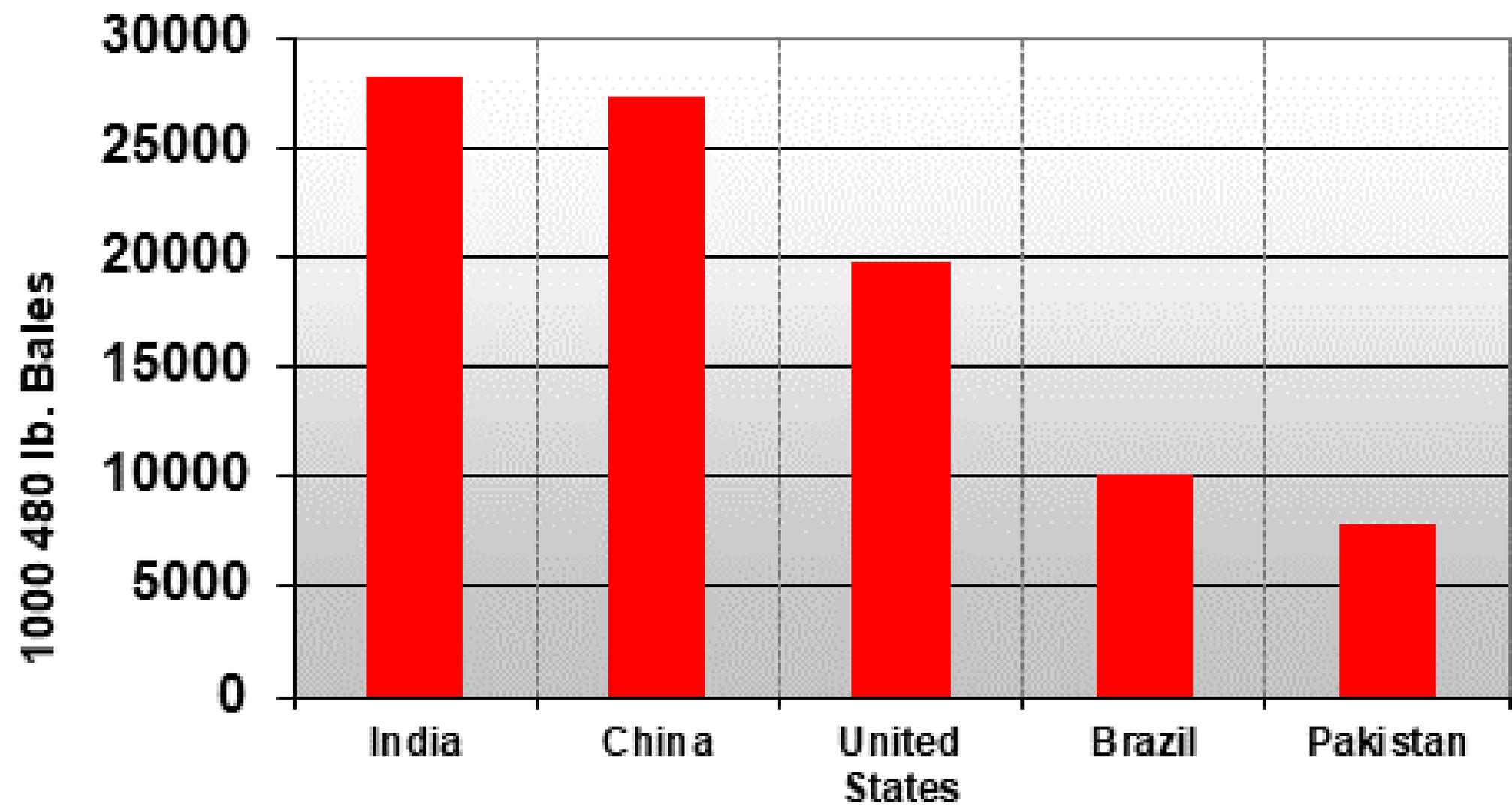


A close-up photograph of cotton plants in Xinjiang, China. The image shows several cotton bolls (seed pods) that are fully open, revealing soft, white cotton fibers. The bolls are attached to brown, woody stems. The background is filled with dry, brown leaves and some green foliage, suggesting a late harvest season. The lighting is bright, casting shadows on the ground.

Cotton in China: Deciphering Yields in Xinjiang

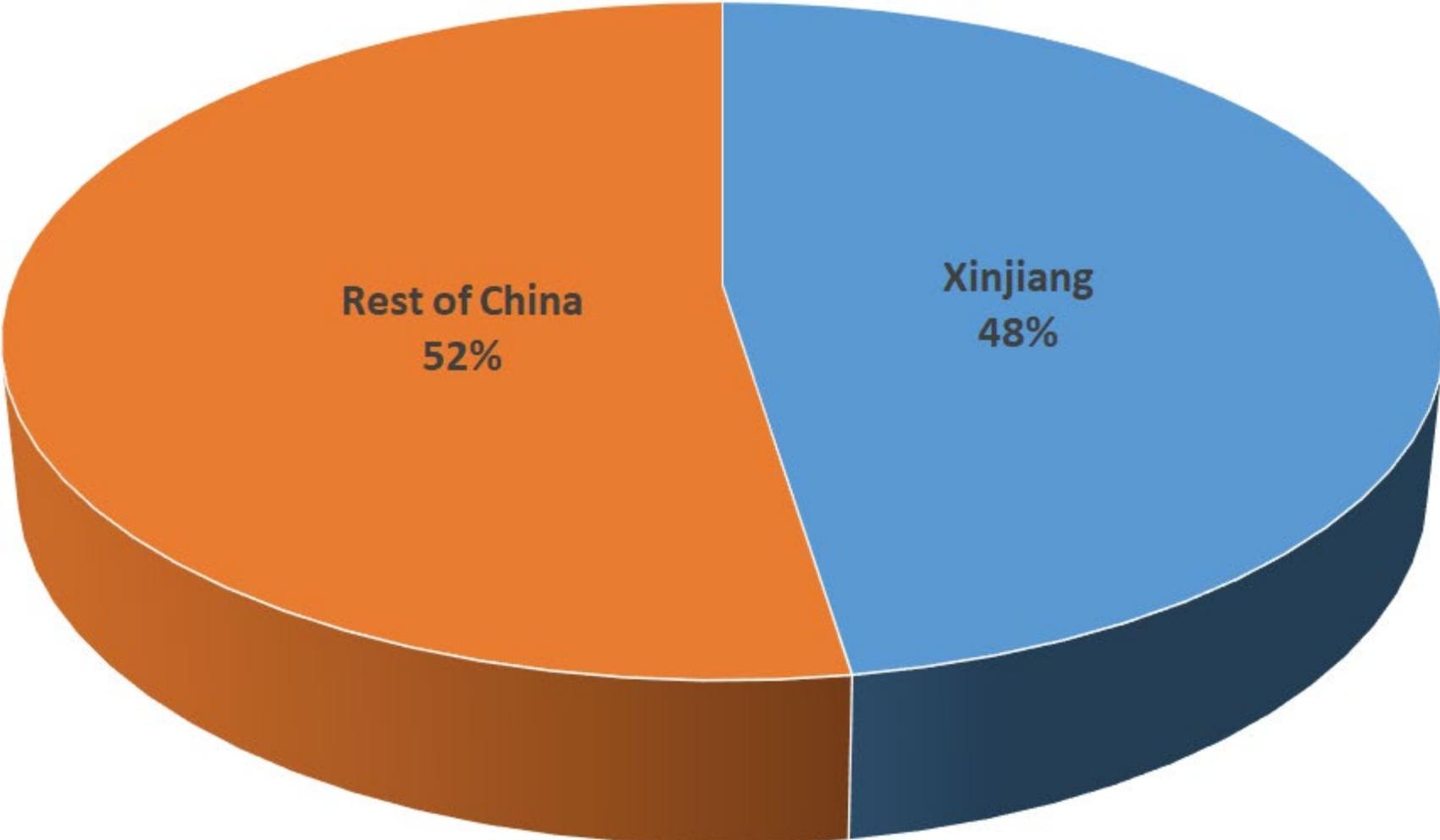
Presented by
Brian Morris
Agricultural Meteorologist
USDA/OCE/WAOB
February 22, 2019

Cotton Production



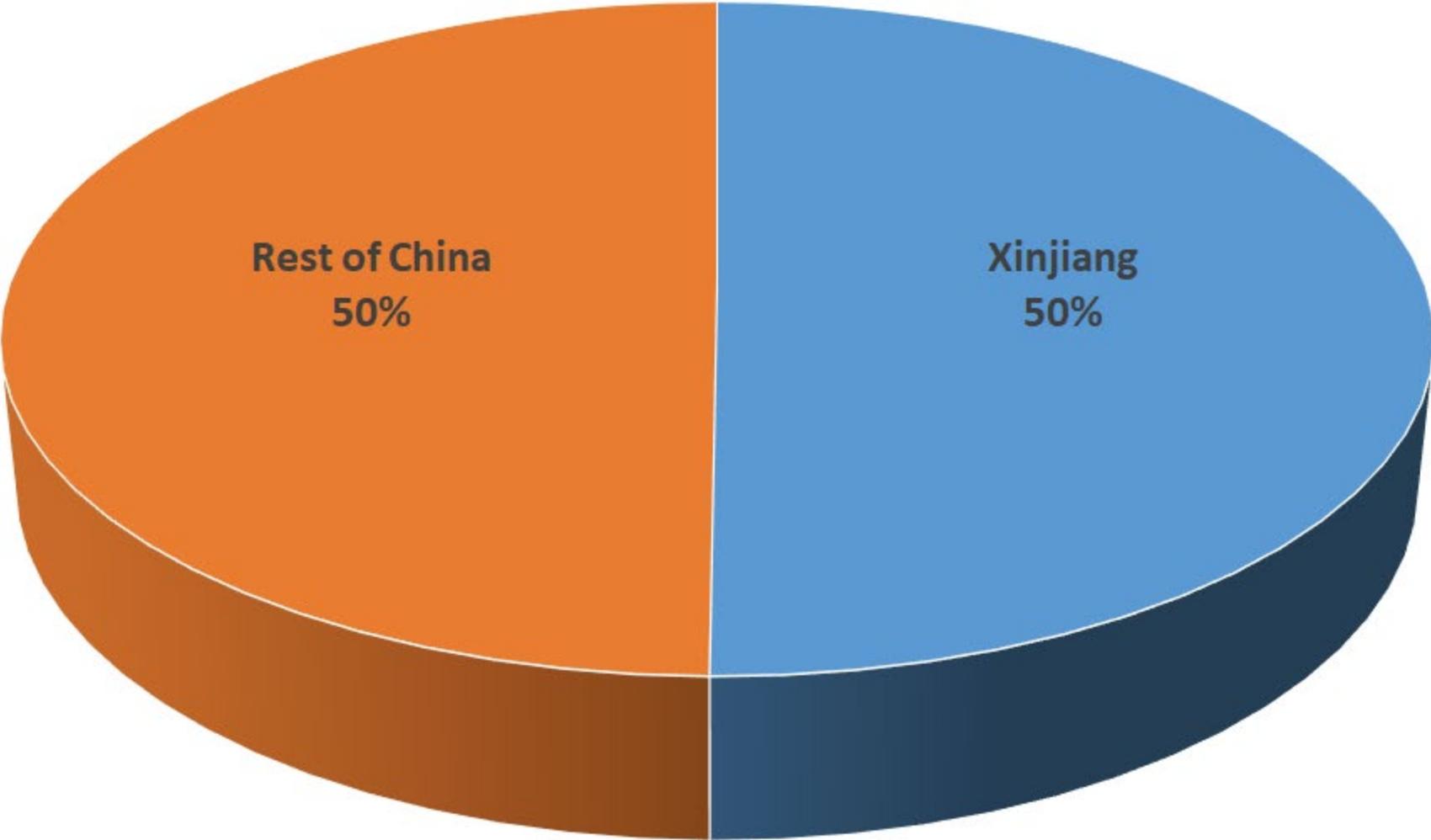
■ 2017 to 2018 Average (Last Update: December 2018)

2010 China Cotton Production



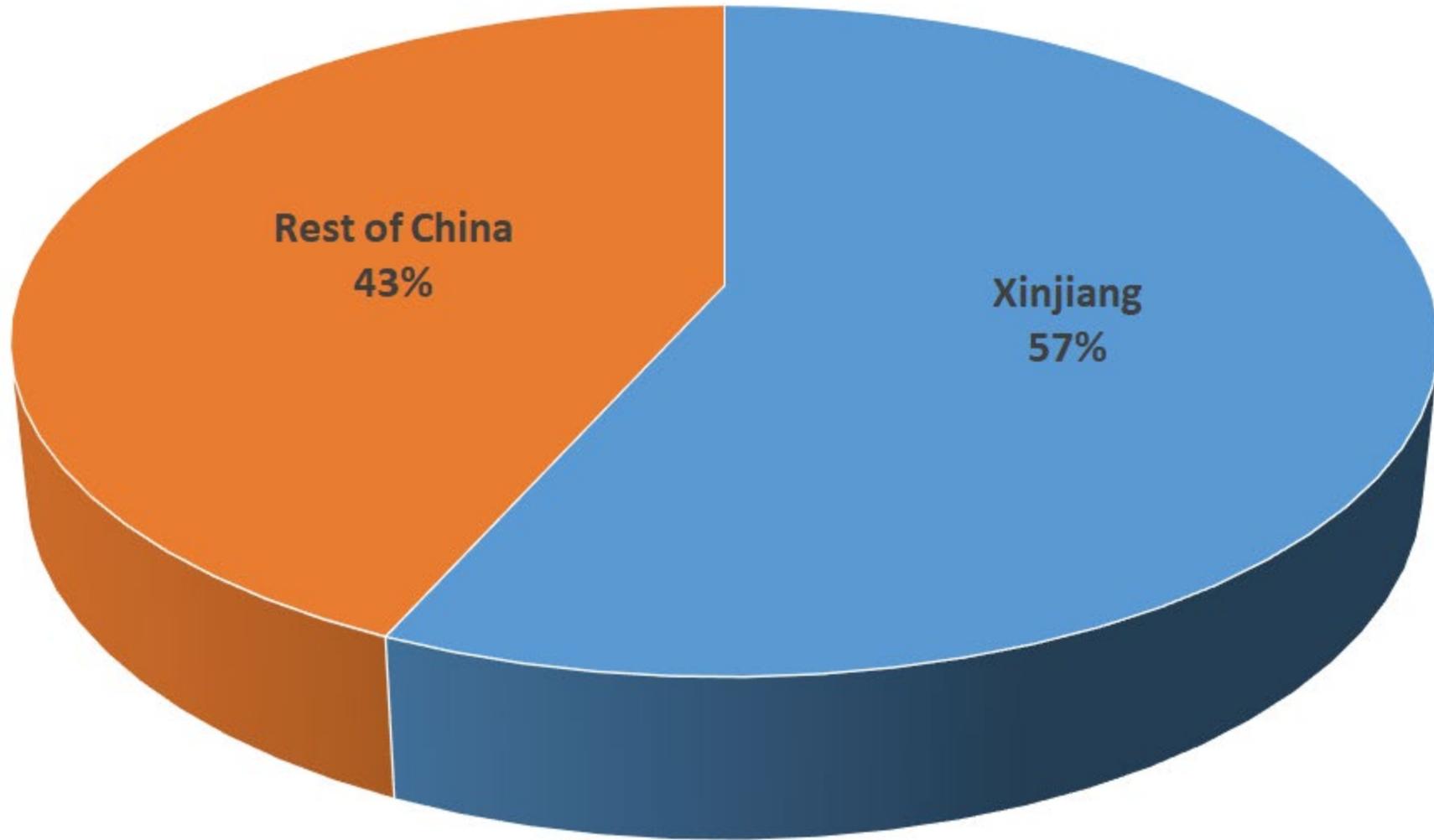
Source: USDA/WAOB

2011 China Cotton Production



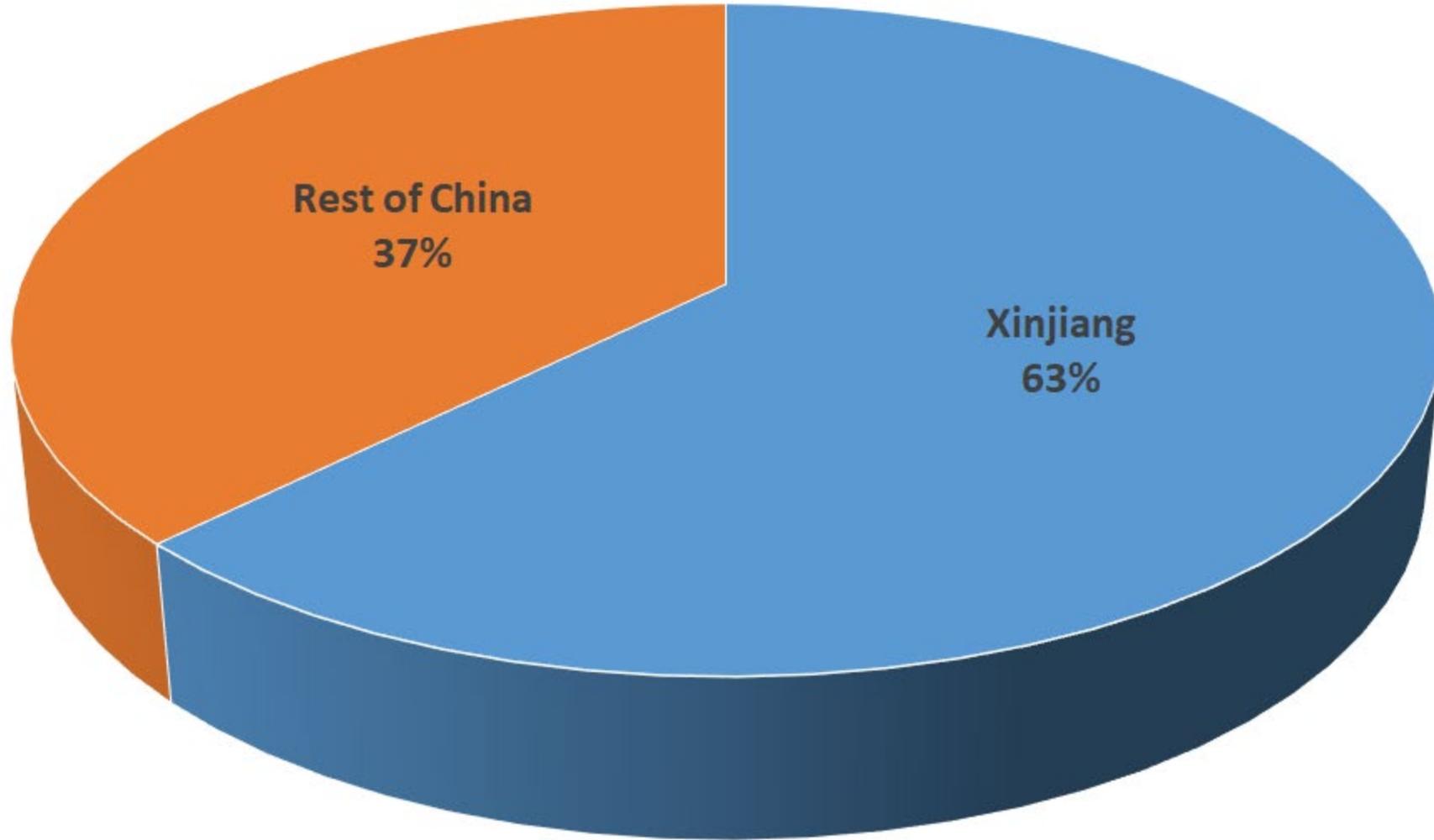
Source: USDA/WAOB

2012 China Cotton Production



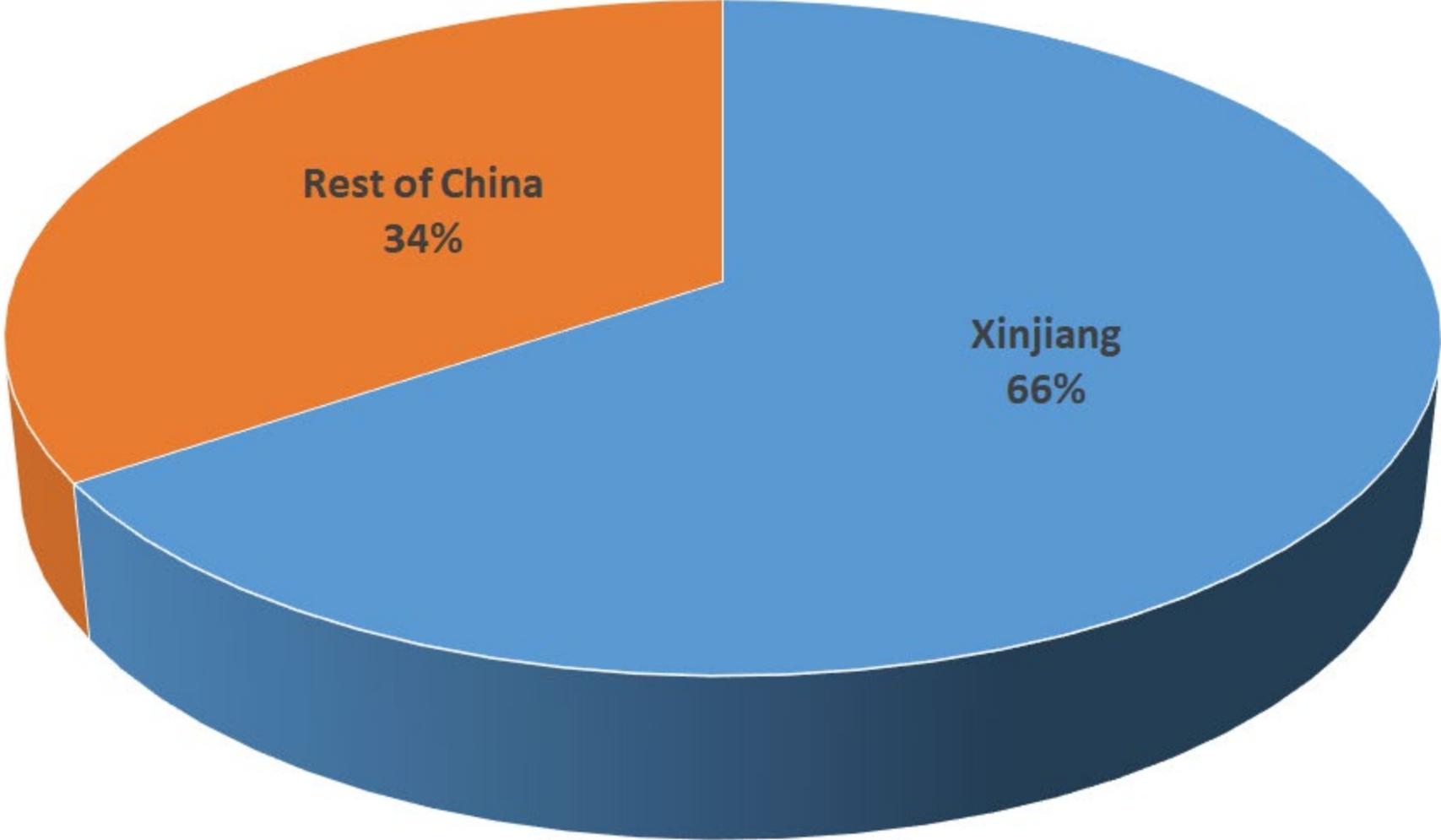
Source: USDA/WAOB

2013 China Cotton Production



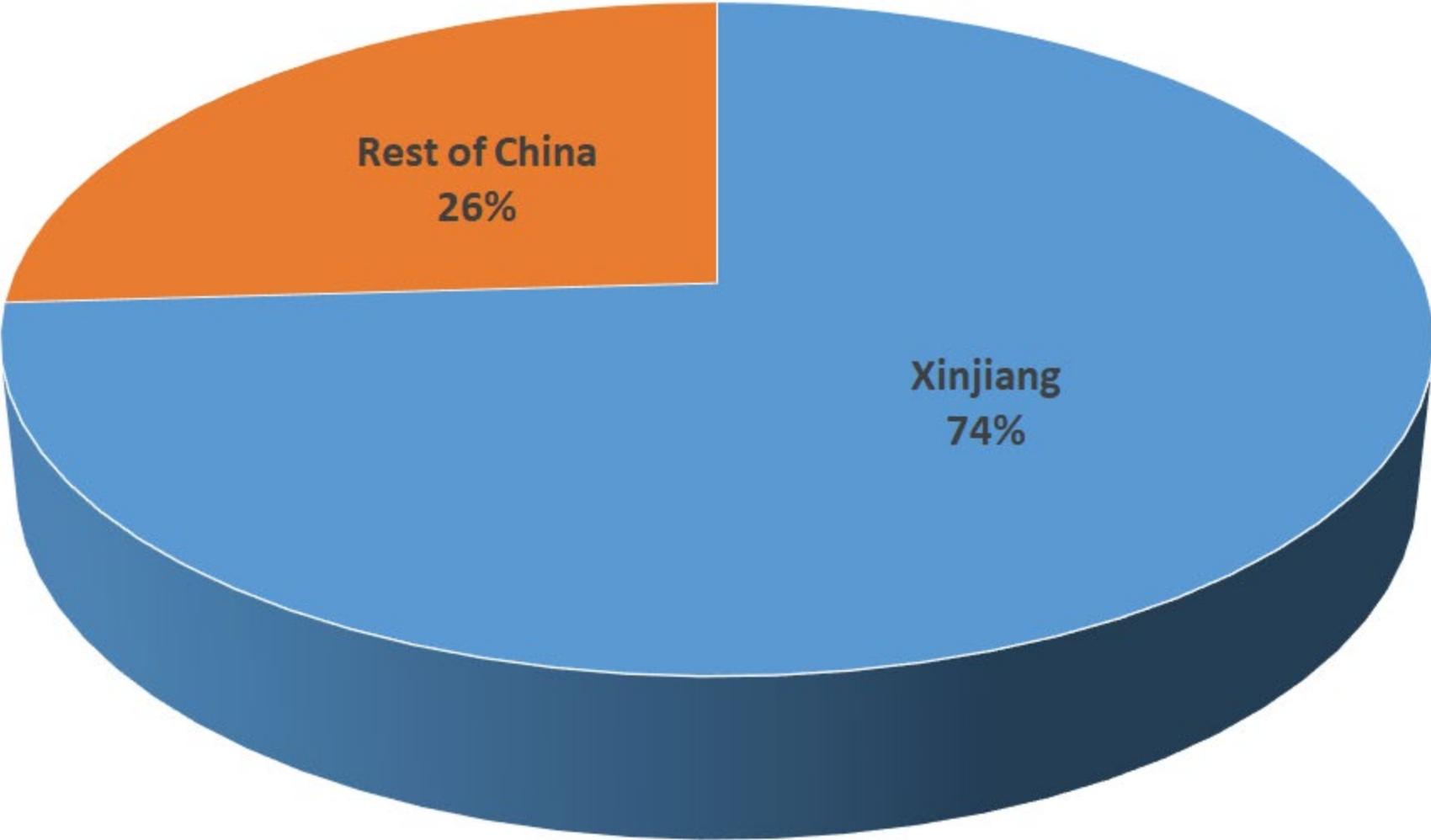
Source: USDA/WAOB

2014 China Cotton Production



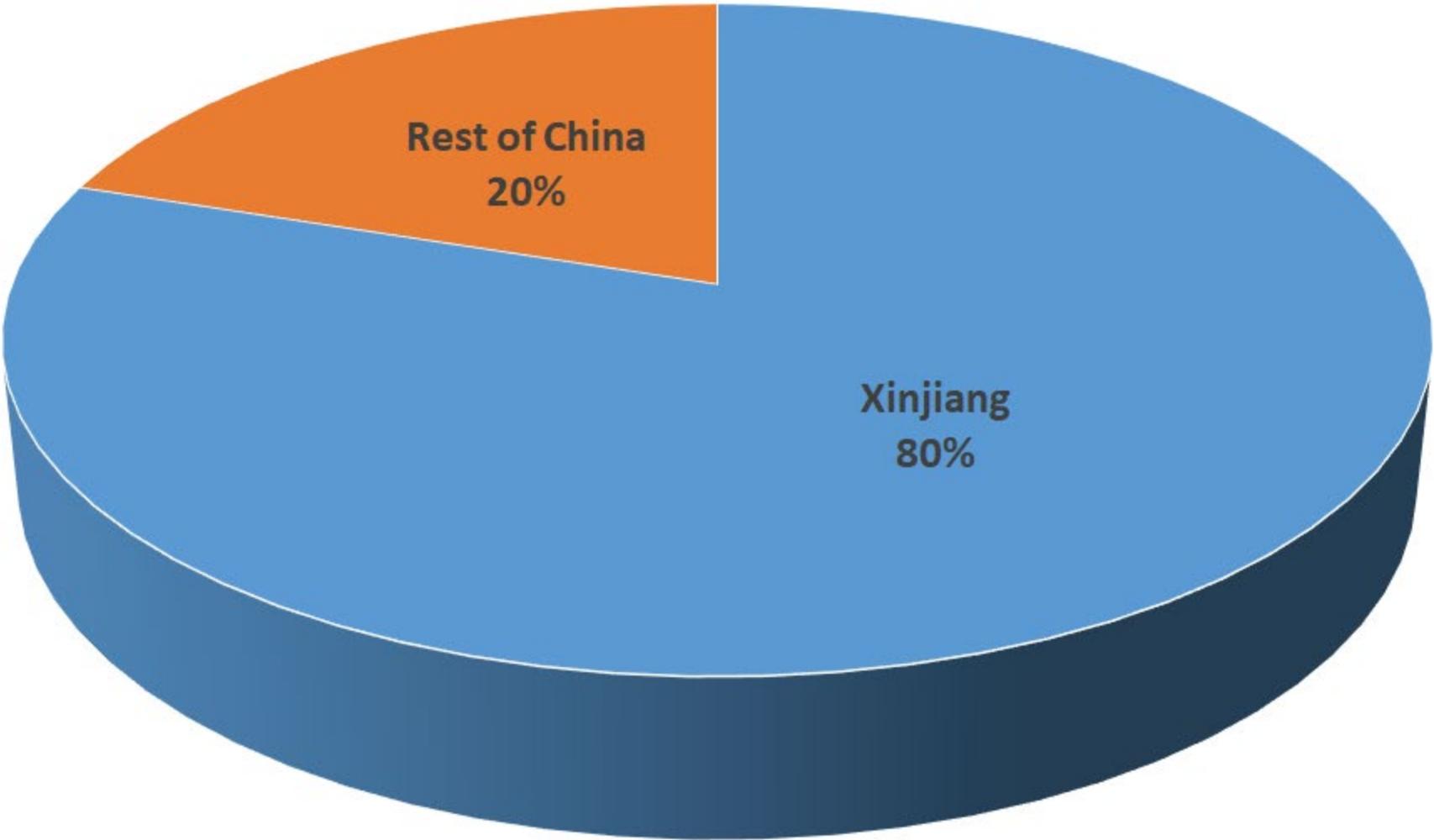
Source: USDA/WAOB

2015 China Cotton Production



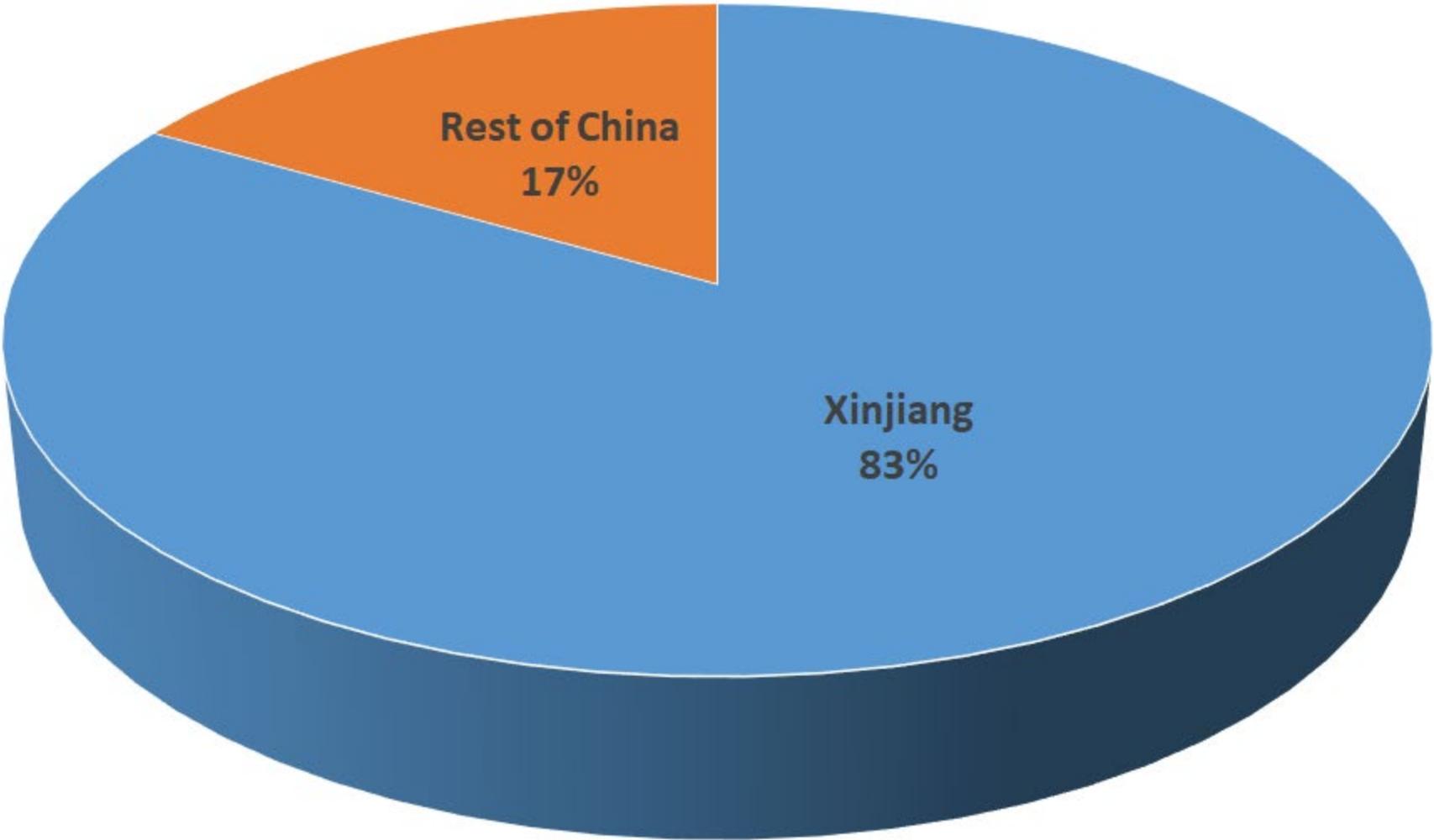
Source: USDA/WAOB

2016 China Cotton Production



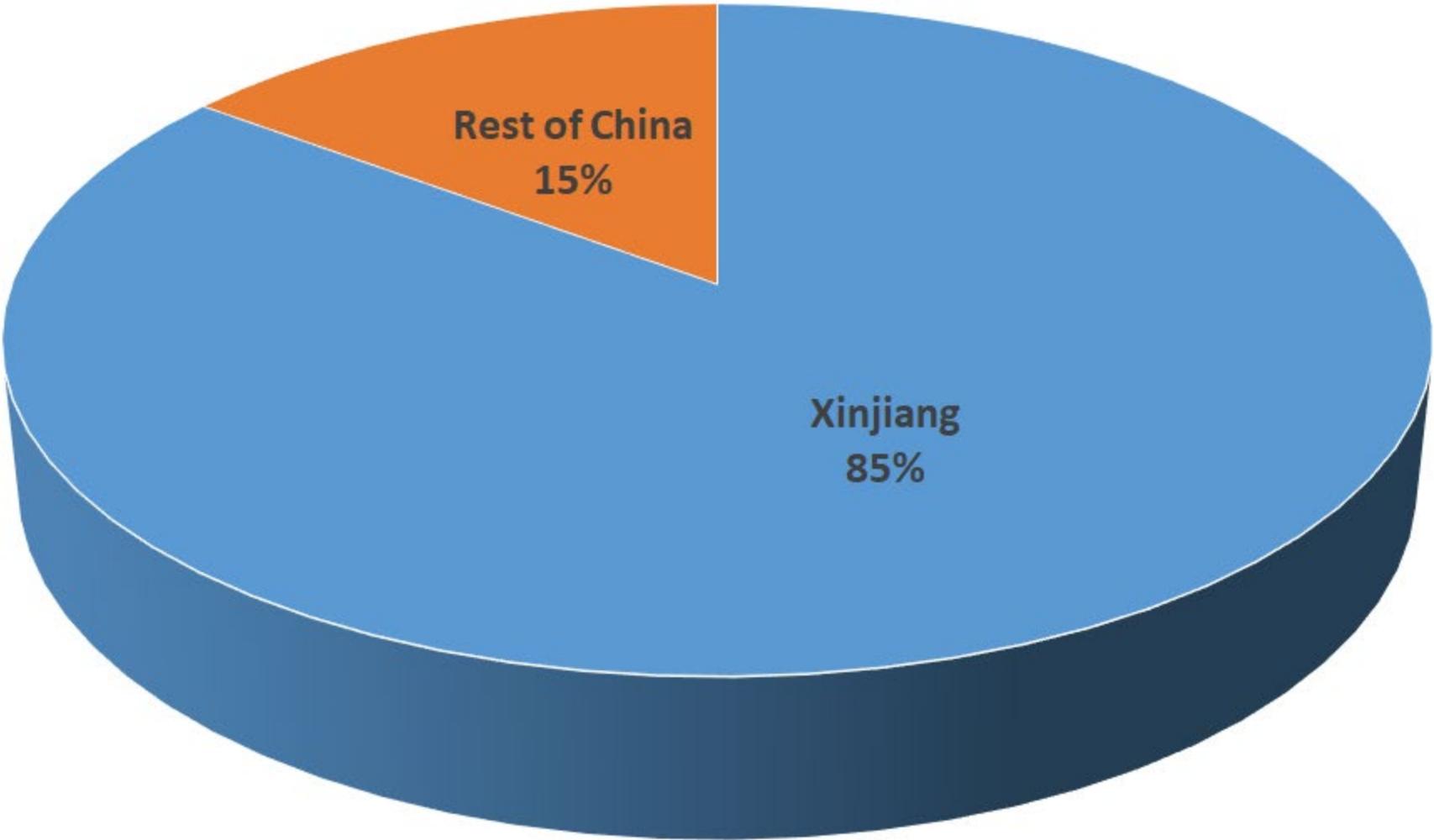
Source: USDA/WAOB

2017 China Cotton Production



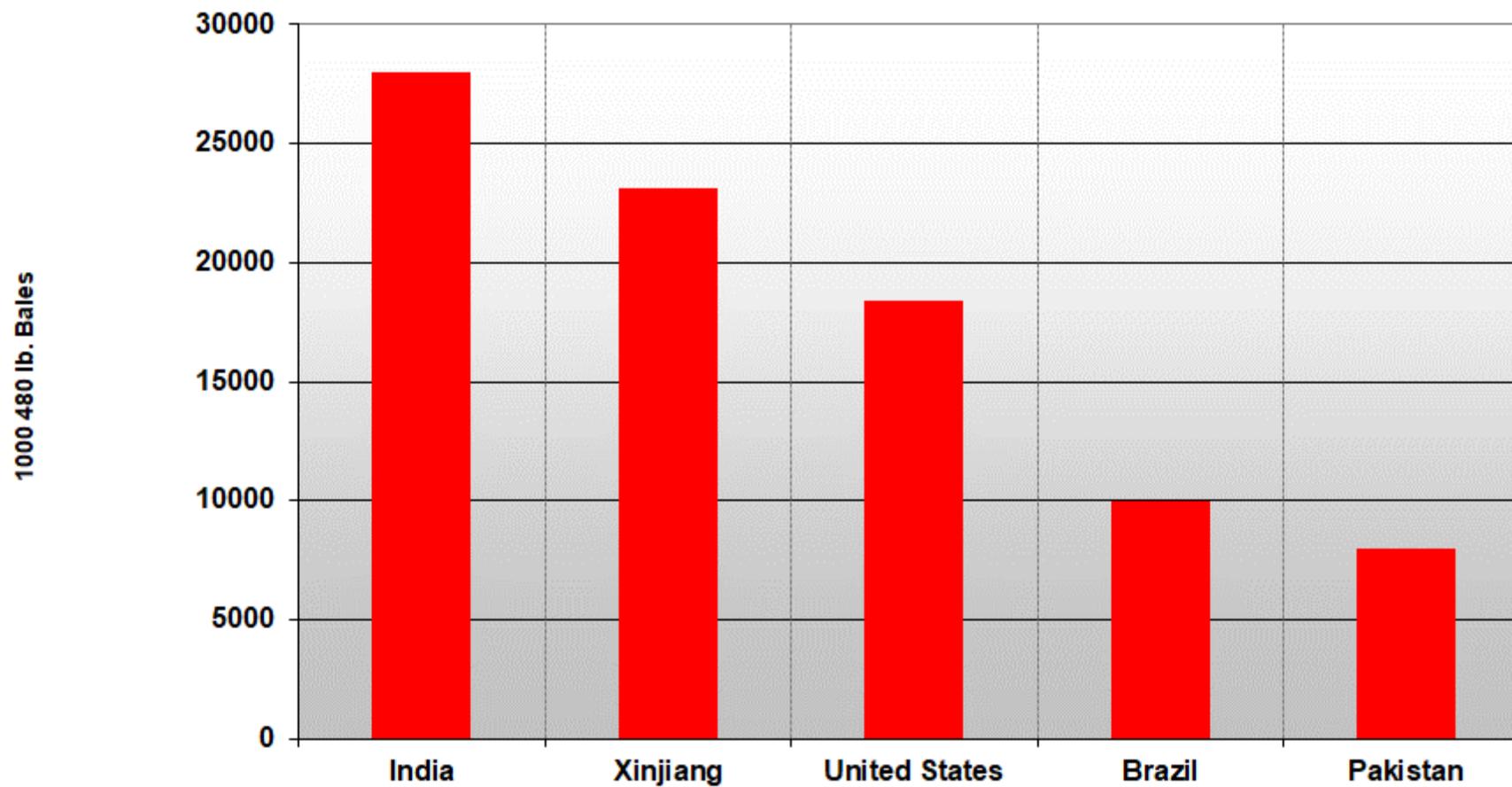
Source: USDA/WAOB

2018 China Cotton Production



Source: USDA/WAOB

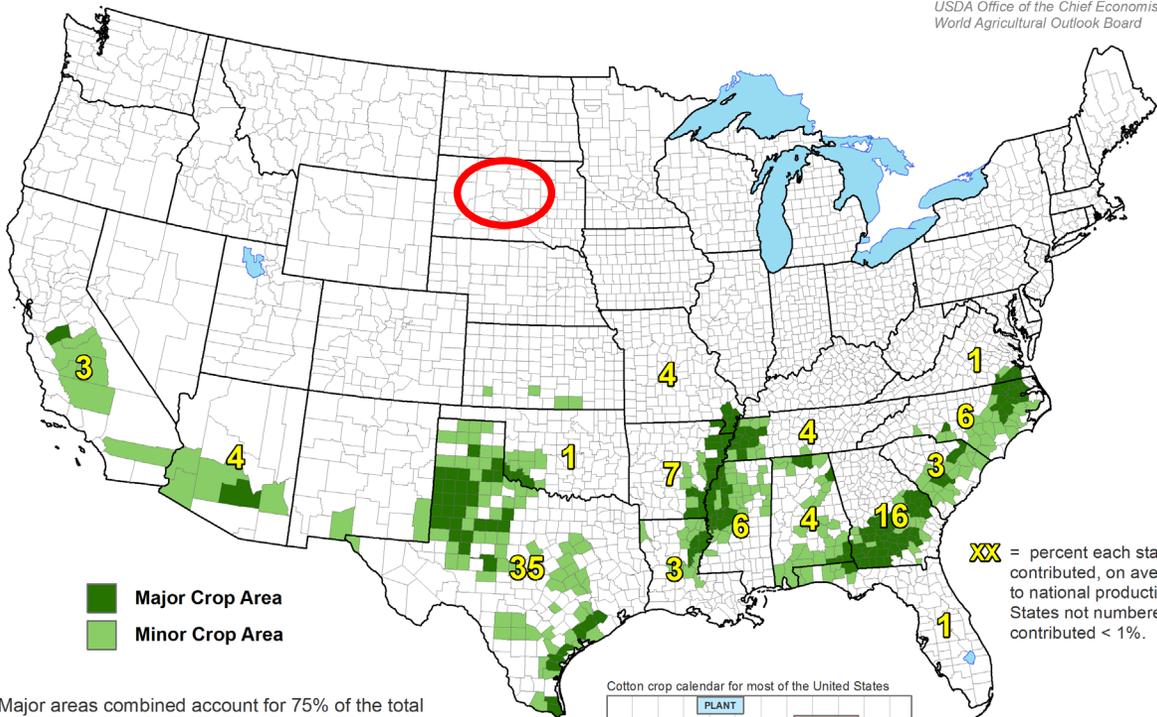
2018 Cotton Production



Source: USDA/FAS

United States: Cotton (Upland)

This product was prepared by the USDA Office of the Chief Economist World Agricultural Outlook Board

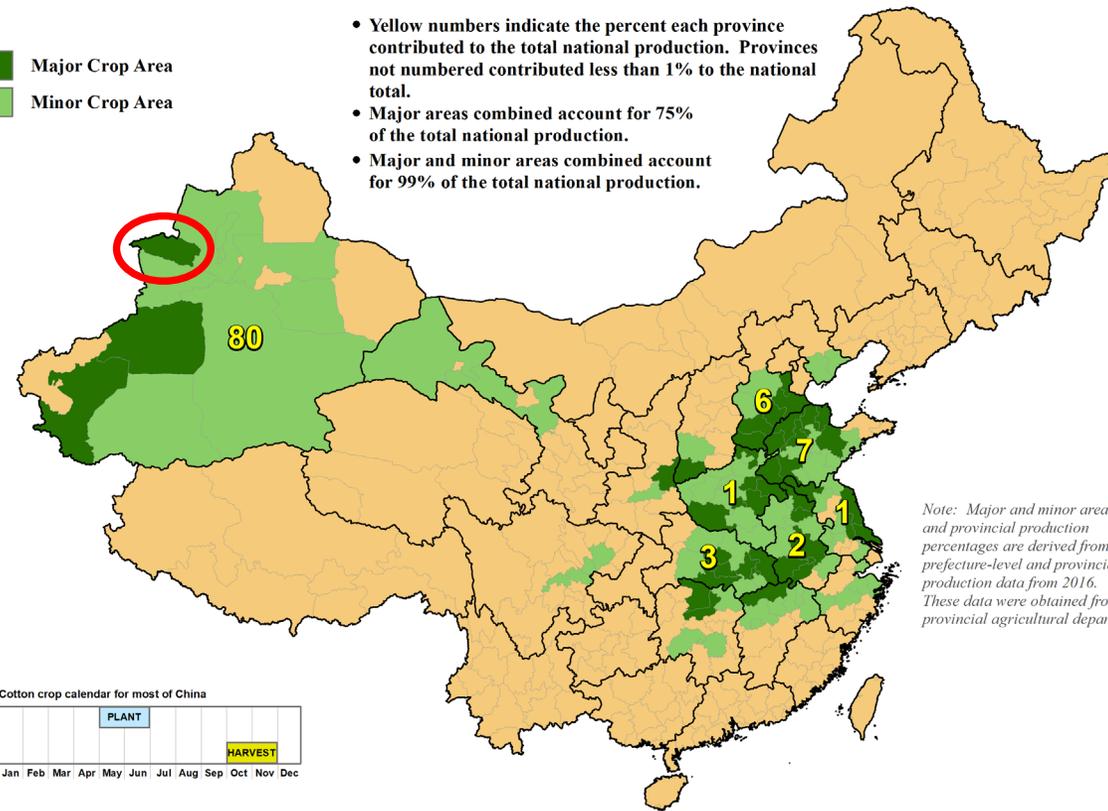


- Major areas combined account for 75% of the total national production.
- Major and minor areas combined account for 99% of the total national production.
- Major and minor areas and state production percentages are derived from NASS survey data from 2010 to 2014.

The crop calendar was developed using NASS crop progress data from 2010-2014. This calendar illustrates, on average, the dates when national progress advanced from 10 to 90 percent.

China: Cotton

- Major Crop Area
- Minor Crop Area



Note: Major and minor areas and provincial production percentages are derived from prefecture-level and provincial production data from 2016. These data were obtained from provincial agricultural departments.



Mongolia

Tien Shan Mtns.

TAKLAMAKAN

GOBI

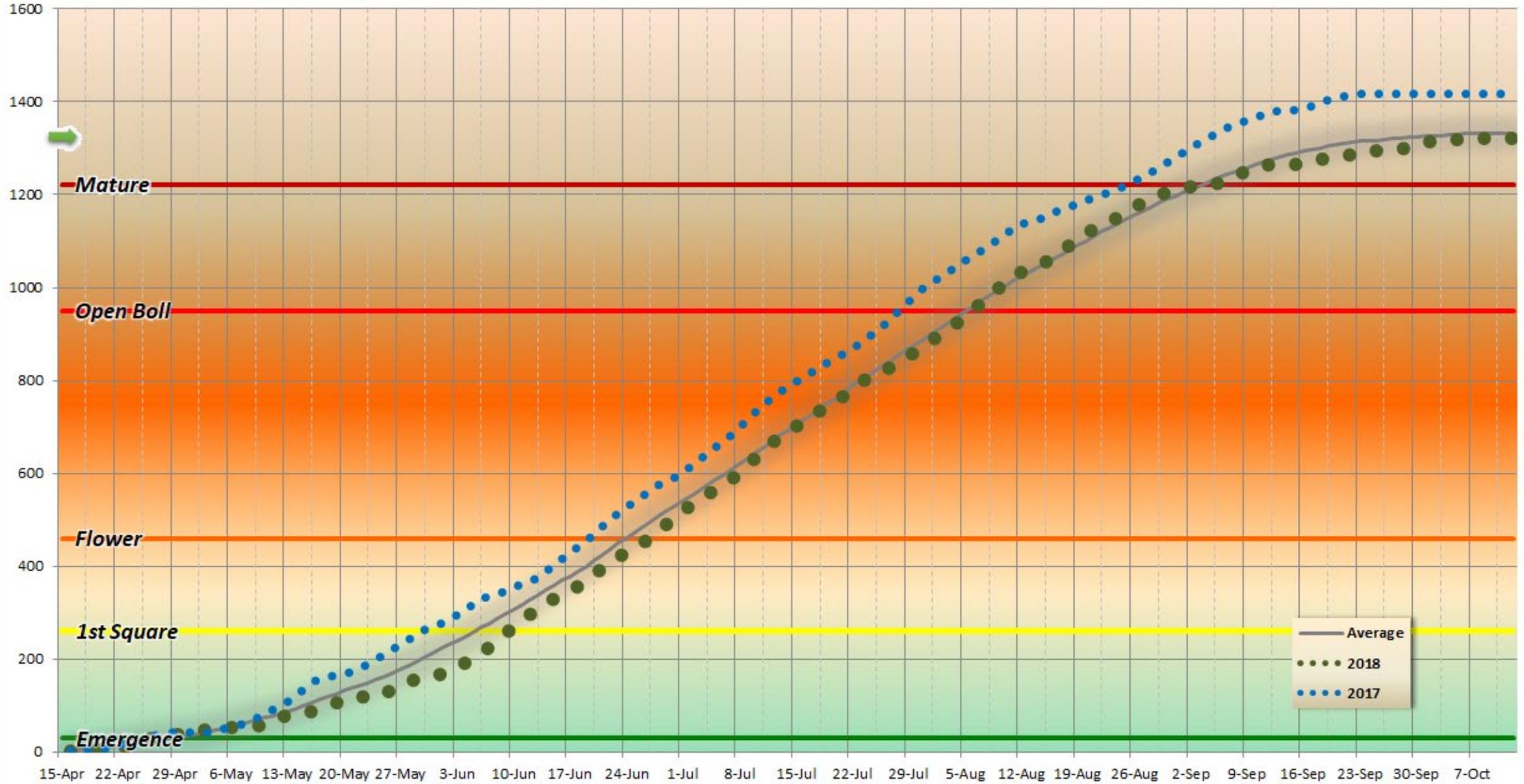
HIMALAYA

China



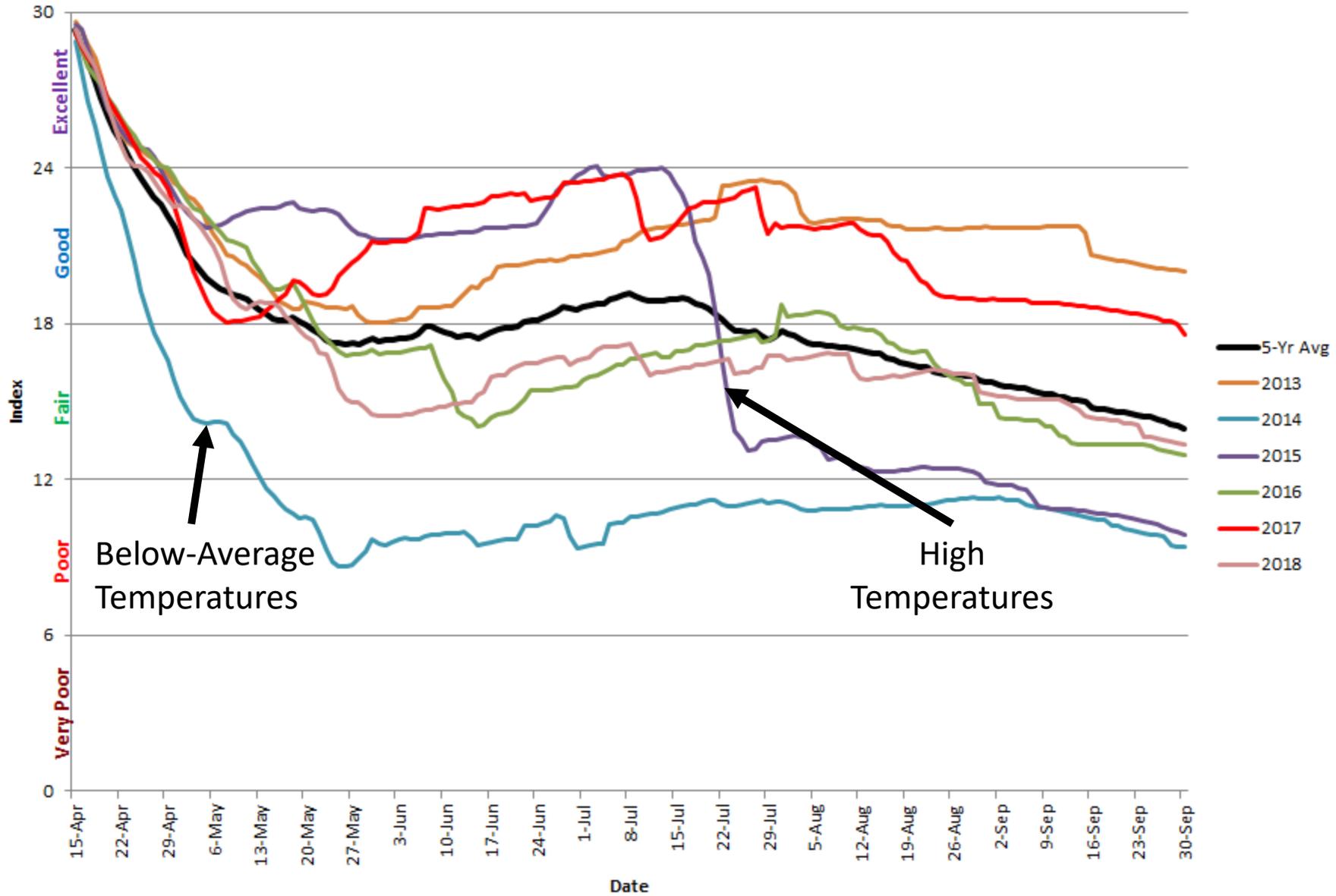
Cotton: XINJIANG - NORTHERN COTTON

GDD



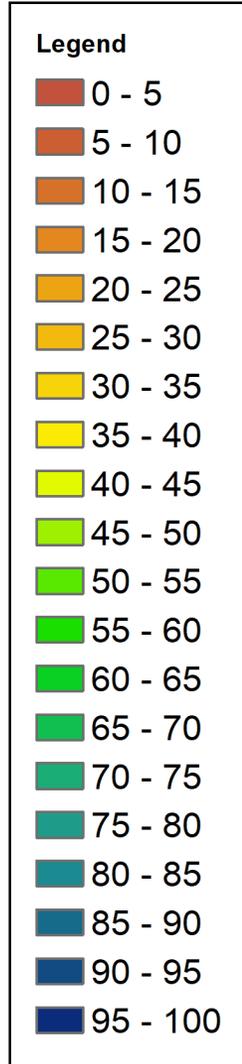
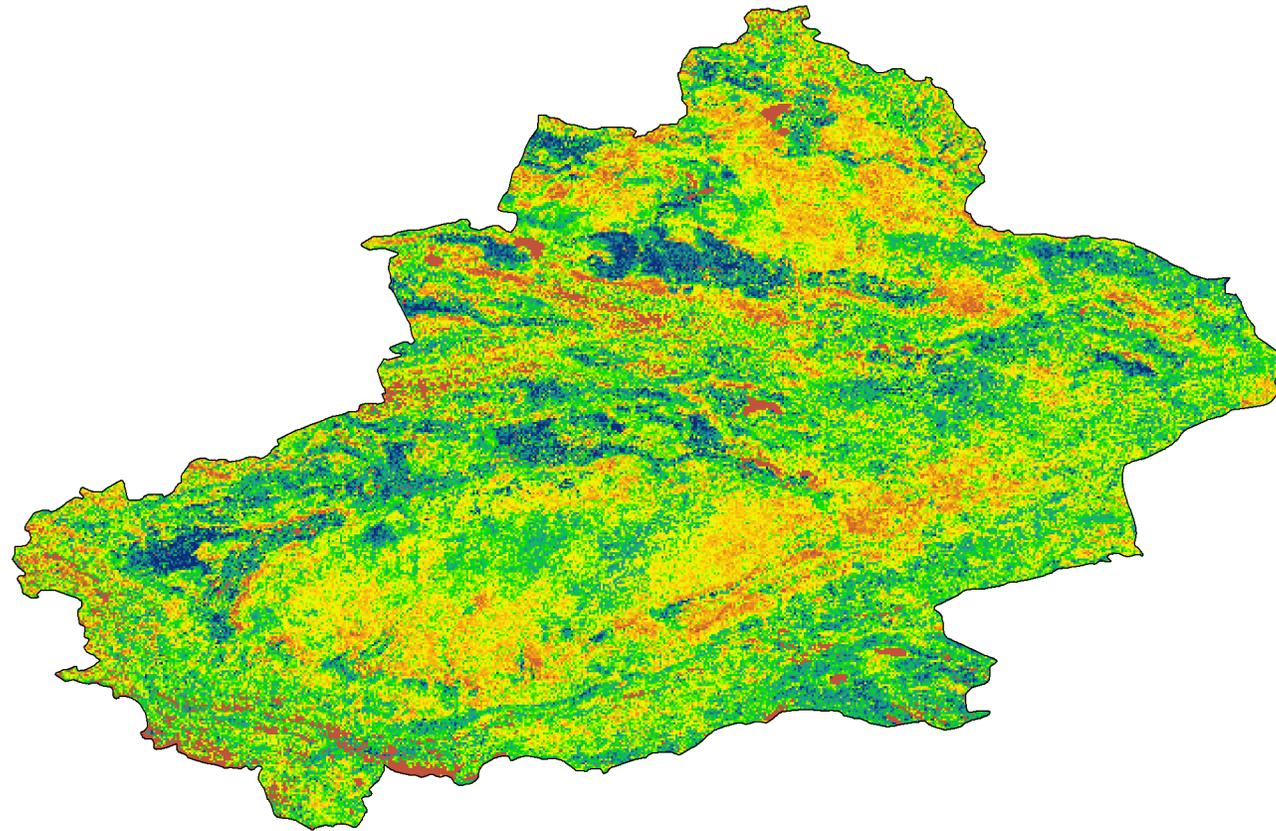
14 days behind Avg / 37 days behind 2017

Xinjiang Cotton Condition Index



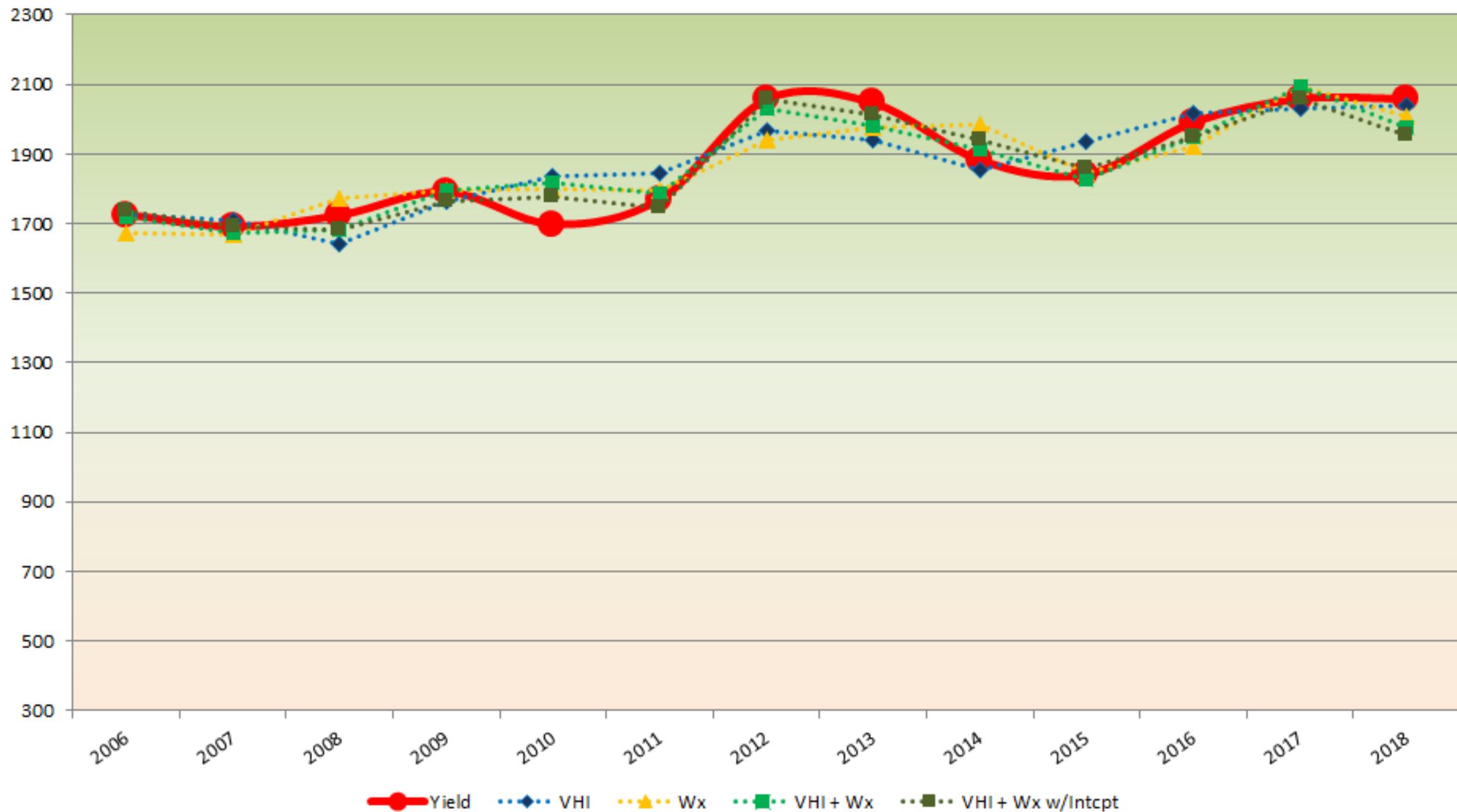
VHI

Week ending: July 29, 2018



11/2/2018

China Cotton: Regression Hindcast vs Observed



China Cotton Regression

Regression: 2006-2017
Median Regression Yield: 1993

