

# 2018 Broiler Industry Issues

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President, American Veterinarians in Broiler Production

# About Me

- 12 years in broiler production
- Director, Veterinary Services at Wayne Farms
- President, AVBP
  - 2-year term

# AVBP

- Association of Veterinarians in Broiler Production
- Poultry veterinarians working with production companies
  - Graduated from veterinary school
  - Full-time salaried with broiler production company
  - Licensed in at least one state or board-certified by ACPV
  - Vote by membership

# Yearly Survey

## 1. Disease Issues

- Rank the issues facing your company
- Indicate the level of importance of each issue to your company

## 2. Non-Disease Issues

- Rank the issues facing your company
- Indicate the level of importance of each issue to your company

# Limitations

- Limited to the diseases listed (not open format)
- Significant diseases for one company may be weakened on the ranking/importance scale if no other companies experiencing.
- Some diseases need more clarity (i.e. coccidiosis)

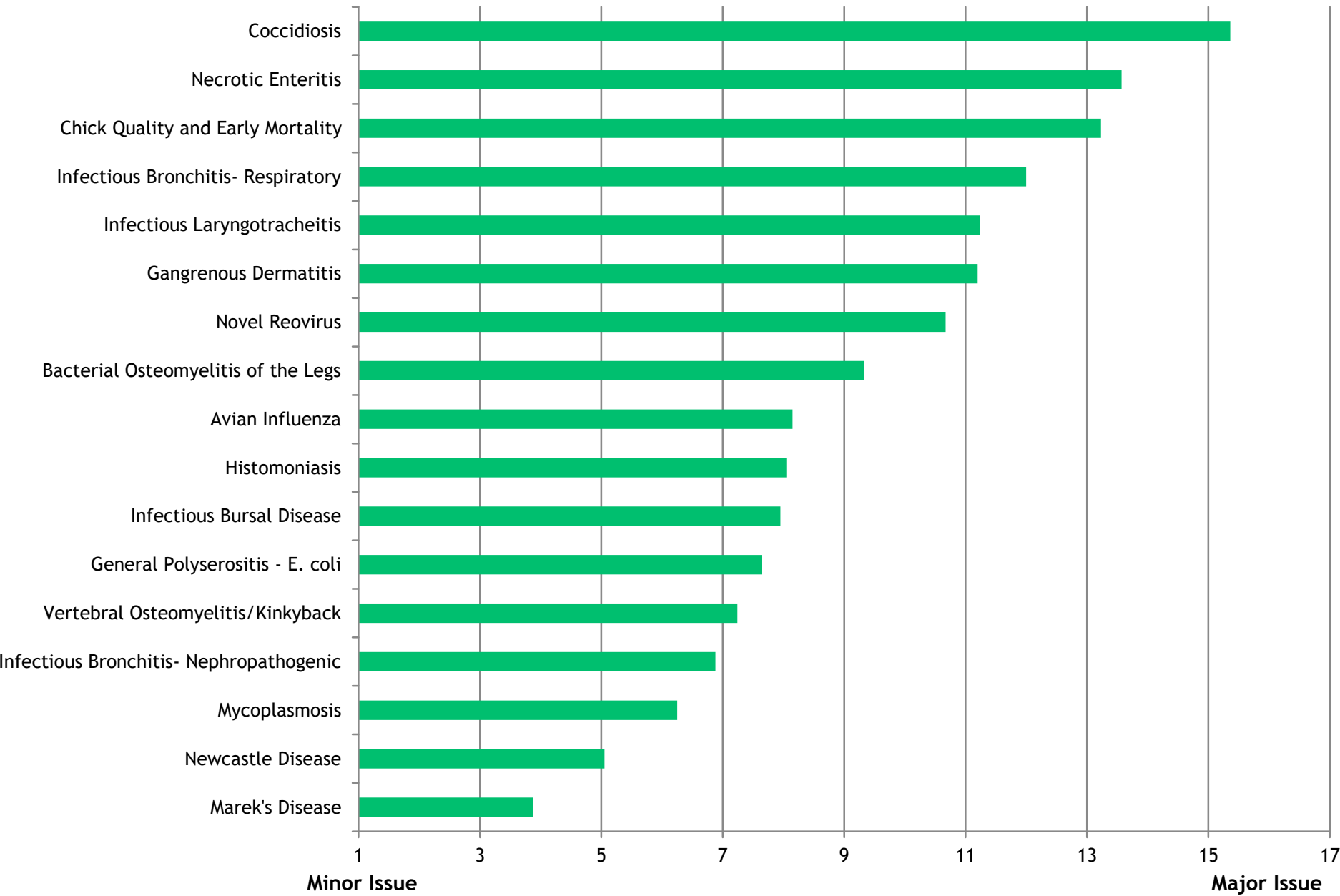
# 2018 Survey

- 22 respondents (*51% of membership\**)
  - \*Option 1 – Company representation
  - \*Option 2 – Geographical representation
- Estimated 142 million broilers processed per week represented (*~76% of US broiler market*)

# Disease Issues

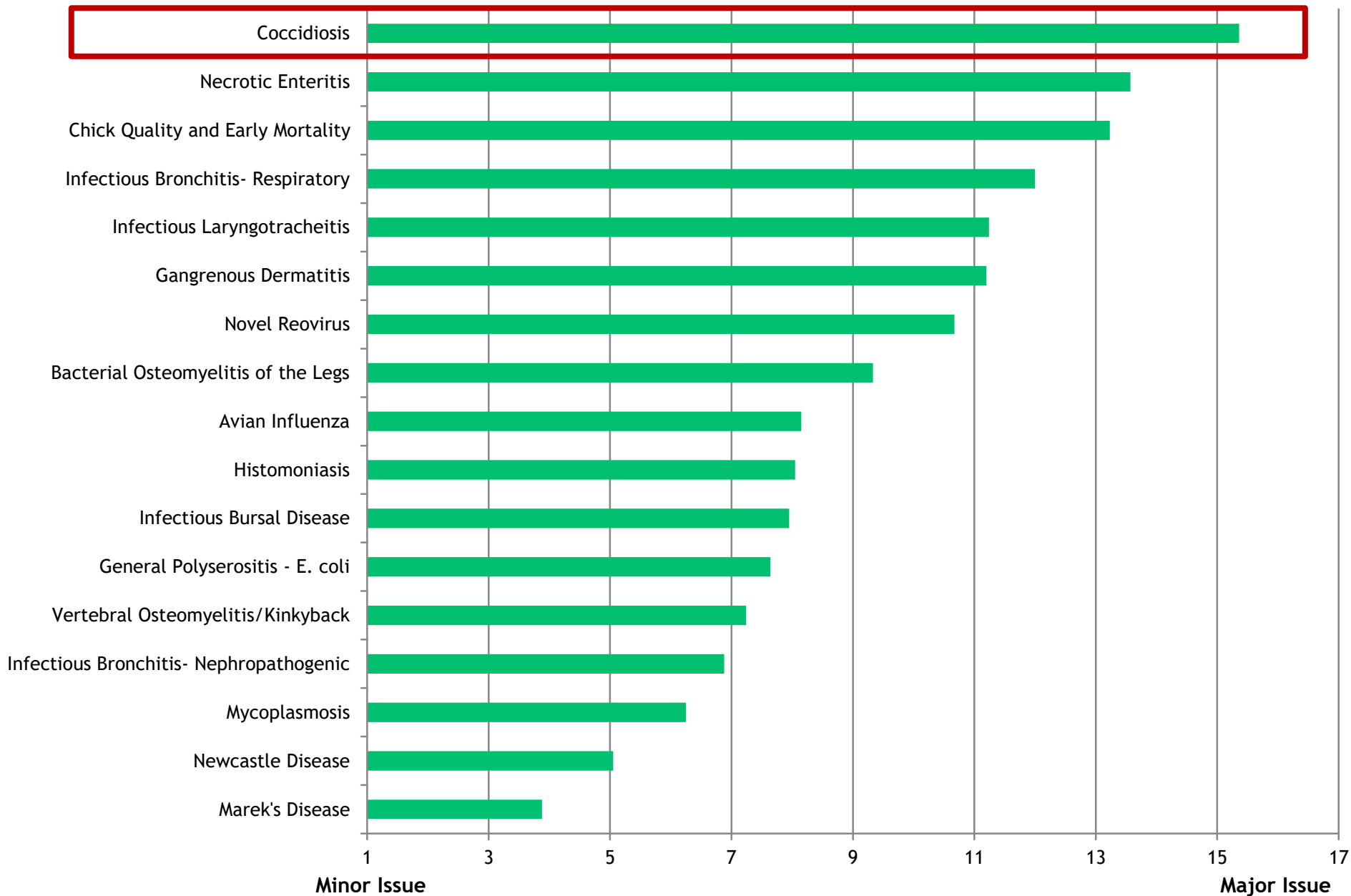
“Rank in Order of Significance to Your Company”

# Please rank these MAJOR disease issues in order of importance to you/your company?





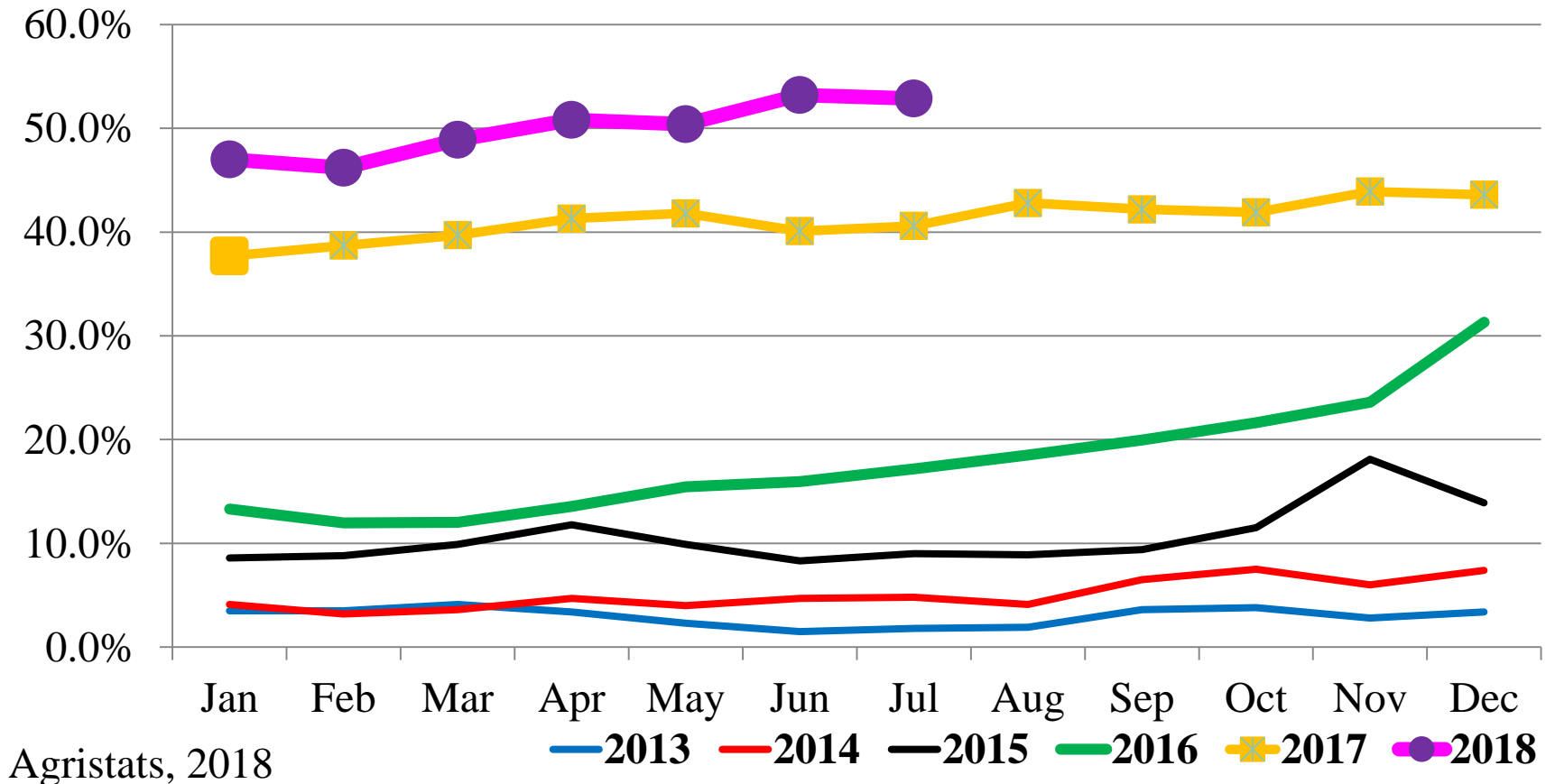
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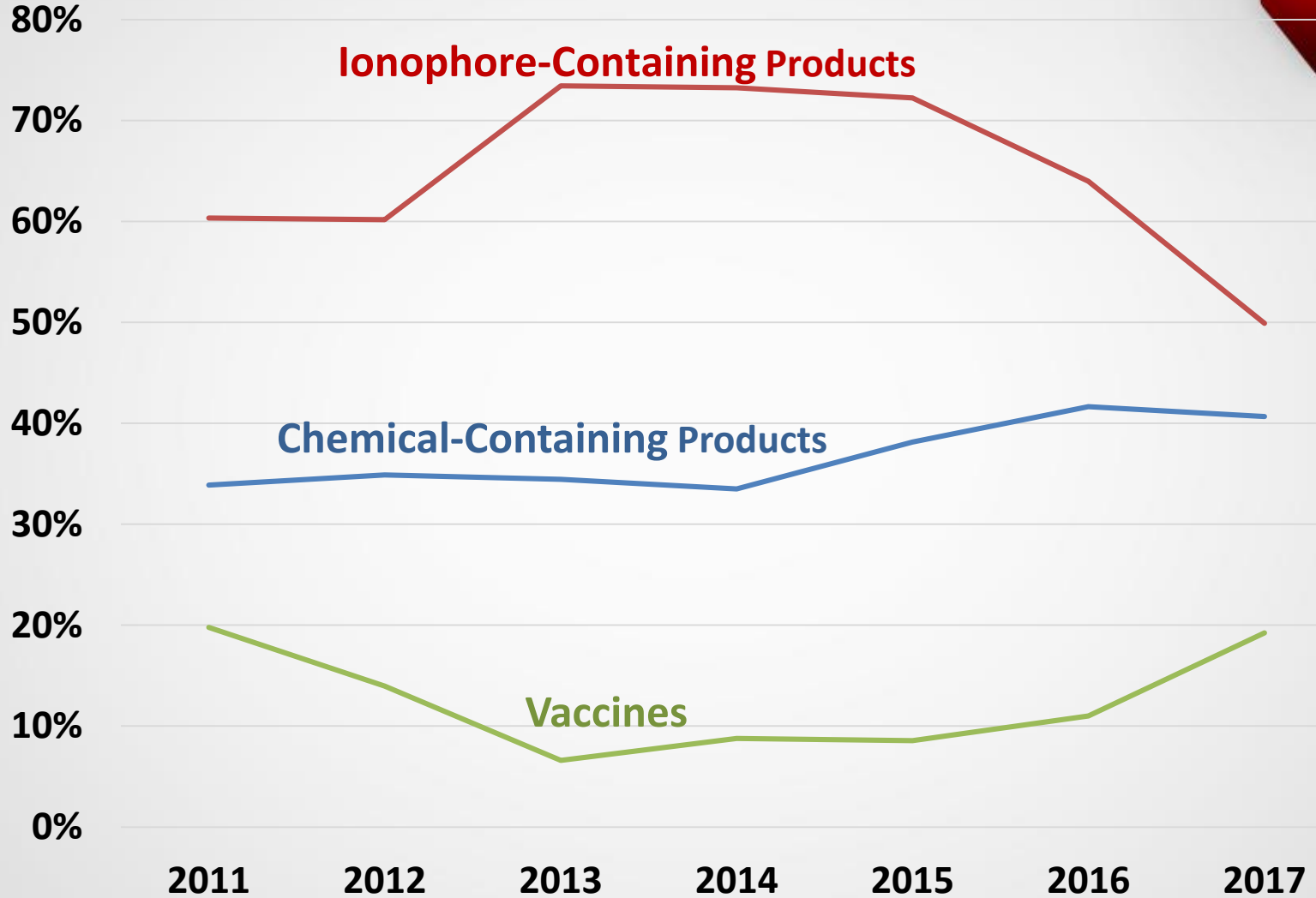
## Birds Grown by Feeding Program and Weight Range June 2018

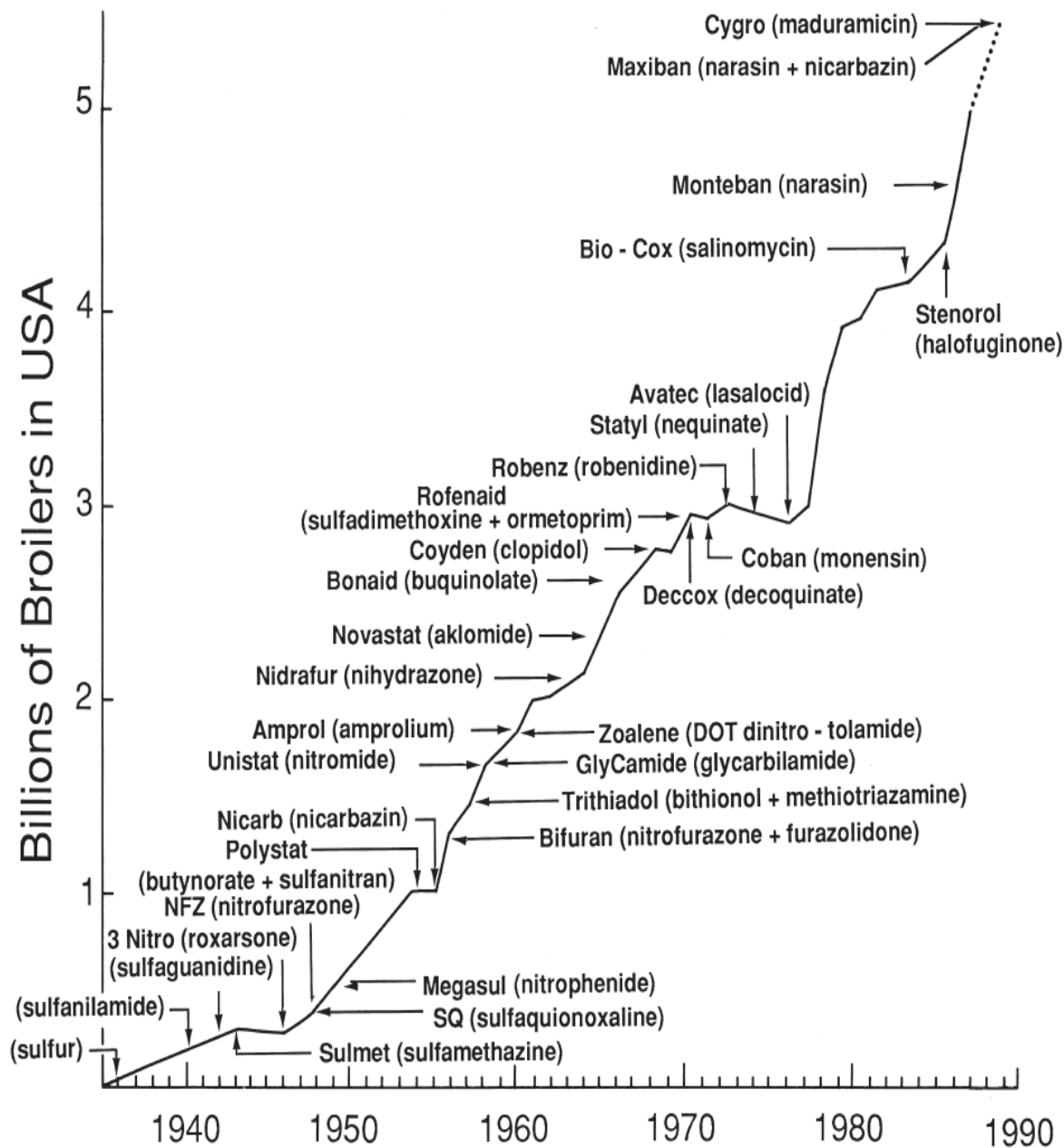
<b>Live Wt.</b>	<b>Total Birds</b>	<b>NAE Birds</b>	<b>% NAE</b>
<b>3.6 to 4.4</b>	<b>178,962,865</b>	<b>82,690,976</b>	<b>46.2%</b>
<b>4.4 to 5.2</b>	<b>60,443,125</b>	<b>48,012,860</b>	<b>79.4%</b>
<b>5.2 to 6.0</b>	<b>33,379,239</b>	<b>19,940,335</b>	<b>59.3%</b>
<b>6.0 to 6.8</b>	<b>115,846,344</b>	<b>79,594,586</b>	<b>57.7%</b>
<b>6.8 to 7.5</b>	<b>91,269,204</b>	<b>76,856,389</b>	<b>67.3%</b>
<b>7.5 to 8.5</b>	<b>28,413,945</b>	<b>12,019,046</b>	<b>42.3%</b>
<b>➤ 8.5</b>	<b>122,336,622</b>	<b>31,067,418</b>	<b>25.4%</b>

# Seasonal % of Birds fed without antibiotics important for human medicine or ionophores January 2013 through July 2018



## Class of Coccidiosis-Control Product: % of Feed Tonnage





**29.5. Broiler production (USDA figures) and year of introduction of new anticoccidial drugs. Generic names begin with lowercase letters, and trade names begin with capital letters. Diclazuril, not included on the chart, was the last approved product, in 1999.**

# Coccidiosis Control Product

## Vaccines

- Advent
- HPIII
- Coccivac B52
- Inovocox

## Ionophores

- Salinomycin
- Lasalocid
- Monensin
- Narasin
- Narasin/Nicarbazin

## “Chemicals”

- Clopidol
- Nicarbazin
- Decoquinate
- Robenidine
- Zoalene
- Amprolium
- Diclazuril

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## Vaccines

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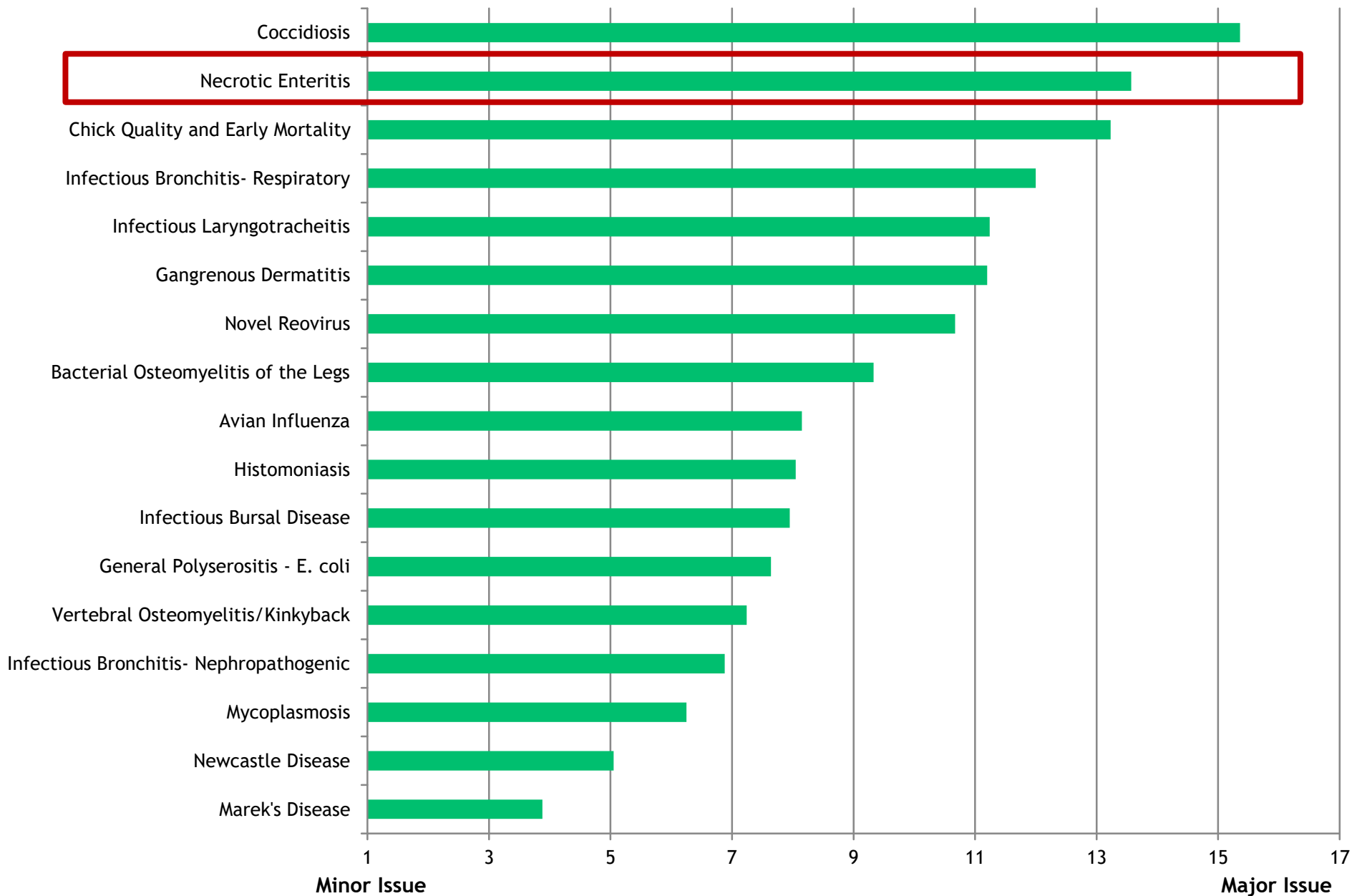


- Monensin
- Lasalocid
- Narasin
- Narasin

## “Chemicals”

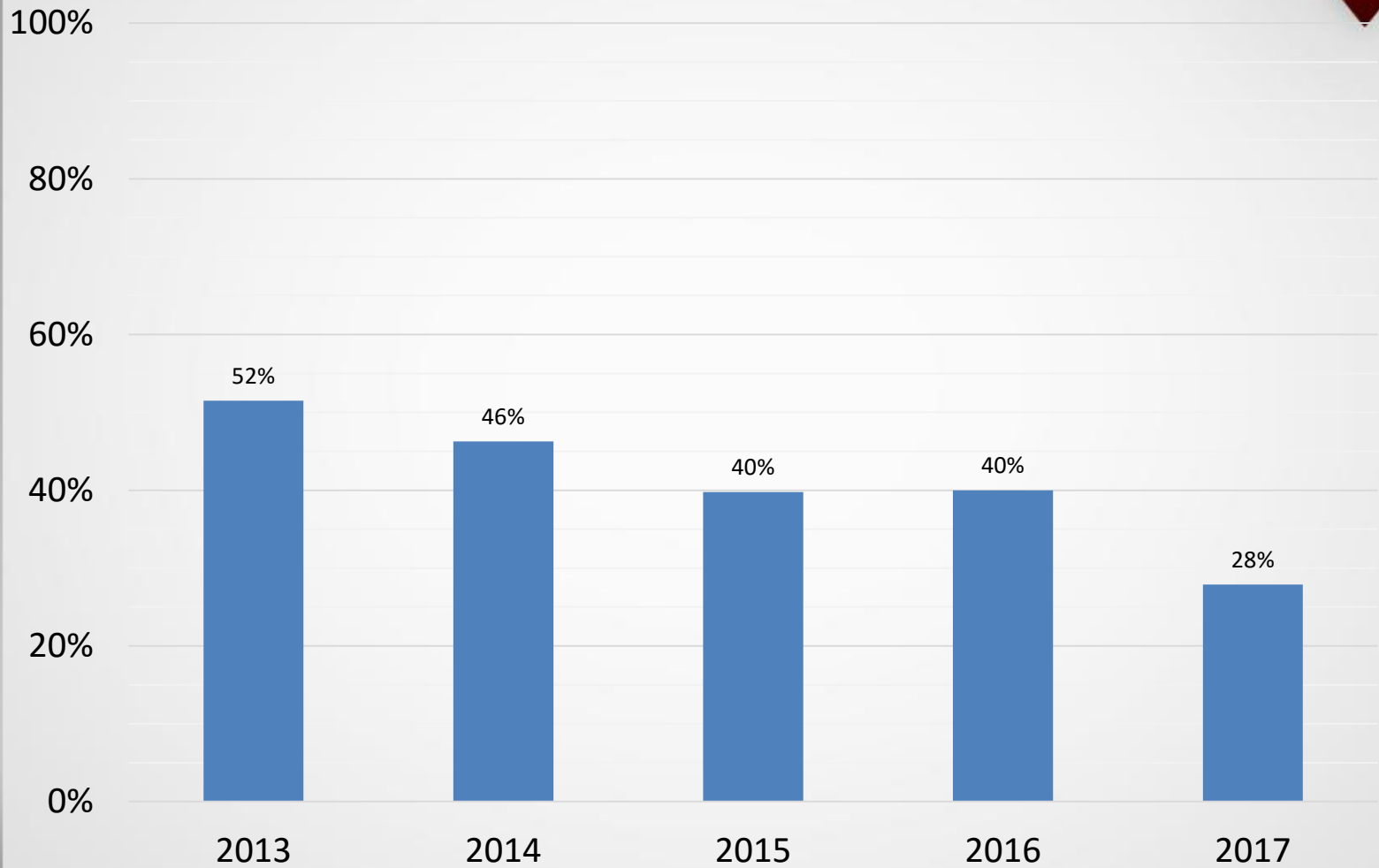
- Clopidol
- Nicarbazin
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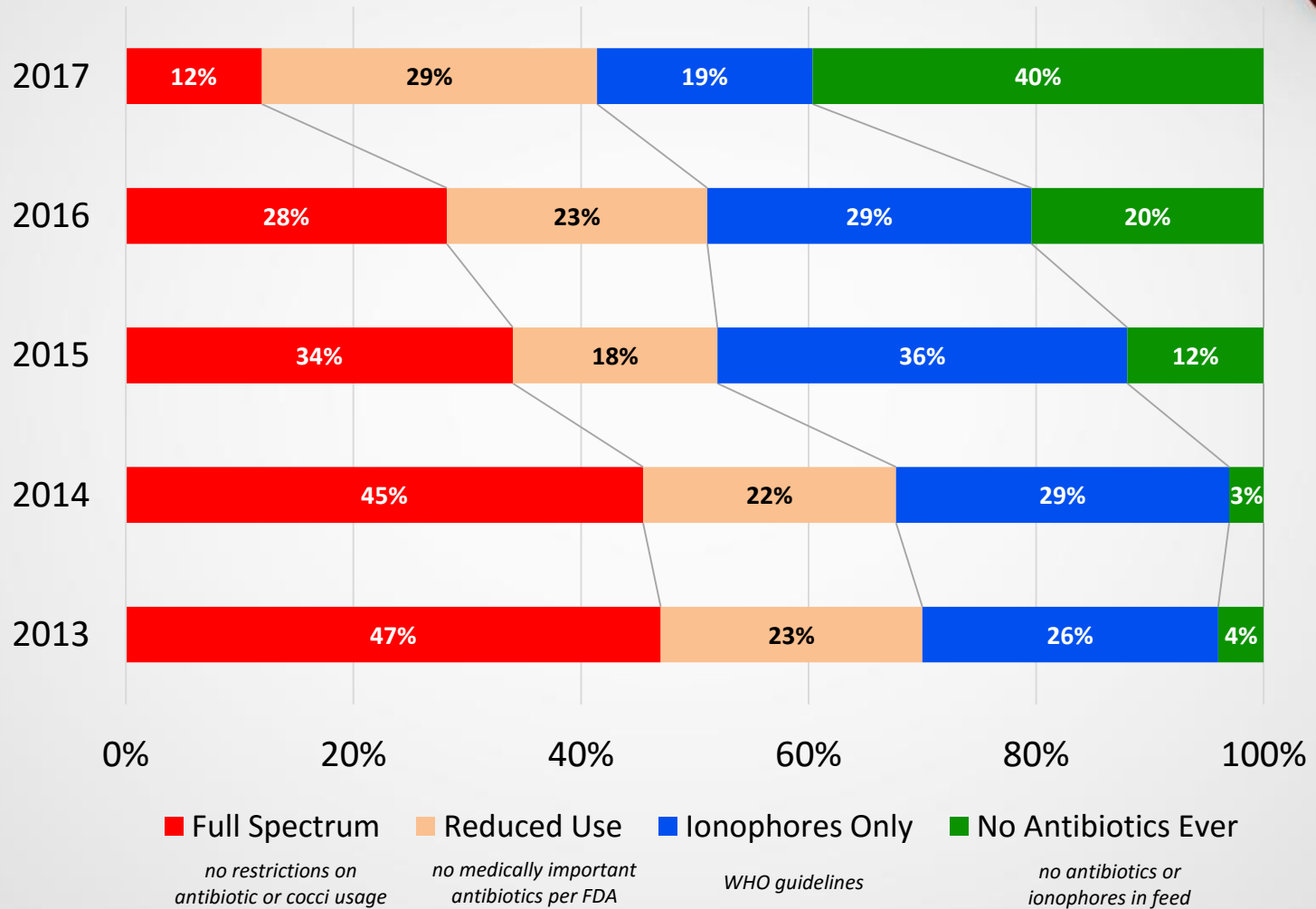




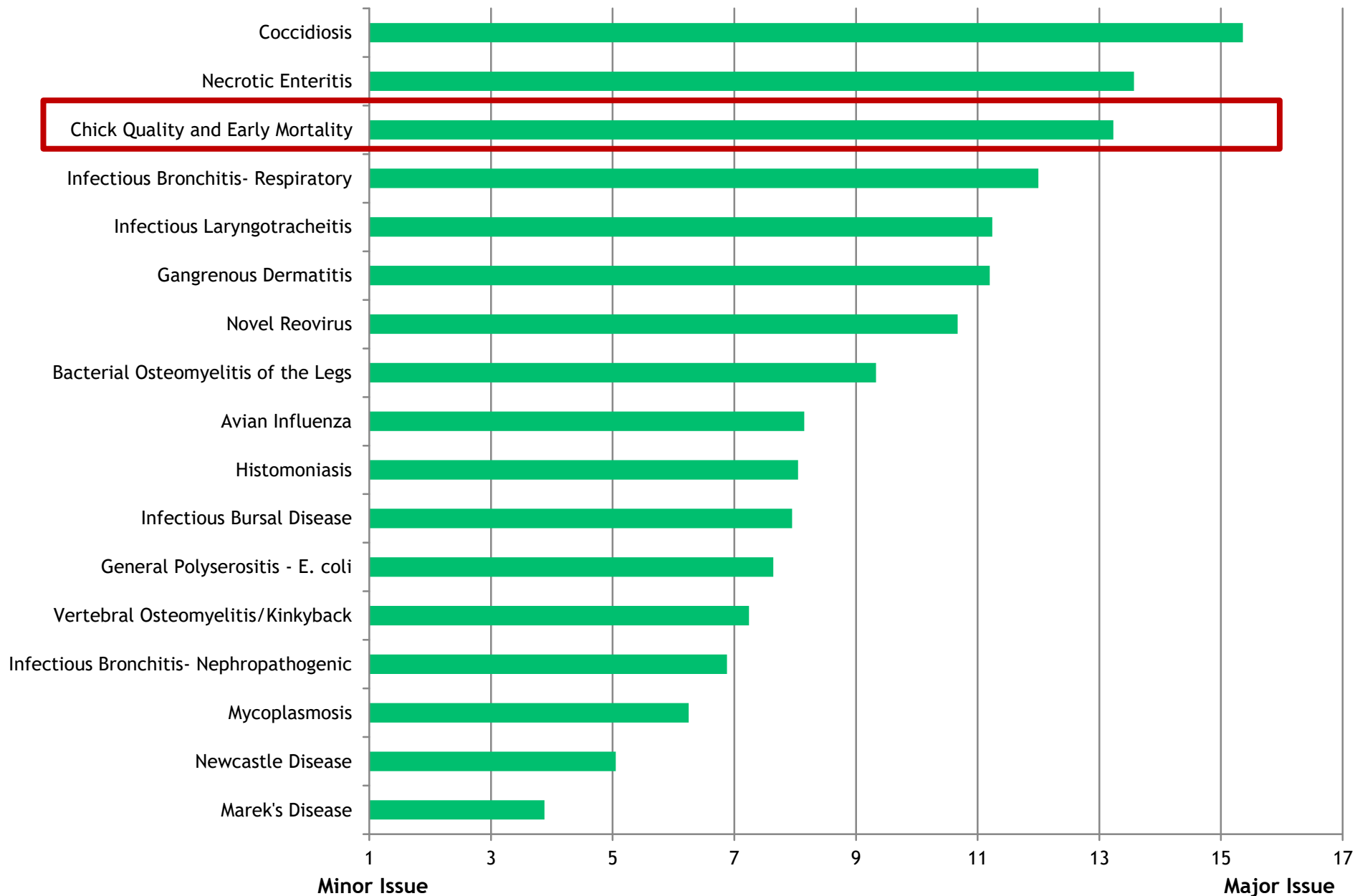
### % Feed Tonnage with an Antibiotic



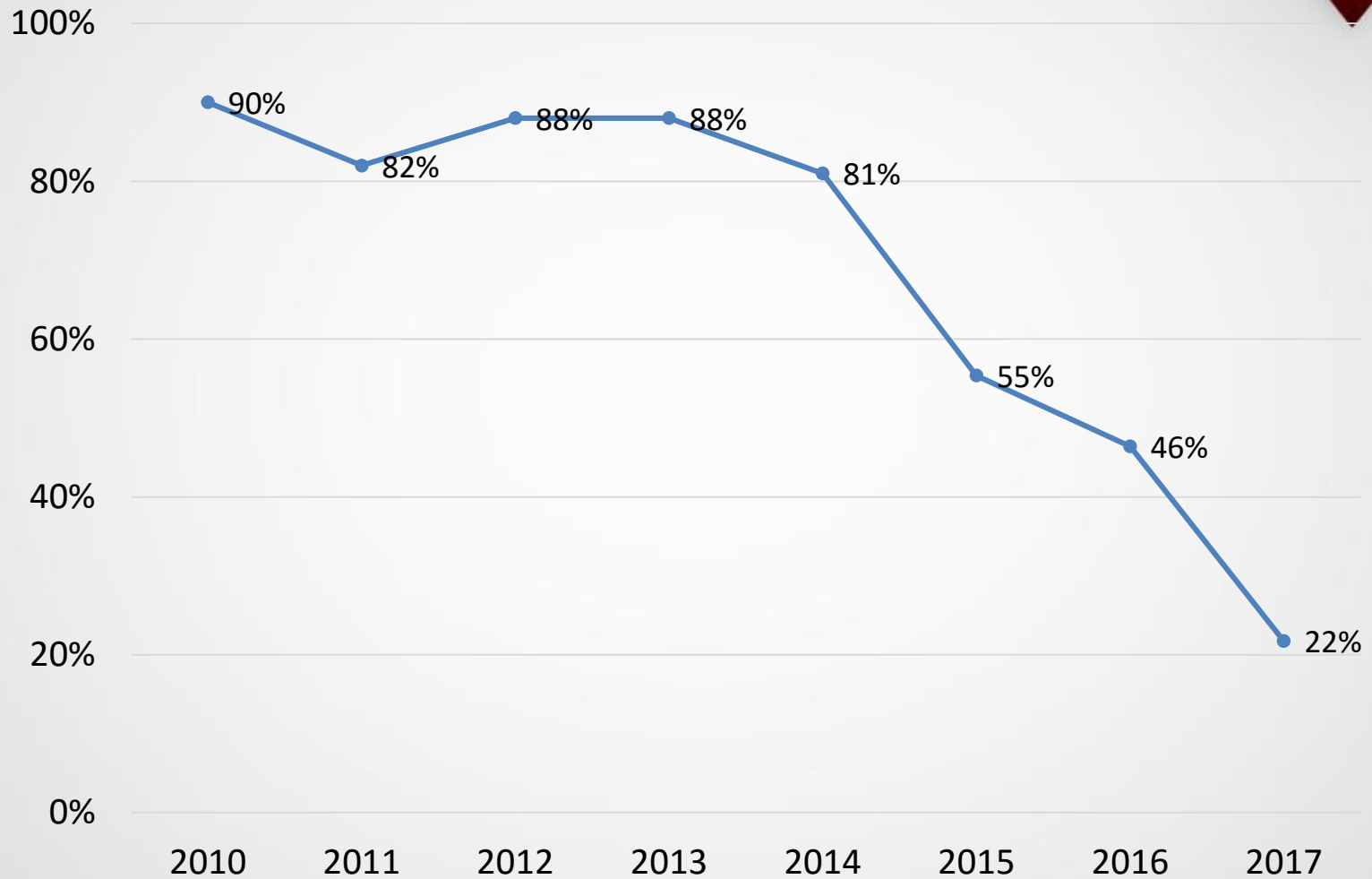
# Broiler Feed Tonnage by Marketing Program



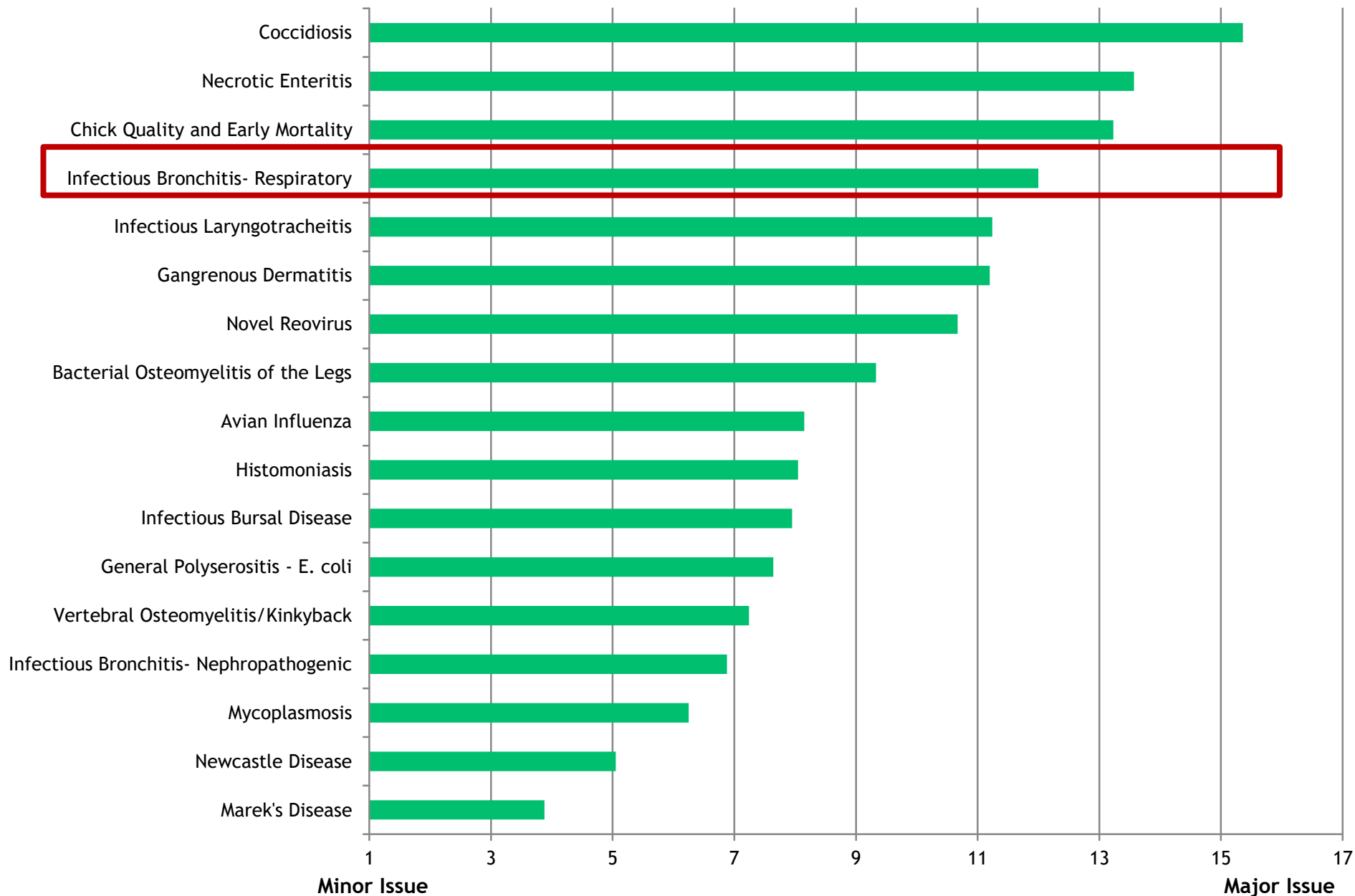
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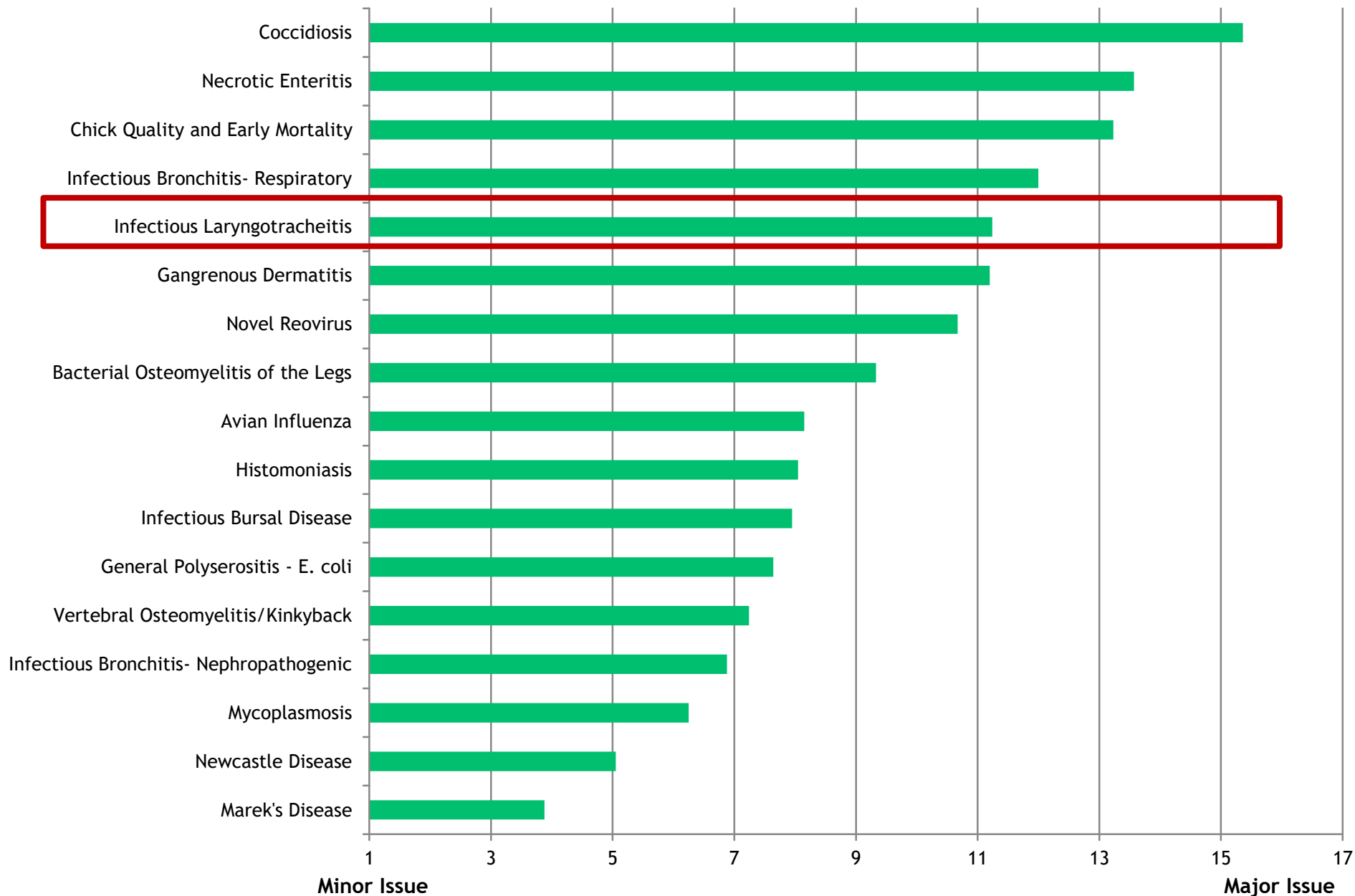
## % of Broiler Placements Treated



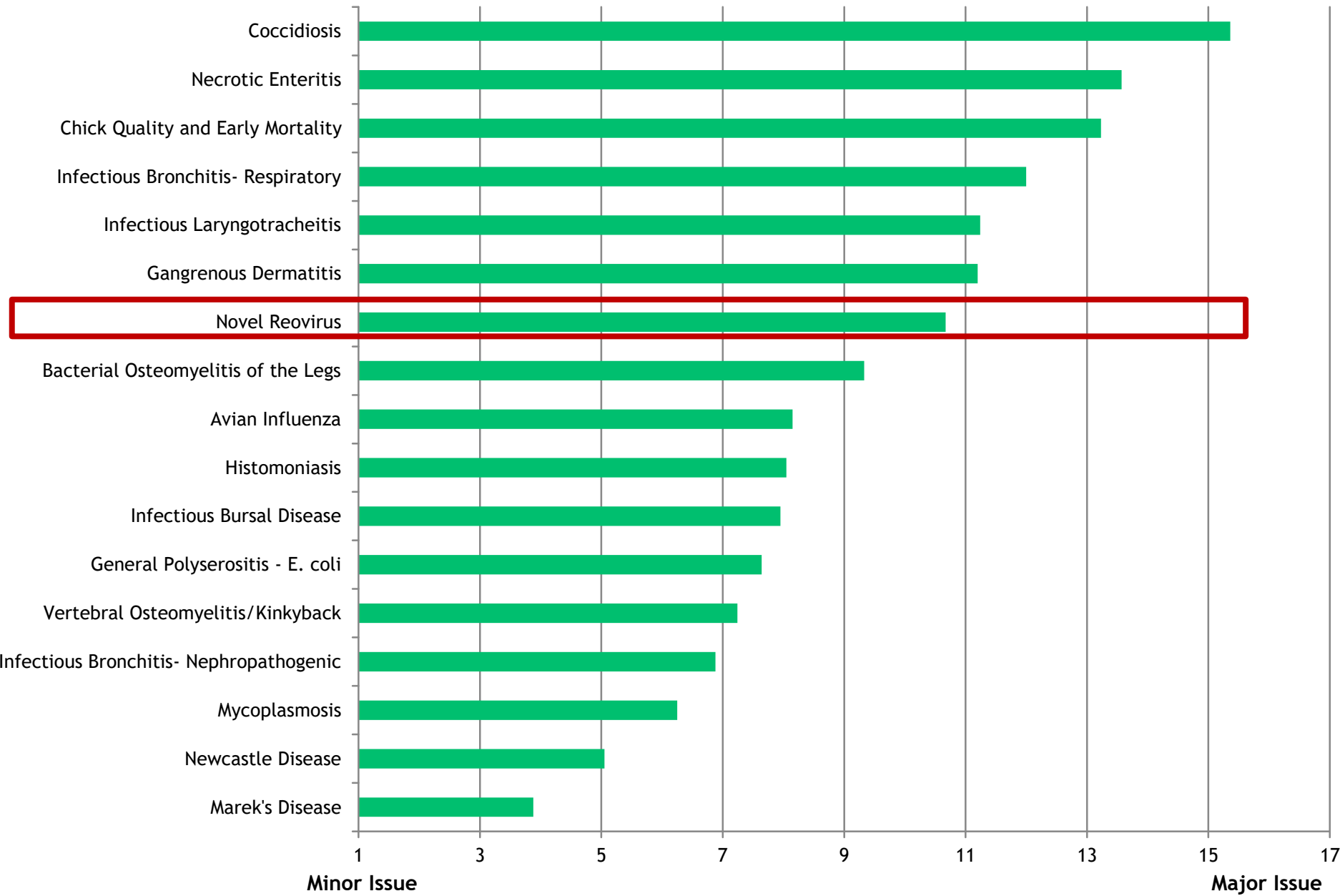
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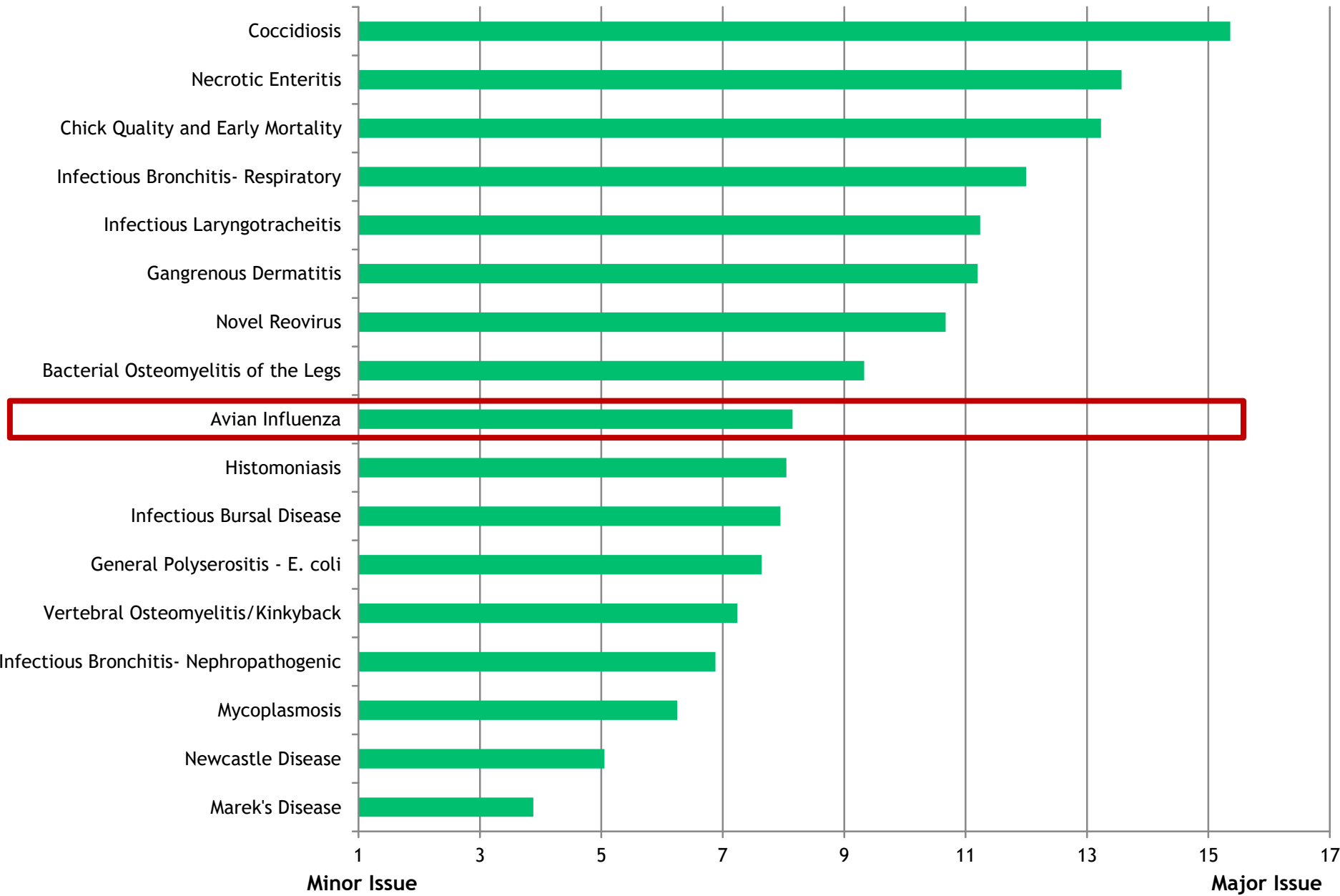
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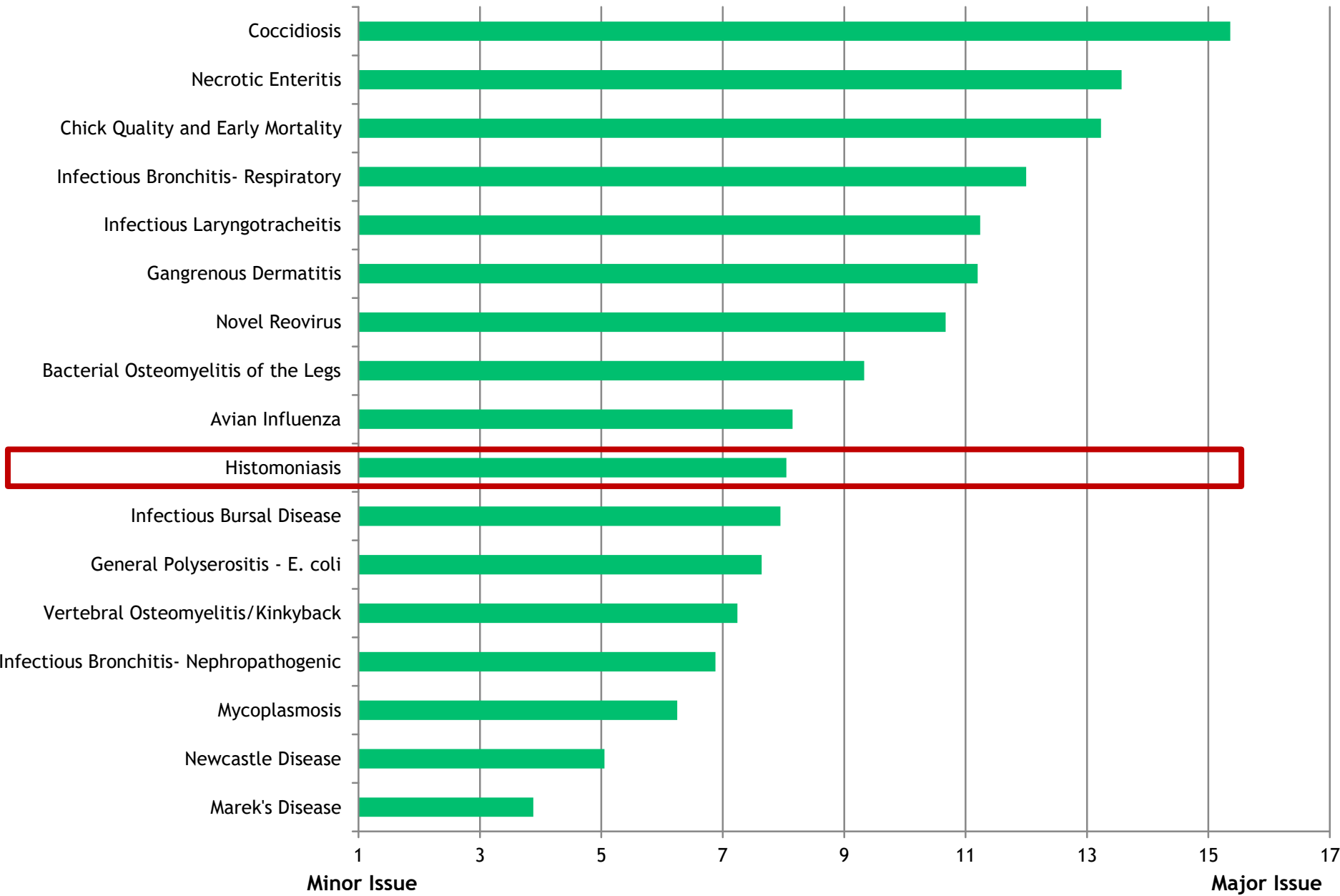


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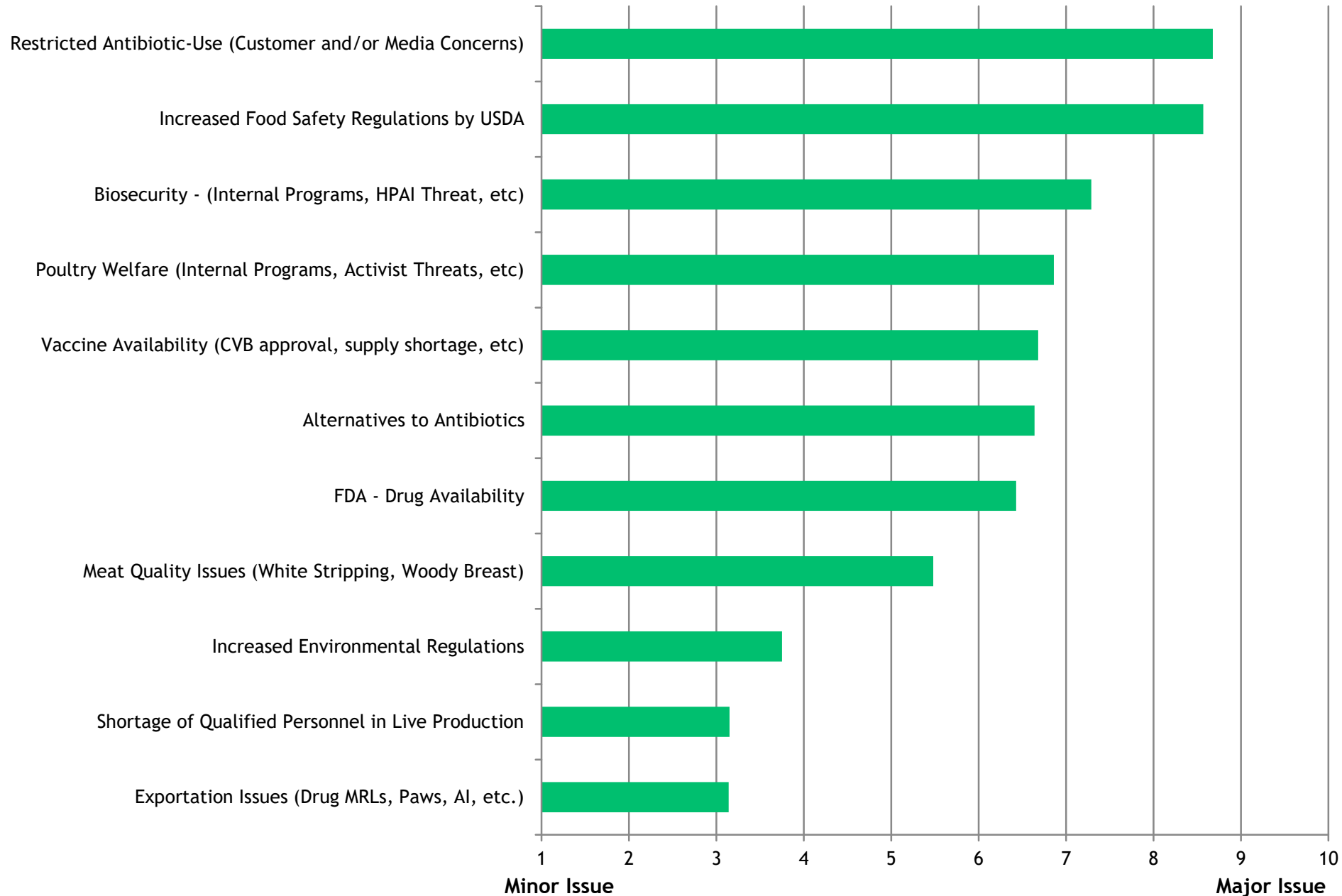
# Research Opportunities – Disease Issues

1. Coccidiosis/Necrotic enteritis
    - New/Better way to do things
  2. Chick Quality
    - Egg sanitation, *in ovo* improvements/additives
  3. Laryngotracheitis
    - Better vaccine options
  4. Bronchitis
    - New technology targeting cross-protection
  5. Reovirus/Blackhead/Dermatitis
- 
- Honorable Mention: *Avian Influenza*

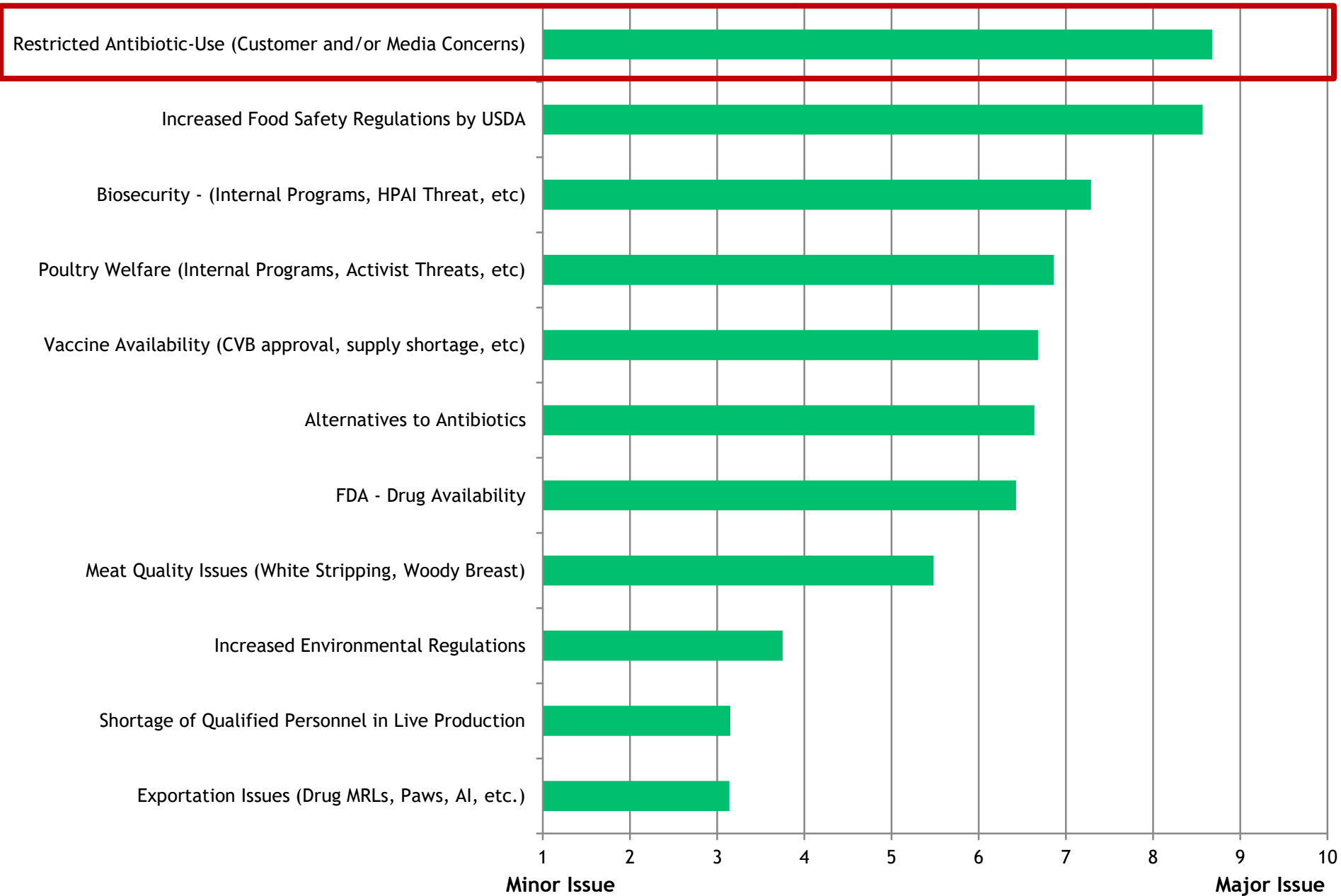
# Non-Disease Issues

“Rank in Order of Significance to Your Company”

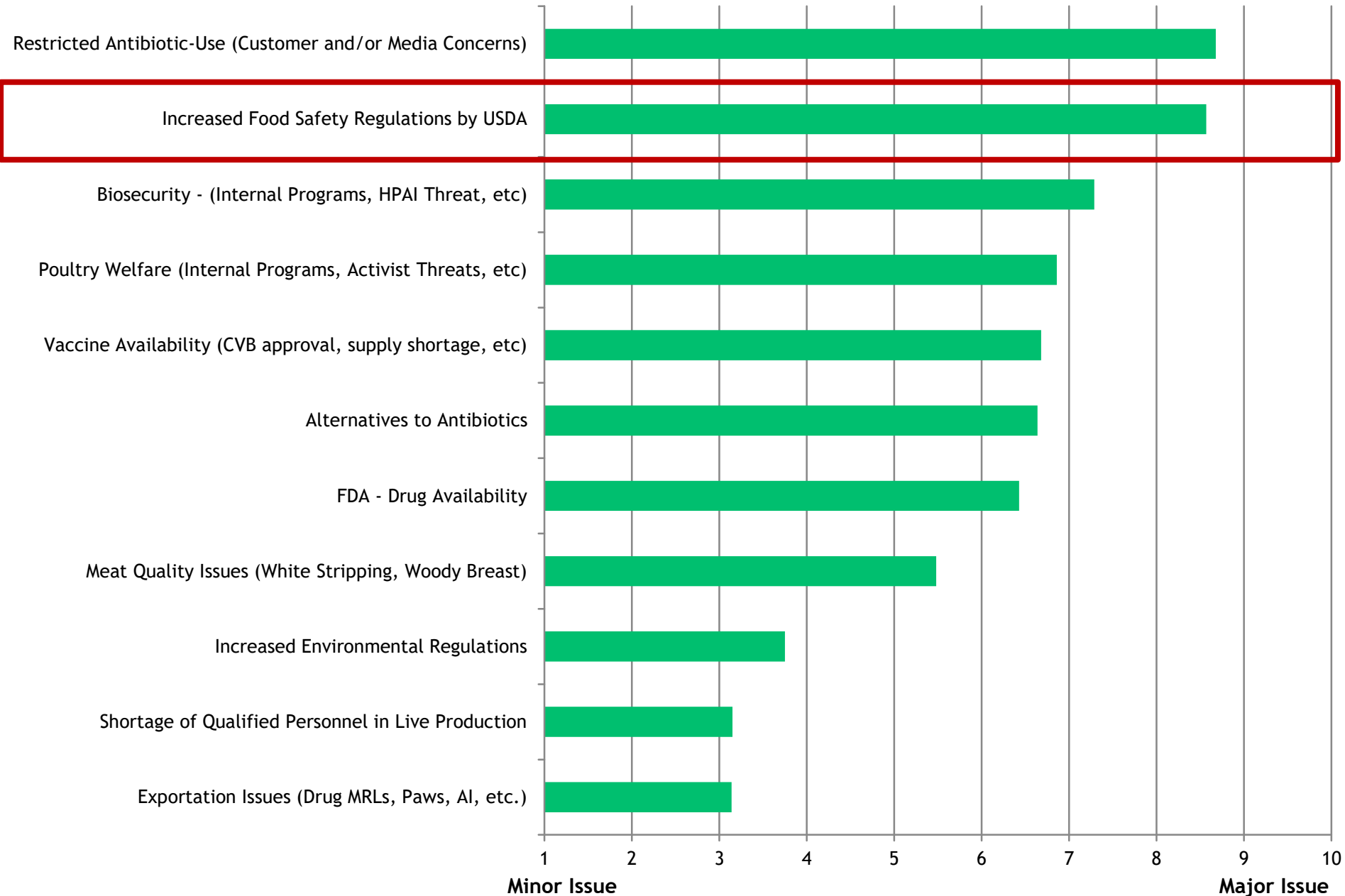
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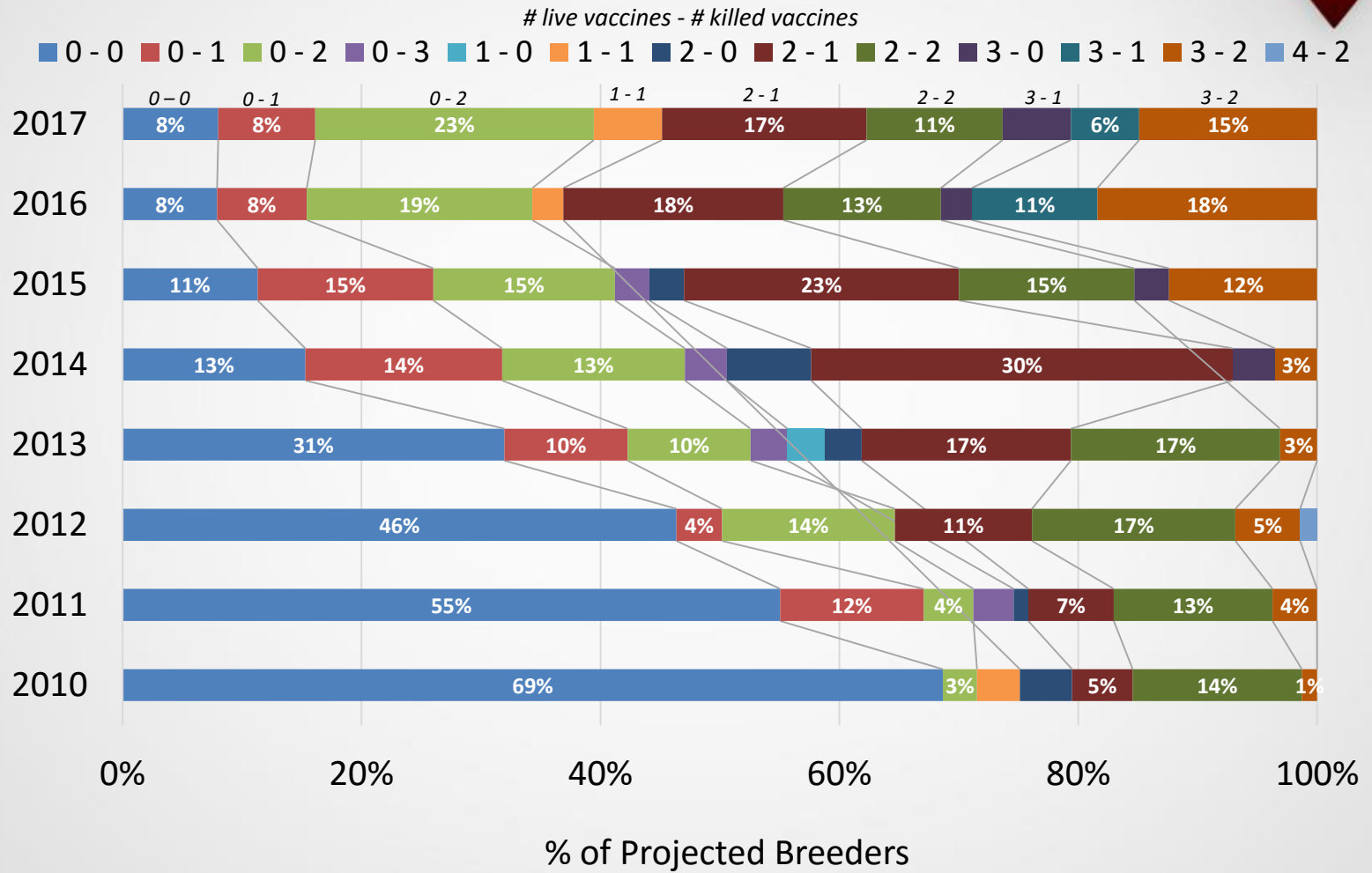
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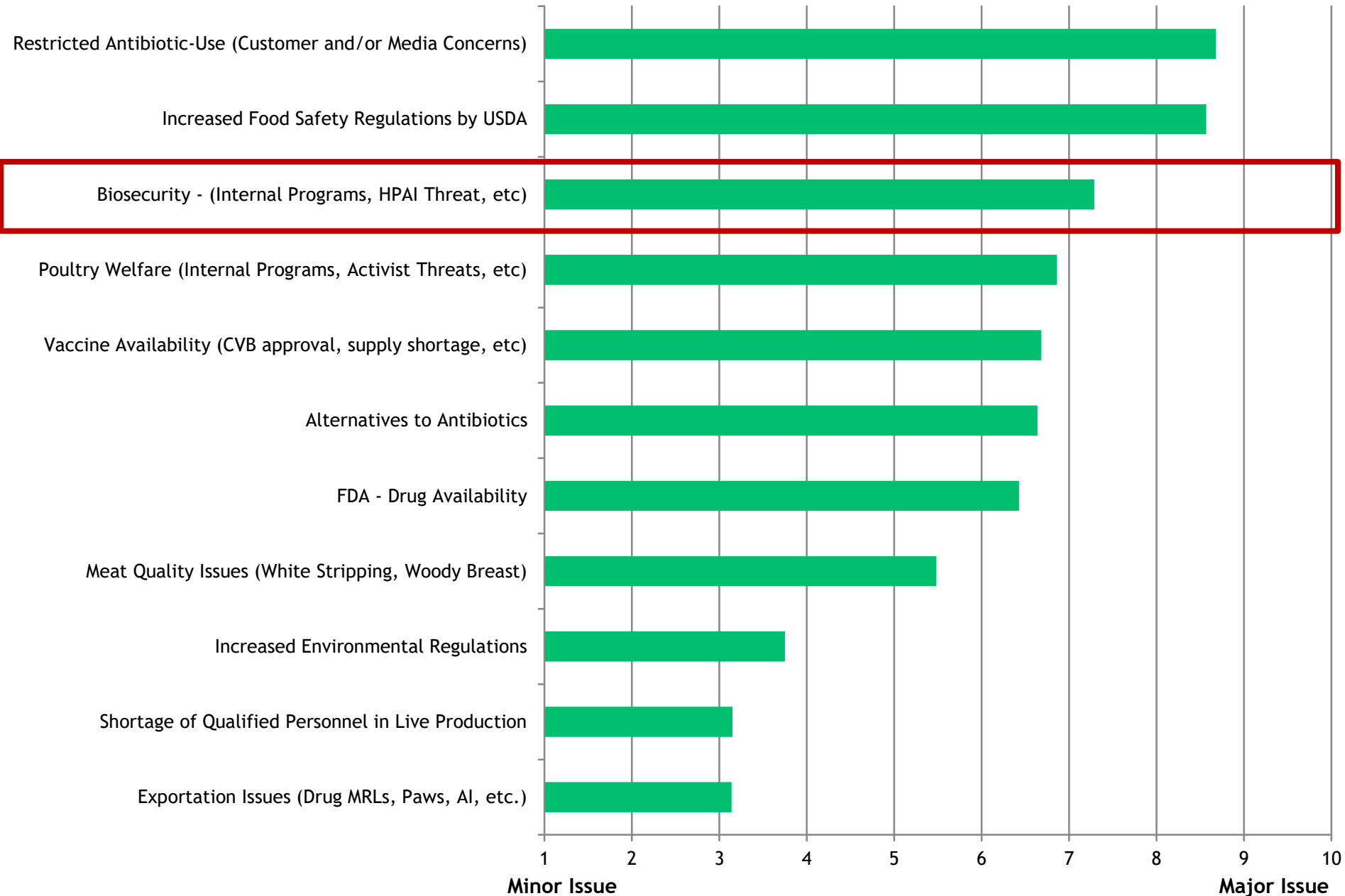
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# Salmonella Vaccination Programs

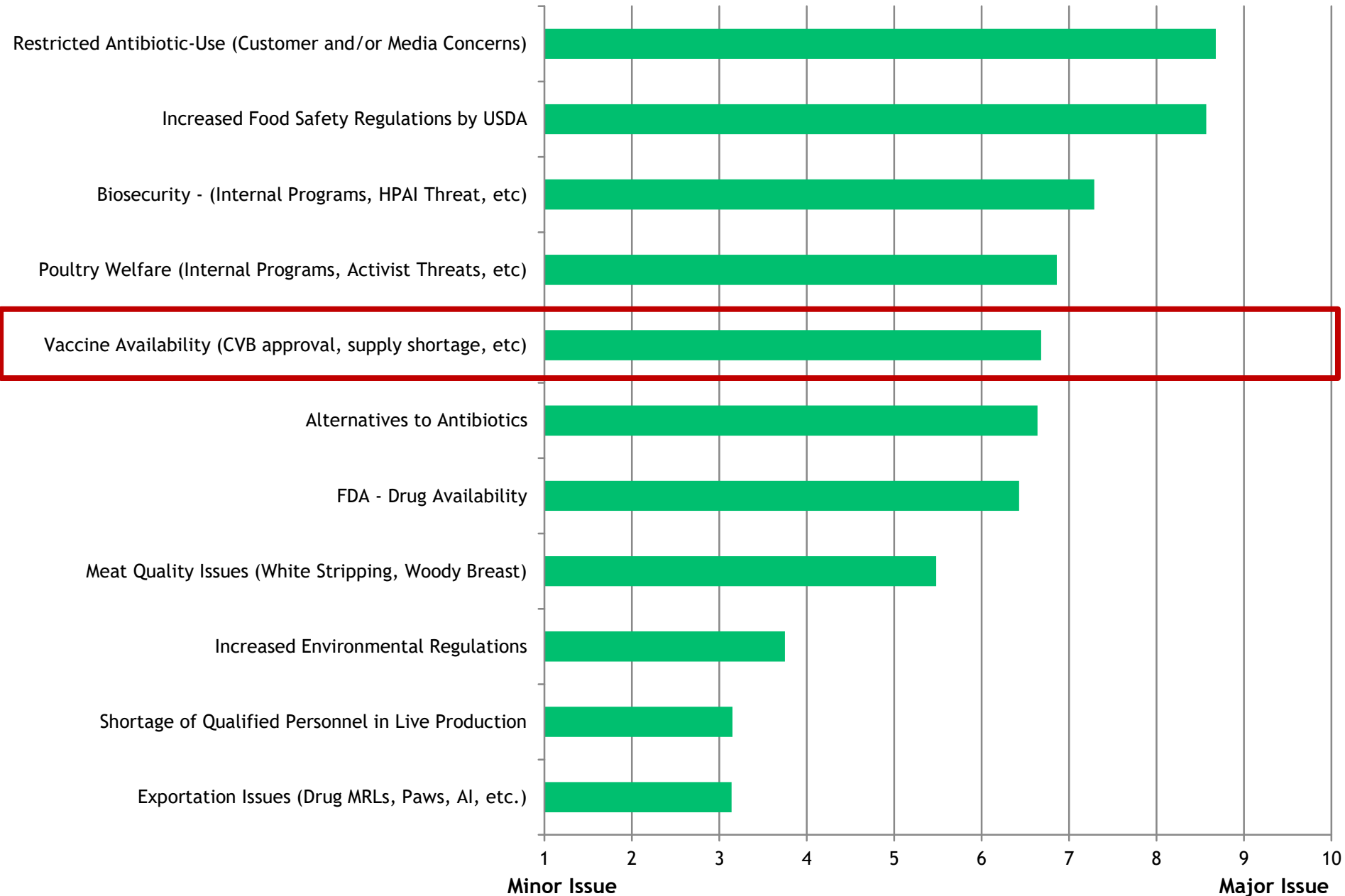


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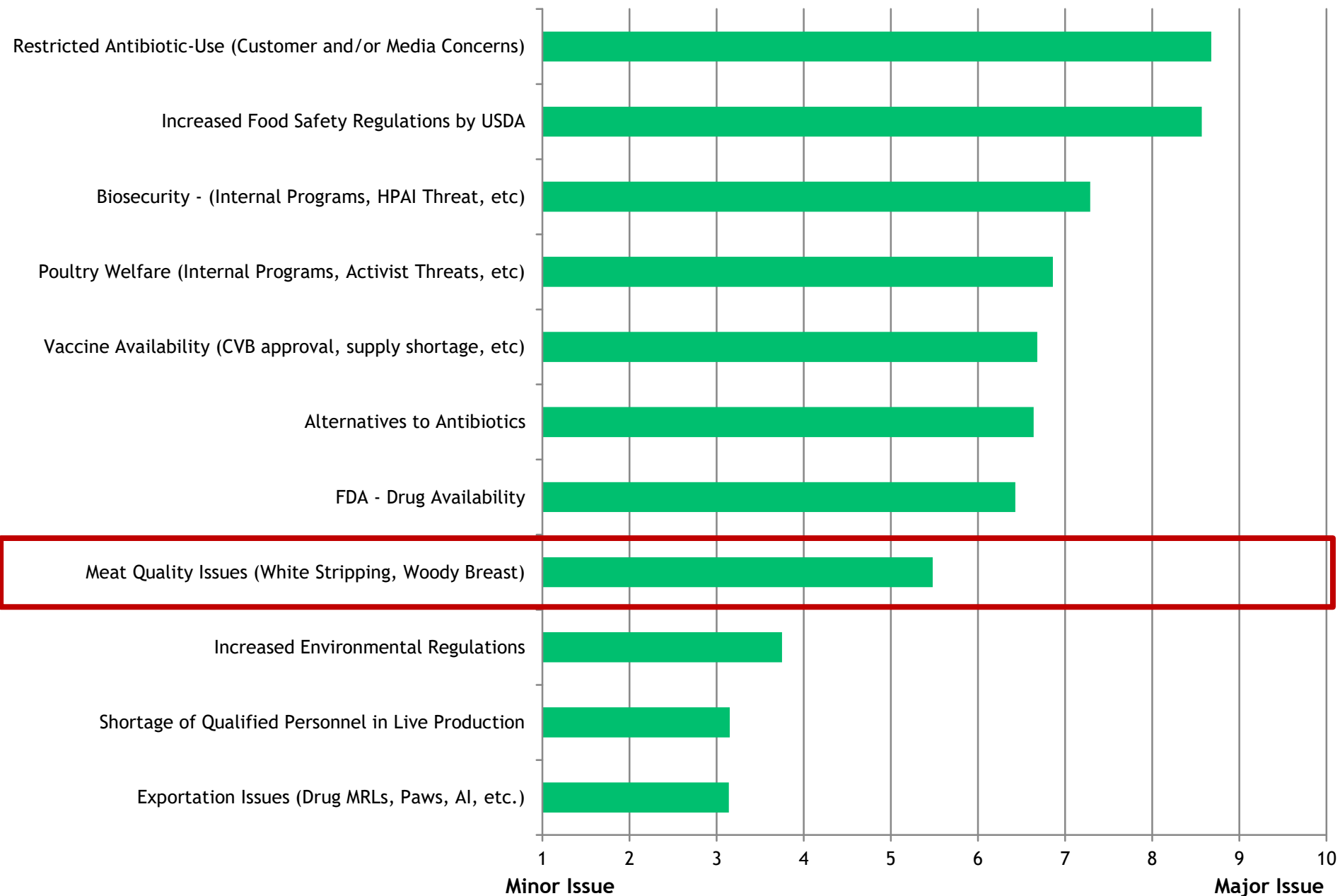




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# Research Opportunities – Non-Disease Issues

1. Salmonella
  - Nanotechnologies, prevalence vs. serotype
2. Biosecurity
  - Effective education
3. Poultry Welfare
  - Feel good vs. Science
4. Vaccine/Drug Availability
  - Regulatory, Manufacturing
5. Meat Quality
  - Genetic, Management

# Thank You!

- AVBP members
- Greg Rennier, Ph.D.
- Mike Donahue
- Dr. Louise D. Zavala
- Dr. Emily Kimminau