



**Esri International User Conference | San Diego, CA**  
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# **Fundamentals: Having Fun with Tables and Reports**

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# **Tables**

**Layer and Field Properties**

**Table toolbar and menu commands**

**Associating Tables**

**Working with Excel spreadsheets**

# 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:**



# Associating Tables

## Relates

- Tables remain independent
- Stored in map document
- All cardinality



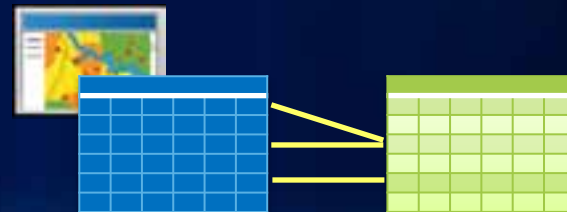
## Relationship Classes

- 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**

**Report Wizard**

**Report Viewer**

**Report Designer**

**Create, Load, and Run Reports**

# Reports - Examples

## Parcel Information

Name	ParcelID	Area_Meters	Address
Ameen Crosby			
	10033	1124.35	12626 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 Wembley Rd
	10039	1172.22	12970 Camborne Ct
	10040	1175.57	4490 Lockerbie Ct
	Count:8	Sum:9183.64	
Anthony Bracket			
	10057	1307.19	10028 Wembley Rd
	Count:1	Sum:1307.19	
Anthony Tran			
	10203	977.2	10028 Wembley Rd
	10204	1029.57	10028 Wembley Rd
	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	83.9	39.5%
	4126101	315.3	64.3%
	1051235	237.9	59.7%
	493277	25.5	73.9%

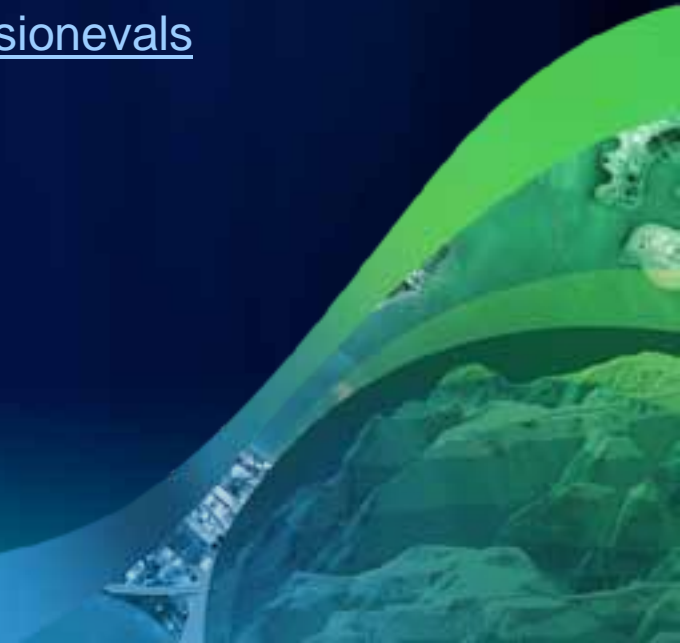
## Road Ahead – 10.1

- **Reports**
  - Automated Reports
  - Un-bound calculated fields
  - Related reports
- **Tables**
  - Maximize dockable windows

# Questions?

Online Surveys: [www.esri.com/sessionevals](http://www.esri.com/sessionevals)

- Comments
- Suggestions





# Session Wrap-up

- Online content
  - Web Help
    - <http://help.arcgis.com/>
  - ArcGIS Desktop Blog
    - <http://blogs.esri.com>
  - Script and Tool Gallery
    - <http://resources.arcgis.com/gallery/file/geoprocessing>
- Thank you!!!