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Contributors

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1. Amount of Shipping Entering the Port during 1951.

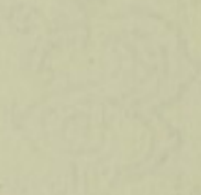
Table A.

FOR- RIGN GOING	Number	Tonnage	Number inspected		Number reported to be defective.	Number of vessels on which defects were remedied.	No. of vessels on which defects were found & reported to Min. of Transport Surveyor.	No. of vessels reported as having, or having had, during the voyage infectious disease on board. *
			by the Medical Officer of Health.	by the Sanitary Inspector.				
STEAMERS { Motor Sailing Fishing	1,181	3,151,480	510	732	214	193	3	15
			340	548	51	45	-	6
Total Foreign	1,181	3,151,480	850	1,280	265	238	3	21
COAST- WISE { Motor Sailing Fishing	8,911	1,644,179	-	340	38	34	-	-
			-	298	6	4	-	-
Total Coastwise	8,911	1,644,179	-	638	44	38	-	-
Total FOREIGN & COASTWISE	10,092	4,795,659	850	1,918	309	276	3	21

+ Figures supplied by courtesy of the Port of Bristol Authority. (Discrepancy between number of vessels shown as arriving and number shown as inspected in foreign-going section arises from differing classification of foreign-going and home-trade coastwise vessels as applied by the Port of Bristol Authority and the Bristol Port Health Authority.)

* Excluding vessels having venereal disease on board.

NOTICE



1831

Table B.

II. Character of Trade of Port.

(a) Passenger Traffic during year 1951.

(i) SEAPORT

No. of Passengers		1/Class	2/Class	3/Class	Trans- migrants	Totals
Inwards	Alien	195	-	-	-	195
	British	2064	-	-	-	2064
Outwards	Alien	95	-	-	-	95
	British	1599	-	-	-	1599

(ii) AIRPORT

No. of Passengers		1/Class	2/Class	3/Class	Trans- migrants	Totals
Inwards	Aliens	28	-	-	-	28
	British	7	-	-	-	7
Outwards	Aliens	45	-	-	-	45
	British	53	-	-	-	53

PRINCIPAL IMPORTS 1951.

Commodities	Tons
Cereal Products	71,268
Cocoa	32,150
Feeding Stuffs	120,710
Fruit:	
Bananas	34,317
Canned	6,558
Citrus	8,358
Dried	9,555
Others	6,296
Grain	854,783
Metals:	
Aluminium	48,814
Brass	37
Copper	10,246
Iron & Steel	10,029
Lead	9,416
Spelter	7,656
Molasses	34,620
Oilnuts & Oilseeds	32,662
Paper	45,518
Petroleum	1,193,732
Phosphate of Lime	75,776
Provisions:	
Bacon	531
Butter	14,308
Cheese	12,443
Eggs (Fresh & Dried)	4,317
Lard	10,157
Meat, Canned	7,488
Meat, Frozen	17,605
Milk & Milk Powder	10,998
Spirits	3,043
Sugar	44,864
Tobacco	47,914
Wine	5,555
Wood & Timber	203,299
Woodpulp	109,713
Zinc Concentrates	106,254
Other Goods	228,389
TOTAL Foreign Imports	3,439,379

PRINCIPAL EXPORTS 1951

Buildings, Prefabricated	8,507
Cement	4,734
Chemicals	4,143
Clay	21,883
Cocoa	2,056
Fertilisers	2,053
Metals (incl. Machinery)	16,183
Motor Cars, Tractors, etc.	37,594
Petroleum	37,910
Strontia	12,264
Other Goods	21,520
TOTAL Foreign Exports	168,847

Note: Figures supplied by courtesy of Port of Bristol Authority.

Table B. (c).

FOREIGN PORTS FROM WHICH VESSELS ARRIVE.

<u>Country</u>	<u>Ports</u>
Algeria	Algiers, Bona, Oran.
Argentina	Bahia Blanca, Buenos Aires, La Plata.
Australia	Adelaide, Brisbane, Fremantle, Geelong, Hobart, Launceston, Mackay, Melbourne, Port Alma, Port Pirie, Sydney, Wallaroo.
Brazil	Recife, Rio de Janeiro, Santos.
Belgian Congo	Katadi.
Belgium	Antwerp, Ghent.
Berudas Is.	
British North Borneo	Tawao.
British West Indies	Barbados, Bowden, Kingstown, Montego Bay, Oracabessa, Port Antonio, Basse Terre, Trinidad.
Burma	Rangoon.
Canada	Botwood, Halifax, Montreal, New Westminster, Picton, Port Churchill, Quebec, St. John, Three Rivers, Vancouver.
Cape Verde Is.	St. Vincent.
Ceylon	Colombo.
Chile	Valparaiso.
China	Taku.
Cuba	Newitas, Puerto Padre.
Cyprus	Famagusta.
Cyrenaica	Tripoli.
Denmark	Copenhagen, Korsens.
Dominican Rep.	Puerto Libertador, San Miguel, San Pedro.
Egypt	Alexandria, Port Said, Suez.
Ire	Cork, Dublin, Limerick.
Finland	Hango, Kotka, Santyvuoto, Oulu.
France	Bayonne, Bordeaux, Beauville, Dieppe, Dunkirk, Havre, La Pallice, L'Orient, Marseilles, Nantes, Nemours, Port de Boue, Rochon, Toumay-Charente.
French Cameroons	Tiko Is.
French Equatorial Africa	Dakar, Grand Bassam, Libreville, Monrovia, Port Gentil.
Gambia	Bathurst.
Germany	Bremen, Bremerhaven, Friedrichshaven, Hamburg, Stettin, Wismar.
Gibraltar.	
Gold Coast	Accra, Freetown, Gambia, Takoradi, Winneba.
Greece	Patras, Piraeus.
Hong Kong	
Indian Union	Bombay, Calcutta, Madras, Vizagapatam.
Indonesia	Macassar.
Iran	Abadan, Basra.
Israel	Raifa, Tel Aviv.
Italy	Genova, Livorno, Napoli, Palermo, Trieste, Venezia.
Japan	Otaru.
Jugoslavia	Dubrovnik, Rijeka.
Kenya	Mombassa.
Kuwait	Hana al Ahmedi.
Malaya	Singapore.

Continued.

Foreign Ports from which Vessels Arrive. (Continued).

<u>Country.</u>	<u>Ports.</u>
Liberia	Grand Bassa.
Malta	
Madagascar	Tamatave.
Mexico	Caripito, Tampico.
Morocco	Adagir, Casablanca, Mogador, Saffi, Sousse.
Mozambique	Beira, Mozambique, Laurenço Marques.
Netherlands	Amsterdam, Rotterdam.
Netherlands West Indies	Aruba, Curaçao.
New Zealand	Auckland, Bluff, Lyttleton, New Plymouth, Napier, Wellington.
Nigeria	Burutu, Lagos, Port Harcourt, Sapele, Victoria, Warri.
Norway	Bergen, Lørvik, Oslo, Skein, Stavanger, Trondheim, Tyssedal.
Pakistan	Chittagong.
Panama	
Persian Gulf	Bahrain Is., Ras Tanura.
Poland	Gdynia.
Portugal	Azores, Lisbon, Oporto.
Portuguese West Africa	Las Palmas (Canary Is.), Madeira, Teneriffe.
Puerto Rico	San Juan.
Rumania	Constanza.
Siam	Bangkok.
South West Africa	Walvis Bay.
Spain	Algeciras, Almeria, Barcelona, Cadiz, Gandia, San Felieu, Seville, Valencia.
Sudan	Port Sudan.
Sweden	Bogen, Gefle, Goteborg, Gothenburg, Helsingborg, Harnosand, Iggesund, Malmo, Norkoping, Stockholm, Sundsvall.
Tanganyika	Dar es Salaam, Tanga.
Tunisia	Sfax, Tunis.
Turkey	Istanbul, Izmir, Panderma.
Uruguay	Montevideo.
Union of South Africa	Cape Town, Durban, East London.
Union of Soviet Soc. Republics	Archangel, Igarka, Keret, Novorossisk, Odessa.
United States of America	Baltimore, Baton Rouge, Baytown, Beaumont, Boston, Charleston, Galveston, Houston, Los Angeles, New Orleans, New York, Norfolk, Philadelphia, Portland, Port Sulphur, Savannah, Willmington.
Venezuela	Punta Cardon.

TABLE C.

Cases of Infectious Sickness landed from Vessels. *

Disease	No. of cases during 1951.		No. of vessels concerned	Average No. of cases for previous 5 years.
	Passengers	Crew		
Anterior Poliomyelitis	-	1	1	0.2
Filariasis (Other diseases due to Helminths)	-	1	1	0.0
Influenza	-	1	1	7.0
Malaria	-	3	3	2.2
Measles	-	1	1	0.4
Mumps (Other Inf. Diseases)	-	1	1	0.8
Pulmonary Tuberculosis	-	5	5	3.2
Scarlet Fever	-	1	1	0.2
Whooping Cough	-	1	1	0.0
Total	-	15	15	-
Venereal Disease	-	468	243	535.6
Grand Total	-	483	258	-

Other diseases not included in Table C above landed from vessels. *

Disease	No. of cases during 1951.		No. of vessels concerned	Average No. of cases for previous 5 years.
	Passengers	Crew		
Circulatory System	-	3	3	5.2
Digestive "	-	30	29	27.8
Genito-Urinary "	-	5	5	5.6
Locomotor "	-	7	6	8.2
Nervous "	-	8	7	7.8
Respiratory "	-	8	8	8.8
Rheumatism	-	3	3	2.6
Skin & Cellular "	-	24	22	35.2
Traumatism	-	23	21	18.2
Ill-defined	-	7	7	4.0
Total	-	118	111	-

* Includes only cases requiring medical attention, but all were not removed from ships to hospital.

TABLE D.

Cases of Infectious Sickness occurring on Vessels during the voyage but disposed of prior to arrival.

Disease	No. of cases during 1951.		No. of vessels concerned	Average No. of cases for previous 5 years.
	Passengers	Crew		
Malaria	-	15	4	7.8
Measles	-	3	1	0.4
Mumps (Other Inf. Diseases)	-	1	1	1.0
Total	-	19	6	-

Other diseases not included in Table D above occurring on Vessels during the voyage but disposed of prior to arrival.

Disease	No. of cases during 1951.		No. of vessels concerned	Average No. of cases for previous 5 years.
	Passengers	Crew		
Circulatory System	-	2	2	2.2
Digestive "	1	7	7	2.0
Genito-Urinary "	-	1	1	0.6
Nervous "	-	2	2	1.0
Respiratory "	1	3	4	1.0
Skin & Cellular "	-	1	1	1.0
Traumatism	-	1	1	0.8
Ill-defined	-	1	1	0.6
Total	2	18	19	-

Other diseases not included in Table D above occurring on Vessels during the voyage but disposed of prior to arrival.

Table No. (2)

Rats destroyed during the year - 1951.
ON DOCKS, QUAYS, WHARVES & WAREHOUSES.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total in Year
Black ...	33	24	25	25	11	8	12	25	11	52	55	7	288
Brown ...	206	198	235	68	78	190	40	76	90	88	152	59	1,480
Species not recorded	-	-	-	-	-	-	-	-	-	-	-	-	-
Examined ...	186	114	152	18	35	54	-	33	33	45	36	2	708
Infected with Plague	-	-	-	-	-	-	-	-	-	-	-	-	-

Table G.
 Measures of Rat Destruction on Plague "Infected" or "Suspected" Vessels or Vessels from Plague infected ports arriving in the Port during the year 1951.

Total number of such vessels arriving.	Number of such Vessels fumigated by SO2.	Number of Rats killed.	Number of such Vessels fumigated by HCN.	Number of Rats killed	Number of such vessels on which trapping, poisoning etc. were employed.	Number of Rats killed.	Number of such Vessels on which measures of rat destruction were not carried out.
1.	2.	3.	4.	5.	6.	7.	8.
52	-	-	-	-	-	-	52

Table H.

Deratisation Certificates and Deratisation Exemption Certificates issued during the year - 1951.

Net Tonnage	Number of Ships	No. of Deratisation Certificates Issued						Total Certificates issued.
		After fumigation with H.C.M.		After trapping poisoning etc.		Total	No. of Deratisation Exemption Certificates.	
		Sulphur H.C.M.	Sulphur and Sulphur	5.	6.			
1.	2.	3.	4.	5.	6.	7.	8.	9.
Ships up to 300 tons	19	-	-	-	-	-	19	19
" from 301 - 1,000	29	1	-	-	-	1	28	29
" " 1,001 - 3,000	12	4	-	-	-	4	8	12
" " 3,001 - 10,000	87	14	-	-	-	14	73	87
" over 10,000 tons	-	-	-	-	-	-	-	-
Totals:-	147	19	-	-	-	19	128	147

VI. Hygiene of Crews' Spaces.

Table J. - Classification of Nuisances.

Nationality of Vessel	Number inspected during the year	Defects of original construction.	Structural defects through wear and tear.	Dirt, vermin and other conditions prejudicial to health.
British	1,278	35	415	584
Other Nations	640	1	12	79
Totals	1,918	36	427	663

<p>1. The first part of the book is devoted to a general introduction to the subject of the history of the world.</p>	<p>2. The second part of the book is devoted to a detailed account of the history of the world from the beginning of the world to the present time.</p>	<p>3. The third part of the book is devoted to a detailed account of the history of the world from the present time to the future.</p>	<p>4. The fourth part of the book is devoted to a detailed account of the history of the world from the future to the end of the world.</p>	<p>5. The fifth part of the book is devoted to a detailed account of the history of the world from the end of the world to the beginning of the world.</p>
<p>6. The sixth part of the book is devoted to a detailed account of the history of the world from the beginning of the world to the present time.</p>	<p>7. The seventh part of the book is devoted to a detailed account of the history of the world from the present time to the future.</p>	<p>8. The eighth part of the book is devoted to a detailed account of the history of the world from the future to the end of the world.</p>	<p>9. The ninth part of the book is devoted to a detailed account of the history of the world from the end of the world to the beginning of the world.</p>	<p>10. The tenth part of the book is devoted to a detailed account of the history of the world from the beginning of the world to the present time.</p>
<p>11. The eleventh part of the book is devoted to a detailed account of the history of the world from the present time to the future.</p>	<p>12. The twelfth part of the book is devoted to a detailed account of the history of the world from the future to the end of the world.</p>	<p>13. The thirteenth part of the book is devoted to a detailed account of the history of the world from the end of the world to the beginning of the world.</p>	<p>14. The fourteenth part of the book is devoted to a detailed account of the history of the world from the beginning of the world to the present time.</p>	<p>15. The fifteenth part of the book is devoted to a detailed account of the history of the world from the present time to the future.</p>
<p>16. The sixteenth part of the book is devoted to a detailed account of the history of the world from the future to the end of the world.</p>	<p>17. The seventeenth part of the book is devoted to a detailed account of the history of the world from the end of the world to the beginning of the world.</p>	<p>18. The eighteenth part of the book is devoted to a detailed account of the history of the world from the beginning of the world to the present time.</p>	<p>19. The nineteenth part of the book is devoted to a detailed account of the history of the world from the present time to the future.</p>	<p>20. The twentieth part of the book is devoted to a detailed account of the history of the world from the future to the end of the world.</p>

VII. Food Inspection. (1).

Meats (Condemned)

Description	Decomposition and Mould.	Brine Stain	Contamination and Taint	Total
	T. C. Q. lb.	T. C. Q. lb.	T. C. Q. lb.	T. C. Q. lb.
Beef			1. 3. 10	1. 3. 10
Lamb		7. 2. 21	1. 0. 21	8. 3. 14
Poultry	1. 1. 21			1. 1. 21
Prepared Meats	4. 2. 25			4. 2. 25
Total	6. 0. 18	7. 2. 21	3. 0. 3	16. 3. 14

Canned Goods (Condemned)

Description	Reason for Condemnation	Quantity (Tins)	Quantity			
			T.	C.	Q.	lb.
Cnd. Meats	Blown, burst, rust	187		3.	2.	8
" Fruits	holed, pierced or	4004	2.	16.	1.	17
" Vegetables	crushed.	361		4.	3.	17
" Tomatoes	"	4694	3.	11.	0.	4
" Tomatoe Paste	"	41		4.	0.	18
" " Soup	"	181		1.	2.	13
" Jams	"	1340		13.	2.	17
" Fruit Juices	"	44			1.	23
" Evap. Milk	"	4613	1.	17.	3.	9
Jars Mincemeat	Broken & contam.	588		4.	3.	21
Total	--	16053	9.	18.	2.	7

Miscellaneous Foods (Condemned)

Description	Reason for Condemnation	T.	C.	Q.	lb.
Fresh Fruit	Decomposition/Mould/Contam.	364.	13.	0.	15
Dried "	Decomposition/Insect Infes.	2.	7.	3.	18
	Fermentation/Mould/Contam.				
Fresh Vegetables	Decomposition/Contamination	7.	15.	1.	26
Dried "	Perished/Weevil Infestation	1.	7.	0.	13
Bulk Mincemeat	Containers brkn. - contam.	1.	2.	0.	12
Flour	Gross Contam./Mouldy		15.	0.	0
Quaker Oats	Wet damage/Mould	1.	0.	1.	10
Wheat	Oil, water & mould contam.	39.	7.	0.	0
Barley	Contamination	4.	9.	1.	27
Biscuits	Perished/Mouldy		1.	1.	4
Fondant	Gross contamination			2.	0
Cake	Rodent contamination			3.	1
Tea	Mould		1.	1.	27
Coffee	Wet damage/Mould		2.	1.	0
Pickles	Perished			1.	12
Butter	Rancidity				27
Eggs	Decomposed				17
Total	--	423.	4.	2.	13

VII. Food Inspection. (1)

Particulars of Foods Detained
for Reconditioning at Local or other Food Depots.

Description of Food	Quantity	Reason for Detention	Tons (approx)
Frozen Lambs	340	Brine staining	5
Cheese	66crates	Wet damaged	10
Butter	23lctns.	Ice damaged	6
Butter Milk Powder	350bags	Wet & mould damaged	13
Desiccated Coconut	104boxes	Wet damaged	5
Lard	641 "	Mouldy & stained containers	8
Cnd. Tomatoes	2460tins	Stained & rusty tins	56
" Milk	2668 "	" " " "	57
" Fruit	596 "	" " " "	13
Dried Fruit	724ctns.	Heating & slight ferment.	11
Flour	58lsacks	Wet damage & mould	36
Tea	6lchests	Wet damaged	3
Total	--	--	223

Note: . Forward notices were sent to the appropriate Health Authorities where damaged foods were released to reconditioning depots outside Bristol.

VII. Food Inspection. (3).

Samples of Imported Foodstuffs taken 1951 and sent for examination by the Analyst or Bacteriologist.

No. of Samples	Description of Commodity	Country of Origin	Exam. for*	Result
1	Bakers' Tin Greasing Emulsion	Holland	S	Satisfactory
1 tin	Bananas in Syrup	Holland	M	"
1 "	Bananas in Jelly	Jamaica	M	"
1 "	Beans in Tomato Sauce	S.Africa	M	"
1	Blackcurrant Pulp	Holland	P	SO ₂ 970 ppm.
2 "	Cherries in Syrup	Australia	M	Satisfactory
1 jar	Fruit Salad	B.W.I.	S	"
1 tin	Goldenberries	S.Africa	M	"
1 "	Grapefruit Juice	Jamaica	M	"
5 "	Grapes in Light Syrup	S.Africa	B.M	Satis. for tin and bact. but signs of active ferment.
1 "	Guavas	S.Africa	M	Satisfactory
12 pkts	Jelly Crystals	S.Africa	S	"
1	Lard	U.S.A.	S	Inorganic colouring matter on wrappings Harmless - Re-pack.
2	Lemon Gurd	Eire	S	Sound (misrep. of contents on label)
4	Lollipops	B.W.I.	S.M	Satisfactory
1 tin	Luncheon Meat	Denmark	S	"
1 "	Luncheon Meat	Holland	S	"
2 "	Luncheon Meat	Czech.	S	"
1	Marshmallow Powder	B.W.I.	S	"
1 "	Mince-meat	Australia	P	"
3 "	Mince-meat	Eire	S	"
1 "	Orange Juice	Jamaica	M	Tin 1.1 gr/lb. Signs of attack.
3	Orange Juice	B.W.I.	P	SO ₂ 1260-1670 ppm.
7 "	Orange Juice	S.Africa	M	Tin 60-200 ppm.
1 "	Oranges in Syrup	S.Africa	M	Satisfactory
1 "	Oranges in Syrup	Israel	M	"
2 Jars	Peaches in Syrup	Eire	S	Insignificant amount foreign bodies present. Harmless.
6 tins	Peas	S.Africa	M	Satisfactory
4 "	Pilchards	S.Africa	M	"
2 "	Pineapple Juice	S.Africa	P	"
1 "	Pineapples	S.Africa	M	"
2 jars	Pineapples in Syrup	Eire	S	Insignificant amount foreign bodies present. Harmless.
2 tins	Pork Sausages	S.Africa	S	Satisfactory
2 "	Prunce in Syrup	B.W.I.	M	"
2	Raspberry Pulp	Holland	P	"
22 "	Sardines	Portugal	M	"
1	Strawberry Pulp	Holland	P	"

Continued.

* Key Examined for:
 B Bacterial contam.
 M Metallic "
 P Preservatives.
 S Soundness or purity.

Samples of Imported Foodstuffs (Continued).

8

No. of Samples	Description of Commodity	Country of Origin	Exam. for*	Result
1 tin	Strawberries in Syrup	Denmark	M	Satisfactory
1 "	Strawberries in Syrup	Holland	M	"
3	Tea	India	S	Insignificant amount foreign bodies present. Harmless.
3	Tea	India	S	Satisfactory
6	Tea	Ceylon	S	"
1	Tea	India	S	Unsatisfactory. Condemned.
1 tin	Tomato Soup	Australia	M	Satisfactory
12 "	Tomatoes	Italy	B.M	Metals satis. Bacterial contam. Full examination.
3 "	Tomatoes	B.W.I.	M	Satisfactory
1	Wheat	Australia	S	Contam. with Zinc Concentrate. Could be separated & cleaned.
8 tins	Whipping Compound (Morfat)	Norway	S.B	Satisfactory

* Key Examined for:
 B Bacterial contam.
 M Metallic "
 P Preservatives
 S Soundness or purity.

Drinking Water samples from Ships
1951.

Vessel	Result
ss B.P.1. (Tug - Water boat)	Satisfactory
ss B.P.1. " "	"
ss Camerton	High bacterial count. Wash out.
ss Camerton	Satisfactory
ss City of Colchester (Calcutta Water) (Port Said Water)	{ Bacterial count above safe limit. { Wash out both tanks.
ss Dunkerton	Satisfactory
ss Eskridge	Bacteriologically unsatis. Wash out.
ss Fredor	Unsatis. bacterial ratio. Unfit.
ss Portway (For'd tank)	Unsatis. bacterial ratio. Unfit.
ss Portway (Midship ")	Satisfactory
ss Salton	"
ss Sandholm	"
ss Steepholm	Undesirable bacterial activity.
ss Steepholm	Undesirable bacterial activity.
ss Steepholm	Satisfactory