Exhibit Name: Annual Geo Data **Exhibit Number: P107** **Record Name:** **Record Code:**		**Reinsurance Year:** 2025 **Version:** Approved **Release Date:** 6/27/2024

The purpose of this annual memo is to provide Approved Insurance Providers (AIP) with a list of geospatial data sources, their locations, and a brief description of the layer for use in RY 2025, starting July 1st, 2024. The geospatial information identified within this guide are considered authoritative and are to be used as the primary source of data for any agency geospatial work activities, including layer maintenance, geospatial publications (including paper and digital maps), web applications, and geospatial analysis.

Data sources available on the AIP Hosted FTP Server are limited to authorized users covered under the Standard Reinsurance Agreement and each AIP's Plan of Operation.

DATA LAYER(S)	LOCATION	CONTENTS
2023 Census Bureau State Boundary	https://www2.census.gov/geo/tiger/TIGER2023/STATE/tl_2023_us_state.zip	**Data Description:** The Census State Boundary represents a seamless national state file with no overlaps or gaps between parts. State Boundaries are derived from the 2022 Census Bureau County Boundary layer **Date of data source used:** November 22nd, 2023 **Projection:** Census Bureau hosts it in NAD83, RMA uses it in US Contiguous Albers Equal Area Conic Projection
2023 Census Bureau County Boundary	https://www2.census.gov/geo/tiger/TIGER2023/COUNTY/tl_2023_us_county.zip	**Data Description:** The Census County Boundary layer represents a seamless national county (or equivalent) file with no overlaps or gaps between parts. **Date of data source used:** November 22nd, 2023 **Projection:** Census Bureau hosts it in NAD83, RMA uses it in US Contiguous Albers Equal Area Conic Projection
2024 Bureau of Land Management - Public Land Survey System (PLSS)	AIP Hosted FTP Server	**Data Description:** Includes both rectangular and non-rectangular surveys. The primary source for the data is cadastral survey records housed by the BLM supplemented with local records and geographic control coordinates from states, counties as well as other federal agencies such as the USGS and USFS. **Date of data source used:** March 1st, 2024 **Projection:** US Contiguous Albers Equal Area Conic Projection
Rainfall Index	Grid Locator – https://public-rma.fpac.usda.gov/apps/PRF RMA Public FTP – https://pubfs-rma.fpac.usda.gov/pub/Miscellaneous_Files/VI_RI_Data/rainfall_index_grids.zip	**Data Description:** The Rainfall Index (RI) Grid determines the insurance offer available for land within each Grid ID. Grid ID's are 0.25 latitude x 0.25 longitude (approximately 17 x 17 miles at the equator) and does not follow county, state, or U.S. borders. **Projection:** US Contiguous Albers Equal Area Conic Projection
Actuarial Maps	RMA Public FTP – https://pubfs-rma.fpac.usda.gov/pub/MAPS/index.html	**Data Description:** Publicly available Actuarial maps that display areas of non-standard insurance offers. **Projection:** NAD 1983 UTM Zones
FCIXREF	AIP Hosted FTP Server	**Data Description:** Process of checking if CLUs are completely within or partially within an Actuarial map area. Updates are dynamic, occurring after the 6/30 & 11/30 map filings and when needed throughout the year. **Projection:** NA - tabular data
Common Land Unit (CLU)	AIP Hosted FTP Server	**Data Description:** CLU is the smallest unit of land that has a: permanent, contiguous boundary; common land cover and land management; common owner; and common producer association. Release Schedule: February, April, June, July, August, September, October, and December * subject to change after AIP review **Projection:** WGS 1984
Unit Division by Grid Option (UDGO)	RMA Public FTP – https://pubfs-rma.fpac.usda.gov/pub/MAPS/UDGO/index.html	**Data Description:** A pilot program in Georgia, Maine, and Texas, land is not surveyed under the U.S. Public Land Survey System, which is the basis for optional units (OUs) by sections in many parts of the United States. UDGO uses a grid system developed by RMA, based on the United States National Grid (USNG), by dividing each approximately 6.2-mile by 6.2-mile USNG polygon into 36 roughly equal sized polygons approximately 686 acres in size. **Projection:** NAD 1983 UTM Zones
Imagery	ArcGIS Server – https://gis.apfo.usda.gov/arcgis/rest/services/	**Data Description:** NAIP acquires aerial imagery during the agricultural growing seasons in the continental U.S. NAIP is administered by the USDA's Farm Service Agency. This "leaf-on" imagery is used as a base layer and is used to maintain the Common Land Unit (CLU) boundaries. 60cm to 1m resolution **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)
RMA MapViewer	https://public-rma.fpac.usda.gov/apps/MapViewer/index.html	
Endorsement Plan Availability Map Tab (Previously SCO/STAX Map Tab)		**Data Description:** Provides information on program availability as well as production area definitions for the Supplemental Coverage Option (SCO), Stacked Income Protection Plan (STAX), Margin Protection (MP), Post Application Coverage (PACE), Hurricane Insurance Protection - Wind Index (HIP-WI), and Enhanced Coverage Option (ECO) **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)
APH Yield Exclusion Map Tab		**Data Description:** The Actual Production History (APH) Yield Exclusion (YE) maps illustrate the occurrence of yield exclusions by crop, irrigation practice, and location. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)

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Commodity Programs Map Tab		**Data Description:** The national map shows insurance program availability for the selected commodity and year. The county level map shows all insurance plans available for the selected county, commodity, and year. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)
Livestock Programs Map Tab		**Data Description:** The map shows insurance program availability for the selected livestock program and year. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)
Dates Program Map Tab		**Data Description:** The map shows RMA insurance program date choices for sales closing, planting, reporting, and filing dates, per commodity, insurance plan, type, and practice. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS)