Introduction To ArcMap

ArcMap

ArcMap is a Map-centric GUI tool used to perform map-based tasks

- Mapping
  - Create maps by working geographically and interactively
- Display and present
  - Export or print
  - Publish on WWW
- Edit
  - Update data
  - Modify features
- Query
- Chart
- Reporting
  - Embed maps in reports

ArcMap is a Map-centric GUI tool used to perform map-based tasks

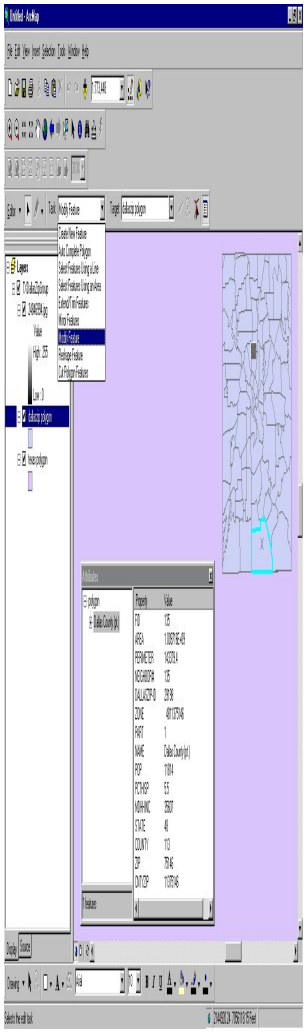
- Analyze
  - Visualize information
    - See patterns
    - Reveal hidden trends
    - Show relationships between features
  - Solve problems
    - Where is
    - How close
    - How much
    - What if
- Develop custom mapping applications based on ArcMap components

ArcMap

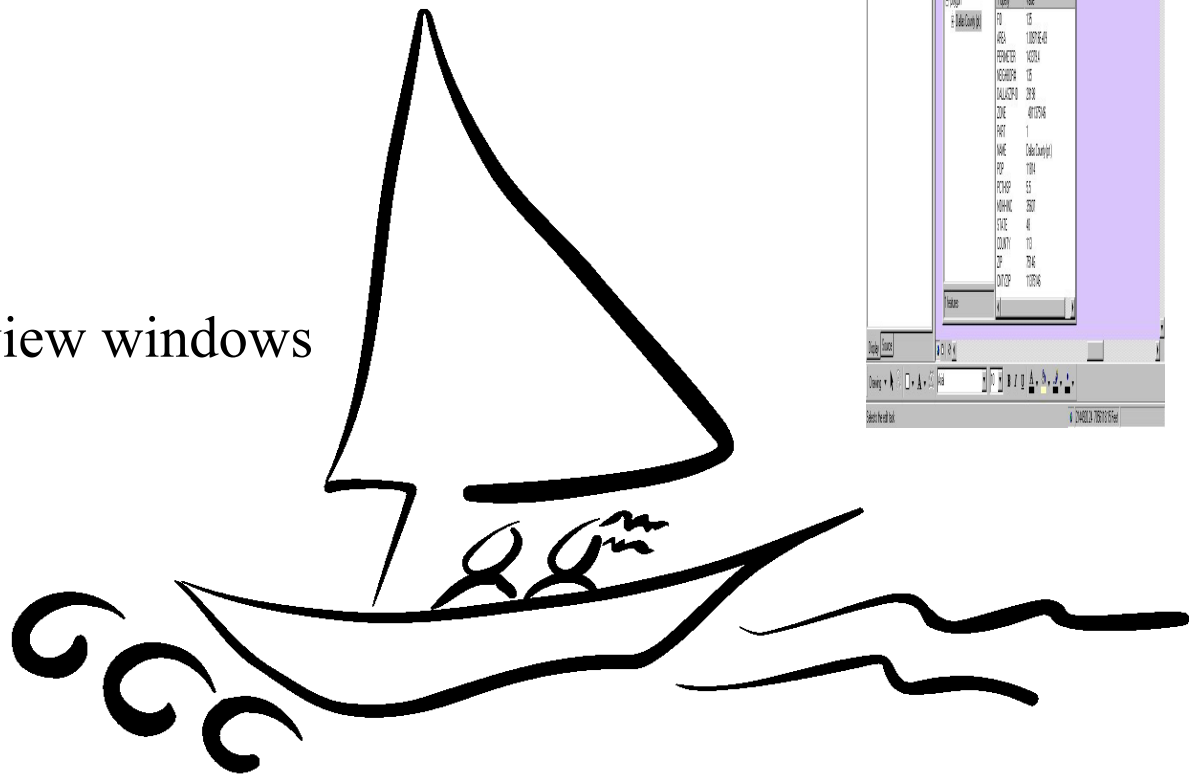
- Is both a data editor as well as map generator
- Provides two different ways to view a map on the fly
  - Data view
  - Layout view

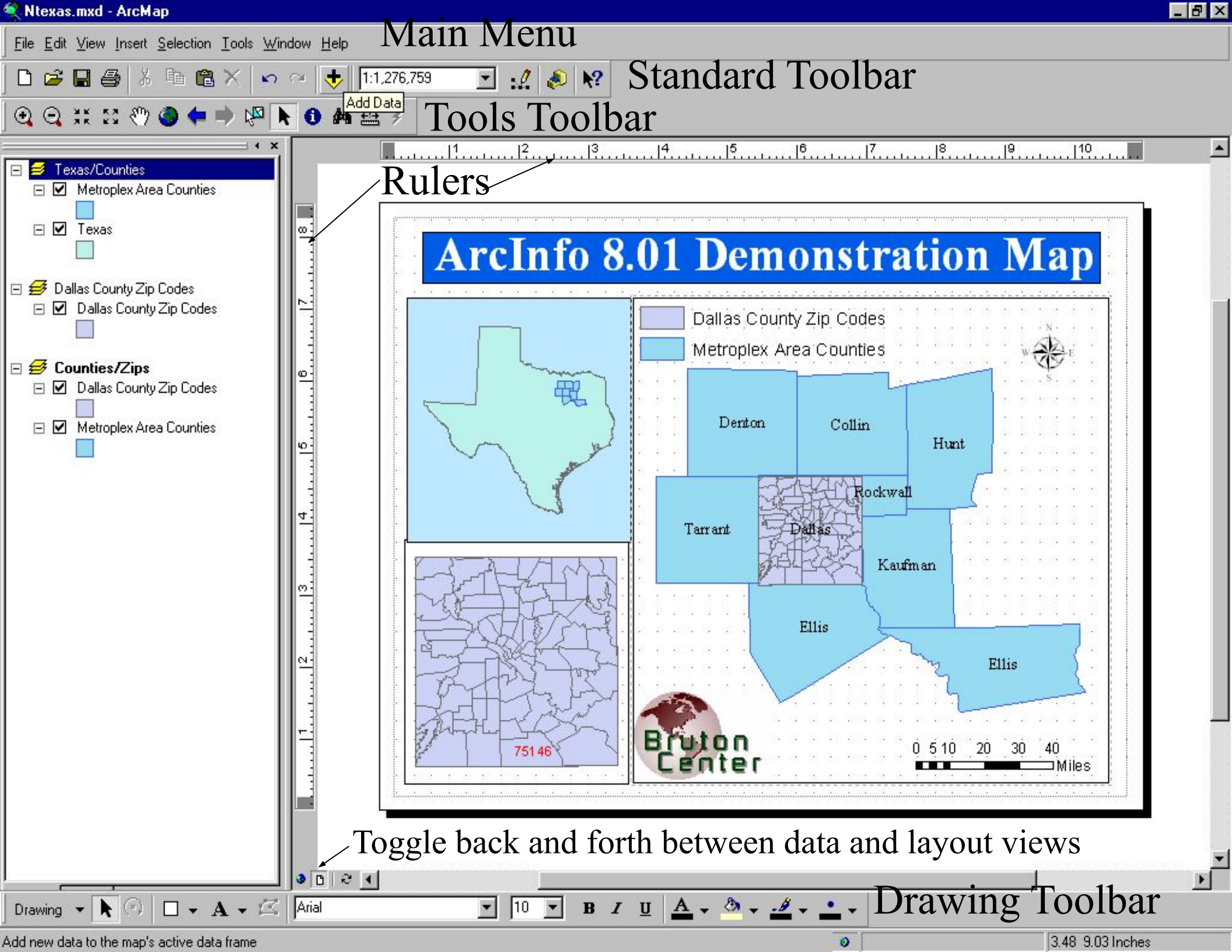
Navigating Around the Map

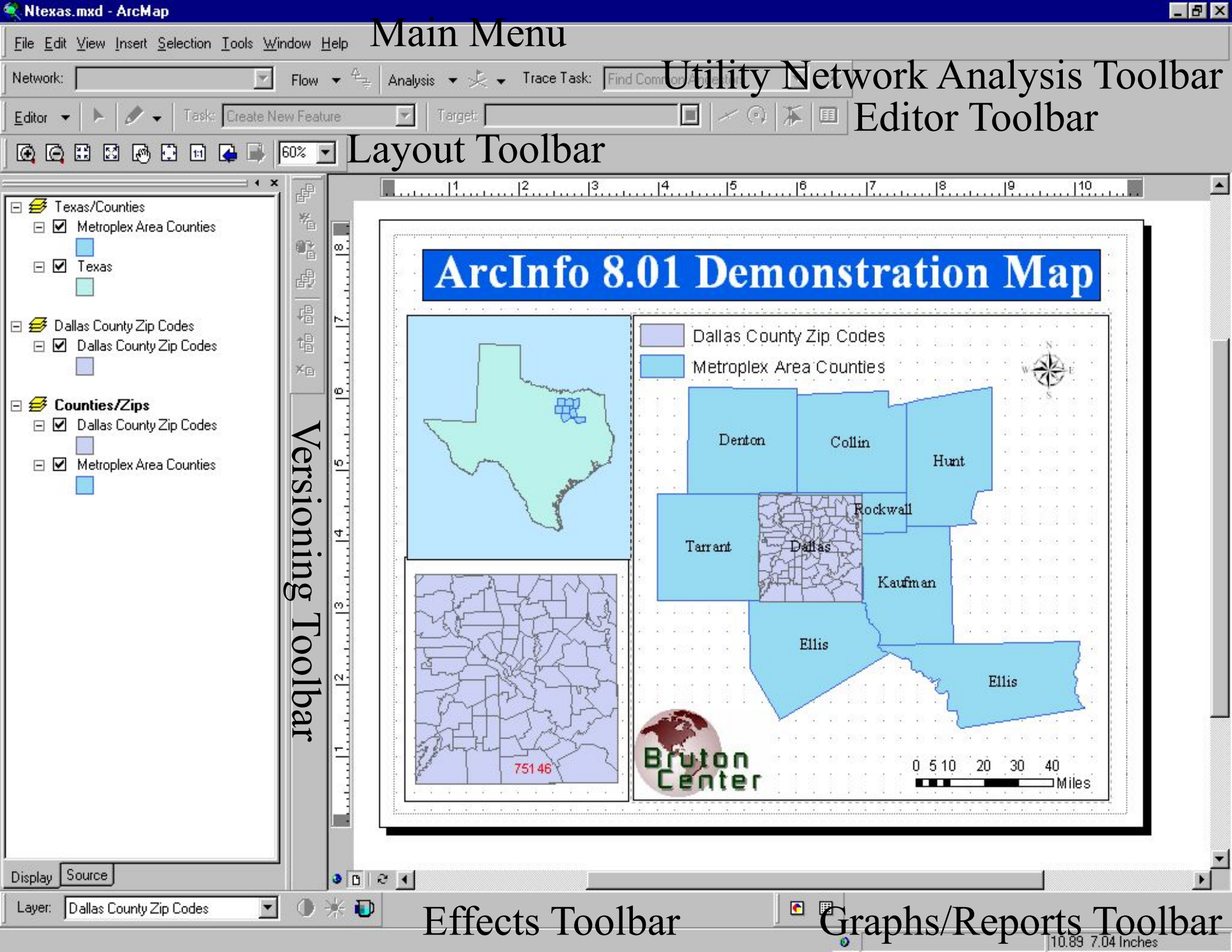
- Main Menu
- Toolbars
  - Standard
  - Tools
  - Drawing
  - Utility Network Analysis
  - Editor
  - Layout
  - Effects
  - Graphs/Reports



- Create Spatial Bookmarks
- Open magnifier and overview windows
- Find Features




Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
Main Menu
1:1,276,759
Add Data
Standard Toolbar
Tools Toolbar
Texas/Counties
Metroplex Area Counties
Texas
Dallas County Zip Codes
Dallas County Zip Codes
Counties/Zips
Dallas County Zip Codes
Metroplex Area Counties
Rulers
ArcInfo 8.01 Demonstration Map
Dallas County Zip Codes
Metroplex Area Counties
Denton
Collin
Hunt
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Ellis
75146
Bruton Center
0 5 10 20 30 40
Miles
Toggle back and forth between data and layout views
Drawing
Arial
10
Drawing Toolbar
Add new data to the map's active data frame
3.48 9.03 Inches


Ntexas.mxd - ArcMap
Main Menu
File Edit View Insert Selection Tools Window Help
Utility Network Analysis Toolbar
Network: Flow Analysis Trace Task:
Editor Toolbar
Editor Task: Create New Feature Target:
Layout Toolbar
60%
Texas/Counties
Metroplex Area Counties
Texas
Dallas County Zip Codes
Dallas County Zip Codes
Counties/Zips
Dallas County Zip Codes
Metroplex Area Counties
Versioning Toolbar
ArcInfo 8.01 Demonstration Map
Dallas County Zip Codes
Metroplex Area Counties
Denton
Collin
Hunt
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Ellis
75146
Bruton Center
0 5 10 20 30 40
Miles
Display Source
Layer: Dallas County Zip Codes
Effects Toolbar
Graphs/Reports Toolbar
10.89 7.04 Inches

Map Layers & Data Frames

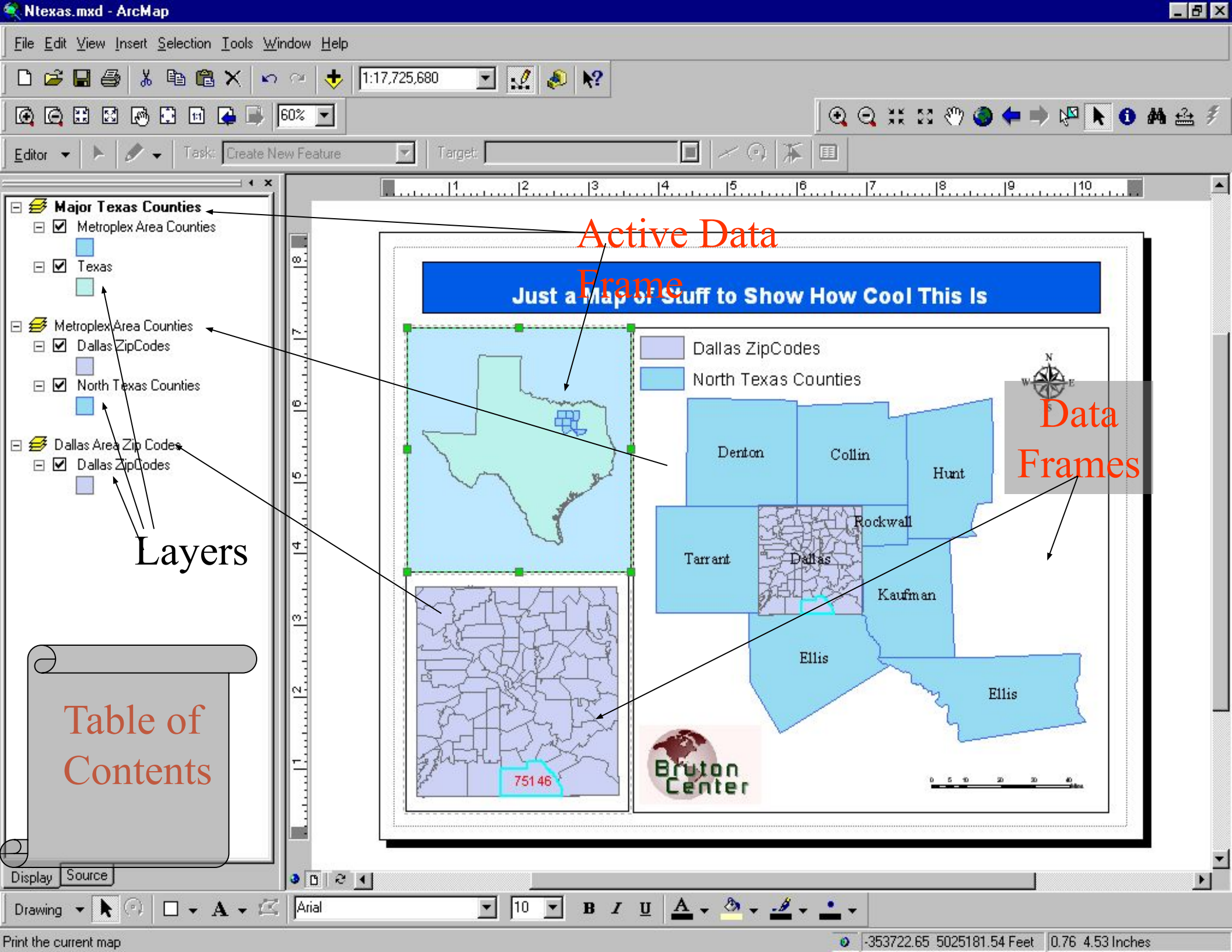
- Arcinfo 8 maps have layers and data frames
- Data frames organize layers similar to ArcView Views
- Data frames have a map extent and a map projection
- Layers are like ArcView themes, but persistent
- Layers represent your geographic data with colors and symbols
- Layers support
  - Thematic mapping
  - Single symbol values
  - Unique value
  - Graduated color ramps
  - Proportional symbols
  - Look up tables
  - Pie and bar chart maps

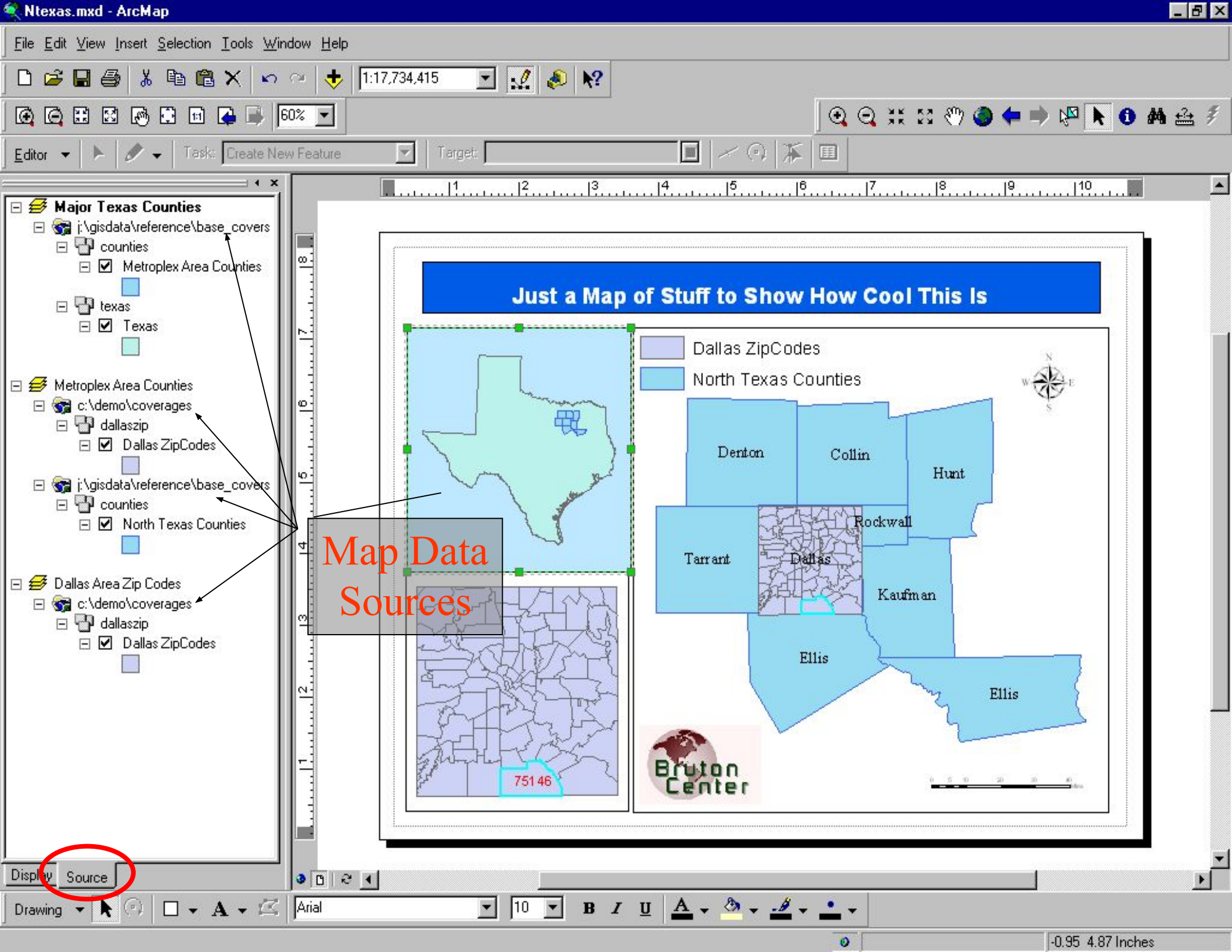
Layers

- A layer defines how to display the geographic data it references.
- When you add a layer to a map, ArcMap references the data source the layer is based on.
- When a map is saved data references are stored with it.
- Maps opened in ArcMap locate data based on stored references.
- As in ArcView, if the data location has changed you will be prompted to locate the data source yourself, or ignore the reference in which case the layer will not be drawn.
- ArcMap allows storage of relative pathnames to data sources referenced on a map. This allows you to distribute you data and maps in the same directory. The reference on the map would be correct regardless of where they were placed on the disk.
- It is very easy to add layers to a map.
  - All you do is drag the layer from ArcCatalog to the data frame.

Managing Layers in ArcMap

- In ArcMap you can…
  - Change a layers's text description
  - Change a layer's drawing order
  - Copy layers
  - Remove layers from a map
  - Group layers together
  - Access layer properties
  - Display layers at different scales
  - Use data frames to organize layers
  - Save a layer to a disk
  - Repair broken data links

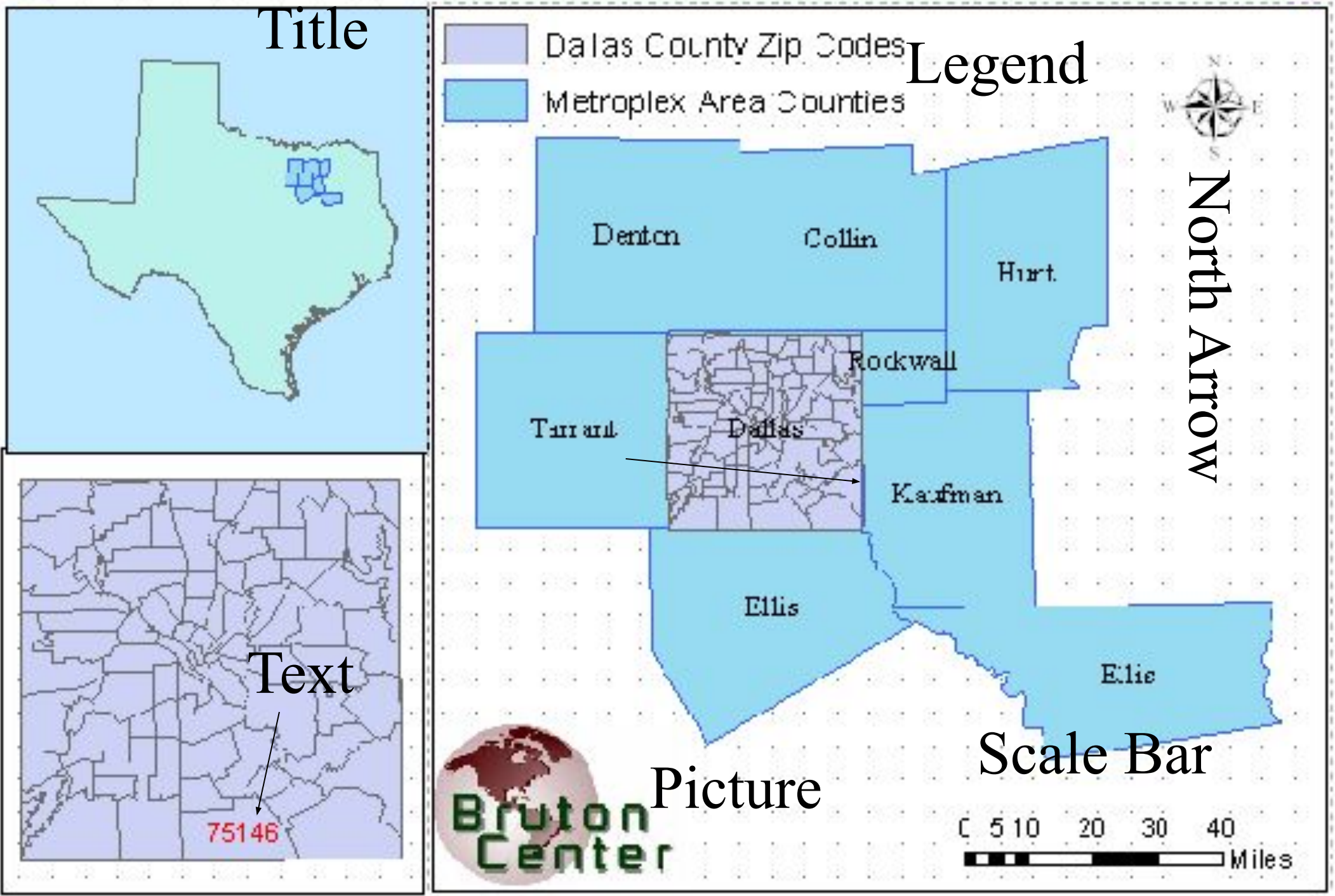

Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
1:17,725,680
60%
Editor
Task: Create New Feature
Target:
Major Texas Counties
Metroplex Area Counties
Texas
Metroplex Area Counties
Dallas ZipCodes
North Texas Counties
Dallas Area Zip Codes
Dallas ZipCodes
Layers
Table of Contents
Active Data Frame
Just a Map of Stuff to Show How Cool This Is
Dallas ZipCodes
North Texas Counties
Denton
Collin
Hunt
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Ellis
75146
Bruton Center
Data Frames
Display
Source
Drawing
Arial
10
Print the current map
-353722.65 5025181.54 Feet
0.76 4.53 Inches


Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
1:17,734,415
60%
Editor
Task: Create New Feature
Target:
Major Texas Counties
j:\gisdata\reference\base_covers
counties
Metroplex Area Counties
texas
Texas
Metroplex Area Counties
c:\demo\coverages
dallaszip
Dallas ZipCodes
j:\gisdata\reference\base_covers
counties
North Texas Counties
Dallas Area Zip Codes
c:\demo\coverages
dallaszip
Dallas ZipCodes
Map Data Sources
Display
Source
Drawing
Arial
10
Just a Map of Stuff to Show How Cool This Is
Dallas ZipCodes
North Texas Counties
Denton
Collin
Hunt
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Ellis
75146
Bruton Center
-0.95 4.87 Inches

Inserting Map Elements

- ArcMap makes it easy to add……
  - Titles
  - Legends
  - North arrows
  - Scale bars
  - Scale text
  - Label text
  - Pictures

ArcInfo 8.01 Demonstration Map



Labeling Map Features

- Labels are text on a map that provides additional information about a feature
  - Can label on the fly with any or several attributes
  - Advanced options for label placement and visibility
  - Labels can be made into annotation layers and stored in geodatabases with relationships to a feature class

Managing Annotation

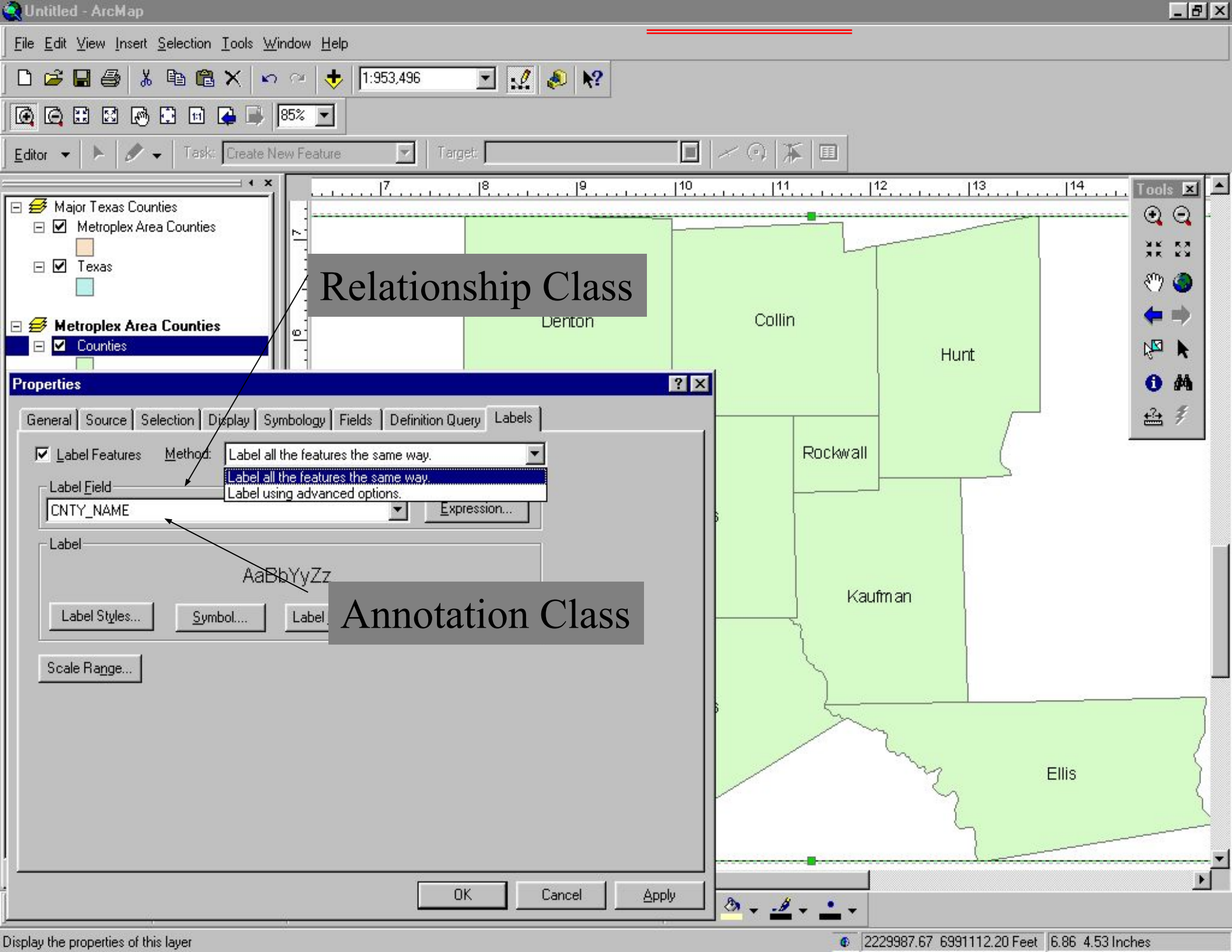
- Annotation refers to the process of automating text placement OR to the text itself
- In addition to geometry and location, geographic features can have descriptive text associated with them, e.g., streets with names
- Annotation may also be a geographically located piece of text independent of other features, e.g., Name of mountain range on map

Geodatabase Annotation

- Annotation can be created for feature classes in the geodatabase
  - Stored in annotation classes (special feature classes) as ESRI annotation features
  - Annotation classes can be managed in **ArcCatalog** the same way as feature classes and tables
- Two kinds of annotation in a geodatabase
  - Feature-linked – annotation class is linked to another feature class in the geodatabase via relationship class
    - Relationship class is managed as any other relationship class
  - Nonfeature-linked – geographically placed text stings not associated with geodatabase feature classes
    - No relationship class linking it to a feature class

Coverage Annotation

- Annotation in coverages can be converted to geodatabase annotation classes using ArcMap
- Converted coverage annotation cannot be feature-linked
  - Relationship classes can be created to link feature classes to converted coverage annotation but the behavior is different than true feature-linked annotation

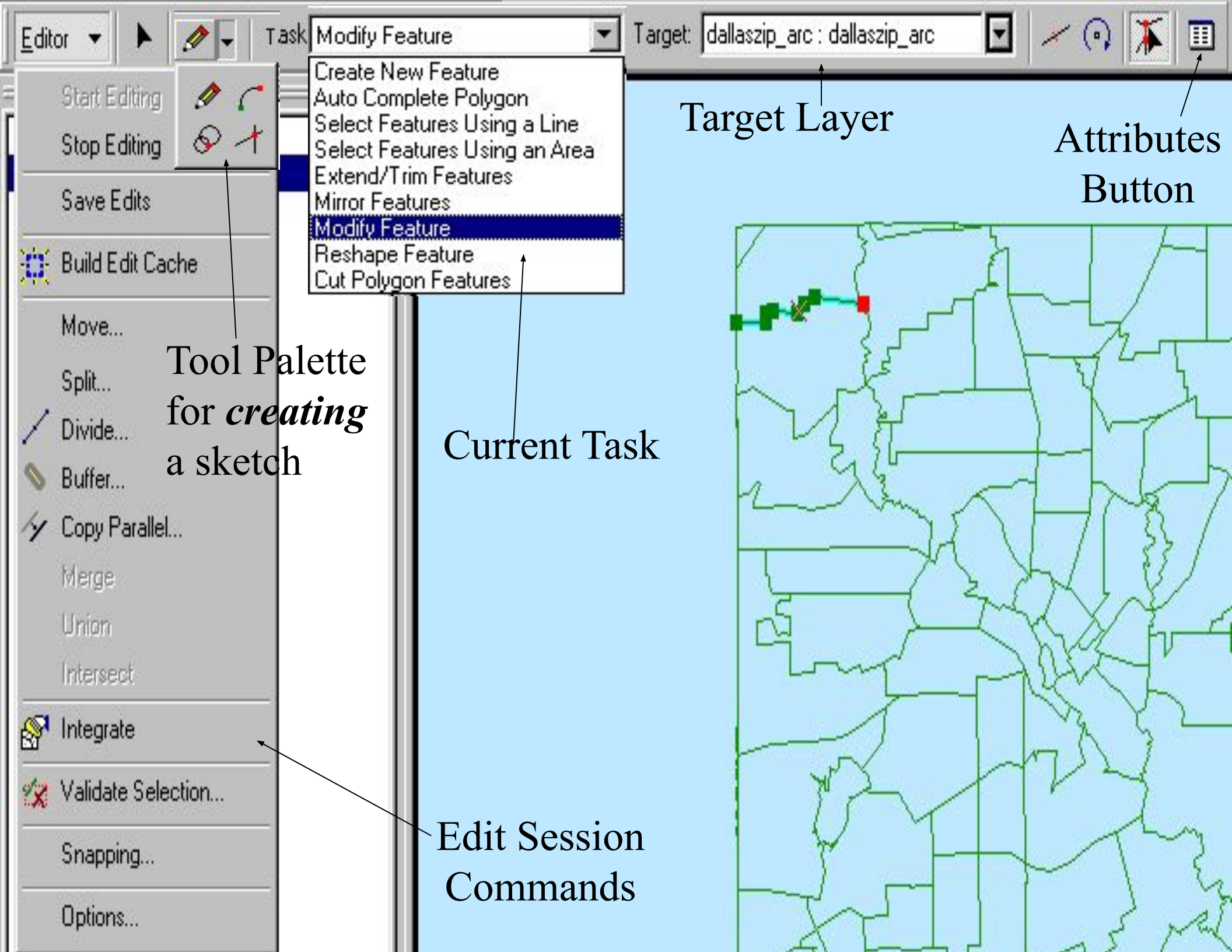

Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
1:953,496
85%
Editor
Task: Create New Feature
Target:
Major Texas Counties
Metroplex Area Counties
Texas
Metroplex Area Counties
Counties
Relationship Class
Denton
Collin
Hunt
Rockwall
Kaufman
Ellis
Tools
Properties
General Source Selection Display Symbology Fields Definition Query Labels
Label Features
Method:
Label all the features the same way.
Label all the features the same way.
Label using advanced options.
Label Field
CNTY_NAME
Expression...
Label
AaBbYyZz
Label Styles...
Symbol...
Label
Annotation Class
Scale Range...
OK
Cancel
Apply
Display the properties of this layer
2229987.67 6991112.20 Feet
6.86 4.53 Inches

ArcMap Editing

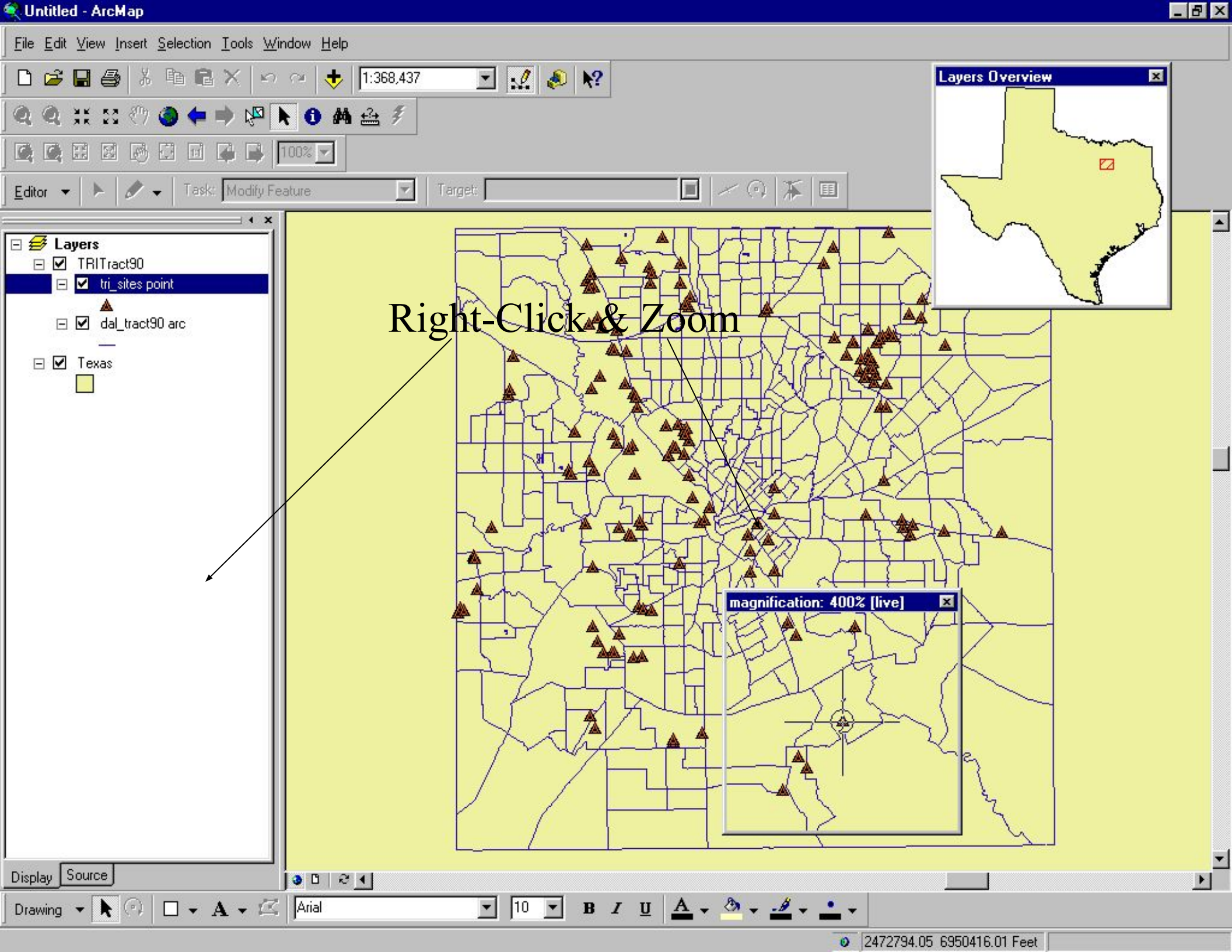
- ArcMap editor has tools to edit ….
  - Tables.
  - Shapefiles.
  - Coverages.
  - Geodatabases (personal & SDE).
- Direct Geodatabase editing (personal & SDE).
- Cad-like.
- Rule based.
- Long transactions.
- Un-do, re-do.
- Edit many layers at the same time.

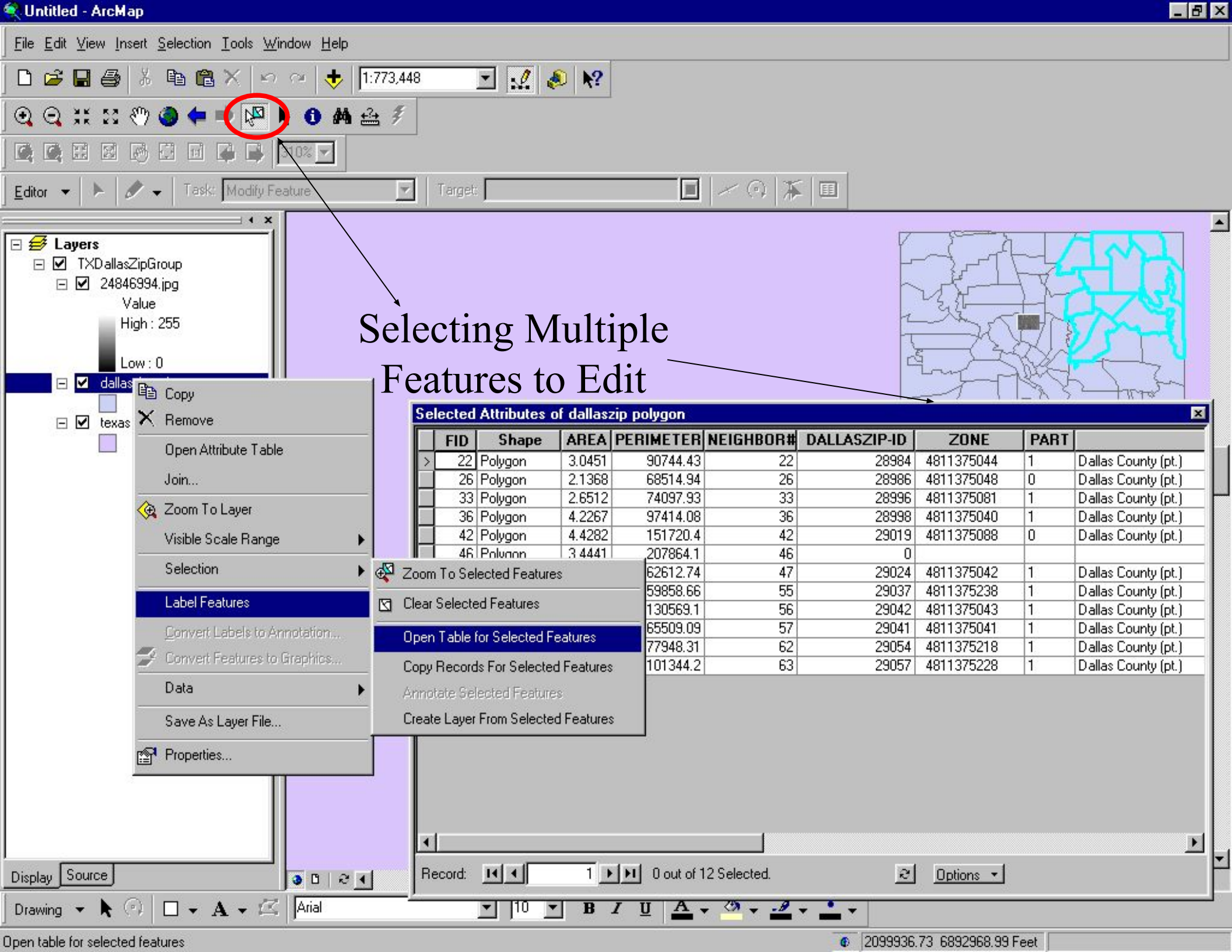
ArcMap Editing

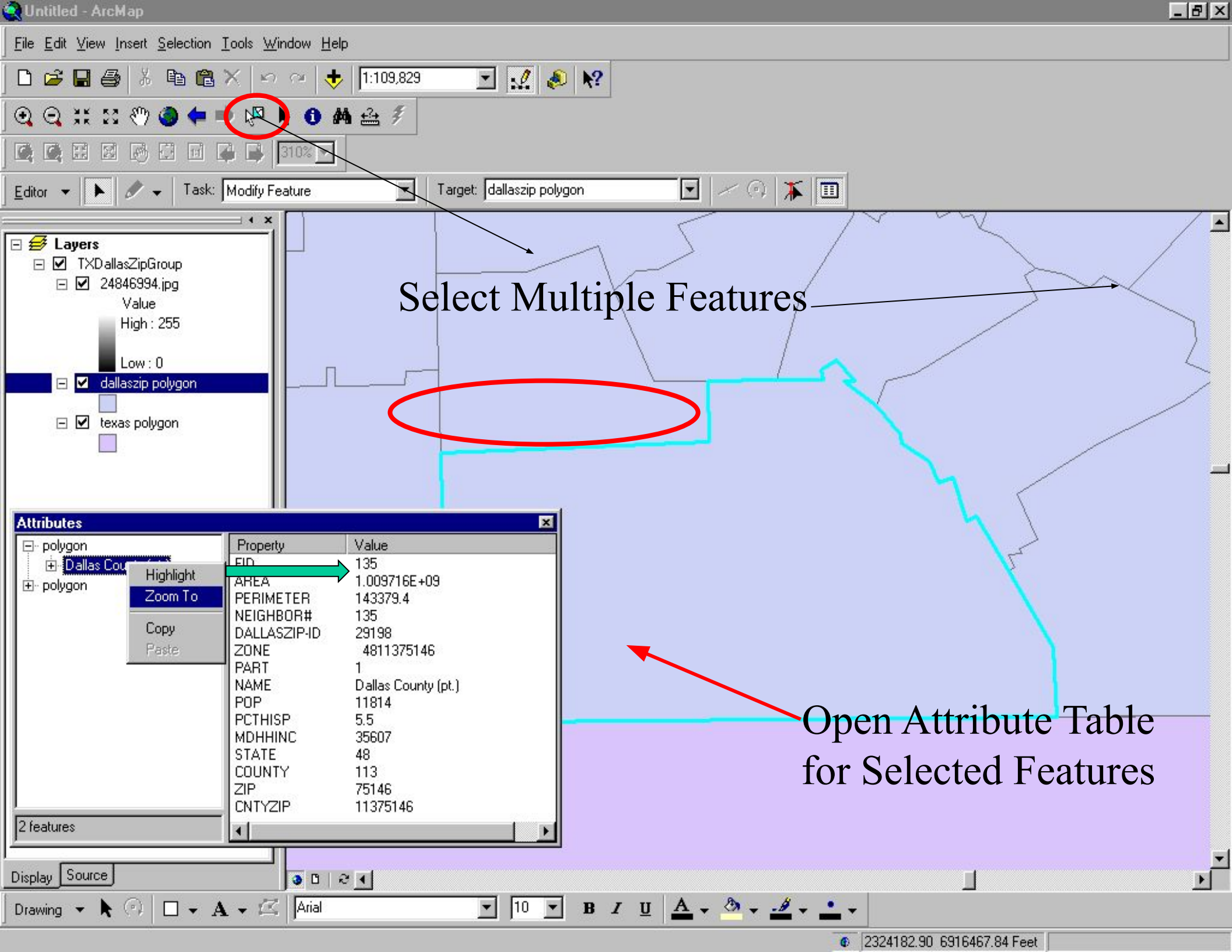
- All editing takes place within an edit session
- Editing sessions are started and ended from editor menu on editor toolbar
- Can edit attributes interactively from ArcMap
- Can edit multiple features in one session
- Can copy and paste individual or multiple attribute values from feature to feature


Editor
Task:
Modify Feature
Target:
dallaszip_arc : dallaszip_arc
Start Editing
Stop Editing
Save Edits
Build Edit Cache
Move...
Split...
Divide...
Buffer...
Copy Parallel...
Merge
Union
Intersect
Integrate
Validate Selection...
Snapping...
Options...
Create New Feature
Auto Complete Polygon
Select Features Using a Line
Select Features Using an Area
Extend/Trim Features
Mirror Features
Modify Feature
Reshape Feature
Cut Polygon Features
Target Layer
Attributes Button
Tool Palette for *creating* a sketch
Current Task
Edit Session Commands

Open Attribute Table

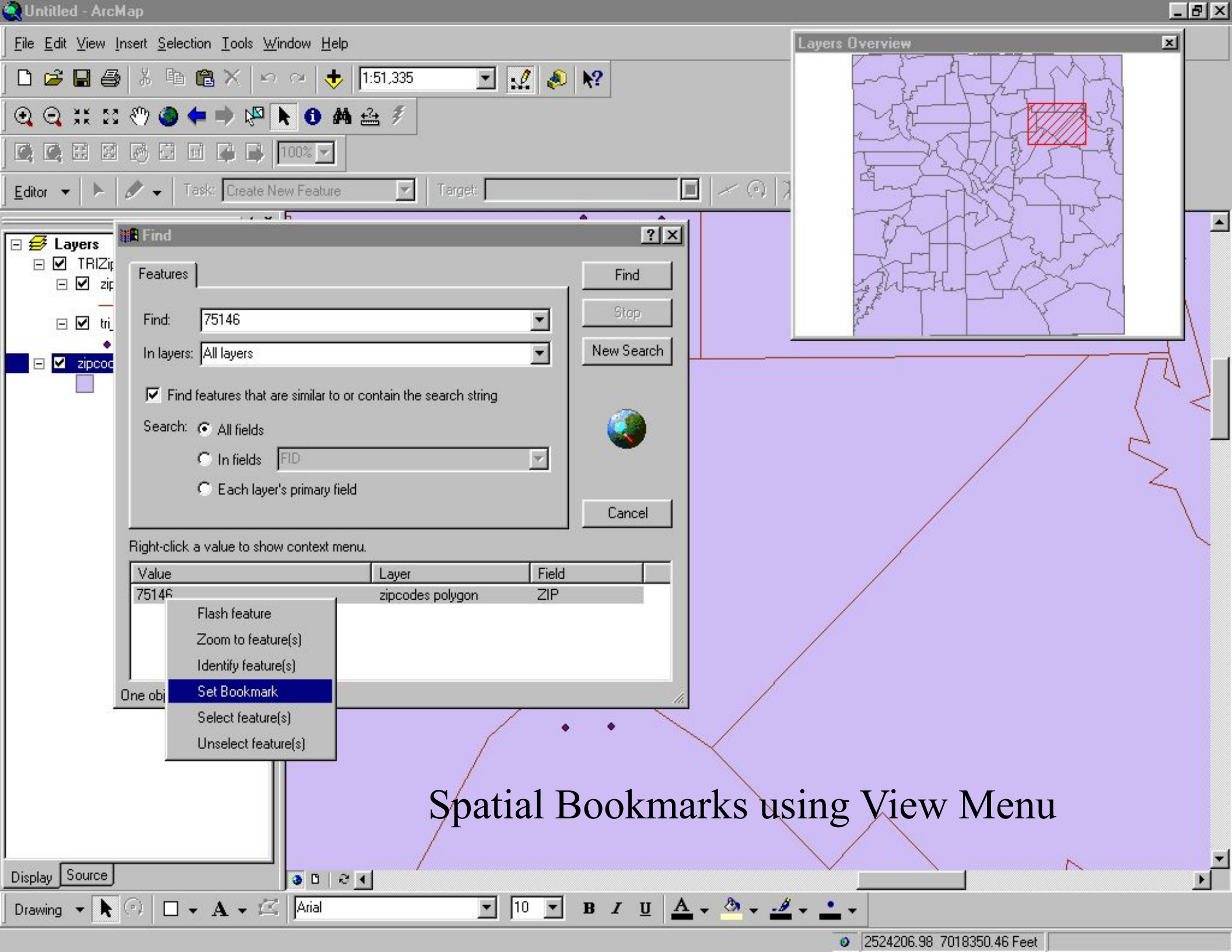

Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
1:368,437
100%
Editor
Task: Modify Feature
Target:
Layers Overview
Layers
TRITract90
tri_sites point
dal_tract90 arc
Texas
Right-Click & Zoom
magnification: 400% [live]
Display
Source
Drawing
Arial
10
2472794.05 6950416.01 Feet

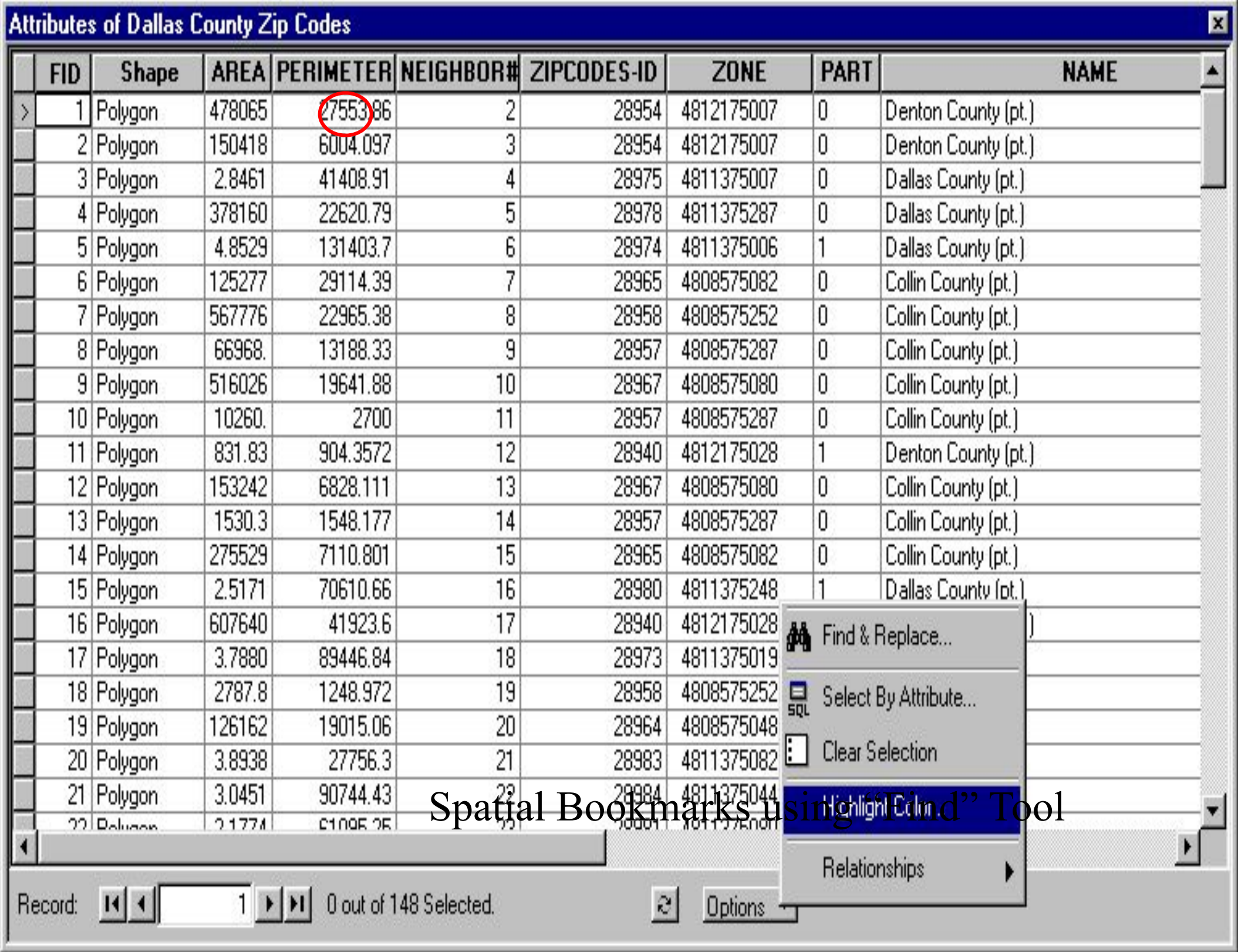

Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
1:773,448
Editor
Task: Modify Feature
Target:
Layers
TXDallasZipGroup
24846994.jpg
Value
High : 255
Low : 0
dallas
texas
Copy
Remove
Open Attribute Table
Join...
Zoom To Layer
Visible Scale Range
Selection
Label Features
Convert Labels to Annotation...
Convert Features to Graphics...
Data
Save As Layer File...
Properties...
Zoom To Selected Features
Clear Selected Features
Open Table for Selected Features
Copy Records For Selected Features
Annotate Selected Features
Create Layer From Selected Features
Selecting Multiple Features to Edit
Selected Attributes of dallaszip polygon
FID Shape AREA PERIMETER NEIGHBOR# DALLASZIP-ID ZONE PART
22 Polygon 3.0451 90744.43 22 28984 4811375044 1 Dallas County (pt.)
26 Polygon 2.1368 68514.94 26 28986 4811375048 0 Dallas County (pt.)
33 Polygon 2.6512 74097.93 33 28996 4811375081 1 Dallas County (pt.)
36 Polygon 4.2267 97414.08 36 28998 4811375040 1 Dallas County (pt.)
42 Polygon 4.4282 151720.4 42 29019 4811375088 0 Dallas County (pt.)
46 Polygon 3.4441 207864.1 46 0
62612.74 47 29024 4811375042 1 Dallas County (pt.)
59858.66 55 29037 4811375238 1 Dallas County (pt.)
130569.1 56 29042 4811375043 1 Dallas County (pt.)
65509.09 57 29041 4811375041 1 Dallas County (pt.)
77948.31 62 29054 4811375218 1 Dallas County (pt.)
101344.2 63 29057 4811375228 1 Dallas County (pt.)
Record: 1 0 out of 12 Selected. Options
Display Source
Drawing
Arial
10
Open table for selected features
2099936.73 6892968.99 Feet


Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
1:109,829
Editor
Task: Modify Feature
Target: dallaszip polygon
Layers
TXDallasZipGroup
24846994.jpg
Value
High : 255
Low : 0
dallaszip polygon
texas polygon
Select Multiple Features
Attributes
polygon
Dallas Cou
polygon
Highlight
Zoom To
Copy
Paste
Property
Value
FID
135
AREA
1.009716E+09
PERIMETER
143379.4
NEIGHBOR#
135
DALLASZIP-ID
29198
ZONE
4811375146
PART
1
NAME
Dallas County (pt.)
POP
11814
PCTHISP
5.5
MDHHINC
35607
STATE
48
COUNTY
113
ZIP
75146
CNTYZIP
11375146
2 features
Open Attribute Table
for Selected Features
Display
Source
Drawing
Arial
10
2324182.90 6916467.84 Feet

Spatial Bookmarks

- Pan or Zoom to area within Data Frame
- From View Menu
  - Goto Bookmarks
  - Type in a Name
- Can also create from Identify Results dialog box
- Can also create from find dialog box


Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
1:51,335
Editor
Task: Create New Feature
Target:
Layers Overview
Layers
TRIZip
zip
tri
zipcod
Find
Features
Find:
75146
In layers:
All layers
Find features that are similar to or contain the search string
Search:
All fields
In fields
FID
Each layer's primary field
Find
Stop
New Search
Cancel
Right-click a value to show context menu.
Value
Layer
Field
75146
zipcodes polygon
ZIP
Flash feature
Zoom to feature(s)
Identify feature(s)
Set Bookmark
Select feature(s)
Unselect feature(s)
One obj
Display
Source
Drawing
Arial
10
2524206.98 7018350.46 Feet
Spatial Bookmarks using View Menu

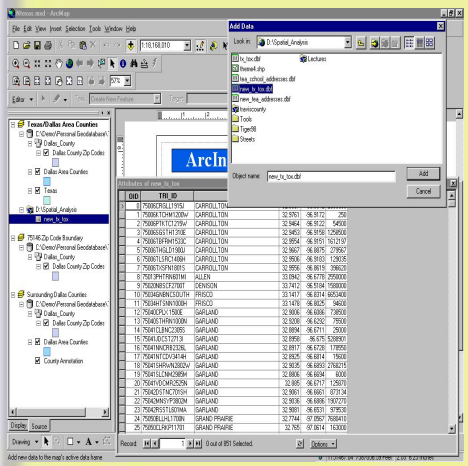


Spatial Bookmarks using "Find" Tool

Overview & Magnification Windows

- In data view only, instead of repositioning you can open……
  - Magnifier window.
    - Acts like magnifying glass.
  - Overview window.
    - Show full extent of the data.
- Handy for editing and finding your way about multiple layers.

magnification: 400% [live]



Working with Tables in ArcMap

- **Tables** – used in ArcMap to inspect attributes of geographic features
  - Rows are records
    - Records represent geographic features
      - Example
        - » Parcel
        - » Highway
        - » Lake
  - Columns are fields
    - Fields represrent attributes of a feature
      - Example
        - » Length
        - » Depth
        - » Cost

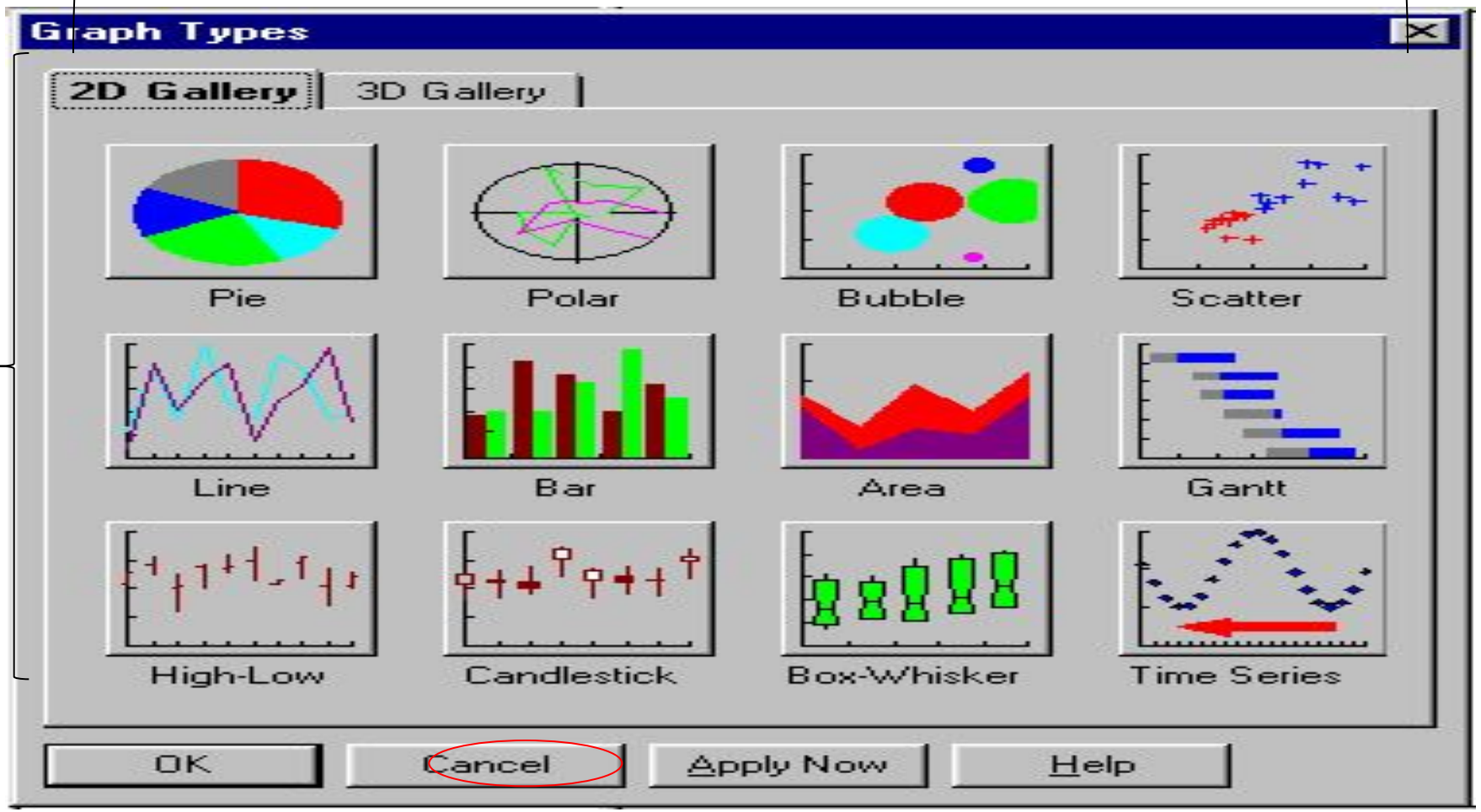
Working with Tables in ArcMap

- Add tables to maps
- Organize
  - Freeze/unfreeze columns
  - Rearrange & resize columns
- Sort records
  - Ascending & descending
  - By more than one column
- Edit
  - Add or change records & values
  - Copy and paste records & values
- Query
  - Find values using “find” tool
  - Select records interactively or by attribute with query ”wizard”
- Make simple or advanced field calculations using “field calculator” &VB scripts
- Join
  - By name or attribute (common values)
  - By location (spatial join)
- Use relationships to query information in a related table

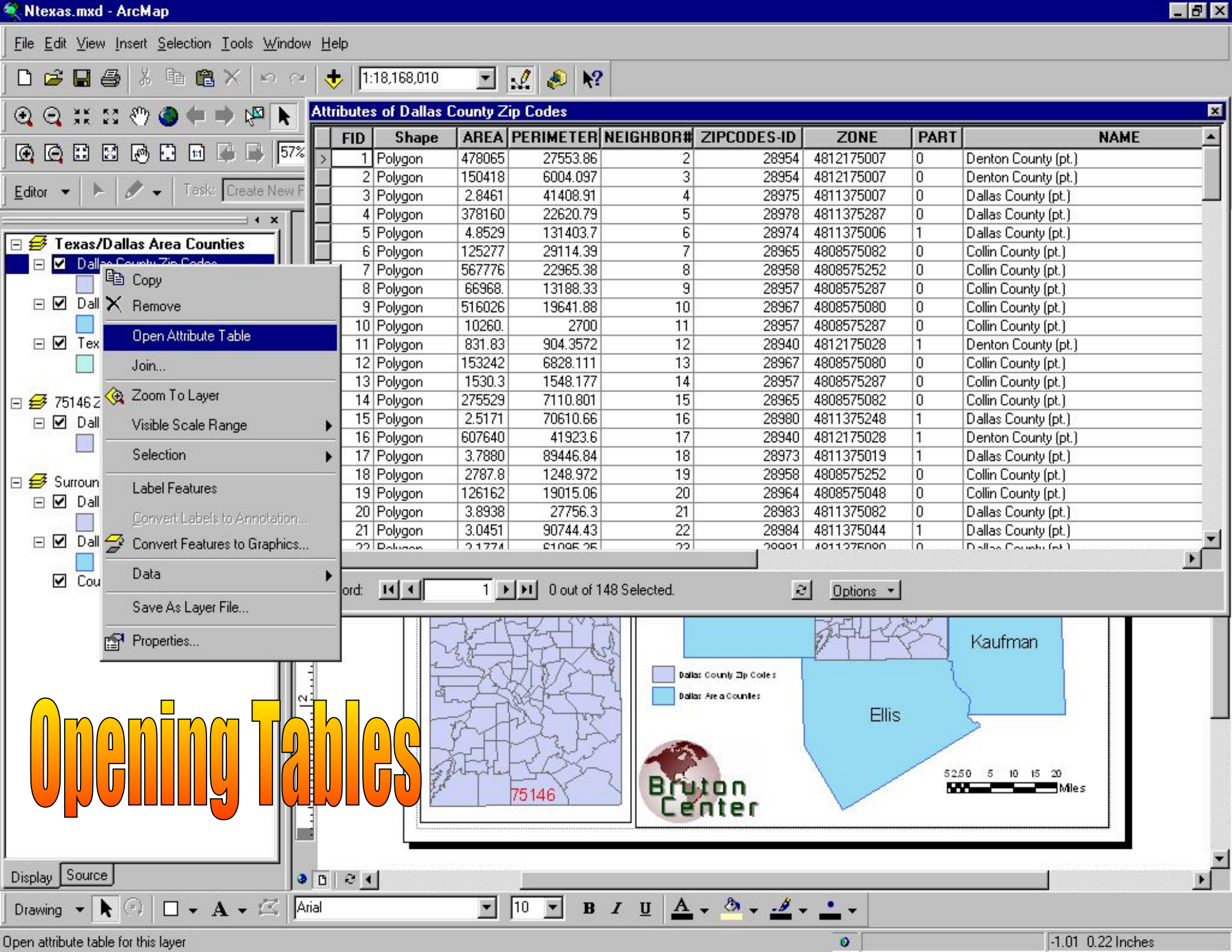
Elements of an ArcMap Table

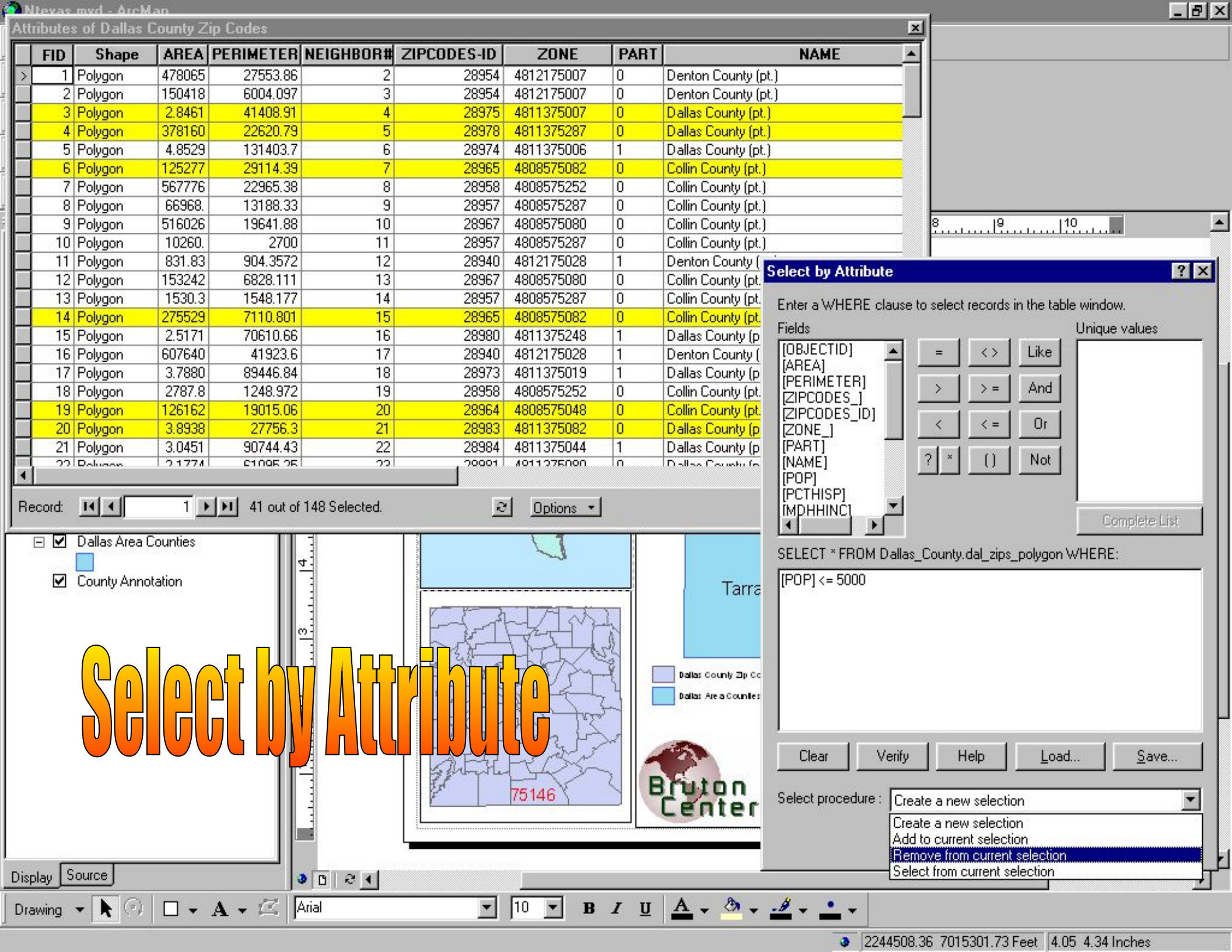
Columns or Fields

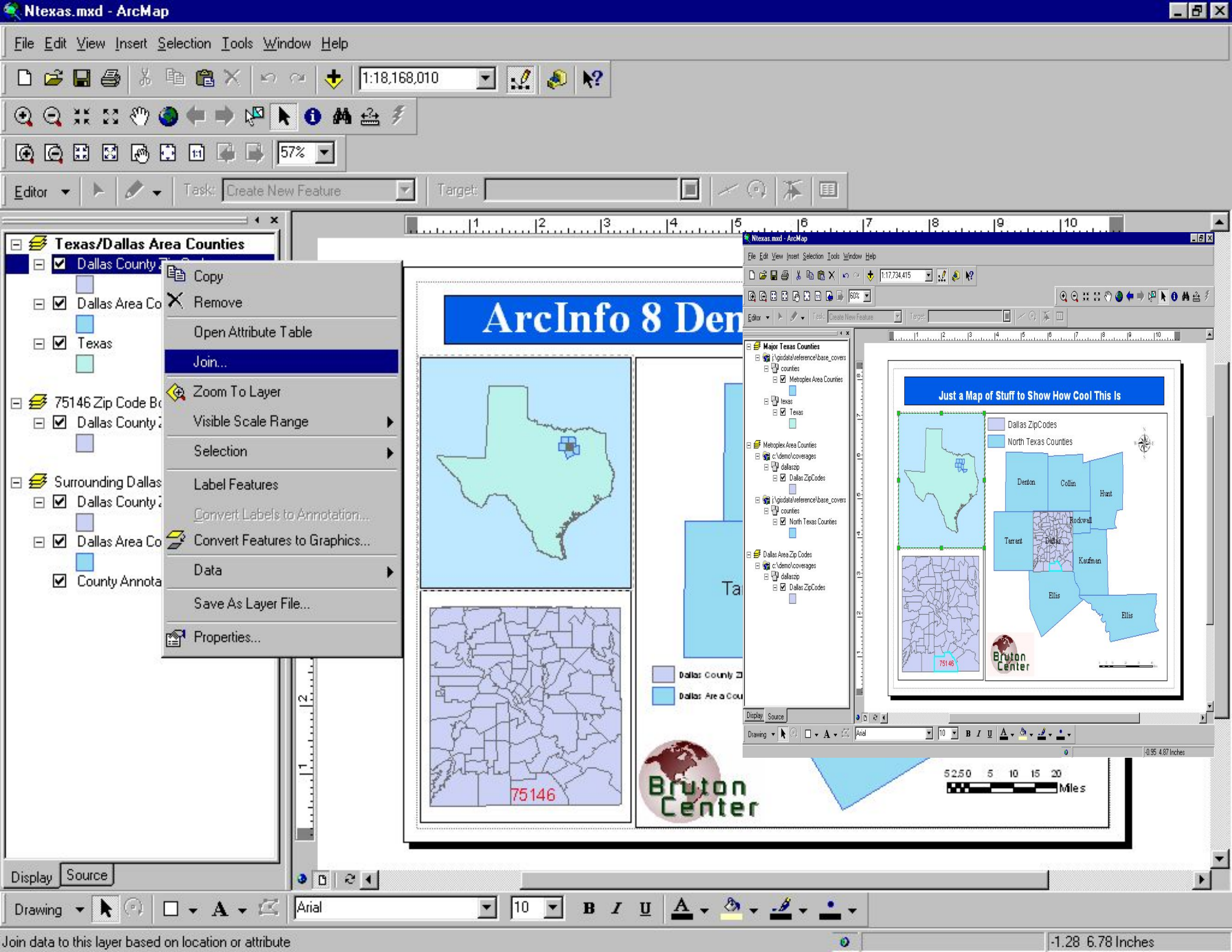
Rows or Records

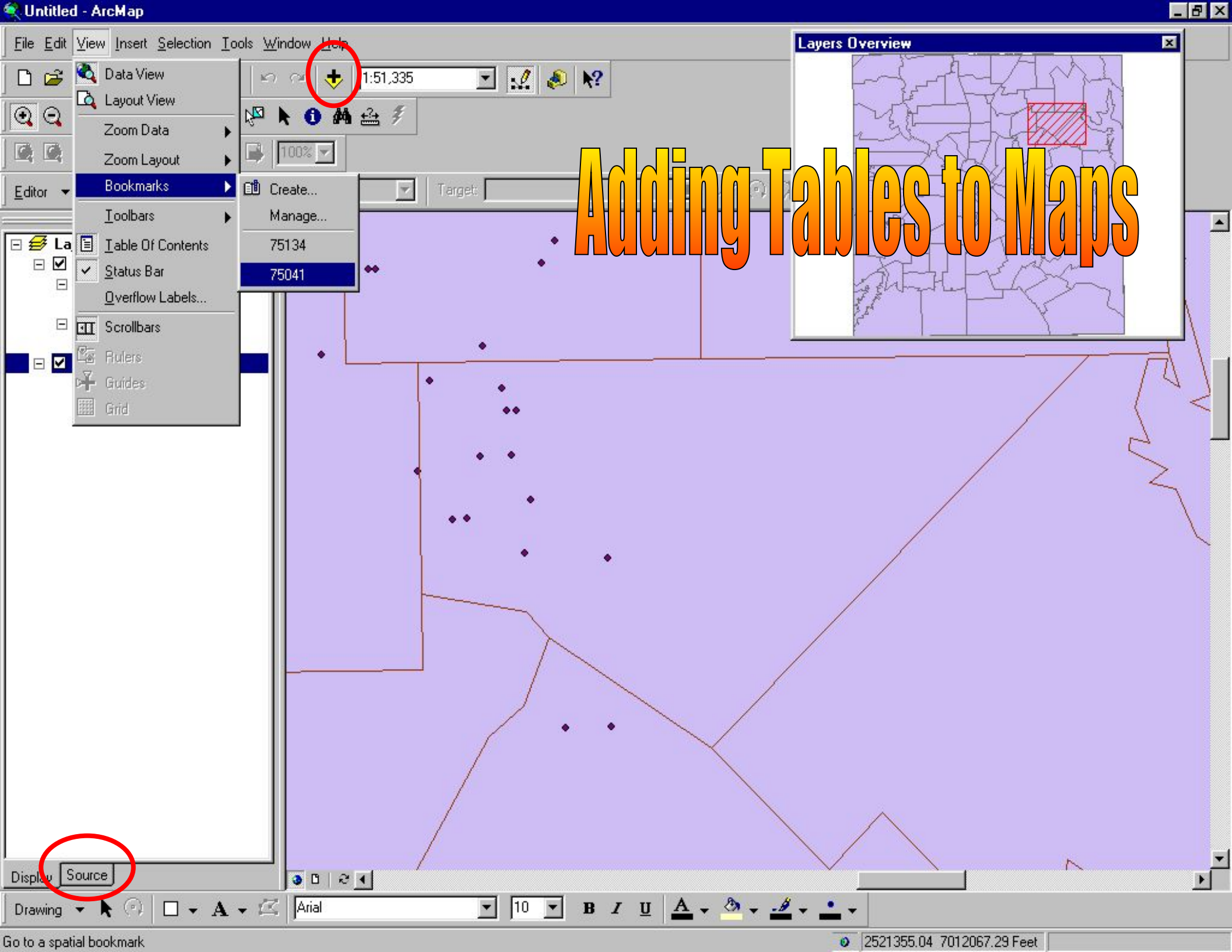


Move To Record


Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
1:18,168,010
Attributes of Dallas County Zip Codes
FID Shape AREA PERIMETER NEIGHBOR# ZIPCODES-ID ZONE PART NAME
1 Polygon 478065 27553.86 2 28954 4812175007 0 Denton County (pt.)
2 Polygon 150418 6004.097 3 28954 4812175007 0 Denton County (pt.)
3 Polygon 2.8461 41408.91 4 28975 4811375007 0 Dallas County (pt.)
4 Polygon 378160 22620.79 5 28978 4811375287 0 Dallas County (pt.)
5 Polygon 4.8529 131403.7 6 28974 4811375006 1 Dallas County (pt.)
6 Polygon 125277 29114.39 7 28965 4808575082 0 Collin County (pt.)
7 Polygon 567776 22965.38 8 28958 4808575252 0 Collin County (pt.)
8 Polygon 66968. 13188.33 9 28957 4808575287 0 Collin County (pt.)
9 Polygon 516026 19641.88 10 28967 4808575080 0 Collin County (pt.)
10 Polygon 10260. 2700 11 28957 4808575287 0 Collin County (pt.)
11 Polygon 831.83 904.3572 12 28940 4812175028 1 Denton County (pt.)
12 Polygon 153242 6828.111 13 28967 4808575080 0 Collin County (pt.)
13 Polygon 1530.3 1548.177 14 28957 4808575287 0 Collin County (pt.)
14 Polygon 275529 7110.801 15 28965 4808575082 0 Collin County (pt.)
15 Polygon 2.5171 70610.66 16 28980 4811375248 1 Dallas County (pt.)
16 Polygon 607640 41923.6 17 28940 4812175028 1 Denton County (pt.)
17 Polygon 3.7880 89446.84 18 28973 4811375019 1 Dallas County (pt.)
18 Polygon 2787.8 1248.972 19 28958 4808575252 0 Collin County (pt.)
19 Polygon 126162 19015.06 20 28964 4808575048 0 Collin County (pt.)
20 Polygon 3.8938 27756.3 21 28983 4811375082 0 Dallas County (pt.)
21 Polygon 3.0451 90744.43 22 28984 4811375044 1 Dallas County (pt.)
1 0 out of 148 Selected.
Options
Texas/Dallas Area Counties
Copy
Remove
Open Attribute Table
Join...
Zoom To Layer
Visible Scale Range
Selection
Label Features
Convert Labels to Annotation...
Convert Features to Graphics...
Data
Save As Layer File...
Properties...
Opening Tables
75146
Kaufman
Ellis
Dallas County Zip Codes
Dallas Area Counties
Bruton Center
0 2.5 5 10 15 20
Miles
Display Source
Drawing
Arial
10
Open attribute table for this layer
-1.01 0.22 Inches


Attributes of Dallas County Zip Codes
FID Shape AREA PERIMETER NEIGHBOR# ZIPCODES-ID ZONE PART NAME
1 Polygon 478065 27553.86 2 28954 4812175007 0 Denton County (pt.)
2 Polygon 150418 6004.097 3 28954 4812175007 0 Denton County (pt.)
3 Polygon 2.8461 41408.91 4 28975 4811375007 0 Dallas County (pt.)
4 Polygon 378160 22620.79 5 28978 4811375287 0 Dallas County (pt.)
5 Polygon 4.8529 131403.7 6 28974 4811375006 1 Dallas County (pt.)
6 Polygon 125277 29114.39 7 28965 4808575082 0 Collin County (pt.)
7 Polygon 567776 22965.38 8 28958 4808575252 0 Collin County (pt.)
8 Polygon 66968. 13188.33 9 28957 4808575287 0 Collin County (pt.)
9 Polygon 516026 19641.88 10 28967 4808575080 0 Collin County (pt.)
10 Polygon 10260. 2700 11 28957 4808575287 0 Collin County (pt.)
11 Polygon 831.83 904.3572 12 28940 4812175028 1 Denton County (
12 Polygon 153242 6828.111 13 28967 4808575080 0 Collin County (pt.
13 Polygon 1530.3 1548.177 14 28957 4808575287 0 Collin County (pt.
14 Polygon 275529 7110.801 15 28965 4808575082 0 Collin County (pt.
15 Polygon 2.5171 70610.66 16 28980 4811375248 1 Dallas County (p
16 Polygon 607640 41923.6 17 28940 4812175028 1 Denton County (
17 Polygon 3.7880 89446.84 18 28973 4811375019 1 Dallas County (p
18 Polygon 2787.8 1248.972 19 28958 4808575252 0 Collin County (pt.
19 Polygon 126162 19015.06 20 28964 4808575048 0 Collin County (pt.
20 Polygon 3.8938 27756.3 21 28983 4811375082 0 Dallas County (p
21 Polygon 3.0451 90744.43 22 28984 4811375044 1 Dallas County (p
Record: 1 41 out of 148 Selected. Options
Select by Attribute
Enter a WHERE clause to select records in the table window.
Fields
[OBJECTID]
[AREA]
[PERIMETER]
[ZIPCODES_]
[ZIPCODES_ID]
[ZONE_]
[PART]
[NAME]
[POP]
[PCTHISP]
[MDHHINC]
= <> Like
> >= And
< <= Or
? * () Not
Unique values
Complete List
SELECT * FROM Dallas_County.dal_zips_polygon WHERE:
[POP] <= 5000
Clear Verify Help Load... Save...
Select procedure : Create a new selection
Create a new selection
Add to current selection
Remove from current selection
Select from current selection
Dallas Area Counties
County Annotation
Display Source
Select by Attribute
75146
Bruton Center
Drawing Arial 10
2244508.36 7015301.73 Feet 4.05 4.34 Inches

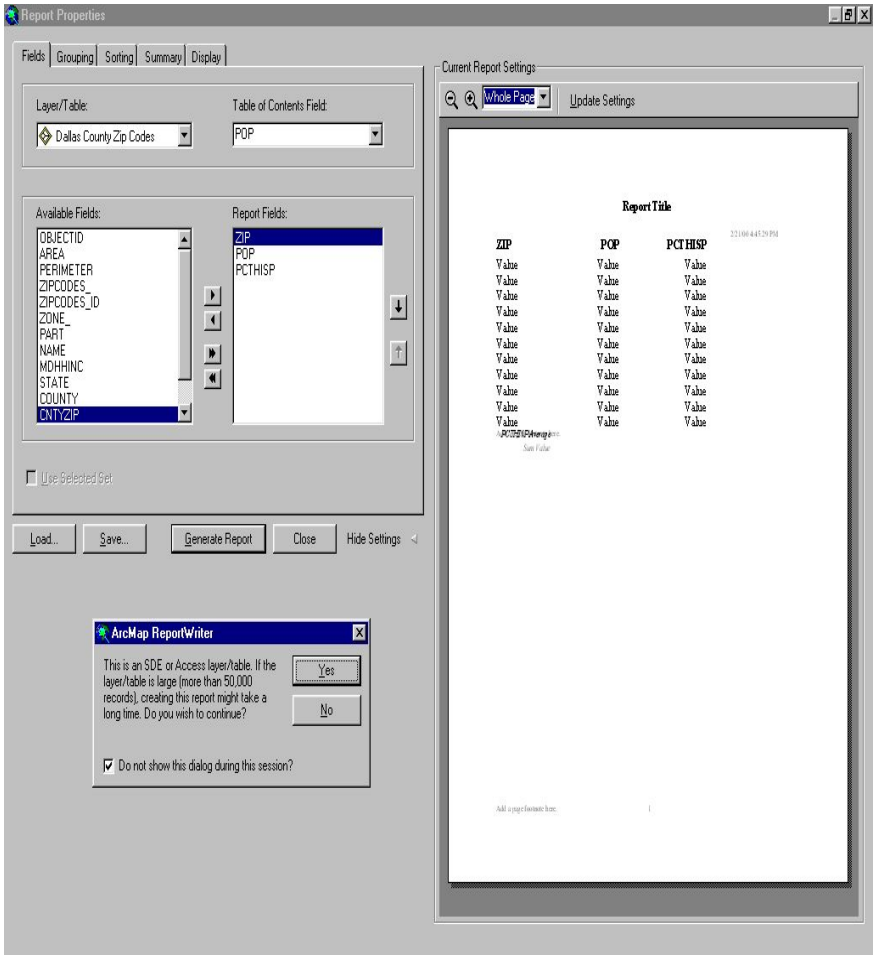

Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
1:18,168,010
57%
Editor
Task: Create New Feature
Target:
Texas/Dallas Area Counties
Dallas County
Dallas Area Co
Texas
75146 Zip Code Bo
Dallas County
Surrounding Dallas
Dallas County
Dallas Area Co
County Annota
Copy
Remove
Open Attribute Table
Join...
Zoom To Layer
Visible Scale Range
Selection
Label Features
Convert Labels to Annotation...
Convert Features to Graphics...
Data
Save As Layer File...
Properties...
ArcInfo 8 Den
75146
Bruton Center
Dallas County
Dallas Area Co
52.5 0 5 10 15 20
Miles
Display
Source
Drawing
Arial
10
Join data to this layer based on location or attribute
-1.28 6.78 Inches
Ntexas.mxd - ArcMap
Major Texas Counties
Metroplex Area Counties
North Texas Counties
Dallas Area Zip Codes
Dallas ZipCodes
Just a Map of Stuff to Show How Cool This Is
Dallas ZipCodes
North Texas Counties
Denton
Collin
Hunt
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Ellis
75146
Bruton Center


Untitled - ArcMap
File Edit View Insert Selection Tools Window Help
Data View
Layout View
Zoom Data
Zoom Layout
Bookmarks
Toolbars
Table Of Contents
Status Bar
Overflow Labels...
Scrollbars
Rulers
Guides
Grid
Create...
Manage...
75134
75041
1:51,335
100%
Editor
Target:
Layers Overview
Adding Tables to Maps
Display
Source
Drawing
Arial
10
Go to a spatial bookmark
2521355.04 7012067.29 Feet

Graphs & Reports

- Graphs & Reports
  - Present information about map features and their relationships
- Graphs
  - Present tabular data about map features in graph
  - Derived from attribute tables
  - Can include in map layouts
  - Can save, load or export as graphic file
- Reports
  - Present tabular data about map features in an attractive manner
  - Derived from attribute tables
  - Can include in map layouts
  - Can save, load, or export as PDF, RTF, or TXT

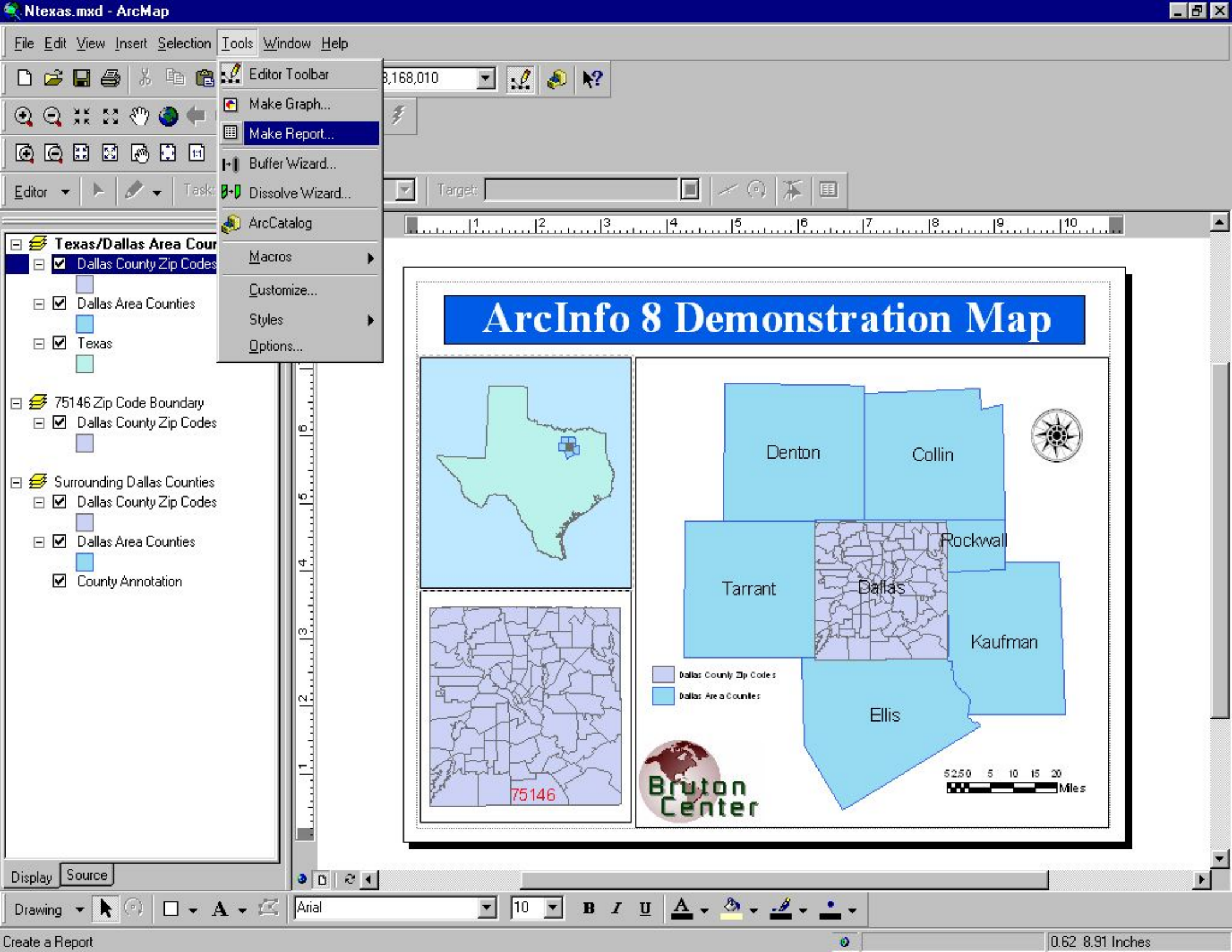
Graphs

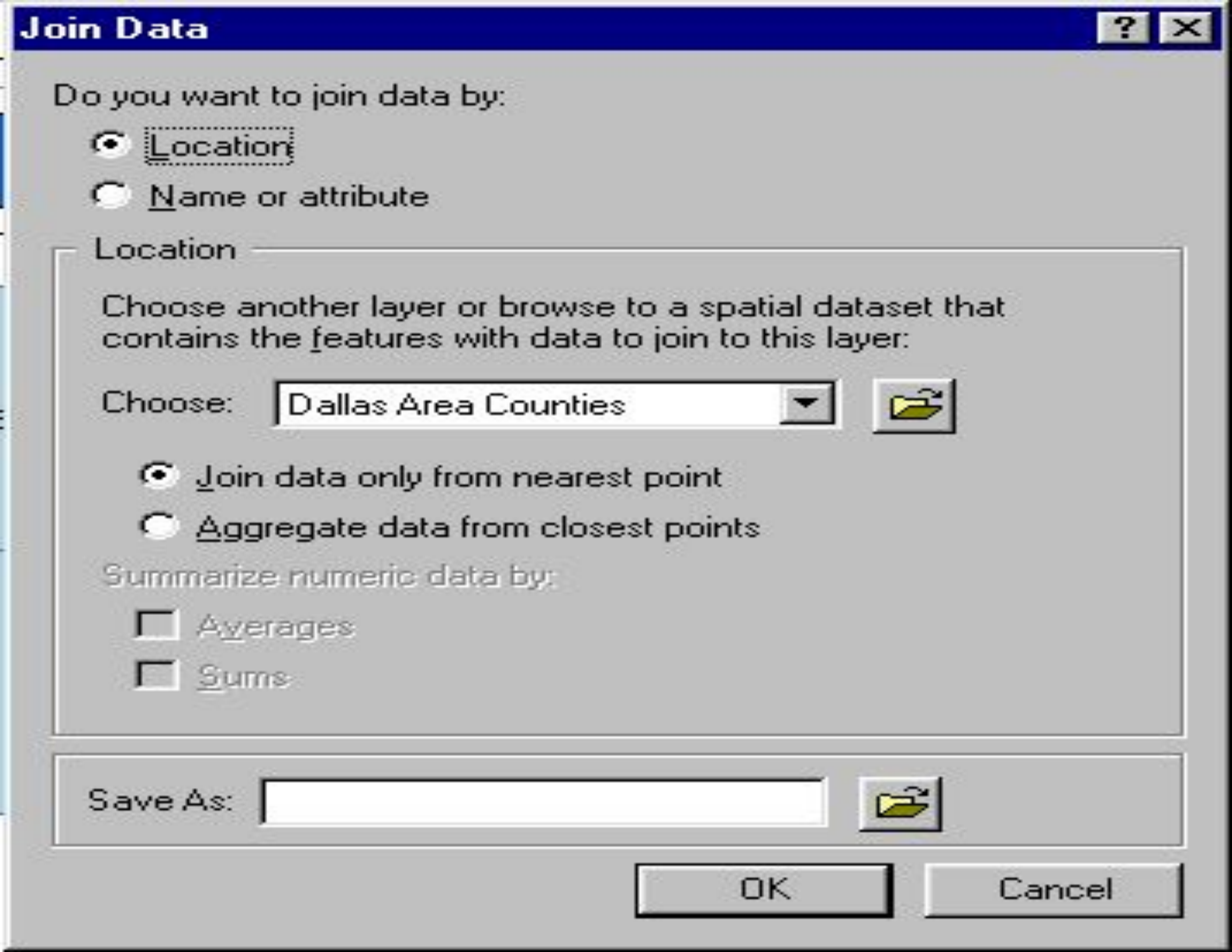


- Area
- Bar
- Box-whisker
- Bubble
- Candlestick
- Gantt
- High-Low-Close
- Line
- Pie
- Polar
- Scatter
- Surface
- Time Series

Reports

- A report presents tabular information about features on the map formatted in an attractive manner.
- Reports are derived from an attribute table on your map.
- Report can be placed on your map layout next to your geographic data or Reports can be saved as a file, e.g. *.pdf, for distribution.
- You can include a title, page numbers, the current date, summary statistics, and images.
- There are different kinds of reports you can create:
  - Record report where each record is represented by a row in the display.
  - Columnar report with data organized in a single column, displaying field names and columns vertically.


Ntexas.mxd - ArcMap
File Edit View Insert Selection Tools Window Help
Editor Toolbar
Make Graph...
Make Report...
Buffer Wizard...
Dissolve Wizard...
ArcCatalog
Macros
Customize...
Styles
Options...
Editor
Target:
Texas/Dallas Area Cour
Dallas County Zip Codes
Dallas Area Counties
Texas
75146 Zip Code Boundary
Dallas County Zip Codes
Surrounding Dallas Counties
Dallas County Zip Codes
Dallas Area Counties
County Annotation
Display
Source
ArcInfo 8 Demonstration Map
Denton
Collin
Rockwall
Tarrant
Dallas
Kaufman
Ellis
Dallas County Zip Codes
Dallas Area Counties
75146
Bruton Center
5 2.5 0 5 10 15 20
Miles
Drawing
Arial
10
Create a Report
0.62 8.91 Inches


Join Data
Do you want to join data by:
Location
Name or attribute
Location
Choose another layer or browse to a spatial dataset that contains the features with data to join to this layer:
Choose:
Dallas Area Counties
Join data only from nearest point
Aggregate data from closest points
Summarize numeric data by:
Averages
Sums
Save As:
OK
Cancel

Report Viewer

Print... Export... Add... Copy Page Width Stop 1/5

Contents

- Dallas County Zip Codes
  - 1467 fid:88
  - 106 fid:72
  - 54673 fid:98
  - 3111 fid:84
  - 33587 fid:95
  - 14601 fid:69
  - 23569 fid:87
  - 14618 fid:81
  - 30194 fid:58
  - 19021 fid:96
  - 174 fid:19
  - 174 fid:24
  - 16975 fid:78
  - 19309 fid:76
  - 2401 fid:128
  - 36612 fid:65
  - 27101 fid:75
  - 57626 fid:97
  - 37763 fid:38
  - 26662 fid:108
  - 42826 fid:74
  - 46398 fid:100
  - 1395 fid:83
  - 6798 fid:141
  - 6798 fid:142
  - 6798 fid:143
  - 26096 fid:40
  - 32576 fid:68
  - 41097 fid:80
  - 497 fid:111
  - 39772 fid:89
  - 6547 fid:107
  - 45717 fid:35
  - 27377 fid:51
  - 37483 fid:5
  - 31719 fid:46
  - 15331 fid:63
  - 26212 fid:56
  - 18828 fid:105
  - 35292 fid:53
  - 40269 fid:64
  - 11179 fid:109
  - 16818 fid:33

Dallas Percent Hispanic Population By Zip

ZIP	Population	Percent Hispanic
75226	1467	70.4%
75247	106	57.5%
75211	54673	55.5%
75246	3111	54.9%
75208	33587	53.4%
75235	14601	52.9%
75212	23569	52.9%
75223	14618	51.1%
75220	30194	40.8%
75203	19021	40.2%
75048	174	37.9%
75048	174	37.9%
75204	16975	37.2%
75219	19309	36.2%
75172	2401	32.7%
75206	36612	29.1%
75050	27101	26.5%
75217	57626	23%
75240	37763	22.9%
75224	26662	22.5%
75061	42826	22.2%
75051	46398	22.2%
75201	1395	21.9%
75125	6798	20.4%
75125	6798	20.4%
75125	6798	20.4%
75234	26096	19.3%
75214	32576	19.1%
75060	41097	18.9%

Bruton Center