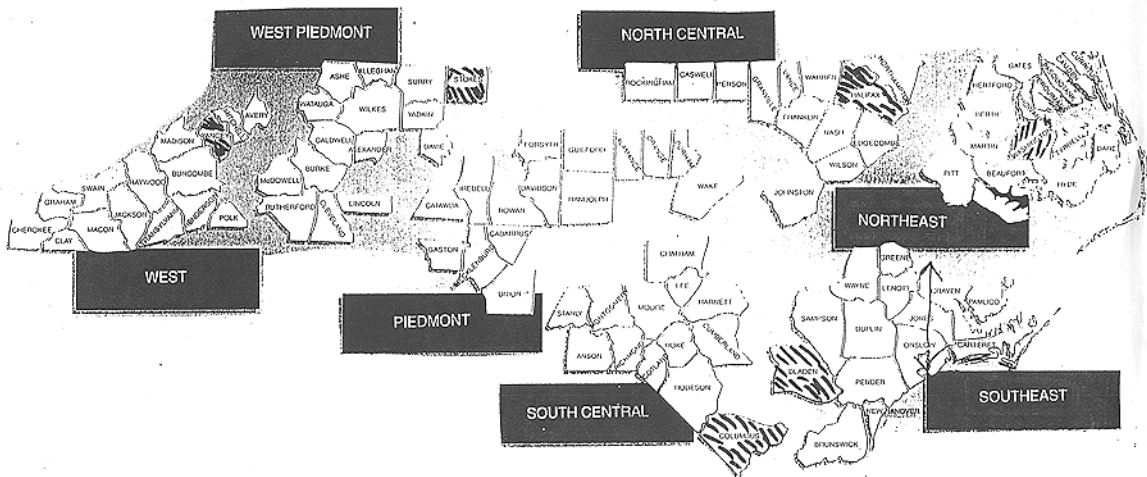


APPENDIX A
POPULATION TABLE

COUNTY	POPULATION	SAMPLE
Bladen	120	45
Columbus	130	60
Halifax	110	45
Stokes	30	25
Washington	30	20
Yancey	200	102
Total	620	297

APPENDIX B
MAP OF NORTH CAROLINA EXTENSION
DISTRICTS

NORTH CAROLINA EXTENSION DISTRICTS



APPENDIX C
COVER LETTER

Farm safety Survey
P. O Box 13325
Greensboro
NC 27415

June 10, 1998

Dear farmer:

Some have said that farming is the "Most Dangerous Occupation." If you are like me and agree with that statement, then other North Carolina farmers need your help. You have been selected to be part of a small sample of farmers asked to complete the enclosed questionnaire about safety on your farm. I sincerely hope you will take 15-20 minute that are required to complete it. Your information will be kept confidential and you will not be identified.

I am please that Yancey County was one of just six counties chosen to participate in this survey. Your honest comments will help all farmers across the State of North Carolina.

Please complete the questionnaire as soon as possible and mail it back in the enclosed postage paid envelope. Please return this letter to Mr. Claude Deytion Agriculture Technician Yancey County Extension office for a price drawing.

Yours truly,
Mohammed J. Ibrahim.

APPENDIX D
INSTRUMENT

FARM SAFETY SURVEY

PLEASE ANSWER THE FOLLOWING QUESTIONS FOR THE YEAR 1997.

1. How many acres of land did you farm including both owned and rented land? _____ acres
2. Do you live on the farm? _____ If not, how far is your home from the farm? _____ miles
3. Do you work on the farm full time? Yes _____ No _____
4. How many people (including yourself) work on the farm?
 Family: _____Part-time _____Full-time
 Non-Family _____Part-time _____Full-time
5. Please identify, based on income, the enterprises (parts) of your total farming operation which produced the highest, (2) second, and (3) third highest returns?

- | | | |
|---------------------------------|-------------------------|---------------|
| ___1. Cash grains | ___5. Livestock | ___9. Tobacco |
| ___2. Field crops | ___6. Dairy | ___10. Peanut |
| ___3. Specialty crops | ___7. Poultry & eggs | ___11. Others |
| ___4. Horticultural specialties | ___8. Anima specialties | |

6. How many farm works related injuries occurred on your farm in the last 3 years? _____

7. Record the three most recent injuries occurred on your farm in the last 3 years.

<u>Month/Year</u>	<u>Most recent</u>	<u>2nd Most Recent</u>	<u>3rd Most Recent</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

8. What was the object or substance which caused the most recent injury in 1997 ? (Please check only one)

- | | |
|-----------------------------------|--------------------------------|
| ___1. Tractor | ___7. Plant/tree |
| ___2. Machinery (specify) | ___8. Working surface |
| ___3. Livestock (specify) | ___9. Truck/automobile |
| ___4. Hand tool (specify) | ___10. Other vehicle (specify) |
| ___5. Power tool | ___11. Other object (specify) |
| ___6. Pesticide or other chemical | |

9. If a tractor was involved, what was the nature of the accident(s) that occurred?

- | | | |
|--------------------------------------|---|---|
| <input type="checkbox"/> 1. Overturn | <input type="checkbox"/> 2. Collision | <input type="checkbox"/> 3. Fall from the tractor |
| <input type="checkbox"/> 4. PTO | <input type="checkbox"/> 5. Other _____ | |

10. What was the type of (most recent, etc.) injury that occurred in 1997 ?

	<u>Most Recent</u>	<u>2nd</u>	<u>3rd</u>
<input type="checkbox"/> Amputation	_____	_____	_____
<input type="checkbox"/> Asphyxiation	_____	_____	_____
<input type="checkbox"/> Bruise	_____	_____	_____
<input type="checkbox"/> Burns	_____	_____	_____

- | | | | | |
|-----|--|--------------------|-----------------------|-----------------------|
| 17. | Was the injured person part-time or full-time? | Most Recent | 2nd | 3rd |
| | <input type="checkbox"/> Part-time | _____ | _____ | _____ |
| | <input type="checkbox"/> Full-time | _____ | _____ | _____ |
| 18. | What is the sex of the person(s) who was injured (for the most recent injury, etc.)? | Most Recent | 2nd | 3rd |
| | <input type="checkbox"/> Male | _____ | _____ | _____ |
| | <input type="checkbox"/> Female | _____ | _____ | _____ |
| 19. | What is the age of the person who was injured (the most recent, etc.)? | Most Recent | 2nd | 3rd |
| | <input type="checkbox"/> Male | _____ | _____ | _____ |
| | <input type="checkbox"/> Female | _____ | _____ | _____ |

Tractor

20. How many tractors over 20 horsepower do you use on your farm? _____
21. What are the approximate ages of these tractors? _____, _____, _____, _____, _____, _____
22. How many of your tractors have rollover protection? (ROPS) _____
23. How many of your tractors have seat belts? _____
24. How many of your tractors have cabs? _____
25. How many tractors are equipped with a CB or cellular phone? _____
26. Are you currently certified to apply pesticides? Yes No
27. When does the certification expire? (Month/Year) _____
28. In 1997, did you use pesticides on your farm? Yes No
29. Did you keep the records of the pesticides used? Yes No
30. Who does the mixing, loading and application of pesticides?
- | | | | |
|---|---------------|----------------|--------------------|
| | <u>Mixing</u> | <u>Loading</u> | <u>Application</u> |
| <input type="checkbox"/> Yourself | _____ | _____ | _____ |
| <input type="checkbox"/> Family members | _____ | _____ | _____ |
| <input type="checkbox"/> Hired worker | _____ | _____ | _____ |

31. How often is the following protective equipment used by those working with pesticides?

Item	Always	Usually	Seldom
Coveralls			
Rain Gear			
Rubber Gloves			
Rubber Boots			
Respirator			
Goggles			
Chemical Apron			
Hat			
None			

32. In what building do you store your pesticides? _____

33. How often do those working on the farm wear ear plugs or other hearing protection devices when operating farm equipment?

- | | <u>You</u> | <u>Other</u> |
|---|------------|--------------|
| <input type="checkbox"/> Never | _____ | _____ |
| <input type="checkbox"/> Some of the time | _____ | _____ |
| <input type="checkbox"/> Always required | _____ | _____ |

34. What statement best describes your eyesight:

- Do not use glasses
- Use glasses for reading only
- Use glasses for distance only
- Use glasses all the time

35. Do you or any others working on the farm wear safety glasses or goggles while working?

- | | <u>You</u> | <u>Other</u> |
|---|------------|--------------|
| <input type="checkbox"/> Never | _____ | _____ |
| <input type="checkbox"/> Some of the time | _____ | _____ |
| <input type="checkbox"/> Always required | _____ | _____ |

36. Do you or any other working on the farm use dust masks or other respiratory protection while working?

- | | <u>You</u> | <u>Other</u> |
|---|------------|--------------|
| <input type="checkbox"/> Never | _____ | _____ |
| <input type="checkbox"/> Some of the time | _____ | _____ |
| <input type="checkbox"/> Always required | _____ | _____ |

37. How many times did you see a doctor or visit a hospital in 1997? _____

38. What are the natures of your latest doctor or hospital visit?
 Check-up Injury from farm-related work Non-work-related
 Personal medical problem Other (specify) _____
39. What statement best describes your hearing?
 Good Little trouble hearing Lots of trouble hearing
40. Circle the answer that best describes your educational level.
Less than High School Diploma Associate degree Above Bachelor's
High School Diploma Bachelor's degree
41. Gross farm sales for 1997 were:
 Less than \$1,000 \$1,001-\$5,000 \$5,001-\$10,000 \$10,001-\$20,000
 \$20,001-\$30,000 \$30,001-\$40,000 \$40,001-\$50,000 More than \$50,000

APPENDIX E
FOLLOW UP POST CARD

Farm Safety Survey
P.O. Box 13325
Greensboro NC 27415

Dear farmer,

Last week you received a survey form regarding safety practices on your farm. If you have already returned your survey, thank you. If you have not had a chance to complete it, please take a few moments to do so. Your response is critical to the outcome of this study.

If you did not receive a survey, please call me collect at (336) 334-7734 and I will mail another survey to you.

Thank you for cooperation,
Mohammed Ibrahim.

APPENDIX F
SECOND LETTER

Dear farmer,

About two weeks ago you receive a survey regarding farm safety on your farm. As of today, I have not received your response. Your input is very important on this critical issue. Please take a moment to complete and return your survey at earliest convenience.

If you have questions about the study or completing the survey, please call me collect at (336) 334 –7734.

Sincerely

Mohammed J. Ibrahim

APPENDIX G
CROSS TAB ANALYSES

Q6 * TRACTOR

Crosstab

		TRACTOR		Total	
		0.00	1.00		
Q6	0.00	Count	193	0	193
		Expected Count	178.1	14.9	193.0
		% within Q6	100.0%	.0%	100.0%
		% within TRACTOR	70.4%	.0%	65.0%
		% of Total	65.0%	.0%	65.0%
	1.00	Count	53	18	71
		Expected Count	65.5	5.5	71.0
		% within Q6	74.6%	25.4%	100.0%
		% within TRACTOR	19.3%	78.3%	23.9%
		% of Total	17.8%	6.1%	23.9%
	2.00	Count	24	5	29
		Expected Count	26.8	2.2	29.0
		% within Q6	82.8%	17.2%	100.0%
		% within TRACTOR	8.8%	21.7%	9.8%
		% of Total	8.1%	1.7%	9.8%
	3.00	Count	3	0	3
		Expected Count	2.8	.2	3.0
		% within Q6	100.0%	.0%	100.0%
		% within TRACTOR	1.1%	.0%	1.0%
		% of Total	1.0%	.0%	1.0%
	4.00	Count	1	0	1
		Expected Count	.9	.1	1.0
		% within Q6	100.0%	.0%	100.0%

	% within TRACTOR	.4%	.0%	.3%
	-----	-----	-----	-----
	% of Total	.3%	.0%	.3%
	-----	-----	-----	-----
Total	Count	274	23	297
	-----	-----	-----	-----
	Expected Count	274.0	23.0	297.0
	-----	-----	-----	-----
	% within Q6	92.3%	7.7%	100.0%
	-----	-----	-----	-----
	% within TRACTOR	100.0%	100.0%	100.0%
	-----	-----	-----	-----
	% of Total	92.3%	7.7%	100.0%
	-----	-----	-----	-----

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	51.009(a)	4	.000
Likelihood Ratio	54.792	4	.000
Linear-by-Linear Association	24.879	1	.000
N of Valid Cases	297		

a 5 cells (50.0%) have expected count less than 5. The minimum expected count is .08.

Q6 * MACHINE

Crosstab

		MACHINE		Total	
		-----	-----	-----	
		.00	1.00		
Q6	.00	Count	191	2	193
		-----	-----	-----	-----
		Expected Count	182.6	10.4	193.0
		-----	-----	-----	-----
		% within Q6	99.0%	1.0%	100.0%
		-----	-----	-----	-----
		% within MACHINE	68.0%	12.5%	65.0%
		-----	-----	-----	-----
		% of Total	64.3%	.7%	65.0%
		-----	-----	-----	-----
	1.00	Count	65	6	71
		-----	-----	-----	-----
		Expected Count	67.2	3.8	71.0
		-----	-----	-----	-----
		% within Q6	91.5%	8.5%	100.0%

	% within MACHINE	23.1%	37.5%	23.9%
	% of Total	21.9%	2.0%	23.9%
2.00	Count	22	7	29
	Expected Count	27.4	1.6	29.0
	% within Q6	75.9%	24.1%	100.0%
	% within MACHINE	7.8%	43.8%	9.8%
	% of Total	7.4%	2.4%	9.8%
3.00	Count	2	1	3
	Expected Count	2.8	.2	3.0
	% within Q6	66.7%	33.3%	100.0%
	% within MACHINE	.7%	6.3%	1.0%
	% of Total	.7%	.3%	1.0%
4.00	Count	1	0	1
	Expected Count	.9	.1	1.0
	% within Q6	100.0%	.0%	100.0%
	% within MACHINE	.4%	.0%	.3%
	% of Total	.3%	.0%	.3%
Total	Count	281	16	297
	Expected Count	281.0	16.0	297.0
	% within Q6	94.6%	5.4%	100.0%
	% within MACHINE	100.0%	100.0%	100.0%
	% of Total	94.6%	5.4%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	33.133(a)	4	.000
Likelihood Ratio	25.339	4	.000
Linear-by-Linear Association	28.421	1	.000

```

|-----|-----|--|-----|
| N of Valid Cases      | 297 | | | |
|-----|-----|--|-----|

```

a 6 cells (60.0%) have expected count less than 5. The minimum expected count is .05.

Q6 * Q40

Crosstab

```

-----
|          | Q40          | Total |
|          |-----|-----|-----|-----|-----|-----|
|          | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | 9.00 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Q6 | .00 | Count      | 50 | 87 | 29 | 17 | 6 | 0 | 189 |
|-----|-----|-----|-----|-----|-----|-----|
| | | Expected Count | 46.4 | 90.2 | 28.8 | 16.3 | 6.5 | .7 | 189.0 |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q6   | 26.5% | 46.0% | 15.3% | 9.0% | 3.2% | .0% | 100.0% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q40  | 70.4% | 63.0% | 65.9% | 68.0% | 60.0% | .0% | 65.4% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % of Total    | 17.3% | 30.1% | 10.0% | 5.9% | 2.1% | .0% | 65.4% |
|-----|-----|-----|-----|-----|-----|-----|
| 1.00 | Count      | 16 | 33 | 10 | 5 | 3 | 1 | 68 |
|-----|-----|-----|-----|-----|-----|-----|
| | | Expected Count | 16.7 | 32.5 | 10.4 | 5.9 | 2.4 | .2 | 68.0 |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q6   | 23.5% | 48.5% | 14.7% | 7.4% | 4.4% | 1.5% | 100.0% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q40  | 22.5% | 23.9% | 22.7% | 20.0% | 30.0% | 100.0% | 23.5% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % of Total    | 5.5% | 11.4% | 3.5% | 1.7% | 1.0% | .3% | 23.5% |
|-----|-----|-----|-----|-----|-----|-----|
| 2.00 | Count      | 5 | 18 | 4 | 2 | 0 | 0 | 29 |
|-----|-----|-----|-----|-----|-----|-----|
| | | Expected Count | 7.1 | 13.8 | 4.4 | 2.5 | 1.0 | .1 | 29.0 |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q6   | 17.2% | 62.1% | 13.8% | 6.9% | .0% | .0% | 100.0% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q40  | 7.0% | 13.0% | 9.1% | 8.0% | .0% | .0% | 10.0% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % of Total    | 1.7% | 6.2% | 1.4% | .7% | .0% | .0% | 10.0% |
|-----|-----|-----|-----|-----|-----|-----|
| 3.00 | Count      | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
|-----|-----|-----|-----|-----|-----|-----|
| | | Expected Count | .5 | 1.0 | .3 | .2 | .1 | .0 | 2.0 |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q6   | .0% | .0% | 50.0% | 50.0% | .0% | .0% | 100.0% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % within Q40  | .0% | .0% | 2.3% | 4.0% | .0% | .0% | .7% |
|-----|-----|-----|-----|-----|-----|-----|
| | | % of Total    | .0% | .0% | .3% | .3% | .0% | .0% | .7% |

```

4.00	Count	0	0	0	0	1	0	1	
	Expected Count	.2	.5	.2	.1	.0	.0	1.0	
	% within Q6	.0%	.0%	.0%	.0%	100.0%	.0%	100.0%	
	% within Q40	.0%	.0%	.0%	.0%	10.0%	.0%	.3%	
	% of Total	.0%	.0%	.0%	.0%	.3%	.0%	.3%	
Total	Count	71	138	44	25	10	1	289	
	Expected Count	71.0	138.0	44.0	25.0	10.0	1.0	289.0	
	% within Q6	24.6%	47.8%	15.2%	8.7%	3.5%	.3%	100.0%	
	% within Q40	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	24.6%	47.8%	15.2%	8.7%	3.5%	.3%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	42.052(a)	20	.003
Likelihood Ratio	20.303	20	.439
Linear-by-Linear Association	1.928	1	.165
N of Valid Cases	289		

a 19 cells (63.3%) have expected count less than 5. The minimum expected count is .00.

Q6 * Q31A

Crosstab

		Q31A				Total
		.00	1.00	2.00	3.00	
Q6	Count	19	20	30	115	184
	Expected Count	17.4	16.8	33.6	116.2	184.0
	% within Q6	10.3%	10.9%	16.3%	62.5%	100.0%
	% within Q31A	70.4%	76.9%	57.7%	63.9%	64.6%
	% of Total	6.7%	7.0%	10.5%	40.4%	64.6%

1.00	Count	5	5	15	43	68
	Expected Count	6.4	6.2	12.4	42.9	68.0
	% within Q6	7.4%	7.4%	22.1%	63.2%	100.0%
	% within Q31A	18.5%	19.2%	28.8%	23.9%	23.9%
	% of Total	1.8%	1.8%	5.3%	15.1%	23.9%
2.00	Count	1	1	7	20	29
	Expected Count	2.7	2.6	5.3	18.3	29.0
	% within Q6	3.4%	3.4%	24.1%	69.0%	100.0%
	% within Q31A	3.7%	3.8%	13.5%	11.1%	10.2%
	% of Total	.4%	.4%	2.5%	7.0%	10.2%
3.00	Count	1	0	0	2	3
	Expected Count	.3	.3	.5	1.9	3.0
	% within Q6	33.3%	.0%	.0%	66.7%	100.0%
	% within Q31A	3.7%	.0%	.0%	1.1%	1.1%
	% of Total	.4%	.0%	.0%	.7%	1.1%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.1	.2	.6	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% within Q31A	3.7%	.0%	.0%	.0%	.4%
	% of Total	.4%	.0%	.0%	.0%	.4%
Total	Count	27	26	52	180	285
	Expected Count	27.0	26.0	52.0	180.0	285.0
	% within Q6	9.5%	9.1%	18.2%	63.2%	100.0%
	% within Q31A	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	9.5%	9.1%	18.2%	63.2%	100.0%

Chi-Square Tests

Value	df	Asymp. Sig. (2-sided)

Pearson Chi-Square	17.274(a)	12	.140
Likelihood Ratio	13.147	12	.358
Linear-by-Linear Association	.175	1	.676
N of Valid Cases	285		

a 10 cells (50.0%) have expected count less than 5. The minimum expected count is .09.

Q6 * Q31B

Crosstab

		Q31B				Total	
		.00	1.00	2.00	3.00		
Q6	.00	Count	19	6	21	134	180
		Expected Count	19.5	3.9	20.1	136.5	180.0
		% Within Q6	10.6%	3.3%	11.7%	74.4%	100.0%
		% Within Q31B	63.3%	100.0%	67.7%	63.8%	65.0%
		% Of Total	6.9%	2.2%	7.6%	48.4%	65.0%
	1.00	Count	6	0	6	55	67
		Expected Count	7.3	1.5	7.5	50.8	67.0
		% Within Q6	9.0%	.0%	9.0%	82.1%	100.0%
		% Within Q31B	20.0%	.0%	19.4%	26.2%	24.2%
		% Of Total	2.2%	.0%	2.2%	19.9%	24.2%
	2.00	Count	3	0	4	19	26
		Expected Count	2.8	.6	2.9	19.7	26.0
		% Within Q6	11.5%	.0%	15.4%	73.1%	100.0%
		% Within Q31B	10.0%	.0%	12.9%	9.0%	9.4%
		% Of Total	1.1%	.0%	1.4%	6.9%	9.4%
	3.00	Count	1	0	0	2	3
		Expected Count	.3	.1	.3	2.3	3.0
		% within Q6	33.3%	.0%	.0%	66.7%	100.0%
		% within Q31B	3.3%	.0%	.0%	1.0%	1.1%

	% of Total	.4%	.0%	.0%	.7%	1.1%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.0	.1	.8	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% Within Q31B	3.3%	.0%	.0%	.0%	.4%
	% Of Total	.4%	.0%	.0%	.0%	.4%
Total	Count	30	6	31	210	277
	Expected Count	30.0	6.0	31.0	210.0	277.0
	% Within Q6	10.8%	2.2%	11.2%	75.8%	100.0%
	% Within Q31B	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	10.8%	2.2%	11.2%	75.8%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	14.621(a)	12	.263
Likelihood Ratio	12.567	12	.401
Linear-by-Linear Association	.406	1	.524
N of Valid Cases	277		

a 13 cells (65.0%) have expected count less than 5. The minimum expected count is .02.

Q6 * Q31C

Crosstab

Q6		Q31C				Total
		.00	1.00	2.00	3.00	
.00	Count	14	29	85	62	190
	Expected Count	13.7	28.0	83.9	64.4	190.0
	% within Q6	7.4%	15.3%	44.7%	32.6%	100.0%
	% within Q31C	66.7%	67.4%	65.9%	62.6%	65.1%
	% of Total	4.8%	9.9%	29.1%	21.2%	65.1%

1.00	Count	3	11	29	26	69
	Expected Count	5.0	10.2	30.5	23.4	69.0
	% within Q6	4.3%	15.9%	42.0%	37.7%	100.0%
	% within Q31C	14.3%	25.6%	22.5%	26.3%	23.6%
	% of Total	1.0%	3.8%	9.9%	8.9%	23.6%
2.00	Count	2	3	14	10	29
	Expected Count	2.1	4.3	12.8	9.8	29.0
	% within Q6	6.9%	10.3%	48.3%	34.5%	100.0%
	% within Q31C	9.5%	7.0%	10.9%	10.1%	9.9%
	% of Total	.7%	1.0%	4.8%	3.4%	9.9%
3.00	Count	1	0	1	1	3
	Expected Count	.2	.4	1.3	1.0	3.0
	% within Q6	33.3%	.0%	33.3%	33.3%	100.0%
	% within Q31C	4.8%	.0%	.8%	1.0%	1.0%
	% of Total	.3%	.0%	.3%	.3%	1.0%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.1	.4	.3	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% within Q31C	4.8%	.0%	.0%	.0%	.3%
	% of Total	.3%	.0%	.0%	.0%	.3%
Total	Count	21	43	129	99	292
	Expected Count	21.0	43.0	129.0	99.0	292.0
	% within Q6	7.2%	14.7%	44.2%	33.9%	100.0%
	% within Q31C	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	7.2%	14.7%	44.2%	33.9%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
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Pearson Chi-Square	18.129(a)	12	.112
Likelihood Ratio	9.746	12	.638
Linear-by-Linear Association	.059	1	.808
N of Valid Cases	292		

a 11 cells (55.0%) have expected count less than 5. The minimum expected count is .07.

Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.242	.112
N of Valid Cases	292	

a Not assuming the null hypothesis.

b Using the asymptotic standard error assuming the null hypothesis.

Q6 * Q31D

Crosstab

		Q31D				Total
		.00	1.00	2.00	3.00	
Q6	.00	Count	21	13	28	118
		Expected Count	19.4	9.7	27.8	123.0
		% within Q6	11.7%	7.2%	15.6%	65.6%
		% within Q31D	70.0%	86.7%	65.1%	62.1%
		% of Total	7.6%	4.7%	10.1%	42.4%
	1.00	Count	6	2	11	48
		Expected Count	7.2	3.6	10.4	45.8
		% within Q6	9.0%	3.0%	16.4%	71.6%
		% within Q31D	20.0%	13.3%	25.6%	25.3%
		% of Total	2.2%	.7%	4.0%	17.3%
	2.00	Count	1	0	4	22
		Expected Count	2.9	1.5	4.2	18.5
		% within Q6	3.7%	.0%	14.8%	81.5%

	% within Q31D	3.3%	.0%	9.3%	11.6%	9.7%			
	% of Total	.4%	.0%	1.4%	7.9%	9.7%			
3.00	Count	1	0	0	2	3			
	Expected Count	.3	.2	.5	2.1	3.0			
	% within Q6	33.3%	.0%	.0%	66.7%	100.0%			
	% within Q31D	3.3%	.0%	.0%	1.1%	1.1%			
	% of Total	.4%	.0%	.0%	.7%	1.1%			
4.00	Count	1	0	0	0	1			
	Expected Count	.1	.1	.2	.7	1.0			
	% within Q6	100.0%	.0%	.0%	.0%	100.0%			
	% within Q31D	3.3%	.0%	.0%	.0%	.4%			
	% of Total	.4%	.0%	.0%	.0%	.4%			
Total	Count	30	15	43	190	278			
	Expected Count	30.0	15.0	43.0	190.0	278.0			
	% within Q6	10.8%	5.4%	15.5%	68.3%	100.0%			
	% within Q31D	100.0%	100.0%	100.0%	100.0%	100.0%			
	% of Total	10.8%	5.4%	15.5%	68.3%	100.0%			

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.232(a)	12	.181
Likelihood Ratio	14.427	12	.274
Linear-by-Linear Association	.727	1	.394
N of Valid Cases	278		

a 12 cells (60.0%) have expected count less than 5. The minimum expected count is .05.

Q6 * Q31E

Crosstab

	Q31E	Total

		.00	1.00	2.00	3.00	
Q6	Count	17	26	83	58	184
	Expected Count	16.4	24.2	81.2	62.2	184.0
	% within Q6	9.2%	14.1%	45.1%	31.5%	100.0%
	% within Q31E	68.0%	70.3%	66.9%	61.1%	65.5%
	% of Total	6.0%	9.3%	29.5%	20.6%	65.5%
1.00	Count	4	10	29	27	70
	Expected Count	6.2	9.2	30.9	23.7	70.0
	% within Q6	5.7%	14.3%	41.4%	38.6%	100.0%
	% within Q31E	16.0%	27.0%	23.4%	28.4%	24.9%
	% of Total	1.4%	3.6%	10.3%	9.6%	24.9%
2.00	Count	2	1	12	9	24
	Expected Count	2.1	3.2	10.6	8.1	24.0
	% within Q6	8.3%	4.2%	50.0%	37.5%	100.0%
	% within Q31E	8.0%	2.7%	9.7%	9.5%	8.5%
	% of Total	.7%	.4%	4.3%	3.2%	8.5%
3.00	Count	1	0	0	1	2
	Expected Count	.2	.3	.9	.7	2.0
	% within Q6	50.0%	.0%	.0%	50.0%	100.0%
	% within Q31E	4.0%	.0%	.0%	1.1%	.7%
	% of Total	.4%	.0%	.0%	.4%	.7%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.1	.4	.3	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% within Q31E	4.0%	.0%	.0%	.0%	.4%
	% of Total	.4%	.0%	.0%	.0%	.4%
Total	Count	25	37	124	95	281

Expected Count	25.0	37.0	124.0	95.0	281.0
% within Q6	8.9%	13.2%	44.1%	33.8%	100.0%
% within Q31E	100.0%	100.0%	100.0%	100.0%	100.0%
% of Total	8.9%	13.2%	44.1%	33.8%	100.0%

Chi-Square Tests

Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	19.036(a)	12 .088
Likelihood Ratio	13.402	12 .340
Linear-by-Linear Association	.047	1 .828
N of Valid Cases	281	

a 10 cells (50.0%) have expected count less than 5. The minimum expected count is .09.

Q6 * Q31F

Crosstab

		Q31F				Total
		.00	1.00	2.00	3.00	
Q6	.00 Count	19	21	69	75	184
	Expected Count	18.1	20.1	65.4	80.3	184.0
	% within Q6	10.3%	11.4%	37.5%	40.8%	100.0%
	% within Q31F	67.9%	67.7%	68.3%	60.5%	64.8%
	% of Total	6.7%	7.4%	24.3%	26.4%	64.8%
	1.00 Count	4	9	20	34	67
	Expected Count	6.6	7.3	23.8	29.3	67.0
	% within Q6	6.0%	13.4%	29.9%	50.7%	100.0%
	% within Q31F	14.3%	29.0%	19.8%	27.4%	23.6%
	% of Total	1.4%	3.2%	7.0%	12.0%	23.6%
	2.00 Count	3	1	11	14	29
	Expected Count	2.9	3.2	10.3	12.7	29.0

	% within Q6	10.3%	3.4%	37.9%	48.3%	100.0%
	% within Q31F	10.7%	3.2%	10.9%	11.3%	10.2%
	% of Total	1.1%	.4%	3.9%	4.9%	10.2%
3.00	Count	1	0	1	1	3
	Expected Count	.3	.3	1.1	1.3	3.0
	% within Q6	33.3%	.0%	33.3%	33.3%	100.0%
	% within Q31F	3.6%	.0%	1.0%	.8%	1.1%
	% of Total	.4%	.0%	.4%	.4%	1.1%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.1	.4	.4	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% within Q31F	3.6%	.0%	.0%	.0%	.4%
	% of Total	.4%	.0%	.0%	.0%	.4%
Total	Count	28	31	101	124	284
	Expected Count	28.0	31.0	101.0	124.0	284.0
	% within Q6	9.9%	10.9%	35.6%	43.7%	100.0%
	% within Q31F	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	9.9%	10.9%	35.6%	43.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.333(a)	12	.176
Likelihood Ratio	12.192	12	.430
Linear-by-Linear Association	.028	1	.868
N of Valid Cases	284		

a 10 cells (50.0%) have expected count less than 5. The minimum expected count is .10.

Q6 * Q31G

Crosstab

		Q31G				Total
		.00	1.00	2.00	3.00	
Q6	Count	23	12	54	90	179
	Expected Count	23.2	10.3	47.0	98.5	179.0
	% within Q6	12.8%	6.7%	30.2%	50.3%	100.0%
	% within Q31G	63.9%	75.0%	74.0%	58.8%	64.4%
	% of Total	8.3%	4.3%	19.4%	32.4%	64.4%
1.00	Count	8	4	17	38	67
	Expected Count	8.7	3.9	17.6	36.9	67.0
	% within Q6	11.9%	6.0%	25.4%	56.7%	100.0%
	% within Q31G	22.2%	25.0%	23.3%	24.8%	24.1%
	% of Total	2.9%	1.4%	6.1%	13.7%	24.1%
2.00	Count	3	0	2	23	28
	Expected Count	3.6	1.6	7.4	15.4	28.0
	% within Q6	10.7%	.0%	7.1%	82.1%	100.0%
	% within Q31G	8.3%	.0%	2.7%	15.0%	10.1%
	% of Total	1.1%	.0%	.7%	8.3%	10.1%
3.00	Count	1	0	0	2	3
	Expected Count	.4	.2	.8	1.7	3.0
	% within Q6	33.3%	.0%	.0%	66.7%	100.0%
	% within Q31G	2.8%	.0%	.0%	1.3%	1.1%
	% of Total	.4%	.0%	.0%	.7%	1.1%
4.00	Count	1	0	0	0	1
	Expected Count	.1	.1	.3	.6	1.0
	% within Q6	100.0%	.0%	.0%	.0%	100.0%
	% within Q31G	2.8%	.0%	.0%	.0%	.4%
	% of Total	.4%	.0%	.0%	.0%	.4%
Total	Count	36	16	73	153	278

	Expected Count	36.0	16.0	73.0	153.0	278.0
	% Within Q6	12.9%	5.8%	26.3%	55.0%	100.0%
	% Within Q31G	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	12.9%	5.8%	26.3%	55.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	20.244(a)	12	.063
Likelihood Ratio	20.955	12	.051
Linear-by-Linear Association	.891	1	.345
N of Valid Cases	278		

a 11 cells (55.0%) have expected count less than 5. The minimum expected count is .06.

Q6 * Q31H

Crosstab

		Q31H				Total
		.00	1.00	2.00	3.00	
Q6	.00 Count	11	88	45	43	187
	Expected Count	11.1	88.9	41.8	45.1	187.0
	% Within Q6	5.9%	47.1%	24.1%	23.0%	100.0%
	% Within Q31H	64.7%	64.7%	70.3%	62.3%	65.4%
	% Of Total	3.8%	30.8%	15.7%	15.0%	65.4%
	1.00 Count	3	33	11	21	68
	Expected Count	4.0	32.3	15.2	16.4	68.0
	% within Q6	4.4%	48.5%	16.2%	30.9%	100.0%
	% within Q31H	17.6%	24.3%	17.2%	30.4%	23.8%
	% of Total	1.0%	11.5%	3.8%	7.3%	23.8%
	2.00 Count	1	14	8	4	27
	Expected Count	1.6	12.8	6.0	6.5	27.0

	% Within Q6	3.7%	51.9%	29.6%	14.8%	100.0%			
	% Within Q31H	5.9%	10.3%	12.5%	5.8%	9.4%			
	% of Total	.3%	4.9%	2.8%	1.4%	9.4%			
3.00	Count	1	1	0	1	3			
	Expected Count	.2	1.4	.7	.7	3.0			
	% within Q6	33.3%	33.3%	.0%	33.3%	100.0%			
	% within Q31H	5.9%	.7%	.0%	1.4%	1.0%			
	% of Total	.3%	.3%	.0%	.3%	1.0%			
4.00	Count	1	0	0	0	1			
	Expected Count	.1	.5	.2	.2	1.0			
	% within Q6	100.0%	.0%	.0%	.0%	100.0%			
	% within Q31H	5.9%	.0%	.0%	.0%	.3%			
	% of Total	.3%	.0%	.0%	.0%	.3%			
Total	Count	17	136	64	69	286			
	Expected Count	17.0	136.0	64.0	69.0	286.0			
	% within Q6	5.9%	47.6%	22.4%	24.1%	100.0%			
	% within Q31H	100.0%	100.0%	100.0%	100.0%	100.0%			
	% of Total	5.9%	47.6%	22.4%	24.1%	100.0%			

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	25.537(a)	12	.012
Likelihood Ratio	14.225	12	.287
Linear-by-Linear Association	.536	1	.464
N of Valid Cases	286		

a 10 cells (50.0%) have expected count less than 5. The minimum expected count is .06.

Q6 * Q31I

Crosstab

```

-----
|           | Q31I      | Total |
|           |-----|-----|-----|
|           | .00 | 4.00 |      | | |
|---|---|---|---|---|---|
| Q6 |.00 | Count   | 2   | 1   | 3   |
| | |-----|-----|-----|
| | | Expected Count | 2.0 | 1.0 | 3.0 |
| | |-----|-----|-----|
| | | % within Q6   | 66.7% | 33.3% | 100.0% |
| | |-----|-----|-----|
| | | % within Q31I | 100.0% | 100.0% | 100.0% |
| | |-----|-----|-----|
| | | % of Total   | 66.7% | 33.3% | 100.0% |
|--|--|-----|-----|-----|
| Total | Count   | 2   | 1   | 3   |
| | |-----|-----|-----|
| | | Expected Count | 2.0 | 1.0 | 3.0 |
| | |-----|-----|-----|
| | | % within Q6   | 66.7% | 33.3% | 100.0% |
| | |-----|-----|-----|
| | | % within Q31I | 100.0% | 100.0% | 100.0% |
| | |-----|-----|-----|
| | | % of Total   | 66.7% | 33.3% | 100.0% |
|--|--|-----|-----|-----|

```

Chi-Square Tests

```

-----
|           | Value |
|-----|-----|
| Pearson Chi-Square | .(a) |
|-----|-----|
| N of Valid Cases | 3 |
|-----|-----|

```

a No statistics are computed because Q6 is a constant.

Q6 * Q26

Crosstab

```

-----
|           | Q26      | Total |
|           |-----|-----|-----|
|           | .00 | 1.00 | 2.00 |      | | |
|---|---|---|---|---|---|---|
| Q6 |.00 | Count   | 4   | 137 | 52   | 193 |
| | |-----|-----|-----|-----|
| | | Expected Count | 3.2 | 137.8 | 52.0 | 193.0 |
| | |-----|-----|-----|-----|
| | | % within Q6   | 2.1% | 71.0% | 26.9% | 100.0% |
| | |-----|-----|-----|-----|
| | | % within Q26  | 80.0% | 64.6% | 65.0% | 65.0% |
| | |-----|-----|-----|-----|
| | | % of Total   | 1.3% | 46.1% | 17.5% | 65.0% |
|--|--|-----|-----|-----|

```

1.00	Count	0	52	19	71
	Expected Count	1.2	50.7	19.1	71.0
	% within Q6	.0%	73.2%	26.8%	100.0%
	% within Q26	.0%	24.5%	23.8%	23.9%
	% of Total	.0%	17.5%	6.4%	23.9%
2.00	Count	0	20	9	29
	Expected Count	.5	20.7	7.8	29.0
	% within Q6	.0%	69.0%	31.0%	100.0%
	% within Q26	.0%	9.4%	11.3%	9.8%
	% of Total	.0%	6.7%	3.0%	9.8%
3.00	Count	0	3	0	3
	Expected Count	.1	2.1	.8	3.0
	% within Q6	.0%	100.0%	.0%	100.0%
	% within Q26	.0%	1.4%	.0%	1.0%
	% of Total	.0%	1.0%	.0%	1.0%
4.00	Count	1	0	0	1
	Expected Count	.0	.7	.3	1.0
	% within Q6	100.0%	.0%	.0%	100.0%
	% within Q26	20.0%	.0%	.0%	.3%
	% of Total	.3%	.0%	.0%	.3%
Total	Count	5	212	80	297
	Expected Count	5.0	212.0	80.0	297.0
	% within Q6	1.7%	71.4%	26.9%	100.0%
	% within Q26	100.0%	100.0%	100.0%	100.0%
	% of Total	1.7%	71.4%	26.9%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
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Pearson Chi-Square	61.704(a)	8	.000
Likelihood Ratio	13.955	8	.083
Linear-by-Linear Association	.226	1	.635
N of Valid Cases	297		

a 9 cells (60.0%) have expected count less than 5. The minimum expected count is .02.

Q6 * Q29

Crosstab

		Q29				Total	
		.00	1.00	2.00	3.00		
Q6	.00	Count	0	78	112	2	192
		Expected Count	.7	79.7	109.7	2.0	192.0
		% within Q6	.0%	40.6%	58.3%	1.0%	100.0%
		% within Q29	.0%	63.9%	66.7%	66.7%	65.3%
		% of Total	.0%	26.5%	38.1%	.7%	65.3%
	1.00	Count	0	32	38	0	70
		Expected Count	.2	29.0	40.0	.7	70.0
		% within Q6	.0%	45.7%	54.3%	.0%	100.0%
		% within Q29	.0%	26.2%	22.6%	.0%	23.8%
		% of Total	.0%	10.9%	12.9%	.0%	23.8%
	2.00	Count	0	10	17	1	28
		Expected Count	.1	11.6	16.0	.3	28.0
		% within Q6	.0%	35.7%	60.7%	3.6%	100.0%
		% within Q29	.0%	8.2%	10.1%	33.3%	9.5%
		% of Total	.0%	3.4%	5.8%	.3%	9.5%
	3.00	Count	0	2	1	0	3
		Expected Count	.0	1.2	1.7	.0	3.0
		% within Q6	.0%	66.7%	33.3%	.0%	100.0%

	% within Q29	.0%	1.6%	.6%	.0%	1.0%	
	% of Total	.0%	.7%	.3%	.0%	1.0%	
4.00	Count	1	0	0	0	1	
	Expected Count	.0	.4	.6	.0	1.0	
	% within Q6	100.0%	.0%	.0%	.0%	100.0%	
	% within Q29	100.0%	.0%	.0%	.0%	.3%	
	% of Total	.3%	.0%	.0%	.0%	.3%	
Total	Count	1	122	168	3	294	
	Expected Count	1.0	122.0	168.0	3.0	294.0	
	% within Q6	.3%	41.5%	57.1%	1.0%	100.0%	
	% within Q29	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	.3%	41.5%	57.1%	1.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	298.055(a)	12	.000
Likelihood Ratio	17.438	12	.134
Linear-by-Linear Association	1.072	1	.301
N of Valid Cases	294		

a 14 cells (70.0%) have expected count less than 5. The minimum expected count is .00.

Q6 * Q22

Crosstab

Q6	Count	Q22						Total
		.00	1.00	2.00	3.00	4.00	5.00	
.00	123	55	11	1	1	1	192	
	Expected Count	115.9	58.6	12.4	2.6	1.3	1.3	192.0
	% within Q6	64.1%	28.6%	5.7%	.5%	.5%	.5%	100.0%
	% within Q22	69.1%	61.1%	57.9%	25.0%	50.0%	50.0%	65.1%

	% of Total	41.7%	18.6%	3.7%	.3%	.3%	.3%	65.1%
1.00	Count	40	22	5	1	1	1	70
	Expected Count	42.2	21.4	4.5	.9	.5	.5	70.0
	% within Q6	57.1%	31.4%	7.1%	1.4%	1.4%	1.4%	100.0%
	% within Q22	22.5%	24.4%	26.3%	25.0%	50.0%	50.0%	23.7%
	% of Total	13.6%	7.5%	1.7%	.3%	.3%	.3%	23.7%
2.00	Count	15	10	3	1	0	0	29
	Expected Count	17.5	8.8	1.9	.4	.2	.2	29.0
	% within Q6	51.7%	34.5%	10.3%	3.4%	.0%	.0%	100.0%
	% within Q22	8.4%	11.1%	15.8%	25.0%	.0%	.0%	9.8%
	% of Total	5.1%	3.4%	1.0%	.3%	.0%	.0%	9.8%
3.00	Count	0	2	0	1	0	0	3
	Expected Count	1.8	.9	.2	.0	.0	.0	3.0
	% within Q6	.0%	66.7%	.0%	33.3%	.0%	.0%	100.0%
	% within Q22	.0%	2.2%	.0%	25.0%	.0%	.0%	1.0%
	% of Total	.0%	.7%	.0%	.3%	.0%	.0%	1.0%
4.00	Count	0	1	0	0	0	0	1
	Expected Count	.6	.3	.1	.0	.0	.0	1.0
	% within Q6	.0%	100.0%	.0%	.0%	.0%	.0%	100.0%
	% within Q22	.0%	1.1%	.0%	.0%	.0%	.0%	.3%
	% of Total	.0%	.3%	.0%	.0%	.0%	.0%	.3%
Total	Count	178	90	19	4	2	2	295
	Expected Count	178.0	90.0	19.0	4.0	2.0	2.0	295.0
	% within Q6	60.3%	30.5%	6.4%	1.4%	.7%	.7%	100.0%
	% within Q22	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	60.3%	30.5%	6.4%	1.4%	.7%	.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	34.050(a)	20	.026
Likelihood Ratio	17.774	20	.602
Linear-by-Linear Association	5.925	1	.015
N of Valid Cases	295		

a 23 cells (76.7%) have expected count less than 5. The minimum expected count is .01.

Q6 * Q23

Crosstab

		Q23					Total	
		.00	1.00	2.00	3.00	5.00		
Q6	.00	Count	90	65	33	2	1	191
		Expected Count	78.0	70.2	38.3	3.2	1.3	191.0
		% within Q6	47.1%	34.0%	17.3%	1.0%	.5%	100.0%
		% within Q23	75.0%	60.2%	55.9%	40.0%	50.0%	65.0%
		% of Total	30.6%	22.1%	11.2%	.7%	.3%	65.0%
	1.00	Count	22	29	16	2	1	70
		Expected Count	28.6	25.7	14.0	1.2	.5	70.0
		% within Q6	31.4%	41.4%	22.9%	2.9%	1.4%	100.0%
		% within Q23	18.3%	26.9%	27.1%	40.0%	50.0%	23.8%
		% of Total	7.5%	9.9%	5.4%	.7%	.3%	23.8%
	2.00	Count	8	12	8	1	0	29
		Expected Count	11.8	10.7	5.8	.5	.2	29.0
		% within Q6	27.6%	41.4%	27.6%	3.4%	.0%	100.0%
		% within Q23	6.7%	11.1%	13.6%	20.0%	.0%	9.9%
		% of Total	2.7%	4.1%	2.7%	.3%	.0%	9.9%
	3.00	Count	0	1	2	0	0	3
		Expected Count	1.2	1.1	.6	.1	.0	3.0
		% within Q6	.0%	33.3%	66.7%	.0%	.0%	100.0%

	% within Q23	.0%	.9%	3.4%	.0%	.0%	1.0%
	% of Total	.0%	.3%	.7%	.0%	.0%	1.0%
4.00	Count	0	1	0	0	0	1
	Expected Count	.4	.4	.2	.0	.0	1.0
	% within Q6	.0%	100.0%	.0%	.0%	.0%	100.0%
	% within Q23	.0%	.9%	.0%	.0%	.0%	.3%
	% of Total	.0%	.3%	.0%	.0%	.0%	.3%
Total	Count	120	108	59	5	2	294
	Expected Count	120.0	108.0	59.0	5.0	2.0	294.0
	% within Q6	40.8%	36.7%	20.1%	1.7%	.7%	100.0%
	% within Q23	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	40.8%	36.7%	20.1%	1.7%	.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.081(a)	16	.447
Likelihood Ratio	16.473	16	.420
Linear-by-Linear Association	8.599	1	.003
N of Valid Cases	294		

a 16 cells (64.0%) have expected count less than 5. The minimum expected count is .01.

Q6 * Q24

Crosstab

	Q24	Total					
		.00	1.00	2.00	3.00	4.00	
Q6	Count	171	17	2	1	0	191
	Expected Count	164.3	20.9	4.6	.7	.7	191.0
	% within Q6	89.5%	8.9%	1.0%	.5%	.0%	100.0%
	% within Q24	67.9%	53.1%	28.6%	100.0%	.0%	65.2%

	% of Total	58.4%	5.8%	.7%	.3%	.0%	65.2%
1.00	Count	58	8	2	0	1	69
	Expected Count	59.3	7.5	1.6	.2	.2	69.0
	% within Q6	84.1%	11.6%	2.9%	.0%	1.4%	100.0%
	% within Q24	23.0%	25.0%	28.6%	.0%	100.0%	23.5%
	% of Total	19.8%	2.7%	.7%	.0%	.3%	23.5%
2.00	Count	20	7	2	0	0	29
	Expected Count	24.9	3.2	.7	.1	.1	29.0
	% within Q6	69.0%	24.1%	6.9%	.0%	.0%	100.0%
	% within Q24	7.9%	21.9%	28.6%	.0%	.0%	9.9%
	% of Total	6.8%	2.4%	.7%	.0%	.0%	9.9%
3.00	Count	2	0	1	0	0	3
	Expected Count	2.6	.3	.1	.0	.0	3.0
	% within Q6	66.7%	.0%	33.3%	.0%	.0%	100.0%
	% within Q24	.8%	.0%	14.3%	.0%	.0%	1.0%
	% of Total	.7%	.0%	.3%	.0%	.0%	1.0%
4.00	Count	1	0	0	0	0	1
	Expected Count	.9	.1	.0	.0	.0	1.0
	% within Q6	100.0%	.0%	.0%	.0%	.0%	100.0%
	% within Q24	.4%	.0%	.0%	.0%	.0%	.3%
	% of Total	.3%	.0%	.0%	.0%	.0%	.3%
Total	Count	252	32	7	1	1	293
	Expected Count	252.0	32.0	7.0	1.0	1.0	293.0
	% within Q6	86.0%	10.9%	2.4%	.3%	.3%	100.0%
	% within Q24	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	86.0%	10.9%	2.4%	.3%	.3%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	27.066(a)	16	.041
Likelihood Ratio	17.352	16	.363
Linear-by-Linear Association	8.383	1	.004
N of Valid Cases	293		

a 20 cells (80.0%) have expected count less than 5. The minimum expected count is .00.

Q6 * Q28

Crosstab

		Q28		Total	
		1.00	2.00		
Q6	1.00	Count	180	13	193
		Expected Count	180.0	13.0	193.0
		% within Q6	93.3%	6.7%	100.0%
		% within Q28	65.0%	65.0%	65.0%
		% of Total	60.6%	4.4%	65.0%
	1.00	Count	68	3	71
		Expected Count	66.2	4.8	71.0
		% within Q6	95.8%	4.2%	100.0%
		% within Q28	24.5%	15.0%	23.9%
		% of Total	22.9%	1.0%	23.9%
	2.00	Count	26	3	29
		Expected Count	27.0	2.0	29.0
		% within Q6	89.7%	10.3%	100.0%
		% within Q28	9.4%	15.0%	9.8%
		% of Total	8.8%	1.0%	9.8%
	3.00	Count	3	0	3
		Expected Count	2.8	.2	3.0

	% within Q6	100.0%	.0%	100.0%
	-----	-----	-----	-----
	% within Q28	1.1%	.0%	1.0%
	-----	-----	-----	-----
	% of Total	1.0%	.0%	1.0%
	-----	-----	-----	-----
4.00	Count	0	1	1
	-----	-----	-----	-----
	Expected Count	.9	.1	1.0
	-----	-----	-----	-----
	% within Q6	.0%	100.0%	100.0%
	-----	-----	-----	-----
	% within Q28	.0%	5.0%	.3%
	-----	-----	-----	-----
	% of Total	.0%	.3%	.3%
	-----	-----	-----	-----
Total	Count	277	20	297
	-----	-----	-----	-----
	Expected Count	277.0	20.0	297.0
	-----	-----	-----	-----
	% within Q6	93.3%	6.7%	100.0%
	-----	-----	-----	-----
	% within Q28	100.0%	100.0%	100.0%
	-----	-----	-----	-----
	% of Total	93.3%	6.7%	100.0%
	-----	-----	-----	-----

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.380(a)	4	.004
Likelihood Ratio	7.150	4	.128
Linear-by-Linear Association	1.157	1	.282
N of Valid Cases	297		

a 6 cells (60.0%) have expected count less than 5. The minimum expected count is .07.

VITA
EDUCATION

MS	Agricultural Education and Extension North Carolina Agricultural and Technical State University Greensboro North Carolina.	1991
BS	Industrial Technology (Automotive) North Carolina Agricultural and Technical State University Greensboro North Carolina.	1988
HND	Higher National Diploma in Mechanical Engineering Hindustan Institute of Engineering Technology, Madras India.	1982
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Work Experience

Extension Specialist Environmental, Farm Energy and Safety, 1998-present. North Carolina Cooperative Extension System,
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Technical Instructor, (two years) Abuja Technical College, Abuja,
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