Data on U.S. Citrus Production – Early Forecasts to Final Estimates

(How NASS Collects and Disseminates Information)

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USDA

Agricultural Marketing Service

quick market information on prices, supply & demand

National Agricultural Statistics Service

basic statistics on crops, livestock,
labor, chemical use, farm demographics, income & expenses

Economic Research Service

economic analysis for the U.S. agricultural sector

National Agricultural Statistics Service

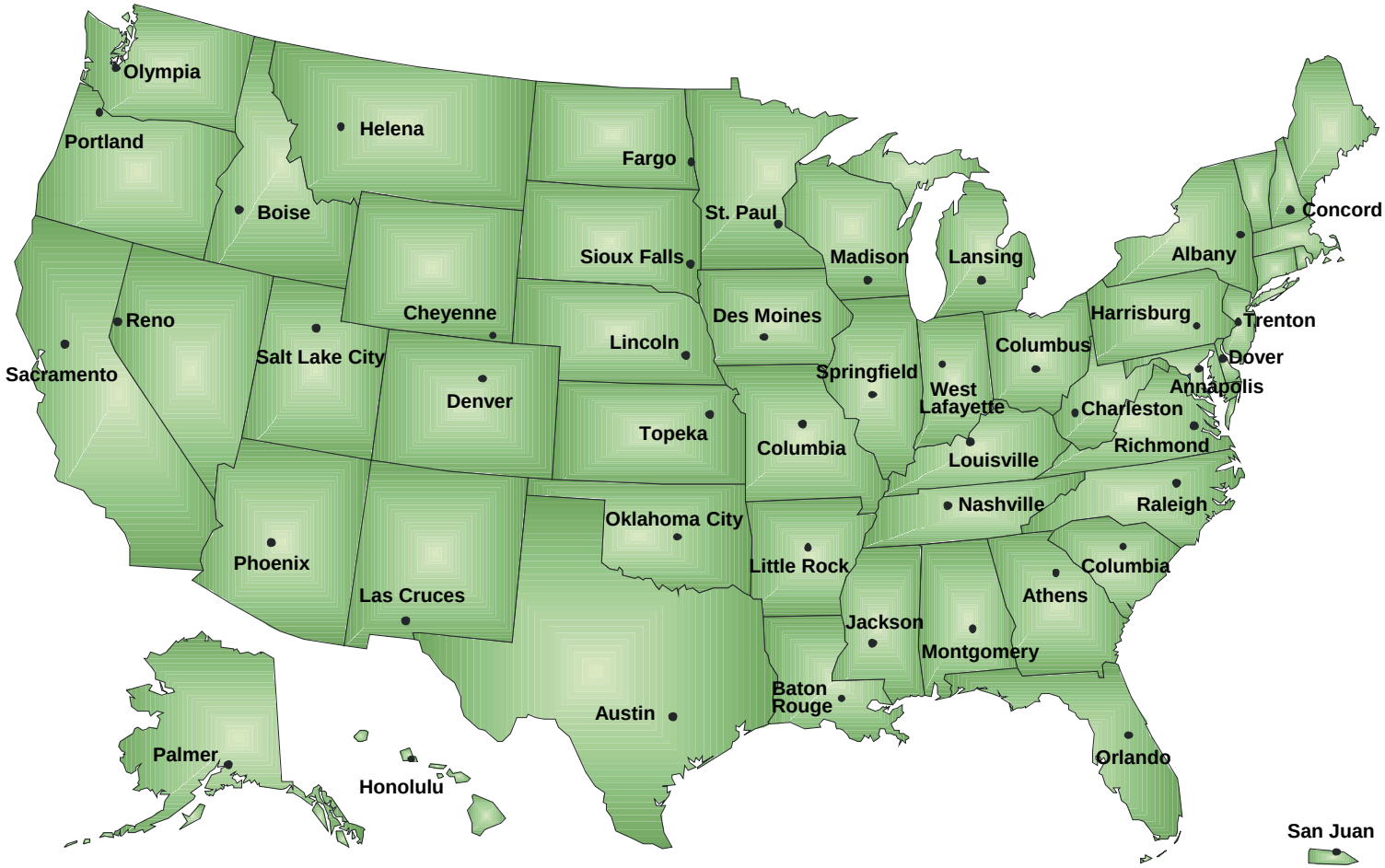
the statistical survey agency of the
U.S. Department of Agriculture

non-political,
non-policy making
independent-objective-unbiased
appraisers of U.S. agriculture

a cooperative statistical survey agency

State departments of agriculture
agricultural colleges & universities

NASS Field Offices



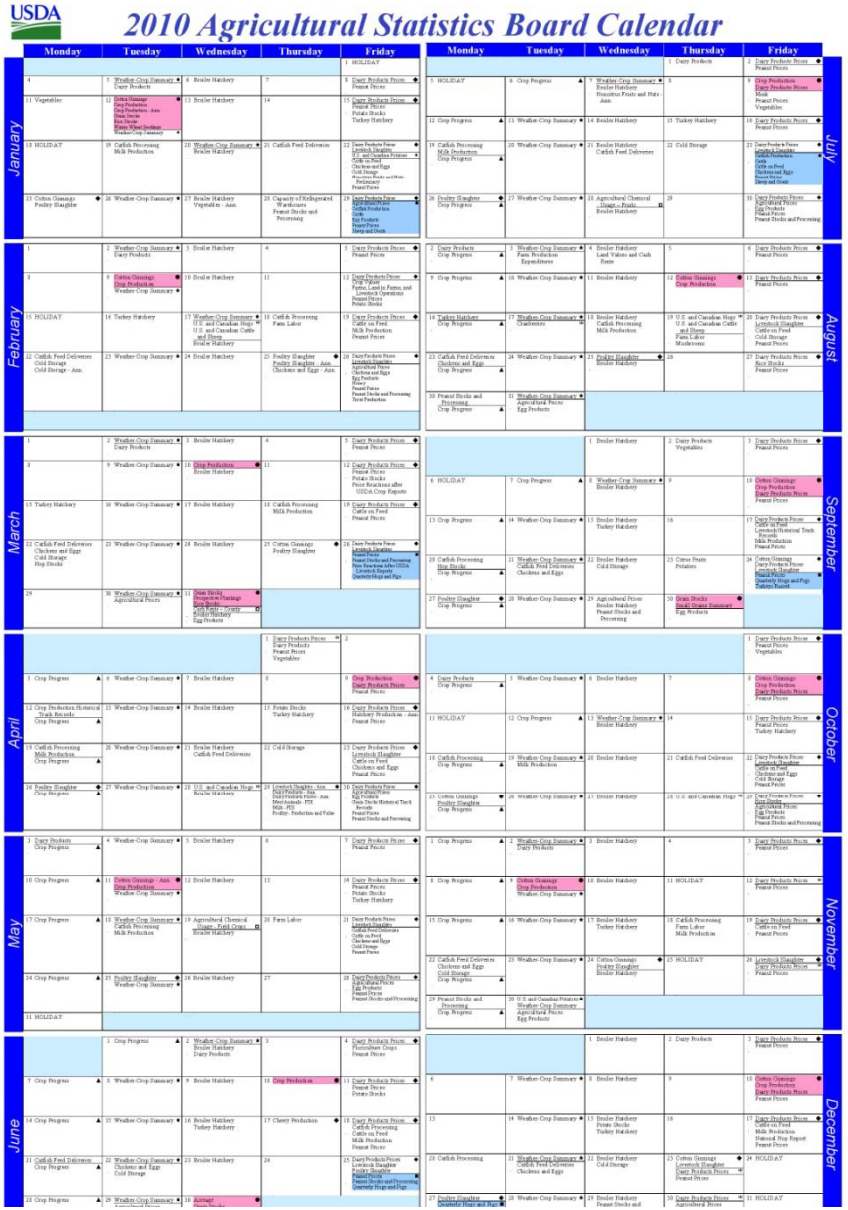
coordinate federal & state
agricultural statistics needs

statistical & survey consulting

other USDA agencies
other government agencies
private organizations
other countries

statistical research

NASS Ongoing Agricultural Statistics Program



estimates based on data from
agricultural producers & agri-businesses

surveys
administrative sources

sample & census procedures

scientifically proven sampling techniques

lists of producers & businesses
segments of land

data collected using:

mail questionnaires
telephone interviews
internet reporting
face-to-face interviews
objective measurements

comprehensive data analysis

NASS Survey & Estimation Process

Headquarters

- design survey
- develop specifications (content & procedures)
- design questionnaires
- develop instructions
- train field office statisticians
- develop systems/programs

State Offices

- maintain lists
- train interviewers
- collect data
- process data
- analyze data
- recommend state estimates

Headquarters

- Combine data to national level
- analyze data
- receive state recommendations

Agricultural Statistics Board

- set regional & national estimates
- review/reconcile state recommendations
- publish final estimates

Agricultural Statistics Board

varies by commodity

Deputy Administrator for Programs -*Chairperson*

Statistics Division Director

Branch Chief — Crops - Livestock - Environmental, Economic & Demographic

Section Head — Field Crops - Fruits, Vegetables & Special Crops - Livestock
Poultry & Specialty Commodities - Economics - Environment - Demographics

Commodity Specialist

Statistical Methodology Specialist

Survey Specialist

2 Field Office representatives

What statistics are prepared under "lock-up" conditions?

Speculative

Commodities

Corn yield forecasts

Soybean yield forecasts

Cotton yield forecasts

Wheat yield forecasts

Citrus production

Lock-up conditions

Credibility & Integrity of NASS Statistics

Confidentiality

voluntary reporting

agricultural census - mandatory

relevance

timeliness

accuracy

neutrality/impartiality

Security

equal access to results

Equal access to results

What?

training & technical assistance in all aspects of statistical surveys & data systems

sampling frames development
sample design
survey design
data collection methods
questionnaire design
interviewer training
survey management
remote sensing
data processing
data analysis

technical review of agricultural statistics programs

staff exchange

Why?

Help other countries improve
their agricultural data systems, which leads to a more efficient agricultural sector

Improve USA's (and other countries) ability to assess world food & fiber production, leading to better marketing and policy decisions

How?

all work on reimbursable basis

major funding sources:

U.S. Agency for International Development (USAID)
USDA Foreign Agricultural Service – Emerging Markets Program
World Bank
host countries

types of programs

short-term in-country programs
residency programs
study programs in the U.S.

Brazilian Cochran group learning about Florida citrus survey

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