



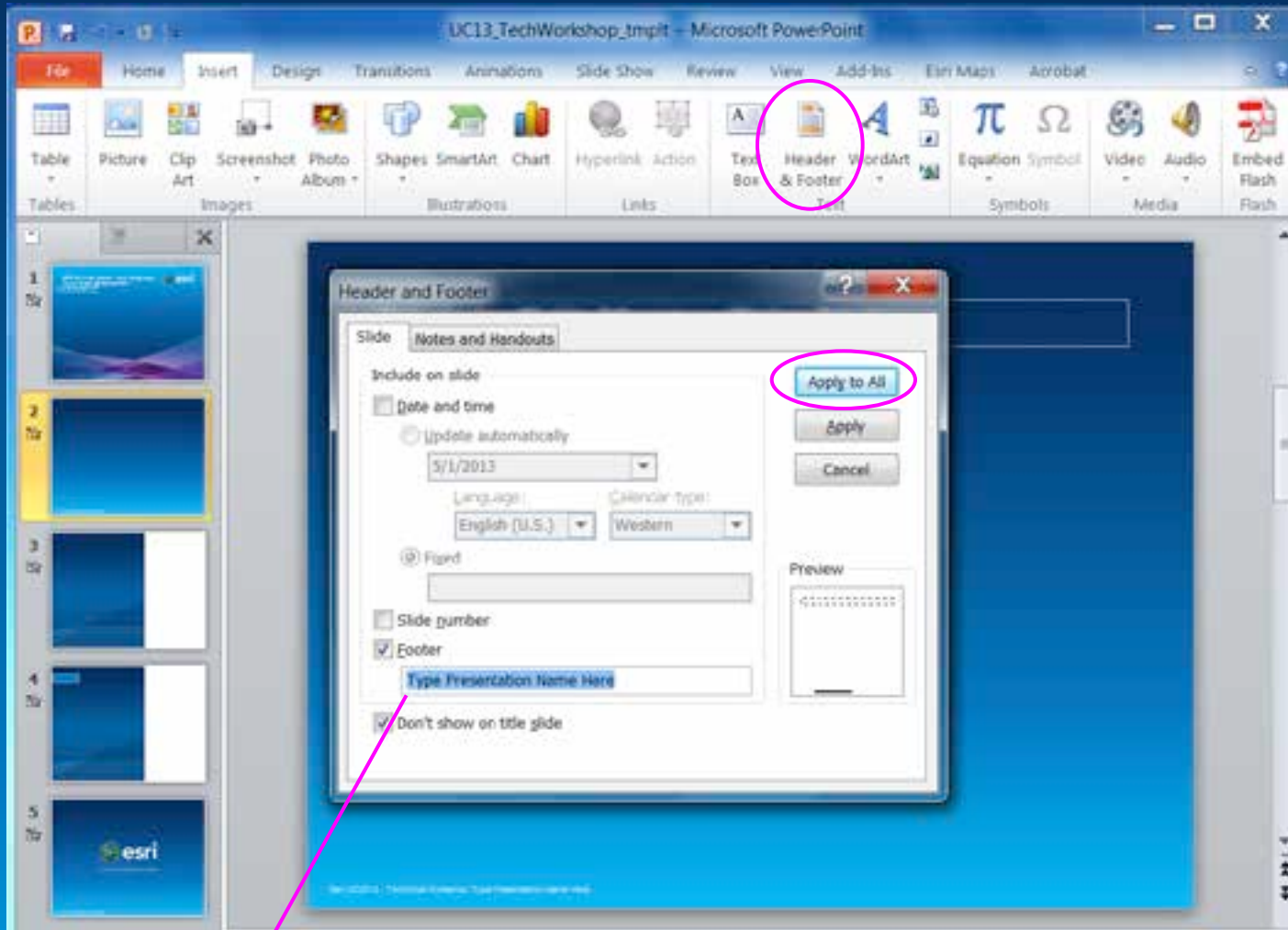
Having Fun With Tables and Reports

Jorge Ruiz-Valdepeña and Jack Horton

Technical Workshop

Tables

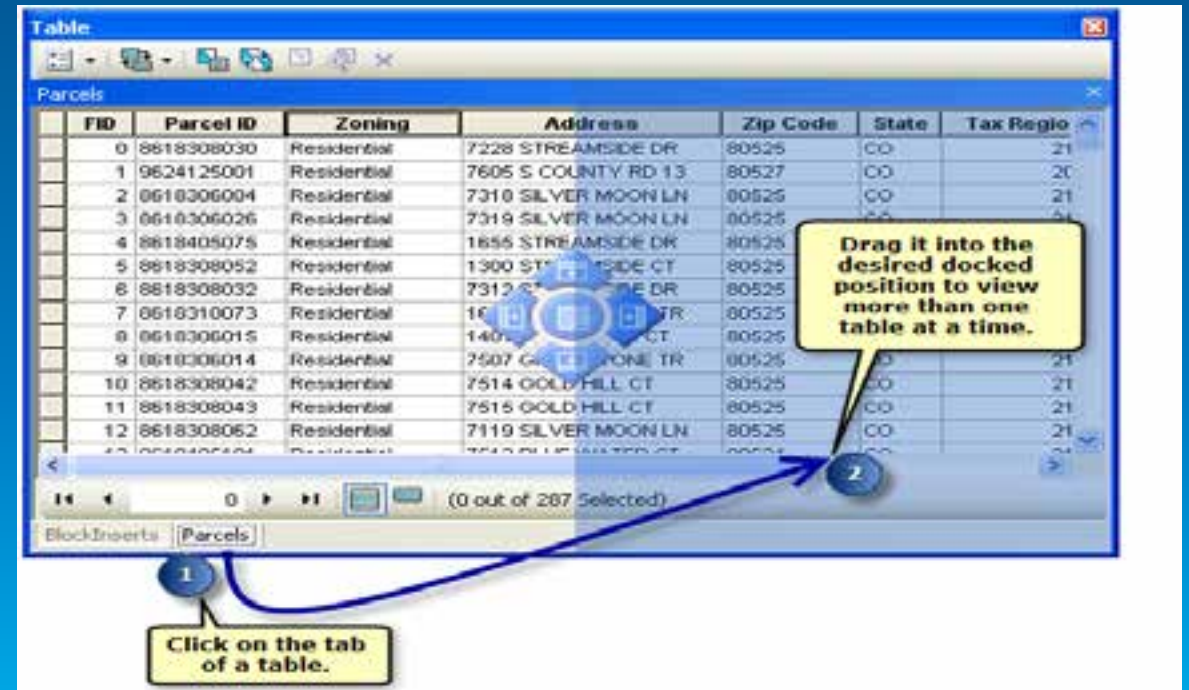




Put presentation name on the footer:
Go to **Insert** tab > **Header & Footer** > Apply to All

Dockable Table window

- Table window is a container for all open tables
- View multiple tables at once *within* Table window
 - Table Options > Arrange tables
 - Side by side horizontally
 - Stacked vertically



Working with Field Properties

Turn All Fields On
Turn All Fields Off
Move Field Up
Move Field Down
Sort and Display Options for Fields
Accentuate the Field in the Table window, Identify window and Attributes dialog.
Set a Field to be Editable or Read-Only.

Layer Properties

General Source Selection Display Symbology **Fields** Definition Query Labels Joins & Relates Time HTML Popup

Options

Choose which fields will

- LANDUSE_CO
- OBJECTID
- PARCEL_ID
- PROPERTY_I
- Residential
- SHAPE
- SHAPE_Area
- SHAPE_Length
- ZONING
- Zoning_simple

Sort Ascending
Sort Descending
Reset Field Order

Show Field Names
 Show Field Aliases

Appearance

Alias	PARCEL_ID
Highlight	Yes
Number Format	Numeric
Read-Only	No

Field Details

Data Type	Long
Name	PARCEL_ID
Allow NULL Values	Yes

Read-Only
Determines whether field is editable

Quick Help for Appearance and Field Detail Properties.

The field properties for a table or layer are used throughout the application. For example, field visibility, sorting and appearance settings are respected in the Table window.

OK Cancel Apply

Field Types

- Choose the right **field type** for the right **value**

Short Integer ParcelID: 1001

Text CountyName: Hamilton

Double Area: 12,242.5

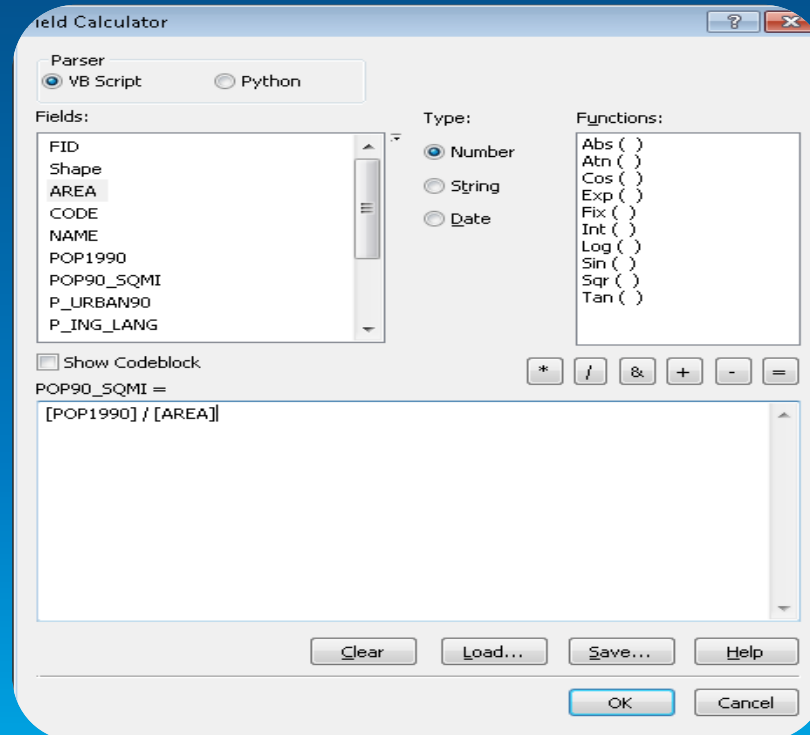
Date SurveyDate: 08/13/97

BLOB SurveyImage:



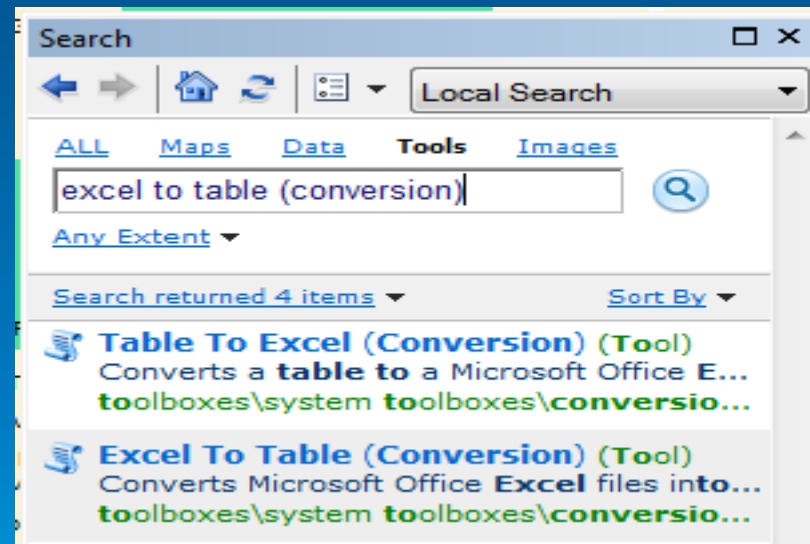
Using the Field Calculator

- Update multiple records in the table



What's New in ArcGIS 10.2 – Tables

- GP Tool > Excel to Table/Table to Excel



Associating Tables

Relates

- Tables remain independent
- Stored in map document
- 1:1, Many:1, 1:Many cardinality



Relationship Classes

- Tables remain independent
- Permanent in Geodatabase
- All cardinality



Joins

- Append records
- Stored in map document
- Field properties honored
- 1:1, Many:1 cardinality
- Label, symbol, query



Reports



Reports - Examples

Parcel Information

Name	ParcelID	Area_Meters	Address
Ameen Crosby			
	10033	1124.35	12828 Charing Cross Rd
	10034	1125.16	4513 Lockerbie Ct
	10035	1136.7	12852 Charing Cross Rd
	10036	1140.88	12739 Charing Cross Rd
	10037	1140.91	4535 Lockerbie Ct
	10038	1167.85	12730 Wembly Rd
	10039	1172.22	12970 Camborne Ct
	10040	1175.57	4490 Lockerbie Ct
	Count:8	Sum:9183.64	
Anthony Bracket			
	10057	1307.19	
	Count:1	Sum:1307.19	
Anthony Tran			
	10203	977.2	
	10204	1029.57	
	Count:2	Sum:2006.77	

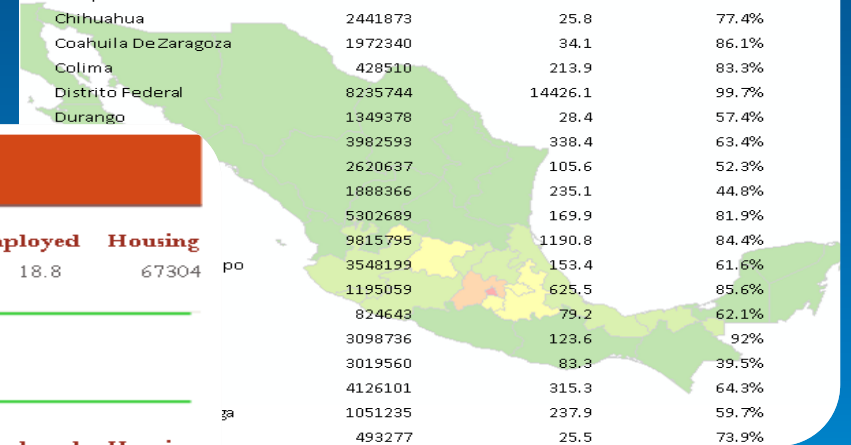
Population Analysis of Mexico

POP90_SQMI	10 - 20						
Area	Name	Population	Urban	English	Employed	Housing	
27898.2	Baja California Sur	317764	78.3%	1	18.8	67304	
	Count: 1						
	Sum: 317764						
POP90_SQMI	30 - 40						
Area	Name	Population	Urban	English	Employed	Housing	
19782.7	Quintana Roo	493277	73.9%	32.2	15.5	102859	
95771.5	Chihuahua	2441873	77.4%	2.9	35.9	529799	
69542.5	Sonora	1823606	79.1%	3	25.4	378587	
19369.4	Campeche	535185	70%	19	19.4	107894	
46463.6	Durango	1349378	57.4%	1.6	26.6	262164	
57988.4	Coahuila De Zaragoza	1972340	86.1%	0.2	37.7	404691	
	Count: 6						
	Sum: 8615659						

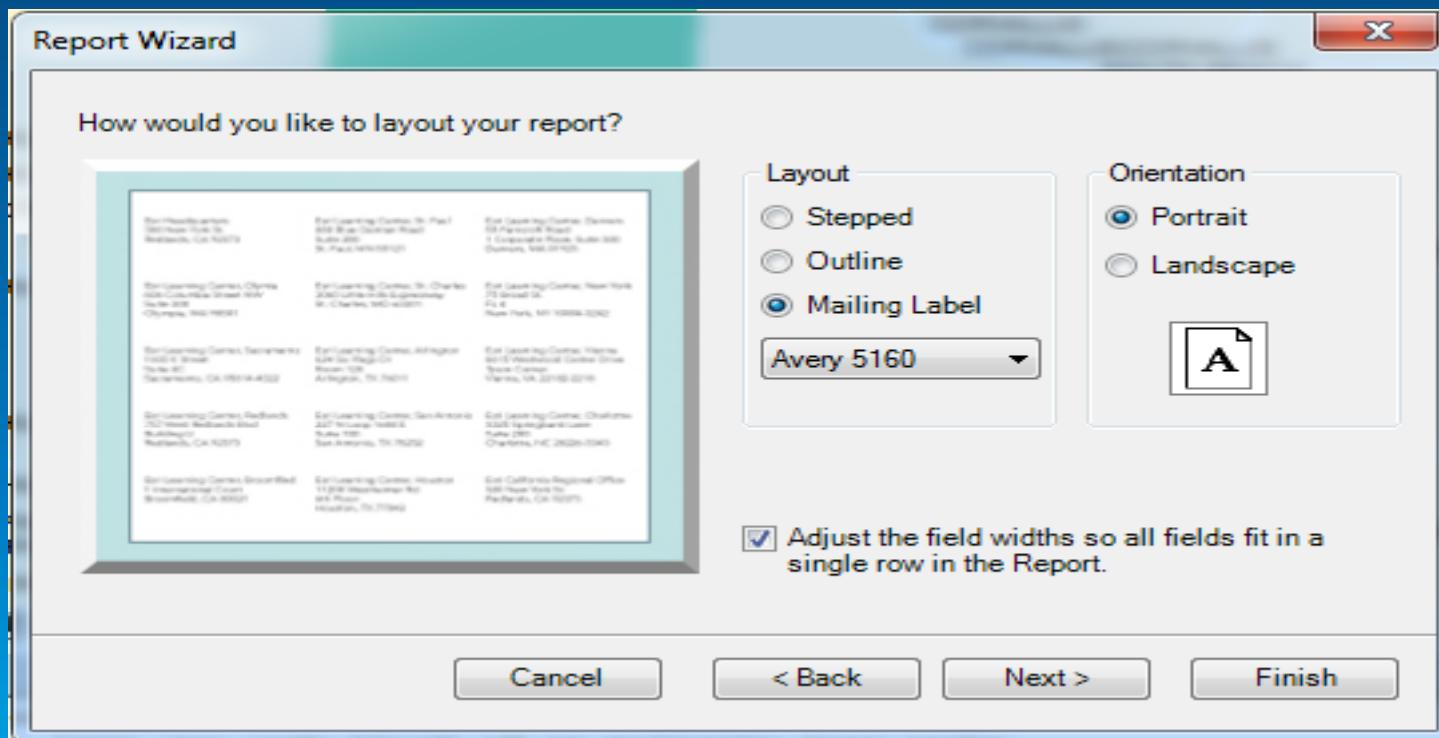
Population Analysis of

Mexico

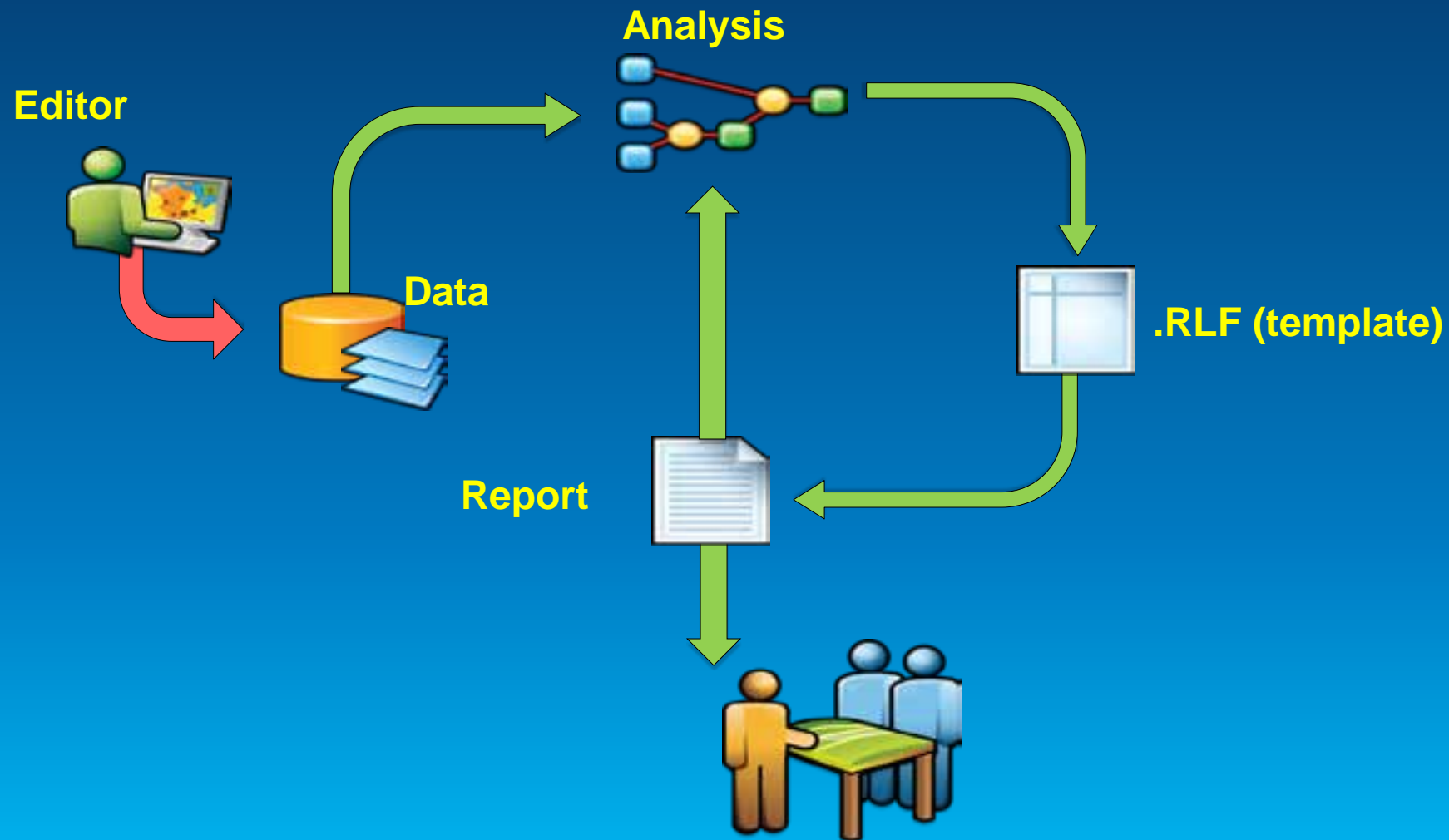
NAME	POP1990	POP90_SQMI	P_URBAN90
Aguascalientes	719659	340.8	76.5%
Baja California Norte	1660855	61.5	90.9%
Baja California Sur	317764	11.2	78.3%
Campeche	535185	27.3	70%
Chiapas	3210496	112.1	40.4%
Chihuahua	2441873	25.8	77.4%
Coahuila De Zaragoza	1972340	34.1	86.1%
Colima	428510	213.9	83.3%
Distrito Federal	8235744	14426.1	99.7%
Durango	1349378	28.4	57.4%
	3982593	338.4	63.4%
	2620637	105.6	52.3%
	1888366	235.1	44.8%
	5302689	169.9	81.9%
	9815795	1190.8	84.4%
	3548199	153.4	61.6%
	1195059	625.5	85.6%
	824643	79.2	62.1%
	3098736	123.6	92%
	3019560	83.3	39.5%
	4126101	315.3	64.3%
	1051235	237.9	59.7%
	493277	25.5	73.9%



Mailing labels



Running Reports - Workflows



Thank you...

- **Please fill out the session survey:**

Offering ID: 1173

Online – www.esri.com/ucsessionsurveys

Paper – pick up and put in drop box



Understanding our world.