Joining Lower Level Data to Higher Levels

Peter S. Wattson Senate Counsel

- 1. Set aggregation defaults for lower layer, e.g. ccblk.cdf
 - Open lower layer a.
 - Open dataview b.
 - i. Modify Table
 - (1)Aggregation
 - (a) Add: data fields for population, election results, etc.
 - (b) None: everything else
 - Index: Yes for all fields (2)
 - (3) OK, Yes to modify table
 - Close dataview с.
- 2. Join to higher layer, e.g. ccvtd.cdf
 - Open layer a.
 - b. Open dataview
 - c. Join
 - i. Layer From (upper box)
 - e.g. Precincts00 (1)
 - Field: e.g. VTD (2)
 - ii. Table To (lower box)
 - e.g., ccblk.bin (1)
 - (2)Field: e.g. VTD
 - iii. Options
 - (1)**One-to-Many Join**
 - Show joined view in a dataview (2)
 - OK one-to-many join iv.
 - Redistricting Plan Utilities Copy Joined Fields d.
 - Modify Table e.
 - i. Drop excess fields
 - Index remaining fields ii.
 - Set aggregation default to include new fields (Add only) iii.
- Join to next higher layer, e.g. ccmcd.cdf
 - Open layer a.
 - Open dataview b.
 - c. Join
 - Layer From (upper box) i.
 - e.g. Citytown00 (1)
 - (2)Field: e.g. MCD
 - Table To (lower box) ii.
 - e.g., ccvtd.bin (1)

3.

- (2) Field: e.g. MCD
- iii. Options
 - (1) One-to-Many Join
 - (2) Show joined view in a dataview
- iv. OK one-to-many join
- d. Redistricting Plan Utilities Copy Joined Fields
- e. Modify Table
 - i. Drop excess fields
 - ii. Index remaining fields
 - iii. Set aggregation default to include new fields (Add only)