```
 SAVE OUTFILE=
    '/Users/jeromy/teaching/org-research-methods/2013/content/01-introduction-data-analysis/
    '/data/bfi.sav'
  /COMPRESSED.
GET
  FILE='/Users/jeromy/teaching/org-research-methods/2013/content/01-introduction-data-analys
DATASET NAME DataSet2 WINDOW=FRONT.
AUTORECODE VARIABLES=county
  /INTO county_labelled
  /PRINT.


county into county_labelled (County)
Old Value       New Value  Value Label

Alameda                  1  Alameda
Butte                    2  Butte
Calaveras                3  Calaveras
Contra Costa             4  Contra Costa
El Dorado                5  El Dorado
Fresno                   6  Fresno
Glenn                    7  Glenn
Humboldt                 8  Humboldt
Imperial                 9  Imperial
Inyo                    10  Inyo
Kern                    11  Kern
Kings                   12  Kings
Lake                    13  Lake
Lassen                  14  Lassen
Los Angeles             15  Los Angeles
Madera                  16  Madera
Marin                   17  Marin
Mendocino               18  Mendocino
Merced                  19  Merced
Monterey                20  Monterey
Nevada                  21  Nevada
Orange                  22  Orange
Placer                  23  Placer
Riverside               24  Riverside
Sacramento              25  Sacramento
San Benito              26  San Benito
San Bernardino          27  San Bernardino
San Diego               28  San Diego
San Joaquin             29  San Joaquin
San Luis Obisp          30  San Luis Obisp
San Mateo               31  San Mateo
Santa Barbara           32  Santa Barbara
Santa Clara             33  Santa Clara
Santa Cruz              34  Santa Cruz
Shasta                  35  Shasta
Siskiyou                36  Siskiyou
Sonoma                  37  Sonoma
Stanislaus              38  Stanislaus
Sutter                  39  Sutter
Tehama                  40  Tehama
Trinity                 41  Trinity
Tulare                  42  Tulare
Tuolumne                43  Tuolumne
Ventura                 44  Ventura
Yuba                    45  Yuba


T-TEST GROUPS=county_labelled(15 28)
  /MISSING=ANALYSIS
  /VARIABLES=read
```

```
  /CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		12-JUL-2013 18:45:16
Comments		
Input	Data	/Users/jeromy/teaching/org-research-methods/2013/content/01-introduction-data-analysis/exercises/data/caschools.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data …	420
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=county_labelled(15 28) /MISSING=ANALYSIS /VARIABLES=read /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00

```
[DataSet2] /Users/jeromy/teaching/org-research-methods/2013/content/01-introduction-data-ana
lysis/exercises/data/caschools.sav
```

Group Statistics

	county_labelled County	N	Mean	Std. Deviation	Std. Error Mean
read Average reading score	15 Los Angeles	27	645.0333	16.96333	3.26459
	28 San Diego	21	659.4571	18.41531	4.01855

Independent Samples Test

			read Average reading score	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		.011	
	Sig.		.917	
t-test for Equality of Means	t		-2.815	-2.786
	df		46	41.279
	Sig. (2-tailed)		.007	.008
	Mean Difference		-14.42380	-14.42380
	Std. Error Difference		5.12356	5.17748
	95% Confidence Interval of the Difference	Lower	-24.73700	-24.87779
		Upper	-4.11060	-3.96982