

**My research question is:**

*Will imposition of a sales tax on out of state purchases affect King County residents differently than those living in other parts of the state?*

**Look at the analysis below:**

- 1) What can these results tell us about my research question?**
- 2) What confounding factors could be affecting my results? Are they likely to be important?**
- 3) What other analysis or tests should I do?**
- 4) What potentially important factors do I not have information on? How should I treat that in my policy report?**
- 5) Write a short summary of my results. Include discussion of the questions above.**

```

GET FILE='D:\My Documents\527\wapop\sps04.sav'.
T-TEST
GROUPS=kingco(0 1)
/MISSING=ANALYSIS
/VARIABLES=netpurch
/CRITERIA=CIN(.95) .

```

**Group Statistics**

	dummy for king co	N	Mean	Std. Deviation	Std. Error Mean
dummy for made	.00	3387	.5648	.49586	.00852
intern purch	1.00	971	.7024	.45745	.01468

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
dummy for made intern purch	Equal variances assumed	376.009	.000	-7.751	4356	.000	-.13756	.01775	-.17236	-.10277
	Equal variances not assumed			-8.104	1678.954	.000	-.13756	.01697	-.17085	-.10427

T-TEST

GROUPS=kingco(0 1)  
 /MISSING=ANALYSIS  
 /VARIABLES=q8p8  
 /CRITERIA=CIN(.95) .

**Group Statistics**

	dummy for king co	N	Mean	Std. Deviation	Std. Error Mean
# TIMES MADE	.00	3387	7.0750	19.09379	.32808
INTERNET PURCHASE LAST YR	1.00	971	10.4665	37.61892	1.20725

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
# TIMES MADE	Equal variances assumed	12.070	.001	-3.808	4356	.000	-3.39154	.89057	-5.13750	-1.64557
INTERNET PURCHASE LAST YR	Equal variances not assumed			-2.711	1116.823	.007	-3.39154	1.25103	-5.84618	-.93689

\* Basic Tables.

TABLES

```

/FORMAT BLANK MISSING('.')
/OBSERVATION netpurch
/TABLES hhinccat > netpurch
BY kingco > (STATISTICS)
/STATISTICS
count( ( F5.0 ))
mean( ) stddev( ).

```

			dummy for king co					
			.00			1.00		
			Count	Mean	Std Deviation	Count	Mean	Std Deviation
2005 HOUSEHOLD INCOME RECODES	1. \$0-\$4,999	dummy for made intern purch	150	.25	.44	16	.63	.52
	2. \$5,000-\$14,999	dummy for made intern purch	707	.25	.43	80	.27	.45
	3. \$15,000-\$24,999	dummy for made intern purch	752	.35	.48	137	.41	.50
	4. \$25,000-\$34,999	dummy for made intern purch	933	.42	.49	171	.51	.50
	5. \$35,000-\$49,999	dummy for made intern purch	1373	.53	.50	330	.61	.49
	6. \$50,000-\$74,999	dummy for made intern purch	2284	.65	.48	418	.71	.45
	7. \$75,000-\$99,999	dummy for made intern purch	1381	.75	.43	432	.80	.40
	8. \$100,000-\$149,999	dummy for made intern purch	1167	.84	.37	581	.83	.37
	9. \$150,000 AND OVER	dummy for made intern purch	488	.85	.36	432	.92	.28

\* Basic Tables.

TABLES /FORMAT BLANK MISSING('.'')

/OBSERVATION q8p8

/TABLES hhinccat > ( q8p8)

BY kingco > (STATISTICS)

/STATISTICS count( ( F5.0 )) mean( ) stddev( ).

			dummy for king co					
			.00			1.00		
			Count	Mean	Std Deviation	Count	Mean	Std Deviation
2005	1. \$0-\$4,999	# TIMES MADE INTERNET PURCHASE LAST YR	150	1.49	4.36	16	6.25	8.63
HOUSEHOLD INCOME RECODES	2. \$5,000-\$14,999	# TIMES MADE INTERNET PURCHASE LAST YR	707	1.65	5.56	80	2.00	7.67
	3. \$15,000-\$24,999	# TIMES MADE INTERNET PURCHASE LAST YR	752	2.77	7.63	137	2.16	4.39
	4. \$25,000-\$34,999	# TIMES MADE INTERNET PURCHASE LAST YR	933	3.84	19.68	171	4.09	11.84
	5. \$35,000-\$49,999	# TIMES MADE INTERNET PURCHASE LAST YR	1373	5.13	12.99	330	4.61	6.58
	6. \$50,000-\$74,999	# TIMES MADE INTERNET PURCHASE LAST YR	2284	8.42	20.38	418	9.83	27.09
	7. \$75,000-\$99,999	# TIMES MADE INTERNET PURCHASE LAST YR	1381	11.50	25.73	432	9.14	15.05
	8. \$100,000-\$149,999	# TIMES MADE INTERNET PURCHASE LAST YR	1167	13.33	27.02	581	11.16	15.18
	9. \$150,000 AND OVER	# TIMES MADE INTERNET PURCHASE LAST YR	488	13.95	18.99	432	29.58	91.31