatisfied	4	5.3%	10.0%
	Dissatisfied	6	8.0%	15.0%
	Neither Satisfied Nor Dissatisfied	13	17.3%	32.5%
	Satisfied	9	12.0%	22.5%
	Very Satisfied	5	6.7%	12.5%
	Not Applicable	3	4.0%	7.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
	Long-Term Care Out-of-State Questionnair 35. How would you rate your satisfaction	re n with support from t		with
	·	re n with support from t ?	the nurses	
pital and	35. How would you rate your satisfaction whom you work at your primary facility	re n with support from t ? Frequency	the nurses	Valid %
	35. How would you rate your satisfaction whom you work at your primary facility Very Dissatisfied	re n with support from t ? Frequency 3	the nurses % 4.0%	Valid % 7.5%
pital and	35. How would you rate your satisfaction whom you work at your primary facility. Very Dissatisfied Dissatisfied	re n with support from t ? Frequency 3 1	% 4.0% 1.3%	Valid % 7.5% 2.5%
pital and	35. How would you rate your satisfaction whom you work at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re n with support from to re Frequency 3 1 11	the nurses 4.0% 1.3% 14.7%	Valid % 7.5% 2.5% 27.5%
pital and	35. How would you rate your satisfaction whom you work at your primary facility. Very Dissatisfied Dissatisfied	re n with support from to re Frequency 3 1 11 12	4.0% 1.3% 14.7% 16.0%	Valid % 7.5% 2.5% 27.5% 30.0%
pital and	35. How would you rate your satisfaction whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with support from to a second support from the	4.0% 1.3% 14.7% 16.0% 14.7%	Valid % 7.5% 2.5% 27.5% 30.0% 27.5%
pital and	35. How would you rate your satisfaction whom you work at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 3 1 11 12 11 2	4.0% 1.3% 14.7% 16.0%	Valid % 7.5% 2.5% 27.5% 30.0% 27.5% 5.0%
pital and	35. How would you rate your satisfaction whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with support from to a second support from the	4.0% 1.3% 14.7% 16.0% 14.7%	with Valid % 7.5% 2.5% 27.5% 30.0% 27.5% 5.0% 100.0%
pital and	35. How would you rate your satisfaction whom you work at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 3 1 11 12 11 2	4.0% 4.0% 1.3% 14.7% 16.0% 14.7% 2.7%	Valid % 7.5% 2.5% 27.5% 30.0% 27.5% 5.0%
pital and Valid	35. How would you rate your satisfaction whom you work at your primary facility. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 3 1 11 12 11 2 40	4.0% 4.0% 1.3% 14.7% 16.0% 14.7% 2.7% 53.3%	Valid % 7.5% 2.5% 27.5% 30.0% 27.5% 5.0%
pital and Valid	35. How would you rate your satisfaction whom you work at your primary facility Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 3 1 11 12 11 2 40	4.0% 4.0% 1.3% 14.7% 16.0% 14.7% 2.7% 53.3%	Valid % 7.5% 2.5% 27.5% 30.0% 27.5% 5.0%

	administration at your primary facility	,		
	dammistration at your primary racinty	Frequency	%	Valid %
Valid	Very Dissatisfied	6	8.0%	15.4%
	Dissatisfied	7	9.3%	17.9%
	Neither Satisfied Nor Dissatisfied	10	13.3%	25.6%
	Satisfied	7	9.3%	17.9%
	Very Satisfied	6	8.0%	15.4%
	Not Applicable	3	4.0%	7.7%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total pital and	Long-Term Care Out-of-State Questionnai	75 re	100.0%	
	37. How would you rate your satisfactio	re		ians at
		re		ians at Valid %
	37. How would you rate your satisfactio	re n with interactions w	ith physici	
pital and	37. How would you rate your satisfactio your primary facility?	re n with interactions w Frequency	ith physic	Valid %
pital and	37. How would you rate your satisfactio your primary facility? Very Dissatisfied	re n with interactions w Frequency 1	ith physici % 1.3%	Valid % 2.5%
pital and	37. How would you rate your satisfaction your primary facility? Very Dissatisfied Dissatisfied	re n with interactions w Frequency 1 6	ith physici % 1.3% 8.0%	Valid % 2.5% 15.0%
pital and	37. How would you rate your satisfactio your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re n with interactions w Frequency 1 6 8	ith physici % 1.3% 8.0% 10.7%	Valid % 2.5% 15.0% 20.0%
pital and	37. How would you rate your satisfaction your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re n with interactions w Frequency 1 6 8 16	1.3% 8.0% 10.7% 21.3%	Valid % 2.5% 15.0% 20.0% 40.0%
pital and	37. How would you rate your satisfaction your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with interactions w Frequency 1 6 8 16 9	1.3% 8.0% 10.7% 21.3% 12.0%	Valid % 2.5% 15.0% 20.0% 40.0% 22.5%
pital and Valid	37. How would you rate your satisfaction your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	re n with interactions w Frequency 1 6 8 16 9 40	1.3% 8.0% 10.7% 21.3% 12.0% 53.3%	Valid % 2.5% 15.0% 20.0% 40.0% 22.5%
pital and Valid	37. How would you rate your satisfaction your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	Frequency 1 6 8 16 9 40	1.3% 8.0% 10.7% 21.3% 12.0% 53.3%	Valid % 2.5% 15.0% 20.0% 40.0% 22.5%

	38. How would you rate your satisfactio nursing staff at your primary facility?	n with interactions w	ith other r	non-
		Frequency	%	Valid %
Valid	Very Dissatisfied	1	1.3%	2.5%
	Dissatisfied	3	4.0%	7.5%
	Neither Satisfied Nor Dissatisfied	7	9.3%	17.5%
	Satisfied	19	25.3%	47.5%
	Very Satisfied	9	12.0%	22.5%
	Not Applicable	1	1.3%	2.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total pital and	Long-Term Care Out-of-State Questionnai	75 re	100.0%	
	39. How would you rate your satisfaction	re		ng
		re		ng Valid %
	39. How would you rate your satisfaction	re n with interactions w	vith traveli	
pital and	39. How would you rate your satisfactio agency staff at your primary facility?	re n with interactions w Frequency	vith traveli %	Valid %
pital and	39. How would you rate your satisfactio agency staff at your primary facility? Dissatisfied	re n with interactions w Frequency 2	vith traveli % 2.7%	Valid % 5.0%
pital and	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied	re n with interactions w Frequency 2 3	% 2.7% 4.0%	Valid % 5.0% 7.5% 35.0%
pital and	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re n with interactions w Frequency 2 3 14	2.7% 4.0% 18.7%	Valid % 5.0% 7.5% 35.0% 7.5%
pital and	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with interactions w Frequency 2 3 14 3	2.7% 4.0% 18.7% 4.0%	Valid % 5.0% 7.5%
pital and	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	re n with interactions w Frequency 2 3 14 3 18	2.7% 4.0% 18.7% 4.0% 24.0%	Valid % 5.0% 7.5% 35.0% 7.5% 45.0%
pital and Valid	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 2 3 14 3 18 40	% 2.7% 4.0% 18.7% 4.0% 24.0% 53.3%	Valid % 5.0% 7.5% 35.0% 7.5% 45.0%
pital and Valid	39. How would you rate your satisfaction agency staff at your primary facility? Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 2 3 14 3 18 40	2.7% 4.0% 18.7% 4.0% 24.0% 53.3%	Valid % 5.0% 7.5% 35.0% 7.5% 45.0%

	40. How would you rate your satisfaction primary facility?	on with patient intera	ctions at y	our
		Frequency	%	Valid %
Valid	Dissatisfied	1	1.3%	2.5%
	Neither Satisfied Nor Dissatisfied	3	4.0%	7.5%
	Satisfied	17	22.7%	42.5%
	Very Satisfied	19	25.3%	47.5%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai 41. How would you rate your satisfactio education at your primary facility?		able for pa	tient
pital and	41. How would you rate your satisfaction	n with the time avail	able for pa	tient Valid %
pital and Valid	41. How would you rate your satisfactio education at your primary facility?		·	
	41. How would you rate your satisfaction	n with the time avail	%	Valid %
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied	Frequency	% 4.0%	Valid %
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied	Frequency 3	4.0% 10.7%	Valid % 7.5% 20.0%
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	Frequency 3 8 9	4.0% 10.7% 12.0%	Valid % 7.5% 20.0% 22.5%
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 3 8 9 12	4.0% 10.7% 12.0% 16.0%	Valid % 7.5% 20.0% 22.5% 30.0%
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 3 8 9 12 7	4.0% 10.7% 12.0% 16.0% 9.3%	Valid % 7.5% 20.0% 22.5% 30.0% 17.5%
	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 3 8 9 12 7	4.0% 10.7% 12.0% 16.0% 9.3% 1.3%	Valid % 7.5% 20.0% 22.5% 30.0% 17.5% 2.5%
Valid	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 3 8 9 12 7 1 40	4.0% 10.7% 12.0% 16.0% 9.3% 1.3% 53.3%	Valid % 7.5% 20.0% 22.5% 30.0% 17.5% 2.5%
Valid	41. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 3 8 9 12 7 1 40	4.0% 4.0% 10.7% 12.0% 16.0% 9.3% 1.3% 53.3%	Valid % 7.5% 20.0% 22.5% 30.0% 17.5% 2.5%

	42. How would you rate your satisfactio management decisions at your primary		ent in poli	cy and
		Frequency	%	Valid %
Valid	Very Dissatisfied	7	9.3%	17.5%
	Dissatisfied	5	6.7%	12.5%
	Neither Satisfied Nor Dissatisfied	8	10.7%	20.0%
	Satisfied	13	17.3%	32.5%
	Very Satisfied	5	6.7%	12.5%
	Not Applicable	2	2.7%	5.0%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total pital and	Long-Term Care Out-of-State Questionnai	75 re	100.0%	
	43. How would you rate your satisfaction	re		your
		re		your Valid %
	43. How would you rate your satisfaction	re n with the opportuni	ties to use	
pital and	43. How would you rate your satisfactio skills at your primary facility?	re n with the opportuni Frequency	ties to use %	Valid %
pital and	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied	re n with the opportuni Frequency	ties to use % 2.7%	Valid % 5.0%
pital and	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied Dissatisfied	re n with the opportuni Frequency 2 2	% 2.7% 2.7%	Valid % 5.0% 5.0%
pital and	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re n with the opportunit Frequency 2 2 10	2.7% 2.7% 13.3%	Valid % 5.0% 5.0% 25.0%
pital and	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	re n with the opportuni Frequency 2 2 10 18	2.7% 2.7% 13.3% 24.0%	Valid % 5.0% 5.0% 25.0% 45.0%
pital and	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	re n with the opportuni Frequency 2 2 10 18 8	2.7% 2.7% 2.7% 13.3% 24.0% 10.7%	Valid % 5.0% 5.0% 25.0% 45.0% 20.0%
pital and Valid	43. How would you rate your satisfactionskills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total	re n with the opportuni Frequency 2 2 10 18 8 40	% 2.7% 2.7% 13.3% 24.0% 10.7% 53.3%	Valid % 5.0% 5.0% 25.0% 45.0% 20.0%
pital and Valid	43. How would you rate your satisfaction skills at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Total Skip, Not Employed in Nursing	re n with the opportuni Frequency 2 2 10 18 8 40	2.7% 2.7% 13.3% 24.0% 10.7% 53.3%	Valid % 5.0% 5.0% 25.0% 45.0% 20.0%

	skills at your primary facility?			
	ee at year primary racing.	Frequency	%	Valid %
Valid	Very Dissatisfied	2	2.7%	5.0%
	Dissatisfied	10	13.3%	25.0%
	Neither Satisfied Nor Dissatisfied	8	10.7%	20.0%
	Satisfied	12	16.0%	30.0%
	Very Satisfied	8	10.7%	20.0%
	Total	40	53.3%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnaid 45. How would you rate your satisfaction of your primary facility?		ties for cor	ntinuing
pital and	·	n with the opportuni		J
pital and	45. How would you rate your satisfaction		ties for cor	J
pital and Valid	45. How would you rate your satisfaction	n with the opportuni		Valid %
	45. How would you rate your satisfactio education at your primary facility?	n with the opportuni Frequency	%	Valid %
	45. How would you rate your satisfactio education at your primary facility? Very Dissatisfied	n with the opportuni Frequency 4	% 5.3%	Valid % 10.0% 25.0%
	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied	r with the opportuni Frequency 4 10	% 5.3% 13.3%	Valid % 10.0% 25.0% 27.5%
	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	r with the opportuni Frequency 4 10 11	5.3% 13.3% 14.7%	Valid % 10.0% 25.0% 27.5% 15.0% 20.0%
	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	Frequency 4 10 11 6	5.3% 13.3% 14.7% 8.0%	Valid % 10.0% 25.0% 27.5% 15.0%
	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 4 10 11 6 8	5.3% 13.3% 14.7% 8.0% 10.7%	Valid % 10.0% 25.0% 27.5% 15.0% 20.0%
	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable	Frequency 4 10 11 6 8 1	5.3% 13.3% 14.7% 8.0% 10.7% 1.3%	Valid % 10.0% 25.0% 27.5% 15.0% 20.0% 2.5%
Valid	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total	Frequency 4 10 11 6 8 1 40	5.3% 13.3% 14.7% 8.0% 10.7% 1.3% 53.3%	Valid % 10.0% 25.0% 27.5% 15.0% 20.0% 2.5%
Valid	45. How would you rate your satisfaction education at your primary facility? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Not Applicable Total Skip, Not Employed in Nursing	Frequency 4 10 11 6 8 1 40	5.3% 13.3% 14.7% 8.0% 10.7% 1.3% 53.3%	Valid % 10.0% 25.0% 27.5% 15.0% 20.0% 2.5%

	46. How would you rate your satisfactio your primary facility?	n with the quality of	patient ca	re at
		Frequency	%	Valid 9
Valid	Very Dissatisfied	3	4.0%	7.59
	Dissatisfied	4	5.3%	10.09
	Neither Satisfied Nor Dissatisfied	4	5.3%	10.09
	Satisfied	21	28.0%	52.59
	Very Satisfied	8	10.7%	20.09
	Total	40	53.3%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35	46.7%	
Total		75	100.0%	
	47. How would you rate your satisfaction important at your primary facility?	_		
37-1:4		Frequency	4 00%	Valid
Valid	Very Dissatisfied	3	4.0%	7.59
	Dissatisfied	2	2.7%	5.09
	Neither Satisfied Nor Dissatisfied	4	5.3%	10.09
	Satisfied Very Sectional	19	25.3%	47.59
	Very Satisfied Total	12 40	16.0% 53.3%	30.0°
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	2	2.7%	
	Total	35 75	46.7% 100.0%	
Total		75	100.0%	
Total				
	Long-Term Care Out-of-State Questionnaid 48. How would you rate your satisfactio		t vour prin	narv
	Long-Term Care Out-of-State Questionnai 48. How would you rate your satisfactio facility?		t your prin %	-
	48. How would you rate your satisfactio	n with other issues a		Valid 9
spital and	48. How would you rate your satisfactio facility?	n with other issues a Frequency	%	Valid 9
spital and	48. How would you rate your satisfactio facility? Very Dissatisfied	n with other issues a Frequency 2	% 2.7%	Valid 9
spital and	48. How would you rate your satisfaction facility? Very Dissatisfied Not Applicable	n with other issues a Frequency 2 1	% 2.7% 1.3%	Valid 9 5.79 2.99 91.49
spital and	48. How would you rate your satisfaction facility? Very Dissatisfied Not Applicable Skip, Not Employed in Nursing	Frequency 2 1 32	% 2.7% 1.3% 42.7%	Valid 9 5.79 2.99 91.49
pital and	48. How would you rate your satisfaction facility? Very Dissatisfied Not Applicable Skip, Not Employed in Nursing Total	Frequency 2 1 32 35	2.7% 1.3% 42.7% 46.6%	valid 9 5.79 2.99 91.49 100.09

	49. How would you rate the statement with nursing"?	"Generally speaking, I	am very s	atisfied
		Frequency	%	Valid %
Valid	Strongly Disagree	2	2.7%	5.1%
	Disagree	7	9.3%	17.9%
	Neither Agree Nor Disagree	11	14.7%	28.2%
	Agree	11	14.7%	28.2%
	Strongly Agree	8	10.7%	20.5%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
pital and	Long-Term Care Out-of-State Questionna 50. How would you rate the statement		quitting no	ursing"?
pital and	-		quitting no	ursing"? Valid %
pital and Valid	-	"I frequently think of		•
	50. How would you rate the statement	"I frequently think of Frequency	%	Valid %
	50. How would you rate the statement Strongly Disagree	"I frequently think of Frequency	13.3%	Valid %
	50. How would you rate the statement Strongly Disagree Disagree	"I frequently think of Frequency 10 10	% 13.3% 13.3%	Valid % 25.6% 25.6%
	Strongly Disagree Disagree Neither Agree Nor Disagree	"I frequently think of Frequency 10 10 7	% 13.3% 13.3% 9.3%	Valid % 25.6% 25.6% 17.9%
	Strongly Disagree Disagree Neither Agree Nor Disagree Agree	"I frequently think of Frequency 10 10 7 8	% 13.3% 13.3% 9.3% 10.7%	Valid % 25.6% 25.6% 17.9% 20.5%
	Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree	"I frequently think of Frequency 10 10 7 8 4	% 13.3% 13.3% 9.3% 10.7% 5.3%	Valid % 25.6% 25.6% 17.9% 20.5% 10.3%
Valid	Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Total	"I frequently think of Frequency 10 10 7 8 4 39	% 13.3% 13.3% 9.3% 10.7% 5.3% 52.0%	Valid % 25.6% 25.6% 17.9% 20.5% 10.3%
Valid	Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Total Skip, Not Employed in Nursing	"I frequently think of Frequency 10 10 7 8 4 39	% 13.3% 13.3% 9.3% 10.7% 5.3% 52.0%	Valid % 25.6% 25.6% 17.9% 20.5% 10.3%

	51. How would you rate the statement work I do in nursing"?	"I am generally satisfic	ed with the	e kind of
		Frequency	%	Valid %
Valid	Strongly Disagree	1	1.3%	2.6%
	Disagree	2	2.7%	5.1%
	Neither Agree Nor Disagree	8	10.7%	20.5%
	Agree	22	29.3%	56.4%
	Strongly Agree	6	8.0%	15.4%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total	Long-Term Care Out-of-State Questionna		ob are cati	ofied
	Long-Term Care Out-of-State Questionna 52. How would you rate the statement with nursing"?		ob are sati	sfied
	52. How would you rate the statement		ob are sati %	sfied Valid %
	52. How would you rate the statement	"Most people on this j		Valid %
pital and	52. How would you rate the statement with nursing"?	"Most people on this jo Frequency	%	
pital and	52. How would you rate the statement with nursing"? Strongly Disagree	"Most people on this jo Frequency	% 5.3%	Valid % 10.3% 20.5%
pital and	52. How would you rate the statement with nursing"? Strongly Disagree Disagree	"Most people on this junction of the second	% 5.3% 10.7%	Valid % 10.3% 20.5% 28.2%
pital and	52. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree	"Most people on this jo Frequency 4 8 11	5.3% 10.7% 14.7%	Valid % 10.3% 20.5% 28.2% 35.9%
pital and	52. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree	"Most people on this jo Frequency 4 8 11 14	5.3% 10.7% 14.7% 18.7%	Valid %
pital and	52. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree	"Most people on this jo Frequency 4 8 11 14 2	5.3% 10.7% 14.7% 18.7% 2.7%	Valid % 10.3% 20.5% 28.2% 35.9% 5.1%
pital and Valid	52. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Total	"Most people on this junction of the second	5.3% 10.7% 14.7% 18.7% 2.7% 52.0%	Valid % 10.3% 20.5% 28.2% 35.9% 5.1%
pital and Valid	52. How would you rate the statement with nursing"? Strongly Disagree Disagree Neither Agree Nor Disagree Agree Strongly Agree Total Skip, Not Employed in Nursing	"Most people on this juntary of the second o	5.3% 10.7% 14.7% 18.7% 2.7% 52.0%	Valid % 10.3% 20.5% 28.2% 35.9% 5.1%

	53. How would you rate the statement nursing"?	"People in this job oft	en think o	f quitting
		Frequency	%	Valid %
Valid	Strongly Disagree	2	2.7%	5.1%
	Disagree	12	16.0%	30.8%
	Neither Agree Nor Disagree	10	13.3%	25.6%
	Agree	8	10.7%	20.5%
	Strongly Agree	5	6.7%	12.8%
	Don't Know	2	2.7%	5.1%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	nire		
	54. I would not leave nursing.	Frequency	%	Valid 9
Valid	Checked	7	9.3%	17.9%
	Not Checked	32	42.7%	82.1%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	nire		
	54. I would leave nursing because I fee	I burned out from nurs Frequency	•	Valid %
Valid	Checked	11	14.7%	28.2%
vanu	Not Checked	28	37.3%	71.8%
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	1.0 12110 11 01	9	1.070	
	Total	36	48.0%	

	54. I would leave nursing because I fee	I unsupported as a nur	se.	
		Frequency	%	Valid %
Valid	Checked	10	13.3%	25.6%
	Not Checked	29	38.7%	74.4%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna			
	54. I would leave nursing because I am			
		Frequency	%	Valid 9
Valid	Checked	13	17.3%	33.3%
	Not Checked	26	34.7%	66.7%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna			
	54. I would leave nursing for a better s	alary outside nursing. Frequency	%	Valid %
Valid	Checked	9	12.0%	23.1%
· alla	Not Checked	30	40.0%	76.9%
	Total	39	52.0%	100.09
Missing	Strip Not Employed in Nursing	33	44.0%	
minoomia	Skip, Not Employed in Nursing No Answer	33	4.0%	
		36	48.0%	
	Total			

	54. I would leave nursing for better ma	nagement support.		
		Frequency	%	Valid %
Valid	Checked	7	9.3%	17.9%
	Not Checked	32	42.7%	82.1%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing for better adv	vancement opportunit	ies.	
		Frequency	%	Valid %
Valid	Checked	4	5.3%	10.3%
	Not Checked	35	46.7%	89.7%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing because I am assistive personnel.	concerned with deleg	ation to ur	ılicensed
		Frequency	%	Valid %
Valid	Checked	4	5.3%	10.3%
	Not Checked	35	46.7%	89.7%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	NO Allswei			

	54. I would leave nursing because I fee	I overworked.		
		Frequency	%	Valid %
Valid	Checked	9	12.0%	23.19
	Not Checked	30	40.0%	76.9%
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna			
	54. I would leave nursing because I am		-	
		Frequency	%	Valid 9
Valid	Checked	1	1.3%	2.69
	Not Checked	38	50.7%	97.49
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna			
	54. I would leave nursing because I nee	ed more autonomy. Frequency	%	Valid 9
Valid	Checked	4	5.3%	10.39
	Not Checked	35	46.7%	89.79
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	

	54. I would leave nursing because I nee	ed more respect.		
		Frequency	%	Valid %
Valid	Checked	7	9.3%	17.9%
	Not Checked	32	42.7%	82.1%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing because I pla			
		Frequency	%	Valid %
Valid	Checked	11	14.7%	28.2%
	Not Checked	28	37.3%	71.8%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing for a better w	vork schedule outside	•	
		Frequency	%	Valid %
Valid	Checked	7	9.3%	17.9%
	Not Checked	32	42.7%	82.1%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
		36	48.0%	

	54. I would leave nursing because I am	concerned with injury	to self.	
		Frequency	%	Valid %
Valid	Checked	5	6.7%	12.8%
	Not Checked	34	45.3%	87.2%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing because I see	k more challenging w	ork.	
		Frequency	%	Valid 9
Valid	Checked	3	4.0%	7.7%
	Not Checked	36	48.0%	92.3%
	Total	39	52.0%	100.0%
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionna	ire		
	54. I would leave nursing for some other	er reason. Frequency	%	Valid %
Valid	Checked	5	6.7%	12.89
vana	Not Checked	34	45.3%	87.2%
	Total	39	52.0%	100.09
Missing	Skip, Not Employed in Nursing	33	44.0%	
	No Answer	3	4.0%	
	Total	36	48.0%	
Total		75	100.0%	

	58. What is your marital status?			
	.	Frequency	%	Valid 9
Valid	Married or Cohabitating	58	77.3%	81.79
	Single	3	4.0%	4.29
	Divorced	8	10.7%	11.39
	Widowed	2	2.7%	2.89
	Total	71	94.7%	100.09
Missing	No Answer	4	5.3%	
	Total	4	5.3%	
Total		75	100.0%	
pital and I	Long-Term Care Out-of-State Questionnair	-e		
	59. What is the highest level of education			-
** ** *		Frequency	%	Valid 9
Valid	Less Than High School	2	2.7%	3.49
	High School Grad or GED	9	12.0%	15.39
	Some College or Associates Degree	23	30.7%	39.09
	Bachelors Degree	15	20.0%	25.49
	Graduate or Professional Degree	9	12.0%	15.39
	Other Total	1 59	1.3% 78.6%	1.79
	Total	39	76.6%	100.0
Missing	Skip	13	17.3%	
	No Answer	3	4.0%	
	Total	16	21.3%	
Total		75	100.0%	
pital and I	Long-Term Care Out-of-State Questionnair			
	60. Was your spouse or partner employe	d during the referency Frequency	ce period?	Valid 9
Valid	Yes	40	53.3%	70.29
	No	17	22.7%	29.89
	Total	57	76.0%	100.09
Missing	Skip	13	17.3%	
	No Answer	5	6.7%	
	Total	18	24.0%	

	63. Do you have dependents living	Frequency	%	Valid 9
Valid	No	49	65.3%	70.0%
vana	Yes	21	28.0%	30.09
	Total	70	93.3%	100.09
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Question	onnaire		
	64. Do you provide care for your p		=	
77 11 1		Frequency	12.0%	Valid 9
Valid	Yes	10	13.3%	14.19
	No Total	61 71	81.3% 94.7%	85.9% 100.0 %
	Total	71	94.7%	100.07
Missing	No Answer	4	5.3%	
	Total	4	5.3%	
Total		75	100.0%	
	Long-Term Care Out-of-State Question 66. What was the total pre-tax income	onnaire		
	-	onnaire		-
	66. What was the total pre-tax inc	onnaire		
	66. What was the total pre-tax inc	onnaire ome in your household in t	the past 12	Valid %
pital and	66. What was the total pre-tax incomonths?	onnaire ome in your household in t Frequency	the past 12	Valid 9
pital and	66. What was the total pre-tax incomonths? Less than \$20,000	onnaire ome in your household in t Frequency 4	the past 12 % 5.3%	Valid 9 6.19 4.59
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000	onnaire ome in your household in the Frequency 4 3	% 5.3% 4.0%	Valid 9 6.19 4.59 7.69
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999	onnaire ome in your household in the Frequency 4 3 5	% 5.3% 4.0% 6.7%	Valid 9 6.19 4.59 7.69
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999	onnaire ome in your household in the Frequency 4 3 5 5	% 5.3% 4.0% 6.7%	Valid 9 6.19 4.59 7.69 9.19
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999	onnaire ome in your household in the Frequency 4 3 5 5 6	% 5.3% 4.0% 6.7% 6.7% 8.0%	Valid 9 6.19 4.59 7.69 7.69 9.19
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999	ponnaire ome in your household in the second secon	5.3% 4.0% 6.7% 6.7% 8.0% 8.0%	Valid 9 6.19 4.59 7.69 7.69 9.19 9.19 16.79
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999	prinaire ome in your household in the second secon	5.3% 4.0% 6.7% 8.0% 8.0% 14.7% 8.0% 16.0%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999	ponnaire ome in your household in the second secon	5.3% 4.0% 6.7% 6.7% 8.0% 14.7% 8.0% 16.0% 4.0%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29 4.59
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999	prinaire ome in your household in the second secon	5.3% 4.0% 6.7% 6.7% 8.0% 14.7% 8.0% 14.0% 1.3%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29 4.59 1.59
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more	ponnaire ome in your household in the second secon	5.3% 4.0% 6.7% 8.0% 14.7% 8.0% 16.0% 4.0% 1.3% 5.3%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29 4.59 6.19
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999	prinaire ome in your household in the second secon	5.3% 4.0% 6.7% 6.7% 8.0% 14.7% 8.0% 14.0% 1.3%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29 4.59 6.19
pital and	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more	prinaire ome in your household in the second secon	5.3% 4.0% 6.7% 8.0% 14.7% 8.0% 16.0% 4.0% 1.3% 5.3%	Valid 9 6.19 4.59 7.69 9.19 16.79 9.19 18.29 4.59 6.19 100.09
pital and Valid	66. What was the total pre-tax incomonths? Less than \$20,000 \$20,000 to \$29,000 \$30,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$69,999 \$70,000 to \$79,999 \$80,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more Total	prinaire ome in your household in the second	5.3% 4.0% 6.7% 6.7% 8.0% 14.7% 8.0% 16.0% 4.0% 1.3% 5.3% 88.0%	Valid 9 6.19 4.59 7.69 7.69 9.19 16.79 9.19 18.29 4.59 6.19

	68. Of the following reasons, which one current community?	best describes why y	ou live in y	our/
		Frequency	%	Valid %
Valid	Existing Job	9	12.0%	12.9%
	Proximity to School or Work	2	2.7%	2.9%
	Spouse or Partner Job	14	18.7%	20.0%
	Cost of Living/Affordable Housing	8	10.7%	11.4%
	Proximity to Natural Amenities	4	5.3%	5.7%
	Proximity to Family	18	24.0%	25.7%
	Other	12	16.0%	17.1%
	Multiple Reasons Chosen	3	4.0%	4.3%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
	Long-Term Care Out-of-State Questionnai	re		
	69. How much do you agree or disagree to this community and cannot leave."		atement: "	I am tied
	69. How much do you agree or disagree		atement: "	I am tied Valid %
Valid	69. How much do you agree or disagree	with the following st		
Valid	69. How much do you agree or disagree to this community and cannot leave."	with the following sta	%	Valid %
Valid	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree	with the following sta Frequency 6	% 8.0%	Valid % 8.5%
Valid	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree Agree	Frequency 6 11	8.0% 14.7%	Valid % 8.5% 15.5% 18.3%
Valid	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree Agree Neither Agree Nor Disagree	Frequency 6 11 13	8.0% 14.7% 17.3%	Valid % 8.5% 15.5% 18.3% 23.9%
Valid	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree Agree Neither Agree Nor Disagree Disagree	Frequency 6 11 13	8.0% 14.7% 17.3% 22.7%	Valid % 8.5% 15.5%
Valid	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree Agree Neither Agree Nor Disagree Disagree Strongly Disagree	Frequency 6 11 13 17 24	8.0% 14.7% 17.3% 22.7% 32.0%	Valid % 8.5% 15.5% 18.3% 23.9% 33.8%
	69. How much do you agree or disagree to this community and cannot leave." Strongly Agree Agree Neither Agree Nor Disagree Disagree Strongly Disagree Total	Frequency 6 11 13 17 24	8.0% 14.7% 17.3% 22.7% 32.0% 94.7%	Valid % 8.5% 15.5% 18.3% 23.9% 33.8%

	71. How would you rate your current co	mmunity for econom	ic opportui	nities?
		Frequency	%	Valid 9
Valid	Very Dissatisfied	10	13.3%	14.39
	Dissatisfied	11	14.7%	15.79
	Neither Satisfied Nor Dissatisfied	17	22.7%	24.39
	Satisfied	19	25.3%	27.19
	Very Satisfied	8	10.7%	11.49
	Don't Know	5	6.7%	7.19
	Total	70	93.3%	100.09
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai	re		
	72. How would you rate your current co	mmunity for proximi Frequency	ty to famil %	y? Valid %
Valid	Very Dissatisfied	10	13.3%	14.59
·	Dissatisfied	11	14.7%	15.99
	Neither Satisfied Nor Dissatisfied	14	18.7%	20.39
	Satisfied	19	25.3%	27.59
	Very Satisfied	15	20.0%	21.79
	Total	69	92.0%	100.09
Missing	No Answer	6	8.0%	
	Total	6	8.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai	re		
	73. How would you rate your current co	_	•	Valid
Volid	Vory Dissetisfied	Frequency	4.0%	Valid 9
Valid	Very Dissatisfied Dissatisfied	3 14	4.0% 18.7%	4.39 20.09
	Neither Satisfied Nor Dissatisfied			34.39
	Neither Satisfied Nor Dissatisfied Satisfied	24	32.0% 37.3%	40.09
		28		1.49
	Very Satisfied Total	1 70	1.3% 93.3%	1.49
	iotai	70	73.370	100.07
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	

Valid		_		
Valid	-	Frequency	%	Valid 9
	Dissatisfied	3	4.0%	4.3%
	Neither Satisfied Nor Dissatisfied	22	29.3%	31.4%
	Satisfied	32	42.7%	45.7%
	Very Satisfied	13	17.3%	18.6%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and l	Long-Term Care Out-of-State Questionnain	re		
	75. How would you rate your current co	mmunity for urban cl Frequency	haracter? %	Valid 9
Valid	Very Dissatisfied	5	6.7%	7.2%
	Dissatisfied	9	12.0%	13.0%
	Neither Satisfied Nor Dissatisfied	27	36.0%	39.1%
	Satisfied	16	21.3%	23.2%
	Very Satisfied	4	5.3%	5.8%
	Don't Know	8	10.7%	11.6%
	Total	69	92.0%	100.0%
Missing	No Answer	6	8.0%	
	Total	6	8.0%	
Total		75	100.0%	
pital and l	Long-Term Care Out-of-State Questionnain			
	76. How would you rate your current con	mmunity for housing Frequency	? %	Valid %
Valid	Very Dissatisfied	4	5.3%	5.7%
	Dissatisfied	9	12.0%	12.9%
	Neither Satisfied Nor Dissatisfied	20	26.7%	28.6%
	Satisfied	31	41.3%	44.3%
	Very Satisfied	6	8.0%	8.6%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	

	77. How would you rate your current cor	mmunity for public s	afety servi	ces?
		Frequency	%	Valid %
Valid	Very Dissatisfied	2	2.7%	2.9%
	Dissatisfied	5	6.7%	7.1%
	Neither Satisfied Nor Dissatisfied	20	26.7%	28.6%
	Satisfied	35	46.7%	50.0%
	Very Satisfied	6	8.0%	8.6%
	Don't Know	2	2.7%	2.9%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnaii 78. How would you rate your current co	re		
pital and	Long-Term Care Out-of-State Questionnain 78. How would you rate your current conference at the conference of the confere	re		
pital and	78. How would you rate your current co	re		Valid %
pital and Valid	78. How would you rate your current co	re mmunity in terms of	parks and	
	78. How would you rate your current correcteation/natural amenities?	re mmunity in terms of Frequency	parks and %	4.3%
	78. How would you rate your current correcreation/natural amenities? Very Dissatisfied	re mmunity in terms of Frequency	parks and % 4.0%	4.3% 8.6%
	78. How would you rate your current corrected amenities? Very Dissatisfied Dissatisfied	re mmunity in terms of Frequency 3 6	parks and % 4.0% 8.0%	4.3% 8.6% 14.3%
	78. How would you rate your current correcreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	re mmunity in terms of Frequency 3 6 10	parks and % 4.0% 8.0% 13.3%	4.3% 8.6% 14.3% 50.0%
	78. How would you rate your current corrected in a second correcte	Frequency 3 6 10 35	parks and % 4.0% 8.0% 13.3% 46.7%	4.3% 8.6% 14.3% 50.0% 21.4%
	78. How would you rate your current correcreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	Frequency 3 6 10 35	94.0% 8.0% 13.3% 46.7% 20.0%	Valid % 4.3% 8.6% 14.3% 50.0% 21.4% 1.4% 100.0%
	78. How would you rate your current correcreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	Frequency 3 6 10 35 15	94.0% 8.0% 13.3% 46.7% 20.0% 1.3%	4.3% 8.6% 14.3% 50.0% 21.4%
Valid	78. How would you rate your current correcreation/natural amenities? Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	Frequency 3 6 10 35 15 1 70	94.0% 8.0% 13.3% 46.7% 20.0% 1.3% 93.3%	4.3% 8.6% 14.3% 50.0% 21.4%

	79. How would you rate your current co	mmunity in terms of	education	(14-12):
		Frequency	%	Valid %
Valid	Very Dissatisfied	4	5.3%	5.8%
	Dissatisfied	5	6.7%	7.2%
	Neither Satisfied Nor Dissatisfied	15	20.0%	21.7%
	Satisfied	23	30.7%	33.3%
	Very Satisfied	12	16.0%	17.4%
	Don't Know	10	13.3%	14.5%
	Total	69	92.0%	100.0%
Missing	No Answer	6	8.0%	
	Total	6	8.0%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai 80. How would you rate your current co	mmunity in terms of	access to p	oost-
pital and	•	mmunity in terms of	access to p	oost-
pital and	80. How would you rate your current co	mmunity in terms of	access to p	
pital and Valid	80. How would you rate your current co	mmunity in terms of ing education?		Valid %
	80. How would you rate your current co secondary education, including continu	mmunity in terms of ling education? Frequency	%	valid % 5.7% 14.3%
	80. How would you rate your current co secondary education, including continu	mmunity in terms of ing education? Frequency 4	% 5.3%	Valid % 5.7%
	80. How would you rate your current co secondary education, including continu Very Dissatisfied Dissatisfied	mmunity in terms of ling education? Frequency 4 10	% 5.3% 13.3%	Valid % 5.7% 14.3%
	80. How would you rate your current co secondary education, including continu Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied	mmunity in terms of ling education? Frequency 4 10 15	% 5.3% 13.3% 20.0%	Valid % 5.7% 14.3% 21.4%
	80. How would you rate your current co secondary education, including continu Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied	rmmunity in terms of ling education? Frequency 4 10 15 27	% 5.3% 13.3% 20.0% 36.0%	Valid % 5.7% 14.3% 21.4% 38.6%
	80. How would you rate your current co secondary education, including continuation. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied	remmunity in terms of sing education? Frequency 4 10 15 27 9	5.3% 13.3% 20.0% 36.0% 12.0%	Valid % 5.7% 14.3% 21.4% 38.6% 12.9%
	80. How would you rate your current co secondary education, including continuation. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know	remmunity in terms of sing education? Frequency 4 10 15 27 9 5	5.3% 13.3% 20.0% 36.0% 12.0% 6.7%	Valid % 5.7% 14.3% 21.4% 38.6% 12.9% 7.1%
Valid	80. How would you rate your current co secondary education, including continuation. Very Dissatisfied Dissatisfied Neither Satisfied Nor Dissatisfied Satisfied Very Satisfied Don't Know Total	rmmunity in terms of sing education? Frequency 4 10 15 27 9 5 70	5.3% 13.3% 20.0% 36.0% 12.0% 6.7% 93.3%	Valid % 5.7% 14.3% 21.4% 38.6% 12.9% 7.1%

	81. How would you rate your current co	mmunity in terms of	day care s	ervices?
		Frequency	%	Valid %
Valid	Very Dissatisfied	3	4.0%	4.3%
	Dissatisfied	3	4.0%	4.3%
	Neither Satisfied Nor Dissatisfied	25	33.3%	36.2%
	Satisfied	7	9.3%	10.19
	Very Satisfied	1	1.3%	1.49
	Don't Know	30	40.0%	43.5%
	Total	69	92.0%	100.09
Missing	No Answer	6	8.0%	
	Total	6	8.0%	
Total		75	100.0%	
spital and	Long-Term Care Out-of-State Questionnai	re		
	82. How would you rate your current com	munity in terms of me Frequency	edical care	services? Valid %
Valid	Very Dissatisfied	11	14.7%	15.79
vanu	Dissatisfied	7	9.3%	10.09
	Neither Satisfied Nor Dissatisfied	16	21.3%	22.9%
	Satisfied Satisfied	30	40.0%	42.9%
	Very Satisfied	5	6.7%	7.19
	Don't Know	1	1.3%	1.49
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
Ö	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai	-e		
	83. How would you rate your current com	munity in terms of me Frequency	ental care s %	ervices? Valid %
Valid	Very Dissatisfied	7	9.3%	10.19
	Dissatisfied	12	16.0%	17.49
	Neither Satisfied Nor Dissatisfied	14	18.7%	20.39
	Satisfied	16	21.3%	23.29
	Very Satisfied	2	2.7%	2.99
	Don't Know	18	24.0%	26.19
	Total	69	92.0%	100.0%
Missing	No Answer	6	8.0%	
	Total	6	8.0%	

pitai ana	Long-Term Care Out-of-State Questionnai		matail abou	ning?
	84. How would you rate your current co	_	-	
37-11-1	War Discutt Cal	Frequency	10.7%	Valid 9
Valid	Very Dissatisfied	14	18.7%	20.0%
	Dissatisfied	22	29.3%	31.49
	Neither Satisfied Nor Dissatisfied	18	24.0%	25.7%
	Satisfied	12	16.0%	17.19
	Very Satisfied	4	5.3%	5.7%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai			
	85. How would you rate your current co entertainment?	mmunity in terms of	restaurant	:s/
		Frequency	%	Valid %
Valid	Very Dissatisfied	13	17.3%	18.6%
	Dissatisfied	22	29.3%	31.4%
	Neither Satisfied Nor Dissatisfied	13	17.3%	18.6%
	Satisfied	18	24.0%	25.7%
	Very Satisfied	4	5.3%	5.7%
	Total	70	93.3%	100.0%
Missing	No Answer	5	6.7%	
	Total	5	6.7%	
Total		75	100.0%	
pital and	Long-Term Care Out-of-State Questionnai	re		
	86. If given the opportunity, how likely from your current community?	would you be to mov	e away	
		Frequency	%	Valid %
Valid	Very Likely	20	26.7%	28.6%
	Likely	15	20.0%	21.4%
	Neither Likely Nor Unlikely	7	9.3%	10.0%
	Unlikely	10	13.3%	14.3%
	Very Unlikely	17	22.7%	24.3%
	Don't Know	1	1.3%	1.4%
	Total	70	93.3%	100.0%
		5	6.7%	
Missing	No Answer	· ·		
Missing	No Answer Total	5	6.7%	

Appendix C: Factor Analysis Results

Basically Speaking... What's a Regression Model?

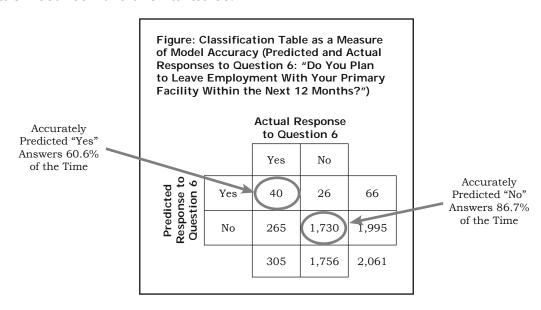
The *regression modeling* approach is useful when the goal is to learn how Y, the response variable, can be predicted from X, the covariate, or explanatory, variable. For example:

- X is a person's answer to Question 6: "Do you plan to leave employment with your primary facility within the next 12 months?" and Y is the person's age group.
- X is a person's answer to Question 6: "Do you plan to leave employment with your primary facility within the next 12 months?" and Y is whether the person went to high school in state or out of state.

The model is the mathematical formula used to calculate the likelihood that these various factors are correlated to the response variable, to a specific level of certainty.

Proportional Reduction in Error

Proportional reduction in error is the increased accuracy (i.e., reduction in error) in predicting the characteristics of the sample on one variable that one obtains if the values of a second variable are known, compared with not knowing the second variable. For example, we know that 97% of persons who have out-of-state social security numbers went to high school out of state. Knowing this, the chances of error in the prediction are reduced. The proportional reduction of error is related to the association between the two variables.¹



¹ Adapted from Fielding, J., and Gilbert, N. (2006). *Understanding social statistics (Glossary)* (2nd ed.). London: Sage Publications Ltd. Retrieved May 20, 2008, from http://www.soc.surrey.ac.uk/uss/glossary.html#P

Appendix C

Factor Analysis

by: Doug Leonard, Senior Economist

Exploratory factor analysis allows us to "identify the number and nature of the underlying factors responsible for the covariation in the data" (Hatcher, 1994, p. 59). The purpose of exploratory factor analysis in this case is to distill common factors from a wide array of variables. In other words, when we wish to determine which of the scaled items explain the same construct (or do not), we employ factor analysis.

This appendix contains the detailed final factor analysis results. We began by processing all scaled items using the SAS System's PROC FACTOR. We set some additional procedure options prior to the factor analysis, one of which was maximum likelihood factor (ML) extraction and the second was oblique factor rotation. We chose ML factor extraction because it is believed to provide better parameter estimates than other methods (Hatcher, 1994, p. 77). Oblique rotation means a linear transformation is performed on the original factors and that correlation among factors is allowed (e.g., factors are related). The first task in reviewing the results is to decide how many factors to retain in the analysis. To do this, we used the scree test (Cattell, 1966) in addition to qualitatively assessing the value of each potential factor. This test involves viewing the scree plot (see page 278) in the factor analysis results. On this plot, we looked for a point of inflection (e.g., bend). All factors above the inflection point (in addition to those deemed necessary) were retained in the analysis.

Once we optimized the number of factors, we then determined which scaled items were grouped into each factor. To do this, we grouped all scaled items into a factor where a variable's score had an absolute value of 0.3 or greater (see Rotated Factor Pattern [Standardized Regression Coefficients] on pages 282 and 292). Table 4 (see Chapter 1, page 20) displays the factors and their underlying scaled items. We retained Family Proximity as a distinct factor because it did not load on the other factors and the literature review indicated its theoretical relevance. Note that we performed two factor analyses, the first on the satisfaction items and the second on the community scaled items. Each is shown in a separate section of the appendix (see pages 277-286 and 286-294). From these two table set s we grouped the scaled items into the factors displayed in Table 1.

With the factor groupings set, we then attempted to model (predict) respondent answers to question 6 (the variable PRIM_LV), "Do you plan to leave employment with your primary facility in the next 12 months?" Since our dependent variable had two outcomes (binary), the problem was well suited to binary logistic regression.

References

Cattell, R.B. (1966). The scree test for the number of factors. *Multivariate Behavior Research*, 1, 245-276.

Hatcher, L. (1994). A step-by-step approach to using SAS for factor analysis and structural equation modeling. Cary, NC: SAS Institute.

Factor Analysis Tables

by: Doug Leonard, Senior Economist

Prior Communality Estimates: SMC										
Salary	Range	Benefits	Skills	Clerical	Non_nurs	Paper	Safety			
0.74016638	0.74775098	0.26908557	0.36369435	0.39516360	0.35480214	0.26824388	0.38119112			

Sched	Jb_secure	Advance	Nrs_spt	Admin_spt	Physician	Stf_int	Patients
0.30780832	0.37831994	0.47178132	0.41670852	0.46549491	0.31876708	0.39677925	0.26809548

ı	Patient_ed	Use_skills	New_skills	Cont_ed	Pat_care	Import
ı	0.35257185	0.52419967	0.66140215	0.54986482	0.50954165	0.46102780

Preiii	mınary Eigenvalu Eigenvalue	ies: Total = 20.67 Difference	76851 Average Proportion	= 0.93989478 Cumulative			
1	14.7472668	10.5715240	0.7132	0.7132			
2	4.1757428	2.4038155	0.2019	0.9151			
3	1.7719273	0.8605507	0.0857	1.0008			
4	0.9113766	0.1720952	0.0441	1.0449			
5	0.7392814	0.2515081	0.0358	1.0807			
6	0.4877733	0.1263696	0.0236	1.1043			
7	0.3614037	0.1896779	0.0175	1.1217			
8	0.1717258	0.0984357	0.0083	1.1300			
9	0.0732902	0.0323089	0.0035	1.1336			
10	0.0409812	0.0468940	0.0020	1.1356			
11	-0.0059127	0.0579719	-0.0003	1.1353			
12	-0.0638846	0.0652179	-0.0031	1.1322			
13	-0.1291025	0.0159544	-0.0062	1.1259			
14	-0.1450569	0.0386664	-0.0070	1.1189			
15	-0.1837233	0.0298655	-0.0089	1.1100			
16	-0.2135887	0.0483485	-0.0103	1.0997			
17	-0.2619372	0.0208478	-0.0127	1.0870			
18	-0.2827850	0.0396112	-0.0137	1.0734			
19	-0.3223963	0.0148438	-0.0156	1.0578			
20	-0.3372400	0.0635776	-0.0163	1.0415			
21	-0.4008176	0.0558215	-0.0194	1.0221			
22	-0.4566391		-0.0221	1.0000			
4 factors will be retained by the NFACTOR criterion.							

Iteration	Criterion	Ridge	Change					Commun	alities				
	Communalities												
	Communalities												
1	0.6656235	0.0000	0.1995	0.82593	0.88130	0.26634	0.34061	0.45653	0.46773	0.33406	0.40777	0.31309	0.34454
				0.42701	0.43850	0.46264	0.27701	0.37643	0.22883	0.33376	0.52869	0.86086	0.57639
				0.53902									0.48608
2	0.6575616	0.0000	0.0561	0.83702	0.87623	0.26041	0.34070	0.47078	0.48047	0.32853	0.40565	0.31263	0.35450
				0.41228	0.43299	0.46741	0.26990	0.36847	0.22510	0.33487	0.54245	0.91695	0.55383
	0.53208							0.48644					
3	0.6570111	0.0000	0.0187	0.83322	0.88020	0.25946	0.33783	0.47396	0.48194	0.32906	0.40499	0.31317	0.35951
				0.40933	0.43235	0.46886	0.26842	0.36703	0.22320	0.33421	0.54160	0.93567	0.54838
				0.52890									0.48616
4	0.6569762	0.0000	0.0041	0.83439	0.87901	0.25913	0.33690	0.47441	0.48199	0.32975	0.40481	0.31343	0.36165
				0.40908	0.43219	0.46933	0.26804	0.36673	0.22252	0.33432	0.54129	0.93978	0.54703
				0.52722				·			·		0.48589
5	0.6569734	0.0000	0.0010	0.83376	0.87964	0.25906	0.33660	0.47451	0.48186	0.33006	0.40477	0.31355	0.36228
				0.40910	0.43224	0.46947	0.26796	0.36664	0.22228	0.33441	0.54114	0.94074	0.54670
				0.52668									0.48571

Convergence criterion satisfied.

Significance Tests Based on 2,317 Observations									
Test	DF	Chi-Square	Pr > ChiSq						
H0: No common factors	231	21309.8849	<.0001						
HA: At least one common factor									
H0: 4 Factors are sufficient	149	1514.4331	<.0001						
HA: More factors are needed									

Chi-Square without Bartlett's Correction	1521.5504
Akaike's Information Criterion	1223.5504
Schwarz's Bayesian Criterion	367.0941
Tucker and Lewis's Reliability Coefficient	0.8996

Squared Canonical Correlations								
Factor1 Factor2 Factor3 Factor4								
0.96432378	0.90462221	0.79598535	0.54196596					

	Eigenvalue	Difference	Proportion	Cumulative
1	27.0298764	17.5452553	0.6498	0.6498
2	9.4846211	5.5830123	0.2280	0.8778
3	3.9016088	2.7183649	0.0938	0.9716
4	1.1832439	0.4630126	0.0284	1.0000
5	0.7202313	0.2529938	0.0173	1.0173
6	0.4672375	0.1124782	0.0112	1.0285
7	0.3547593	0.1479542	0.0085	1.0371
8	0.2068052	0.0795729	0.0050	1.0420
9	0.1272323	0.0457367	0.0031	1.0451
10	0.0814956	0.0727186	0.0020	1.0471
11	0.0087769	0.0126521	0.0002	1.0473
12	-0.0038752	0.0151255	-0.0001	1.0472
13	-0.0190007	0.0751418	-0.0005	1.0467
14	-0.0941425	0.0160859	-0.0023	1.0445
15	-0.1102284	0.0186807	-0.0026	1.0418
16	-0.1289091	0.0284650	-0.0031	1.0387
17	-0.1573741	0.0203750	-0.0038	1.0349
18	-0.1777491	0.1160031	-0.0043	1.0307
19	-0.2937523	0.0128412	-0.0071	1.0236
20	-0.3065935	0.0191543	-0.0074	1.0162
21	-0.3257478	0.0234232	-0.0078	1.0084
22	-0.3491710		-0.0084	1.0000

Factor Pattern	Factor Pattern									
		Factor1		Factor2		Factor3		Factor4		
Salary	Salary	59	*	-68	*	-14		4		
Range	Range	61	*	-70	*	-13		0		
Benefits	Benefits	43	*	-23		13		-9		
Skills	Skills	47	*	7		29		18		
Clerical	Clerical	46	*	-2		41	*	-31	*	
Non_nurs	Non_nurs	44	*	-6		33	*	-42	*	
Paper	Paper	34	*	-11		30		-34	*	
Safety	Safety	52	*	-1		37	*	-3		
Sched	Sched	45	*	-7		33	*	2		
Jb_secure	Jb_secure	49	*	-4		31	*	17		
Advance	Advance	63	*	-4		10		6		
Nrs_spt	Nrs_spt	52	*	6		31	*	24		
Admin_spt	Admin_spt	57	*	-4		38	*	0		
Physician	Physician	38	*	6		34	*	6		
Stf_int	Stf_int	46	*	1		39	*	1		
Patients	Patients	34	*	4		31	*	12		
Patient_ed	Patient_ed	49	*	2		27		-14		
Use_skills	Use_skills	68	*	24		-6		11		
New_skills	New_skills	87	*	37	*	-20		-3		
Cont_ed	Cont_ed	73	*	13		-3		-3		
Pat_care	Pat_care	56	*	8		41	*	19		
Import	Import	58	*	7		31	*	23		
Printed values are	multiplied by 1	00 and ro	uno	ded to the r	ıear	est integer				
*Indicates values g	reater than 0.3	3.								

Variance Explained by Each Factor									
Factor	Weighted	Unweighted							
Factor1	27.0298764	6.47650905							
Factor2	9.4846211	1.26407048							
Factor3	3.9016088	1.82186668							
Factor4	1.1832439	0.65674346							

Final Communality Estimates and Variable Weights									
Total Communality: Weighted = 41.599350 Unweighted = 10.219190									
Variable	Communality	Weight							
Salary	0.83376506	6.0154055							
Range	0.87964053	8.3086588							
Benefits	0.25902416	1.3496350							
Skills	0.33653529	1.5073950							
Clerical	0.47449975	1.9029884							
Non_nurs	0.48184732	1.9299814							
Paper	0.33013980	1.4926634							
Safety	0.40476547	1.6800287							
Sched	0.31358587	1.4567701							
Jb_secure	0.36245027	1.5680887							
Advance	0.40915401	1.6923323							
Nrs_spt	0.43226226	1.7613051							
Admin_spt	0.46950401	1.8849162							
Physician	0.26793800	1.3660392							
Stf_int	0.36663373	1.5788853							
Patients	0.22219680	1.2858041							
Patient_ed	0.33445673	1.5024354							
Use_skills	0.54116917	2.1793330							
New_skills	0.94073679	16.8734647							
Cont_ed	0.54668565	2.2060462							
Pat_care	0.52654756	2.1127396							
Import	0.48565144	1.9444282							

Obli	que Transformation Matrix								
	1	2	3	4					
1	0.15197461	0.66748959	0.30933276	0.10838879					
2	-0.0094243	0.73714217	-1.0230331	0.02196437					
3	1.04775082	-0.8391062	-0.3577938	0.38040743					
4	1.06370806	-0.2816467	0.13481343	-1.1822035					

Inter-Factor Correlations										
	Factor1		Factor2		Factor3		Factor4			
Factor1	100	*	64	*	40	*	57	*		
Factor2	64	*	100	*	39	*	35	*		
Factor3	40	*	39	*	100	*	38	*		
Factor4	57	*	35	*	38	*	100	*		

Printed values are multiplied by 100 and rounded to the nearest integer.

*Indicates values greater than 0.3.

		Factor1	Factor2	Factor3	Factor4
Salary	Salary	-1	0	93 *	-4
Range	Range	-4	1	95 *	1
Benefits	Benefits	11	4	31 *	20
Skills	Skills	56	* 7	-1	-5
Clerical	Clerical	17	4	-3	57
Non_nurs	Non_nurs	-3	9	2	67
Paper	Paper	0	-1	7	55
Safety	Safety	44	* 3	4	23
Sched	Sched	43	* -3	10	15
Jb_secure	Jb_secure	58	* -1	11	-3
Advance	Advance	27	29	21	3
Nrs_spt	Nrs_spt	66	* 6	2	-10
Admin_spt	Admin_spt	48	* 4	8	21
Physician	Physician	47	* 0	-6	10
Stf_int	Stf_int	49	* -1	-1	18
Patients	Patients	49	* -3	-3	2
Patient_ed	Patient_ed	21	15	2	32
Use_skills	Use_skills	16	65	* 0	-8
New_skills	New_skills	-11	103	* -4	6
Cont_ed	Cont_ed	4	62	* 10	11
Pat_care	Pat_care	72	* 4	-2	-1
Import	Import	66	* 11	3	-10

*Indicates values greater than 0.3.

Reference	Axis Correlations							
	Factor1	Factor2	Factor3	Factor4				
Factor1	100 *	-54 *	-10	-45 *				
Factor2	-54 *	100 *	-19	6				
Factor3	-10	-19	100 *	-20				
Factor4	-45 *	6	-20	100 *				

Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.

Reference Stru	Reference Structure (Semipartial Correlations)								
		Factor1		Factor2	Factor3		Factor4		
Salary	Salary	-1		0	82	*	-4		
Range	Range	-3		1	84	*	0		
Benefits	Benefits	7		3	27		16		
Skills	Skills	37	*	5	-1		-4		
Clerical	Clerical	11		3	-2		46 *		
Non_nurs	Non_nurs	-2		7	2		53 *		
Paper	Paper	0		-1	6		44 *		
Safety	Safety	29		2	3		18		
Sched	Sched	29		-2	9		12		
Jb_secure	Jb_secure	38	*	-1	9		-3		
Advance	Advance	18		22	18		2		
Nrs_spt	Nrs_spt	44	*	5	2		-8		
Admin_spt	Admin_spt	32	*	3	7		17		
Physician	Physician	31	*	0	-5		8		
Stf_int	Stf_int	33	*	-1	-1		15		
Patients	Patients	33	*	-3	-3		1		
Patient_ed	Patient_ed	14		11	2		26		
Use_skills	Use_skills	11		49	* 0		-6		
New_skills	New_skills	-7		78	* -4		5		
Cont_ed	Cont_ed	3		46	* 8		8		
Pat_care	Pat_care	48	*	3	-2		-1		
Import	Import	44	*	8	3		-8		
	Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.								

Variance Explained by Each Factor Eliminating Other Factors						
Factor	Weighted					
Factor1	2.7734603	1.57136264				
Factor2	11.3057417	1.13810607				
Factor3	10.1157990	1.52036771				
Factor4	1.6341979	0.91100444				

		Factor1	Factor2		Factor3		Factor4
Salary	Salary	34 *	34	*	91	*	30
Range	Range	35 *	35	*	94	*	34
Benefits	Benefits	37 *	29		44	*	39
Skills	Skills	58 *	41	*	23		30
Clerical	Clerical	51 *	34	*	27		67
Non_nurs	Non_nurs	42 *	32	*	30		69
Paper	Paper	34 *	21		27		57
Safety	Safety	60 *	41	*	31	*	51
Sched	Sched	54 *	34	*	32	*	42
Jb_secure	Jb_secure	59 *	39	*	32	*	34
Advance	Advance	55 *	55	*	44	*	36
Nrs_spt	Nrs_spt	65 *	46	*	27		31
Admin_spt	Admin_spt	65 *	45	*	37	*	53
Physician	Physician	51 *	32	*	17		35
Stf_int	Stf_int	59 *	37	*	26		46
Patients	Patients	47 *	28		16		28
Patient_ed	Patient_ed	50 *	41	*	28		50
Use_skills	Use_skills	54 *	73	*	29		25
New_skills	New_skills	57 *	97	*	33	*	34
Cont_ed	Cont_ed	54 *	72	*	39	*	39
Pat_care	Pat_care	72 *	49	*	28		40
Import	Import	69 *	51	*	31	*	33

*Indicates values greater than 0.3.

Variance Explained by Each Factor Ignoring Other Factors						
Factor	Weighted	Unweighted				
Factor1	17.4267007	6.40152659				
Factor2	24.2762415	4.86916547				
Factor3	17.2875127	3.61689624				
Factor4	9.8782155	4.01148376				

Final Communality Estimates and Variable Weights

Total Communality: Weighted = 41.599350 Unweighted = 10.219190

	3				
Variable	Communality	Weight			
Salary	0.83376506	6.0154055			
Range	0.87964053	8.3086588			
Benefits	0.25902416	1.3496350			
Skills	0.33653529	1.5073950			
Clerical	0.47449975	1.9029884			
Non_nurs	0.48184732	1.9299814			
Paper	0.33013980	1.4926634			
Safety	0.40476547	1.6800287			
Sched	0.31358587	1.4567701			
Jb_secure	0.36245027	1.5680887			
Advance	0.40915401	1.6923323			
Nrs_spt	0.43226226	1.7613051			
Admin_spt	0.46950401	1.8849162			
Physician	0.26793800	1.3660392			
Stf_int	0.36663373	1.5788853			
Patients	0.22219680	1.2858041			
Patient_ed	0.33445673	1.5024354			
Use_skills	0.54116917	2.1793330			
New_skills	0.94073679	16.8734647			
Cont_ed	0.54668565	2.2060462			
Pat_care	0.52654756	2.1127396			
Import	0.48565144	1.9444282			

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor						
Factor1	Factor2	Factor3	Factor4			
0.87903565	0.95196014	0.92995208	0.75002948			

Retention of Nurses in Wyoming

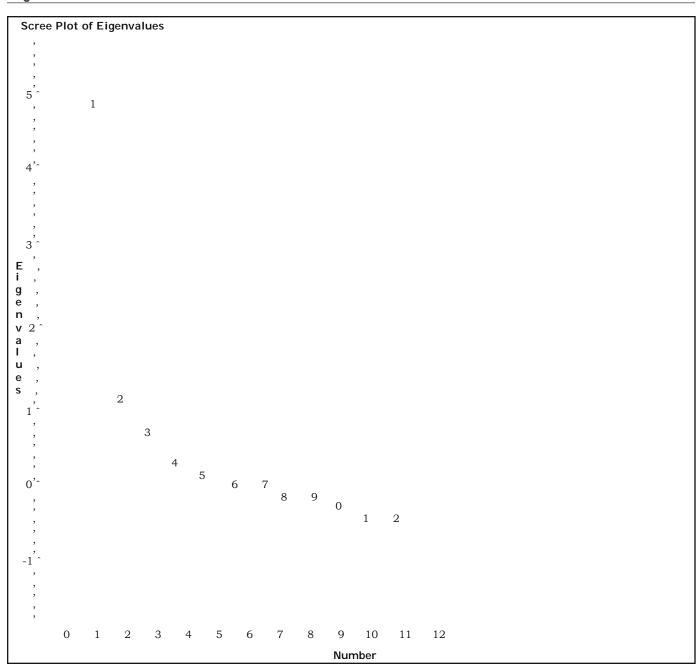
Standardized	Scoring Coefficien	nts			
		Factor1	Factor2	Factor3	Factor4
Salary	Salary	0.00176	0.01487	0.39173	-0.03968
Range	Range	-0.02845	0.01621	0.55211	0.04499
Benefits	Benefits	0.02044	0.00099	0.03043	0.06845
Skills	Skills	0.10283	0.01621	0.00048	-0.01398
Clerical	Clerical	0.04648	-0.00877	0.00244	0.27108
Non_nurs	Non_nurs	0.00242	-0.01091	0.00954	0.31803
Paper	Paper	0.00546	-0.01238	0.01081	0.20485
Safety	Safety	0.09189	0.00575	0.00727	0.10043
Sched	Sched	0.07704	0.00247	0.01189	0.05858
Jb_secure	Jb_secure	0.10889	0.01110	0.01297	-0.00599
Advance	Advance	0.06125	0.02915	0.02653	0.00862
Nrs_spt	Nrs_spt	0.14078	0.02181	0.00368	-0.03871
Admin_spt	Admin_spt	0.11273	0.00847	0.01433	0.10293
Physician	Physician	0.07869	0.00551	-0.00375	0.03894
Stf_int	Stf_int	0.09597	0.00382	0.00169	0.07703
Patients	Patients	0.07643	0.00499	-0.00158	0.00951
Patient_ed	Patient_ed	0.04375	0.00741	0.00521	0.12038
Use_skills	Use_skills	0.05911	0.07444	0.00330	-0.05982
New_skills	New_skills	-0.01346	0.80016	-0.01155	-0.03434
Cont_ed	Cont_ed	0.02928	0.06365	0.01906	0.03967
Pat_care	Pat_care	0.18370	0.02209	-0.00100	0.00169
Import	Import	0.15582	0.02849	0.00629	-0.04230

ſ	Prior Communality Estimates: SMC								
ı	Econ_opp	Fam_prox	Cost_liv	Rural	Housing	Educ_k12_	Post_sec		
ſ	0.18775115	0.05117283	0.34916385	0.15069987	0.38555944	0.20350486	0.24994455		

Daycare	Medical	Mental	Retail	Entertain
0.15371753	0.34161697	0.32288126	0.55948712	0.53024060

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Prelimin	ary Eigenvalues	: Total = 5.79142	715 Average = 0.	48261893			
	Eigenvalue	Difference	Proportion	Cumulative			
1	4.87857218	3.66885872	0.8424	0.8424			
2	1.20971347	0.48417078	0.2089	1.0513			
3	0.72554268	0.42456276	0.1253	1.1765			
4	0.30097993	0.22402161	0.0520	1.2285			
5	0.07695832	0.05286718	0.0133	1.2418			
6	0.02409114	0.05509960	0.0042	1.2460			
7	03100846	0.08828046	-0.0054	1.2406			
8	11928892	0.08017003	-0.0206	1.2200			
9	19945896	0.08965738	-0.0344	1.1856			
10	28911633	0.07539763	-0.0499	1.1356			
11	36451397	0.05652996	-0.0629	1.0727			
12	42104393		-0.0727	1.0000			
2 factors	2 factors will be retained by the PROPORTION criterion.						



Retention of Nurses in Wyoming

Iteration	Criterion	Ridge	Change			Comr	nunalities	Comm	nunalities				
1	0.4497041	0.0000	0.1298	0.20935 0.62634	0.03857	0.44705	0.16900	0.50441	0.15935	0.21705	0.14008	0.30643	0.28093 0.66008
2	0.4400663	0.0000	0.0475	0.20093	0.03646	0.48793	0.16164	0.52852	0.14181	0.19864	0.13155	0.27624	0.25827
				0.67385									0.66820
3	0.4389708	0.0000	0.0239	0.19742 0.66816	0.03586	0.49087	0.15806	0.54736	0.13435	0.19423	0.12739	0.26583	0.24959 0.69207
4	0.4388291	0.0000	0.0132	0.19626 0.68132	0.03539	0.50145	0.15746	0.54398	0.13269	0.19100	0.12683	0.26250	0.24717 0.68208
5	0.4387915	0.0000	0.0101	0.19590 0.67339	0.03547	0.49660	0.15665	0.55136	0.13157	0.19153	0.12598	0.26158	0.24628 0.69218
6	0.4387721	0.0000	0.0075	0.19578 0.68031	0.03528	0.50216	0.15689	0.54674	0.13168	0.19049	0.12628	0.26122	0.24616 0.68465
7	0.4387602	0.0000	0.0061	0.19576 0.67493	0.03540	0.49811	0.15653	0.55115	0.13134	0.19115	0.12591	0.26118	0.24602 0.69075
8	0.4387526	0.0000	0.0049	0.19574 0.67926	0.03529	0.50164	0.15677	0.54779	0.13153	0.19057	0.12617	0.26110	0.24607 0.68586
9	0.4387476	0.0000	0.0039	0.19574 0.67579	0.03537	0.49886	0.15654	0.55063	0.13135	0.19102	0.12594	0.26114	0.24601 0.68977
10	0.4387444	0.0000	0.0032	0.19573 0.67858	0.03530	0.50116	0.15671	0.54838	0.13148	0.19065	0.12612	0.26110	0.24605 0.68661
11	0.4387423	0.0000	0.0025	0.19573 0.67633	0.03536	0.49933	0.15657	0.55022	0.13137	0.19095	0.12597	0.26112	0.24601 0.68914
12	0.4387410	0.0000	0.0020	0.19573 0.67814	0.03531	0.50082	0.15668	0.54875	0.13146	0.19071	0.12609	0.26110	0.24604 0.68710
13	0.4387401	0.0000	0.0016	0.19573 0.67668	0.03535	0.49962	0.15659	0.54994	0.13138	0.19090	0.12600	0.26112	0.24602 0.68874
14	0.4387396	0.0000	0.0013	0.19573 0.67785	0.03532	0.50059	0.15666	0.54898	0.13144	0.19075	0.12607	0.26110	0.24603 0.68742
15	0.4387392	0.0000	0.0011	0.19573 0.67691	0.03534	0.49981	0.15660	0.54976	0.13139	0.19087	0.12601	0.26111	0.24602 0.68848
16	0.4387389	0.0000	0.0009	0.19573 0.67767	0.03532	0.50044	0.15665	0.54913	0.13143	0.19077	0.12606	0.26110	0.24603 0.68763

Convergence criterion satisfied.

Significance Tests Based on 2,317 Observations				
Test	DF	Chi-Square	Pr > ChiSq	
H0: No common factors	66	6140.7293	<.0001	
HA: At least one common factor				
H0: 2 Factors are sufficient	43	1013.4139	<.0001	
HA: More factors are needed				

Chi-Square without Bartlett's Correction	1016.1194
Akaike's Information Criterion	930.1194
Schwarz's Bayesian Criterion	682.9542
Tucker and Lewis's Reliability Coefficient	0.7548

Squared Canonical Correlations				
Factor1 Factor2				
0.86190424	0.66202770			

	Eigenvalues of the Weighted Reduced Correlation Matrix: Total = 8.20017338 Average = 0.68334778						
	Eigenvalue	Difference	Proportion	Cumulative			
1	6.24135174	4.28252937	0.7611	0.7611			
2	1.95882237	1.15721820	0.2389	1.0000			
3	0.80160418	0.56195835	0.0978	1.0978			
4	0.23964582	0.12622793	0.0292	1.1270			
5	0.11341790	0.09506002	0.0138	1.1408			
6	0.01835787	0.05736923	0.0022	1.1430			
7	03901135	0.05472063	-0.0048	1.1383			
8	09373199	0.05928235	-0.0114	1.1269			
9	15301434	0.06365315	-0.0187	1.1082			
10	21666749	0.08511917	-0.0264	1.0818			
11	30178666	0.06702802	-0.0368	1.0450			
12	36881468		-0.0450	1.0000			

Factor Patt	Factor Pattern						
		Factor1		Factor2			
Econ_opp	Econ_opp	44	*	8			
Fam_prox	Fam_prox	18		7			
Cost_liv	Cost_liv	42	*	57	*		
Rural	Rural	31	*	24			
Housing	Housing	48	*	57	*		
Educ_k12_	Educ_k12_	35	*	10			
Post_sec	Post_sec	44	*	0			
Daycare	Daycare	34	*	9			
Medical	Medical	51	*	5			
Mental	Mental	50	*	1			
Retail	Retail	79	*	-22			
Entertain	Entertain	76	*	-33	*		
Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.							

Variance Explained by Each Factor				
Factor	Weighted	Unweighted		
Factor1	6.24135174	2.86854929		
Factor2	1.95882237	0.88941936		

Final Communa	ility E	stima	tes ar	nd Vari	able
Weights					

Total Communality: Weighted = 8.200174 Unweighted = 3.757969

Uniweighted = 3.757969							
Variable	Communality	Weight					
Econ_opp	0.19573237	1.24336409					
Fam_prox	0.03533742	1.03661561					
Cost_liv	0.50035551	2.00175197					
Rural	0.15662225	1.18575137					
Housing	0.54921906	2.21795036					
Educ_k12_	0.13140384	1.15131971					
Post_sec	0.19084781	1.23574336					
Daycare	0.12602334	1.14424459					
Medical	0.26111377	1.35337177					
Mental	0.24602648	1.32631556					
Retail	0.67757007	3.10240213					
Entertain	0.68771674	3.20134285					

Oblique Transformation Matrix				
1 2				
1	0.9028737	0.16604356		
2	-0.751152	1.16268645		

Inter-Factor Correlations						
	Factor1 Factor2					
Factor1	100	*	52	*		
Factor2	52	*	100	*		

Printed values are multiplied by 100 and rounded to the nearest integer.
*Indicates values greater than 0.3.

Rotated Factor Pattern (Standardized Regression Coefficients)					
		Factor1		Factor2	
Econ_opp	Econ_opp	33	*	16	
Fam_prox	Fam_prox	11		11	
Cost_liv	Cost_liv	-5		73	*
Rural	Rural	10		33	*
Housing	Housing	1		74	*
Educ_k12_	Educ_k12_	24		18	
Post_sec	Post_sec	39	*	8	
Daycare	Daycare	25		16	
Medical	Medical	42	*	15	
Mental	Mental	44	*	10	
Retail	Retail	88	*	-13	
Entertain	Entertain	93	*	-25	
Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.					

Reference Axis Correlations				
Factor1 Factor2				
Factor1	100	*	-52 *	
Factor2	-52	*	100 *	
Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.				

Reference Structure (Semipartial Correlations)			
		Factor1	Factor2
ECON_OPP	ECON_OPP	28	14
FAM_PROX	FAM_PROX	9	9
COST_LIV	COST_LIV	-4	62 *
RURAL	RURAL	9	28
HOUSING	HOUSING	1	63 *
EDUC_K12_	EDUC_K12_	20	15
POST_SEC	POST_SEC	33 *	7
DAYCARE	DAYCARE	21	13
MEDICAL	MEDICAL	36 *	13
MENTAL	MENTAL	37 *	8
RETAIL	RETAIL	75 *	-11
ENTERTAIN	ENTERTAIN	79 *	-22
Printed values are multiplied by 100 and rounded to the nearest			

*Indicates values greater than 0.3.

Variance Explained by Each Factor Eliminating Other Factors				
Factor	Weighted Unweighted			
Factor1	4.48964031	1.75786979		
Factor2	2.04441788	1.01470049		

Factor Structure (Correlations)				
		Factor1	F	actor2
Econ_opp	Econ_opp	42	*	34 *
Fam_prox	Fam_prox	16		16
Cost_liv	Cost_liv	34	*	71 *
Rural	Rural	28		39 *
Housing	Housing	39	*	74 *
Educ_k12_	Educ_k12_	33	*	30 *
Post_sec	Post_sec	43	*	28
Daycare	Daycare	33	*	29
Medical	Medical	50	*	37 *
Mental	Mental	49	*	33 *
Retail	Retail	82	*	33 *
Entertain	Entertain	80	*	24
Printed values are multiplied by 100 and rounded to the nearest integer. *Indicates values greater than 0.3.				

Variance Explained by Each Factor Ignoring Other Factors				
Factor	Weighted Unweighted			
Factor1	6.15575623	2.74326816		
Factor2	3.71053381	2.00009886		

Final Communality Estimates and Variable Weights				
Total Communality:	Weighted = 8.200174 Unweighted = 3.757969			
Variable	Communality	Weight		
Econ_opp	0.19573237	1.24336409		
Fam_prox	0.03533742	1.03661561		
Cost_liv	0.50035551	2.00175197		
Rural	0.15662225	1.18575137		
Housing	0.54921906	2.21795036		
Educ_k12_	0.13140384	1.15131971		
Post_sec	0.19084781	1.23574336		
Daycare	0.12602334	1.14424459		
Medical	0.26111377	1.35337177		
Mental	0.24602648	1.32631556		
Retail	0.67757007	3.10240213		
Entertain	0.68771674	3.20134285		

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor				
Factor1 Factor2				
0.85790928 0.74378453				

Standardized Scoring Coefficients			
		Factor1	Factor2
Econ_opp	Econ_opp	0.06937	0.07308
Fam_prox	Fam_prox	0.02168	0.03388
Cost_liv	Cost_liv	0.06073	0.37013
Rural	Rural	0.03708	0.10732
Housing	Housing	0.08540	0.41963
Educ_k12_	Educ_k12_	0.04925	0.06559
Post_sec	Post_sec	0.07354	0.04909
Daycare	Daycare	0.04914	0.06049
Medical	Medical	0.09048	0.07990
Mental	Mental	0.08910	0.06248
Retail	Retail	0.36914	0.03678
Entertain	Entertain	0.38356	-0.05613