

# DEEPER DIVE ON WEB SERVICES

JUNE 3, 2022

#### TWO TYPES OF SERVICES

	ATTAINS Web Services	ATTAINS Geospatial Service
Data Model	Hierarchical Non-Spatial Data	GIS Data with Flattened Attribute Tables and Flattened Non-Spatial Tables
Information Type	Detailed information on parameters and uses	Information by parameter and use groups
Available Snapshots	Org Public Comment and Later	Org Final and Later
Refresh Frequency	Instantaneous Upon Promotion	Approximately Monthly
Scale	State and Tribe	National

Think through the questions that you're asking and how the services get you there

#### DEMO

#### ATTAINS Web Services

- Viewing in Excel-Dwane
- •WQ-27 Actions by state tool-Jesse
- Using loops for national information-Dwane

#### DEMO

### ATTAINS Geospatial Service

- Viewing in Excel-Dwane
- •Using it in ArcGIS Pro-Jesse
- Creating custom maps in ArcGIS Online-Jesse

## QUESTIONS?