ArcGIS Pro: Tips and Tricks for Exploring Your Attributes

Alycia Rajendran Jill Scholz Nathan Shephard



2021 ESRI USER CONFERENCE

ArcGIS Pro: Tips and Tricks for Exploring Your Attributes

Today we're going to discuss our favorite tips and tricks for working with attributes in:

Tables, Pop-ups, **Reports** and UC2021 AttributeTipsTricks - ArcGIS Pro \times Date Name Visitors (2010) Visitors (2015) Visitors (2018) Established 10/31/1994 1,434,976 2,025,756 2,942,382 Joshua Tree National Park Parks and Monuments × Pop-up Field: 📰 Add 📰 Calculate 🛛 Selection: 🖫 Select By Attributes 🎰 Parks and Monuments - Grand Canyon National Park Two distinct desert ecosystems, the Mojave and the Colorado, come together in Joshua Tree National Park. A fascinating variety of OBJECTID * Shape * UNIT NAME UNIT_TYPE Region: Intermountai plants and animals make their homes in a land sculpted by strong Park name: State: Arizona winds and occasional torrents of rain. Dark night skies, a rich Polygon Little Bighorn Battlefi... National Monumen Official NPS Logo cultural history, and surreal geologic features add to the wonder o Grand Canyon this vast wilderness in southern California. Come explore for National Monumen 2 Polygon Capulin Volcano Nati... National Park Polygon Park type: 3 Gila Cliff Dwellings N... National Monumen National Park Polygon Tuzigoot National M... National Monumen 598,205 468,106 699,023 3/4/1940 Kings Canyon National Park Date established: 5 Polygon Castillo de San Marco... National Monumen February 1919 This dramatic landscape testifies to nature's size, beauty, and Image from NPS web. Timpanogos Cave Na... National Monumen Polygon diversity—huge mountains, rugged foothills, deep canyons, vast caverns, and the world's largest trees. The parks lie side by side in Polygon Tonto National Monu... National Monumen Park information: the southern Sierra Nevada east of the San Joaquin Valley. Weather varies a lot by season and elevation, which ranges from 1,370' to Buck Island Reef Nati... National Monumen _ocated in Arizona, Grand Canyon National Park encompasses 277 miles (446 km) of th€ Polygon 14.494' River and adjacent uplands. The park is home to much of the immense Grand Canvon: a km) deep, and up to 18 miles (29 km) wide. Layered bands of colorful rock reveal millio Polygon Sunset Crater Volcan... National Monumen of geologic history. Grand Canyon is unmatched in the incomparable vistas it offers visite m. 10 Pipe Spring National... National Monumen 10 Polygon 8/9/1916 384,570 468,092 499,435 Lassen Volcanic National El Morro National Mo... Annual Park Visitors Visitors (2010) 11 11 Polygon National Monumen Park Visitors (2011) 600000 12 12 Polygon Castle Clinton Nation... National Monumen 5000000 Visitors (2012) Lassen Volcanic National Park is home to steaming fumaroles, 4000000 meadows freckled with wildflowers, clear mountain lakes, and Visitors (2013) 13 13 Polygon Fossil Butte National. National Monumen 3000000 numerous volcanoes. Jagged peaks tell the story of its eruptive Visitors (2014) past while hot water continues to shape the land. Polygon Hovenweep National... National Monumen 14 14 Visitors (2015) Visitors (2016) V V V V V V 0 of 146 selected Filte Visitors (2017) Total number of visitors reported by NPS Visitors (2018) 11/21/1925 130,765 108,687 127,771 Lava Beds National 112.6837016°W 36.1727754°N Monument Lava Beds National Monument is a land of turmoil, both geological

Attributes in the Table

Alycia Rajendran

Attributes in the Table: What is a table?

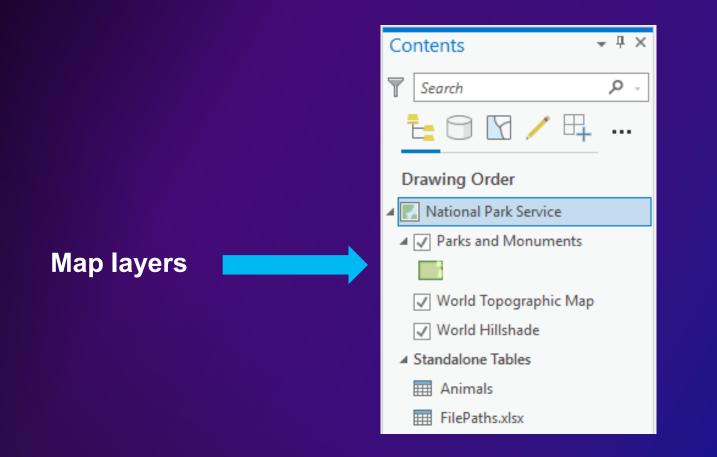
Rows

UC2021_AttributeTipsTricks - ArcGIS Pro									
	Parks and Mor	numents >	<				~		
Field	d: 📰 Add 🛛	🗄 Calculat	e Selection: 🖫 Select	t By Attributes 🛛 🕀 Zoom	n To 📲 Switch 📃 Clea	ar 戻 Delete 📮 Copy			
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E		
1	1	Polygon	Little Bighorn Battlefi	National Monument	Montana	Intermountain	7/1/19		
2	2	Polygon	Capulin Volcano Nati	National Monument	New Mexico	Intermountain	8/9/19		
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New Mexico	Intermountain	11/16/		
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	Intermountain	7/25/1		
5	5	Polygon	Castillo de San Marco	National Monument	Florida	Southeast	10/15/		
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah	Intermountain	10/14/		
7	7	Polygon	Tonto National Monu	National Monument	Arizona	Intermountain	10/21/		
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin Islands	Southeast	12/28/		
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona	Intermountain	5/30/1		
10	10	Polygon	Pipe Spring National	National Monument	Arizona	Intermountain	5/31/1		
11	11	Polygon	El Morro National Mo	National Monument	New Mexico	Intermountain	12/8/1		
12	12	Polygon	Castle Clinton Nation	National Monument	New York	Northeast	8/12/1		
13	13	Polygon	Fossil Butte National	National Monument	Wyoming	Intermountain	10/23/		
14	14	Polygon	Hovenweep National	National Monument	Utah	Intermountain	3/2/19		
		0 of 146 sel	lected	Filters:	9 49 17 0	+ 1009	6 - 2		

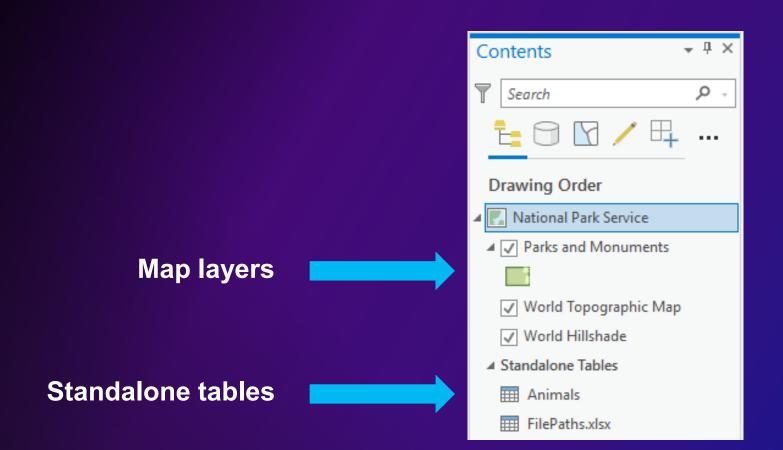
Columns (Fields)

Values in cells are attributes

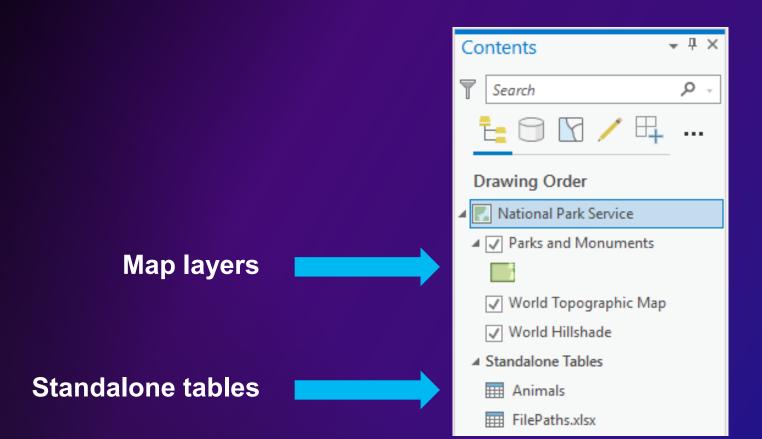
Attributes in the Table: Common table types



Attributes in the Table: Common table types



Attributes in the Table: Common table types



Some common table types:

- Feature classes
- AGOL feature services
- Shapefiles
- Database tables
- Excel spreadsheets
- .csv files (text files)

Attributes in the Table: New control in Pro 2.8

UC2	021_Attribute	TipsTrick	s - ArcGIS Pro			C	- ×
	Parks and Mor	numents >	<				-
Field	d: 📰 Add 🞚	Galculat	e Selection: 🖫 Selec	t By Attributes 🛛 🕀 Zoom	n To 📲 Switch 📃 Clea	r 🙀 Delete 🚽 Copy	≡
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E
1	1	Polygon	Little Bighorn Battlefi	National Monument	Montana	Intermountain	7/1/19
2	2	Polygon	Capulin Volcano Nati	National Monument	New Mexico	Intermountain	8/9/19
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New Mexico	Intermountain	11/16/
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	Intermountain	7/25/1
5	5	Polygon	Castillo de San Marco	National Monument	Florida	Southeast	10/15/
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah	Intermountain	10/14/
7	7	Polygon	Tonto National Monu	National Monument	Arizona	Intermountain	10/21/
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin Islands	Southeast	12/28/
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona	Intermountain	5/30/1
10	10	Polygon	Pipe Spring National	National Monument	Arizona	Intermountain	5/31/1
11	11	Polygon	El Morro National Mo	National Monument	New Mexico	Intermountain	12/8/1
12	12	Polygon	Castle Clinton Nation	National Monument	New York	Northeast	8/12/1
13	13	Polygon	Fossil Butte National	National Monument	Wyoming	Intermountain	10/23/
14	14	Polygon	Hovenweep National	National Monument	Utah	Intermountain	3/2/19
		0 of 146 se	lected	Filters:	0 #) T . (*	+ 100%	
		0 01 140 Se	lected	riiters:		■ − 100%	· · · 🖻

Faster rendering, reduced latency in scrolling, and more stability

Toolbar

	Parks and Mor	numents >					
Field	d: 🖽 Add 📗	Calculat	e Selection: 🛱 Select	t By Attributes 🛛 Zoom	To Switch Cle	ar 🙀 Delete 🗐 Copy	
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Dat
1	1	Polygon	Little Bighorn Battlefi	National Monument	Montana	Intermountain	7/1/
2	2	Polygon	Capulin Volcano Nati	National Monument	New Mexico	Intermountain	8/9/
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New Mexico	Intermountain	11/
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	Intermountain	7/2
5	5	Polygon	Castillo de San Marco	National Monument	Florida	Southeast	10/
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah	Intermountain	10/
7	7	Polygon	Tonto National Monu	National Monument	Arizona	Intermountain	10/2
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin Islands	Southeast	12/
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona	Intermountain	5/3
10	10	Polygon	Pipe Spring National	National Monument	Arizona	Intermountain	5/3
11	11	Polygon	El Morro National Mo	National Monument	New Mexico	Intermountain	12/
12	12	Polygon	Castle Clinton Nation	National Monument	New York	Northeast	8/1
13	13	Polygon	Fossil Butte National	National Monument	Wyoming	Intermountain	10/
14	14	Polygon	Hovenweep National	National Monument	Utah	Intermountain	3/2

UC2	021_Attribute	TipsTrick	s - ArcGIS Pro				- x
	Parks and Mor	numents >	< No.				· ·
Field	d: 📰 Add 🗄	Calculat	e Selection: 🖫 Selec	t By Attributes 🛛 🕀 Zoon	n To 📲 Switch 📃 Clea	r 🙀 Delete 📑 Copy	, ≡
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E
1	1	Polygon	Little Bighorn Battlefi	National Monument	Montana	Intermountain	7/1/19
2	2	Polygon	Capulin Volcano Nati	National Monument	New Mexico	Intermountain	8/9/19
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New Mexico	Intermountain	11/16/
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	Intermountain	7/25/1
5	5	Polygon	Castillo de San Marco	National Monument	Florida	Southeast	10/15/
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah	Intermountain	10/14/
7	7	Polygon	Tonto National Monu	National Monument	Arizona	Intermountain	10/21/
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin Islands	Southeast	12/28/
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona	Intermountain	5/30/1
10	10	Polygon	Pipe Spring National	National Monument	Arizona	Intermountain	5/31/1
11	11	Polygon	El Morro National Mo	National Monument	New Mexico	Intermountain	12/8/1
12	12	Polygon	Castle Clinton Nation	National Monument	New York	Northeast	8/12/1
13	13	Polygon	Fossil Butte National	National Monument	Wyoming	Intermountain	10/23/
14	14	Polygon	Hovenweep National	National Monument	Utah	Intermountain	3/2/19
		0 of 146 se	lastad	Filters:		- + 100	
		0 0T 140 Se	lected	Filters:	9 🥹 🎦 🗧 —	+ 100	76 🔭 💌

Table menu

UC2	021_Attribute	TipsTrick	s - ArcGIS Pro							×
	Parks and Mon	iuments 🔾	<							~
Field	d: 📰 Add 🖩	Calculat	e Selection: 🖓 Select	t By Attributes 🛛 🕀 Zoom	то 💕	Swite	ch 🗏 Clea	r 🙀 Delete 🖶 Co	ру	Ξ
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATE	\checkmark	Show Field	Aliases		
1	1	Polygon	Little Bighorn Battlefi	National Monument	Monta		Show All Fi	elds		
2	2	Polygon	Capulin Volcano Nati	National Monument	New M		Reset Field			
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New M		Fields View			
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	\checkmark	Show domain and subtype description			
5	5	Polygon	Castillo de San Marco	National Monument	Florida	J	Contingen		•	
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah		Joins and Relates Related Data			
7	7	Polygon	Tonto National Monu	National Monument	Arizona		Select relat			
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin I	镼	Find and R			
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona		Go to row i			
10	10	Polygon	Pipe Spring National	National Monument	Arizona		Export			
11	11	Polygon	El Morro National Mo	National Monument	New M	lexico	-	Intermountain	12/	/8/1
12	12	Polygon	Castle Clinton Nation	National Monument	New Yo	ork		Northeast	8/1	12/1
13	13	Polygon	Fossil Butte National	National Monument	Wyoming			Intermountain	10/	/23/
14	14	Polygon	Hovenweep National	National Monument			Intermountain	3/2	2/19	
		0 of 146 sel	ected	Filters: (9 🖑	T.	0	+ 10)0% •	3

UC2	021_Attribute	TipsTrick	5 - ArcGIS Pro				×
	Parks and Mor	numents >	< Comparison of the second sec				-
Field	d: 📰 Add 🞚	Calculat	e Selection: 🖫 Select	t By Attributes 🛛 🕀 Zoom	n To 📲 Switch 📃 Clea	r 🙀 Delete 🚽 Copy	Ξ
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E
1	1	Polygon	Little Bighorn Battlefi	National Monument	Montana	Intermountain	7/1/19
2	2	Polygon	Capulin Volcano Nati	National Monument	New Mexico	Intermountain	8/9/19
3	3	Polygon	Gila Cliff Dwellings N	National Monument	New Mexico	Intermountain	11/16/
4	4	Polygon	Tuzigoot National M	National Monument	Arizona	Intermountain	7/25/1
5	5	Polygon	Castillo de San Marco	National Monument	Florida	Southeast	10/15/
6	6	Polygon	Timpanogos Cave Na	National Monument	Utah	Intermountain	10/14/
7	7	Polygon	Tonto National Monu	National Monument	Arizona	Intermountain	10/21/
8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin Islands	Southeast	12/28/
9	9	Polygon	Sunset Crater Volcan	National Monument	Arizona	Intermountain	5/30/1
10	10	Polygon	Pipe Spring National	National Monument	Arizona	Intermountain	5/31/1
11	11	Polygon	El Morro National Mo	National Monument	New Mexico	Intermountain	12/8/1
12	12	Polygon	Castle Clinton Nation	National Monument	New York	Northeast	8/12/1
13	13	Polygon	Fossil Butte National	National Monument	Wyoming	Intermountain	10/23/
14	14	Polygon	Hovenweep National	National Monument	Utah	Intermountain	3/2/19
		0 of 146 se	lected	Filters:	9 🗐 🆬 🕻 – —	+ 100%	- I2

Status control

Attributes in the Table: Navigating in the table

Ctrl+A or

Shift+click upper left cell Select all records.

Use these keyb	Use these keyboard shortcuts to open and close tables.							
Keyboard sho	rtcut	Action						
Ctrl+T or Ctrl+double-click a layer or table name		Open the attribute table for the selected layer or stand-alone table from the Contents pane.						
Ctrl+F4		Close the active table.						
Keyboard shortcuts for op	pening and closing tables							
Select in	n the tabl	е						
Use these keyboard shortcuts to make selections in the table.								
Keyboard shortcut								

Open the table using Ctrl + T or Ctrl + double-click

Attributes in the Table: Navigating in the table

Navigate in the table

Use these keyboard shortcuts to move around in the table.

Keyboard shortcut	Action
	Go to the next column.
Tab	If at the end of a row, go to the first cell in the next row.
	Go to the previous column.
Shift+Tab	If at the end of a row, go to the last cell in the previous row.
Enter	Go to the next row in the same column.
Home or Ctrl+Left arrow	Go to the first cell in a row.

See the help documentation for a full list of shortcuts: bit.ly/2SaGqGl

Use the keyboard arrows, Enter, and Tab to navigate

Attributes in the Table: Navigating in the table

	0	0	Polygon	ппранодоз сачетча	National Monument	Otan			
	7	7	Polygon	Tonto National Monu	National Monument	Arizon			
	8	8	Polygon	Buck Island Reef Nati	National Monument	Virgin			
	9	9	Polygon	Sunset Crater Volcan	National Monument	Arizon			
	10	10	Polygon	Pipe Spring National	National Monument	Arizon			
	11	11	Polygon	El Morro National Mo	National Monument	New N			
	12	12	Polygon	Castle Clinton Nation	National Monument	New Y			
	13	13	Polygon	Fossil Butte National	National Monument	Wyom			
	14	14	Polygon	Hovenweep National	National Monument	Utah			
E	Image: Image								

Move to beginning or end of the table

Attributes in the Table: Go to row number

UC2	C2021_AttributeTipsTricks - ArcGIS Pro								
	Parks and Mor	numents >	< l				Ψ.		
Field	d: 📰 Add 🗄	Galculat	e Selection: 🖓 Select	t By Attributes 🛛 🕀 Zoo	n To 📲 Switch 📃 Cla	ar 🙀 Delete 🗐 Copy	≡		
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E		
75	75	Polygon	Voyageurs National Par	National Park	Minnesota	Midwest	4/8/19		
76	76	Polygon	Congaree National Park	National Park	South Carolina	Southeast	11/10/		
77	77	Polygon	Haleakala National Park	National Park	Hawaii	Pacific West	7/1/19		
78	78	Polygon	Carlsbad Caverns Natio	National Park	New Mexico	Intermountain	5/14/1		
79	79	Polygon	Aztec Ruins National M	National Monument	New Mexico	Intermountain	1/24/1		
80	80	Polygon	Zion National Park	National Park	Utah	Intermountain	11/19/		
81	81	Polygon	Craters of the Moon Na	National Monument	Idaho	Pacific West	5/2/19		
82	82	Polygon	Organ Pipe Cactus Nati	National Monument	Arizona	Intermountain	4/13/1		
83	83	Polygon	Theodore Roosevelt Na	National Park	North Dakota	Midwest	11/10/		
84	84	Polygon	Crater Lake National Pa	National Park	Oregon	Pacific West	5/22/1		
85	85	Polygon	Glacier National Park	National Park	Montana	Intermountain	5/11/1		
86	86	Polygon	Homestead National M	National Monument	Nebraska	Midwest	5/19/1		
87	87	Polygon	Birmingham Civil Right	National Monument	Alabama	Southeast	1/12/2		
88	88	Polygon	Grand Teton National P	National Park	Wyoming	Intermountain	2/26/1		
89	89	Polygon	Great Sand Dunes Natic	National Park	Colorado	Intermountain	11/24/		
Image: Selected Filters: (B) Image: Selected + 100% ▼									

Note: The row number does not always correspond with the OBJECTID

UC2	021_Attribute	TipsTrick	s - ArcGIS Pro			E) X
	arks and Mor	numents >	<				÷
Field	l: 🖽 Add 🖩	G Calculat	e Selection: 🖓 Select	t By Attributes 🛛 🕀 Zoo	m To 📲 Switch 📃 Clea	r 🙀 Delete 🗐 Copy	Ξ
	OBJECTID *	Shape *		UNIT_TYPE	STATENAME	REGIONNAME	Date E
52	52	Polygon	Cesar E. Chavez Nation:	National Monument	California	Pacific West	10/8/2
53	53	Polygon	Salinas Pueblo Missions	National Monument	New Mexico	Intermountain	11/1/1
54	54	Polygon	Pinnacles National Park	National Park	California	Pacific West	1/10/2
55	55	Polygon	Chiricahua National Mc	National Monument	Arizona	Intermountain	4/18/1
56	56	Polygon	Devils Tower National N	National Monument	Wyoming	Intermountain	9/24/1
57	57	Polygon	Oregon Caves National	National Monument	Oregon	Pacific West	7/12/1
58	58	Polygon	John Day Fossil Beds Na	National Monument	Oregon	Pacific West	10/26/
59	59	Polygon	Lassen Volcanic Nation;	National Park	California	Pacific West	8/9/19
60	60	Polygon	Canyon de Chelly Natic	National Monument	Arizona	Intermountain	4/1/19
61	61	Polygon	Mount Rainier National	National Park	Washington	Pacific West	3/2/18
62	62	Polygon	Castle Mountains Natio	National Monument	California	Pacific West	2/12/2
63	63	Polygon	George Washington Bir	National Monument	Virginia	Northeast	1/23/1
64	64	Polygon	Waco Mammoth Natio	National Monument	Texas	Intermountain	7/10/2
65	65	Polygon	Yosemite National Park	National Park	California	Pacific West	10/1/1
66	66	Polygon	Statue Of Liberty Nation	National Monument	New York	Northeast	10/15/
		0 of 146 se	lected	Filters:	🕒 🕛 🌇 🗊 – —	+ 100%	13

Reorder the fields in your table to make it easier to read.

UC2	021_Attribute	TipsTricks	s - ArcGIS Pro				o x
	Parks and Mor	numents >	< l				-
Field	d: 🖽 Add 🞚	Calculat	e Selection: 🖓 Select	t By Attributes 🛛 🕀 Zoo	m To 📲 Switch 📃 Cla	ar 🙀 Delete 🗐 Copy	≡
	OBJECTID *	Shape *	UNIT_NAME		STATENAME	REGIONNAME	Date E
52	52	Polygon	Cesar E. Chavez Nation:	National Monument	California	Pacific West	10/8/2
53	53	Polygon	Salinas Pueblo Missions	National Monument	New Mexico	Intermountain	11/1/1
54	54	Polygon	Pinnacles National Park	National Park	California	Pacific West	1/10/2
55	55	Polygon	Chiricahua National Mc	National Monument	Arizona	Intermountain	4/18/1
56	56	Polygon	Devils Tower National N	National Monument	Wyoming	Intermountain	9/24/1
57	57	Polygon	Oregon Caves National	National Monument	Oregon	Pacific West	7/12/1
58	58	Polygon	John Day Fossil Beds Na	National Monument	Oregon	Pacific West	10/26/
59	59	Polygon	Lassen Volcanic Nation;	National Park	California	Pacific West	8/9/19
60	60	Polygon	Canyon de Chelly Natic	National Monument	Arizona	Intermountain	4/1/19
61	61	Polygon	Mount Rainier National	National Park	Washington	Pacific West	3/2/18
62	62	Polygon	Castle Mountains Natio	National Monument	California	Pacific West	2/12/2
63	63	Polygon	George Washington Bir	National Monument	Virginia	Northeast	1/23/1
64	64	Polygon	Waco Mammoth Natio	National Monument	Texas	Intermountain	7/10/2
65	65	Polygon	Yosemite National Park	National Park	California	Pacific West	10/1/1
66	66	Polygon	Statue Of Liberty Nation	National Monument	New York	Northeast	10/15/
E		0 of 146 se	lected	Filters:	🕒 🕘 🌇 🗊 – —	+ 100	% • 🔁

Temporarily hide unnecessary fields in your table.

UC2021_AttributeTipsTricks - ArcGIS Pro									
	Parks and Mor	numents >	K				÷.		
Field	d: 🖽 Add 🞚	Calculat	e Selection: 🖫 Select	t By Attributes 🛛 🕀 Zoo	m To 📲 Switch 📃 Clea	ir 🙀 Delete 🗐 Copy	Ξ		
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E		
52	52	Polygon	Cesar E. Chavez Nation:	National Monument	California	Pacific West	10/8/2		
53	53	Polygon	Salinas Pueblo Missions	National Monument	New Mexico	Intermountain	11/1/1		
54	54	Polygon	Pinnacles National Park	National Park	California	Pacific West	1/10/2		
55	55	Polygon	Chiricahua National Mc	National Monument	Arizona	Intermountain	4/18/1		
56	56	Polygon	Devils Tower National N	National Monument	Wyoming	Intermountain	9/24/1		
57	57	Polygon	Oregon Caves National	National Monument	Oregon	Pacific West	7/12/1		
58	58	Polygon	John Day Fossil Beds Na	National Monument	Oregon	Pacific West	10/26/		
59	59	Polygon	Lassen Volcanic Nation;	National Park	California	Pacific West	8/9/19		
60	60	Polygon	Canyon de Chelly Natic	National Monument	Arizona	Intermountain	4/1/19		
61	61	Polygon	Mount Rainier National	National Park	Washington	Pacific West	3/2/18		
62	62	Polygon	Castle Mountains Natio	National Monument	California	Pacific West	2/12/2		
63	63	Polygon	George Washington Bir	National Monument	Virginia	Northeast	1/23/1		
64	64	Polygon	Waco Mammoth Natio	National Monument	Texas	Intermountain	7/10/2		
65	65	Polygon	Yosemite National Park	National Park	California	Pacific West	10/1/1		
66	66	Polygon	Statue Of Liberty Nation	National Monument	New York	Northeast	10/15/		
		0 (11)							
	□ □ Id ► ► + 100% ▼ 2								

Freeze important fields and promote them to the beginning of the table

UC2021_AttributeTipsTricks - ArcGIS Pro											×	
	📰 Parks and Monuments 🛛 🖷 Fields: Parks and Monuments ×											
Cu	rrer	nt Layer P	arks and Monum	ents	•							
⊿l	ly	Field Name	Alias	Data Type	Allow NULL	Highlight	Number Format	Domain	Default	Length		
		OBJECTID	OBJECTID	Object ID			Numeric					
		Shape	Shape	Geometry	V							
		UNIT_NAME	UNIT_NAME	Text	\checkmark					8	3	
		UNIT_TYPE	UNIT_TYPE	Text	1					3	7	
		STATENAME	STATENAME	Text	~					51	2	
		REGIONNAME	REGIONNAME	Text	~					51	2	
		DateEstablished	Date Established	Date	~							
		Visitors2018	Visitors (2018)	Long			Numeric					
		URLHandle	URL Handle	Text						25	5	
		ImageLink	Image URL	Text	Dat	e Form	at dialo	g lau	ncne	er ₂₅	5	
		Demo	Demo	Text	~						2	
		Visitors2010	Visitors (2010)	Long	1		Numeric					
		Visitors2011	Visitors (2011)	Long	~		Numeric					
		Visitors2012	Visitors (2012)	Long	1		Numeric					
		Visitors2013	Visitors (2013)	Long	~		Numeric					
	•				-	1		1	1	-	Þ.	

New in Pro 2.8, new date time formatting options

UC2021_AttributeTipsTricks - ArcGIS Pro					o ×	
Parks Number Format	×					-
Current L Category Date •						
⊿ily Fi Format None 🔽	ght	t Number Format	Domain	Default	Length	1
OE None		Numeric				£.
Sh System Default						
1 Jun 2021					83	
1 Jun 2021, 6:15:11 PM Cancel					37	
1 Jun 2021, 18:15:11						
STATENAME S 1 Jun 2021, 6:15 PM					512	
REGIONNAME R 1 Jun 2021, 18:15					512	
DateEstablished D Tuesday, June 1, 2021						
Visitors2018 V Tuesday, June 1, 2021, 6:15:11 PM		Numeric				
URLHandle U Tuesday, June 1, 2021, 18:15:11 Tuesday, June 1, 2021, 6:15 PM					255	
ImageLink Ir Tuesday, June 1, 2021, 18:15					255	
Demo D June 1, 2021 Pre-def	ne	d list or d	custo	om fo	ormat	
Visitors2010 V June 1, 2021, 6:15:11 PM		Numeric				
Visitors2011 V June 1, 2021, 18:15:11		Numeric				
Visitors2012 V June 1, 2021, 6:15 PM June 1, 2021, 18:15		Numeric				
Visitors2013 V June 2021		Numeric				
						ř.

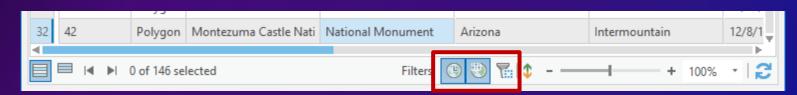
New in Pro 2.8, new date time formatting options

UC2	UC2021_AttributeTipsTricks - ArcGIS Pro								
	Parks and Mor	numents	k				-		
Field	d: 🖽 Add 🖩	Calculat	e Selection: 🖓 Select	t By Attributes 👩 Zoor	m To 📲 Switch 📃 Clea	ar 🙀 Delete 🗐 Copy			
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E		
2	1	Polygon	Little Bighorn Battlefield	National Monument	Montana	Intermountain	7/1/19		
2	2	Polygon	Capulin Volcano Natior	National Monument	New Mexico	Intermountain	8/9/19		
3	3	Polygon	Gila Cliff Dwellings Nati	National Monument	New Mexico	Intermountain	11/16/		
4	4	Polygon	Tuzigoot National Mon	National Monument	Arizona	Intermountain	7/25/1		
5	5	Polygon	Castillo de San Marcos	National Monument	Florida	Southeast	10/15/		
6	6	Polygon	Timpanogos Cave Natio	National Monument	Utah	Intermountain	10/14/		
7	7	Polygon	Tonto National Monum	National Monument	Arizona	Intermountain	10/21/		
8	8	Polygon	Buck Island Reef Natior	National Monument	Virgin Islands	Southeast	12/28/		
9	9	Polygon	Sunset Crater Volcano №	National Monument	Arizona	Intermountain	5/30/1		
10	10	Polygon	Pipe Spring National M	National Monument	Arizona	Intermountain	5/31/1		
11	11	Polygon	El Morro National Mon	National Monument	New Mexico	Intermountain	12/8/1		
12	12	Polygon	Castle Clinton National	National Monument	New York	Northeast	8/12/1		
13	13	Polygon	Fossil Butte National M	National Monument	Wyoming	Intermountain	10/23/		
14	14	Polygon	Hovenweep National M	National Monument	Utah	Intermountain	3/2/19		
15	15	Polygon	Fort Union National Mc	National Monument	New Mexico	Intermountain	4/5/19		
		0 of 146 sel	ected	Filters:	🕒 🕘 🌠 🗘 - —	+ 1009	6 • 12		

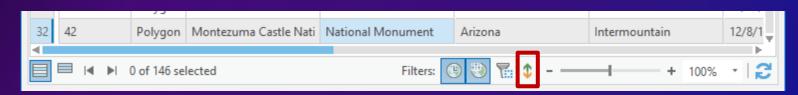
Select rows in a table

Parks and Monuments × Field: I Add I Calculate Selection: I Select By Attributes I Zoom To I Switch I Clear I Delete I Coord OBJECTID* Shape* UNIT_NAME UNIT_TYPE STATENAME REGIONNAME 1 1 Polygon Little Bighorn Battlefield National Monument Montana Intermountain 2 2 Polygon Capulin Volcano Natior National Monument New Mexico Intermountain 3 3 Polygon Gila Cliff Dwellings Nati National Monument New Mexico Intermountain	UC2021_AttributeTipsTricks - ArcGIS Pro									
OBJECTID* Shape* UNIT_NAME UNIT_TYPE STATENAME REGIONNAME 1 1 Polygon Little Bighorn Battlefield National Monument Montana Intermountain 2 2 Polygon Capulin Volcano Natior National Monument New Mexico Intermountain 3 3 Polygon Gila Cliff Dwellings Nati National Monument New Mexico Intermountain	Ψ.									
1 Polygon Little Bighorn Battlefield National Monument Montana Intermountain 2 2 Polygon Capulin Volcano Nation National Monument New Mexico Intermountain 3 3 Polygon Gila Cliff Dwellings Nati National Monument New Mexico Intermountain	ру 🔳									
2 2 Polygon Capulin Volcano Natior National Monument New Mexico Intermountain 3 3 Polygon Gila Cliff Dwellings Nati National Monument New Mexico Intermountain	Date E									
3 3 Polygon Gila Cliff Dwellings Nati National Monument New Mexico Intermountain	7/1/19									
	8/9/19									
	11/16/									
4 4 Polygon Tuzigoot National Mon National Monument Arizona Intermountain	7/25/1									
5 5 Polygon Castillo de San Marcos National Monument Florida Southeast	10/15/									
6 Polygon Timpanogos Cave Nati National Monument Utah Intermountain	10/14/									
7 7 Polygon Tonto National Monum National Monument Arizona Intermountain	10/21/									
8 8 Polygon Buck Island Reef Nation National Monument Virgin Islands Southeast	12/28/									
9 9 Polygon Sunset Crater Volcano National Monument Arizona Intermountain	5/30/1									
10 10 Polygon Pipe Spring National M National Monument Arizona Intermountain	5/31/1									
11 11 Polygon El Morro National Moni National Monument New Mexico Intermountain	12/8/1									
12 12 Polygon Castle Clinton National National Monument New York Northeast	8/12/1									
13 13 Polygon Fossil Butte National M National Monument Wyoming Intermountain	10/23/									
14 14 Polygon Hovenweep National M National Monument Utah Intermountain	3/2/19									
15 Polygon Fort Union National Mc National Monument New Mexico Intermountain	4/5/19									
	00% - 2									

Highlight rows in the "Show selected records" view



Toggle buttons to filter table by map time, range or extent



Sort indicator (enabled when table is sorted)

UC2	021_Attribute	TipsTrick	s - ArcGIS Pro			[
	Parks and Mor	numents)	×				Ψ.
Field	d: 🖽 Add 🞚	Calculat	e Selection: 🖫 Select	t By Attributes 🛛 Zoor	n To 📲 Switch 📃 Clea	r 🙀 Delete 🚽 Copy	≡
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME	Date E
1	1	Polygon	Little Bighorn Battlefield	National Monument	Montana	Intermountain	7/1/19
2	2	Polygon	Capulin Volcano Natior	National Monument	New Mexico	Intermountain	8/9/19
3	3	Polygon	Gila Cliff Dwellings Nati	National Monument	New Mexico	Intermountain	11/16/
4	4	Polygon	Tuzigoot National Mon	National Monument	Arizona	Intermountain	7/25/1
5	5	Polygon	Castillo de San Marcos	National Monument	Florida	Southeast	10/15/
6	б	Polygon	Timpanogos Cave Natio	National Monument	Utah	Intermountain	10/14/
7	7	Polygon	Tonto National Monum	National Monument	Arizona	Intermountain	10/21/
8	8	Polygon	Buck Island Reef Natior	National Monument	Virgin Islands	Southeast	12/28/
9	9	Polygon	Sunset Crater Volcano №	National Monument	Arizona	Intermountain	5/30/1
10	10	Polygon	Pipe Spring National M	National Monument	Arizona	Intermountain	5/31/1
11	11	Polygon	El Morro National Mon	National Monument	New Mexico	Intermountain	12/8/1
12	12	Polygon	Castle Clinton National	National Monument	New York	Northeast	8/12/1
13	13	Polygon	Fossil Butte National M	National Monument	Wyoming	Intermountain	10/23/
14	14	Polygon	Hovenweep National N	National Monument	Utah	Intermountain	3/2/19
15	15	Polygon	Fort Union National Mc	National Monument	New Mexico	Intermountain	4/5/19
							E C
		0 of 146 se	lected	Filters:	🕒 🔍 🏗 🗘 - —	+ 1009	6 · 2

Note: Always click "Save" from the Edit tab after you're done

Type directly into a cell to start editing.

UC2	021	x	Book — 🗆 🗙					E	ı ×		
	Parks	A	2	/					-		
Field	d: 🛱		A		elect	elect By Attributes 🕂 Zoom To 📲 Switch 📃 Clear 💂 Delete 🚽 Copy					
	OB	1	FilePath	П		FilePath	UNIT_TYPE	STATENAME	REGIO		
1	21	2	021_Cabril		onu	<null></null>	National Monument	California	Pacific		
2	22	3	022_Sequoia.jpg		ırk	<null></null>	National Park	California	Pacific		
3	41	4	041_LavaBeds.jpg		м	<null></null>	National Monument	California	Pacific		
		5	043_KingsCanyon.jpg			<null></null>		California			
4	43	6	049_DevilsPostpile.jpg		n		National Park		Pacific		
5	49	7	052_CesarEChavez.jpg		D	<null></null>	National Monument	California	Pacific		
6	52	8	054_Pinnacles.jpg		io	<null></null>	National Monument	California	Pacific		
7	54	-	059_LassenVolcanic.jpg 062 CastleMountains.jpg		Pa	<null></null>	National Park	California	Pacific		
8	59	11	065 Yosemite.jpg		io	<null></null>	National Park	California	Pacific		
9	62	12	111 JoshuaTree.jpg		at	<null></null>	National Monument	California	Pacific		
10	65	13	116_TuleLake.jpg		ark	<null></null>	National Park	California	Pacific		
		14	117_MuirWoods.jpg		dik						
11	111	15	122_Redwood.jpg		1	<null></null>	National Park	California	Pacific		
12	116	16	128_DeathValley.jpg		M	<null></null>	National Monument	California	Pacific		
13	117	17	140_ChannelIslands.jpg	-	al	<null></null>	National Monument	California	Pacific		
14	122	10		-	a	<null></null>	National Park	California	Pacific		
15	128				al	<null></null>	National Park	California	Pacific		
		_		-			1				
			0 of 16 selected			Filter	: 🕒 🖱 🔚 🗘 - —	+ 100%	- 12		

Note: New rows are created if the pasted data contains more rows than the table, new fields are not created

Copy Excel data and paste it directly into your table

UC2	UC2021_AttributeTipsTricks - ArcGIS Pro									
	III Parks and Monuments ×									
Field	d: 📰 Add 🖪	Calculat	e Selection: 🖓 Select	t By Attributes 👩 Zoom	To 🖶 Switch 📃 Clea	r 🙀 Delete 🚽 Cop	y =			
NationalMonument Find in: All fields X Filter results X										
OBJECTID * Shape * UNIT_NAME UNIT_TYPE STATENAME REGIONNAME Date E										
1	21	Polygon	Cabrillo National Monu	NationalMonument	California	Pacific West	10/14/			
2	22	Polygon	Sequoia National Park	National Park	California	Pacific West	9/25/1			
3	41	Polygon	Lava Beds National M	NationalMonument	California	Pacific West	11/21/			
4	43	Polygon	Kings Canyon Nation	National Park	California	Pacific West	3/4/19			
5	49	Polygon	Devils Postpile Natio	NationalMonument	California	Pacific West	7/6/19			
6	52	Polygon	Cesar E. Chavez Natio	NationalMonument	California	Pacific West	10/8/2			
7	54	Polygon	Pinnacles National Pa	National Park	California	Pacific West	1/10/2			
8	59	Polygon	Lassen Volcanic Natio	National Park	California	Pacific West	8/9/19			
9	62	Polygon	Castle Mountains Nat	NationalMonument	California	Pacific West	2/12/2			
10	65	Polygon	Yosemite National Park	National Park	California	Pacific West	10/1/1			
11	111	Polygon	Joshua Tree National	National Park	California	Pacific West	10/31/			
12	116	Polygon	Tule Lake National M	NationalMonument	California	Pacific West	12/5/2			
13	117	Polvaon	Muir Woods National	NationalMonument	California	Pacific West	1/9/19			
		0 of 16 sele	ected	Filters: (99714 - —	+ 10	0% • 🔁			

Find values in the table and replace them with new values

	UC2021_AttributeTipsTricks - ArcGIS Pro										
	1: 🗊 📰	Selection: 🖷 🥑 🖥		Rows:							
	OBJECTID *	Name	SeasonID *	Finish	Insert Rows						
1	1	Richard Hatch	1	Sole Survivor	Insert one or more rows into the table						
2	2	Kelly Wiglesworth	1	Runner-up							
3	3	Rudy Boesch	1	Jury							
4	4	Susan "Sue" Hawk	1	Jury							
5	5	Sean Kenniff	1	Jury							
6	6	Colleen Haskell	1	Jury							
7	7	Gervase Peterson	1	Jury							
8	8	Jenna Lewis	1	Jury							
9	9	Greg Buis	1	Jury							
10	10	Greatchen Cordy	1	Voted Out							
11	11	Joel Klug	1	Voted Out							
12	12	Dirk Been	1	Voted Out							
13	13	Ramona Gray	1	Voted Out							
14	14	Stacey Stillman	1	Voted Out							
15	15	B.B. Andersen	1	Voted Out							
16		0 of 735 selected	Filter	v-+	↓+ 100% - ♂						

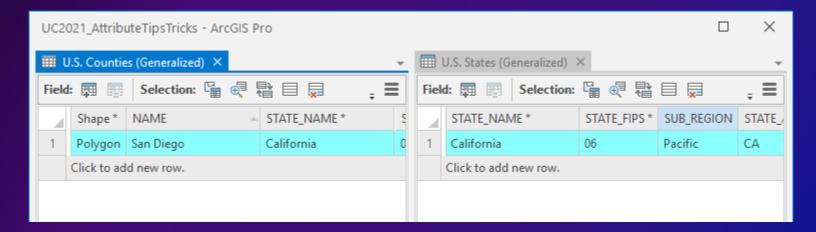
Insert new rows into standalone tables

Add Join	? ×
Input Table U.S. Counties (Generalized)	• 🚘
Input Join Field STATE_NAME	
Join Table U.S. States (Generalized)	•
Join Table Field STATE_NAME	
✓ Keep All Target Features	
Validate Join	
	ОК

Add Relate	?	×
Layer Name or Table View U.S. States (Generalized)	•	
Input Relate Field		_
STATE_NAME		•
Relate Table		
U.S. Counties (Generalized)	•	
Output Relate Field		
STATE_NAME		•
Relate Name		
Relate1		
Cardinality		
One to many		•
Г	OK	

Add Relate GP tool

Add Join GP tool



One-to-one relationship

San Diego County is only related to the state of California

Use joins for these relationships

UC2021_AttributeT	ipsTricks - ArcGIS Pro)						
🔠 U.S. States (Gene	eralized) ×		Ŧ	💷 L	J.S. C	ounties (G	eneralized) ×	-
Field: 📰 🔄 Selection: 🖫 🛃 🖶 📮 📮						s 📰 s	election: 🔓 🤂 🚏	■ ,
AREA S	TATE_NAME *	STATE_FIPS *	SUB_REGI		ID *	Shape *	NAME	STATE_NAME *
1 157776.31 C	alifornia	06	Pacific	1		Polygon	Alameda	California
Click to add new	w row.			2		Polygon	Alpine	California
				3		Polygon	Amador	California
				4		Polygon	Butte	California
				5		Polygon	Calaveras	California
				6		Polygon	Colusa	California
				7		Polygon	Contra Costa	California
				8		Polygon	Del Norte	California
				9		Polygon	El Dorado	California
				10		Polygon	Fresno	California

One-to-many relationship

California has many counties

Use relates for these relationships

Joins and relates are temporary

Create a relationship class at the database level for a permanent solution.

Geoprocessing	- E ×				
Create Relationship Class	\oplus				
Parameters Environments	?				
Origin Table	1				
states •					
Destination Table					
counties -					
Output Relationship Class					
states_counties					
Relationship Type					
Simple	•				
Forward Path Label					
counties					
Backward Path label					
states					
Message Direction					
None (no messages propagated) -					
Cardinality					
One to many (1:M)	•				
Relationship class is attributed					
Origin Primary Key					
🜔 Ru	in *				

Attributes in the Table: UI options and customization

Options	X
Geoprocessing	Cat antiana far adding navy ravy
Device Location	Set options for adding new rows
Share and Download	Hide the 'Click to add new row' option for feature class tables
Raster and Imagery	
Full Motion Video	
Display	
Table	
Layout	
Text and Graphics	
Color Management	
BIM	
CAD	
Metadata	
Indexing	
Location Referencing	
Geodatabase Replication	
Proofing	
Language	
User Interface	
Customize the Ribbon	
Quick Access Toolbar	Learn more about table options
	OK Cancel

Prevent creating non-spatial rows by hiding the "Click to add new row" option at the bottom of the table.

Attributes in the Table: UI options and customization

Options х Geoprocessing Set user interface options Device Location Share and Download General Raster and Imagery ✓ Context menus remember last selection Full Motion Video Set default options for working with views Display Table Tables Position of the first view opened in the project Layout O Docked below the active map Text and Graphics Stacked on top of the active view Color Management BIM As a separate floating window CAD Stack additional views on top of the last active table view Metadata Indexing Charts Location Referencing > Videos Geodatabase Replication Proofing > ModelBuilder Language > Notebook User Interface Customize the Ribbon Learn more about user interface settings Quick Access Toolbar

OK Cancel

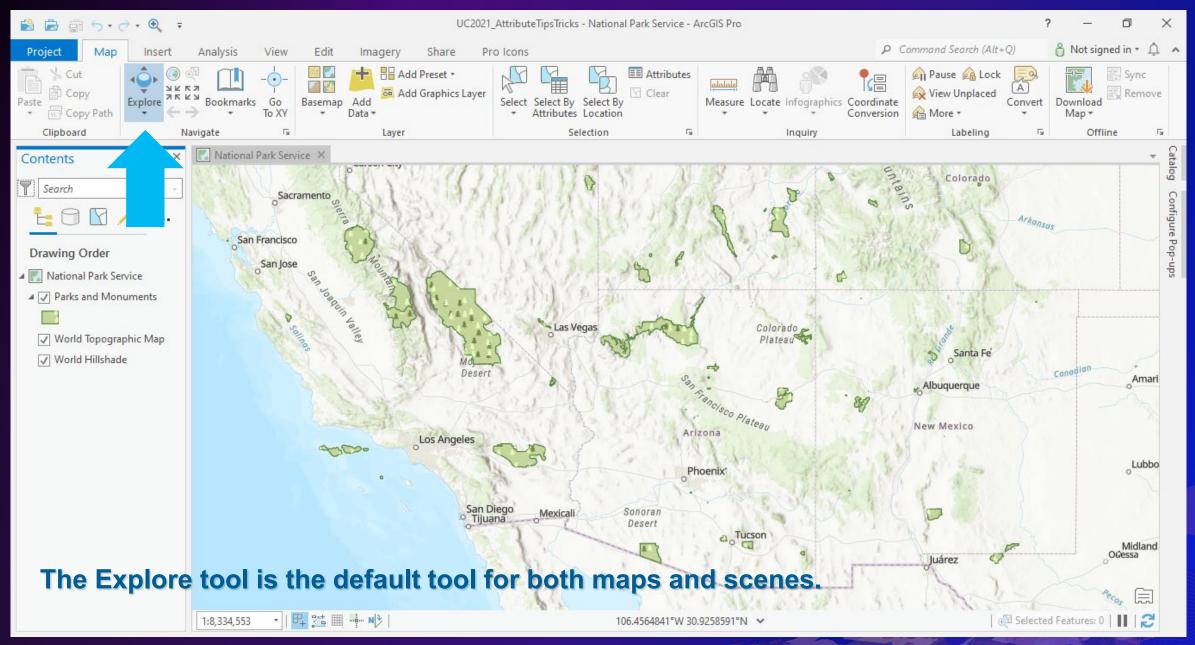
Set default options for how and where tables will open.

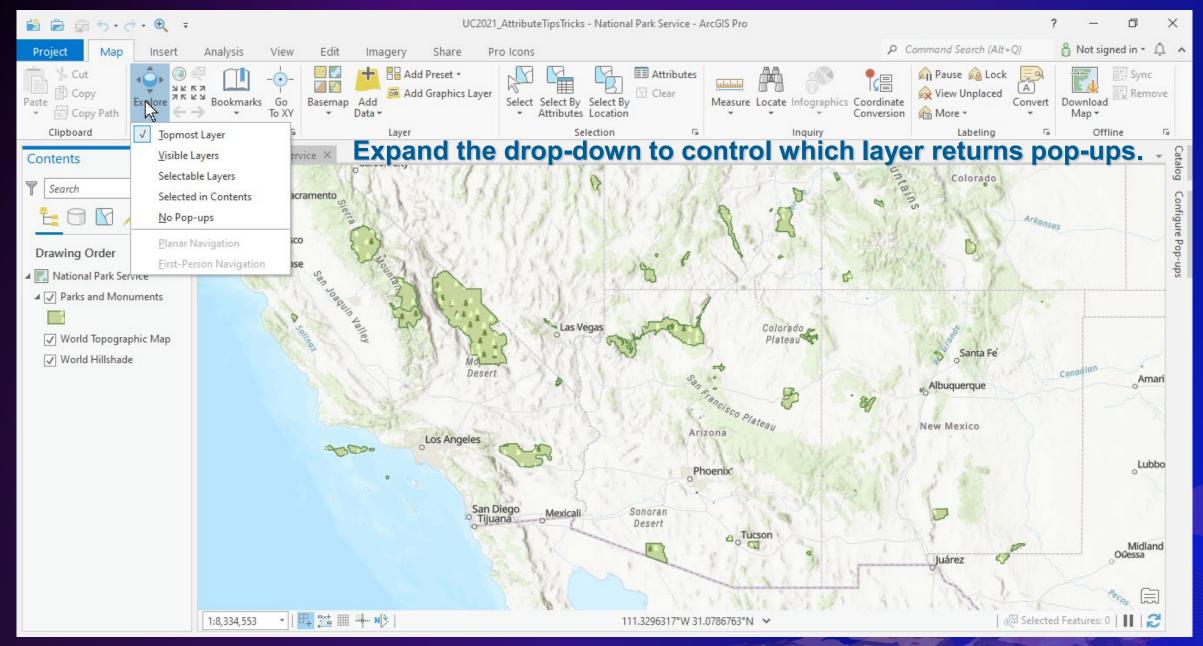
	OBJECTID *	Shape *	UNIT_NAME	UNIT_TYPE	STATENAME	REGIONNAME
1	8	Polygon	Buck Island Reef Nation	National Monument	Virgin Islands	Southeast
2	2	Polygon	Capulin Volcano Nation	National Monument	New Mexico	Intermountain
3	5	Polygon	Castillo de San Marcos	National Monument	Florida	Southeast
4	12	Polygon	Castle Clinton National	National Monument	New York	Northeast
5	16	Polygon	Dry Tortugas National P	National Park	Florida	Southeast
6	11	Polygon	El Morro National Mon	National Monument	New Mexico	Intermountain
7	17	Polygon	Fort Frederica National	National Monument	Georgia	Southeast
8	15	Polygon	Fort Union National Mc	National Monument	New Mexico	Intermountain
9	13	Polygon	Fossil Butte National M	National Monument	Wyoming	Intermountain
10	3	Polygon	Gila Cliff Dwellings Nati	National Monument	New Mexico	Intermountain
11	14	Polygon	Hovenweep National N	National Monument	Utah	Intermountain
12	1	Polygon	Little Bighorn Battlefield	National Monument	Montana	Intermountain
13	10	Polygon	Pipe Spring National M	National Monument	Arizona	Intermountain
14	9	Polygon	Sunset Crater Volcano №	National Monument	Arizona	Intermountain
15	6	Polygon	Timpanogos Cave Natio	National Monument	Utah	Intermountain

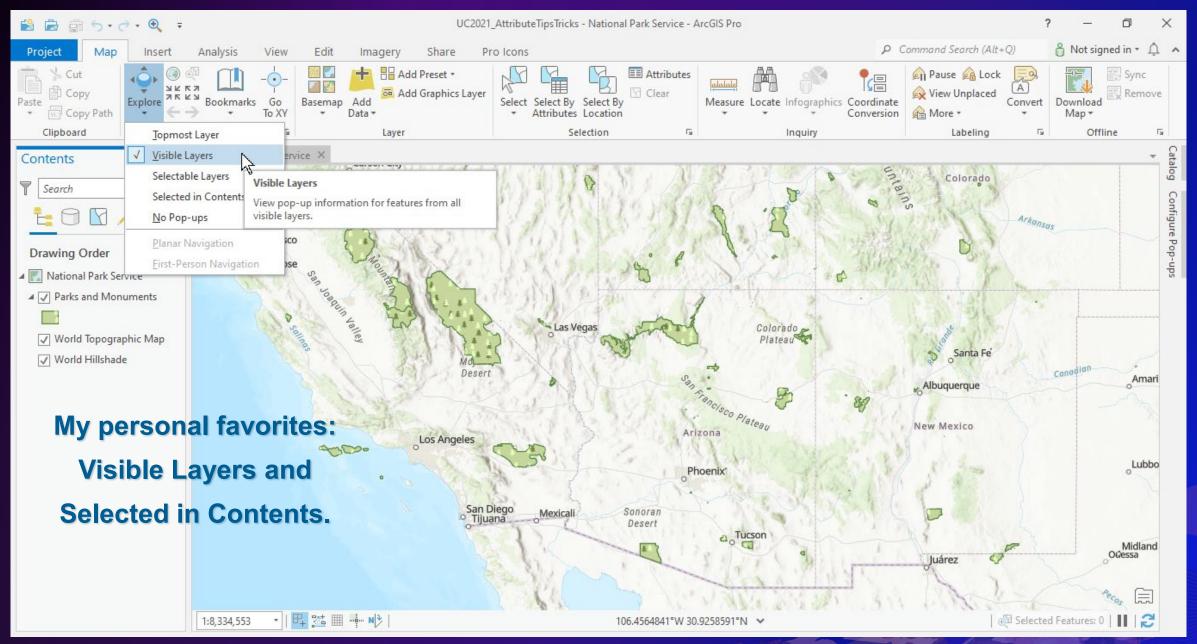
Organizing and Editing a Table in Pro Alycia Rajendran

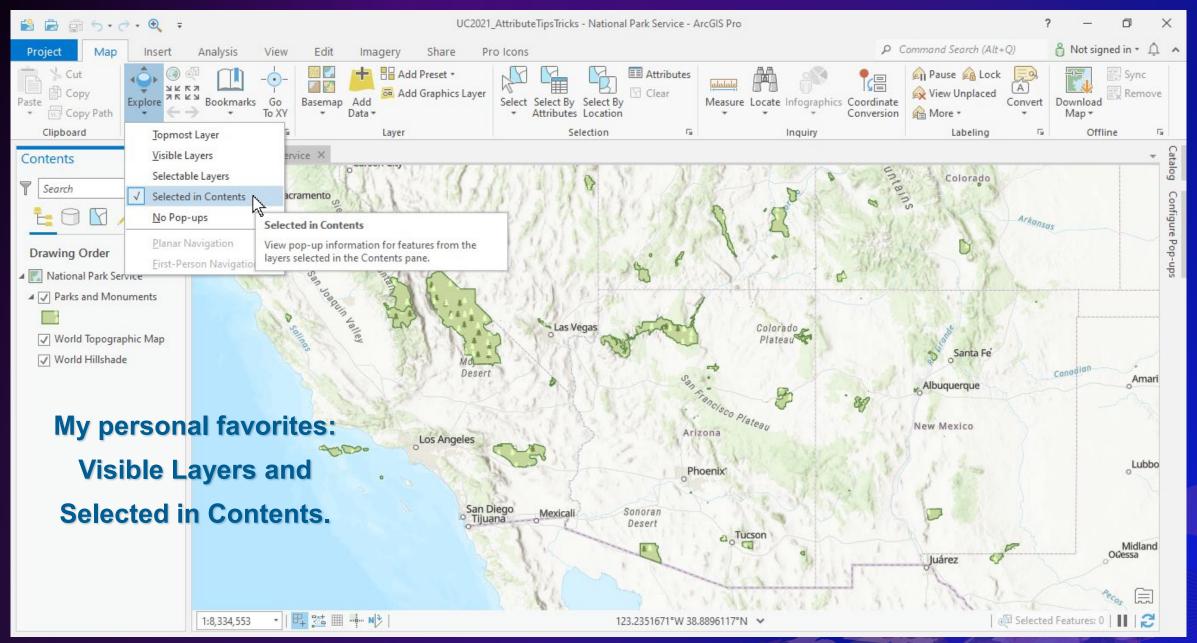
Attributes in a Pop-up

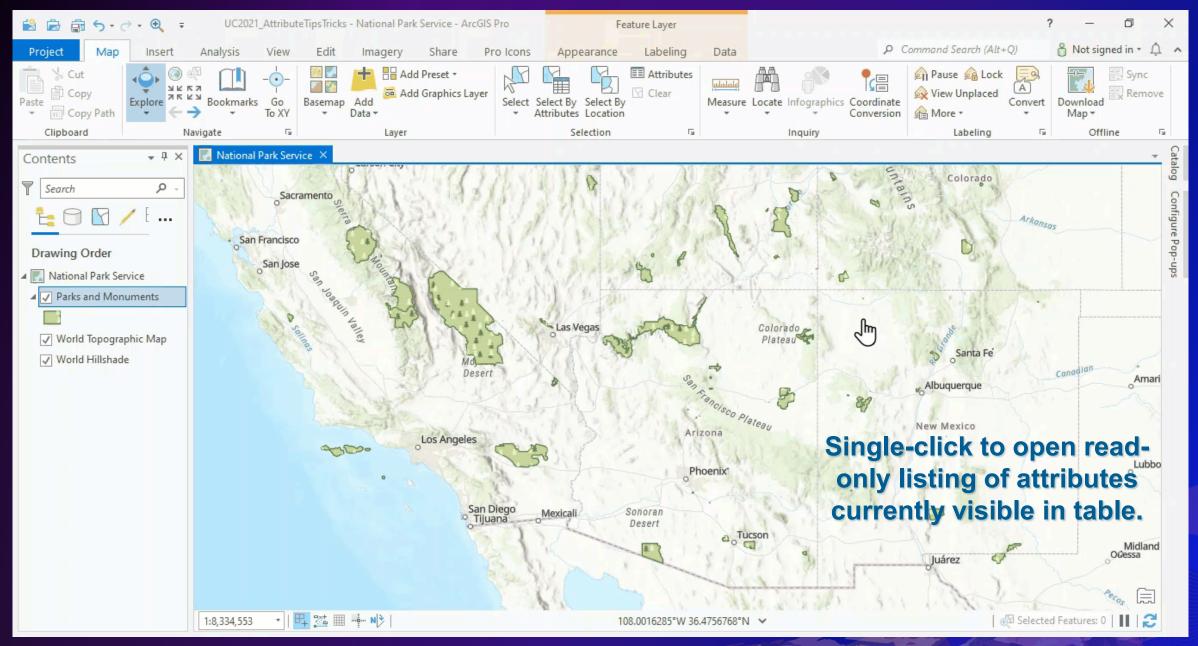
Jill Scholz

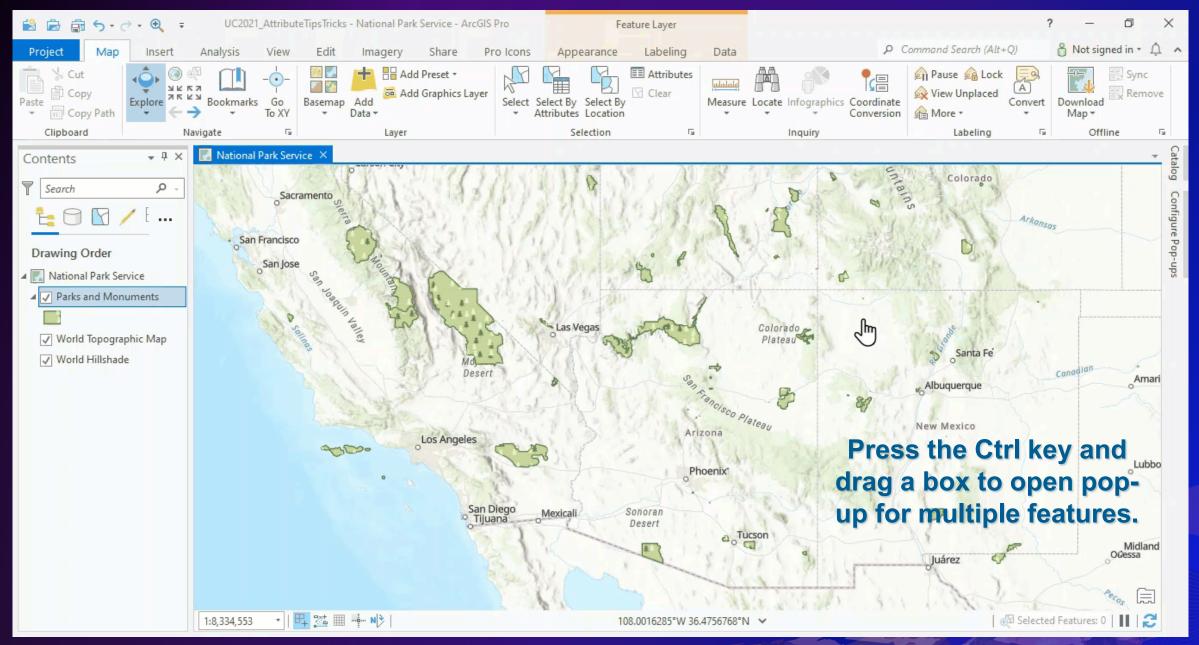












- 🗆 🗙 Pop-up Parks and Monuments (4) Canyonlands National Park Capitol Reef National Park Colorado National Monument Arches National Park Parks and Monuments - Canyonlands National Park OBJECTID 28 Canyonlands National Park UNIT NAME National Park UNIT TYPE STATENAME Utah REGIONNAME Intermountain Date 9/12/1964 Established Visitors (2018) 739449 URL Handle cany Image URL https://www.nps.gov/media/photo/gallery-item.htm?pg=6047465&id=5A678E4C-155D-451F-67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD Visitors (2010) 435908 Visitors (2011) 473773 Visitors (2012) 452952 Visitors (2013) 462242 Visitors (2014) 542431 Visitors (2015) 634607 Visitors (2016) 776218 Visitors (2017) 742271 Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes Information carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure. 🚔 🕅 🌞 4 1 of 4 ▶ 109.8801734°W 38.2455637°N

Tree view listing all identified items grouped by layer

Attributes of one feature at a time

Pop-up							
Canyonlan Capitol Ree Colorado N	 Parks and Monuments (4) Canyonlands National Park Capitol Reef National Park Colorado National Monument Arches National Park 						
Parks and Mor	numents - Canyonlands National Park						
Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=604/465&id=5A6/8E4C-155D-451E- 67D07013D9C51778&gid=5AB4426C-155D-451E-670E2E4BB408AEDD	1					
Visitors (2010)	435908						
Visitors (2011)	473773						
Visitors (2012)	452952						
Visitors (2013)	462242						
Visitors (2014)	542431						
Visitors (2015)	634607						
Visitors (2016)	776218						
Visitors (2017)	742271						
Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure.						
Shape_Length	353937.358778						
Shape_Area	2196490657.193834						
028 Саруор	lands ing						

028_Canyonlands.jpg



Image attachments are included below

🔒 🗹 🌸 🔾

^p op-up	* 🗆	×
Capitol Reel	Is National Park f National Park ational Monument	
Parks and Mon	uments - Canyonlands National Park	
Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=604/465&id=5A6/8E4C-155D-451E- 67D07013D9C51778&gid=5A84426C-155D-451E-670E2F48B408AFDD	
Visitors (2010)	435908	
Visitors (2011)	473773	
Visitors (2012)	452952	
Visitors (2013)	462242	
Visitors (2014)	542431	
Visitors (2015)	634607	
Visitors (2016)	776218	
Visitors (2017)	742271	
Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure.	
Shape_Length	353937.358778	
Shape_Area	2196490657.193834	

028_Canyonlands.jpg



Drag gray section divider to resize

Parks and Monuments (4) Canvonlands National Park							
Canyonlands National Park							
Capitol Reef National Park Colorado National Monument							
Arches National Park							
Parks and Monuments - Canyonlands National Park	1						
67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD							
Visitors (2010) 435908							
Visitors (2011) 473773							
Visitors (2012) 452952							
Visitors (2013) 462242							
Visitors (2014) 542431							
Visitors (2015) 634607							
Visitors (2016) 776218							
Visitors (2017) 742271							
Information Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure.							
Shape_Length 353937.358778							
Shape_Area 2196490657.193834							

028_Canyonlands.jpg



Hover over to reveal quick buttons that...

Pop-up	▼	×
Parks and Mon	uments - Canyonlands National Park	
OBJECTID	28	Í
UNIT_NAME	Canyonlands National Park	
UNIT_TYPE	National Park	
STATENAME	Utah	
REGIONNAME	Intermountain	
Date Established	9/12/1964	
Visitors (2018)	739449	
URL Handle	cany	
Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=6047465&id=5A678E4C-155D-451F- 67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD	
Visitors (2010)	435908	
Visitors (2011)	473773	
Visitors (2012)	452952	
Visitors (2013)	462242	
Visitors (2014)	542431	
Visitors (2015)	634607	
Visitors (2016)	776218	
Visitors (2017)	742271	
Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed butte carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure.	
Shape_Length	353937.358778	
Shape_Area	2196490657.193834	
028_Canyonl	ands.jpg	

109.8801734°W 38.2455637°N

🖶 🗹 🌞 🔍

Hide the Top portion



4 1 of 4 ▶

Pop-up Parks and Monuments (4) Canyonlands National Park

Capitol Reef National Park Colorado National Monument Arches National Park Hide the Bottom portion

- □ ×

Pop-up	→ □>
Parks and Monuments (4)	
Canyonlands National Park	
Capitol Reef National Park	
Colorado National Monument	
Arches National Park	

Drag gray divider to reveal hidden side

🖶 🖸 🌸 🔍

- □ ×

🚔 🗹 🔅

Pop-up ▲ Parks and Monuments (4) Parks and Monuments - Canyonlands National Park Canyonlands National Park Capitol Reef National Park OBJECTID 28 Colorado National Monument Canyonlands National Park UNIT NAME Arches National Park National Park UNIT_TYPE STATENAME Utah REGIONNAME Intermountain 9/12/1964 Date Established Visitors (2018) 739449 URL Handle cany Image URL https://www.nps.gov/media/photo/gallery-item.htm? pg=6047465&id=5A678E4C-155D-451F-67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD Visitors (2010) 435908 Visitors (2011) 473773 Visitors (2012) 452952 Visitors (2013) 462242 Visitors (2014) 542431 Visitors (2015) 634607 Visitors (2016) 776218 Visitors (2017) 742271 Canyonlands invites you to explore a wilderness of Information countless canyons and fantastically formed buttes carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure. Shape_Length 353937.358778 2196490657.193834 Shape Area 109.8801734°W 38.2455637°N

Switch to side-by-side orientation

Pop-up	Pop-up 👻 🗖 🗙						
Parks and Mon	umente (4)						
	Is National Park						
	National Park						
Colorado Na Arches Nati	ational Monument						
Arches Hadi	onur runk						
Parks and Mon	uments - Canyonlands National Park						
OBJECTID	28						
	Zo Canyonlands National Park						
UNIT_NAME	Canyonianos National Park						
UNIT_TYPE STATENAME	Utah						
REGIONNAME							
Date Established	9/12/1964						
Visitors (2018)	739449						
URL Handle	cany						
Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=6047465&id=5A678E4C-155D-451F- 67D07013D9C51778&gid=5A84426C-155D-451F-670E2F48B408AFDD						
Visitors (2010)	435908						
Visitors (2011)	473773						
Visitors (2012)	452952						
Visitors (2013)	462242						
Visitors (2014)	542431						
Visitors (2015)	634607						
Visitors (2016)	776218						
Visitors (2017)	742271						
Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure.	v					
4 1 of 4 ▶	109.8801734°W 38.2455637°N 🐣 🖸 🕸	Q					

Pin a pop-up to compare attributes

Ρ	Pop-up									
4	▲ Parks and Monuments (4)									
		Is National Park								
	Capitol Reef	National Park	Zoom To							
		ational Monument	Pan To							
	Arches Nati	onal Park	Select							
			Unselect							
			Flash							
P	arks and Mon	uments - Canyonlands N	Move to Pinned Pop-up							
	OBJECTID	28	Remove From List	Î						
	UNIT NAME	Canyonlands National Park	Layer Properties							
	-	-	Layer Properties							
	UNIT_TYPE	National Park								
	STATENAME	Utah								
	REGIONNAME	Intermountain								
	Date Established	9/12/1964								
	Visitors (2018)	739449								
	URL Handle	cany								
	Image URL		<u>/photo/gallery-item.htm?pg=6047465 5AB4426C-155D-451F-670E2F4BB408/</u>							
	Visitors (2010)	435908								
	Visitors (2011)	473773								
	Visitors (2012)	452952								
	Visitors (2013)	462242								
	Visitors (2014)	542431								
	Visitors (2015)	634607								
	Visitors (2016)	776218								
	Visitors (2017)	742271								
	Information	carved by the Colorado Rive Sky, The Needles, The Maze	explore a wilderness of countless cany er and its tributaries. Rivers divide the , and the rivers themselves. These area , different opportunities for sightceein	park into four districts: Island in the as share a primitive desert						
4	1 of 4 ▶	atmosphere but each offers different opportunities for sightseeing and adventure. ▼ 1 of 4 ▶ 109.8801734°W 38.2455637°N ♣ 🖸 ♣ Q								

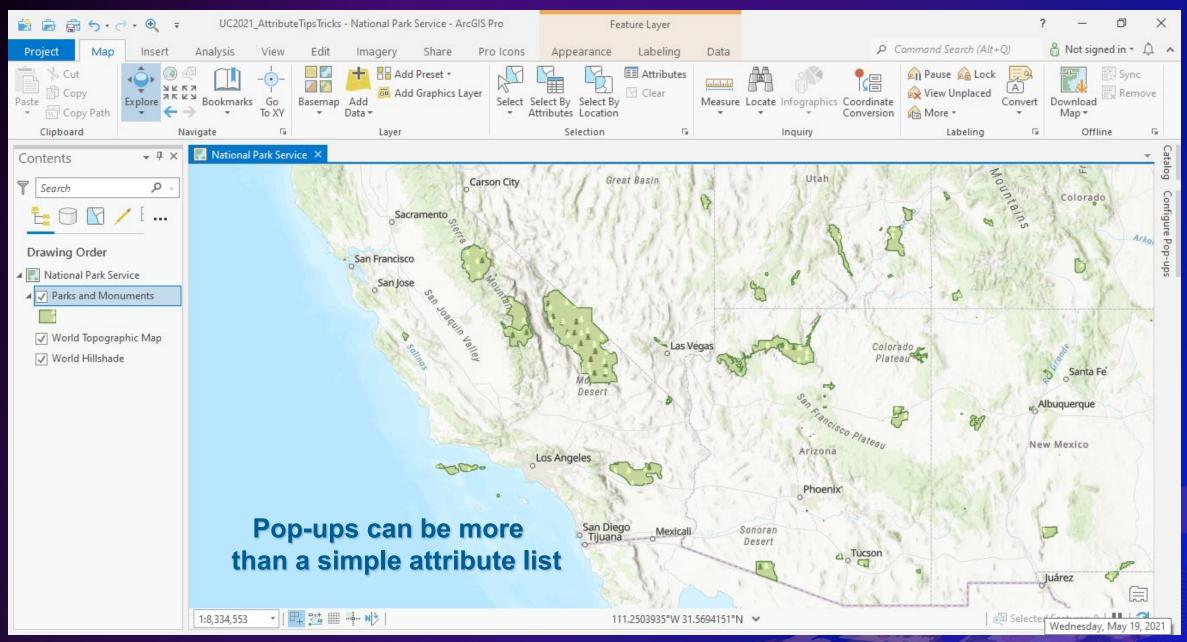
Right-click to open as a pinned pop-up

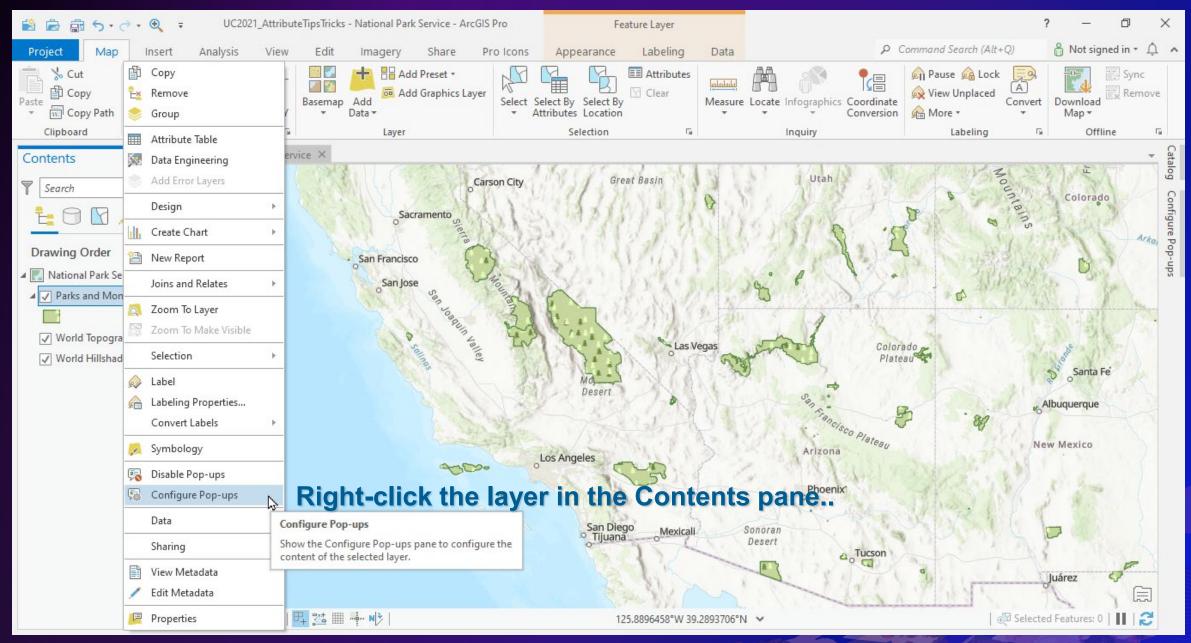
Pop-up			÷□×							
Parks and Mon	uments (3)									
	f National Park									
	Colorado National Monument Arches National Park									
Arches Natio	Arches National Park									
		Parks and Mon	uments - Canyonlands National Park 🛛 🗠 🛪							
		Parks and Mon								
Parks and Mon	uments - Cap	Canyonland	s National Park							
OBJECTID	48									
UNIT_NAME	Capitol Reef Na									
UNIT_TYPE	National Park									
STATENAME	Utah		A							
REGIONNAME	Intermountain	OBJECTID	28							
Date	12/16/1971	UNIT_NAME	Canyonlands National Park							
Established		UNIT_TYPE	National Park							
Visitors (2018)	1227627	STATENAME	Utah							
URL Handle	care	REGIONNAME	Intermountain							
Image URL	https://www.np 1ecbd921cd88	Date Established	9/12/1964							
Visitors (2010)	662661	Visitors (2018)	739449							
Visitors (2011)	668834	URL Handle	cany							
Visitors (2012)	673345	Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=6047465&id=5A678E4C-155D-451F-							
Visitors (2013)	663670		67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD							
Visitors (2014)	785514	Visitors (2010)	435908							
Visitors (2015)	941029	Visitors (2011)	473773							
Visitors (2016)	1064904	Visitors (2012)	452952							
Visitors (2017)	1150165	Visitors (2013)	462242							
Information	Located in sour	Visitors (2014)	542431							
	treasure filled v	Visitors (2015)	634607							
	(a wrinkle on tł	Visitors (2016)	776218							
4 1 of 3 ▶		Visitors (2017)	742271							
		Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved							

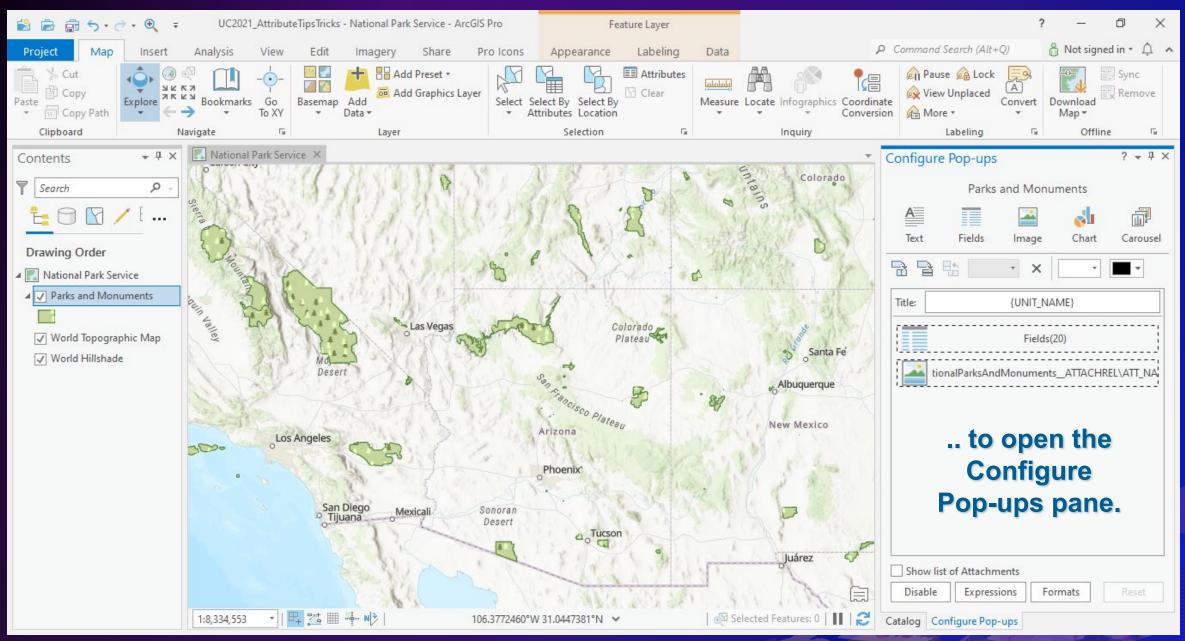
Pop-up			+ □ ×					
 Parks and Monuments (3) Capitol Reef National Park Colorado National Monument Arches National Park 								
		Parks and Mon	uments - Canyonlands National Park					
		Parks and Mon	Move to Pop-up Pane .					
Parks and Mon	iuments - Cap	Canyonland	s National Park					
OBJECTID	48							
UNIT_NAME	Capitol Reef Na							
UNIT TYPE	National Park							
STATENAME	Utah							
REGIONNAME	Intermountain	OBJECTID	28					
Date	12/16/1971	UNIT_NAME	Canyonlands National Park					
Established		UNIT_TYPE	National Park					
Visitors (2018)	1227627	STATENAME	Utah					
URL Handle	care	REGIONNAME	Intermountain					
Image URL	https://www.np 1ecbd921cd88	Date Established	9/12/1964					
Visitors (2010)	662661	Visitors (2018)	739449					
Visitors (2011)	668834	URL Handle	cany					
Visitors (2012)	673345	Image URL	https://www.nps.gov/media/photo/gallery-item.htm?pg=6047465&id=5A678E4C-155D-451F-					
Visitors (2013)	663670		67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD					
Visitors (2014)	785514	Visitors (2010)						
Visitors (2015)	941029	Visitors (2011)						
Visitors (2016)	1064904	Visitors (2012)	452952					
Visitors (2017)	1150165	Visitors (2013)						
Information Located in sou								
	treasure filled v (a wrinkle on th	Visitors (2015)						
1 of 3 ▶		Visitors (2016)						
		Visitors (2017)						
		Information	Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes carved					

Pinned pop-ups remain until closed or returned

Pop-up		X					ire Laver	7		[Parks and Mo	numents - Capi	tol Reef National Park 🛛 🖻 🛠 🗙			
4 Parks and Monuments (5)		Parks and Monuments - Arches Nat									A Parks and Mo	onuments (1)				
 Parks and Monuments (5) Canyonlands National Park 		Parks and N							Data			ef National Park				
Natural Bridges National Monument		Arches N	Nation	nal Parl	k _				<u>AA</u>							
Colorado National Monument						Parks and Mon	uments - Ce	eda	ir Breaks Natio	onal Monu.						
Yucca House	e National Monument					A Parks and Mor	numents (1)				OBJECTID	48	Â			
Mesa Verde	National Park	OBJECTID	9	97		Cedar Breal	ks National Mo	onu	iment							
		UNIT_NAME	FΔ	Arches	National Park						UNIT_NAME	Capitol Reef Na	tional Park			
Parks and Monu	uments - Yucca House National Monument	UNIT_TYPE			al Park						UNIT_TYPE	National Park				
						OBJECTID	95				STATENAME	Utah				
OBJECTID	141	STATENAME	E U	Jtah		UNIT NAME	Cedar Breaks	s Na	ational Monume	nt	REGIONNAM	E Intermountain				
UNIT_NAME	Yucca House National Monument	REGIONNAM	ME Ir	ntermo	ountain	UNIT_TYPE	National Mor				Date	12/16/1971				
UNIT_TYPE	National Monument	Date		1/12/1	1971	_		nun	nem		Established	12,10,1371				
	Colorado	Established				STATENAME	Utah				Visitors (2018)) 1227627				
REGIONNAME	Intermountain	Visitors (201			7	REGIONNAME		In			URL Handle	care				
Date	12/19/1919	URL Handle	: a	arch		Date Established	8/22/1933	_								
Established	12/13/1313	4 1 of 1 ▶	1	09.586	53776°W 38.722	Visitors (2018)	644515	P	arks and Mon	uments - Z	ion National P	ark	Ľ ≈ × 15°N ♣ 🗹 🕸 Q:			
Visitors (2018)	andle vuho e URL https://www.nps.gov/yuho/index.htm		5	uin -	en l	Visitors (2016)	044515	4	Parks and Mon	numents (1)						
			S	Ya F	Parks and Mon	uments - Rainb	ow Bridge N	N	Zion Nation	nal Park		Parks and Mon	uments - Bryce Canyon National P			
			,				2	A Parks and Mor							 Parks and Monuments (1) 	
Image URL				51	Rainbow Bri	idge National Mo	nument					Bryce Canyo	on National Park			
Visitors (2010)	<null></null>		2	1					OBJECTID	80						
Visitors (2011)	<null></null>			2					UNIT_NAME	Zion Nation	al Park					
Visitors (2012)	(2012) <null> Pin as many a</null>		2	13	OBJECTID	32			UNIT_TYPE	National Par	k	OBJECTID	18			
Visitors (2013)	<null></null>				UNIT_NAME	Rainbow Bridge	National Monu	iL 🗌	STATENAME	Utah		UNIT_NAME	Bryce Canyon National Park			
Visitors (2014)	<null> you want!</null>		2	30	UNIT_TYPE	National Monum	nent		REGIONNAME	Intermounta	in	UNIT_TYPE	National Park			
Visitors (2015)	<null></null>				STATENAME	Utah			Date	11/19/1919		STATENAME	Utah			
Visitors (2016)	<null></null>				REGIONNAME	Intermountain			Established			REGIONNAME	Intermountain			
Visitors (2017)	<null></null>				Date	5/30/1910			Visitors (2018)	4320033		Date	2/25/1928			
Information	Through a continuing tradition of public and private coop	eration			Established				URL Handle	zion		Established				
	Yucca House National Monument preserves one of the lar	gest			Visitors (2018)	110904		H	1 of 1 b	112 0265257	NN 27 20020019	Visitors (2018)	2679478			
archeological sites in SW Colorado. The unexcavated natu					URL Handle	rabr			I of 1 ▶ 113.0265		3°W 37.2983981°	URL Handle	brca			
	site preserves its integrity and beauty for future generation scientists and visitors. Experience a sense of discovery by y				(1-61)	110.000000000	27.077002.681		A 17 #		0	4 1 of 1 ▶	112 102602900 27 502007190			
4 of 5 ▶	108.6861380°W 37.2477953°N	🖶 🗹 🔅 🔍			(1 of 1)⊧	110.9655210°W	37.0778934°N	I	ê 🛛 🕸 (✓ .:: 		1011	112.1826803°W 37.5839971°N 35 new notifications			







Elements in a pop-up:

• Text

Configure Pop-ups ? - 4 ×									
	Parks a	nd Monu	ments						
A			al a	<u> </u>					
Text	Fields	Image	Chart	Carousel					
	€	• ×	-	•					
Title:		{UNIT_NA	ME}						
		Fields(2	20)						
tiona tiona	alParksAndN	lonuments	_ATTACHRI	el\att_na					
Chave list a	of Attachme	nto							
Disable	Expressio		mats	Reset					
Catalog Conf	figure Pop-u								

Elements in a pop-up:

• Text

Fields

Configu	re Pop-up	S		? ↓ ╄ ×						
Parks and Monuments										
A			d	<u> </u>						
Text	Fields	Image	Chart	Carousel						
		- ×	•	-						
Title:		{UNIT_N/	AME}							
		Fields	(20)							
t l	ional Parks Ar	ndMonument	s_ATTACHR	EL\ATT_NA						
				i						
Show										
	Show list of Attachments Disable Expressions Formats Reset									
Catalog (Configure Po	p-ups								
and the second sec				Correct H						

Elements in a pop-up:

- Text
- Fields
- Image

Configure Pop-ups	? ↓ ╄ ×			
Parks and Monuments				
A 🗌 🔛 🛃	<u> </u>			
Text Fields Image Chart	Carousel			
	•			
Title: { NAME}				
Fields(20)				
tionalParksAndMonuments_ATTACHREL\ATT_NA				
Show list of Attachments				
Disable Expressions Formats	Reset			
Catalog Configure Pop-ups				

Elements in a pop-up:

- Text
- Fields
- Image
- Chart

Configure	e Pop-ups			? • ₽ ×	
	Parks and Monuments				
A			d	<u> </u>	
Text	Fields	Image	Chart	Carousel	
		- ×			
Title:		{UNIT_NA	AME		
		Fields(20)		
tio	onalParksAnd	Monument	s_ATTACHRI	EL\ATT_NA	
Show list of Attachments					
Disable	Express	ions Fo	ormats	Reset	
Catalog Configure Pop-ups					

Elements in a pop-up:

- Text
- Fields
- Image
- Chart
- Carousel Multiple Images and Charts in a gallery

Configu	re Pop-ups			? • ₽ ×	
	Parks and Monuments				
A			d	j.	
Text	Fields	Image	Chart	Carousel	
		- ×	•	•	
Title:		{UNIT_NA	ME}		
		Fields(2	20)		
t 📑 t	tionalParksAndMonuments_ATTACHREL\ATT_NA				
	list of Attachn				
Disable	e Express	ions For	rmats	Reset	
Catalog C	Configure Pop	-ups			The second

Attributes in a pop-up: Building with elements

Add or change elements

Add new element to end - Single click

Configure Pop-ups ? 👻 🕂 🗙				
Parks and Monuments				
Text Fields Image Chart Carousel				
Title: {UNIT_NAME}				
Fields(20)				
Show list of Attachments				
Disable Expressions Formats Reset				
Catalog Configure Pop-ups				

Attributes in a pop-up: Building with elements

Add or change elements

- Add new element to end Single click
- Replace element Click and drag

Config	ure F	op-ups			? - ∓ ×
	Parks and Monuments				
A Text	2	Fields Im	age	olu Chart	Carousel
		5 	×	*	•
Title:		10}	NIT_NAME	:}	
			Fields(20)		
	tiona	IParksAndMon	uments_4	ATTACHRI	EL\ATT_NA
Α	Text				
Show list of Attachments					
Disa	ble	Expressions	Forma	ats	Reset
Catalog	Conf	igure Pop-ups			

Attributes in a pop-up: Building with elements

Add or change elements

- Add new element to end Single click
- Replace element Click and drag
- Swap two elements Click and drag

Configure Pop-ups ? - 7 ×			
Parks and Monuments			
Text Fields Image Chart Carousel			
Title: {UNIT_NAME}			
Fields(20)			
tionalParksAndMonuments_ATTACHREL\ATT_NA			
Chart			
Show list of Attachments			
Disable Expressions Formats Reset			
Catalog Configure Pop-ups			

Assemble elements into a grid-like formation

Split horizontally – Two side-by-side elements

Configure Pop-ups ? 👻 🕂 🗙			
Parks and Monuments			
Text Fields Image Chart Carousel			
Title: {UNIT_NAME}			
tionalParksAndMonuments_ATTACHREL\ATT_NA			
Chart			
Fields(20)			
Show list of Attachments			
Disable Expressions Formats Reset			
Catalog Configure Pop-ups			

Assemble elements into a grid-like formation

- Split horizontally Two side-by-side elements
- Split vertically Two stacked elements

Configure Pop-ups ? - # ×			
Parks and Monuments			
Text Fields Image Chart Carousel			
Title: {UNIT_NAME}			
1ents 1ents 1ents 1ents			
Chart Chart			
Fields(20)			
Show list of Attachments			
Disable Expressions Formats Reset			
Catalog Configure Pop-ups			

Assemble elements into a grid-like formation

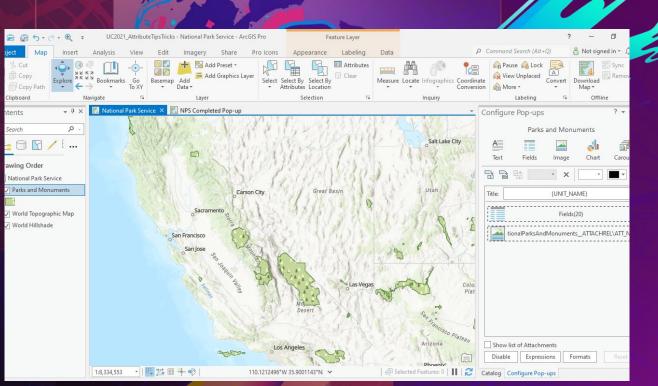
- Split horizontally Two side-by-side elements
- Split vertically Two stacked elements
- Horizontal arrangement

Configure	Pop-ups ? 👻 म 🗙			
	Parks and Monuments			
A				
Text	Fields Image Chart Carousel			
7 7				
Title:	{UNIT_NAME}			
1e	nts ints ints ints ints ints			
	Chart Chart			
	Chart			
	Fields(20)			
Show list of Attachments				
Disable	Expressions Formats Reset			
Catalog Configure Pop-ups				

Assemble elements into a grid-like formation

- Split horizontally Two side-by-side elements
- Split vertically Two stacked elements
- Horizontal arrangement
- Rotate left 90°

Configure	Pop-ups	? - ∓ ×	
	Parks and Monume	nts	
A Text	Fields Image	ohart Carousel	
	1	•	
Title:	{UNIT_NAME Click to edit ti	he title for the pop-up.	
📥 un	nents_/	uments_/	
	Chart	Chart	
	Chart	Chan	
	Fields(20)		
Show list of Attachments			
Disable	Expressions Forma	ts Reset	
Catalog Co	nfigure Pop-ups		



Demo: Pop-up Customization

Jill Scholz

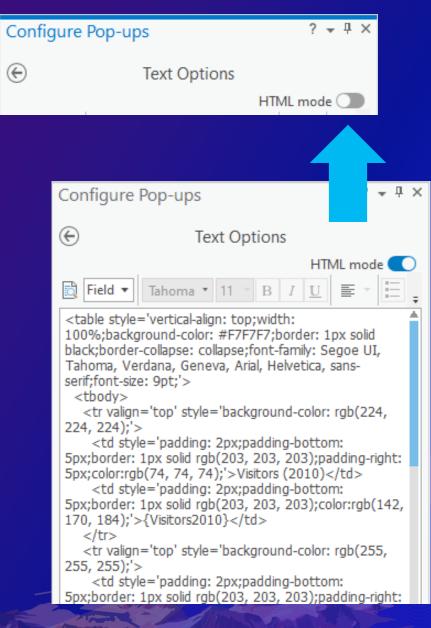
Attributes in a pop-up: HTML mode availability

HTML mode is available for all elements

- Image and Charts Titles and captions
- Fields Converted to pre-populated Text element

Configure Pop-ups ? 👻 🕀 🔅					
	Image Options				
Field ▼ Title	HTML mode Tahoma 9 B I U E				
Caption	<div>align:Center;">Text</div>				

Configu	re Pop-ups ? 👻 म 🗙						
©	Chart Options						
	HTML mode 🤍						
Туре	🔟 🖄 🐑 🗮						
Field 🔻	Tahoma \bullet 9 \bullet B I U $\equiv \bullet$ Ξ_{\pm}						
Title	<div>Chart</div>						
Caption	<pre>div>align:Center;">Text<!--<br-->p></pre>						



Attributes in a pop-up: The final pop-up

- 🗆 × Pop-up Parks and Monuments - Grand Canyon National Park **Region: Intermountain** Park name: State: Arizona Official NPS Logo Grand Canyon **National Park** NATIONAL PARK Park type: SERVICE National Park Date established: February 1919 Image from NPS website Park information: Located in Arizona, Grand Canyon National Park encompasses 277 miles (446 km) of the Colorado River and adjacent uplands. The park is home to much of the immense Grand Canyon; a mile (1.6 km) deep, and up to 18 miles (29 km) wide. Layered bands of colorful rock reveal millions of years of geologic history. Grand Canyon is unmatched in the incomparable vistas it offers visitors from the rim. Annual Park Visitors Visitors (2010) 4,388,386 Visitors (2011) 4,298,178 6000000 Visitors (2012) 4.421.352 5000000 4000000 Visitors (2013) 4,564,840 3000000 Visitors (2014) 4,756,771 1000000 5,520,736 Visitors (2015) 0 Visitors (2016) 5,969,811 v v v v v v v v v Visitors (2017) 6.254.238 Total number of visitors reported by NPS Visitors (2018) 6,380,495

112.6837016°W 36.1727754°N

Additional changes: Color coding Font size changes Two lined Image title

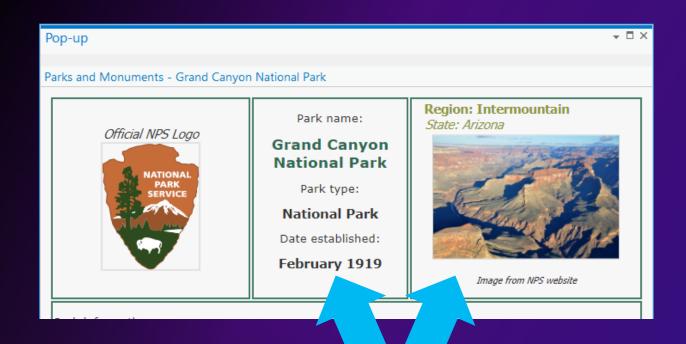
🚔 🗹 🔅 🔾

Attributes in a pop-up: The final pop-up

Pop-up	- □ ×						
Parks and M	Aonuments - Grand Canyon National Park						
OBJECTID	98						
UNIT_NAM	IE Grand Canyon National Park						
UNIT_TYPE	-						
STATENAN	E Arizona						
REGIONNA	IME Intermountain						
Date Established	2/26/1919						
Visitors (20	18) 6380495						
URL Handl	e grca						
Image URL	https://www.flickr.com/photos/grand_canyon_nps/5476545063/						
Visitors (20	10) 4388386						
Visitors (20	11) 4298178						
Visitors (20	12) 4421352						
Visitors (20	4564840						
Visitors (20	14) 4756771						
Visitors (20	15) 5520736						
Visitors (20	16) 5969811						
Visitors (20	17) 6254238						
Informatio	In Located in Arizona, Grand Canyon National Park encompasses 277 miles (446 km) of the Colorado River and adjacent uplands. The park is home to much of the immense Grand Canyon; a mile (1.6 km) deep, and up to 18 miles (29 km) wide. Layered bands of colorful rock reveal millions of years of geologic history. Grand Canyon is unmatched in the incomparable vistas it offers visitors from the rim.						
Shape_Len	gth 2135273.487175						
Shape_Are	a 7487847409.618601						
	ndCanyon.jpg						
4 1 of 1 ▶	112.6837016°W 36.1727754°N 🖶 🗹 🔅 🔍						

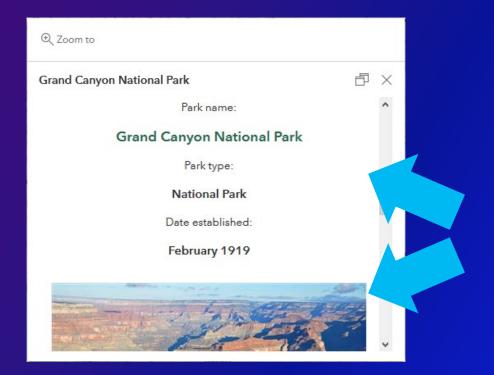
Reminder: Here is what the original pop-up looked like.

Attributes in a pop-up: When publishing

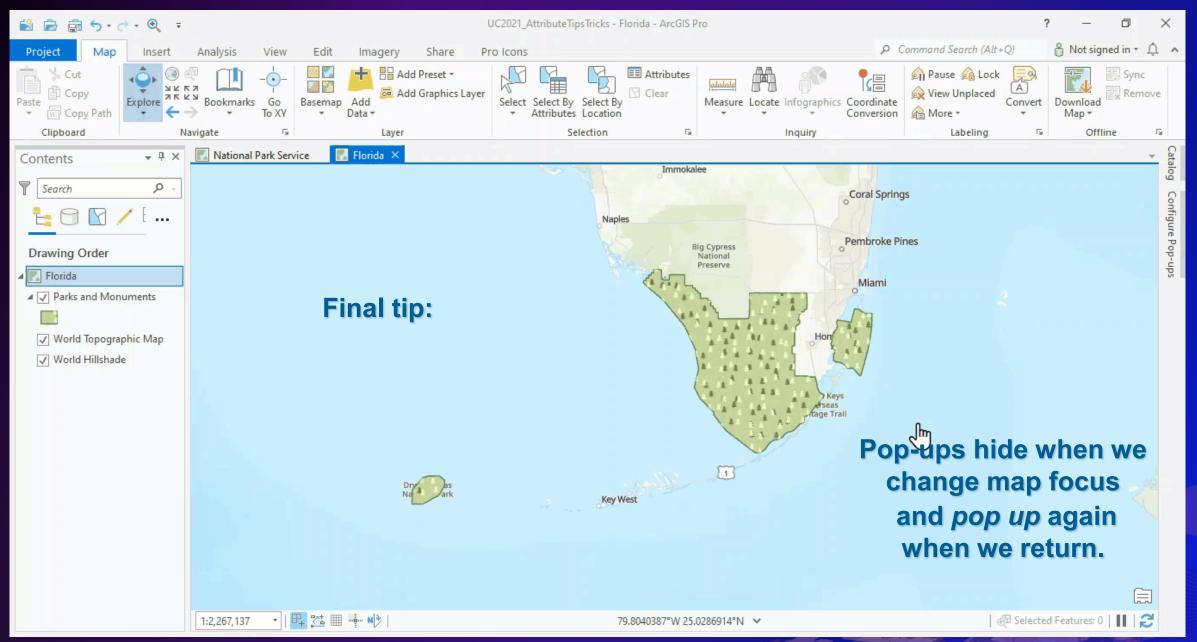


Not all items are currently supported online

- Grid will be condensed into single column
- Unsupported numeric/date formatting lost
- Images sourced from local URLs removed



Attributes in a pop-up: Focus changes



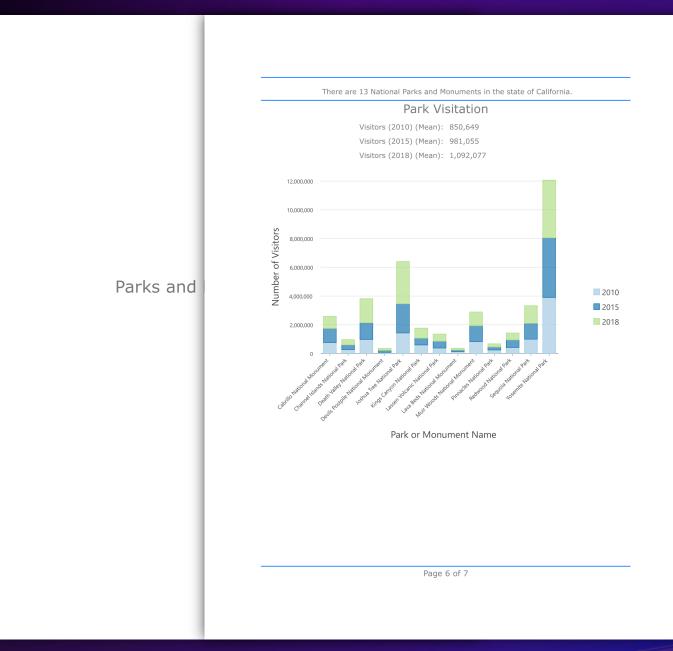
Attributes in a Report

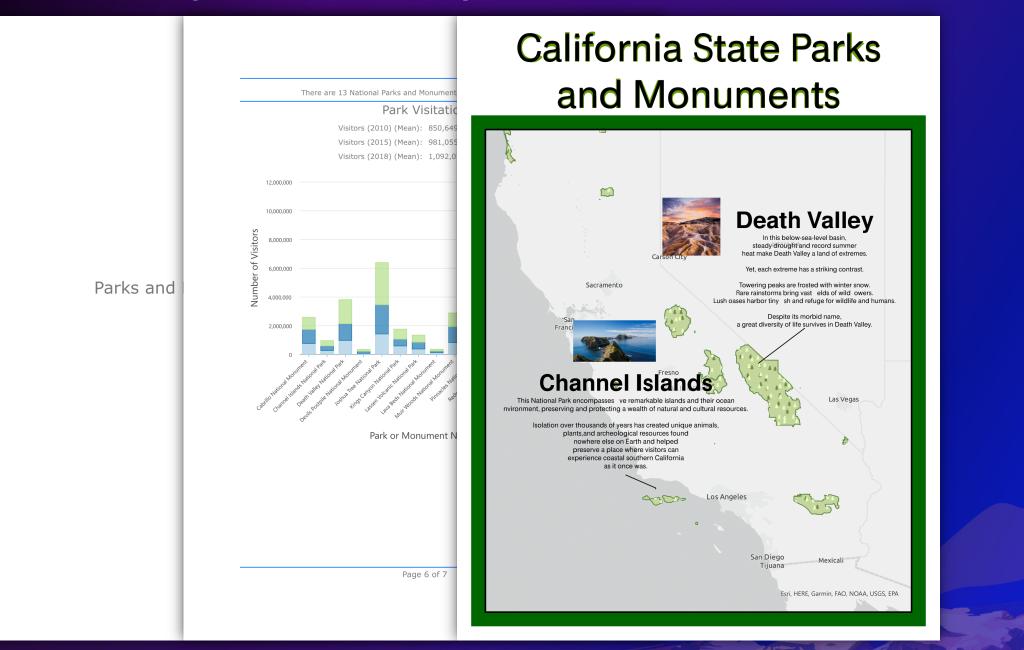
Alycia Rajendran

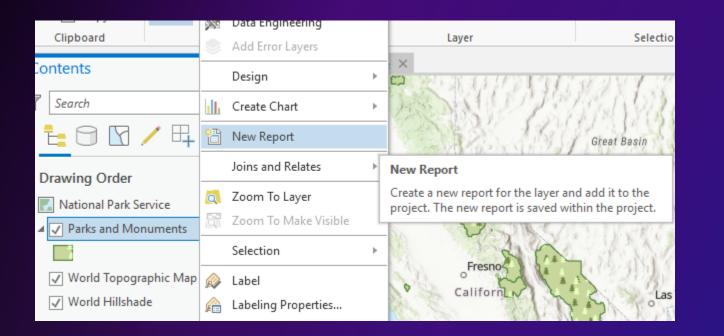
Parks and Monuments Report

Parks and Monuments Report

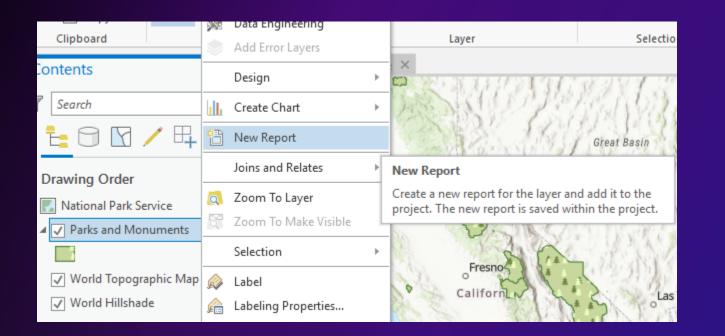
Well-formatted, multipage representation of your data

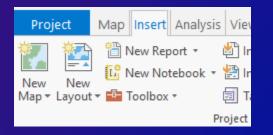






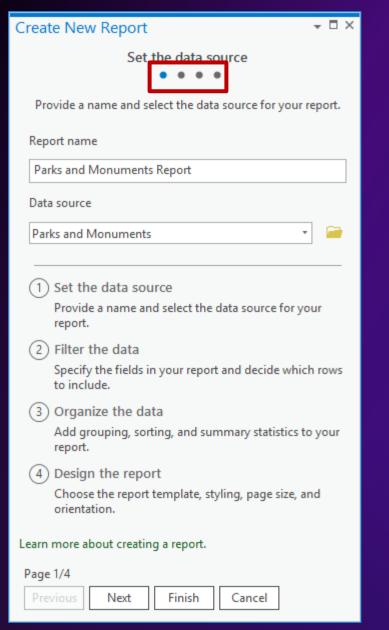
Create a new report from a map layer





Create a new report from the Insert tab on the ribbon

Create a new report from a map layer



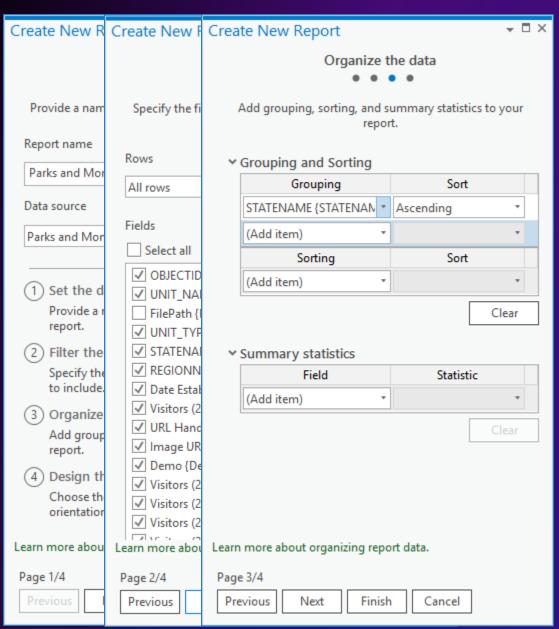
Set the report name and data source on the first page.

Tip: Click the navigation dots at the top of the pane to go to any page

Create New R	Create New Report								
	Filter the data								
Provide a nam	Specify the fields in your report and decide which rows to include.								
Report name	Rows								
Parks and Mor	All rows								
Data source	/								
Parks and Mor	Fields Select all								
 Set the d Provide a r report. Filter the Specify the to include. Organize 	 ✓ ONT_NAME (ONT_NAME) ☐ FilePath {FilePath} ✓ UNIT_TYPE {UNIT_TYPE} ✓ STATENAME {STATENAME} 								
Add group report. (4) Design th Choose th orientation	 ✓ Image URL {ImageLink} ✓ Demo {Demo} ✓ Visitors (2010) {Visitors2010} ✓ Visitors (2011) {Visitors2011} ✓ Visitors (2012) {Visitors2012} 	Ŧ							
Learn more abou	j								
Page 1/4 Previous	Page 2/4 Previous Next Finish Cancel								
rievious	Previous INext Finish Cancel								

Define rows and fields included in your report

Note: The fields list honors visibility



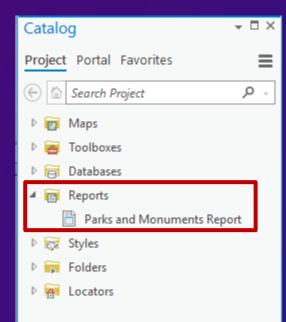


Note: Grouping allows you to aggregate your data based on a unique value. In this case, grouping by the field "STATENAME" will create a report that first lists "Alaska" and then Alaska's cities before moving to "Arizona"

Create New R	Create New F	Create New R	Create New Report 🔹 🗖													
			Design the report													
Provide a nam	Specify the fi	Add groupii	Choose the report template, styling, page size, and orientation.													
Report name	Rows	✓ Grouping	Display													
Parks and Mor	All rows	Giouping														
Data source	1.110113	STATENAN														
Parks and Mon	Fields	(Add item)	Styling Black and White *													
	Select all	9	Page setup													
1 Set the d		(Add item)	Page units Inch 🔹													
Provide a r report.	☐ FilePath { ✓ UNIT_TYP		Page size Letter 8.5" x 11"													
2 Filter the	✓ STATENA	✓ Summary	Width 8.5 in 🖨													
Specify the to include.	✓ Date Estal	(Add item)														
3 Organize	Visitors (2	L														
Add group report.	✓ URL Hand ✓ Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR	✓ Image UR	🗸 Image UR	🗸 Image UR	🗸 Image UR		Orientation Portrait Landscape
(4) Design th	✓ Demo {De ✓ Visitors (2		Portrait													
Choose the orientation	✓ Visitors (2		Margins Normal •													
1	Visitors (2		Top 1 in 🌲													
Learn more abour	20011111012000															
Page 1/4	Page 2/4	Page 3/4	Page 4/4													
Previous	Previous	Previous	Previous Next Finish Cancel													

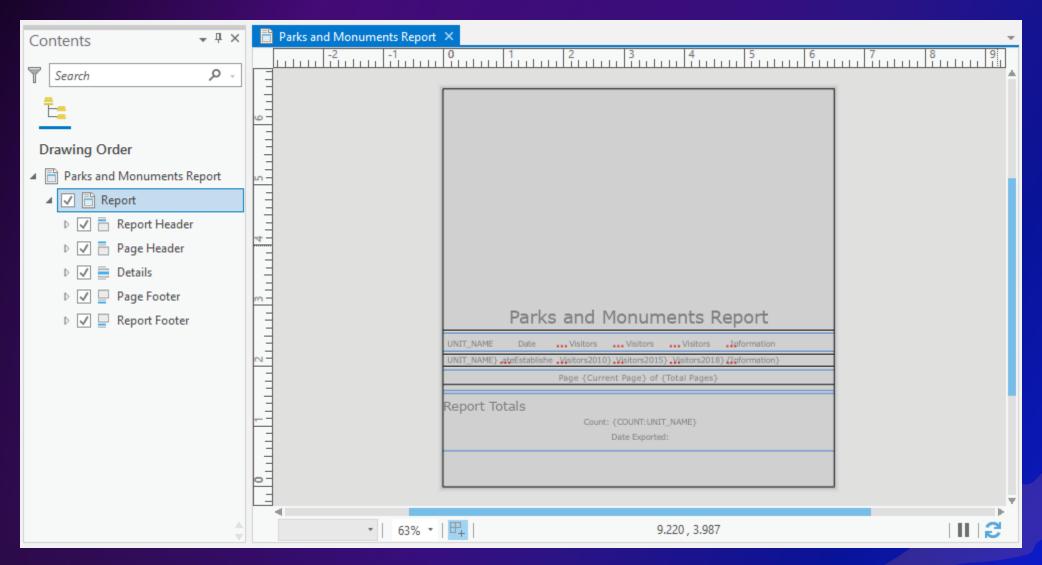
Define the look of your report using templates and styling

Tip: Hover over template and styling options to get more information.



A report is a project item

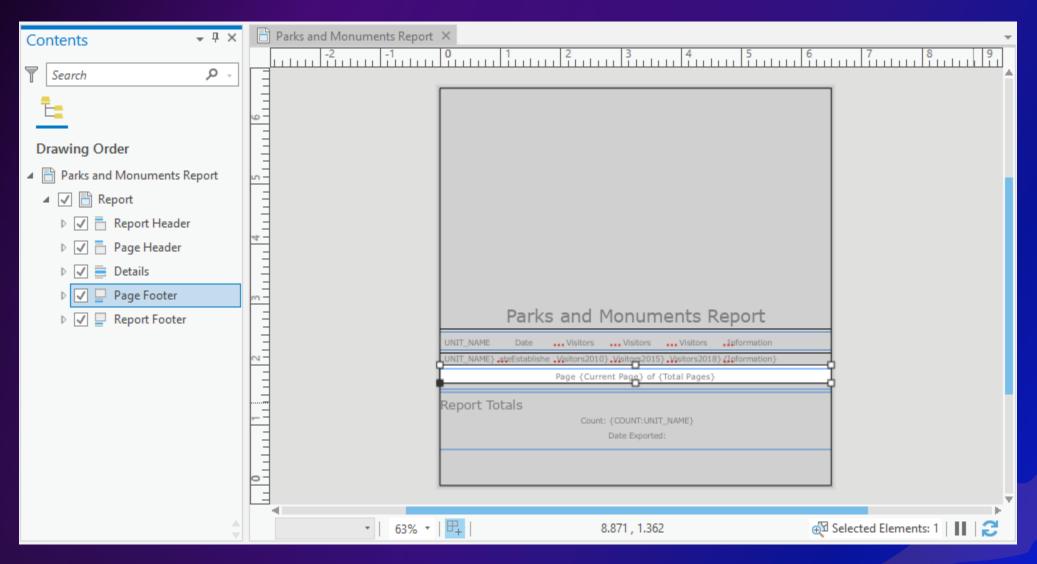
A Reports folder will contain all of the reports in your project.



The report view does not represent a page, it is a design space

Contents 👻 🖣 🗙	Parks and Monuments Report ×	
Search P -		h.
Ē.		
Drawing Order		
Parks and Monuments Report		
▲ ✓		
🖻 🔽 🛅 Report Header		
🖻 🔽 🛅 Page Header		
🖻 🔽 🧮 Details		
🖻 🔽 📮 Page Footer	<u>m – </u>	
🖻 🗹 📮 Report Footer	Parks and Monuments Report	
	UNIT_NAME Date Visitors Visitors Visitors Visitors	
	UNIT_NAME}_atcEstablishe_Visitors2010}_Visitors2015}_Visitors2018} {Ipformation} Page {Current Page} of {Total Pages}	
	Count: {COUNT: UNIT_NAME}	
	Date Exported:	
Ç		

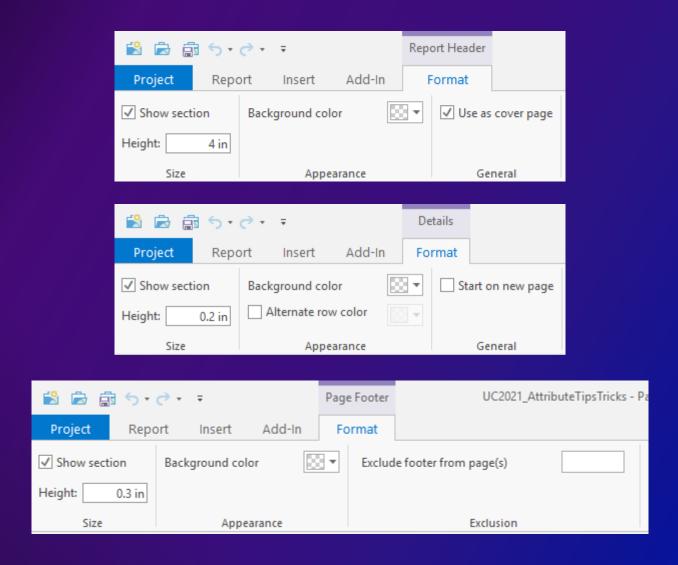
Headers appear at the beginning of the report



Footers appear at the end of the report

Contents 👻 🖣 🗙	Parks and Monuments Report ×	
Search P -		
Ē		
Drawing Order		
Drawing Order		
Parks and Monuments Report		
🔺 🗹 🛅 Report		
🖻 🔽 🛅 Report Header		
🖻 🗹 📄 Page Header		
🖻 🗹 🚍 Details		
Þ 🗹 📄 Page Footer		
🛛 🔽 📮 Report Footer	Parks and Monuments Report	
	UNIT_NAME Date Visitors Visitors Visitors Information	
	UNIT_NAME}_ateEstablishe _Visitors2010)_Visitors2018) {Information}	
	Page {Current Page} of {Total Pages}	
	Report Totals	
	Count: {COUNT:UNIT_NAME} Date Exported:	
		-
	◆ 63% • 🕂 8.440 , 2.608 ⊕ Selected Elements: 1 🔢 🗲	

The details section is where your tabular data is listed



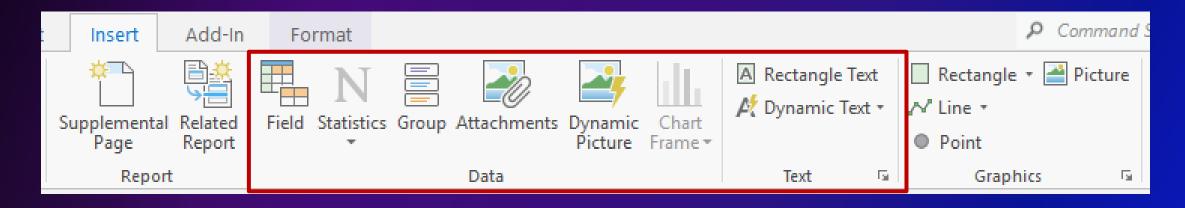
Every section has a contextual tab with options

Attributes in the Report: Report properties

Report Document Properties							
General Detadata	Name	Parks and Monuments Repor	t				
Metadata Page Setup Color Management							
			OK Cancel				

Report Document properties dialog

Attributes in the Report: Editing report elements



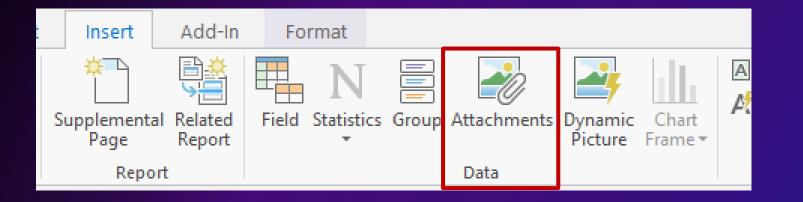
Add dynamic elements from the Insert tab

Note: The options are contextual and depend on the current active section. The hover tooltips will provide more information when the buttons are disabled.

Layer Properties: Parks a	and Monuments		>					
General		Set Data Source						
Metadata	✓ Data Source		Set Data Source					
Source	Data Type	File Geodatabase Feature Cl	ass					
Elevation	Database	C:\Users\alyc8908\Document	ts\ArcGIS\Packages\Atl					
Selection	Name	NationalParksAndMonumen	ts 💿					
Display	Alias	NationalParksAndMonumen	ts					
Cache	Feature Type	Simple Polygon						
Definition Query	Geometry Type							
Time	Coordinates have Z value	No						
Range	Coordinates have M value	No						
Indexes	Attachments	Contains Attachments						
Joins	Feature Binning	Disabled						
Relates	Split Model	Update/Insert						
Page Query	Vertical Units	Meter						
			OK Cancel					

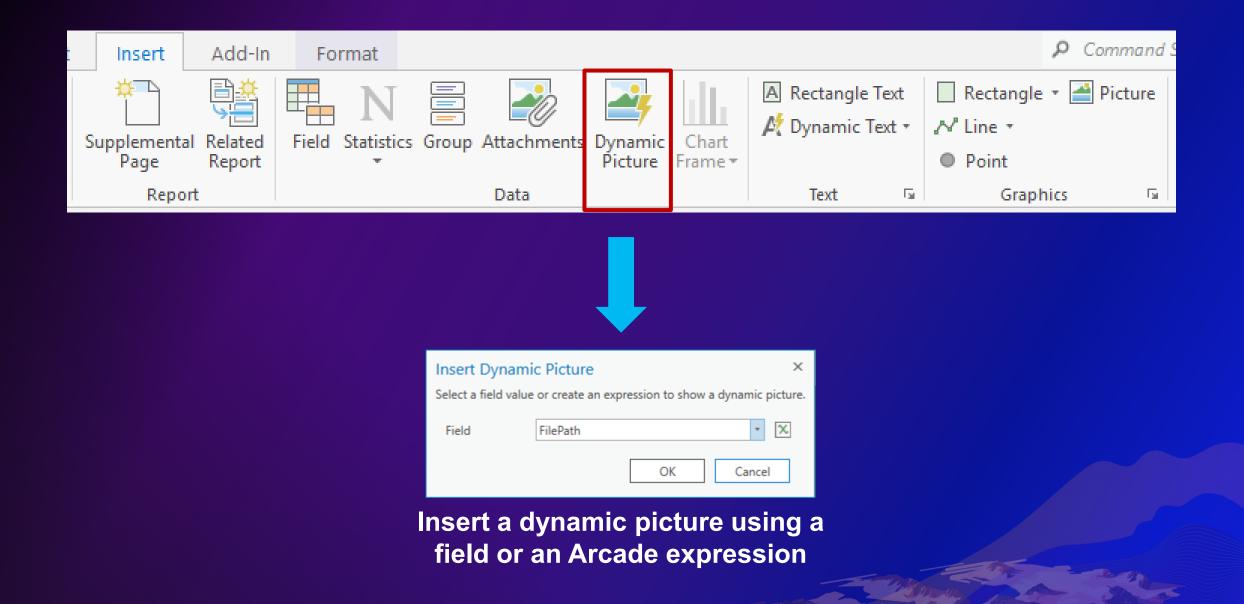
- 🗆 X Pop-up Parks and Monuments (4) Canyonlands National Park Capitol Reef National Park Colorado National Monument Arches National Park Parks and Monuments - Canyonlands National Park Image URL https://www.nps.gov/media/photo/gallery-item.htm/pg=604/465&id=5A6/8E4C-155D-451F-67D07013D9C51778&gid=5AB4426C-155D-451F-670E2F4BB408AFDD Visitors (2010) 435908 Visitors (2011) 473773 Visitors (2012) 452952 Visitors (2013) 462242 Visitors (2014) 542431 Visitors (2015) 634607 Visitors (2016) 776218 Visitors (2017) 742271 Canyonlands invites you to explore a wilderness of countless canyons and fantastically formed buttes Information carved by the Colorado River and its tributaries. Rivers divide the park into four districts: Island in the Sky, The Needles, The Maze, and the rivers themselves. These areas share a primitive desert atmosphere, but each offers different opportunities for sightseeing and adventure. Shape_Length 353937.358778 2196490657.193834 Shape Area 028_Canyonlands.jpg 음 🖸 🔅 🔾 1 of 4 09.8801/34°W 38.2455637

Attachments for Canyonlands National Park



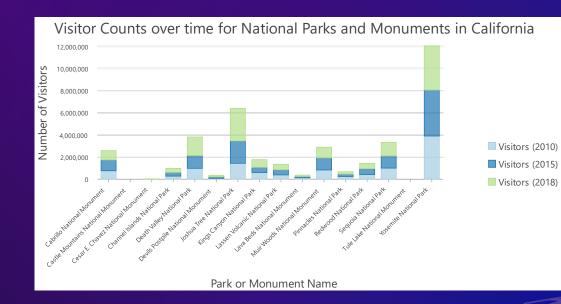
Use the Format Attachment Frame pane to define properties for your attachments

Format Attachment Frame										
Attac	hment Frame									
Attachment Frame 👻										
Placement										
Y Grid										
Number of rows	1 🛟									
Number of columns	1 🛟									
Attachment direction	Z									
✓ Attachment frame size	ze									
Width	0.1688 in 🜲									
Height	0.1786 in 🜲									
✓ Image size										
Width	0.1688 in 🌲									
Height	0.1786 in 🌲									
Column space	0 in 🜲									
Row space	0 in 🜲									
✓ Position										
Х:	5.7494 in 🗘 📕 🖬									
Y:	2 in 🗘 🗖 🗖									



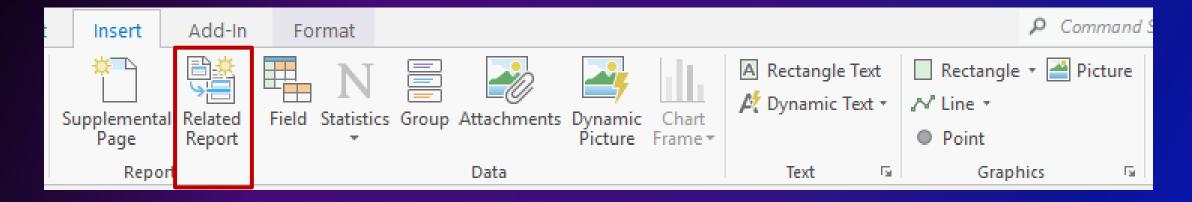
Insert	Add-In		Format								ر	Command	Search (Alt+Q)	👸 Not	signed in 🔹 🖞	Ç
p rout ≠ Co	onnections A	Add older	Supplemental Page	Related Report	Field S	N Statistics	Group	Attachments	Dynamic Picture	Chart Frame ▼		ctangle Text mamic Text *	Rectangle •	icture 🎽	🤣 Add → 🖗 New → 竣 Import	
			Repor	t				Data	•	All▼						F
s and Monuments Report 🗙 🔛 National Park Service							Parks a	nd Monu	uments				5			
-2 -1 0 1 2 3 4 5 6 Image: Construction of the second s								.:	:							

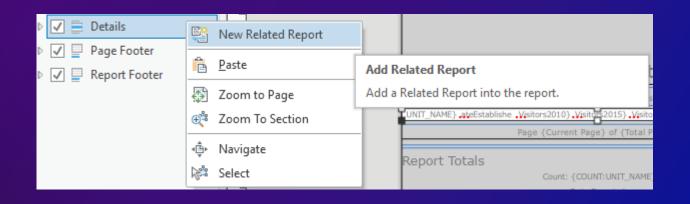
Insert charts into report and group header or footers



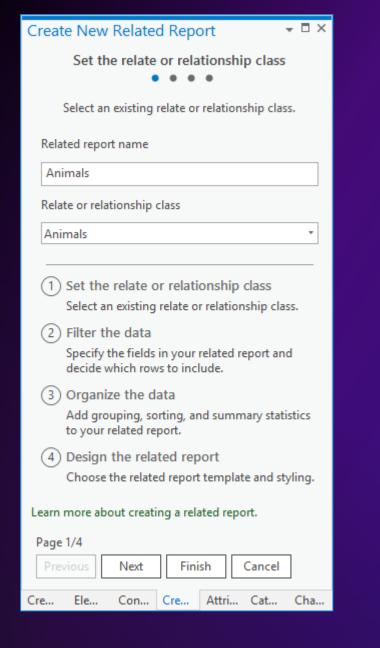
Note: The chart must already exist for the layer

Attributes in the Report: Related reports





Note: The report data source must be the input or origin table in the relate or relationship



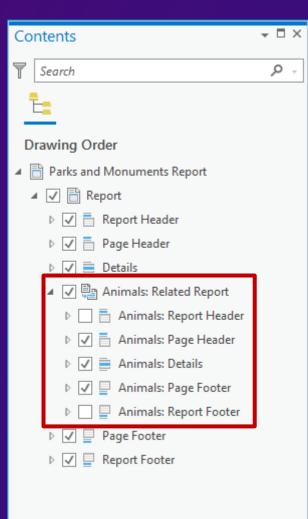
Select the relate or relationship class and set the related report name

Create New R	Create New F	Create New Related Report
Set the		Organize the data
Select an ex		Add grouping, sorting, and summary statistics to your related report.
Related report r	Rows	✓ Grouping and Sorting
Animals	All rows	Grouping Sort
Relate or relatio		(Add item) T
Animals	Fields	Sorting Sort
	✓ Select all	(Add item)
1 Set the re		
Select an e	UNIT_NAM	Clear
2 Filter the		
Specify the decide whi		✓ Summary statistics Field Statistic
(3) Organize		(Add item)
Add group		
to your rela		Clear
(4) Design th Choose the		
Learn more abou	Learn more abou	Learn more about organizing report data.
Page 1/4	Page 2/4	Page 3/4
Previous	Previous	Previous Next Finish Cancel
Cre Ele (Cre Ele	Cre Ele Con Cre Attri Cat Cha

Page 2 and 3 are the same as the Create New Report pane

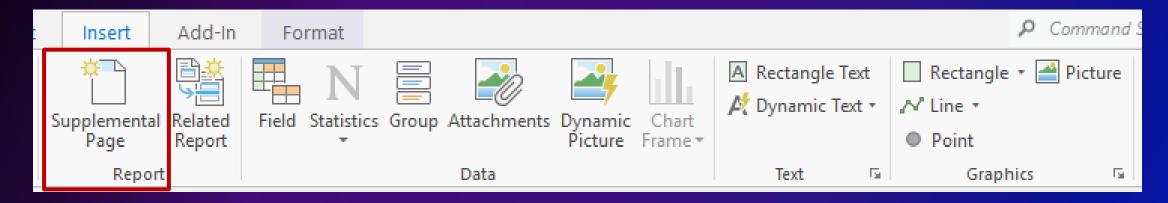
Create New R	Create New F	Create New	Create New Related Report		
Set the			Design the related report		
Select an ex	Specify the fie	Add groupi	Choose the related report template and styling.		
Related report r Animals Relate or relatio	Rows All rows	❤ Grouping	Display Template Attribute List		
Animals (1) Set the re Select an e	Fields Fields Gelect all OBJECTID HINIT NAM		Styling Black and White *		
 2 Filter the Specify the decide whi 3 Organize Add group to your relation 		✓ Summar (Add iter			
(4) Design th Choose the					
Learn more abou	Learn more abou	Learn more abo	Learn more about designing a report.		
Page 1/4 Previous	Page 2/4 Previous	Page 3/4 Previous	Page 4/4 Previous Next Finish Cancel		
Cre Ele (Cre Ele	Cre Ele	Cre Ele Con Cre Attri Cat Cha		

Set the related report template and styling

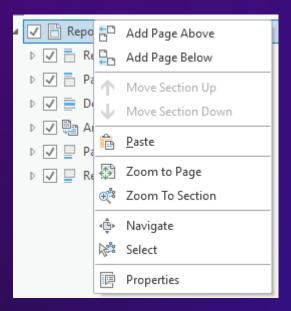


A related report in the Contents pane

Attributes in the Report: Supplemental pages



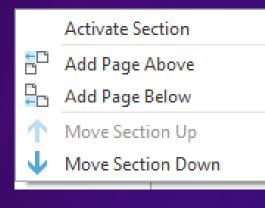
From the Insert tab, the page will be added to the end of the report



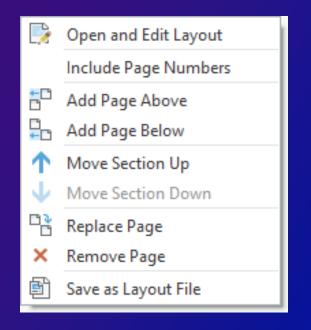
Use the Contents pane context menus to insert a page to a specific location

Contents	+ 4 ×	Parks and Monuments Report ×
Search	. م	Parks and Monuments Report
Drawing Order		Report Source: National Park Service: Parks and Monuments Rows: All rows Page size: 8.5 in x 11 in
 Report Report Header Page Header Page Header Page Header Page Footer Page Footer Report Footer 		Supplemental Page Source: CA Parks and Monuments Description: Page size: 8.5 in x 11 in Include Page Numbers: No
√ 💽 Supplemental Page		

With the top node selected, the Report Document view displays information and metadata for the report and any supplemental pages

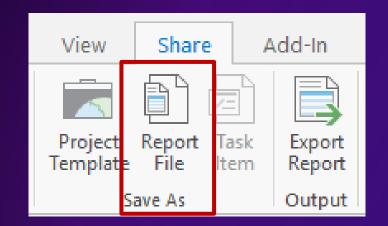


Report context menu

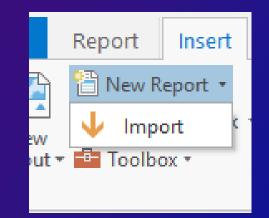


Supplemental page context menu

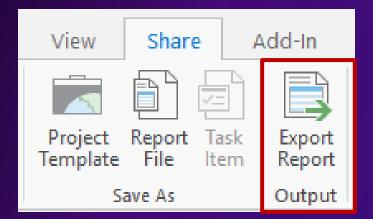
Report Document view context menus for both the report and supplemental page sections



Save the report definition to file (similar to .mapx or .pagx)



Report files can be imported from the Insert tab



Export a report to PDF

Export Report	? → □ ×	
Parks and Monuments Repo	ort	
Properties Security Page Settings		
✓ File File Type		
PDF •		
Name	-	
C:\Temp\Parks and Monuments Report.p	df 🔄 🚘	
Compression		
Resolution		
> Fonts		
PDF Settings		
Color Management		
	Export	
Export Poport	200	-
Export Report p	Jane	

	Export Report Parks and Monuments R Properties Security Page Setting	-	
Page Range	 ✓ Page Range Options ● All ● Last page Odd pages only ● Even pages only ● Pages 		Tip: Use custom page
Custom Page	Custom page numbering Starting page number begins at: Total page number:		numbering to stitch multiple reports together using arcpy
		Export	
	Page Settings	tab	E Change and a company

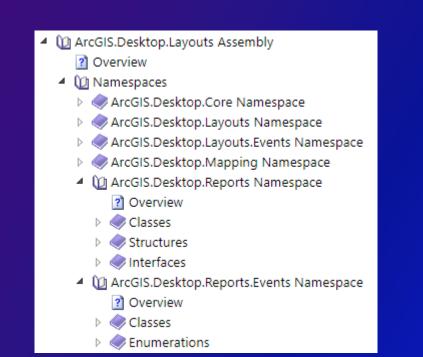
	Geoprocessing 🚽 🗖 🗙
	Parameters Environments (?)
Export a report or	* Input Report
a report file	* PDF File
	✓ Data Definition Expression
Set an expression	There is no expression defined. + New expression •
	> Export Options
Page Range Options	 ▶ Page Range Options Page Range Type All pages Initial Page Number Final Page Number
	▶ Run ▼

Export Report to PDF GP tool

Method Overview

Method	Explanation
exportToPDF (out_pdf, {page_range_type}, {page_range}, {starting_page_number}, {total_page_number}, {resolution}, {image_quality}, {compress_vector_graphics}, {image_compression}, {embed_fonts}, {jpeg_compression_quality})	Exports a report to a Portable Document Format (PDF) file.
setReferenceDataSource (data_source)	Sets a report's reference data source.

arcpy (export existing reports)



.NET SDK (authoring and exporting reports)

Automation options

Kings Canyon National Park 3/4/1940

598,205 468,106

6 699,023

This dramatic landscape testifies to nature's size, beauty, and diversity—huge mountains, rugged foothills, deep canyons, vast caverns, and the world's largest trees. The parks lie side by side in the southern Sierra Nevada east of the San Joaquin Valley. Weather varies a lot by season and elevation, which ranges from 1,370' to 14,494'.

Lassen Volcanic National 8/9/1916 384,570 Park 468,092 499,435

Lassen Volcanic National Park is home to steaming fumaroles, meadows freckled with wildflowers, clear mountain lakes, and numerous volcanoes. Jagged peaks tell the story of its eruptive past while hot water continues to shape the land.

Lava Beds National 11/21/1925 130,765 1 Monument

108,687

127,771

Authoring and Sharing a Report in Pro Alycia Rajendran

ArcGIS Pro: Tips and Tricks for Exploring Your Attributes

Today we discussed our favorite tips and tricks for working with attributes in:

Tables **Pop-ups** Reports and UC2021 AttributeTipsTricks - ArcGIS Pro \times Date Name Visitors (2010) Visitors (2015) Visitors (2018) Established 10/31/1994 1,434,976 2,025,756 2,942,382 Joshua Tree National Park Parks and Monuments × Pop-up Field: 📰 Add 📰 Calculate 🛛 Selection: 🖫 Select By Attributes 💮 Parks and Monuments - Grand Canyon National Park Two distinct desert ecosystems, the Mojave and the Colorado, come together in Joshua Tree National Park. A fascinating variety of OBJECTID * Shape * UNIT NAME UNIT_TYPE Region: Intermountai plants and animals make their homes in a land sculpted by strong Park name: State: Arizona winds and occasional torrents of rain. Dark night skies, a rich Polygon Little Bighorn Battlefi... National Monumen Official NPS Logo cultural history, and surreal geologic features add to the wonder o Grand Canyon this vast wilderness in southern California. Come explore for National Monumen 2 Polygon Capulin Volcano Nati... National Park Park type: Polygon 3 Gila Cliff Dwellings N... National Monumen National Park Polygon Tuzigoot National M... National Monumen 598,205 468,106 699,023 3/4/1940 Kings Canyon National Park Date established: 5 Polygon Castillo de San Marco... National Monumen February 1919 This dramatic landscape testifies to nature's size, beauty, and Image from NPS web. Timpanogos Cave Na... National Monumen Polygon diversity—huge mountains, rugged foothills, deep canyons, vast caverns, and the world's largest trees. The parks lie side by side in National Monumen Polygon Tonto National Monu... Park information: the southern Sierra Nevada east of the San Joaquin Valley. Weather varies a lot by season and elevation, which ranges from 1,370' to Buck Island Reef Nati... National Monumen _ocated in Arizona, Grand Canyon National Park encompasses 277 miles (446 km) of th€ Polygon 14,494' River and adjacent uplands. The park is home to much of the immense Grand Canvon: a km) deep, and up to 18 miles (29 km) wide. Layered bands of colorful rock reveal millio Polygon | Sunset Crater Volcan... National Monumen of geologic history. Grand Canyon is unmatched in the incomparable vistas it offers visite m. 10 Pipe Spring National... National Monumen 10 Polygon 8/9/1916 384,570 468,092 499,435 Lassen Volcanic National El Morro National Mo... Annual Park Visitors Visitors (2010) 11 11 National Monumen Polygon Park Visitors (2011) 600000 12 12 Polygon Castle Clinton Nation... National Monumen 5000000 Visitors (2012) Lassen Volcanic National Park is home to steaming fumaroles, 4000000 meadows freckled with wildflowers, clear mountain lakes, and Visitors (2013) 13 13 Polygon Fossil Butte National. National Monumen 3000000 numerous volcanoes. Jagged peaks tell the story of its eruptive Visitors (2014) past while hot water continues to shape the land. Polygon Hovenweep National... National Monumen 14 14 Visitors (2015) Visitors (2016) V V V V V V 0 of 146 selected Filte Visitors (2017) Total number of visitors reported by NPS Visitors (2018) 11/21/1925 130,765 108,687 127,771 Lava Beds National 112.6837016°W 36.1727754°N Monument Lava Beds National Monument is a land of turmoil, both geological

We want your feedback

Click on the Session Survey link below this video window



Copyright © 2021 Esri. All rights reserved.