

Biosecurity Report for 2019 to 2020

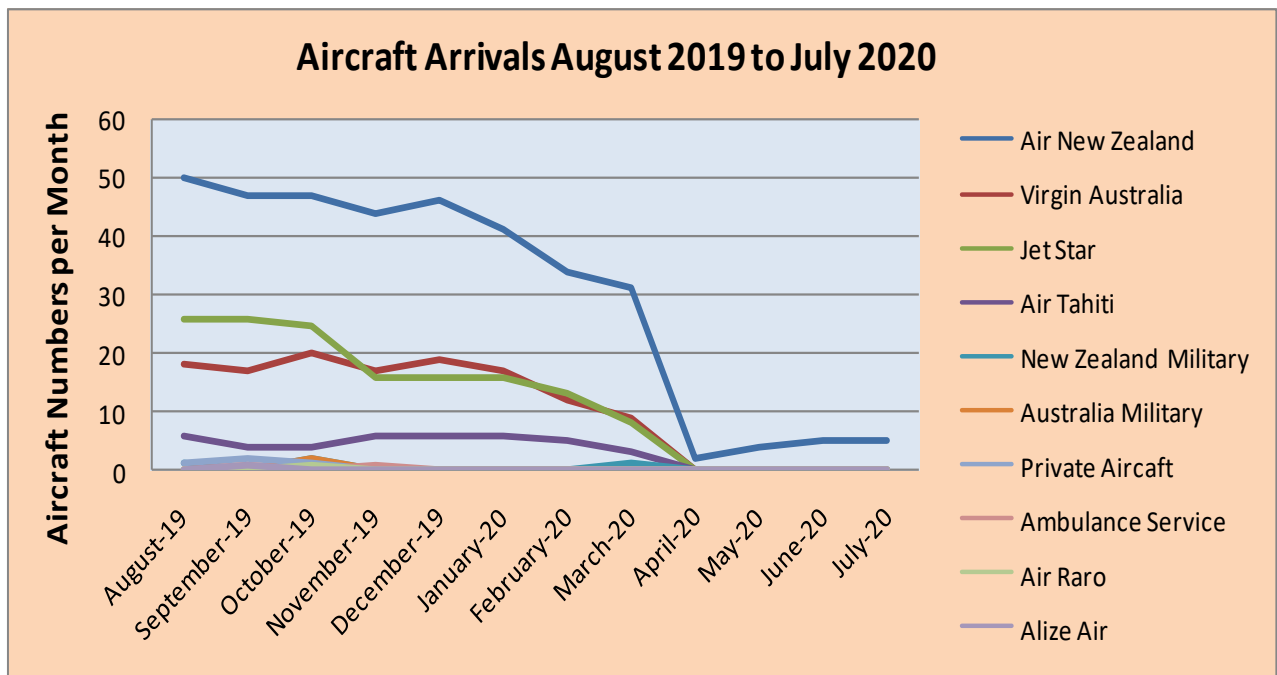


INTRODUCTION

This is a summary report for Biosecurity activities carried out at the airport and seaport from July 2019 to June 2020 extracted from the Cook Islands Biosecurity Database.

Table 1: Aircraft arrivals per month									
Month	Air New Zealand	Jet Star	Virgin Australia	Air Tahiti	Military	Private	Air Am-balance	Australia Military	Air Raro
Jul-19	3	1	1	1	0	0	0	0	0
Aug-19	50	26	18	6	1	1	0	0	0
Sep-19	47	26	17	4	0	2	1	0	1
Oct-19	48	25	20	4	1	1	0	2	0
Nov-19	43	16	17	6	0	0	1	0	0
Dec-19	46	16	19	6	0	0	0	0	0
Jan-20	41	16	17	6	0	0	0	0	0
Feb-20	34	13	12	5	0	0	0	0	0
Mar-20	31	8	9	3	1	0	0	0	0
Apr-20	2	0	0	0	0	0	0	0	0
May-20	4	0	0	0	0	0	0	0	0
Jun20	5	0	0	0	0	0	0	0	0
July-20	5	0	0	0	0	0	0	0	0

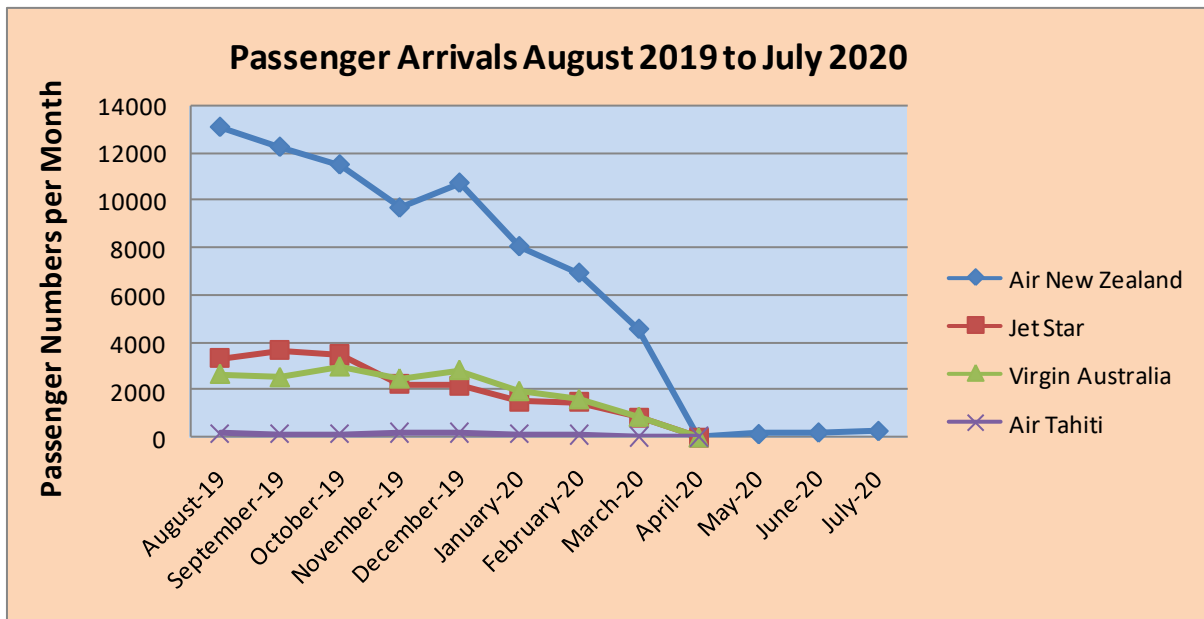
Table 1 shows the number of aircrafts that have visited our shore from August 2019 to July 2020. Passenger airlines Air New Zealand, Virgin Australia, Jet Star and Air Tahiti are the most frequent airlines to land here with Air NZ the most dominant airline. In 2019 we have recorded other aircrafts visiting our shores while there is hardly any movement in the first half of 2020.



Graph 1 highlights aircraft arrivals from August 2019 to July 2020. The commercial airlines dominated arrivals with highest recorded in the second half of 2019 and by April 2020 only Air New Zealand was operating a 1 freight service flight per week due to COVID-19 border closures.

Table 2: Passenger Arrival by Airline				
Month	Air New Zealand	Jet Star	Virgin Australia	Air Tahiti
August-19	13,098	3,345	2,680	153
September-19	12,258	3,684	2,536	130
October-19	11,802	3,476	2,992	126
November-19	9,406	2,261	2,483	200
December-19	10,744	2,193	2,841	182
January-20	8,63	1,557	1,953	135
February-20	6,943	1,491	1,611	109
March-20	4,576	836	870	24
April-20	0	0	0	0
May-20	132	0	0	0
June-20	200	0	0	0

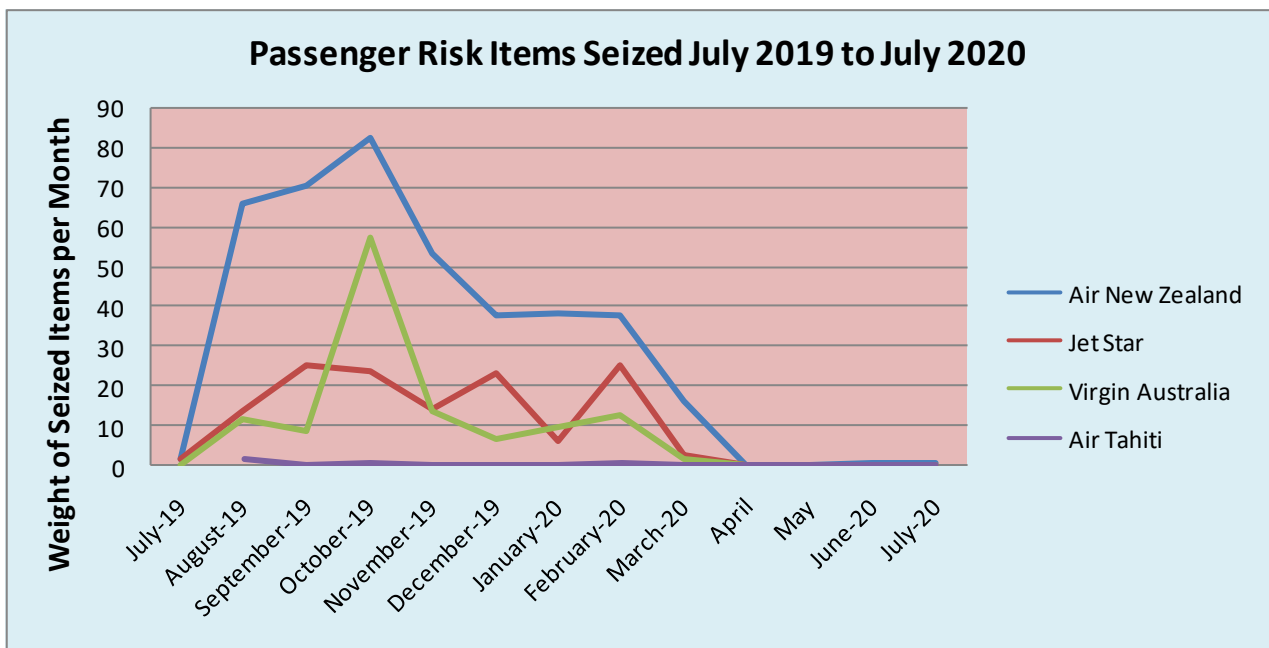
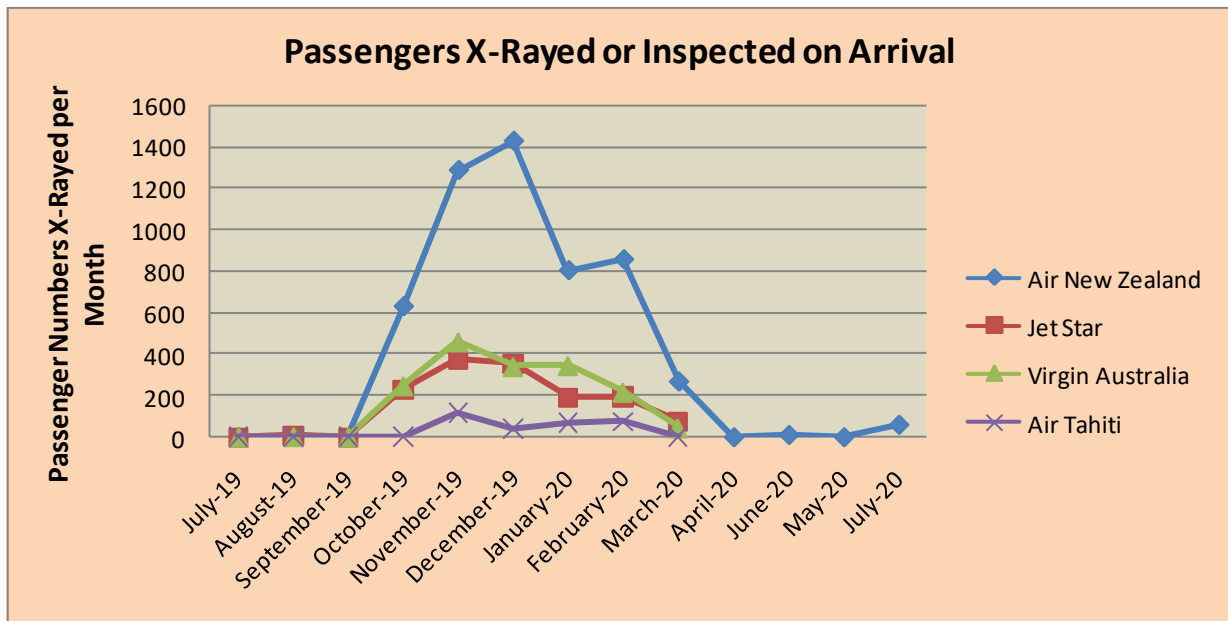
Table 2 shows the number of passengers arriving into the country by airline from 4 direct routes internationally, with the exception of Virgin Australia and Jet Star transiting through New Zealand from Australia. The passenger numbers follows aircraft trends, when aircraft numbers are high, passenger numbers are also high and when there is a decrease in the number of airlines flying to Rarotonga, so do the passenger numbers decrease.



Graph 2 shows the relationship between tables 1 & 2 and graph 1 which shows passenger arrivals. This also shows Air New Zealand as the dominant airline with the highest number of passengers, followed by Jet Star and Virgin Australia. The high number of tourist that we enjoyed in the second half of 2019 slowly declined and by April 2020 there were no tourists except for Cook Islands nationals returning home. This change was due to border closures because of COVID-19.

Table 3: Passengers X-Ray/Inspected				
Month	Air New Zealand	Jet Star	Virgin Australia	Air Tahiti
August-19	2	6	2	0
September-19	0	0	0	0
October-19	691	231	248	0
November-19	1,227	375	461	118
December-19	1,427	354	341	40
January-20	804	192	346	68
February-20	857	197	217	75
March-20	268	76	44	1
April-20	0	0	0	0
May-20	0	0	0	0
June-20	11	0	0	0

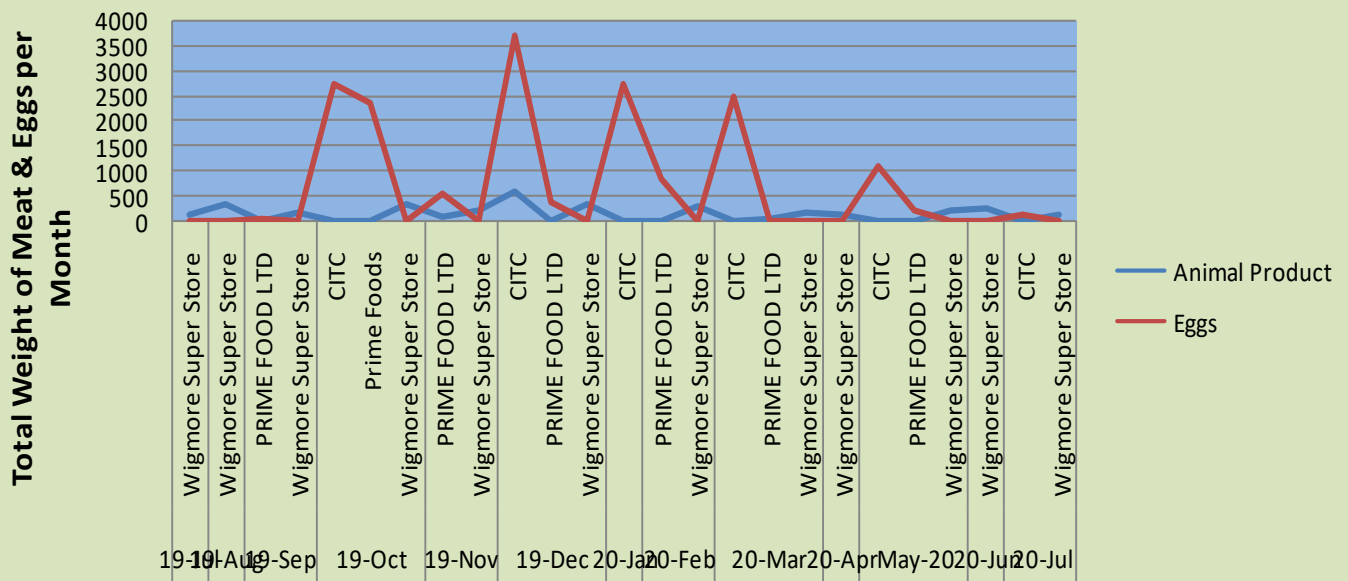
Table 3 shows passengers that were either processed through x-ray or manual inspection because they declared Biosecurity goods on their arrival card.



Graphs 3 shows the passenger numbers that were processed through the x-ray route or biosecurity manual inspection route to determine whether their declaration(s) is a risk.

Graph 4 shows the number of items seized during inspection and considered to be a biosecurity risk.

Airfreight Meat & Eggs from July 2019 to July 2020



As clearly shown in the above graph 6, eggs is the biggest air freighted product as outlined by the maroon line for CITC and PRIME FOOD FOODS. The blue line represents meat products air freighted by WIGMORE SUPER STORE.

Table 6 Air Freighted Ornamentals, Seeds, Live Pets & DOC from August 2019 to July 2020

Month		Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20
Seeds	Commercial	14	0	23	5	45	0	1	0	0	0	24	0
	Private	2	0	0	0	0	0	0	0	0	0	23	1
Orna-mental	Commercial	0	10	8	0	6	8	2	2	0	6	7	7
	Private	0	31	0	0	0	0	0	0	0	0	0	0
Pet Ani-mals	Commercial	0	0	0	0	0	0	0	0	0	0	0	0
	Private	0	0	9	3	4	0	0	1	0	0	1	1
Grass Stolon	Commercial	0	0	2	0	0	0	0	0	0	0	0	0

Table 6 and graph 7 shows the importation of ornamental plants, cut flowers for Island Craft Ltd and whole plants for planting by private individuals. The table & graph also shows the number of consignments of seeds and pet animals that are imported by airfreight.

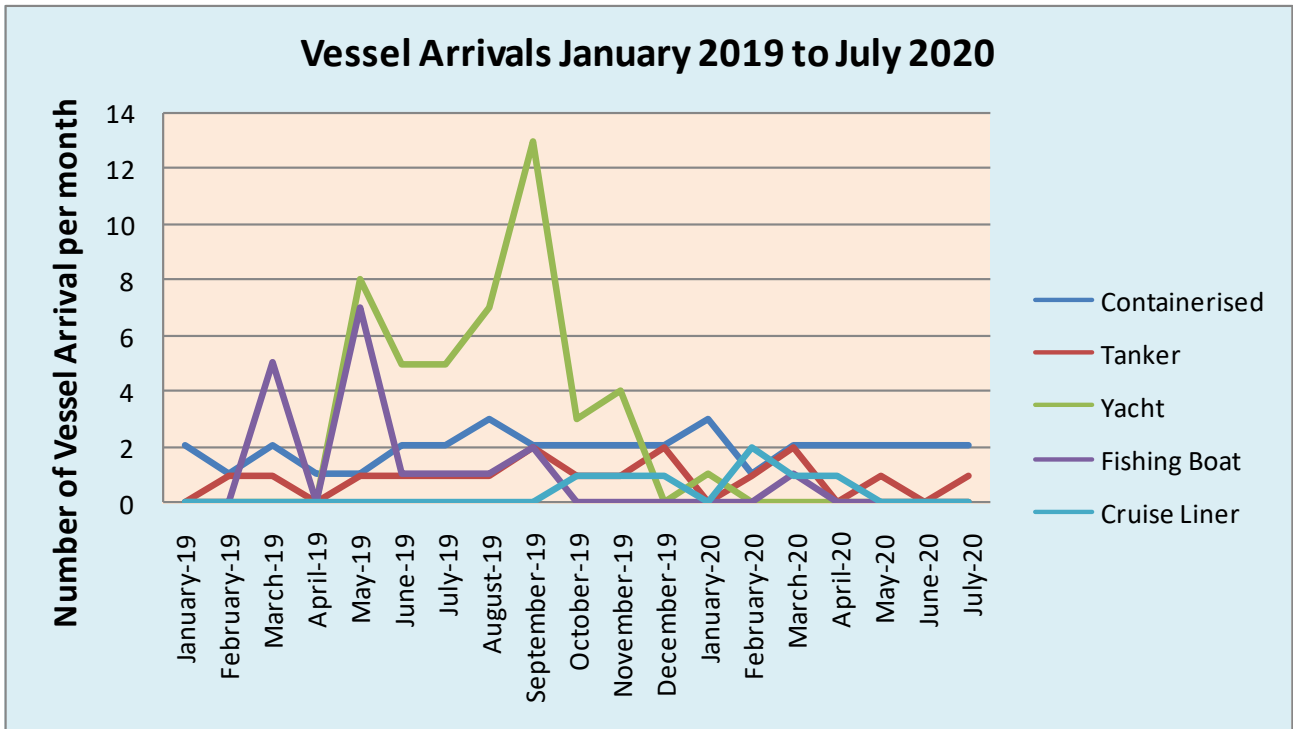
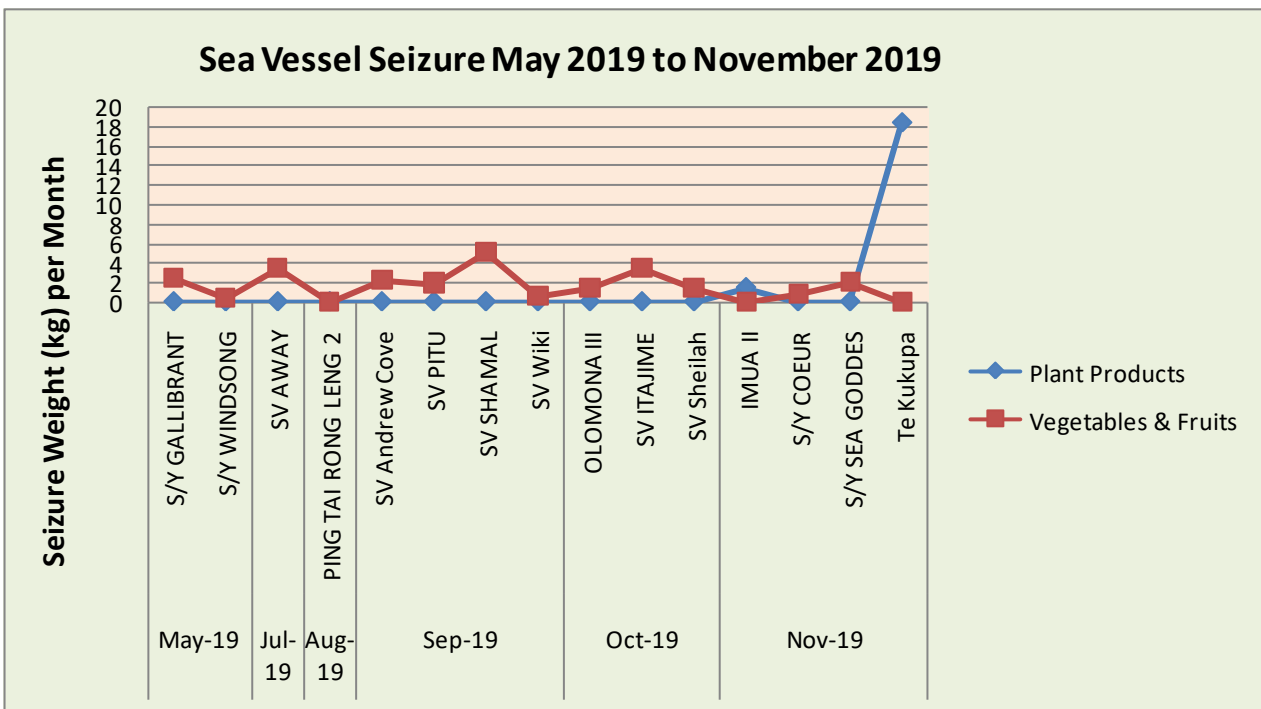


Table 6 & Graph 8 shows sea vessel arrivals from January 2019 to July 2020. The top 5 vessels that visited our ports were the container ships, tanker, yachts, fishing boats and cruise liners. The year 2019 saw frequent visits by fishing boats and yachts from March to November whereas the cruise liners picked up from October 2019 until the border closure. In the midst of COVID-19, Cook Islands seaport remains open to container vessels and fuel tankers for supplies.



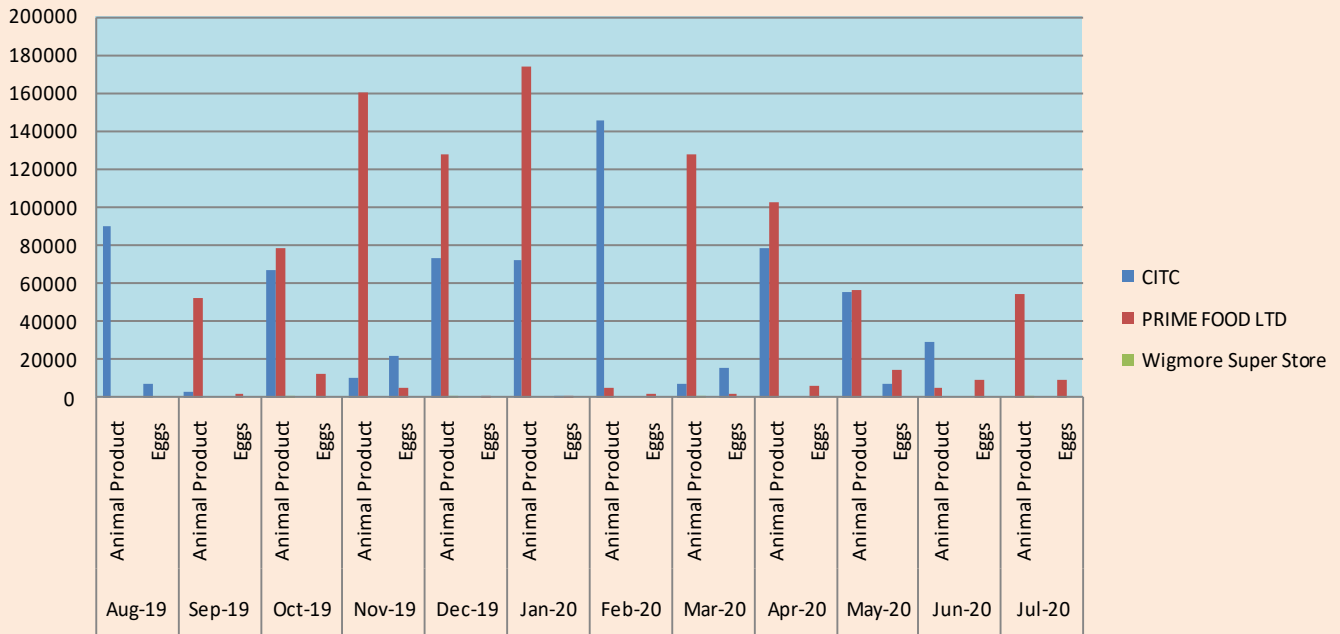
Graph 9 shows fruit & vegetables and plant product seizures during sea vessel port clearances. The vessel arrivals graph 8 clearly shows, during yacht voyaging season from May of 2019, risk items (graph 9) were intercepted from these sailing vessels.

Apart from vegetables and fruits intercepted from these sailing vessels, ornamental bulbs and vegetable seeds were intercepted from the container boat cargoes while taro shoots were intercepted from the vessel Kukupa.

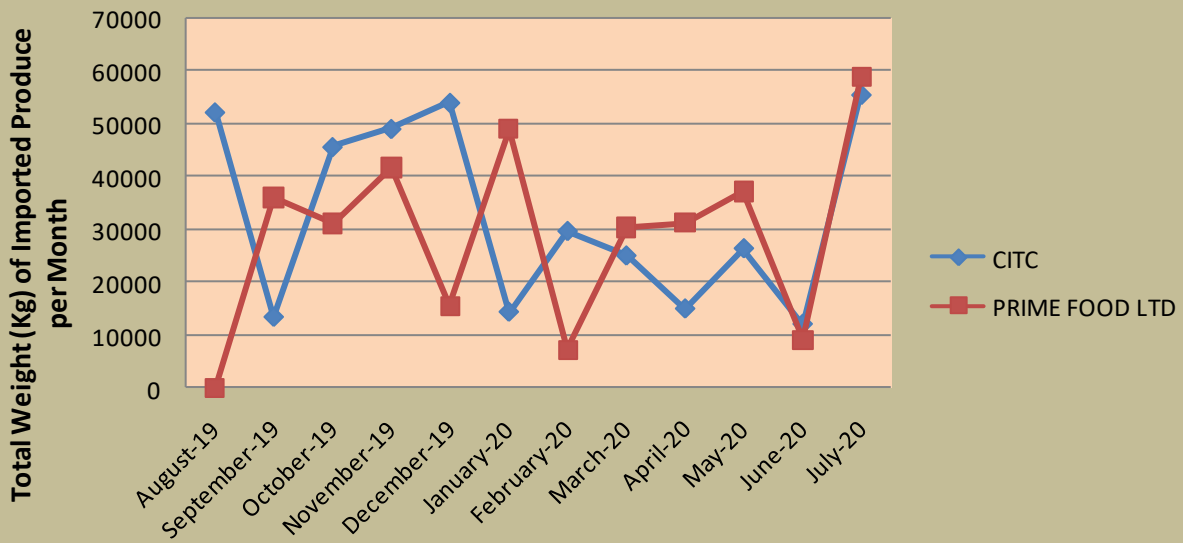
Month	Commodity	CITC	Prime Food	Wigmore Super Store	Pacific Resort Aitutaki	Pacific Resort Rarotonga	ESCAPA Develop- ment
August-19	Meats	90,334	0	0	0	0	0
	Eggs	7,069	0	0	0	111	0
September-19	Meat	2,594	51,656	0	0	0	0
	Eggs	0	1,719	0	0	0	0
October-19	Meat	66,573	78,494	566	324	0	1,592
	Eggs	0	11,707	0	111	111	0
November-19	Meat	10,433	160,387	0	0	740	0
	Eggs	21,205	4,295	0	0	111	0
December-19	Meat	72,879	127,870	569	0	394	1,570
	Eggs	0	699	0	0	111	0
January-20	Meat	71,944	173,609	0	0	1,091	0
	Eggs	724	550	0	0	0	0
February-20	Meat	145,842	4,700	0	0	0	0
	Eggs	0	1,139	0	0	0	0
March-20	Meat	7,170	128,089	874	0	187	254
	Eggs	15,069	1,119	0	0	111	0
April-20	Meat	78,404	102,719	0	0	0	0
	Eggs	0	6,042	0	0	0	0
May-20	Meat	55,719	56,266	0	0	0	0
	Eggs	7,069	14,580	0	0	0	0
June-20	Meat	29,314	4,709	0	0	0	0
	Eggs	0	8,706	0	0	0	0
July-20	Meat	0	54,562	879	0	0	0
	Eggs	0	9,180	0	0	0	0

Table 8 shows sea freighted meat and egg products by the two major commercial importers CITC and PRIME FOOD LTD. Wigmore, ESCAPA DEVELOPMENT and Pacific Resort Rarotonga are the other importers on Rarotonga while Pacific Resort Aitutaki occasionally get clearance through Rarotonga.

Seafreight Meat & Egg Products August 2019 to July 2020



Seafreight Fresh Produce August 2019 to July 2020

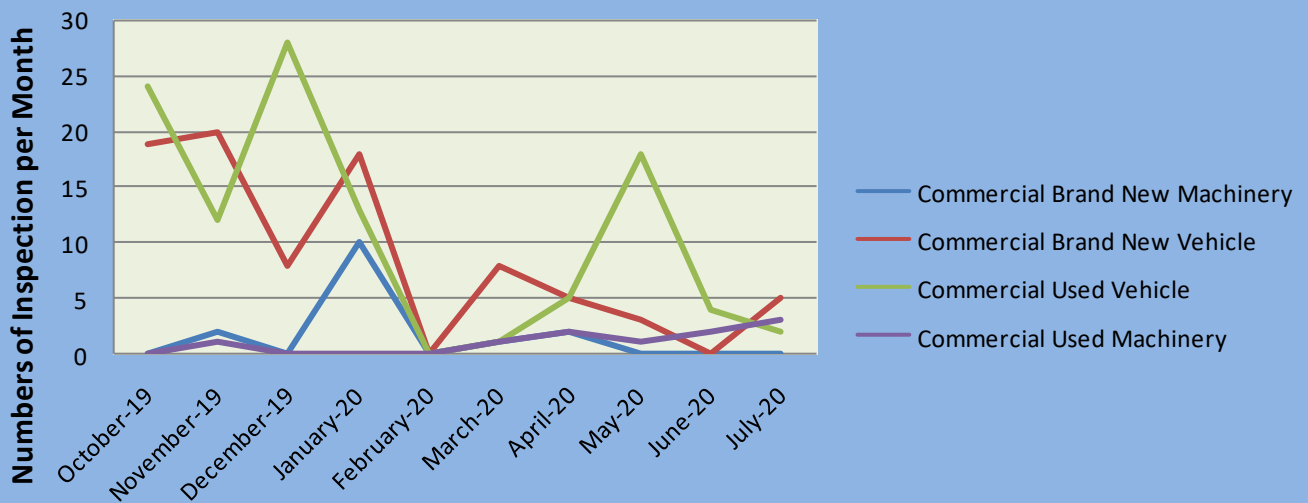


Graph 10 on top is showing what table 8 numbers looks like in a graph form. It reflects the high volume of meats and eggs imported into the country on a monthly basis and likewise table 9 and graph 11 shows the monthly importation of vegetables & fruits in the same period.

Month	CITC	PRIME Food	Pacific Resort Aitutaki
August-19	52,255	0	0
September-19	13,260	36,981	0
October-19	45,640	36,108	599
November-19	49,277	41,707	0
December-19	54,980	15,448	0
January-20	14,238	49,469	0
February-20	29,638	7,107	0
March-20	24,963	30,653	0
April-20	14,856	31,288	0
May-20	26,349	37,195	0
June-20	11,774	9,209	0
July-20	42,306	33,260	0

Commercial	Oct-19	Nov-19	Dec-19	Jan20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20
New Machinery	0	2	0	10	0	1	2	0	0	0
New Vehicles	19	20	8	18	0	8	5	3	0	5
Used Machinery	0	1	0	0	0	1	2	1	2	3
Used Vehicles	24	12	28	13	0	1	5	18	4	2
Non-Commercial										
New Machinery	2	1	0	0	0	0	0	1	0	0
New Vehicles	2	1	0	0	0	0	0	0	0	1
New Personal Effects	0	0	1	0	0	0	0	0	0	0
Used Machinery	0	4	0	0	0	0	0	0	0	1
Used Vehicles	11	11	10	11	2	0	3	2	0	3
Used Personal Effects	11	21	29	4	1	1	6	1	1	2

Sea Freight Commercial Imports Vehicle & Machinery Inspection from October 2019 to July 2020



Sea Freight Private Import Vehicle-Machinery & Personal Effect Inspection from October 2019 to July 2020

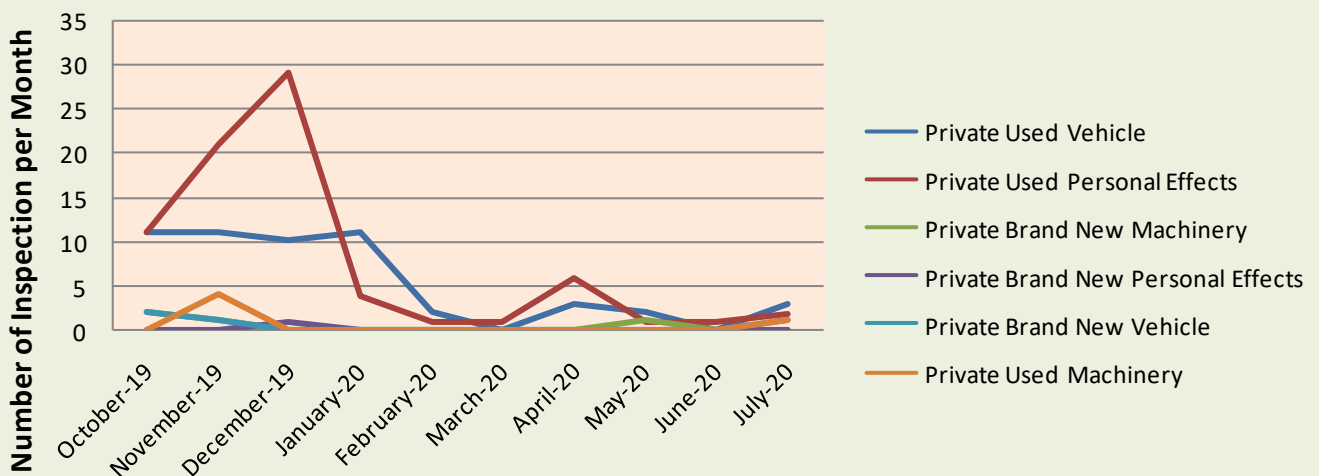
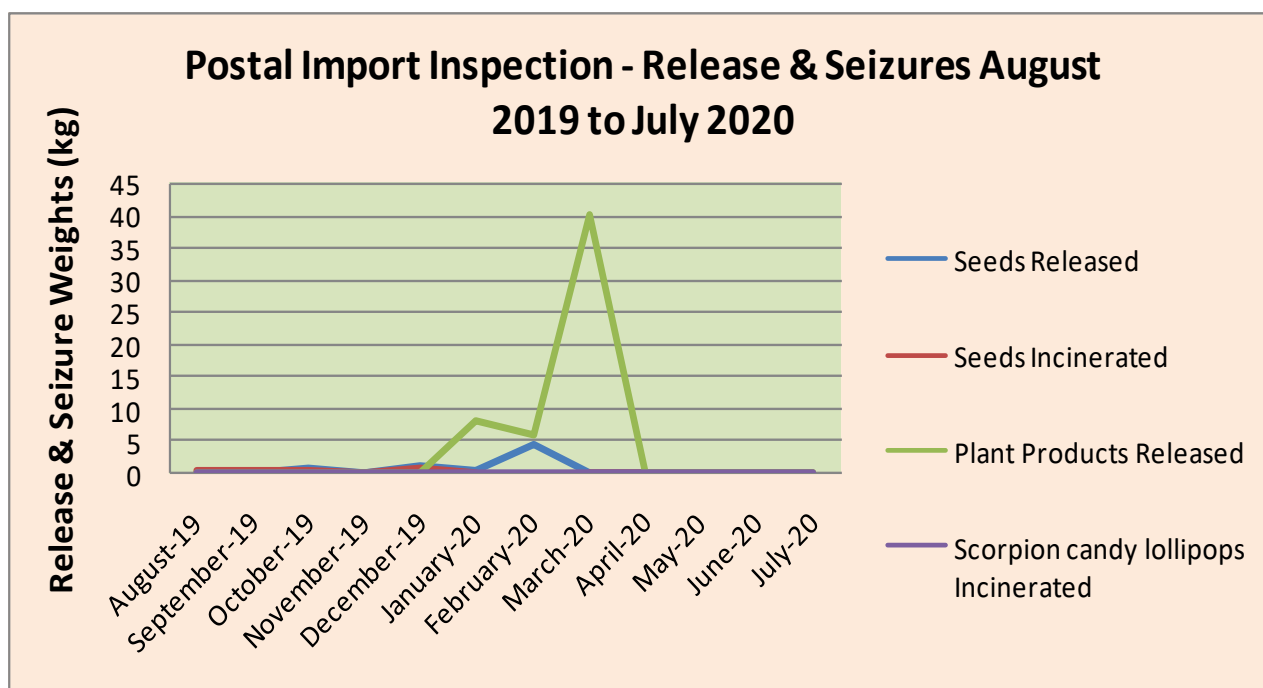


Table 10 shows total monthly imported vehicles, agricultural & construction machineries and personal effects listed for biosecurity inspection as compliance monitoring under import requirements.

Graph 12, (top graph) represents the commercial imports showing inspections are highest on used vehicles, followed by new vehicles, new machineries and used machineries.

The private imports graph 13 (bottom graph) shows that inspection is concentrated around used personal & household effects and used vehicles. These figures and graph indicates high imports of used vehicles and machineries into the country.

Month	Seeds	Seeds	Plant Product	Preserved Insects in Candy
	Release	Incinerate	Release	Incinerate
August-19	0	0.53	0	0
September-19	0.1	0.43	0	0
October-19	0.8	0.73	0	0
November-19	0.16	0.044	0	0.124
December-19	1	0.993	0	0
January-20	0.2	0.09	8	0
February-20	4.58	0	6	0
March-20	0	0	40	0
June-20	0.14	0.137	0	0
July-20	0	0	0	0



Airport & seaport is the main pathway into the Cook Islands but postal also plays an important role as an entry point for pests & disease. Most seeds seized from postal are flower or ornamental seeds that are purchased online by customers without prior application for an import permit. Table 10 and graph 13 shows the quantity of seeds that were seized and those that were released under import compliance.