

# Global Food Aid Program 2015 Update



Bruce Schactler & Nina Schlossman, PhD  
All Hands Meeting  
Anchorage, AK – October 2015

# In the past year

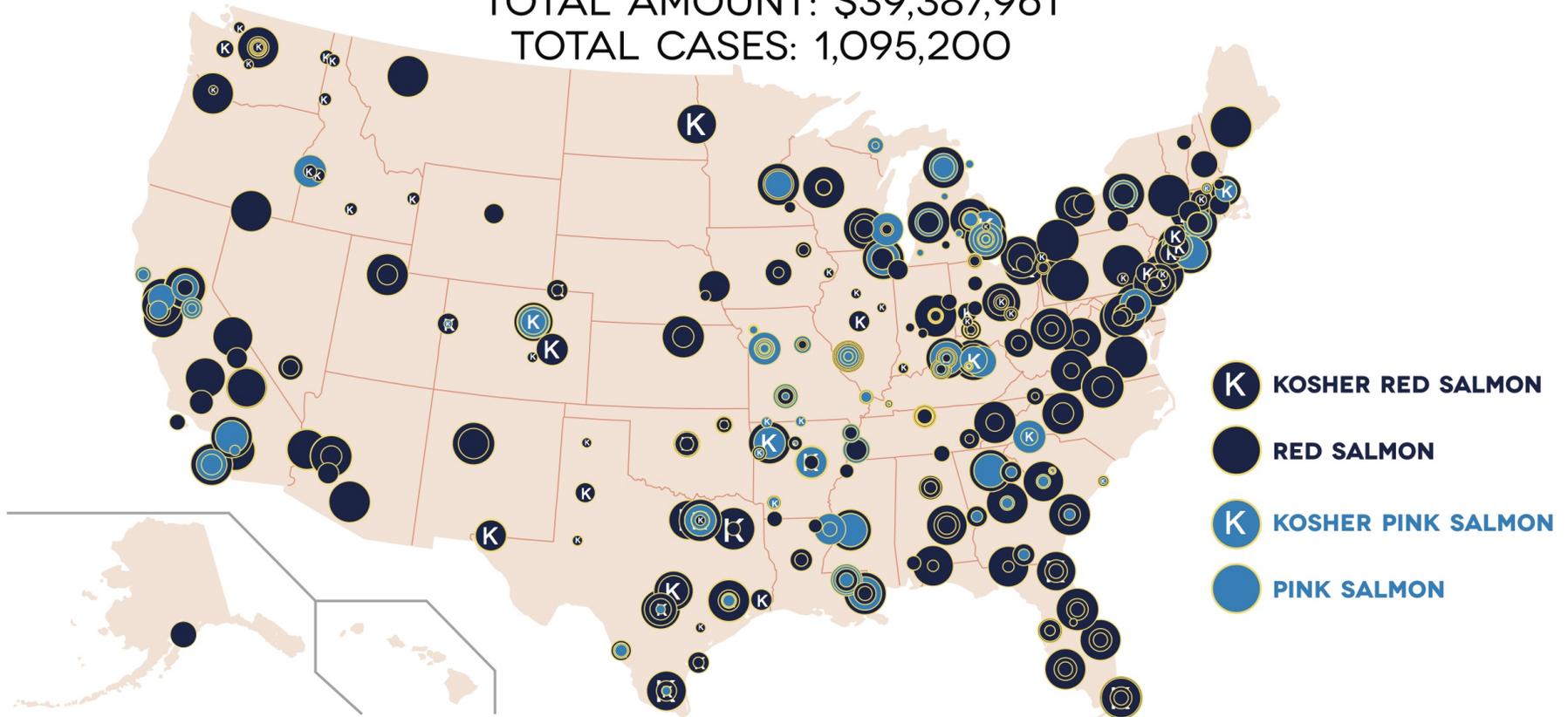
ASMI Global Food Aid Program  
focused on  
solutions for industry &  
expanding impact with new species  
& product forms in new markets

**\$39+ million USDA purchases of  
canned Pink & Sockeye Salmon**

# PINK AND RED CANNED SALMON: USDA PURCHASES 2015

TOTAL AMOUNT: \$39,387,961

TOTAL CASES: 1,095,200



-  KOSHER RED SALMON
-  RED SALMON
-  KOSHER PINK SALMON
-  PINK SALMON

SOLICITATION #:	2000002969	2000003322	2000003591	2000003630
DATE:	11-06-14	06-02-15	09-23-15	09-29-15
TOTAL CASES:	124,800	91,200	666,400	212,800
DOLLAR VALUE:	\$5,799,920	\$3,629,777	\$22,497,916	\$7,460,348
SPECIES:	<b>PINK</b>	<b>PINK</b>	<b>RED</b>	<b>RED</b>

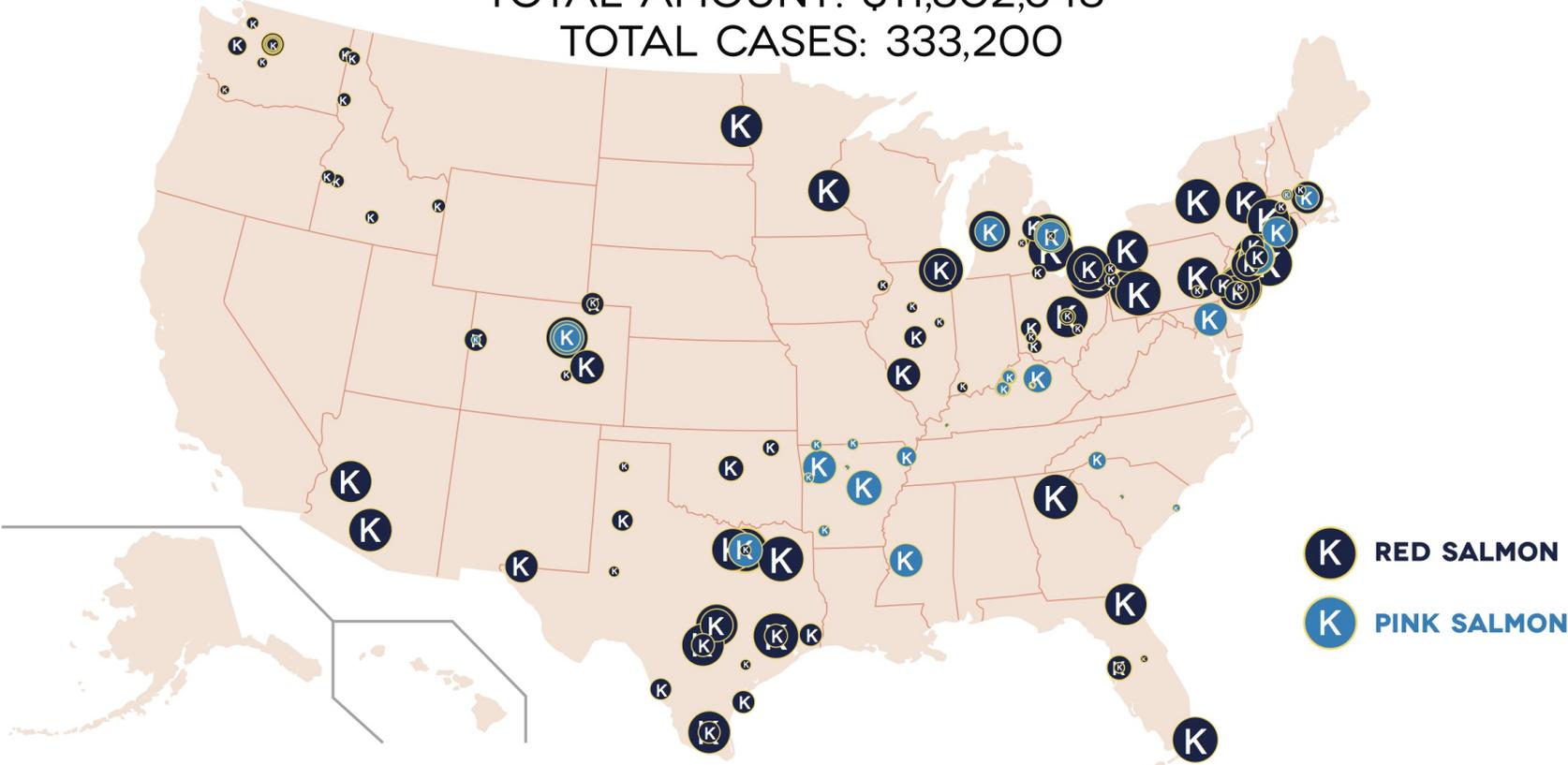
AMS Commodity Purchasing data compiled from [ams.usda.gov/selling-food/solicitations](http://ams.usda.gov/selling-food/solicitations)



# KOSHER PINK AND RED CANNED SALMON: USDA PURCHASES 2015

TOTAL AMOUNT: \$11,802,648

TOTAL CASES: 333,200



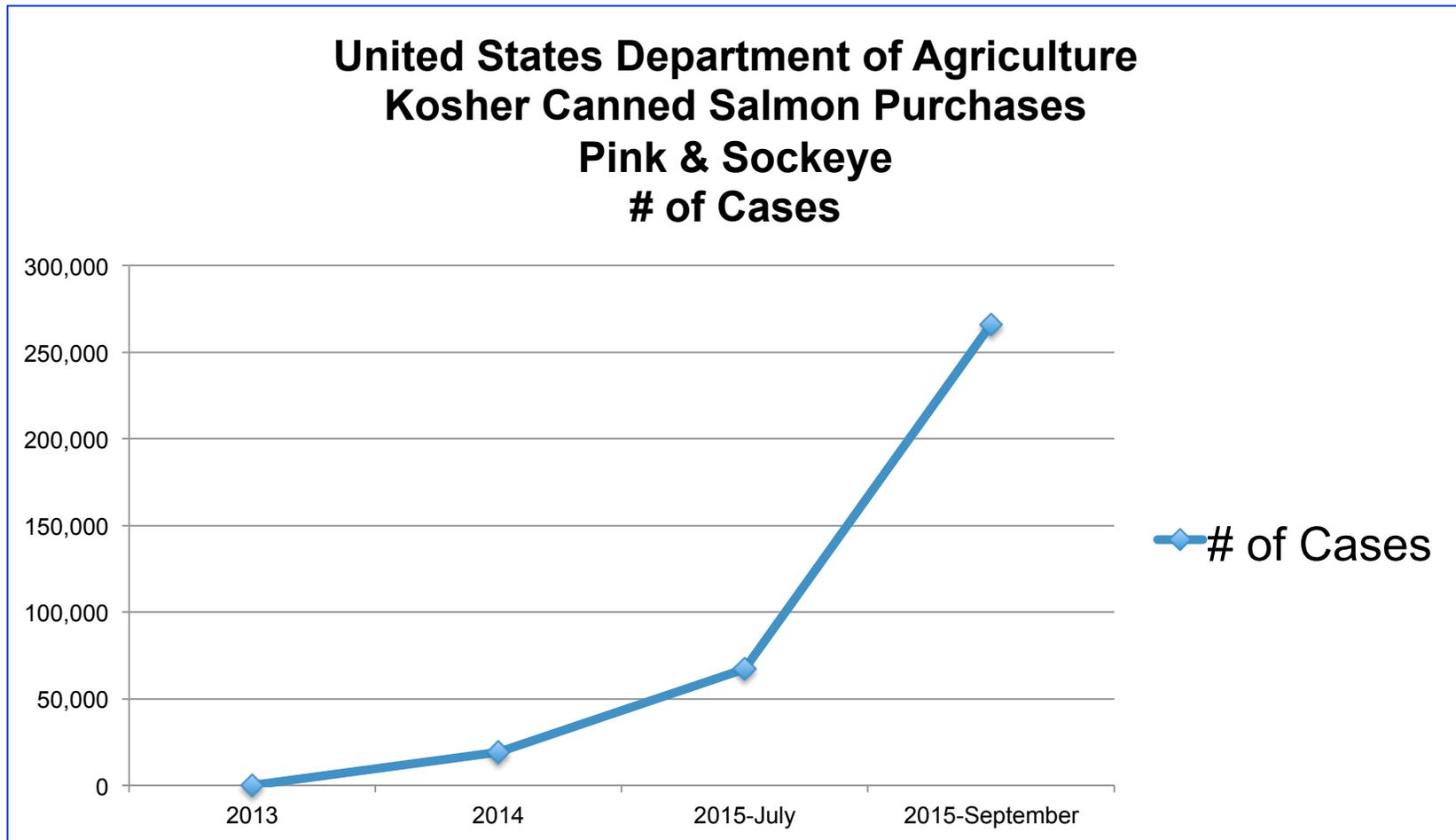
**K** RED SALMON  
**K** PINK SALMON

SOLICITATION #:	2000002969	2000003322	2000003591
DATE:	11-06-14	06-02-15	09-23-15
TOTAL CASES (KOSHER):	40,000	27,200	266,400
DOLLAR VALUE (KOSHER):	\$1,843,862	\$1,090,652	\$8,868,133
SPECIES:	<b>PINK</b>	<b>PINK</b>	<b>RED</b>

AMS Commodity Purchasing data compiled from [ams.usda.gov/selling-food/solicitations](http://ams.usda.gov/selling-food/solicitations)



# Kosher Canned Salmon Sales: 0 to 266,000 cases in 2 years



# The World Needs Alaska Seafood

## Responding to need

- Canned Salmon and other Alaska seafood are effective in emergencies
  - They are popular, easy to handle & eat in any emergency situation
- They should be prepositioned for relief efforts

## Continuing to build the evidence

- Pilot projects show results and call for further investigation
- We are conducting field research and RCT's to prove benefits

# The World Needs Alaska Seafood

## Responding to demand

- Growing need for new, abundant, safe, and cost-effective foods high in protein and omega 3's

## Alaska seafood can be all of these things

### **New Alaska Seafood Products – meals, powders, oils & other forms:**

- To deliver high quality marine protein and Omega 3's,
- Made from underutilized species, byproducts and waste recovery
- Environmentally gentle and sustainable

### **Consumer testing to build the evidence**

- Consumer testing – acceptability, effectiveness
- Commercial market development
- Field and clinical research & RCT to prove benefits

# Feature Projects



# Gathering Evidence

## Republic of Congo

- Salmon powder improving of school meal nutrition, taste and quality
- High acceptability with long term daily consumption during one school year

## Guinea-Bissau

- 4 village randomized controlled trial (RCT) to mitigate malnutrition with canned Herring in lean season

# Republic of Congo Results

- Acceptable & feasible to incorporate **Salmon Powder** in school meals of 9,000 kids
- R&D to improve taste and sensory profile
- Next generation powder for commercial applications



# Guinea-Bissau On-going

- **AK Herring** marine source of high potency nutrients with measurable nutrition benefits for HIV/AIDS patients in Liberia
- 1<sup>st</sup> RCT Field Research to test nutritional benefits in lean season in 1,000 kids



# Hunger Hurts - Malnutrition Kills

**1 Billion** people don't get enough nutritious foods to eat

**37 million** hungry in America

**> 60%** of babies globally are underweight at birth

**165 million** children <5 stunted (25.7%) worldwide

**> 3 million** children die from malnutrition every year

# Food Aid & Nutrition Research

There are 68 research studies underway around the globe focused on nutrition and food aid

"It's the collective science that will influence the future direction of USAID,"

Source: Patrick Webb, Tufts' Friedman School of Nutrition Science and Policy

# US Nutrition, Science & Policy

- FDA urges pregnant women to eat more seafood
- DGA (2010), AHA, WHO, recommend 2-3 servings of fish a week
- 2015 Dietary Guidelines Report: 2-3 servings a week of fish consumption a priority recommendation
- WIC is reviewing its food baskets to be more in line with US food science and policy and needs to add canned salmon to all baskets

**We provide testimony & push to implement science-based fish consumption recommendations in all USG food and nutrition programs**

# Global Trends in Nutrition & Health

- More emergencies ↑ humanitarian needs
  - Natural disasters & human conflicts
- Public health risks continue (Ebola, TB, AIDS...)
- Maternal & infant nutrition gets ↑ attention
  - 1<sup>st</sup> 1,000 days, adolescent girls in/out of school
- Nutrition throughout life – womb to tomb
  - Food & lifestyle choices, people living longer
  - New generation foods needed to treat early malnutrition and prevent obesity and NCDs

# Global Food & Nutrition Needs

**Protein in 2050** – where is it going to come from?

- Animal protein production expected to double to meet rising demand especially in developing countries
- Are food systems sustainable?
- What's the environmental impact of agriculture?
- WHO is promoting consumption of insects like crickets, cricket flour

**What about marine sources?**



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