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**Contributors**

Tyne Port Sanitary Authority.

**Publication/Creation**

1900

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1900.

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RIVER TYNE  
PORT SANITARY AUTHORITY.

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

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NEWCASTLE-UPON-TYNE:

ANDREW REID & COMPANY, LIMITED, PRINTING COURT BUILDINGS.

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## River Tyne Port Sanitary Authority.

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

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Elected by the Corporation of Newcastle.

ALDERMAN WILLIAM OWEN.  
 ALDERMAN THOMAS BURGESS WINTER.  
 ALDERMAN WILLIAM DAVIES STEPHENS (*Vice-Chairman*).  
 COUNCILLOR WILLIAM EDWARD KIRKBY.  
 COUNCILLOR GEORGE CHRISTOPHER COATES.  
 DR. ADAM WILSON.

Elected by the Corporation of Gateshead.

ALDERMAN EDWARD SMITH HINDMARSH.  
 COUNCILLOR NICHOLAS TEMPERLEY.

Elected by the Corporation of Tynemouth.

ALDERMAN JOHN FOSTER SPENCE (*Chairman*).  
 ALDERMAN JOSEPH GREEN.

Elected by the Corporation of South Shields.

ALDERMAN THOMAS DUNN MARSHALL.  
 COUNCILLOR J. R. LAWSON, JUN. (*MAYOR*).

Elected by the Corporation of Jarrow.

ALDERMAN RICHARD HANDYSIDE.

Elected by the Urban District Councils of Walker,  
 Wallsend, and Willington Quay.

COUNCILLOR GEORGE AUBURN ALLAN.

Elected by the Urban District Councils of Benwell and  
 Fenham, Blaydon, Newburn, and Whickham.

COUNCILLOR MATTHEW KIRTON.

Elected by the Urban District Councils of Felling and Hebburn.

COUNCILLOR THOMAS CLARK MAJOR.

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### 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 ( <i>Assoc. San. Inst.</i> )
Assistant Inspectors ... ..	JOHN RUSSELL, T. W. STURDY, J. W. DAVISON.

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Offices: 5, Mosley Street, Newcastle-upon-Tyne.

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

River Tyne Port Sanitary Authority.

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TYNEMOUTH,

*February, 1901.*

MR. ALD. JOHN FOSTER SPENCE, J.P.,

CHAIRMAN OF THE RIVER TYNE PORT SANITARY AUTHORITY.

SIR,

I have the honour to present herewith my Annual Report for the year 1900.

I am, Sir,

Your obedient Servant,

W. EDMUND HARKER.



# RIVER TYNE PORT SANITARY AUTHORITY.

Report of the Medical Officer of Health for the Year ended 31st December, 1900.

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

During 1900, 28 patients have been admitted. The Medical Officer of Health visited the Floating Hospital 125 times during 1900. The subjoined Table gives particulars as to the cases and their issue:—

TABLE I.

Date of Admission.	Disease.	Cases Admitted.	Name of Vessel.	Where from.	Result.
1899.					
Nov. 26th	Enteric Fever ...	1	"Energie" ...	Christiania ...	Discharged Jan. 29, 1900
1900.					
Jan. 29th	Enteric Fever ..	1	sl. "Eliza Bain"	London ...	Escaped from ward and was drowned, Jan. 30, 1900.
Feb. 2nd	*Malarial Fever ...	1	sl. "Resolute" ...	London ...	Discharged Feb. 12, 1900
" 12th	Enteric Fever ...	1	Hospital care-taker	—	" Mar. 24, "
" 14th	Scarlatina ...	1	sl. "Tarapaca" ...	Dunkirk ...	" Mar. 14, "
March 6th	Measles ...	1	U.S.N. "Albany"	New Ship ...	" Mar. 22, "
" 7th	" ...	2	" "	" "	" Mar. 22, "
" 26th	" ...	1	" "	" "	" Apr. 12, "
" 29th	*Malarial Fever ...	1	s.s. "Rimo" ...	Havre ...	" Mar. 31, "
April 12th	Erysipelas ..	1	H.M.S. "Medusa"	Tyne ...	Died April 17, 1900
May 1st	Smallpox ...	1	s.s. "Ingrid" ...	Esbjerg ...	Discharged May 16, 1900
" 5th	*Malarial Fever ..	1	s.s. "Svenda" ...	Amsterdam	" May 7, "
July 14th	Scarlet Fever ..	1	s.s. "King Ja Ja"	Boston, Linc. ...	" Aug. 14, "
" 17th	*Delirium Tremens	1	s.s. "Robert Harrowing"	Hamburg ...	" July 19, "
Aug. 13th	Enteric Fever ..	1	s.s. "Perseverance"	Sea ...	" Aug. 23, "
Sept. 27th	*Malarial Fever ..	1	s.s. "Cento" ...	Bremerhaven ...	" Oct. 9, "
Oct. 6th	*Acute Mania ..	1	"Ramon de Larrango"	Galveston ...	" Oct. 10, "
" 7th	Enteric Fever ..	1	sl. "Herbert" ...	London ...	" Nov. 17, "
" 10th	*Gastritis ..	1	s.s. "Princess Thyra"	Aberdeen ...	" Oct. 11, "
" 10th	*Diarrhoea ...	1	s.s. "Sheppardson"	West Hartlepool	" Oct. 13, "
" 31st	Enteric Fever ...	1	sl. "Maxwell" ...	Iquique ...	" Nov. 17, "
Nov. 1st	*Malarial Fever ...	1	sl. "Cerates" ...	Wilmington ...	" Nov. 17, "
" 2nd	†Bubonic Swellings in groin	1	s.s. "Persian Prince"	Vera Cruz, New Orleans, and Havre	" Jan. 2, 1901
" 6th	†Bubonic Swellings in groin	1	s.s. "Darlington"	New Fairwater ...	" Jan. 25, "
" 8th	*Malarial Fever ..	1	" "	" "	" Nov. 16, 1900
" 28th	†Bubonic Swellings in groin	2	s.s. "Daventry"	Charlestown, } Hamburg }	1 discharged Nov. 29, " 1 discharged Jan. 25, 1901
		28			

### Patients admitted into the Deans Hospital, South Shields.

Nov. 9th	Enteric Fever ..	1	s.s. "Kronprindsesse Victoria"	Dieppe ...	Discharged Dec. 24, 1900
Dec. 10th	Erysipelas ...	1	s.s. "Mary" ...	Esbjerg ...	" Dec. 24, "
" 13th	Typhoid Fever ..	1	s.s. "Octobre" ...	Bilboa ...	Still in hospital
" 21st	Enteric Fever ...	1	s.s. "Mandal" ...	Rotterdam ...	Still in hospital

### Patient admitted into North Shields Infectious Hospital.

Nov. 26th	Smallpox ..	1	s.s. "Povena" ...	Bilboa ...	Died Dec. 6, 1900
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\* Removed as suspected cases of Enteric Fever.

† Cases proved to be non-infectious.



## Vessels Boarded by Medical Officer of Health.

67 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 1900 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.
Jan. 3	s.s. "North Sands"	British ...	Hamburg ...	Syphilis ...	One of crew was found suffering from Syphilis. Medical treatment recommended.
" 3	s.s. "Alert"	" ...	Hull ...	Eczema ...	A seaman was found suffering from eczema. Medical treatment recommended.
" 3	ketch "Eva"	" ...	" ...	Smallpox ...	Medical Officer of Health reboarded vessel and inspected same after disinfection.
" 8	s.s. "Oria"	" ...	" ...	Influenza ...	The boatswain was found suffering from Influenza. Medical treatment recommended.
" 11	ss. "Ashbrooke"	" ...	London ...	Smallpox ...	A seaman from this vessel had been landed at Sunderland suffering from Smallpox. The vessel was thoroughly disinfected in this port and the names and addresses of the crew were forwarded to the respective Medical Officers of Health.
" 17	bk. "Willscot"	" ...	Hull ...	Influenza ...	The master and his wife were found suffering from Influenza. Medical treatment recommended.
" 29	sch. "Eliza Bain"	" ...	London ...	Enteric Fever ...	A seaman was found suffering from Enteric Fever and was removed to Floating Hospital. During his delirium he escaped from the ward and was drowned.
" 29	s.s. "Kitty"	German ...	Hamburg ...	Influenza ...	Chief officer was found suffering from Influenza. Medical treatment recommended.
Feb. 2	sch. "Resolute"	British ...	London ...	Enteric Fever ...	A seaman was found with symptoms of Enteric Fever and was removed to Floating Hospital. The crew space was disinfected.
" 9	s.s. "Phosphor"	" ...	Rouen ...	Influenza ...	One of crew found suffering from Influenza. Medical treatment recommended.
" 14	sl "Tarapaca"	French ...	Dunkirk ...	Scarlet Fever ...	A seaman was removed to Floating Hospital suffering from Scarlet Fever. The crew space was disinfected.
" 22	s.s. "Prairie"	American	Norfolk, Vir.	... ..	Medical Officer of Health inspected crew of the American transport Prairie and found no infectious cases.
Mar. 6	s.s. "Albany"	" ...	New War Vessel	Measles ...	} Four cases of measles were removed from this vessel to Floating Hospital.
" 7	" "	" ...	" "	" ...	
" 26	" "	" ...	" "	" ...	
" 12	s.s. "Runo"	British ...	Havre ...	Malarial Fever ...	A sailor was found suffering from Malarial Fever and was removed to Floating Hospital.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Apr. 12	H.M.S. "Medusa"	British ...	Tyne ..	Erysipelas ...	Chief engine-room artificer was examined by Medical Officer of Health in consultation with the ship's surgeon. He was found to be suffering from a severe form of Erysipelas and was removed to the Floating Hospital, where he died.
„ 28	s.s. "Turret Court"	„ ...	Oporto ...	Vessel from Plague infected Port	The crew were physically examined and found all well.
May 1	s.s. "Ingrid"	... Danish	Esbjerg ..	Smallpox ...	A sailor was found suffering from Smallpox, and was removed to Floating Hospital. The vessel was thoroughly disinfected, all clothing and bedding were treated in the steam disinfectant. Ten of the crew were re-vaccinated. On May 3rd Medical Officer of Health inspected vessel after disinfection.
„ 5	s.s. "Svenda"	... Italian ...	Amsterdam	Malarial Fever	A seaman was found suffering from Malarial Fever and was removed to the Floating Hospital.
„ 11	s.s. "Glensesk"	... British ...	Cape Town	Plague infected Port	Medical Officer of Health physically examined crew. No sickness.
„ 11	s.s. "Pelaw"	... „ ...	London ...	Structural defects	Medical Officer of Health and Chief Inspector examined defective hawse pipes which were leaking into the fore-castle, and arranged with the master for their renewal.
„ 14	sl. "Aquila"	... Norwegian	Rosario ...	From Plague infected Port	Medical Officer of Health physically examined crew. No sickness.
June 10	s.s. "Borkum"	... German ...	Ghent ...	Pneumonia ...	One of crew found suffering from Pneumonia, and was removed to the Royal Infirmary.
„ 18	ss. "Jeanie Woodside"	British ..	Rosario ...	Plague infected Port ..	Medical Officer of Health physically examined crew, and found them all well.
„ 18	s.s. "Bingo Maru"	Japanese	Yokohama via London	... ..	Medical Officer of Health inspected Japanese transport with 236 men on board. No infectious sickness.
„ 29	s.s. "Admiral"	British ...	Hamburg ...	Vessel fumigated	This vessel was fumigated with sulphur dioxide in order to comply with the plague regulations of Hamburg. The necessary certificate was issued.
July 10	s.s. "Dora"	... „ ...	Campbelltown	Dropsy ... ..	A seaman was found to be suffering from Bright's disease, and was removed to the Royal Infirmary.
„ 14	"King Ja Ja"	... „ ...	Boston via London	Scarlet Fever ...	One of crew was found suffering from Scarlet Fever, and was removed to Floating Hospital. Crew space was disinfected.
„ 14	"Robert Harrowing"	... „ ...	Hamburg ...	Delirium Tremens	A seaman was removed to the Floating Hospital with symptoms of Enteric Fever. He was found to be suffering from Delirium Tremens, and was sent to the imbecile ward of the Union Hospital.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
July 14	"Snilesworth" ...	British ...	Swinmunde	Smallpox ...	The third engineer of this vessel had been removed to hospital at Swinmunde suffering from Smallpox. Medical Officer of Health examined crew and found them all well, the vessel had been efficiently disinfected. The names and addresses were forwarded to the respective Medical Officers of Health.
Aug. 1	s.s. "Royal Dane"	British ...	Hamburg ...	Fumigation ...	This vessel was fumigated and a certificate issued.
" 1	s.s. "Ermack" ..	Russian ...	St. Petersburg	Enteric Fever ..	One of crew had developed Enteric Fever after leaving this vessel. The vessel was disinfected.
" 13	s.s. "Perseverance"	British ...	Sea ...	" "	One of crew found suffering from Enteric Fever was removed to Floating Hospital. The vessel was disinfected.
" 16	s.s. "Cornucopia"	" ...	Rosario ...	Plague Infected Port	Medical Officer of Health physically examined crew and found them all well.
Sept. 11	s.s. "Gamen" ...	Swede ...	Rangoon ...	—	Medical Officer of Health physically examined crew. No sickness.
" 27	s.s. "Cento" ...	British ...	Bremerhaven	Malarial Fever ...	One of crew was found suffering from symptoms of Enteric Fever and was removed to Floating Hospital for observation. The case proved to be Malarial Fever.
" 29	s.s. "Tartar" ...	" ...	Glasgow ...	Plague Infected Port	Medical Officer of Health physically examined crew. No sickness.
Oct. 6	"Ramon de Larranaga"	Spanish ...	Galveston ...	Acute Mania ...	A seaman was removed to the Floating Hospital as a case of Enteric Fever. He proved to be suffering from Acute Mania.
" 6	Sch. "Herbert" ...	British ...	London ...	Enteric Fever ...	A seaman was found suffering from Enteric Fever, and was removed to Floating Hospital. The vessel was disinfected.
" 7	s.s. "Southgarth"	" ...	Rosario and King's Lynn	Case of Plague reported from Cardiff	This vessel arrived in the Tyne on Sept. 22nd from Kings-Lynn, and reported all well on arrival. On October 5th the donkeyman died in hospital at Cardiff from Plague. The vessel was thoroughly disinfected in this port, and the crew physically examined, before she proceeded to sea. The names and addresses of the late crew were forwarded to the respective Medical Officers of Health.
" 10	ketch "Lord Alcaster"	" ...	London	" "	Medical Officer of Health examined apprentice from s.s. Southgarth.
" 10	s.s. "Princess Thyra"	" ...	Aberdeen ...	Gastritis ...	The chief engineer was found suffering from symptoms of Enteric Fever, and was removed to Floating Hospital. The case proved to be gastritis.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Oct. 10	s.s. "Shepperton"	British ..	West Hartle- pool	English Cholera	One of crew was removed to Floating Hospital for treatment.
" 10	s.s. "Ogono" ...	Spanish ...	Bilbao ..	—	Medical Officer of Health examined 27 crew and 19 passengers, and found all well.
" 16	s.s. "Benmohr" ..	British ...	Rangoon, Hamburg	Plague Infected Port	Medical Officer of Health physically examined crew. No sickness.
" 18	bk. "Oscar II." ...	Swede ..	Hernosand	Bronchitis ..	One of crew found suffering from bronchitis. Medical treatment recommended.
" 20	s.s. "Laureldene" ..	British ...	Göteborg	Fatal Case of Enteric Fever at sea	The chief engineer had died of Enteric Fever at sea. Crew space and effects of deceased were disinfected.
" 22	s.s. "Murex" ...	" ..	Baltimore & Geestemunde	Indigestion ..	Medical Officer of Health examined Lascar crew and found no infectious sickness.
" 25	ketch "Ellen" ...	" ..	Faversham ..	Rheumatism ...	One of crew found suffering from Rheumatism. Medical treatment recommended.
" 29	s.s. "Ella" ...	" ..	Lulea, Rotter- dam	Dropsy ..	The second officer was found suffering from dropsy and was recommended to the Royal Infirmary. Medical Officer of Health medically examined crew.
" 31	ship "Maxwell"	" ..	Iquique ...	Enteric Fever ...	A seaman was found suffering from Enteric Fever, and was removed to Floating Hospital. The crew space was disinfected.
Nov. 1	bk. "Cerates" ...	German	Wilmington	Malaria ... ..	Medical Officer of Health medically inspected crew and found 3 seamen recovering from Malarial Fever. One was removed to the Floating Hospital.
" 2	sch. "Lucindi" ...	Danish	Saffi ..	Suspected Plague Port	Medical Officer of Health physically examined crew. Chief officer was found suffering from boils. Medical treatment recommended.
" 2	s.s. "Persian Prince"	British ...	Vera Cruz, New Orleans, Havre	Bubonic Swellings in Groin	A fireman was found with glandular enlargements in right groin, with feverish symptoms. He was removed to the Floating Hospital for observation. Medical Officer of Health made a bacteriological examination of blood from the swollen glands, with negative result. Professors Klein and Murray examined material taken from the enlarged glands and forwarded negative reports on the case. The crew was kept under daily observation and all of them physically examined. The vessel was disinfected.
" 6	s.s. "Darlington" ...	" ..	New Fair- water	" ,	The mess room steward was found suffering from glandular enlarged glands in the left groin, and was removed to the Floating Hospital. The crew were physically examined and found all well with the exception of the donkeyman, who had



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Nov. 6	s.s. "Darlington"	British ...	New Fairwater	Malaria ...	feverish symptoms, and was removed to Floating Hospital on the 8th. The Medical Officer of Health made a bacteriological examination with negative results. The case proved to be due to tuberculous disease of the glands, and has been sent to the Royal Infirmary for surgical operation.
" 7	bk. "Woodville"	" ...	New Zealand	Plague Infected Port	Medical Officer of Health physically examined crew. No sickness.
" 8	ship "Marie Molenos"	French ...	San Francisco	" "	Medical Officer of Health physically examined crew and found them all well.
" 9	s.s. "David Mainland"	British ...	Dunkirk ...	Pains in the Groins (non-infectious)	Medical Officer of Health examined seaman and found him suffering from Orchitis.
" 9	s.s. "Kronprindsesse Victoria"	Norwegian	Dieppe ...	Enteric Fever ...	Medical Officer of Health visited vessel and examined patient, who was removed to Deans Hospital, South Shields. Vessel disinfected
" 22	s.s. "Wennington Hall"	British ...	Calcutta ...	Plague Infected Port	Crew physically examined. No sickness.
" 23	s.s. "Tarragonna"	" ...	Antwerp ...	Malarial Fever ...	One of the crew was found to be recovering from Malarial Fever. Medical treatment recommended.
" 26	s.s. "Povena" ...	Spanish ...	Bilbao ...	Smallpox	Medical Officer of Health found seaman suffering from smallpox, and arranged for his removal to North Shields Infectious Hospital. The vessel was thoroughly disinfected.
" 28	s.s. "Daventry" ...	British ...	Hamburg ..	Bubonic Swellings in Groin	A seaman was found suffering from enlarged glands in the groin and was removed to the Floating Hospital. A bacteriological examination gave negative results. The case proved to be due to Syphilis, and the patient was sent to the Royal Infirmary for surgical treatment.
Dec. 1	s.s. "St. Andrew"	Swede ...	Rosario ...	Plague Infected Port	Medical Officer of Health boarded vessel and physically examined the crew. No sickness. The vessel was thoroughly fumigated afterwards in order to kill all rats.
" 5	s.s. "Bramham" ...	British ...	" ...	" "	Medical Officer of Health physically examined the crew. No sickness. The vessel was thoroughly fumigated afterwards in order to kill all rats, about three dozen were afterwards collected and burnt in a furnace. The Medical Officer of Health examined a specimen, <i>Post Mortem</i> , but could find no evidence of Plague Infection.
" 21	s.s. "Mandal" ...	Norwegian	Rotterdam	Enteric Fever ...	The Medical Officer of Health examined patient and found him suffering from Enteric Fever, and arranged for his removal to the Deans Hospital, South Shields.

## SMALLPOX AND SUSPECTED SMALLPOX.

Date of Arrival.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on arrival in Tyne.
Jan. 10	s.s. "Ashbrooke"	London	—	1	Case developed at Sunderland after arrival	Vessel and crew's effects disinfected here.
May 2	s.s. "Ingrid"	Esbjerg	—	1	Removed to Floating Hospital	Vessel and crew's effects disinfected here.
July 24	s.s. "Snilesworth"	Bona, Swinemunde	—	1	Patient removed to Hospital at Swinemunde	Vessel medically inspected on arrival here and fumigated at Swinemunde.
Nov. 26	s.s. "Povena"	Bilbao	—	1	Removed to North Shields Hospital	Vessel and crew's effects disinfected here.
Dec. 20	s.s. "Españo"	Bilbao via Middlesbro'	—	1	Remov'd to Middlesbro' Hospital	Crew vaccinated at Middlesboro' and vessel disinfected. All well on arrival here.
			—	5		

## MEASLES.

1900.									
Mar. 6	...	U.S.N. *s.s. "Albany"	...	Tyne	...	...	...	—	1
" 7	...	" "	...	"	...	...	...	—	2
" 26	...	" "	...	"	...	...	...	—	1
								—	4

\* New War Vessel.

## INFLUENZA.

45 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.
Jan. 13	s.s. "Mercator" ...	London ...	1	—	Case removed to Hospital at London	Vessel disinfected here.
Feb. 3	sl. "Resolute" ...	London ...	—	1	Case removed to Floating Hospital	Vessel disinfected.
Mar. 5	sl. "Loudon Hill" ...	S. Francisco ...	1	—	Case fatal during voyage ...	—
June 12	sl. "Indric" ...	Riga ...	—	1	Case removed to Walkergate Hospital	Vessel disinfected here.
July 1	s.s. "Fort Salisbury"	Calcutta ...	28	—	Cases during voyage ...	—
" 17	s.s. "R. Harrowing"	Pensacola and Hamburg	—	1	Case was sent from Police s.s. Station, So. Shields, as suspected Typhoid, afterwards developed Delirium Tremens, and was removed to Workhouse Hospital, So. Shields	—
" 21	s.s. "Ermak" ...	St. Petersburg	—	1	Case removed to Walkergate Hospital	Vessel disinfected here.
" 24	s.s. "Hurona" ...	Montreal ...	1	—	Case removed at London ...	Vessel disinfected at London.
Aug. 13	s.s. "Perseverance" ...	Sea ..	1	—	Case removed to Floating Hospital	Vessel disinfected here.
Sept. 12	s.s. "Dunstanborough"	Archangel ...	—	1	Case landed at Hull ...	Vessel disinfected at Hull.
" 25	s.s. "Harpulus" ...	London ...	1	—	Supposed case, found non-infectious	—
Oct. 6	sl. "Herbert" ...	London ...	—	1	Case removed to Floating Hospital	Vessel disinfected.
" 9	s.s. "Nymphœa" ...	St. Petersburg	1	—	Case removed at St. Petersburg	Vessel disinfected at St. Petersburg.
" 31	sl. "Maxwell" ...	Melbourne ...	—	1	Case removed to Floating Hospital	Vessel disinfected here.
Nov. 9	s.s. "Kronprindsesse Victoria"	Dieppe ...	—	1	Case removed to Dean's Hospital, South Shields	Vessel disinfected here.
" 26	s.s. "Lindisfarne" ...	Alexandria and London	1	—	Case during the voyage ...	Vessel disinfected at London.
Dec. 13	s.s. "Octobre" ...	Bilboa ...	—	1	Case removed to Dean's Hospital, South Shields	Vessel disinfected here.
			35	9		

## SCARLET FEVER.

Feb. 15	sl. "Tarapaca" ...	Dunkerque ...	—	1	Case removed to Floating Hospital	Vessel disinfected here.
July 14	sl. "King Ja Ja" ...	Boston ...	—	1	Case removed to Floating Hospital	Vessel disinfected here.
				2		

## DIARRHŒA, CHOLERAIC DIARRHŒA AND SUSPICIOUS CASES.

Date of Arrival.	Name of Vessel.	From.	No. of Cases.	
			On Voyage.	On or after Arrival.
Jan. 30 ... ..	s.s. "Romola" ... ..	Dunkirk ... ..	2	—
June 10 ... ..	sl. "Otterspool" ... ..	San Francisco ... ..	2	—
July 18 ... ..	s.s. "Akaba" ... ..	Quebec .. ..	3	—
" 19 ... ..	s.s. "Huddersfield" ... ..	Mobile, Hull ... ..	1	—
Aug. 9 ... ..	s.s. "Test" ... ..	Sea ... ..	1	—
Oct. 10 ... ..	s.s. "Shepperton" ... ..	Lules, Hartlepool ... ..	—	1
" 15 ... ..	sl. "Melita" ... ..	Arendal ... ..	—	1
Dec. 7 ... ..	s.s. "Inchkeith" ... ..	Calcutta, Hamburg .. ..	*1	—
" 13 ... ..	s.s. "Octubre" ... ..	Bilbao ... ..	—	1
Total ..			10	3

\* Seaman took ill with Cholera after leaving Calcutta and died after an illness of four days and was buried at sea.

## MALARIAL FEVER.

Jan. 30 ... ..	s.s. "Romola" ... ..	Dunkirk ... ..	2	—
Mar. 29 ... ..	s.s. "Risna" ... ..	Havre ... ..	1	—
May 5 ... ..	s.s. "Svenda" ... ..	Amsterdam ... ..	—	1
Sept. 8 ... ..	s.s. "Aldersgate" ... ..	Mobile ... ..	1	—
" 11 ... ..	s.s. "Ran" ... ..	Fecamp ... ..	1	—
" 27 ... ..	s.s. "Cents" ... ..	Bremerhaven ... ..	—	1
Nov. 1 ... ..	sl. "Cerates" ... ..	Wilmington ... ..	3	1
" 6 ... ..	s.s. "Darlington" ... ..	New Fairwater... ..	—	1
" 23 ... ..	s.s. "Tarragona" ... ..	Antwerp ... ..	1	—
Dec. 17 ... ..	s.s. "Leopoldville" ... ..	River Congo, Antwerp ... ..	1	—
Total...			10	4

## DYSENTERY.

1900.				
Sept. 14 ... ..	s.s. "Denmark" ... ..	Dunkirk ... ..	1	—
Nov. 9 ... ..	s.s. "David Mainland" ... ..	Dunkirk ... ..	1	—
			2	—



## 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. 1900.	Smallpox or Suspected Smallpox.	Scarlet Fever.	Measles.	Influenza.	Enteric Fever.	Diarrhoea or Choleraic Diarrhoea.	Erysipelas.	Dysentery.	Malarial Fever.	Inflammation.	Boils.	Blood Poisoning.	Syphilis.	Veneral.	Consumption.	Heart Disease.
January ...	1	...	...	19	1	2	...	...	2	1	1	...	2	2	...	1
February ...	...	<sup>o</sup> 1	...	10	<sup>o</sup> 1	...	...	...	...	...	...	...	...	2	...	...
March ...	...	...	<sup>oooo</sup> 4	6	<sup>x</sup> 1	...	...	...	<sup>o</sup> 1	...	...	...	...	1	2	...
April ...	...	...	...	...	...	...	<sup>xo</sup> 1	...	...	...	...	1	...	...	1	...
May ...	<sup>o</sup> 1	...	...	4	...	...	...	...	<sup>o</sup> 1	1	...	...	...	...	1	...
June ...	...	...	...	4	1	2	...	...	...	...	1	...	1	...	<sup>x</sup> 2	...
July ...	1	<sup>o</sup> 1	...	...	<sup>xxxo</sup> 30	4	1	...	...	1	...	1	1	2	...	...
August ...	...	...	...	...	<sup>o</sup> 1	1	...	...	...	...	...	...	...	1	...	<sup>xx</sup> 3
September ...	...	...	...	1	2	...	...	1	<sup>o</sup> 3	...	...	...	1	...	1	1
October ...	...	...	...	...	<sup>ooo</sup> 4	<sup>o</sup> 2	...	...	...	...	...	...	...	...	<sup>x</sup> 2	<sup>x</sup> 1
November ...	<sup>*</sup> 1	...	...	1	<sup>*</sup> 2	...	...	1	<sup>oo</sup> 6	...	1	1	...	...	1	1
December ...	1	...	...	...	<sup>*</sup> 1	<sup>x</sup> 2	<sup>*</sup> 1	...	<sup>x</sup> 1	...	...	...	...	1	...	<sup>x</sup> 1
<b>TOTALS ...</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>45</b>	<b>44</b>	<b>13</b>	<b>3</b>	<b>2</b>	<b>14</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>8</b>

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 1900.

## III.

Rheumatism.	Neuralgia.	Lumbago.	Cold.	Pneumonia.	Pleurisy.	Bronchitis.	Tonsillitis.	Cramp.	Indigestion.	Beri Beri.	Rupture.	Accidents.	Ill-defined.	Debility.	Fever and Ague.	Diphtheria.	Insanity.	TOTALS.	
5	...	...	1	<sup>o</sup> 1	...	2	...	...	...	...	1	...	...	...	...	<sup>x</sup> 1	1	...	44
3	...	...	5	...	...	1	...	...	...	...	...	<sup>x</sup> 3	...	...	...	...	2	...	28
...	1	...	2	...	1	<sup>x</sup> 1	...	1	...	1	...	1	1	2	...	...	...	...	26
...	...	...	3	...	1	...	...	...	1	...	...	<sup>x</sup> 1	...	...	...	...	...	...	9
...	...	...	5	...	...	...	...	...	...	1	1	3	1	<sup>x</sup> 3	...	...	...	...	22
3	...	1	...	1	1	...	1	...	3	...	1	<sup>xx</sup> 5	1	1	...	...	...	...	29
...	...	..	1	...	1	...	...	2	1	...	...	<sup>x</sup> 9	...	...	1	...	...	...	57
...	...	1	...	1	...	1	...	...	1	1	1	<sup>x</sup> 2	...	...	...	...	...	...	14
3	...	...	...	1	...	...	...	...	...	...	...	5	<sup>xxx</sup> 3	3	...	..	...	...	25
2	...	...	2	...	1	...	...	1	2	...	...	1	4	...	...	...	<sup>o</sup> 2	...	24
3	...	...	...	...	1	...	...	1	...	...	...	4	5	...	...	...	...	<sup>oooo</sup> 4	38
2	...	...	2	...	2	1	1	2	1	7	1	6	4	...	...	...	...	...	37
21	1	2	21	4	8	6	2	7	9	10	5	40	19	9	1	1	5	4	348

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.	
	No. of Vessels.	No. of Vessels.	No. of Vessels.	No. of Vessels.	
January ... ..	34	24	22	10	90
February ... ..	43	18	32	1	94
March .. ...	28	17	24	7	76
April ... ..	38	20	26	4	88
May ... ..	33	35	28	14	110
June ... ..	38	22	27	7	94
July ... ..	24	12	16	11	63
August ... ..	22	24	26	7	79
September ... ..	35	22	24	11	92
October ... ..	32	17	20	12	81
November ... ..	24	29	32	15	100
December ... ..	49	39	19	26	133
<b>Total ... ..</b>	<b>400</b>	<b>279</b>	<b>296</b>	<b>125</b>	<b>1,100</b>

\* 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.
			<i>Brought Forward ...</i>	250	208
Alexandria ... ..	—	12	Pernambuco ... ..	—	1
Aquillas ... ..	—	7	Rosario ... ..	10	9
Almeria ... ..	7	18	River Plate ... ..	4	11
Algiers ... ..	—	7	Rangoon ... ..	2	4
Buenos Ayres ... ..	1	16	Rouen ... ..	74	1
Bilboa ... ..	188	91	St. Petersburg ... ..	12	13
Benisaf ... ..	30	2	Tripoli ... ..	6	1
Calcutta ... ..	1	9	Valencia ... ..	22	17
Carthagena ... ..	6	15	Vera Cruz ... ..	—	1
Garrucha ... ..	14	4	San Francisco ... ..	14	4
Monte Video ... ..	—	1	Oporto ... ..	4	5
Marseilles ... ..	2	3	Tampico .. ..	1	—
New Orleans ... ..	—	15	Glasgow ... ..	1	—
Oran ... ..	1	8	Smyrna ... ..	—	4
<i>Carried Forward ...</i>	250	208	Total ... ..	400	279



## 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 1899, so far as is known, was as follows:—

	No. of Emigrants.
For America by White Star Line from Liverpool ... ..	525
"  "  Cunard Line  "  "  ... ..	441
"  "  American Line  "  "  ... ..	182
"  "  Beaver Line  "  "  ... ..	37
"  "  Allan Line  "  "  ... ..	130
"  "  Anchor Line from Glasgow ... ..	51
"  "  Dominion Line from Liverpool ... ..	75
"  "  State Line  ... ..	5
"  "  Bremen Line  ... ..	0
	1,446
	1,446

## 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 1899:—

British Steamers ... ..	4 632
"  Sailing Vessels ... ..	502
"  Fishing  "  ... ..	849
Foreign Steamers ... ..	1,943
"  Sailing Vessels ... ..	547
<b>Total</b> ... ..	<b>8,473</b>
Extra Visits Paid ... ..	344
Visits to Water Boats ... ..	36
"  Gangways ... ..	29
<b>Total Number of Visits</b> ... ..	<b>8,882</b>

The Nationalities of the Vessels were as follows:—

British ... ..	5 983
American ... ..	2
Norwegian ... ..	824
German ... ..	482
Swedish ... ..	240
Danish ... ..	381
Spanish ... ..	203
French ... ..	109
Russian ... ..	108
Greek ... ..	12
Dutch ... ..	73
Italian ... ..	7
Austrian ... ..	13
Belgian ... ..	30
Portuguese ... ..	2
Japanese ... ..	2
Total ... ..	<u>8,473</u>

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

Good ... ..	7,635
Structural defects ... ..	372
Dirty condition... ..	466
Total ... ..	<u>8,473</u>

The number of Vessels inspected during each of the last twenty-one years has been as follows:—

In 1880 ... ..	2,997
„ 1881 ... ..	3,309
„ 1882 ... ..	6,623
„ 1883 ... ..	11,572
„ 1884 ... ..	12,078
„ 1885 ... ..	13,530
„ 1886 ... ..	12,139
„ 1887 ... ..	13,045
„ 1888 ... ..	12,819
„ 1889 ... ..	13,566
„ 1890 ... ..	12,018
„ 1891 ... ..	11,533
„ 1892 ... ..	9,582
„ 1893 ... ..	11,327
„ 1894 ... ..	12,043
„ 1895 ... ..	11,757
„ 1896 ... ..	12,348
„ 1897 ... ..	15,351
„ 1898 ... ..	15,602
„ 1899 ... ..	12,984
„ 1900 ... ..	8,473



### **Foul Cattle Ships.**

The Inspector reports that 19 Cattle Ships arrived in the Port direct with cattle, and 10 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.

### **Cholera, Yellow Fever, and Plague.**

No cases occurred in the Tyne Port during the Year 1900.

### **Plague Precautions.**

In November, an arrangement was made with the various Local Authorities on Tyneside, to reserve the Floating Hospital of the Port Sanitary Authority, for the sole reception of any cases of Plague that might occur either afloat or from the shore. At the Floating Hospital, Bacteriological apparatus was also supplied by the Port Sanitary Authority in order to promptly investigate suspected cases of Plague. All arrivals from Plague infected Ports continue to be medically examined, and precautions are taken to thoroughly fumigate such vessels, with the object of destroying rats and other vermin on board.

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

Medical Officer.

*Tynemouth,*

*February, 1901.*





