# 11.188/205 Lab Reflection
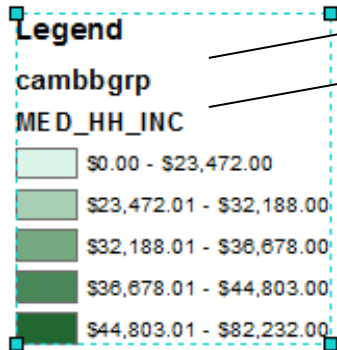
## Labs One and Two

# Lab 1

— — —

## Making legend more readable

### Layer name

### Field name
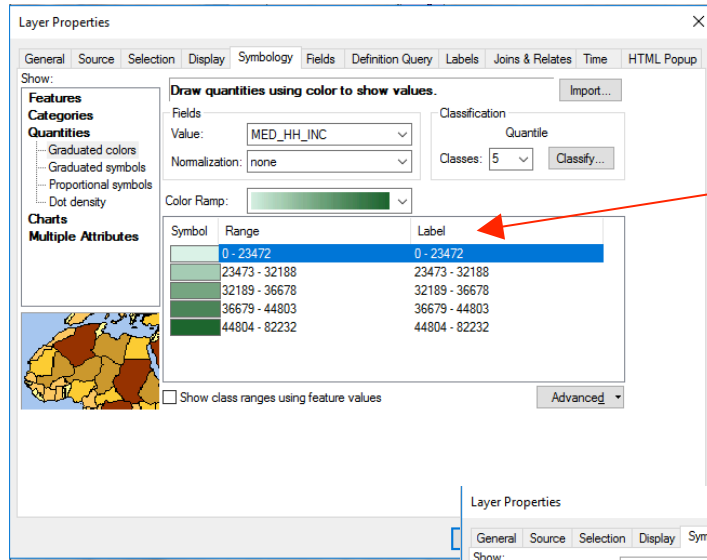
# Lab 1

———

Formatting labels
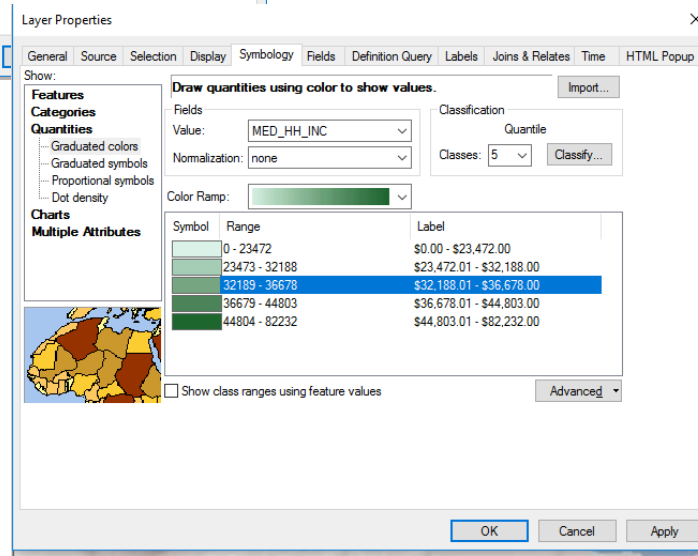
    Decimal points

    Thousand separators

    Percentage
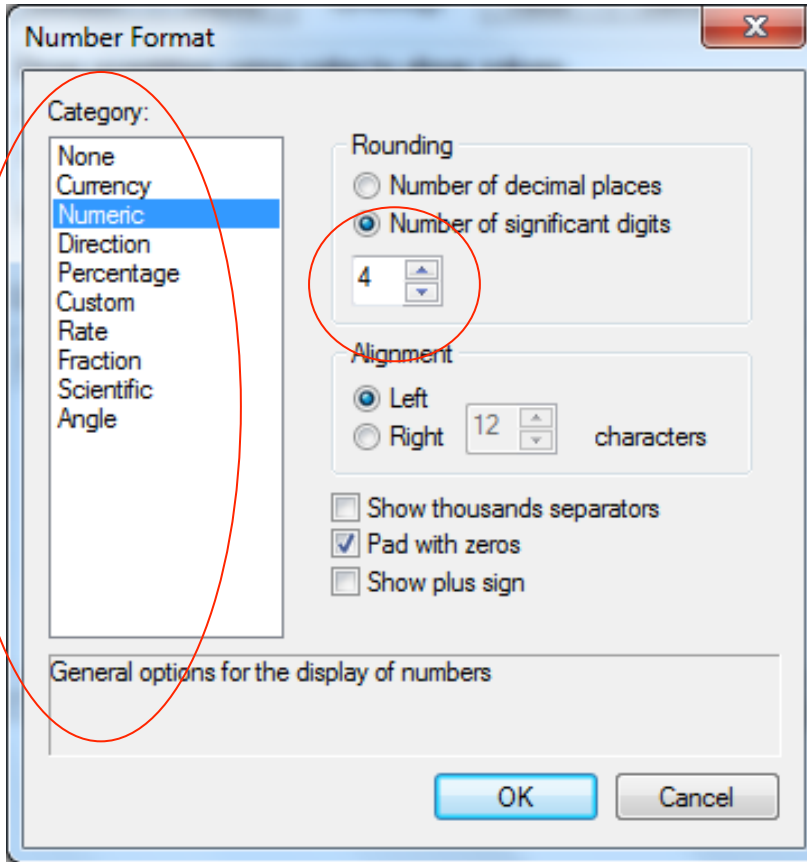
    Dollar signs

    Customized labels



Click "Label" and "Format Labels…"

# Tips
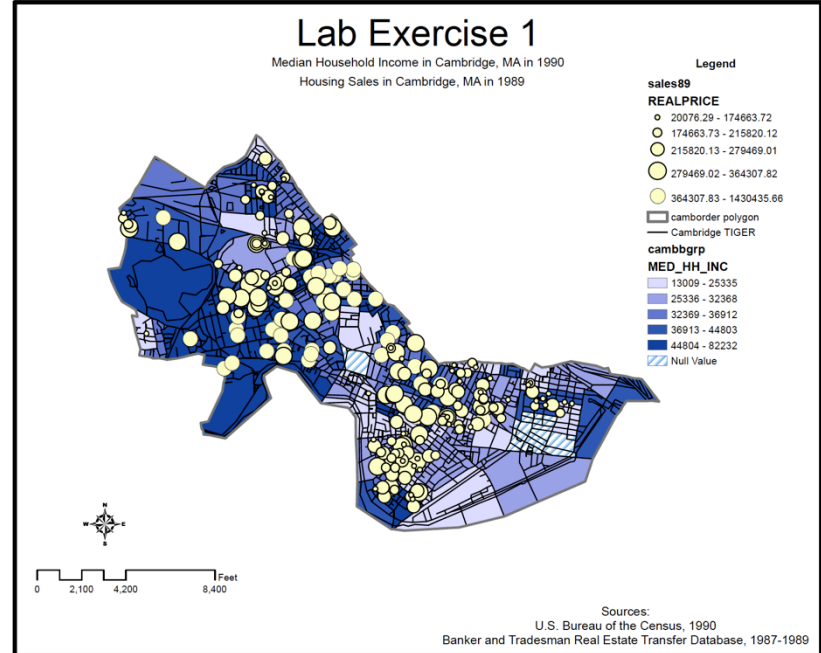
———

Under properties/ Symbology, click on "label" to format layer info.

# Lab 1

– – –

Sizes

# Sample work

- - -

Colors

Size of points
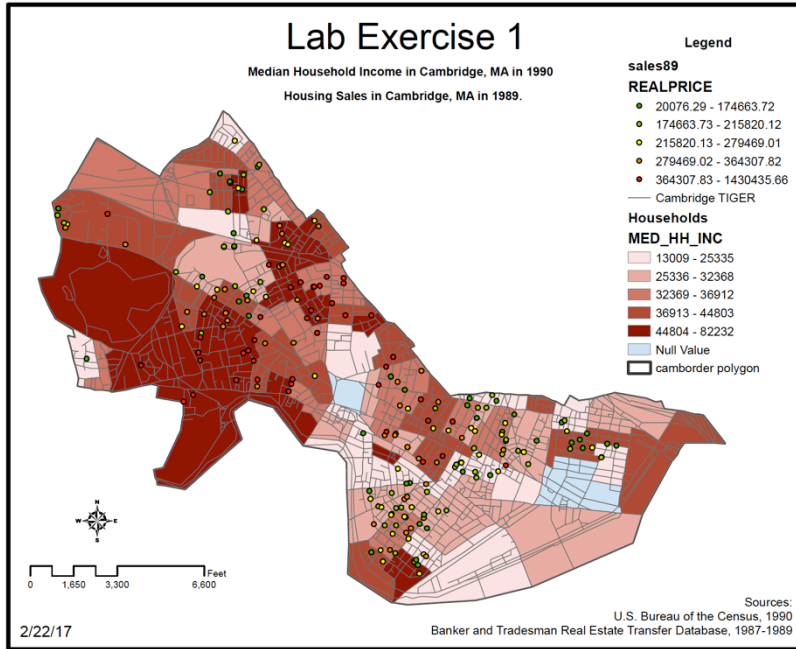
Outlines

Layer names

Units



**Lab Exercise 1**

Median Household Income (1990)
and Housing Sales (1989) in Cambridge, MA

**Legend**

**Median Household Income**
- $13,009 - $25,335
- $25,336 - $32,368
- $32,369 - $36,912
- $36,913 - $44,803
- $44,804 - $82,232
- No Data Available

**Housing Sales**
- $20,076.29 - $174,663.72
- $174,663.73 - $215,820.12
- $215,820.13 - $279,469.01
- $279,469.02 - $364,307.82
- $364,307.83 - $1,430,435.66

**Streets**
- Streets

Sources:
U.S. Bureau of the Census, 1990
Banker and Tradesman Real Estate Transfer Database, 1987-1989

0   1,250   2,500       5,000  Feet

# Labs 1 & 2

_ _ _

Read and follow the instructions

Submit all parts of the exercise

If possible, please submit one PDF or Word file

# Lab 2

———

When referencing block groups:

Can use state-county-tract-block group identifier, **Stcntrbg.**

Or, if it's clear what state it is in, give the census tract number and block group numbers.
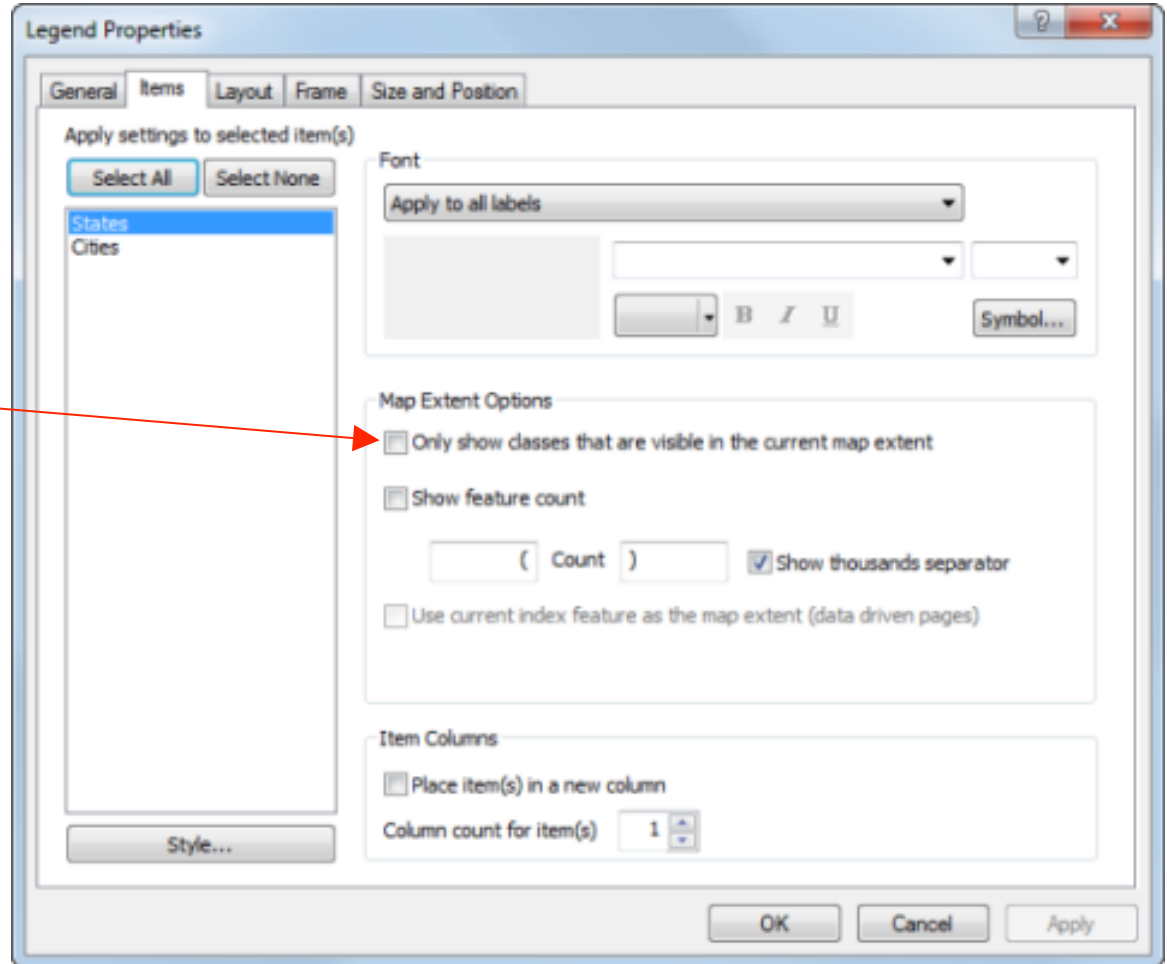
Remember that the feature ID is not the same as the block group number.

# Lab 2

– – –

How to remove classes that are not displayed

**Legend Properties**

General | Items | Layout | Frame | Size and Position

Apply settings to selected item(s)

Select All | Select None

States
Cities

**Font**

Apply to all labels

B *I* U | Symbol...

**Map Extent Options**

☐ Only show classes that are visible in the current map extent

☐ Show feature count

( Count ) ☑ Show thousands separator

☐ Use current index feature as the map extent (data driven pages)

**Item Columns**

☐ Place item(s) in a new column

Column count for item(s) 1

Style...

OK | Cancel | Apply

**Major Roads**

━━ Limited Access

━━ Multilane Highway

— Other numbered

— Major Road

# Lab 2

———

Can make text background opaque to improve readability
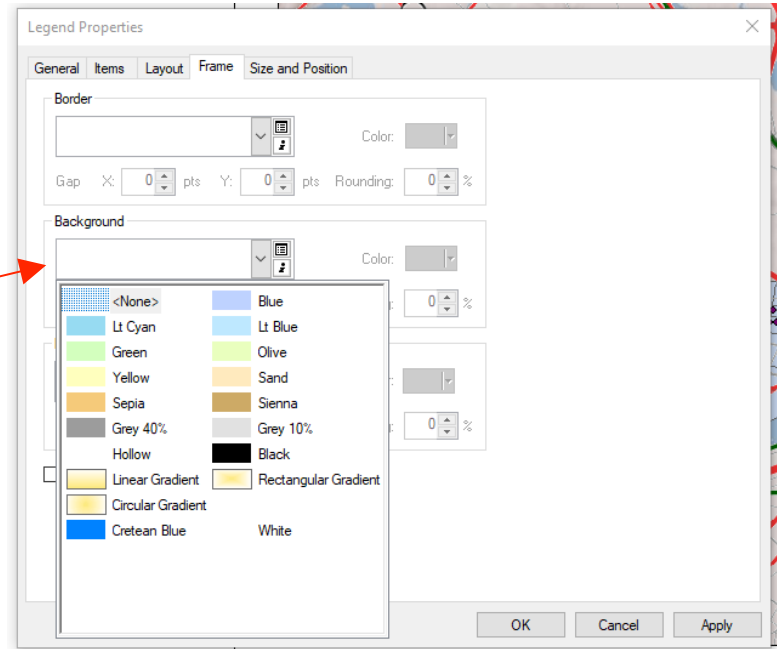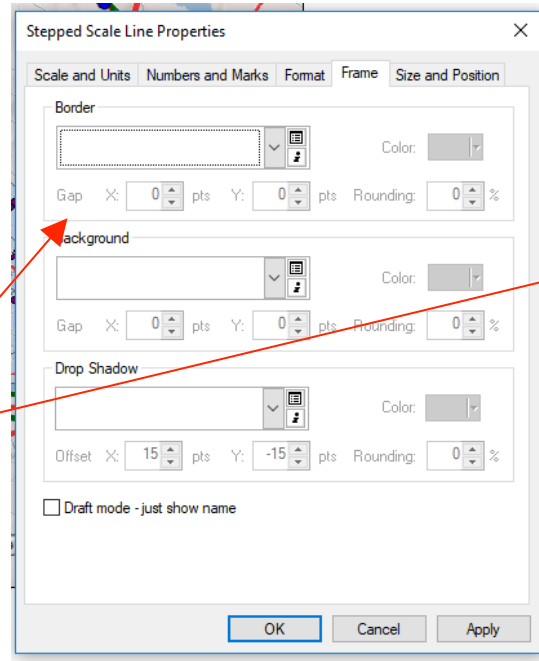
# Tips

— — —

Right-click on scale bar to customize it:

. Set division units

. Set division value

. Set number of divisions and subdivisions

. When resizing: Adjust width