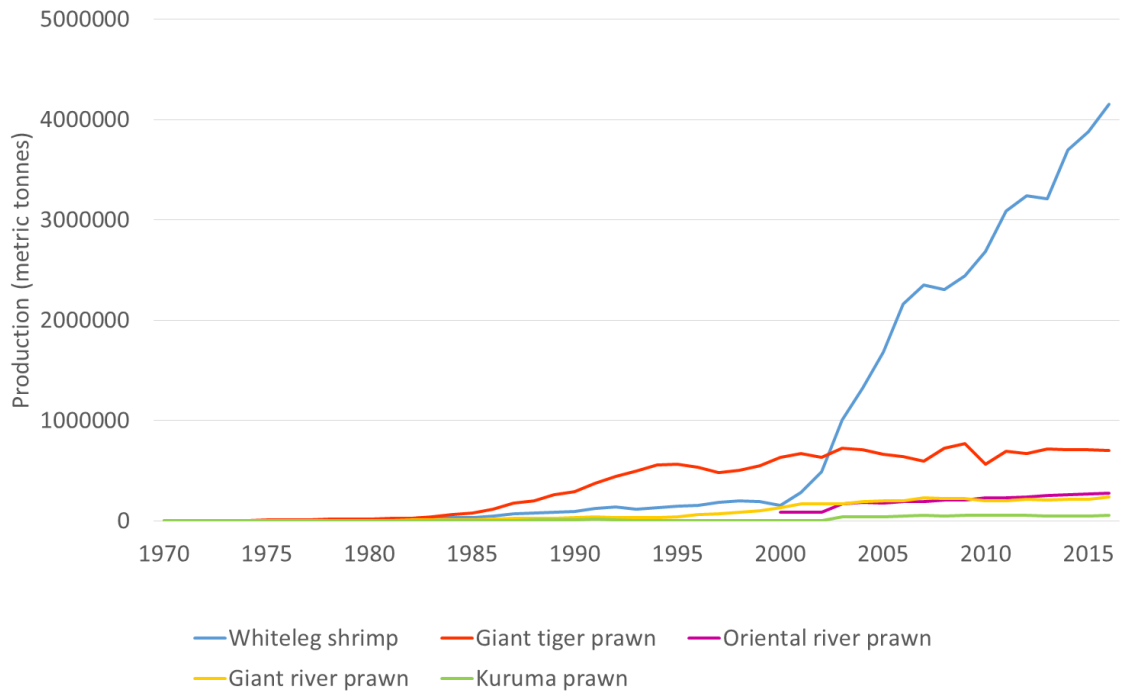
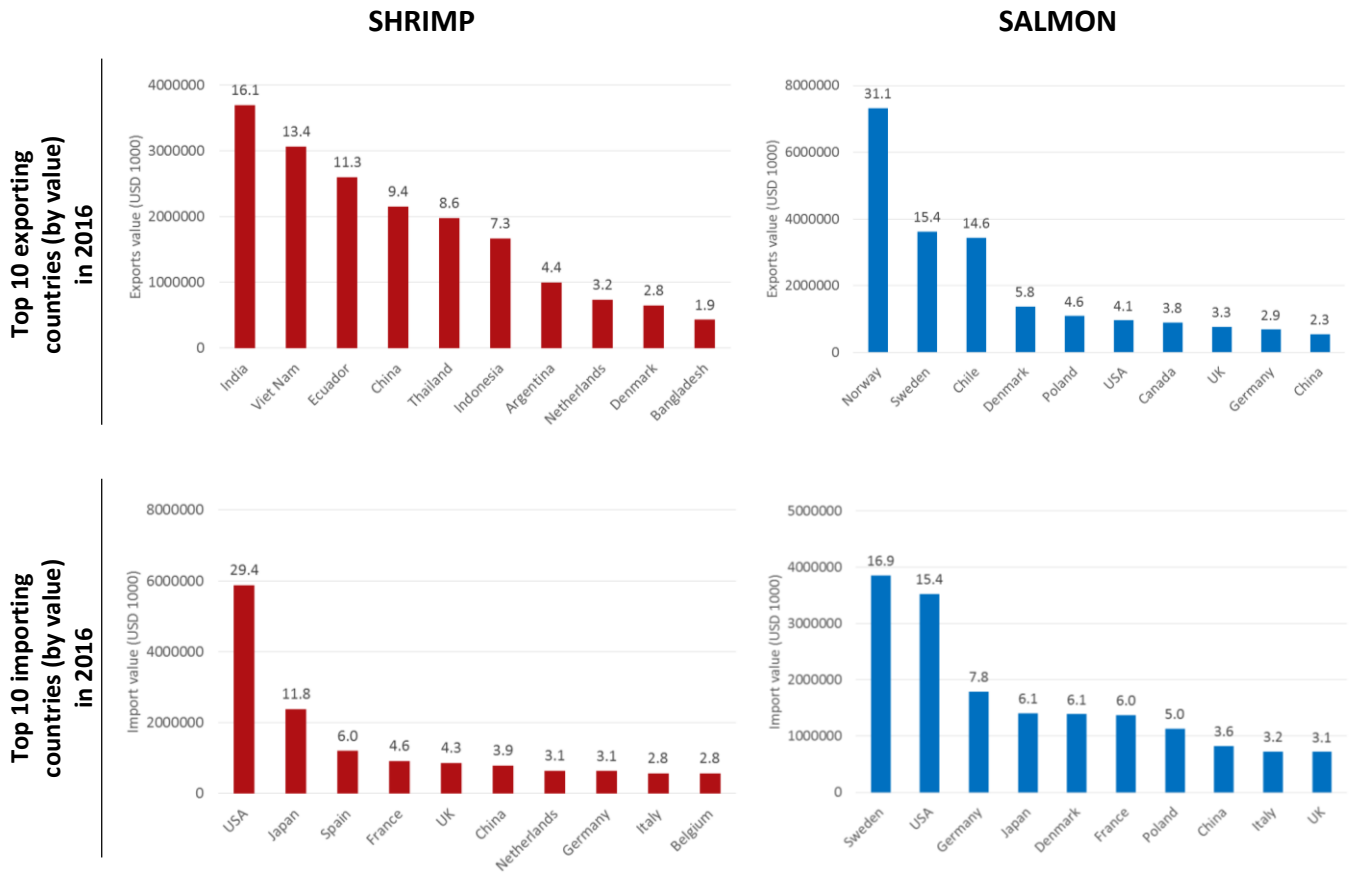


Supplementary Figure 1: Shrimp production. Production (by quantity, in metric tonnes) of the top five farmed shrimp species since the industry began in the 1970s. Data obtained from the FAO's FishStat J Global Fishery and Aquaculture Production Statistics Dataset.



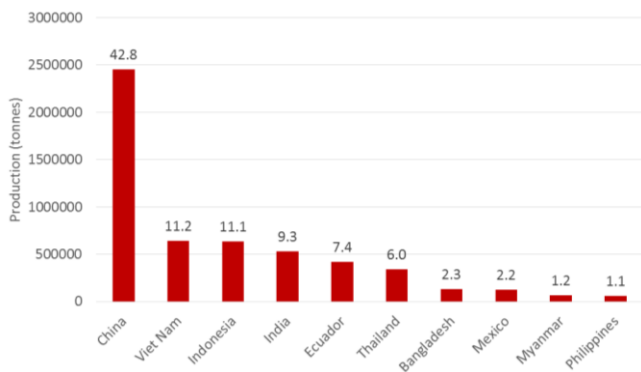
Supplementary Figure 2: Top 10 shrimp and salmon importing and exporting countries in 2016. Data obtained from the FAO's FishStat J Global Fishery and Aquaculture Commodity Statistics Dataset. Numbers above bars indicate percentage of total exports/imports.



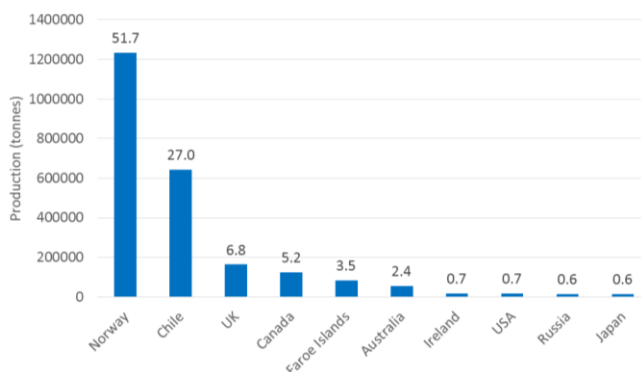
Supplementary Figure 3: Top 10 shrimp and salmon producing countries in 2016.

Data was obtained from the FAO's FishStat J Global Fishery and Aquaculture Production Statistics Dataset. Numbers above bars indicate percentage of total production.

SHRIMP



SALMON



Supplementary Table 1: Selected data from the WHO AMR self-assessment survey (a subset of which is shown in Figure 5). Data shows country responses for the top 10 shrimp- and salmon-producing countries (year two data, 2017-18, published on 18th July 2018) for the selected topics below. Countries rate themselves from A (best practice; dark green) to E (no action being taken; red). Black indicates no response given.

	Shrimp										Salmon									
	1. China	2. Viet Nam	3. Indonesia	4. India	5. Ecuador	6. Thailand	7. Bangladesh	8. Mexico	9. Myanmar	10. Philippines	1. Norway	2. Chile	3. UK	4. Canada	5. Faroe Islands	6. Australia	7. Ireland	8. USA	9. Russia	10. Japan
General	4.1. Multi-sector and One Health collaboration/coordination										4.1. Multi-sector and One Health collaboration/coordination									
	5.1. Country progress with development of a national action plan on AMR										5.1. Country progress with development of a national action plan on AMR									
Animal health	6.2.1. Raising awareness and understanding of AMR risks and response in animal health (terrestrial and aquatic)										6.2.1. Raising awareness and understanding of AMR risks and response in animal health (terrestrial and aquatic)									
	8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: animal health										8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: animal health									
Food production	6.2.1. Raising awareness and understanding of AMR risks and response in food production										6.2.1. Raising awareness and understanding of AMR risks and response in food production									
	8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: food production										8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: food production									
Environment	6.2.1. Raising awareness and understanding of AMR risks and response in environment sector										6.2.1. Raising awareness and understanding of AMR risks and response in environment sector									
	8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: environment										8.2.1. Good health, management and hygiene practices to reduce the use of antimicrobials in animal and plant production and AMR transmission in food production: environment									
AMU	9.3. Legislation and/or regulations to prevent contamination of the environment with antimicrobials										9.3. Legislation and/or regulations to prevent contamination of the environment with antimicrobials									
	9.2.1. Optimizing antimicrobial use in animal health (terrestrial and aquatic)										9.2.1. Optimizing antimicrobial use in animal health (terrestrial and aquatic)									
AMR	7.2. National monitoring system for antimicrobials intended to be used in animals (sales/use)										7.2. National monitoring system for antimicrobials intended to be used in animals (sales/use)									
	7.5. National surveillance system for antimicrobial resistance (AMR) in animals, plants, foods and environment										7.5. National surveillance system for antimicrobial resistance (AMR) in animals, plants, foods and environment									
AMR	6.5. Training and professional education on AMR in farming sector (animal and plant), food production, food safety and the environment										6.5. Training and professional education on AMR in farming sector (animal and plant), food production, food safety and the environment									