

‘Learning from success, to achieve more success’

Global Leaders Group AMR

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Trends



Animal antibiotic use is falling dramatically in many (developed) markets



Prevention works: Reductions in AB use mirrored by a rise in prevention products



Antibiotics remain a critical tool: 'optimized use' where prevention is maximized



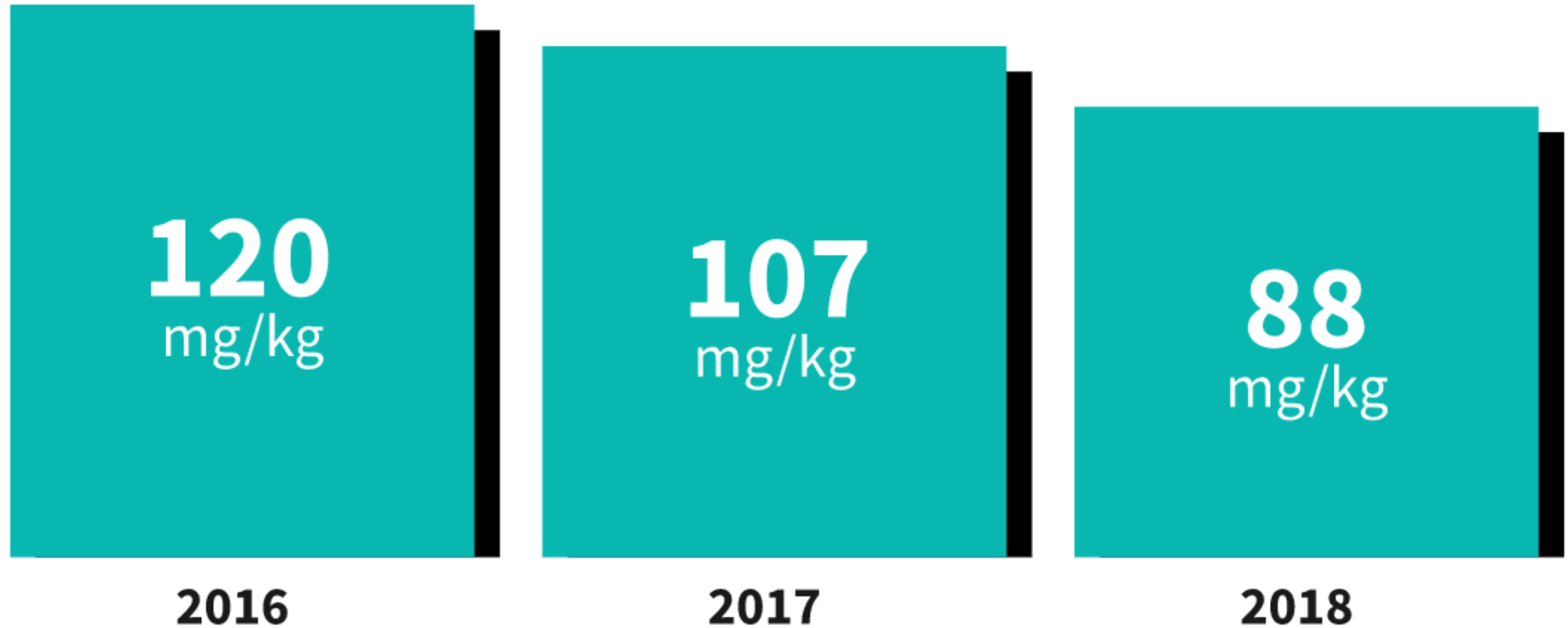
One Health: majority of human AMR transfer in human health care settings



Animal health is a global leader

Global antimicrobial use is declining

The World Organisation for Animal Health collects global antimicrobial use data from countries across the globe. They have found that “global antimicrobial use in animals has declined by 27% in 3 years” and provided the following figures.



Source: World Organisation for Animal Health, Annual report on Antimicrobial Agents Intended for Use in Animals, 6th Edition

Antimicrobial sales have fallen up to 65% in major markets



52%

since
2014



38%

since
2015



43%

since
2011



65%

since
2011

Critically important antimicrobials have seen the largest reductions

-62%

Polypeptides



-43%

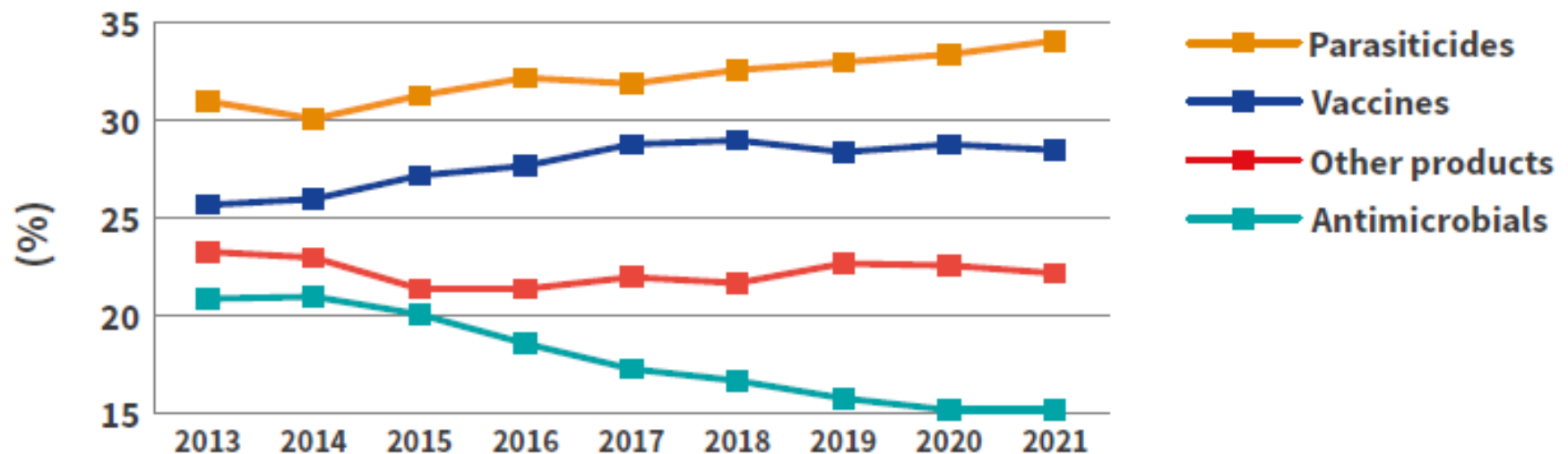
Macrolides



2016-2018

Sales in Prevention Products are Rising

Sales per product category (%) (2013–2021)

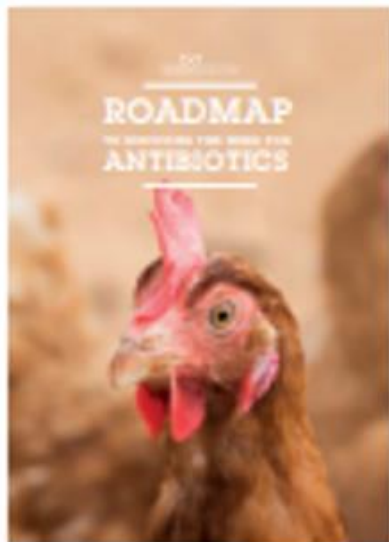


Sales data from leading animal health companies demonstrate how global shifts towards prevention are reducing the need for antimicrobials worldwide. Since 2013, vaccines and parasiticides have grown from 56.7% to 62.6% of the product portfolio of the leading animal health companies, while antimicrobials fell from 20.9% to 15.2% (a relative reduction of 28%).

Source: HealthforAnimals, *Global Trends In the Animal Health Sector*, <https://www.healthforanimals.org/reports/global-trends-in-the-animal-health-sector/>

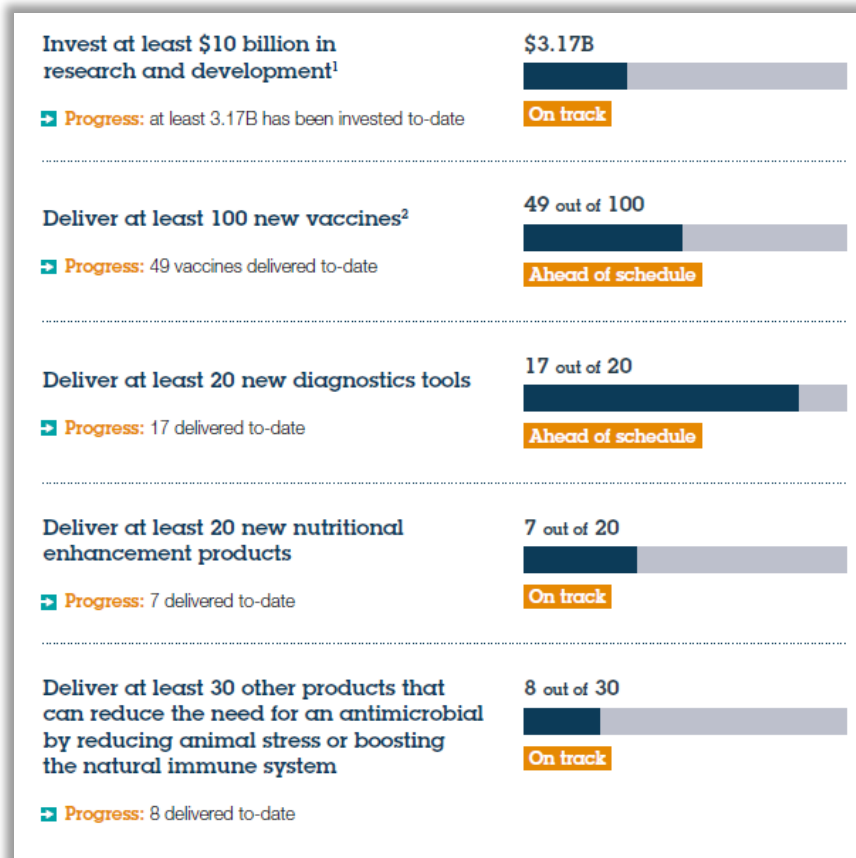
Animal sector actions

- Pharma sector working on responsible use since 1990s
- Most species groups and producer/food operators have responsible use programs
- Animal food chain coalitions working: RUMA, EPRUMA, Aliança, etc.
- These coalitions are examples of private sector and government collaboration



Roadmap to reducing the need for antibiotics

- Vision for improving responsible use
- 25 commitments + 25 measurable actions by 2025



Recommendations for GLG actions

1. Learn from successes in many markets: prevention + investment
2. Key to success will be:
 - attacking the underlying problem – animal diseases
 - providing technologies/finance that help to reduce the need to use antibiotics
 - start with shared classes
3. Key groups that need further engagement are:
 - emerging market producers - where largest animal protein increases happening
 - emerging market banking - to co-finance investments needed
 - emerging market ag authorities - to help create right circumstances
4. GLG can help global financing institutions promote prevention – to help governments to support/encourage their livestock farmers
4. GLG can also take a leading role in promoting better use of vaccination and overcoming the (trade and other) barriers currently limiting vaccination