

```

1  //
2  //
3
4  //
5  //
6  clear
7  use "C:\Users\8core\Documents\Bronchiolitis_ibuprofen\Summary for Steve\QE B\data for QE
   B.dta"
8
9  //Skip as already done and time consuming
10
11  forval x = 1(1)40 {
12
13  bys id (dos) : replace county =county[`x'] if county ==""
14
15  }
16
17
18  //County FIPS codes
19  gen matchvar =trim(county)
20  merge m:1 matchvar using
   "C:\Users\8core\Documents\Bronchiolitis_ibuprofen\Maps\county_fips.dta", gen(_cty_merge)
21  replace CountyFIPSCode ="75" if county == "San Francisco"
22  replace GUName = "San Francisco" if regexm(county,"San Francisco") //missing county
   details
23
24  cap drop cty_visits
25  bys GUName : gen cty_visits = _N
26  lab var cty_visits "Number of vists per county"
27
28
29  cap drop cty_br_clean
30  cap drop cty_br_noisy
31  cap drop cty_br_ratio
32  cap drop cty_br_any
33  cap drop cty_br_clean_prop
34
35
36  bys GUName :egen cty_br_clean = total(bronchiolitis_clean)
37  bys GUName :egen cty_br_noisy = total(bronchiolitis_noisy)
38  bys GUName :egen cty_br_any = total(bronchiolitis_any)
39  bys GUName : gen cty_br_ratio = cty_br_clean / cty_br_noisy
40  replace cty_br_ratio=0 if cty_br_ratio ==.
41
42  bys GUName :gen cty_br_cl_prop = cty_br_clean/cty_br_any
43
44  //County totals
45
46  drop if county =="" |county == "UNKNOWN"
47  cap rename CountyFIPSCode fips
48  cap drop county_code
49  replace fips = "075" if GUName == "San Francisco"
50
51  gen long fips1 = real(fips)
52
53
54  stop
55  #delimit ;
56
57
58  collapse agelt6 age male2
59  cty_br_clean cty_br_noisy cty_br_ratio cty_br_cl_prop fips1 bronchiolitis_clean
   bronchiolitis_noisy bronchiolitis_an
60  (count) cty_visits fips1
61
62  ,by(GUName)
63  ;
64  #delimit cr
65
66

```

```
67 save "C:\Users\8core\Documents\Bronchiolitis_ibuprofen\Maps\test1.dta" , replace
68
69 clear
70 use cadb.dta
71
72 merge 1:1 GUName using "C:\Users\8core\Documents\Bronchiolitis_ibuprofen\Maps\test1.dta"
73
74
75 spmap cty_br_cl_prop using cacoord.dta , id(id) fcolor(Greens2) clnumber(8)
76
77
```