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University of Texas at El Paso School of Nursing

Assessment of Interest in LVN/BSN Survey

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Assessment of Interest in LVN/BSN Survey

The Institute for Policy and Economic Development (IPED) at the University of Texas at EI Paso (UTEP) was contracted by the UTEP School of Nursing to conduct an interest survey for a possible Licensed Vocational Nurse (LVN) to Bachelor of Science in Nursing (BSN) program. Respondents were asked directly if they were interested in participating in such a program. The goal of this research is to assess the interest of LVNs in participating in a program that would provide them with the opportunity to earn their BSN.

Survey questions were designed to determine the respondent's work experience as a LVN. The questions also provide insight on the respondent's experience with college courses. Respondents who indicated at least some willingness were also asked if they would require financial aid, child care, and whether they would be full- or part-time students. Respondents were also given the opportunity to provide comments on the possible program.

Methodology

The survey instrument was developed by IPED and UTEP School of Nursing staff. The survey consisted of multiple-choice and one open-ended question, the latter of which allowed respondents to provide comments, whether positive or negative, on the possible program. The survey was distributed via phone to registered LVNs in late April-early May 2007. Surveys were then mailed out in June 2007 to respondents who were not reached by telephone. A second wave of surveys was distributed in mid-July to respondents not reached by either phone or the first mail wave. Contacting individuals in multiple waves via both telephone and postal mail is a common method in survey research used to increase response rates and improve the probability that the results accurately represent the target population. Over the four-month period, 475 registered LVNs responded to the survey, 37.5% of the total population, which provides a margin of error of 4.6 percent (+ or -). Response rates in the region for similar surveys hover at between 9-20%.

Overview of Survey Responses¹

The majority of those responding to the survey:

- ✓ Indicated interest in participating in a LVN to BSN program;
- ✓ Already have more than 20 hours of college credit;
- ✓ Would attend classes full-time:
- ✓ Completed their LVN education more than 7 years ago.

¹ The survey can be found in Appendix A; the statistical results reference can be found in Appendix B.

Background of Respondents

The survey sample was gathered from a list provided by the Board of Nurse Examiners for the State of Texas. In regards to their experience as LVNs, respondents were first asked how long ago they completed their LVN education and then about how much experience they had as LVNs. As Figure 1 shows, the majority of respondents (58.6%) had completed their LVN education more than 7 years ago; less than one-third of respondents (32.5%) indicated having completed their LVN education less than 4 years ago.

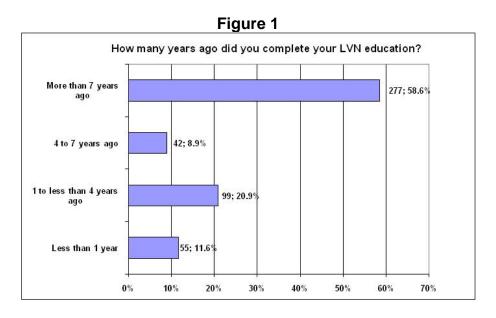
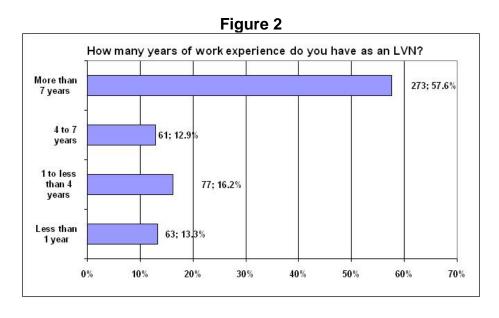
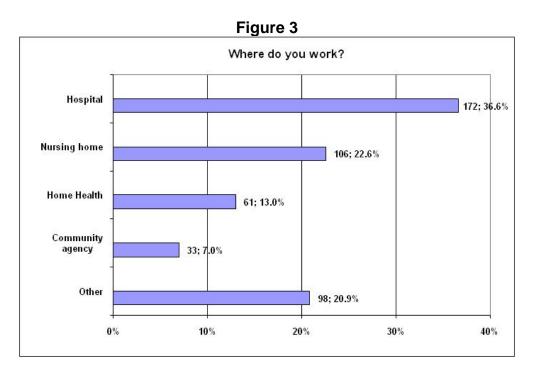


Figure 2 shows how responses to work experience as an LVN were similar to responses on completion of LVN education. The majority of respondents (57.6%) had more than 7 years of work experience as an LVN. Further, 29.5% of respondents had less than 4 years of work experience as LVNs.

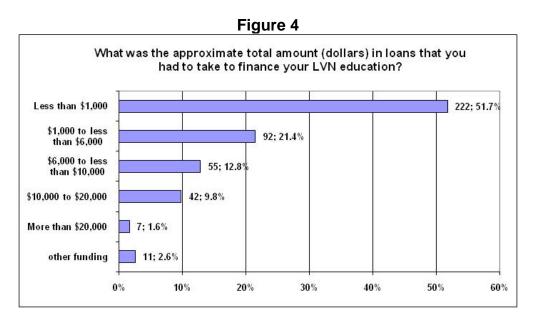


Respondents were next asked about their current employment situation; the responses are shown below in Figure 3. "Other" responses included, but are not limited to, public schools, the military, and clinics. Some respondents (5.9%) indicated having more than one job.



LVN Education Experience of Respondents

Respondents were asked about their educational experience while pursuing their LVN certifications. The first question asked the respondent about the cost of their LVN education, specifically the dollar amount of loans the respondent took to finance their LVN education (Figure 4). Most respondents (51.7%) reported taking less than \$1,000 in loans to finance their LVN education, and nearly one-fifth (21.4%) took \$1,000 to less than \$6,000 (respondents were also asked if they would require financial aid for a LVN to BSN program; those responses will be discussed in a later section). Responses for "other" included the G.I. Bill.



Next, the respondent was asked if they completed the majority of their LVN program as a full- or part-time student (Figure 5). While this question can serve as an indicator of whether respondents would enroll as full- or part-time students, many respondents completed their LVN programs more than 7 years ago, so their circumstances may have changed. Results indicate that 94.3% of respondents completed their LVN programs as full-time students. The respondent was also asked if they worked outside of school while enrolled in their LVN program (Figure 6). This question could gauge whether the respondent would desire or be able to maintain employment while attending classes. Finally, respondents were asked about college credit hours, whether they had any and if so, how many they had. Of the 80.4% who have college credit hours, 81.8% have more than 20 hours (Figure 7). During the survey, some respondents stated not being RNs because they did not pass the qualifying exam.

Figure 5

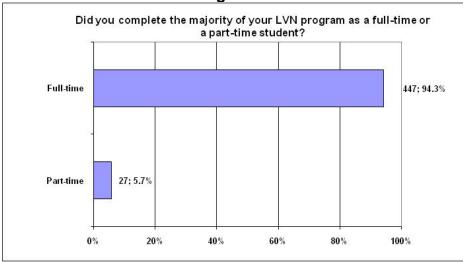


Figure 6

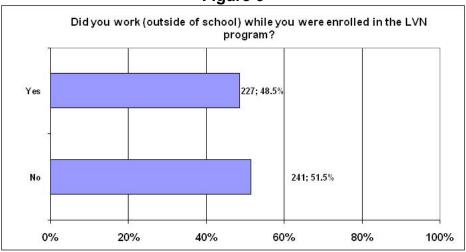
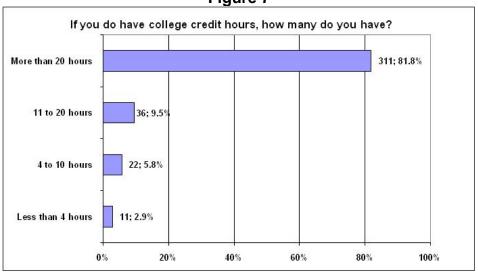
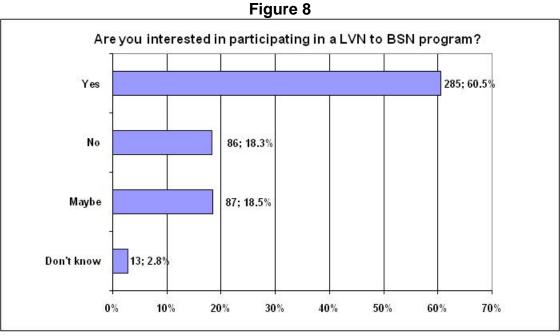


Figure 7



Interest in Participating in a LVN to BSN Program

The final battery of questions sought to gauge interest in a LVN to BSN program. Further, the questions sought to get an idea of what characteristics the respondent would like to see in the program, such as offering financial aid, childcare, and online classes. Another question asked respondents if they would attend classes full-time, which may guide the scheduling of courses. When asked about their interest in participating in a LVN to BSN program, 60.5% of those responding indicated they were interested (Figure 8). Another 18.5% answered "maybe" to this question.



The following questions sought which characteristics respondents would like to see in a LVN to BSN program and were only asked to those respondents who answered "yes" or "maybe" when asked if they are interested in participating in a LVN to BSN program. Over half of these respondents (55.9%) indicated they would require financial aid if participating in the program, with another 22% "unsure" (Figure 9). When asked if they required childcare, only 13.4% of those responding indicated needing childcare if participating in the program (Figure 10). Respondents were also asked if they would attend classes full-time if participating in the program. About one-half (51.3%) indicated they would attend full-time and a quarter (25.6%) was unsure about attending full-time (Figure 11). Finally, to explore the possibilities of offering classes online, respondents were asked if they had experience with online classes and whether they owned a computer with Internet access. Roughly three-fifths (61.3%) of respondents reported not having experience with online classes (Figure 12), but nearly 9 out of 10 respondents (88.2%) claimed to own a computer with Internet access (Figure 13).

Figure 9

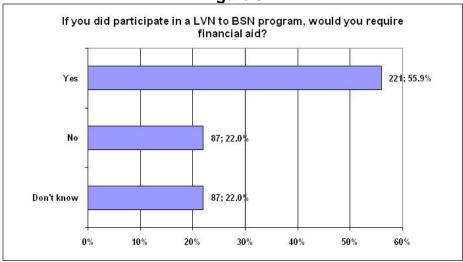


Figure 10

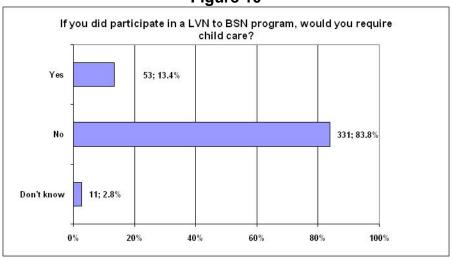


Figure 11

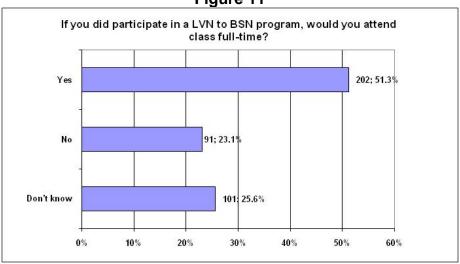


Figure 12

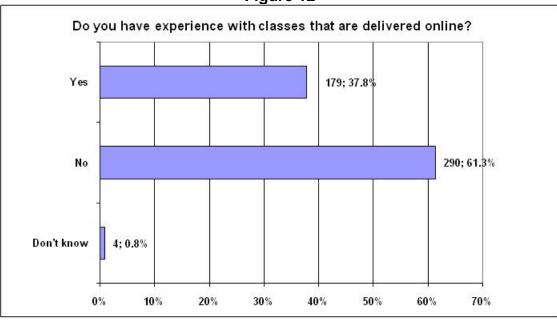
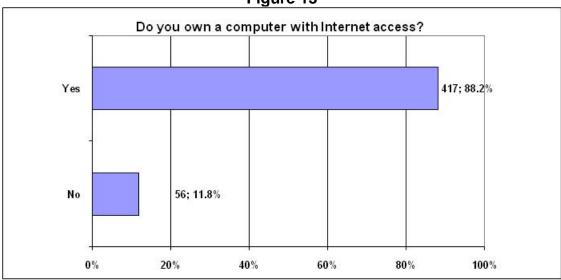


Figure 13



Assessment of Interest in LVN/BSN Survey	Institute for Policy and Economic Development
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University of Texas at El Paso School of Nursing Assessment of Interest in LVN/BSN Survey

1.	What is your gender? a. Male	b.	Female
2.	What is your age? a. 25 or below b. 26-30 c. 31-35	e.	36-40 41-45 Over 45
3.	What is your ethnic group or nationality? a. Multiracial American b. African-American c. Native-American d. Asian-American e. Hispanic-American	g.	Anglo-American Non-U.S. Citizen/permanent resident Other
4.	Was English the first language you spoke at homa. Yes		No
5.	What county do you live in? a. El Paso County b. Hudspeth County	C.	Other
6.	How many years ago did you complete your LVN a. Less than 1 b. 1 to less than 4	C.	ucation? 4 to 7 More than 7
7.	How many years of work experience do you hav a. Less than 1 b. 1 to less than 4	C.	an LVN? 4 to 7 More than 7
8.	Where do you work? a. Nursing home b. Hospital c. Home Health		Community agency Other
9.	Do you work full-time? a. Yes	b.	No
10	What was the approximate total amount in loans your LVN education? a. Less than \$1,000 b. \$1,000 to less than \$6,000 c. \$6,000 to less than \$11,000	d. e.	\$11,000 to \$20,000 More than \$20,000 G.I. Bill/other

11. Did you complete the majority student?	y of your LVN prog	ram as a full-tim	e or a part-time
a. Full-time		b. Part-time	
12. Did you work (outside of scho a. Yes	ool) while you were	e enrolled in the b. No	LVN program?
13. Do you have any college creda. Yesb. No (skip to question 15)		c. Don't knov question 1	•
14. If you do have college credita. 3 or lessb. 4-10	hours, how many o	do you have? c. 11-20 d. More than	20
15. Are you interested in participa a. Yes b. No (skip to 19)	ating in a LVN to B	SN program? c. Maybe d. Don't knov	V
16. If you did participate in a LVN a. Yes	I to BSN program, b. No	would you requi	re financial aid? c. Don't know
17. If you did participate in a LVN a. Yes	I to BSN program, b. No	would you requi	re child care? c. Don't know
18. If you did participate in a LVN time?	I to BSN program,	would you atten	d classes full-
a. Yes	b. No		c. Don't know
19. Do you have experience with a. Yes	classes that are do	elivered online?	c. Don't know
20. Do you own a computer with a. Yes	internet access?	b. No	
Comments:			

Appendix B Frequency Tables

Questions #1-2 - Page 14

Question #3 – Pages 14-15

Questions #4-5 – Pages 15

Questions #6-7 – Page 16

Question #8 – Pages 16-17

Question #9 – Page 17

Questions #10-13 - Page 18

Questions #14-17 - Page 19

Questions #18-20 - Page20

Q1. What is your gender?

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Male	120	25.3	25.4	25.4
	Female	353	74.3	74.6	100.0
	Total	473	99.6	100.0	
Missing	System	2	.4		
Total		475	100.0		

Q2. What is your age?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Below 25 years old	33	6.9	7.0	7.0
	26 to 30 years old	50	10.5	10.6	17.6
	31 to 35 years old	80	16.8	16.9	34.5
	36 to 40 years old	59	12.4	12.5	47.0
	41 to 45 years old	65	13.7	13.8	60.8
	Over 45 years old	183	38.5	38.8	99.6
	Refused	2	.4	.4	100.0
	Total	472	99.4	100.0	
Missing	System	3	.6		
Total		475	100.0		

Q3. What is your ethnic group or nationality?

		_		V 515	Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Multiracial	5	1.1	1.1	1.1
	African-American	30	6.3	6.3	7.4
	Native-American	3	.6	.6	8.0
	Asian-American	9	1.9	1.9	9.9
	Hispanic-American	301	63.4	63.6	73.6
	White American	110	23.2	23.3	96.8
	Non-U.S. Citizen/permanent resident	3	.6	.6	97.5
	Refused	2	.4	.4	97.9
	Other	10	2.1	2.1	100.0
	Total	473	99.6	100.0	
Missing	System	2	.4		
Total		475	100.0		

Q3. Other

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid		465	97.9	97.9	97.9
	Caucasian	1	.2	.2	98.1
	Czech Republic	1	.2	.2	98.3
	Filipino	1	.2	.2	98.5
	Mestizo	1	.2	.2	98.7
	Mexican-American	1	.2	.2	98.9
	Mexican	2	.4	.4	99.4
	Pacific Islander	1	.2	.2	99.6
	Polish	1	.2	.2	99.8
	White	1	.2	.2	100.0
	Total	475	100.0	100.0	

Q4. Was English the first language you spoke at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	293	61.7	61.7	61.7
	No	182	38.3	38.3	100.0
	Total	475	100.0	100.0	

Q5. What county do you live in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	El Paso County	467	98.3	98.5	98.5
	Hudspeth County	3	.6	.6	99.2
	Other	4	.8	.8	100.0
	Total	474	99.8	100.0	
Missing	System	1	.2		
Total		475	100.0		

Q5. What county do you live in? Other

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid		471	99.2	99.2	99.2
	Horizon	1	.2	.2	99.4
	Juarez	1	.2	.2	99.6
	New Mexico	1	.2	.2	99.8
	Oklahoma	1	.2	.2	100.0
	Total	475	100.0	100.0	

Q6. How many years ago did you complete your LVN education?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 1 year	55	11.6	11.6	11.6
	1 to less than 4 years ago	99	20.8	20.9	32.6
	4 to 7 years ago	42	8.8	8.9	41.4
	More than 7 years ago	277	58.3	58.6	100.0
	Total	473	99.6	100.0	
Missing	System	2	.4		
Total		475	100.0		

Q7. How many years of work experience do you have as an LVN?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 1 year	63	13.3	13.3	13.3
	1 to 3 years	77	16.2	16.2	29.5
	4 to 7 years	61	12.8	12.9	42.4
	More than 7 years	273	57.5	57.6	100.0
	Total	474	99.8	100.0	
Missing	System	1	.2		
Total		475	100.0		

Q8. Where do you work?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Nursing home	106	22.3	22.6	22.6
	Hospital	172	36.2	36.6	59.1
	Home Health	61	12.8	13.0	72.1
	Community agency	33	6.9	7.0	79.1
	Other	98	20.6	20.9	100.0
	Total	470	98.9	100.0	
Missing	System	5	1.1		
Total		475	100.0		

Q8. Where do you work? Other

		Fraguenay	Percent	Valid Percent	Cumulative Percent
Valid		Frequency 432	90.9	90.9	90.9
Valla	clinic	5	1.1	1.1	92.0
	Detention center	1	.2	.2	92.2
	El Paso State Center	1	.2		
		•		.2	92.4
	Instructor at Fort Bliss	1	.2	.2	92.6
	Labor and delivery	1	.2	.2	92.8
	long-term facility	1	.2	.2	93.1
	military	5	1.1	1.1	94.1
	not working/retired	6	1.3	1.3	95.4
	Pediatric clinic	1	.2	.2	95.6
	refused	3	.6	.6	96.2
	Rehab hospice	1	.2	.2	96.4
	retired but on call	1	.2	.2	96.6
	school	8	1.7	1.7	98.3
	stay-at-home mom	1	.2	.2	98.5
	surgery center	2	.4	.4	98.9
	teacher	1	.2	.2	99.2
	VA clinic	2	.4	.4	99.6
	William Beaumont	1	.2	.2	99.8
	YMCA	1	.2	.2	100.0
	Total	475	100.0	100.0	

Q9. Do you work full-time?

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Yes	416	87.6	88.1	88.1
	No	56	11.8	11.9	100.0
	Total	472	99.4	100.0	
Missing	System	3	.6		
Total		475	100.0		

Q10. What was the approximate total amount (dollars) in loans that you had to take to finance your LVN education?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than \$1,000	222	46.7	51.7	51.7
	\$1,000 to \$5,000	92	19.4	21.4	73.2
	\$6,000 to \$10,000	55	11.6	12.8	86.0
	\$11,000 to \$20,000	42	8.8	9.8	95.8
	More than \$20,000	7	1.5	1.6	97.4
	other funding	11	2.3	2.6	100.0
	Total	429	90.3	100.0	
Missing	System	46	9.7		
Total		475	100.0		

Q11. Did you complete the majority of your LVN program as a full-time or a part-time student?

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Full-time	447	94.1	94.3	94.3
	Part-time	27	5.7	5.7	100.0
	Total	474	99.8	100.0	
Missing	System	1	.2		
Total		475	100.0		

Q12. Did you work (outside of your school) while you were enrolled in the LVN program?

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Yes	227	47.8	48.5	48.5
	No	241	50.7	51.5	100.0
	Total	468	98.5	100.0	
Missing	System	7	1.5		
Total		475	100.0		

Q13. Do you have any college credit hours?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	382	80.4	80.6	80.6
	No	67	14.1	14.1	94.7
	Don't know	25	5.3	5.3	100.0
	Total	474	99.8	100.0	
Missing	System	1	.2		
Total		475	100.0		

Q14. If you do have college credit hours, how many do you have?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less than 3 hours	11	2.3	2.9	2.9
	4 to 10 hours	22	4.6	5.8	8.7
	11 to 20 hours	36	7.6	9.5	18.2
	More than 20 hours	311	65.5	81.8	100.0
	Total	380	80.0	100.0	
Missing	System	95	20.0		
Total		475	100.0		

Q15. Are you interested in participating in a LVN to BSN program?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	285	60.0	60.5	60.5
	No	86	18.1	18.3	78.8
	Maybe	87	18.3	18.5	97.2
	Don't know	13	2.7	2.8	100.0
	Total	471	99.2	100.0	
Missing	System	4	.8		
Total		475	100.0		

Q16. If you did participate in a LVN to BSN program, would you require financial aid?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	221	46.5	55.9	55.9
	No	87	18.3	22.0	78.0
	Don't know	87	18.3	22.0	100.0
	Total	395	83.2	100.0	
Missing	System	80	16.8		
Total		475	100.0		

Q17. If you did participate in a LVN to BSN program, would you require child care?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	53	11.2	13.4	13.4
	No	331	69.7	83.8	97.2
	Don't know	11	2.3	2.8	100.0
	Total	395	83.2	100.0	
Missing	System	80	16.8		
Total		475	100.0		

Q18. If you did participate in a LVN to BSN program, would you attend class full-time?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	202	42.5	51.3	51.3
	No	91	19.2	23.1	74.4
	Don't know	101	21.3	25.6	100.0
	Total	394	82.9	100.0	
Missing	System	81	17.1		
Total		475	100.0		

Q19. Do you have experience with classes that are delivered online?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	179	37.7	37.8	37.8
	No	290	61.1	61.3	99.2
	Don't know	4	.8	.8	100.0
	Total	473	99.6	100.0	
Missing	System	2	.4		
Total		475	100.0		

Q20. Do you own a computer with Internet access?

		Frequency	Percent	Valid Percent	Cumulative Percent
\		<u> </u>			
Valid	Yes	417	87.8	88.2	88.2
	No	56	11.8	11.8	100.0
	Total	473	99.6	100.0	
Missing	System	2	.4		
Total		475	100.0		