

A large indoor chicken farm with many white chickens on a dark floor under yellow lights.

Presented in Committee September 27, 2017

Antibiotic Resistance: Taking Local Action

“Antibiotic resistance is one of the top five threats to public health.”



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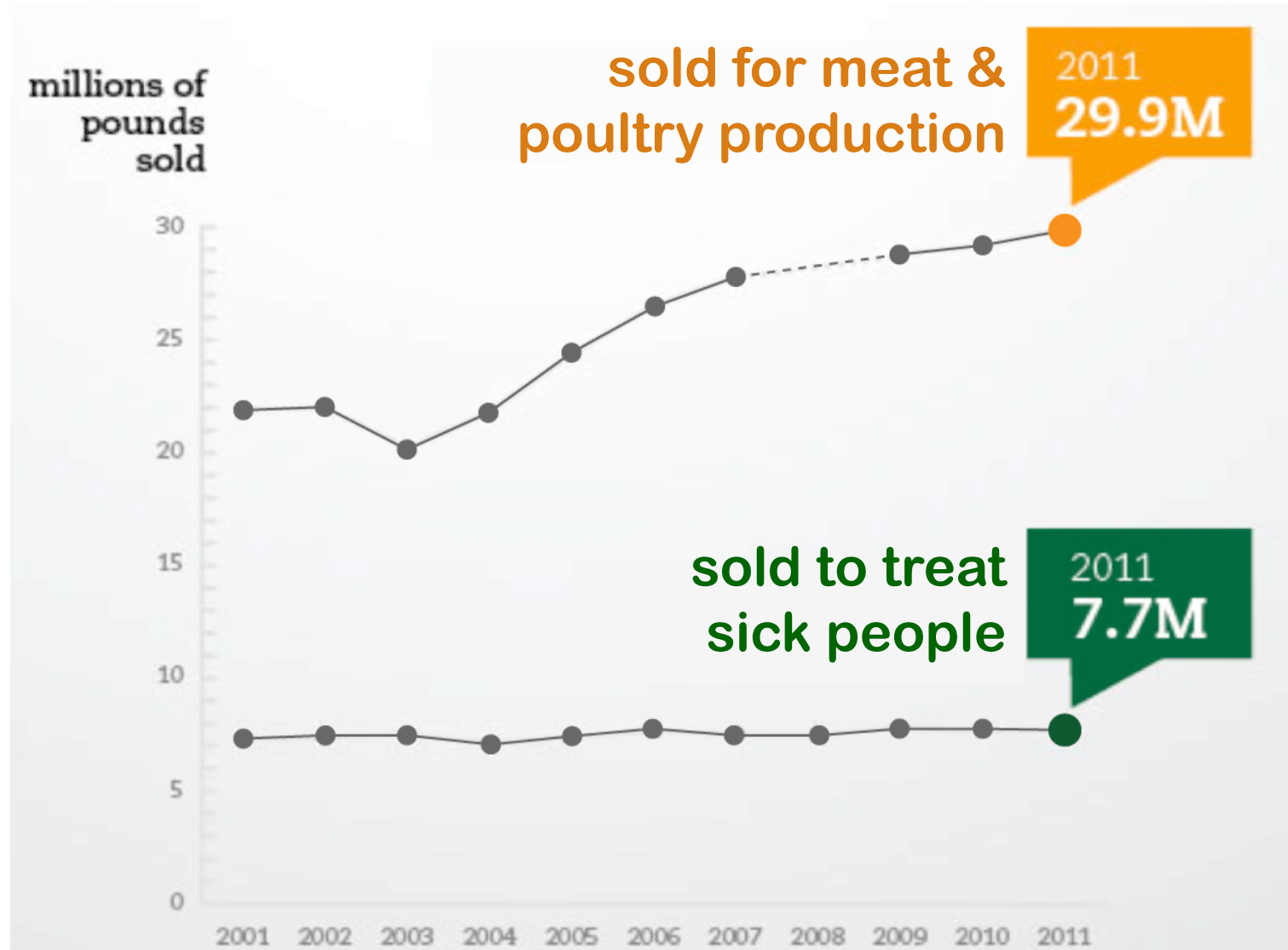
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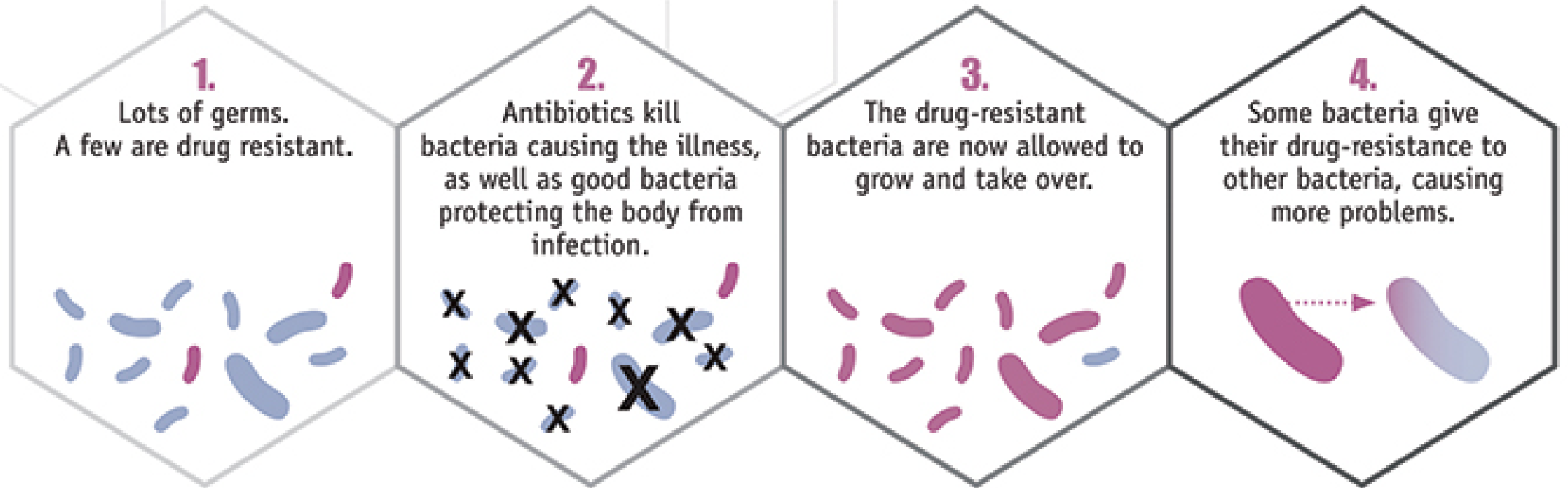
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\$55
BILLION
LOST DUE
TO EXCESS
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AND LOST
PRODUCTIVITY.

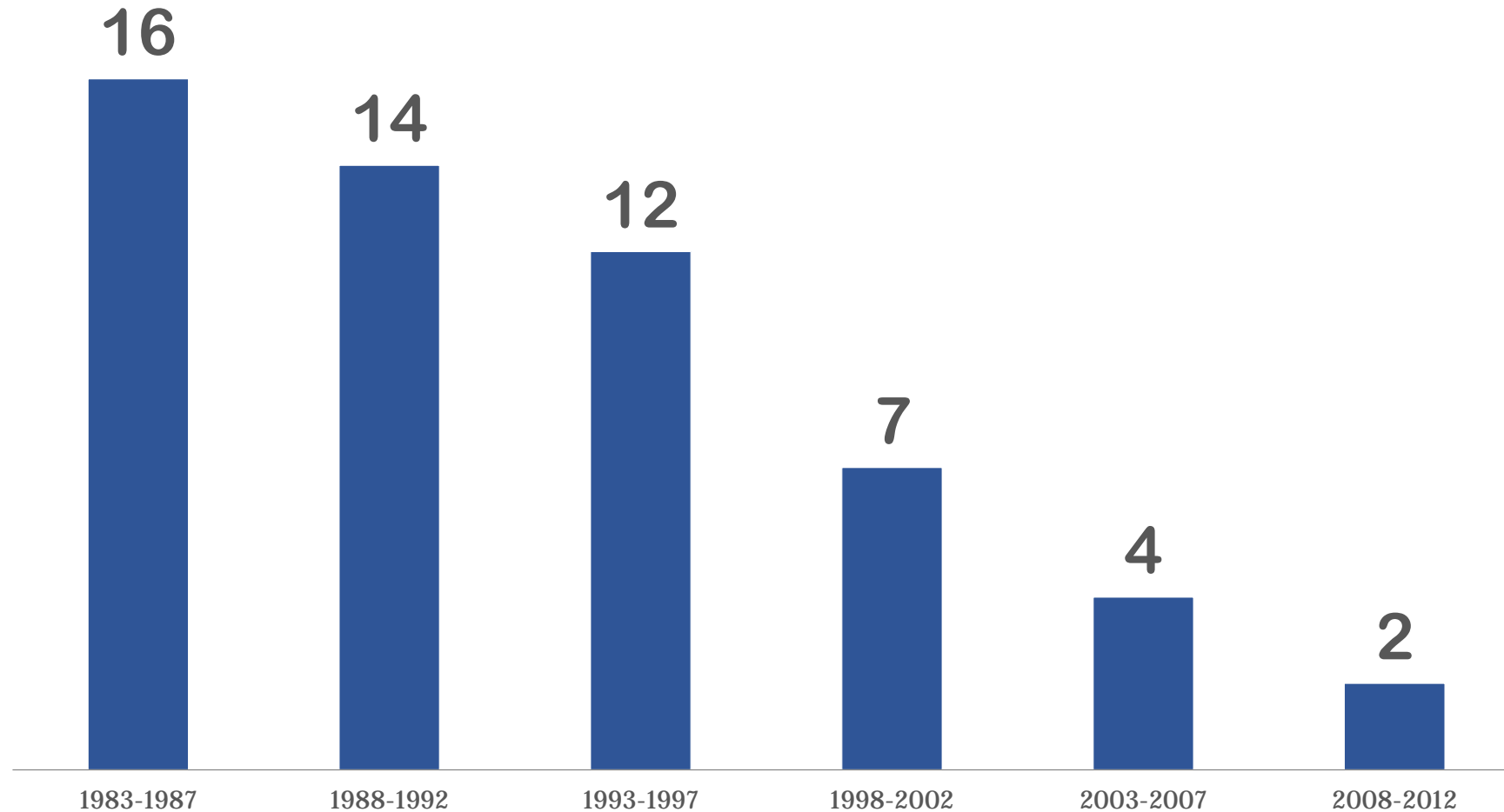
80% of Antibiotics Sold for Livestock Use



Overuse Accelerates Resistance



Fewer New Antibiotics Being Developed



Source: Infectious Diseases Society of America (IDSA) Clin Infect Dis. 2011;52:S397-S428, <http://www.tufts.edu/med/apua/news/news-newsletter-vol-30-no-1-2.shtml>

Superbugs On Retail Meat & Poultry

Frequency of bacteria resistant to three or more classes of antibiotics on retail chicken (2012)

Resistant Bacterium	% chicken samples positive
<i>Campylobacter jejuni</i>	2%
<i>Enterococci</i>	47%
<i>E. coli</i>	24%
<i>Salmonella</i>	6%

Antibiotics Uses

- ✓ Treat disease
- ✓ Control disease outbreak
- X Prevent disease
- X Promote growth



Gaps in Federal Law

A close-up photograph of a pig with white and brown patches, looking over a wooden fence. The pig's face is the central focus, with its large, pinkish snout and expressive eyes. The background is slightly blurred, showing other pigs and the structure of a farm.

FDA Guidance #213

- ✓ No antibiotic use for growth promotion
- ✓ Veterinary oversight of antibiotics use

Gaps in Federal Law

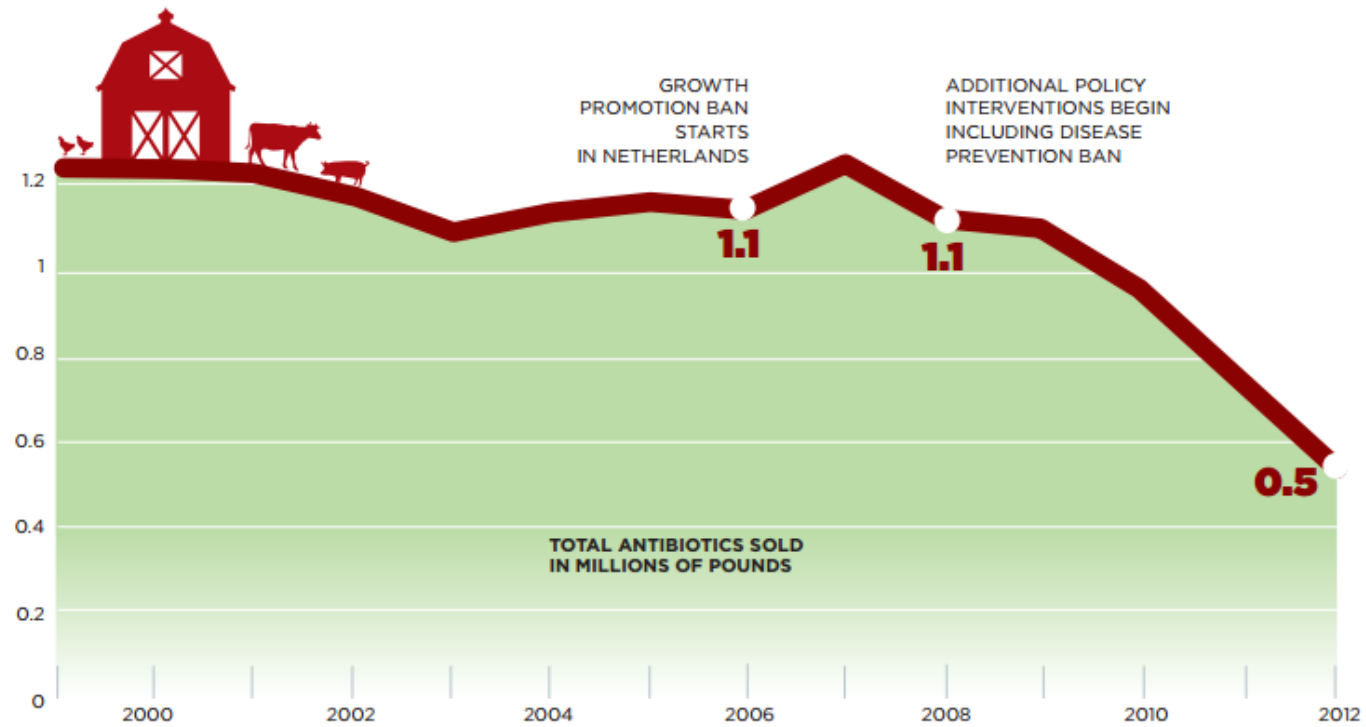
A close-up photograph of a pig with white and brown patches, looking over a wooden fence. The pig's face is the central focus, with its large pink nose and dark eyes clearly visible. The background is slightly blurred, showing other pigs and the structure of a farm.

FDA Guidance #213

- ✓ No antibiotic use for growth promotion
- ✓ Veterinary oversight of antibiotics use
- X Use still allowed for disease prevention
- X No tracking or reduction targets

Ending Growth Promotion Not Enough

Netherlands



Senate Bill 27 is An Important Step

- Requires veterinary oversight
- Prohibits growth promotion and “regular pattern” of use for disease prevention
- Requires CDFA to collect information about use and antimicrobial resistance in CA
- Applies only to animals raised in CA



Market Shift



Local Leadership



Local Leadership

Consumer
Right to Know

City
Procurement



Consumer Right to Know



Stores with 25 Outlets Anywhere

- Safeway
- Whole Foods
- Costco
- Lucky Supermarket
- Trader Joe's
- Walgreens
- Target
- Grocery Outlet
- Bristol Farms
- Cash & Carry
- Foods Co
- CVS

City Procurement



Broad Support

- NRDC
- SF Marin Medical Society
- Prevention Institute
- Clean Water Action
- Physicians for Social Responsibility
- CALPIRG
- Healthcare Without Harm
- Environmental Working Group
- Food Chain Workers Alliance
- Keep Antibiotics Working Coalition
- Roots of Change
- Sierra Club
- The Antibiotic Resistance Action Center, Milken Institute School of Public Health, The George Washington University
- Numerous Individual Doctors and Scientists

Information for All

