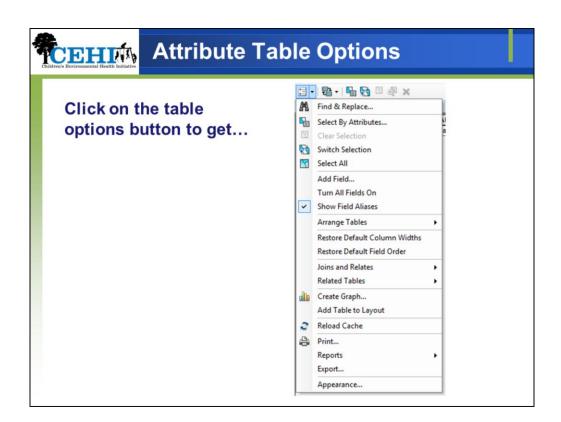


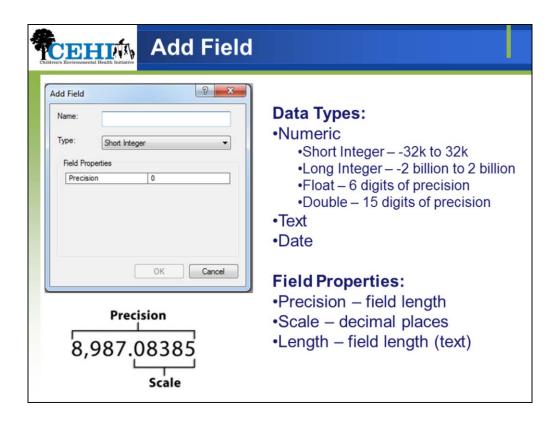


Learning Objectives

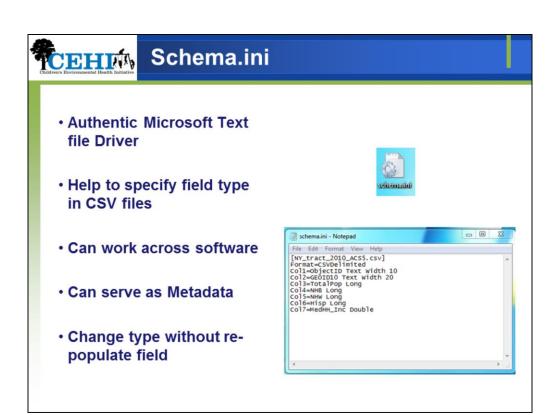
- · Learn how to add and populate new attribute fields
- Explore the Field Calculator
- · Work in an edit session

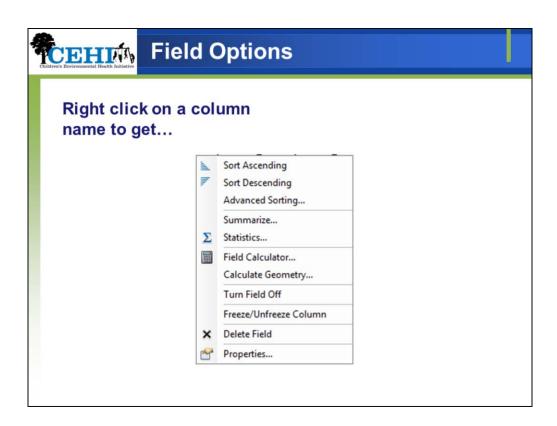


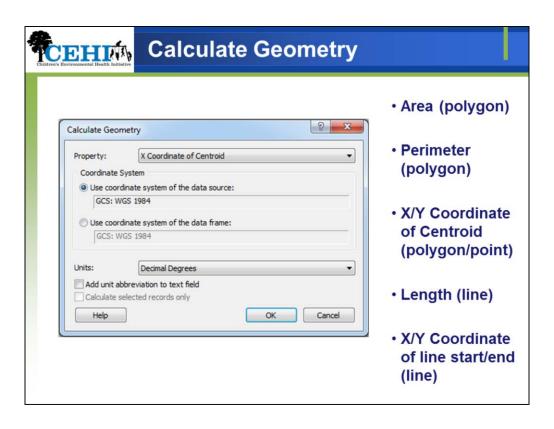


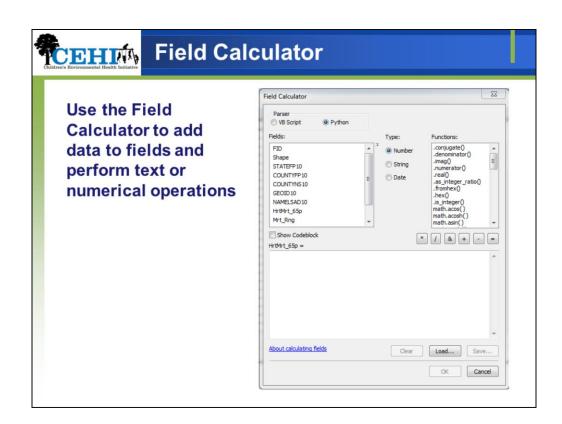


Leaving these options as 0 will not create any restrictions – this is the default











Use Python in Field Calculator

Numbers and characters are different in computer. e.g. 0 # '0', 5 # '5'

Concatenate Text

Convert Types

Substring

Split Text

Convert Case

'Python' + ' ' + 'Cheat' = 'Python Cheat'

str(50) = '50', str(11.5) = '11.5'

"Python"[2:4] = "th"

"Python_Cheat".split("_")[0] = "Python"

"Python".lower() = "python"





- · In an edit session you can...
 - · Manually manipulate data cells (type, delete, etc)
 - · Create new features (polygons, points, lines) in existing shapefiles
 - Modify the geometry of existing features in a shapefile
 - Use the Replace function of Find/Replace
- · In an edit session, you cannot create a new field
- · Don't mess with geometries unless it is absolutely necessary!!!