

Trans-Pacific Partnership: Increasing the Gusher of Risky, Imported Fish



Shrimp aquaculture, Vietnam, FAO

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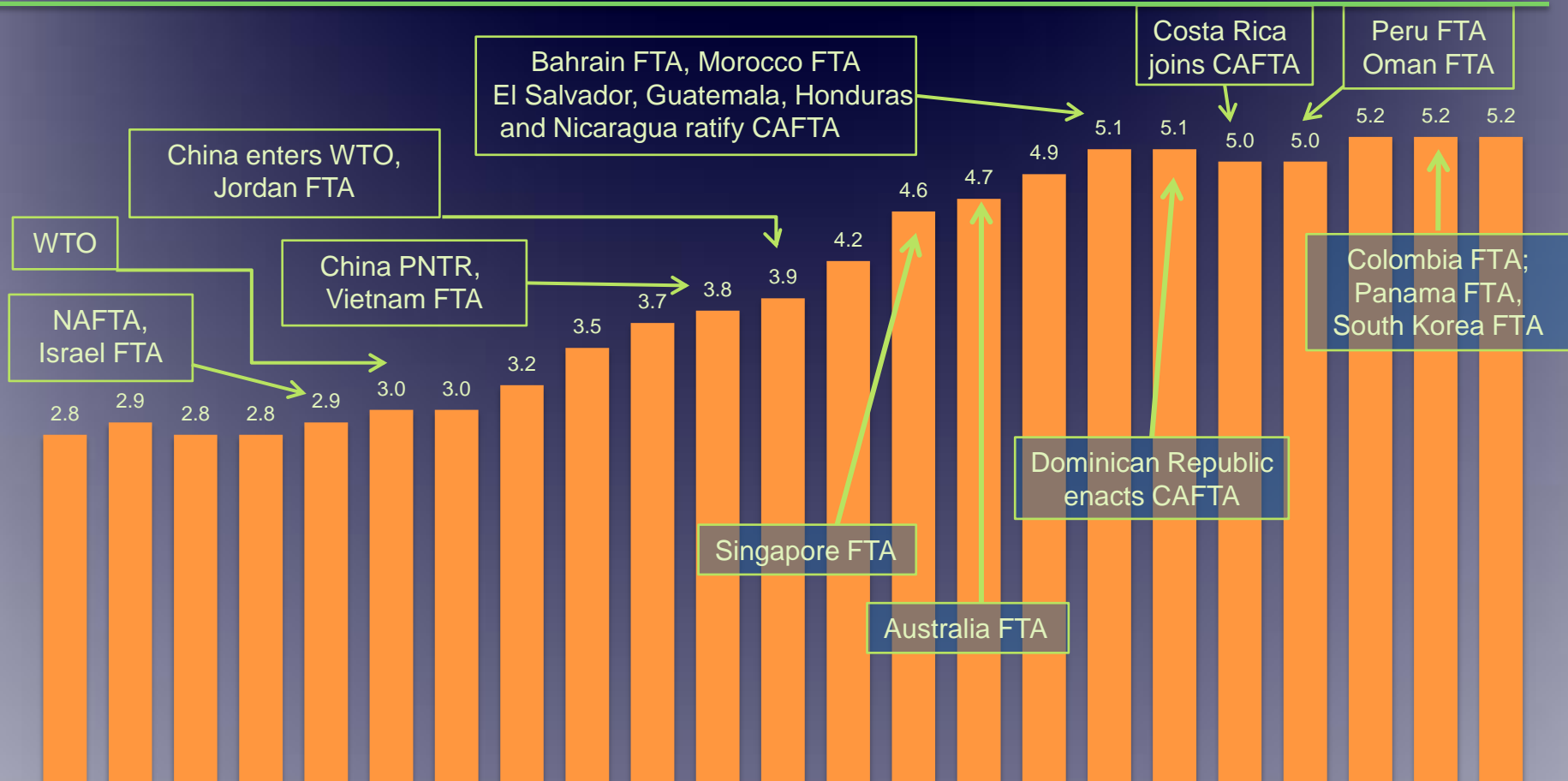
Tony Corbo
Senior Lobbyist
Food & Water Watch

Washington, DC
November 7, 2013



Total Fish & Seafood Imports

(imports in billions of pounds)



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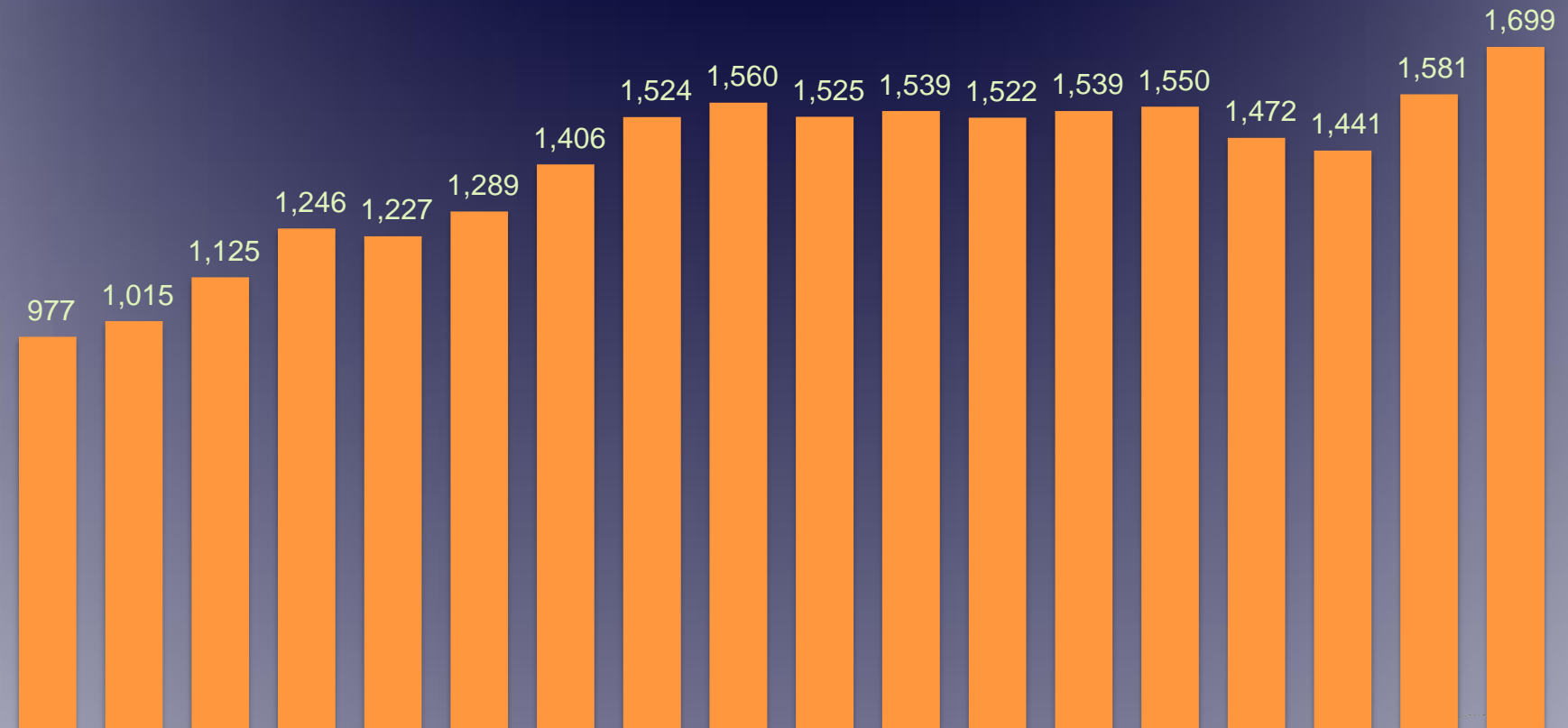


imports rose 76 percent 1995-2010 (post-NAFTA/WTO), compared to 46% increase 1980-1995 (data not shown)

Total TPP Fish & Seafood Imports

(millions of pounds)

Source: USDA Foreign Agriculture Service



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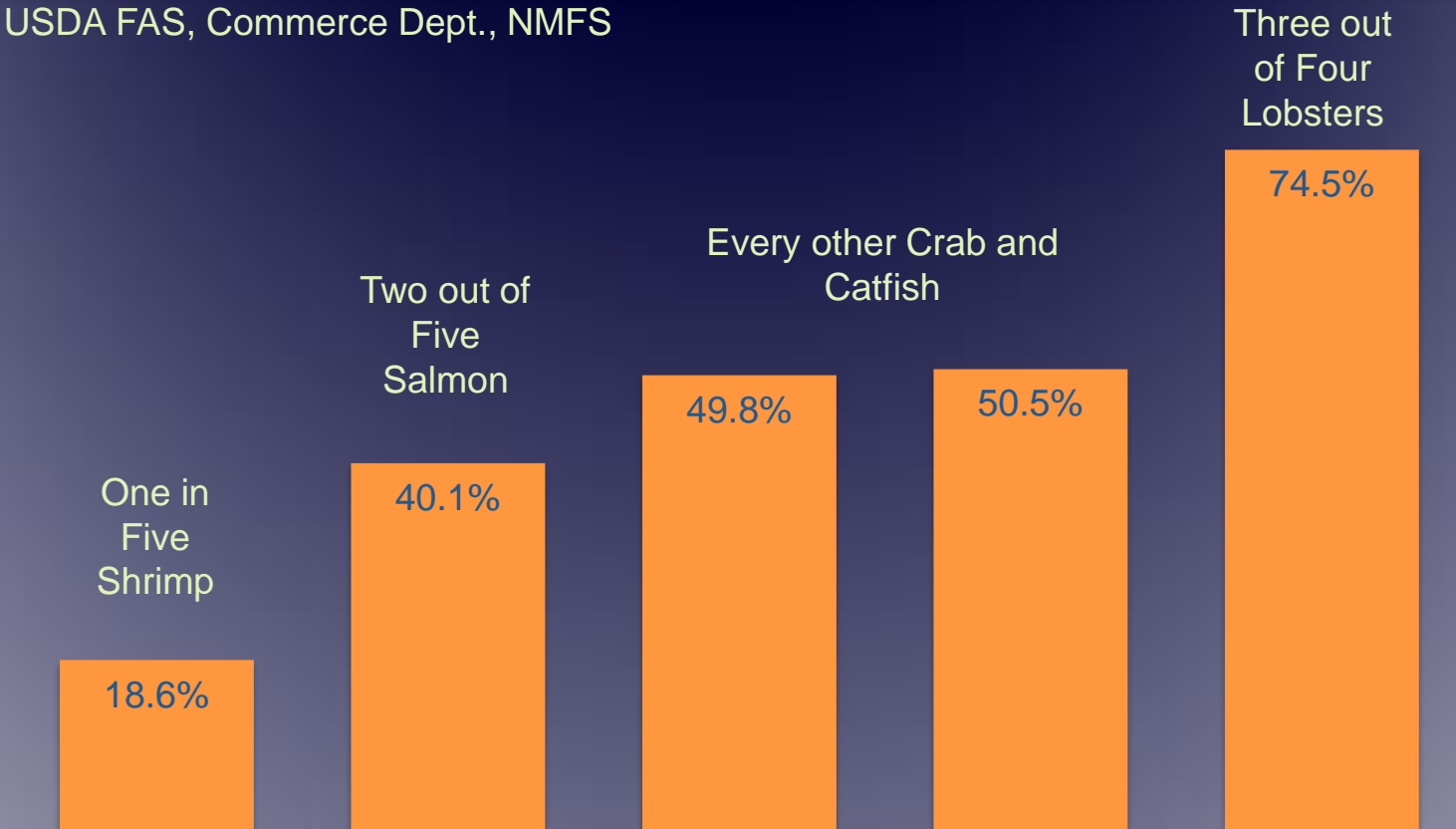


TPP fish and seafood imports constitute one-third of all U.S. imports

TPP Import Share of U.S. Consumption

(2011 data, catfish 2010)

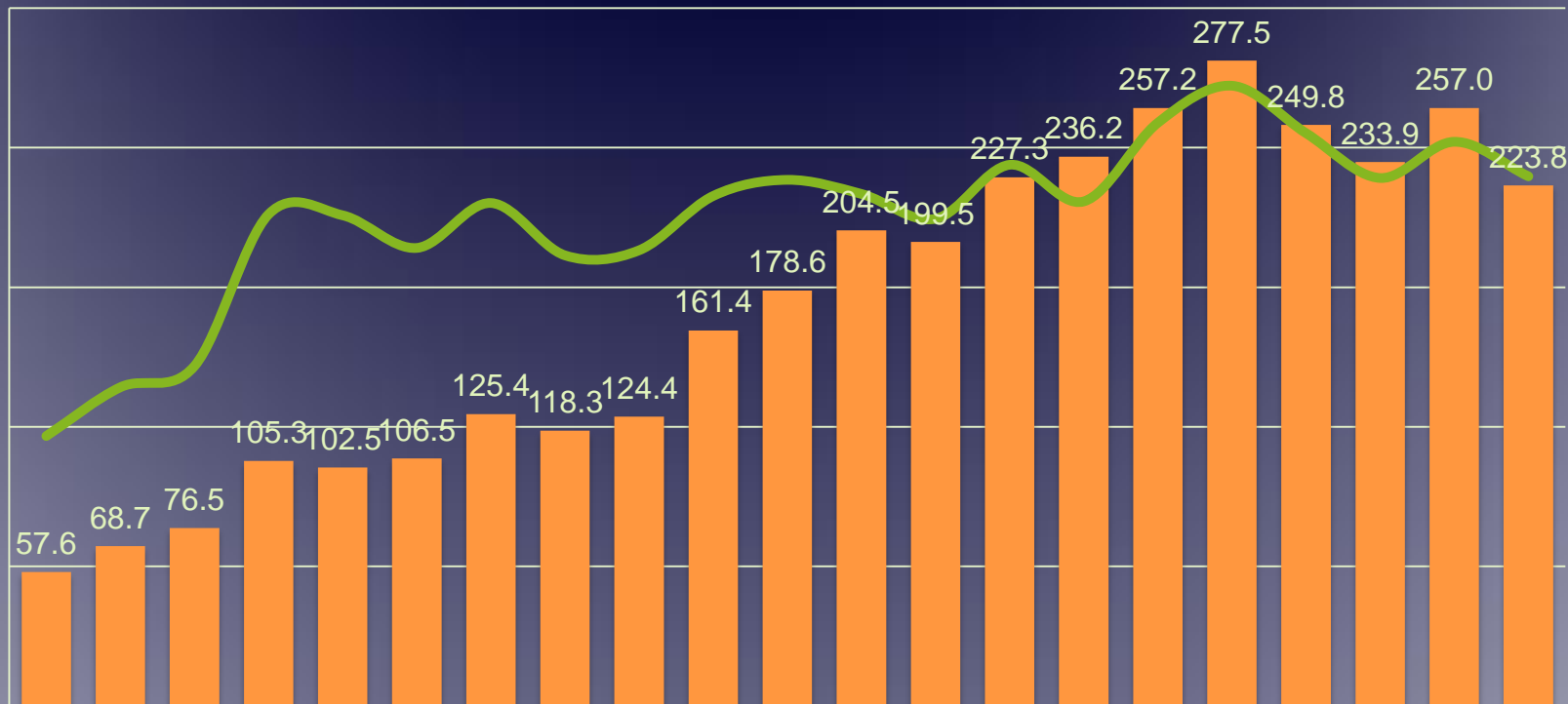
Source: USDA FAS, Commerce Dept., NMFS



TPP Shrimp Imports

(millions of pounds)

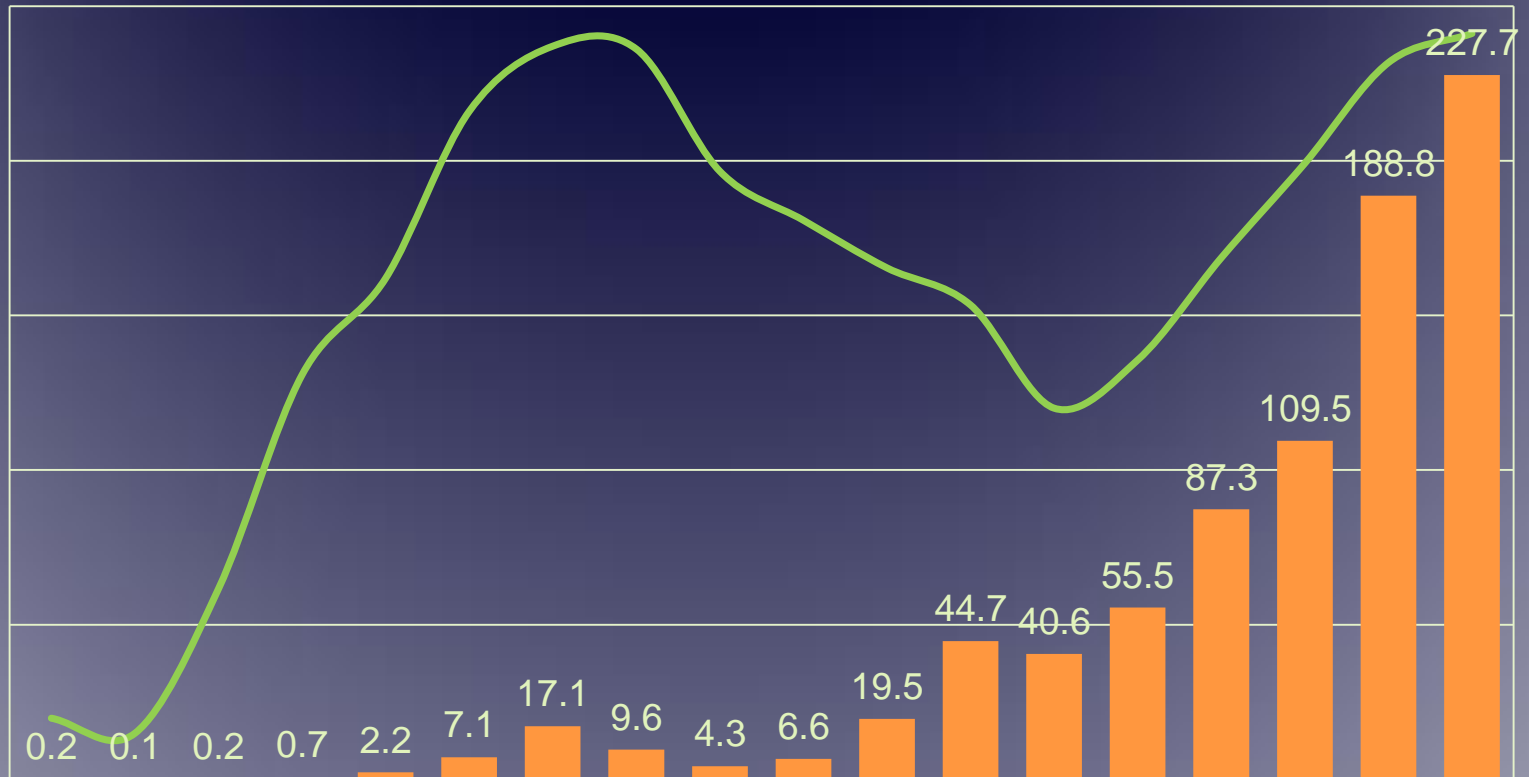
Source: USDA Foreign Agriculture Service



TPP Catfish Imports

(millions of pounds)

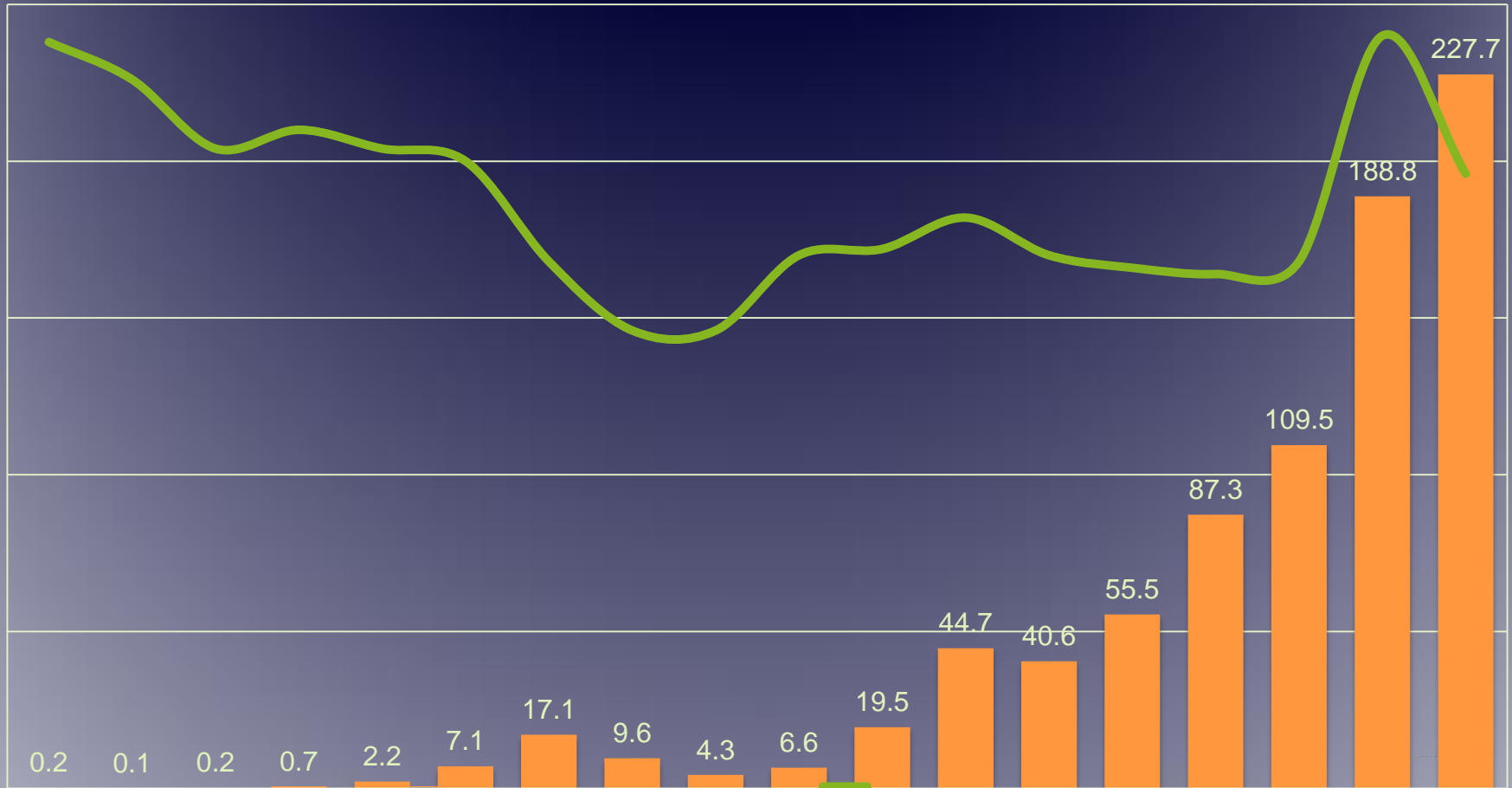
Source: USDA Foreign Agriculture Service



TPP Catfish Imports and Real Catfish Price

(price in 2012 dollars per pound, imports in millions of pounds)

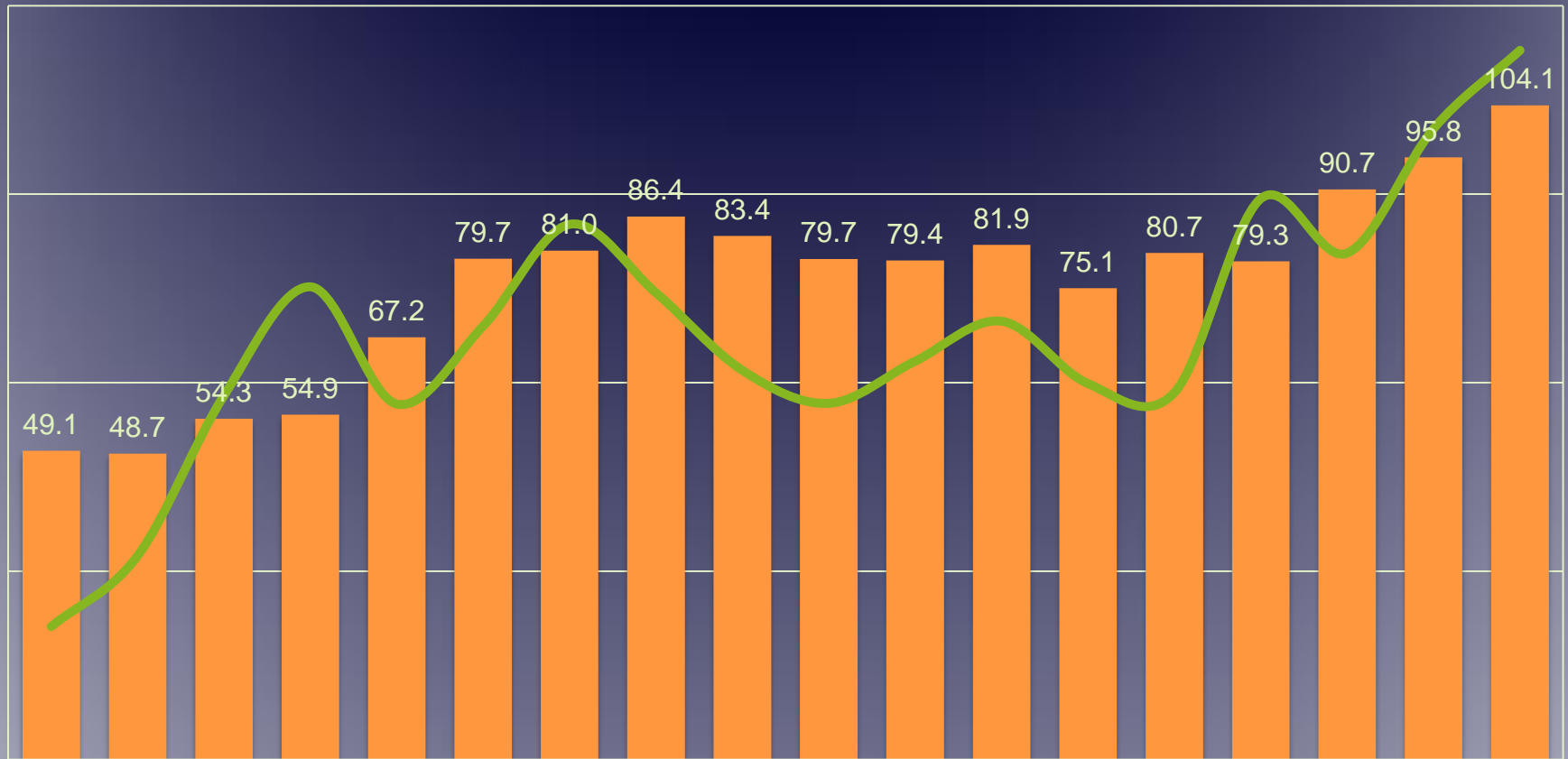
Source: USDA Foreign Agriculture Service, National Agricultural Statistical Service



TPP Lobster Imports (all types)

(millions of pounds)

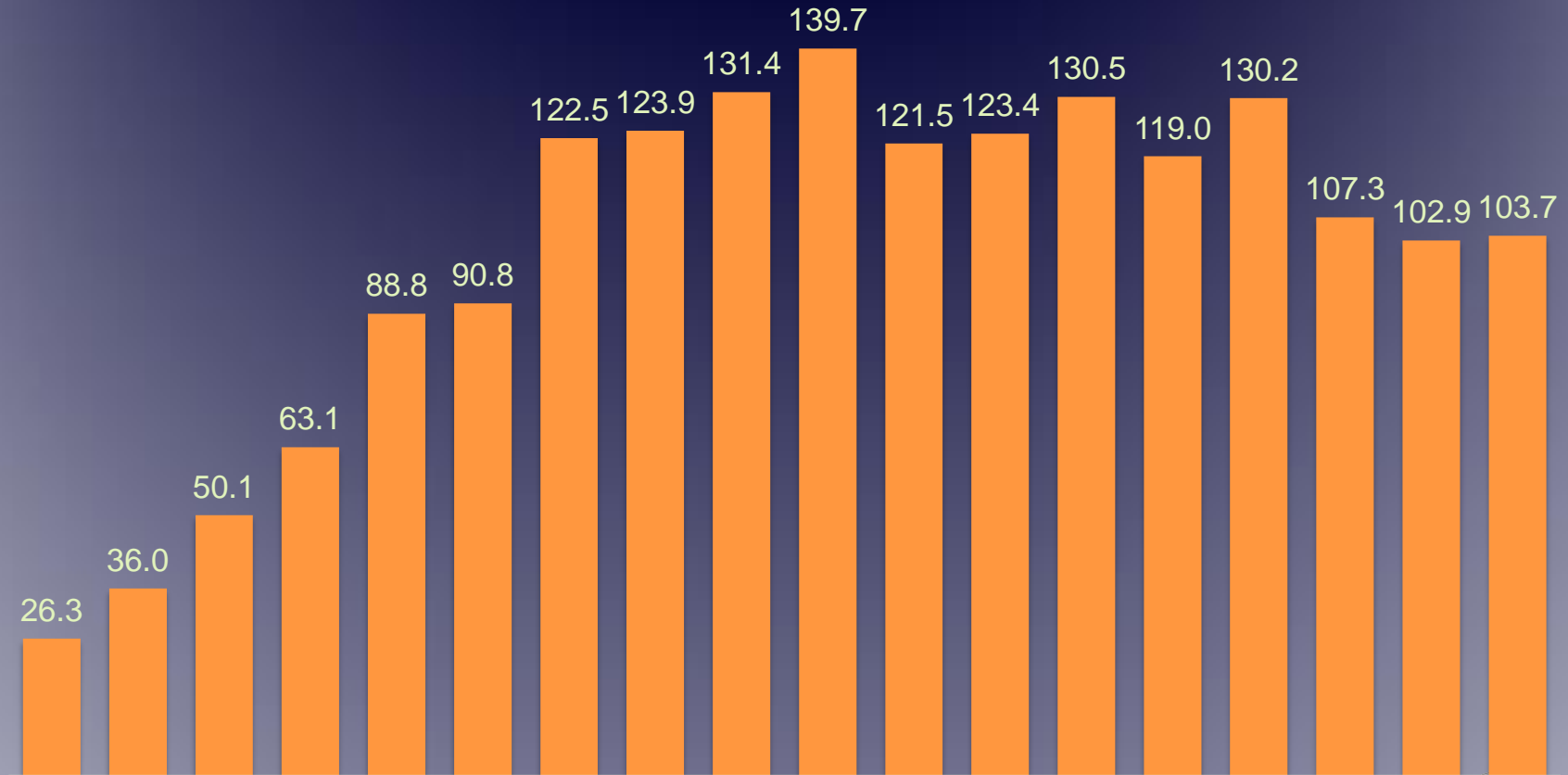
Source: USDA Foreign Agriculture Service



TPP Crab Imports

(millions of pounds)

Source: USDA Foreign Agriculture Service



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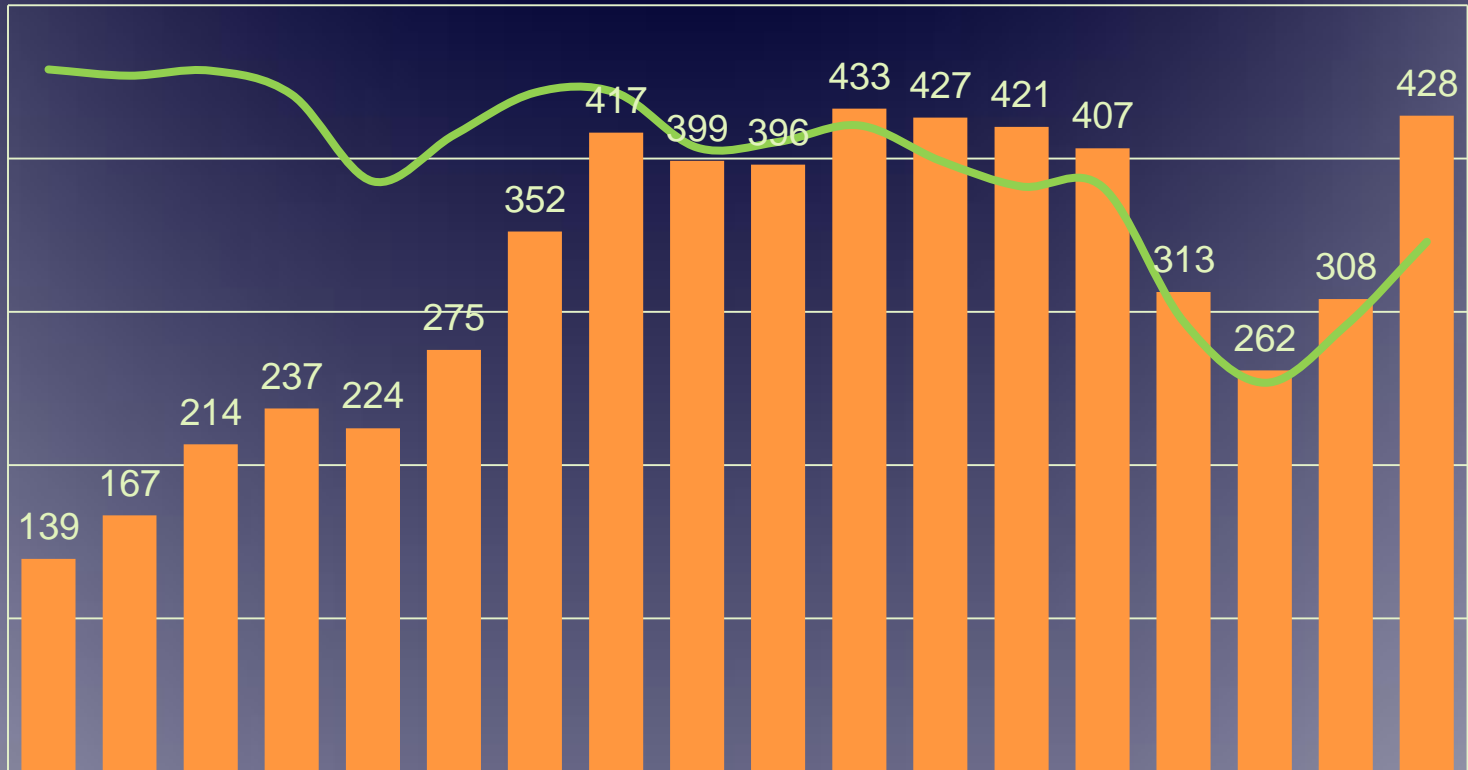


TPP crab imports represent about half of all crab imports to the United States.

TPP Salmon Imports

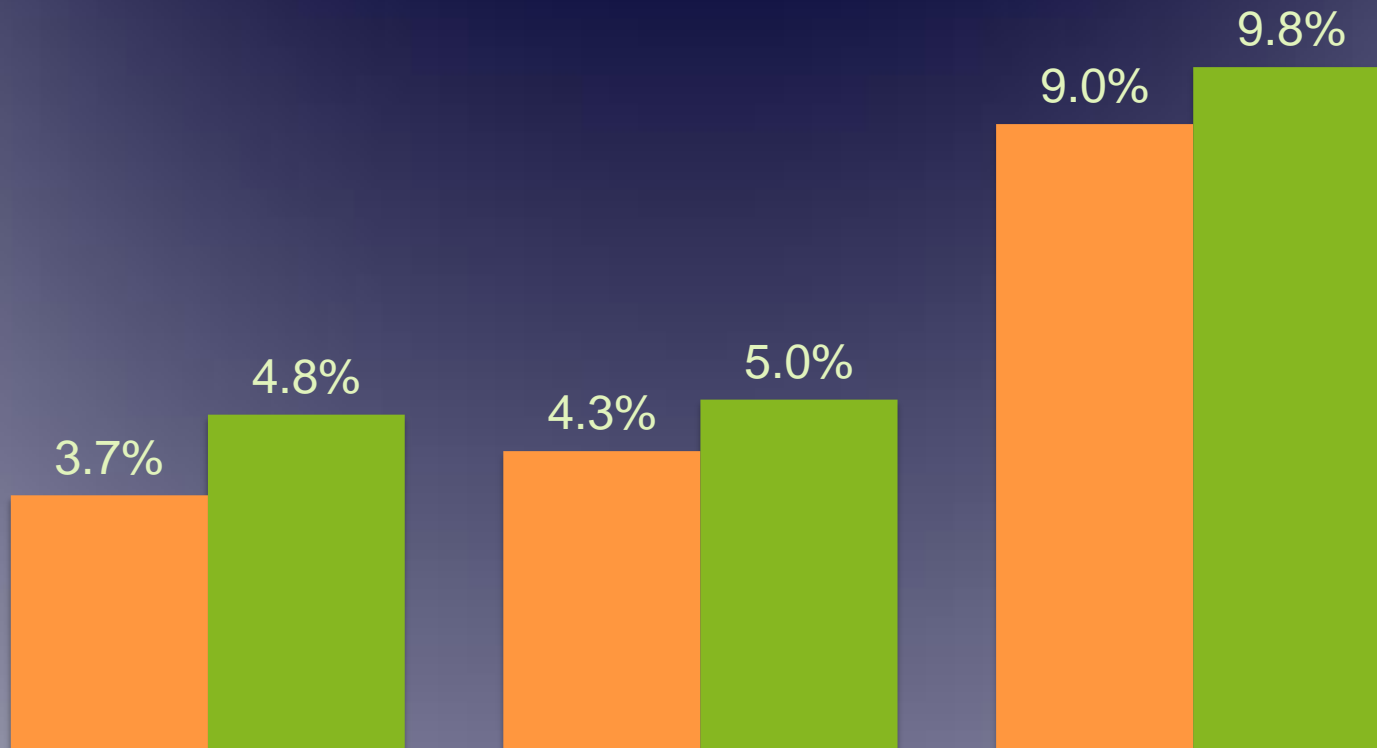
(millions of pounds)

Source: USDA Foreign Agriculture Service



Average Annual Growth in Imported Seafood 1995-2012

Source: USDA Foreign Agriculture Service



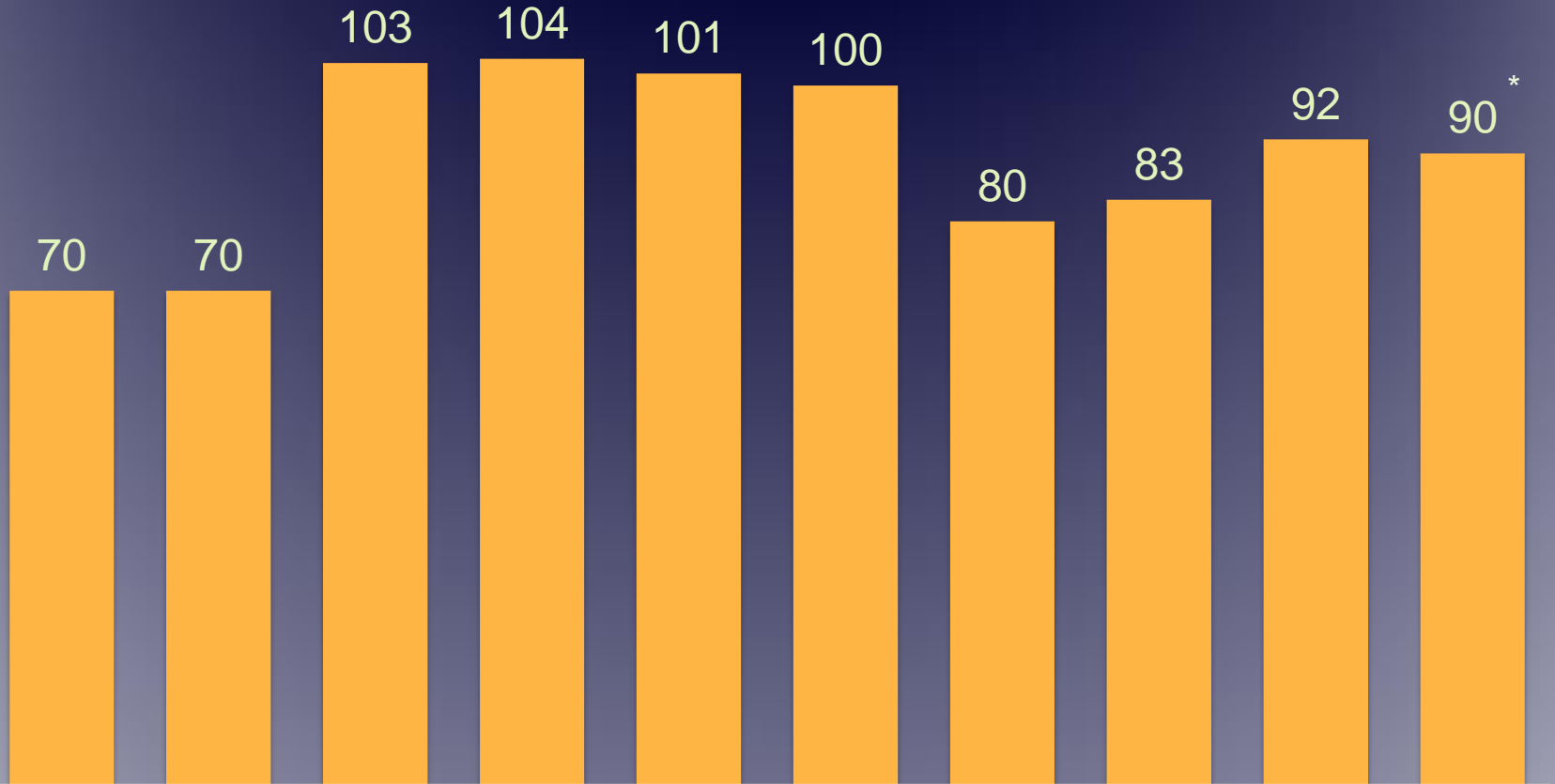
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FDA Seafood Border Inspectors

(Full-time equivalent)

Source: F&WW/FDA Workplans



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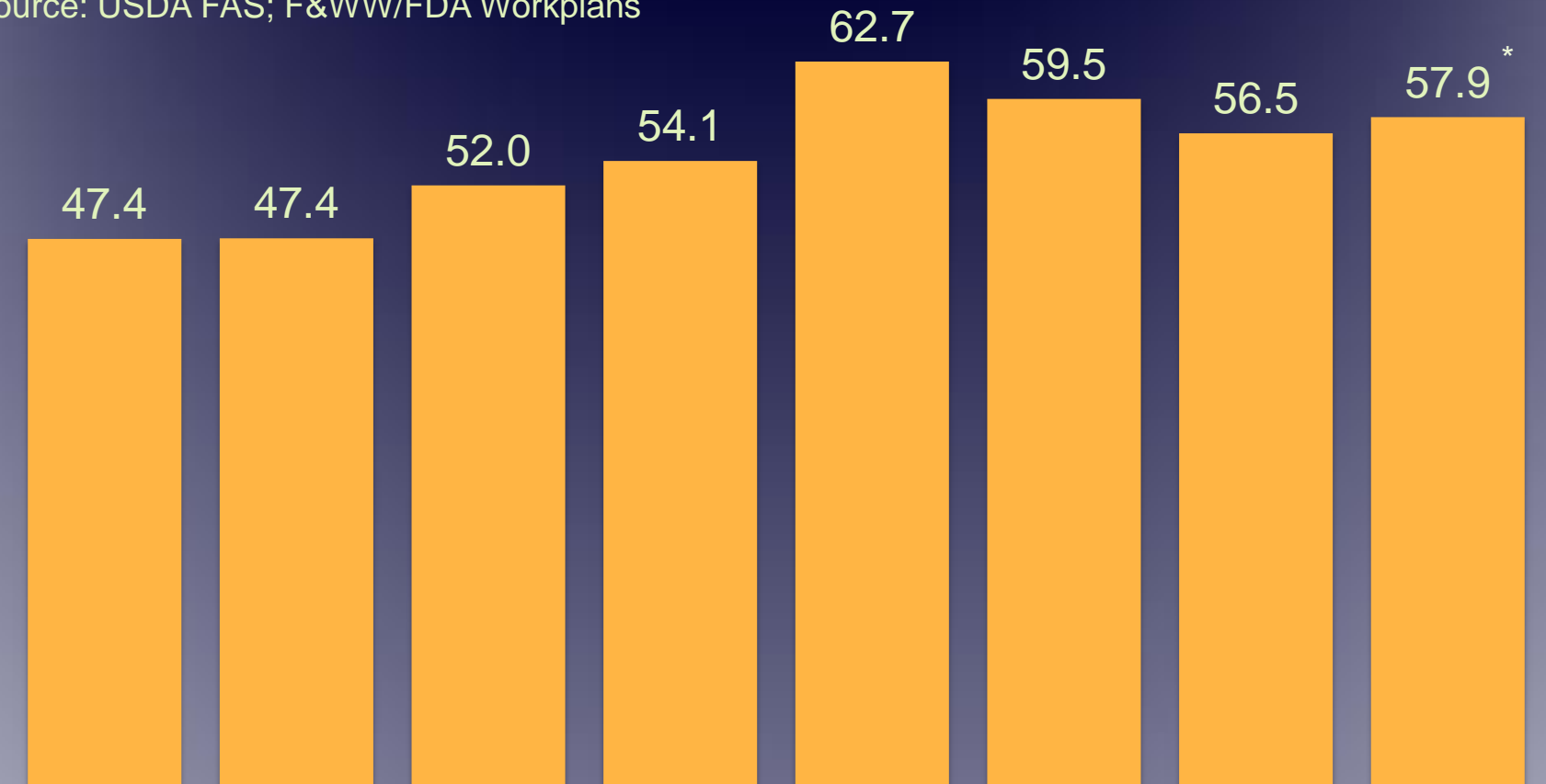
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* 2011 figure represents budgetary request.

Annual Fish Examined Per Inspector

(millions of pounds)

Source: USDA FAS; F&WW/FDA Workplans



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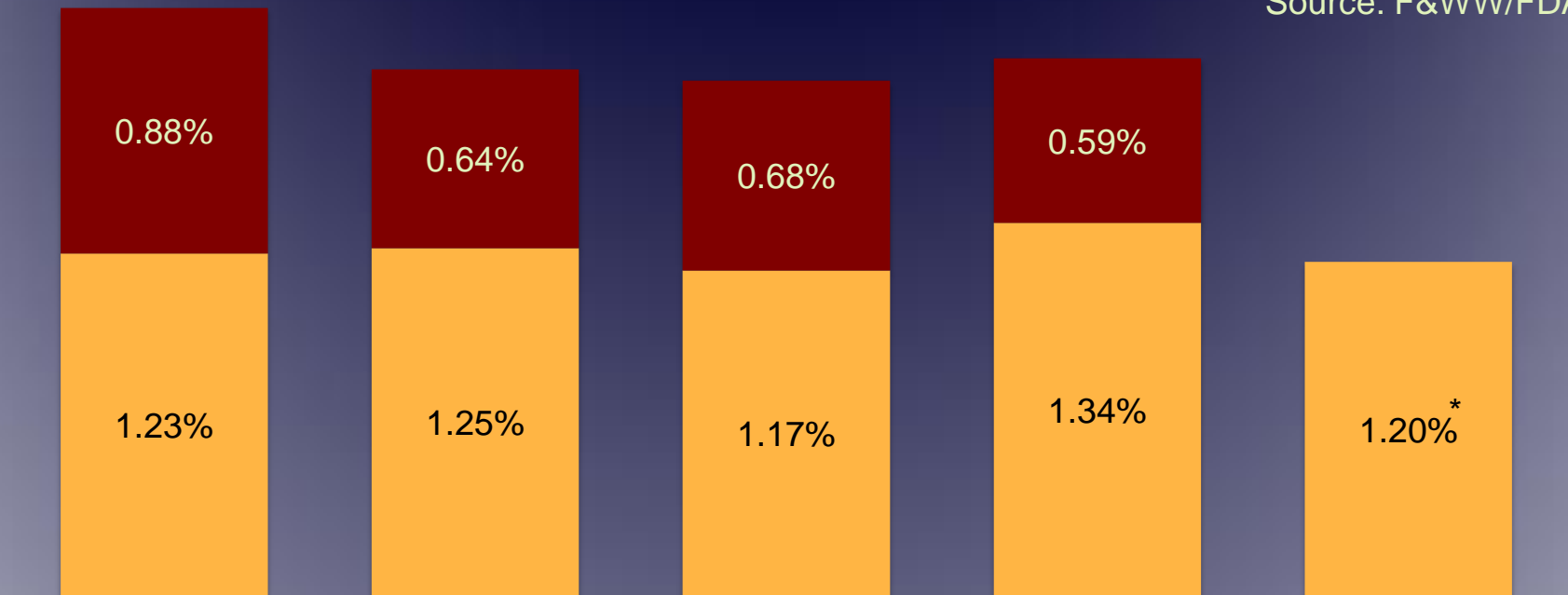
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* 2011 figure represents budgetary request.

FDA Seafood Inspection & Laboratory Sample Rate

(Percentage of shipments)

Source: F&WW/FDA



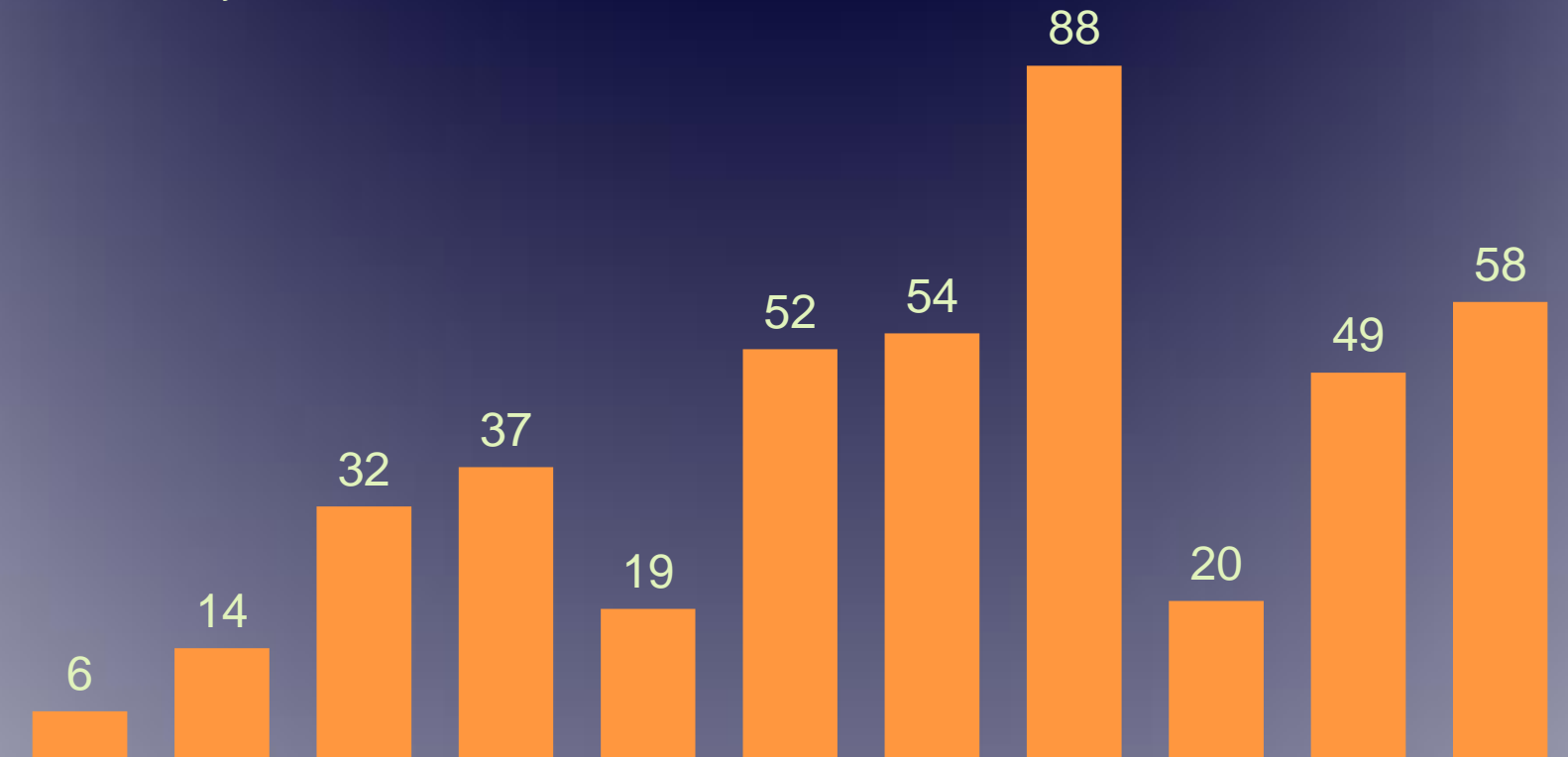
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* 2007 figure includes border and laboratory inspections

FDA Fish Refusals for Illegal Antibiotics, Drugs & Chemicals from TPP Countries

Source: F&WW analysis of FDA data



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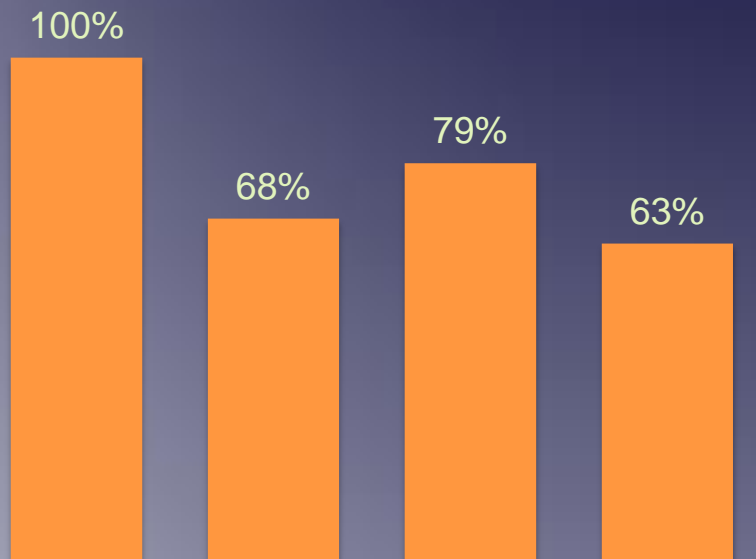
Chemicals Tested for by FDA

Chemical	Year FDA Started Testing	Human Health Hazards	Common Aquaculture Fish
Chloramphenicol (AB)	2002	Aplastic anemia, potential carcinogen, antibiotic resistance	Shrimp, crab, crayfish
Nitrofurans (AB)	2004	Potential carcinogen, antibiotic resistance	Shrimp
Quinolones (AB)	2003/2004	Antibiotic resistance	Catfish, salmon, shrimp, tilapia
Malachite Green (AF)	2005	Potential carcinogen	Catfish, eel, salmon
Gentian Violet (AF)	2006	Potential carcinogen	Catfish, eel, salmon

All Vietnamese Catfish, Majority of Shrimp Farms Use Banned Chemicals

Source: Rico et al. 2013

Percent of Fish Farms Using Antibiotics, Disinfectants, Parasiticides



Banned substances at Vietnamese catfish farms included:

Enrofloxacin	Penicillins
Doxycycline	Rifamycins
Cephalosporins	Anonoglycosides
Quinolones	Amphenicols
Polymyxin	Diaminopyrimidines

PLUS carcinogens

Malachite green and Crystal violet

Other Food Safety Issues

- ✿ “Harmonization” and “equivalence” → privatized meat inspection in U.S. and abroad
- ✿ USDA certified equivalent privatized inspection beef plants exported tainted meat (*Washington Post*, 9/20/13)
 - ✿ USDA rejected 11 shipments of Australian beef for visible fecal matter in past 2 years;
 - ✿ Canadian plant exported 2.2 million pounds of e-coli tainted ground beef in 2012
- ✿ In U.S., 3 of 5 hog processing plants in pilot privatized inspection among “10 worst offenders” for health and safety violations (*Washington Post*, 9-8-13)