

1905.

TYNE PORT SANITARY AUTHORITY.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

NEWCASTLE-UPON-TYNE :

ANDREW REID & COMPANY, LIMITED, PRINTING COURT BUILDINGS.

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Tyne Port Sanitary Authority.

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER, DATED 29TH MARCH, 1897.

Elected by the Corporation of Newcastle.

ALDERMAN JOHN GOOLDEN.
ALDERMAN WILLIAM EDWARD KIRBY.
COUNCILLOR GEORGE CHRISTOPHER COATES (*Vice-Chairman*).
ALDERMAN ADAM WILSON.
COUNCILLOR HENRY FORSTER.
COUNCILLOR JAMES DUNCAN FARQUHARSON.
COUNCILLOR JOHN MATTHEW OUBRIDGE.
COUNCILLOR WILLIAM BRAMBLE.

Elected by the Corporation of Gateshead.

ALDERMAN EDWARD SMITH HINDMARSH (*Chairman*).
ALDERMAN WILLIAM CLOUGH.
ALDERMAN ALEXANDER GILLIES.

Elected by the Corporation of South Shields.

ALDERMAN THOMAS DUNN MARSHALL.
ALDERMAN JOHN ROBERT LAWSON.
COUNCILLOR ERNEST HENRY GIBBON.

Elected by the Corporation of Tynemouth.

ALDERMAN GEORGE DOBSON THOMPSON.
COUNCILLOR WILLIAM DODDS.

Elected by the Corporation of Jarrow.

COUNCILLOR ROBERT ARCHBOLD.

Elected by the Corporation of Wallsend.

ALDERMAN GEORGE AUBURN ALLAN.

Elected by the Felling Urban District Council.

DR. WILLIAM YEATES.

Elected by the Hebburn Urban District Council.

COUNCILLOR BERNARD KELLY.

Elected by the Blaydon Urban District Council.

COUNCILLOR JOHN RAINE.

Elected by the Newburn Urban District Council.

COUNCILLOR HENRY CROOKSHANKS.

Elected by the Whickham Urban District Council.

COUNCILLOR WILLIAM DONNELLY.

Elected by the Willington Quay Urban District Council.

COUNCILLOR JOHN CLAVERING.

Officers :

Medical Officer of Health	...	...	...	...	WM. EDMUND HARKER, M.D., B.S., D.HY.
Clerk and Solicitor	...	...	...	...	R. SHERITON HOLMES.
Treasurer	...	...	...	...	JOHN J. PACE.
Inspector of Nuisances	...	..	..	...	CHARLES IRVIN.
Assistant Inspectors	...	...	...	...	JOHN RUSSELL, T. W. STURDY, J. W. DAVISON.

Offices : Caledonian Buildings, 145, Pilgrim Street, Newcastle-upon-Tyne.

Inspector's Station : Tyne Port Sanitary Offices, Mill Dam, South Shields.

Tyne Port Sanitary Authority.

TYNEMOUTH,

NORTHUMBERLAND,

January, 1906.

MR. ALD. EDWARD SMITH HINDMARSH, J.P.,

CHAIRMAN OF THE TYNE PORT SANITARY AUTHORITY.

SIR,

I have the honour to present herewith my Annual Report for the year 1905.

During the year 24 patients were treated in the Floating Hospital, an increase of 15 cases as compared with 1904. No cases of Cholera or Plague occurred in the Port.

I am, Sir,

Your obedient Servant,

W. EDMUND HARKER

TYNE PORT SANITARY AUTHORITY.

Report of the Medical Officer of Health for the Year ended 31st December, 1905.

Infectious Disease in the Port.—Patients admitted into the Floating Hospital.

During 1905, 24 patients have been treated in the Floating Hospital. The subjoined Table gives particulars as to the cases and their issue:—

TABLE I.

Floating Hospital.

Date of Admission.	Disease.	Cases Admitted.	Name of Vessel.	Where from.	Result.
1904. Sept. 20th ...	Bubonic Plague...	1	s.s. "Bishopsgate" ...	Rosario, Hamburg ...	Discharged Jan. 13, 1905
1905. Feb. 16th ...	Beri Beri... ..	1	s.s. "Zulu"	Buenos Ayres ,, ...	,, Mar. 20, ,,
Mar. 31st ...	" "	1	" "	" " " " ...	,, May 8, ,,
May 8th ...	Smallpox... ..	2	s.s. "Khartoum" ...	Eupatoria	,, " 23, ,,
" " ...	Suspected Smallpox	3	" "	" " " " ...	,, " 12, ,,
" 9th ...	" "	2	" "	" " " " ...	,, " " " "
June 5th ...	Enteric Fever ...	1	s.s. "Hannah M. Bell"	Gulf Port, Hamburg...	,, July 1, ,,
July 26th ...	" "	1	s.s. "Portugalete" ...	Bilbao	,, Sept. 8, ,,
Sept. 6th ...	Suspected Cholera	1	s.s. "Maasstad" ...	Hamburg	,, " 15, ,,
" 21st ...	Malta Fever ...	1	s.s. "Treneglos" ...	Sulina	,, Oct. 20, ,,
" 24th ...	" "	1	s.s. "Rockcliffe" ...	Rotterdam	,, " " " "
" 27th ...	Suspected Plague	1	s.s. "Johannesburg" ...	Cape Town, London...	Died Sep. 27, ,,
Oct. 1st ...	Tonsilitis	1	" " " "	" " " " ...	Discharged Oct. 27, ,,
" 3rd ...	Febricula	1	s.s. "Bakio"	Rotterdam	,, " 4, ,,
" 17th ...	Suspected Plague	1	s.s. "Oronsay"	Kurrachee	,, " 23, ,,
" 18th ...	Diphtheria	1	s.s. "Brookwood" ...	Pensacola, Hull ...	,, " 28, ,,
" 20th ...	Suspected Enteric Fever	1	s.s. "Dargai"	Sulina, Rotterdam ...	,, " 23, ,,
" 22nd ...	Enlarged Glands*	1	s.s. "Grenadier" ...	Rotterdam	,, " " " "
Nov. 5th ...	" "	1	s.s. "Anglo African" ...	Bremen	,, Nov. 6, ,,
" 11th ...	Dysentery	1	s.s. "Atlas"	Sulina, Antwerp ...	,, " 14, ,,
		24			

* Cases removed to Hospital as Suspected Plague.

Vessels Boarded by the Medical Officer of Health.

29 vessels have been visited by Medical Officer of Health on account of reported or suspected sickness on board.

The following table gives the list of vessels boarded during 1905 by the Medical Officer of Health on account of disease on board during the voyage, or at the time of arrival in the Tyne:—

TABLE II.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
Feb. 10	s.s. "Royal Dane"	British ...	Hamburg ...	Smallpox ...	Medical Officer of Health visited this vessel on account of one of the crew having developed Smallpox after arrival. The vessel and effects of the crew were thoroughly disinfected, and their names and addresses forwarded to the respective Medical Officers of Health.
„ 15	s.s. "Zora"	... Austrian	Kurrachee ...	Plague Infected Port	Medical Officer of Health physically examined the crew. No sickness. Vessel afterwards fumigated with Sulphur Di Oxide for the destruction of rats.
„ 18	s.s. "Clio"	... „ ...	Porman, Middlesbro'	Influenza ...	One of the seamen was found suffering from Influenza. Medical treatment recommended.
Mar. 11	s.s. "Tapton"	... British ...	Port Elizabeth	Non-infectious ...	A seaman was found suffering from a non-infectious complaint. Medical treatment recommended.
„ 13	s.s. "Aberlour"	... „ ...	—	—	Medical Officer of Health visited this vessel to witness the trial of Clayton's Patent Fire Extinguisher and Fumigator.
May 2	s.s. "Sandyford"	... „ ...	Rangoon ...	Malarial Fever ...	Medical Officer of Health examined two of the crew who were suffering from the effects of Malarial Fever, and recommended their removal to the Royal Infirmary, Newcastle.
„ 8	s.s. "Khartoum"	... „ ..	Eupatoria ...	Smallpox ...	Medical Officer of Health examined two of the crew and found them suffering from Smallpox. They were at once removed to the Floating Hospital. Five contacts were also removed to the Floating Hospital for further observation. The crew-spaces and all the crew's effects were thoroughly disinfected. Water tanks were also cleansed before refilling. The remainder of the crew were all vaccinated.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
June 5	s.s. "Hannah M. Bell"	British ...	Hamburg ...	Enteric Fever ...	Medical Officer of Health boarded vessel and found one of the crew suffering from Enteric Fever. The patient was removed to the Floating Hospital. The remainder of the crew were examined and found all well. The crew-space was thoroughly disinfected and the tanks cleansed and refilled.
„ 23	s.s. "Midnight Sun"	„ ...	Bergen ...	Non-infectious ...	Medical Officer of Health examined the second steward and found him suffering from a non-infectious complaint. He was removed to the Royal Infirmary, Newcastle.
„ 24	s.s. "Matin" ...	„ ...	Kurrachee, Hull	„	Medical Officer of Health examined two of the Lascar crew and found them suffering from a non-infectious complaint. The remainder of the crew were examined and found all well. The vessel was fumigated with Sulphur Di Oxide for the destruction of rats.
July 10	s.s. "Cairnmohr" ...	„ ...	Rosario ...	Plague Suspected Port	Medical Officer of Health physically examined the crew and found them all well. Instructions were given for the vessel to be fumigated after discharging cargo.
„ 10	s.s. "Sovereign" ...	Norwegian	Christiania...	—	Medical Officer of Health visited the vessel and inspected the emigrants. All were found well.
„ 26	s.s. "Portugalete" ...	Spanish ...	Bilbao, Middlesbro'	Enteric Fever ...	The second officer was found suffering from Enteric Fever and was removed to the Floating Hospital. The water tanks were emptied and thoroughly cleansed, and the crew-space disinfected.
„ 27	s.s. "Ethelreda" ...	British ...	Rosario ...	—	Medical Officer of Health inspected the crew and found them all well. Instructions were given for the fumigation of the vessel after discharging cargo.
Aug. 4	s.s. "Nanette" ...	„ ...	„ ...	Plague Suspected Port	Medical Officer of Health physically examined the crew and found all well. No sickness. Vessel fumigated after discharging cargo.
Sept. 4	s.s. "Lavinia Westoll"	„ ...	Hamburg ...	Cholera Infected Port	Medical Officer of Health boarded the vessel and inspected the crew and found all well.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
Sept. 5	s.s. "John Fothergill"	British ...	Antwerp ...	Non-infectious ...	Medical Officer of Health visited the vessel and found one of the crew suffering from a non-infectious complaint. Medical treatment recommended.
„ 6	s.s. "Maasstad" ...	Dutch ...	Hamburg ...	Suspected Cholera	Medical Officer of Health boarded this vessel at Dunston and found one of the crew, a fireman, suffering from Diarrhœa with pains and cramp and collapse, which pointed to Cholera. The patient was at once removed to the Floating Hospital. The remainder of the crew were examined and found all well. Subsequently the vessel was brought down to the Quarantine Buoys and thoroughly disinfected. The case afterwards proved to be due to irritant poisoning. The patient recovered.
„ 7	s.s. "Royal Dane"	British ...	„ ...	Cholera Infected Port	Medical Officer of Health boarded the vessel and examined the crew and found all well.
„ 7	s.s. "Bentinck" ...	„ ...	„ ...	—	Medical Officer of Health boarded the vessel and examined the crew and found all well.
„ 7	s.s. "Moto" ...	„ ...	„ ...	—	Medical Officer of Health boarded the vessel and examined the crew and found all well.
„ 23	s.s. "Port Dennison"	„ ...	Barcelona ...	—	Medical Officer of Health boarded the vessel and medically examined the crew and found them all well.
„ 27	s.s. "Johannesburg"	„ ...	Cape Town, London	Suspected Plague	A case of suspicious illness was reported by the Surgeon in attendance on this vessel lying at St. Peter's, Newcastle. The vessel was boarded promptly by the Medical Officer of Health, and the patient, a Lascar seaman, was found suffering from a Glandular enlargement in the neck which suggested Plague. He was at once removed to the Floating Hospital where he died shortly after. A portion of the gland was removed <i>post mortem</i> and sent to the Medical Officer of the Local Government Board for bacteriological examination, which gave negative results. Death was due to acute septicæmia.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Sept. 27	s.s. "Mercur" ...	Norwegian	Bergen ...	—	Medical Officer of Health inspected the crew and passengers and found all well.
Oct. 1	s.s. "Johannesburg"	British ...	Cape Town, London	Tonsilitis ...	One of the Lascar crew was removed to the Floating Hospital for isolation. The case proved to be one of Tonsilitis.
,, 10	s.s. "Rasmora" ..	,, ...	Kurrachee ...	Non-infectious ...	One of the Lascar seamen was found to be suffering from a non-infectious complaint. Medical treatment recommended.
,, 13	s.s. "Kirriemoor"...	,, ..	Hamburg ...	Cholera Infected Port	Medical Officer of Health physically examined the crew and found two seamen suffering from a non-infectious complaint. Medical treatment recommended.
,, 17	s.s. "Oronsay" ...	,, ...	Kurrachee ...	Suspected Plague	A Lascar seaman was found to be suffering from suspected Plague and was removed to the Floating Hospital. A portion of the patient's blood was sent to the Medical Officer of the Local Government Board for bacteriological examination, which proved to be negative.
,, 18	s.s. "Brookwood"...	,, ...	Pensacola, Hull	Diphtheria ...	One of the seamen was found to be suffering from Diphtheria and was removed to the Floating Hospital for treatment. The patient was injected with anti-toxin and made a good recovery.

SMALLPOX AND SUSPECTED SMALLPOX.

Date.	Name of Vessel.	From.	On Voyage	On or after Arrival.	Remarks.	Notes on Arrival in Tyne.
1905. Feb. 10	... s.s. "Royal Dane" ...	Hamburg ...	—	1	Case removed to City Hospital.	1905. Vessel and crew's effects disinfected here.
March 4	... s.s. "Sigyn" ...	Alexandria and London	1	—	Case landed at London.	Vessel disinfected at London
Apr. 1	... s.s. "Waterville" ...	Cette and Algiers	2	—	Cases landed at Cette.	Vessel disinfected at Cette.
„ 8	... s.s. "Devona" ...	Portland Maine and London	1	—	Case landed at Portland Maine.	Vessel disinfected at Portland.
„ 9	... s.s. "Tyne" ...	Santander and London	1	—	Case landed at London.	Vessel disinfected at London
„ 25	... s.s. "Ariel" ...	Bombay and Rotterdam	2	—	Cases landed at Suez.	Vessel disinfected at Suez.
May 8	.. s.s. "Khartoum" ...	Eupatoria ...	—	7	Cases removed to Floating Hospital.	Vessel and crew's effects disinfected here.
„ 19	... s.s. "T. R. Thompson"	Bombay and Dunkirk	1	—	Case treated on Vessel.	
			8	8		

INFLUENZA.

Nineteen cases reported on voyage and on arrival.

ENTERIC OR TYPHOID FEVER.

Date.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on arrival in Tyne.
1905. March 4	... s.s. "Cragside" ...	Rosario and Hull	1	—	Case landed at Hull.	1905. Vessel disinfected at Hull.
June 5	... s.s. "Hannah M. Bell"	Gulfport and Hamburg	3	1	Case removed to Floating Hospital.	Vessel disinfected here.
July 26	... s.s. "Portugalete" ...	Bilbao and Middlesbro.'	—	1	Case removed to Floating Hospital.	Vessel disinfected here.
Aug. 16	... s.s. "Russian Prince" ..	Philadelphia and Rouen	1	—	Case landed at Philadelphia.	Vessel disinfected at Philadelphia.
Oct. 2	.. s.s. "Spithead"	China and Rotterdam	1	—	Case fatal during the voyage	
„ 11	... s.s. "Saxon Prince" ...	Durban and Rotterdam	1	—	Case fatal during the voyage.	
„ 20	... s.s. "Dargai" ...	Sulina and Rotterdam	—	1	Case removed to Floating Hospital.	Vessel disinfected here.
„ 21	... s s. "Nord Amerika" ...	Quebec and Sunderland	2	—	Case landed at Sunderland.	Vessel disinfected at Sunderland.
			8	3		

DIARRHŒA, CHOLERAIC DIARRHŒA AND SUSPICIOUS CASES.

Date	Name of Vessel.	From.	No. of Cases.	
			On Voyage.	On or after Arrival.
1905.				
June 26 ...	s.s. "Nelson" ...	Algiers, Benisaf ...	2	—
Aug. 4 ...	s.s. "Ellenia" ...	Novorossisk, Hamburg ...	1	—
" 28 ...	s.s. "Thorpe Grange" ...	Buenos Ayres, Hull ...	1	—
Sept. 6 ...	s.s. "Maasstad" ...	Hamburg ...	—	1
Oct. 25 ...	s.s. "Ellenia" ...	Odessa, Rotterdam ...	3	—
Nov. 30 ...	s.s. "Nedenes" ...	London ...	—	1
Dec. 14 ...	s.s. "Oceana" ...	Bangkok, Dunkirk ...	2	—
" 18 ...	s.s. "Zephyrus" ...	Campana ...	1	—
Total ...			10	2

MALARIAL FEVER.

1905.				
Jan. 4 ...	s.s. "Alston" ...	Galveston, Hamburg ...	1	—
" 18 ...	s.s. "Jenny" ...	Baltic, Amsterdam ...	1	—
May 2 ...	s.s. "Sandyford" ...	Batavia, Rangoon ...	6	—
" 8 ...	s.s. "Winifred" ...	Rosario, Rotterdam ...	2	—
Oct. 9 ...	s.s. "Cairnlyon" ...	West Africa, Hamburg ...	17	—
Dec. 2 ...	s.s. "Egholm" ...	Hamburg ...	4	—
Total ...			31	0

DYSENTERY.

1905.				
May 6 ...	s.s. "Raithwaite" ...	River Plate, Hamburg ...	1	—
Sept. 14 ...	s.s. "Enidwen" ...	Rotterdam, Blyth ...	1	—
Nov. 13 ...	s.s. "Atlas" ...	Sulina, Antwerp ...	—	1
Dec. 14 ...	s.s. "Oceana" ...	Bangkok, Dunkirk ...	2	—
Total ...			4	1

GENERAL SICKNESS ON BOARD

The subjoined Table gives a return of cases of Sickness* reported by Masters notice of the Tyne Port Officials

TABLE

DATE. 1905.	Smallpox or Suspected Smallpox.	Malarial Fever.	Enteric or Typhoid Fever.	Diarrhoea or Choleraic Diarrhoea.	Influenza.	Heart Disease.	Dysentery.	Suspected Plague.	Diphtheria.	Mediterranean Fever.	Inflammation.	Boils.	Blood Poisoning.	Veneral.
January ... ..	...	2	...	...	12	...	...	...	...	...	...	...	...	3
February	1	...	...	...	1	...	...	...	...	...	1	...	...	6
March	1	...	1	...	1	x 2	...	...	...	...	...	1	1	4
April	6	...	...	...	...	xx 3	...	...	...	...	2	...	...	7
May	oooo oooo 8	8	...	...	x 1	x 2	1	...	...	...	2	...	...	7
June ... ..	...	...	o 4	2	...	x 1	...	...	...	...	1	1	...	3
July ... ..	...	...	o 1	...	...	x 1	...	...	...	...	...	...	...	3
August ... ..	...	...	1	2	2	xxx 3	...	...	...	...	...	1	1	2
September ... ..	...	...	...	o 1	...	xx 2	1	o 1	...	oo 2	...	...	...	...
October ... ..	...	17	xxo 5	3	...	...	...	o 1	o 1	...	1	...	...	xo 7
November ... ..	...	...	...	...	...	x 1	o 1	...	...	...	x 1	1	1	2
December ... ..	...	4	...	4	2	x 1	2	...	...	...	3	...	1	1
TOTALS	16	31	12	12	19	16	5	2	1	2	11	4	4	45

The names of the Diseases during voyage are given as reported by the Masters of the Vessels.

VESSELS ARRIVING IN TYNE PORTS.

of Vessels as having occurred during the Voyage, or coming under the
in each month of the year 1905.

IV.

Consumption.	Rheumatism.	Cold.	Lumbago.	Pneumonia.	Pleurisy.	Tonsillitis.	Cramp.	Indigestion.	Rupture.	Beri Beri.	Debility.	Accidents.	Insanity.	Paralysis.	Intemperance.	Appendicitis.	Bronchitis.	TOTALS.
x 1	1	10	1	...	...	...	1	...	2	x 2	...	x 7	...	x 1	...	...	2	45
x 2	1	7	...	...	2	1	1	...	1	o 1	...	11	xx 2	1	2	...	1	42
...	4	5	...	...	...	1	...	2	1	o 1	1	x 9	...	...	1	...	1	37
x 2	1	8	...	...	...	...	1	2	...	...	1	x 6	...	...	...	...	1	40
3	3	2	...	1	...	...	...	2	...	...	1	x 6	...	...	...	2	...	49
...	1	7	...	2	1	1	1	1	...	...	1	x 7	...	2	...	...	2	38
1	1	8	...	...	...	1	1	1	1	...	...	4	...	...	...	...	2	25
1	...	3	2	x 1	1	...	...	1	...	...	...	6	...	...	1	...	2	30
1	1	...	2	...	...	1	...	...	...	...	...	8	x 1	x 1	1	1	...	24
x 1	2	10	...	...	1	o 2	1	3	1	9	...	5	x 1	...	...	...	...	71
1	4	7	1	x 2	1	...	...	2	...	...	...	2	xx 2	...	...	...	2	31
1	2	7	...	...	...	2	1	...	...	...	...	x 11	...	...	...	...	1	43
14	21	74	6	6	6	9	7	14	6	13	4	82	6	5	5	3	14	475

x Deaths.

o Removed to Tyne Floating Hospital.

* Removed to Shore Hospitals.

Vessels arriving from Infected or Suspected Ports.*

The following return shows the number of Vessels boarded in this Port by the Officers of the Port Sanitary Authority, on account of coming directly or otherwise from Foreign Ports infected, or suspected to be infected, with Cholera, Yellow Fever, Plague, or Smallpox:—

MONTHS.	From Infected Ports.		From Suspected Ports.		TOTALS.
	Direct to the Tyne.	To the Tyne Indirectly.	Direct to the Tyne.	To the Tyne Indirectly.	
1905.	No. of Vessels.	No. of Vessels.	No. of Vessels.	No. of Vessels.	
January	9	40	5	30	84
February	11	31	1	15	58
March	11	36	11	23	81
April	7	33	1	25	66
May	13	36	2	28	79
June	13	27	3	19	62
July	14	27	10	29	80
August	13	21	6	30	70
September	8	21	22	44	95
October	21	17	106	38	182
November	7	11	37	14	69
December	26	20	10	28	84
Total	153	320	214	323	1,010

* See Opposite Page.

Vessels arriving in the Tyne from infected ports were boarded by the Officers of the Tyne Port Sanitary Authority, as under:—

NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.	NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.
Alexandria ... †	—	18	<i>Brought Forward</i> ...	134	243
Algiers ... *	9	15	Japan ... †	—	2
Bahia Blanca * †	—	8	Kurrachee ... †	7	24
Buenos Ayres * §	3	17	Pernambuco ... *	—	1
Bombay ... * §	1	13	Persian Gulf ... §	—	6
Bilbao ... *	97	134	Rio Janeiro ... † §	4	3
Calcutta ... §	2	7	River Plate ... † §	6	34
Carthagena ... *	8	20	Rangoon ... † §	2	3
Caleta Buena ... §	1	1	Smyrna ... * §	—	2
Garrucha ... *	13	2	Santos ... * §	—	2
Iquique ... §	—	8			
<i>Carried Forward</i> ...	134	243	Total ...	153	320

* Smallpox.
† Yellow Fever.

‡ Cholera.
§ Plague.

Emigrants.

Emigrant vessels coming to the Tyne have, as heretofore, been visited by the Inspectors on arrival, and kept under supervision whilst in port.

Information as to Emigrants debarking here and proceeding overland to other British Ports, continues to be forwarded to the Medical Officers of Health of the respective Ports.

The number of Emigrants passing through the Tyne Port during 1905, so far as is known, was as follows :—

	No. of Emigrants.
For America by White Star Line from Liverpool	797
„ „ Cunard Line „ „	1,043
„ „ American Line „ „	345
„ „ Allan Line „ „	142
„ „ Anchor Line from Glasgow	213
„ „ Dominion Line from Liverpool	69
„ „ Canadian Pacific	34
	2,643
	2,643

General Sanitary Work.

The following is the report of inspections made and other work done by Inspector Irvin and his assistants :—

Vessels inspected during the year 1905 :—

British Steamers	3,889
„ Sailing Vessels	190
„ Fishing „	1,117
Foreign Steamers	2,123
„ Sailing Vessels	265
Total	7,584
Extra Visits Paid	520
Visits to Water Boats	18
„ Gangways	17
Total Number of Visits	8,139

The Nationalities of the Vessels were as follows :—

British	...	...	...	...	...	...	...	...	...	5,196
Norwegian	...	...	...	...	...	...	...	...	...	760
German	...	...	...	...	...	...	...	...	...	436
Swedish	...	...	...	...	...	...	...	...	...	313
Danish	...	...	...	...	...	...	...	...	...	299
Spanish	...	...	...	...	...	...	...	...	...	235
French	...	...	...	...	...	...	...	...	...	47
Russian	...	...	...	...	...	...	...	...	...	56
Greek	...	...	...	...	...	...	...	...	...	28
Dutch	...	...	...	...	...	...	...	...	...	99
Italian	...	...	...	...	...	...	...	...	...	23
Austrian	...	...	...	...	...	...	...	...	...	57
Belgian	...	...	...	...	...	...	...	...	...	29
Argentine	...	...	...	...	...	...	...	...	...	3
American	...	...	...	...	...	...	...	...	...	3
										7,584
										7,584

Of the above Vessels, the Sanitary condition was as follows :—

Good...	...	...	...	...	...	...	...	...	...	6,603
Structural defects	...	...	...	...	...	...	...	...	...	502
Dirty condition	...	...	...	...	...	...	...	...	...	479
										7,584
Total										7,584

The structural defects of Vessels observed include the following :—

Insufficient Ventilation ..	...	...	...	...	...	...	...	...	Cases.	72
Iron Deck to Line with Wood	...	...	...	...	...	...	...	...	...	51
Paint Locker in bad position	...	...	...	...	...	...	...	...	...	32
Defective Lighting	...	...	...	...	...	...	...	...	...	25
Defective Water Closets	...	...	...	...	...	...	...	...	...	15
Forecastle Deck Leaking	...	...	...	...	...	...	...	...	...	125
Side Scuttles to re-fit	...	...	...	...	...	...	...	...	...	87
Forecastle Flooring Defective	...	...	...	...	...	...	...	...	...	19
Defective Drainage	...	...	...	...	...	...	...	...	...	21
„ Bulkhead	...	...	...	...	...	...	...	...	...	27
„ Stoves	...	...	...	...	...	...	...	...	...	16
„ Chain Casing...	...	...	...	...	...	...	...	...	...	12
										502
Total										502

The peaks, forecastles, water closets, and bilges of the vessels specified under were found in dirty condition. Orders given to cleanse same were fully complied with.

British Steamers	...	...	...	...	...	...	...	408
„ Sailing Vessels	...	...	...	...	...	...	...	37
„ Fishing Vessels	...	...	...	...	...	...	...	64
Foreign Steamers	...	...	...	...	...	...	...	417
„ Sailing Vessels	...	...	...	...	...	...	...	55
								<hr/>
								981
								<hr/> <hr/>

Total number of crews of vessels visited by the Inspectors	...	...	...	...	...	...	...	122,475
„ „ passengers „ „ „ „	...	...	...	...	...	...	...	28,514
„ „ emigrants arriving in the Tyne	„	„	„	„	„	„	„	2,643
								<hr/>
								153,632
								<hr/> <hr/>

Vessels arriving Coastwise and inspected	...	...	...	...	...	...	...	4,079
Fishing vessels arriving Coastwise and inspected	1,117
Vessels arriving from Foreign Ports and inspected	2,388
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								7,584
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Special Cargoes Inspected.

Among the different cargoes examined by the Inspectors were the undermentioned :—

Description.	Onions.	Wheat.	Foreign and British Fish.	Potatoes.	Fruit.	Rags.	Cattle.	Total.
No. of Consignments examined	2	66	1,117	12	42	1	3	1,243

Water-Boats and Water Supply to Ships in Port.

The water-boats, 20 in number, have been examined as usual, and the tanks found in good condition.

In 53 cases the *drinking water* of ships, which came from Ports infected, or suspected to be infected, with Cholera, has been changed, and the purification of the tanks has been seen to by the Inspector, acting under the direction of the Medical Officer of Health.

Advices as to Sickness.

on shipboard, and other matters, continued to be received from and forwarded to the Health Departments of other British Port Sanitary Authorities.

Clothing and Bedding.

39 vessels and several lots of clothing or bedding have been **disinfected**. 180 old beds have been burnt, and 10 lots of filthy clothing has been destroyed, on account of infection.

Passenger Steamers.

The Passenger Steamers arriving continue to be regularly visited and examined.

Fishing Boats.

The total arrival of fishing vessels at the Quay, North Shields, steam and sailing, is 13,424* (6,172 Trawlers and 7,252 Herring Boats), as compared with a total of 13,871 in the previous year. 64 of these, in foul condition, were cleansed and deodorized on notice from the Inspector. The rest were in good order.

* From a return courteously furnished by Mr. Thos. MacKenzie, Quay Master, North Shields.

Foul Cattle Ships.

The Inspector reports that 3 Cattle Ships arrived in the Port direct with cattle, and 2 after having landed cattle elsewhere. They were cleansed under his supervision.

Regulations.

Copies of Regulations issued have, as usual, been posted on all gangways, and delivered on board of vessels in the port.

Precautions taken against the Importation of Cholera.

On August 31st a case of cholera was reported from the Port of Hamburg. From Russia the disease was introduced into Prussia and Germany. On September 8th the Authority, at a special meeting, resolved to medically inspect all arrivals from foreign; in order to detect, at the earliest opportunity, any case of the disease that might be imported by reason of the large and regular traffic between the Continent and the Tyne Ports.

On September 11th, Drs. Hutchins, Hume, and Waters were appointed to take eight hour watches, and these gentlemen medically examined all crews and passengers from Foreign Ports on arrival. For this special work the steam launch "John Forster Spence" was used continuously night and day from September 11th to November 12th. During that time the following table shews the number of vessels, crews, and passengers dealt with. Fortunately no cases of cholera were imported into the Tyne.

Cholera.

Return of ships arriving in the Tyne, and medically inspected from September 11th to November 12th, 1905.

	No. of Vessels.	No. of Passengers.	No. of Crews.
British	429	848	5,797
Norwegian	143	943	3,633
German	102	74	2,211
Swedish	50	86	1,972
Danish	61	134	2,110
Spanish	36	16	858
French	12	1	194
Russian	16	1	190
Greek	2	—	44
Dutch	26	6	485
Italian	1	—	26
Austrian	7	1	194
Belgian	5	2	102
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	890	2,112	17,816

W. EDMUND HARKER, M.D., D.Hy.,
Medical Officer.

Tynemouth,
January 1906.

