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Introduction

Pandemics, Society, and Public Health, 1517–1925, contains over 79,000 document images sourced from four leading UK archives: The National Archives, British Library, University College London, and The London Archives. The collection concentrates on four diseases that have left a significant mark upon British history: plague, cholera, smallpox, and influenza. It explores a variety of themes and topics, such as government attempts to reduce the spread of diseases via the imposition of quarantines. It also contains records on the development and roll-out of the smallpox vaccine across Britain, and methods used by the public to boost morale and to cure the diseases.

The primary sources included within this teaching pack represent a tiny sample of the material in the collection. What follows focuses on the social implications of pandemics, such as debates surrounding the efficacy and morality of vaccination; access to state healthcare; perceptions of the supposed link between race and disease; and the shortage of medical staff that arose in the midst of the influenza outbreak during the First World War.

The activities contained within this teaching pack could easily take **around one hour**, though the exact duration will depend on reading time and the breadth and depth of accompanying discussion.

Learning Objectives

- 1. Investigate the arguments for and against vaccination.
- 2. Evaluate the impact of social and economic status on access to state healthcare.
- 3. Analyse how historical fears of pandemic diseases, such as cholera and influenza, have contributed to xenophobic attitudes and discriminatory practices.
- 4. Understand the roles and responsibilities of national and local government in managing public health crises in times of war.



Historical Background and Context

Between the sixteenth and early twentieth centuries, the population of the British Isles experienced several devastating public health crises due to plague, smallpox, cholera, and influenza, each of which had profound social and economic consequences. Each pandemic likewise brought about notable developments in terms of the physical infrastructure of the British state.

Plague, a disease caused by bacteria transmitted through infected fleas, had a long history across Europe. Between 1665 and 1666, London was struck with its most severe outbreak of plague. It resulted in the death of more than 15% of the city's population. Often considered a biological relic of the distant past, the last outbreak of plague occurred in Britain in 1720, far more recently than people assume.

Smallpox, caused by the variola virus, was one of the deadliest diseases in human history. It was a leading cause of death in eighteenth century Europe, particularly among young children. In the late eighteenth century, the physician, Edward Jenner, developed a smallpox vaccine that utilised cowpox for the purposes of inoculation—he realised that people who had contracted cowpox seemed immune to smallpox. The introduction of the vaccine marked the beginning of the disease's decline, ultimately leading to its global eradication.

Cholera is an infection of the intestine with Vibrio cholerae bacteria. It spreads through contaminated water and food, leading to severe diarrhoea and dehydration. Cholera, originally endemic to the Indian subcontinent, spread to Europe through increased global trade. It caused significant mortality in the United Kingdom and Ireland during the nineteenth century. Britain experienced its first major epidemic in 1832 and a further outbreak occurred in the late 1840s. These major outbreaks prompted the discovery of the connection between contaminated water and the disease, leading to crucial improvements in sanitation and public infrastructure across Britain.



The influenza pandemic of 1918–1920, caused by the H1N1 influenza A virus, dramatically changed the perception of influenza from a seasonal illness to a deadly global threat. Unlike plague, cholera, and smallpox, influenza was not regarded as a "notifiable disease" until the early twentieth century. It was considered to be a seasonal infection due to its common symptoms, such as high fever, cough, sore throat, and fatigue. This pandemic occurred in three waves, with the second being the deadliest, as it affected young, healthy adults. During this pandemic, an estimated 33% of the world's population was infected with influenza and at least 50 million people died.



SOURCE ONE—SMALLPOX

Source Intro

Edward Jenner, an English physician, is widely recognised as the pioneer of the smallpox vaccine. Jenner noticed that milkmaids who had contracted cowpox seemed to be immune to smallpox. In 1796, he tested his hypothesis by inoculating an eight-year-old boy named James Phipps with material taken from a cowpox sore on a milkmaid's hand. Months later, when Jenner exposed James to smallpox, he did not contract the disease. Jenner coined the term "vaccine" from the Latin word "vacca", meaning cow, in reference to the cowpox virus. His revolutionary work laid the foundation for the field of immunology and led to the eventual global eradication of smallpox in 1980.

Yet the theory and practice of vaccination has generated significant opposition. When the British state rolled-out the smallpox vaccine, anti-vaccination groups emerged. Many people doubted the safety and effectiveness of the vaccine; others opposed it on religious grounds. The following sources are letters that were published in a periodical called *The Anti-Vaccinator*. The first letter, titled "Vaccination Viewed Politically", was written by Professor F. W. Newman and was published on 25 September 1869. The second letter, titled "A Woman's Protest against the Proposed Extension of the Contagious Diseases Act", was written by Mary C. Hume-Rothery and was published on 16 October 1869.

Source

Letters to The Anti-Vaccinator, 1869.

British Library, 7307.aa.5.(2.), images 2-4 and images 9-10.



First Extract:

(2)

will vaccination be proved to propagate syphilis and other diseases. But I maintain, Sir, supposing that vaccination does all that Jenner ever claimed for it, that is, renders the patient operated upon proof against small-pox, it follows that if my neighbour vaccinate his childagainst small-pox, it follows that if my neighbour vacchiate in chiracren, they cannot take small-pox from mine; and hence, I submit, no rational man can argue that the State has a right to compel me, as a father, to jeopardise the health and lives of my children in the name of the public weal.—I am, Sir, your obedient servant,

John Lewis.

Spedan Tower, West Heath, Hampstead, N.W., Jan. 2.

FROM THE Anti-Vaccinator, SEPTEMBER 25, 1869.

"Vaccination Viewed Politically."

LETTER FROM PROFESSOR NEWMAN.

DEAR MR. PITMAN, -You call my attention to an article in the Lancet, commenting on a private letter of mine to you, which you have thought fit to publish. You kindly desire to print some reply from me. I really think I may claim that you or other anti-vaccinators will make the reply, which is not at all difficult. I have no taste for detailed controversy, especially with an anonymous comment, and for detailed controversy, especially with an anonymous opponent, and with a medical man on a medical topic. But I regard the political side of the question as the primary. It is not developed in that letter—which I never intended for the public; but I will now enter upon it

which I never intended for the public; but I will now enter upon it somewhat more fully.

It does not rest with Parliament to enact how a disease shall be treated. If a Bill were proposed to enforce that everyone who is seized with apoplexy shall be bled, the Lancet would probably be foremost in outery. I should expect it to propound that Parliament is no authority in medicine; that to protect us from dangerous treatment by ignorant pretenders, Parliament enacts medical degrees as mere tests of knowledge, but it must not dictate to those who have displayed their knowledge by gaining the degree.

Nor is it to the purpose to say that Parliament took advice of physicians before it legislated. Some 30 or 40 years ago, when homeopaths first disused bleeding for apoplexy and fever, the disapproval of their conduct by the orthodox medical faculty was so universal and so vehement, that Parliament might easily have got medical warrant to enforce bleeding. Nay, 100 years ago, physicians were zealous for inoculation. My father was with difficulty saved from it by the sturdy refusal of his mother, who said (as she told me)—"If God send smallpox on my child, I must bear it; but never will I consent to give it to him on purpose: how can anyone know what would come of it?"

At that time Parliament might have been advised by educated and learned a barrier and the content of the c

At that time Parliament might have been advised by educated and learned physicians to make inoculation compulsory; and I make no doubt those physicians spoke as dogmatically to my grandmother in



favour of it as any can now speak of vaccination: yet, by the advice of physicians, inoculation is now made penal! It is certainly possible that by the advice of physicians vaccination also will hereafter be made penal. Medicine is a changing and (let us hope) progressive Art; it has no pretension to be Science, or to have any fixedness at all. The Editor of the Lancet has probably read the article in the Quarterly Review of April, 1869, entitled "The Aims of Modern Medicine." It is a storehouse of detailed fact for those who are too young to remember what it narrates of unanimous medical error, pernicious on the hugest scale. Medicine cannot improve, unless the younger and fresher minds among physicians are left perfectly free to deviate from the routine of their elders. Nothing can justify Parliament in enacting a medical creed, or enforcing any special medical procedures.

But if physicians must have hands unfettered, have patients no right to choose their physician?—no right to repudiate treatment which they think quackery? We all ought to be re-vaccinated periodically, according to the Lancet. Does then Parliament dare to enact such a thing? It does not; else I might be taken by force and vaccinated to-morrow. And if I understand the argument for compulsory vaccination, it cannot rightly stop short of this. I may be told that extreme danger requires extreme remedies. Well—I will put really extreme cases. In an age and country of barbarism, I am seized with the plague, or with a highly-infectious leprosy. If I have the plague, I am to be shot dead with arrows, and mould is to be heaped over me where I lie. If I have the leprosy, I am to be hunted

into solitude, and there live, if I can.

The law is hard, yet I might accept my fate without murmuring. One who is dangerous to society, whether from contagion or from mania, cannot retain ordinary social rights. Better for me to die outright than infect my kind nurses, for the miserable chance of lingering. To put me to death for plague is sharp law, no doubt; but the legislator would at least know that a pestilential body, once well covered with earth, does no further harm, so that the despotism effects its end:—at least it stops contagion. I should feel that I died for my country's good. But if he enacted that I should be bled, or should have the sore places cut out, or that poison should be infused into my veins, he could never be sure that the public gained any benefit from his cruelties. A far more overwhelming proof is needed by the legislator than so very shifting a thing as medical advice. And here it is advice from one country only in all the world, and that where men peculiarly experienced in vaccination condemn it.

One who carries disease with him is ostensibly dangerous. This—and this only—justifies legislation against him. But when a man or child is ostensibly healthy, no case is made out for legislation at all. To enact that a healthy person shall have a disease lest hereafter he get a worse disease, is a form of despotism hard to parallel; and what is peculiarly disgraceful, it is directed against innocent infants alone, because, they are helpless: it does not dare to attack us adults. This fact justly arouses parents to indignation. Let Parliament enact that every M. P. shall be at once vaccinated, and that it shall be done from arm to arm among them, every four or five years, as the doctors may prefer, if they will enact such things concerning children. The law now says to a parent—"We are alarmed to see that your child has



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no disease. Cow-pox (for the public good) it must have, with the chance of other hideous diseases: submit, or else make yourself a criminal, have your hair cropped, and dress in prison garb."

Such legislation implies that Parliament is a Medical Pope, and

would justify no end of monstrous violations of sacred personal right. The Lancet "begs respectfully to tell me" that in the matter of "vaccine lymph," "the State (!) and private practitioners take great care." Is this very comforting—very reassuring—to one who has read Ira Connell's frightful case? I have a paper before me—reprinted from the Lancet of Nov. 16, 1861—which contains a detailed account of 46 children in Piedmont being infected with loathsome diseasesoon fatal to some of them—from receiving the lymph (called vaccine!) out of the arm of one child called (and supposed to be) healthy. As a surgeon cannot be omniscient, he cannot know the diseases hidden in a particular child; he is not to blame for not knowing; but this is precisely the reason why Parliament ought much rather to forbid than to enforce the vaccinating of one child from another. It makes the enforcement so indefensible, that one is unwilling to affix the right

But even if cows would kindly get cowpox for our convenience, so that each child might have the disease direct from the cow, even so it would be blind tyranny for the law to say to a parent—"You shall not keep your child in perfect health; that is too dangerous a course." When to this the parent replies by defiance of the law, and is treated. as a criminal, the law-makers are (in my opinion) the real criminals before God and man. Parents who become martyrs by resisting the law, deserve a sympathy akin to those who are martyrs of religion.—Truly yours,

F. W. Newman.

From the Anti-Vaccinator, September 25, 1869.

"Blood - Poisoning."

In the *Anti-Vaccinator for to-day I observe a series of propositions upon the "Hygeian System of Medicine." This leads me to pen a

few remarks on blood-poisoning.

"The blood is the life." Then what feeds it, feeds the life. human life is propagated, like animal life, as to successive subjects of it; and the orderly condition for the propagation of human subjects of life is—marriage of one male and one female. The life of these two, by cohabitation, becomes bodily one. But if the blood of the female be the receptacle of the propagations of several males, the result is the

well-known venereal disease.

Now, what is the use of beating about the bush in this matter, when the results of the corrupt human poison thus generated are so patent to all? The truth is, all deadly poison to human blood, and all diseases of the kind called "pox," originate in this wicked violation of the law of creation by debased mankind; and the corrupt matter engendered in the female system by this death-and-disease-originating sin, is the all-potent human blood-poison all the world over. Small-pox, and all other kindred diseases, are the result of the Creator's laws



Second Extract:

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will go on drugging at a venture, and benumbing our friendly pains to please our cowardly whims; and thus put us so far out of gear that neither he nor ourselves can tell whether we mend or get worse; and the diseased frame will go on reeling to and fro like a drunken man, till, falling at last into the ditch of suffocation, the life departs. Professional manslaughter is committed in many cases like the one we have described. But when this happens, it frequently only prevents suicide; for we are so determined to disregard the laws of health, or so woefully and wilfully ignorant of them, that if the doctor does not kill us, and for a time can keep us from killing ourselves, we go on striking blow after blow till the fatal one falls at last. Think of the waggon-loads of pills which are taken, and any of which might contain deadly poison for ought the consumer knows; and if they do not, it is owing to the "Faculty" and not to the gormandising consumers. Now, since there must needs be so much manslaughter, while we are such a nation of barbarians—miscalled "civilised"—is it not better that we should have some authorised method of doing it? Maybe, after all, less of it is done than would be if we had not. I remember a very clever old surgeon in Newtonheath (Dr. William Pegg)—a very eccentric man, but one who worked hard (and his wife, too, as a midwife) during a long life, chiefly among poor people for little pay. He used to come to our house when I was a boy, and my grandfather and he were often chatting together. One time he said—"Robert, the difference between you and me is this: if you kill a man they'll hang you for it; but, you see, I have a license to kill people." Yet this man probably saved the lives of hundreds of people, humanly speaking; and not seldom by preventing less skilled practitioners from killing their patients through ignorance.

Again I say, we owe the "Faculty" much, speaking nationally; and if they have stolen a march upon the nation in getting compulsory

Again I say, we owe the "Faculty" much, speaking nationally; and if they have stolen a march upon the nation in getting compulsory vaccination made the law of the land, and sought their own interest in doing so, this is only what kings, queens, lords, commons, and people have been doing from time immemorial, when they could get the chance. What anti-compulsory vaccinationists have now got to do, therefore, is not to throw stones at the doctors, but to vindicate and agitate for the liberty of every English citizen to obey God rather than man, when it is clear that the liberty to do so is so manifestly wrenched from them. Let those continue vaccination who are still blindly wedded to its charms; but let those have the liberty to discard it who see it to be a daring innovation of the sacred precincts of Divine Healership.

T. Robinson.

Newton-heath.

From the Anti-Vaccinator, October 16, 1869.

"A Woman's Protest against the Proposed Extension of the Contagious Diseases Act."

I have just been reading, with feelings of horror and indignation which I scarcely know how to express, the statements in Mr. F. W. Newman's noble letter, in your issue of October 2, relative to a certain "Contagious Diseases Bill," and some proposed extension of it, which



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(it seems) actually passed the House of Lords, and was with difficulty stopped in the Commons. I, for one, tender my thanks to every mem-

ber who voted against it.

I am well aware that many people will cry shame upon a woman for writing on such a subject: let them. If we, the happy and protected members of our sex, blessed with the shelter of married homes, whose sanctity no medical ruffian dare invade, do not raise a voice in behalf of our less-favoured, our wretched, trampled-on sisters—the victims of man's vicious self-indulgence and brutality—who can be expected to do so? I use advisedly the term "medical ruffian." That any treatment could be more ruffianly, or a more complete and dire outrage on all feelings of decency and humanity (if humanity includes women at all), than that to which, it appears, this Bill proposed to subject defenceless women, I deny, and am ready to maintain, let who will strive to extenuate it. No man whose moral sense had not been blunted by the complacent assumption underlying the prevalent relations between man and woman—that men have a right to sin with impunity, and that their sin must be visited upon their female victims could ever have conceived the idea of legislation so monstrous, or have assisted in framing and passing the Bill in question. Truly it is time we should have women in Parliament, if it contains a majority of men capable of such brutal use of their legislative functions—capable of so far forgetting any spark of respect towards the sex to which their mothers belonged, that they stick at no outrage upon the most miserable and most-to-be-pitied members of that sex, which they blindly hope may enable their own sex to sin with impunity.

hope may enable their own sex to sin with impunity.

I have long held strong opinions as to the bad and immoral tendencies fostered among medical men by the indecent custom which sanctions their presence, even as mere boys, in the sacred precincts of the chamber where a new immortal is ushered into the world. How utterly this, among other evils, must have corrupted their better and manlier feelings, the Bill alluded to (emanating, of course, from the medical profession) sufficiently proves. Not that I would class the whole medical profession as one under this deserved censure. For many of its members I have a profound respect as excellent and philanthropic men; and God forbid that any such should have soiled their souls by participation in such a measure! But, as Mr. Newman truly says, the nation knew nothing of such proposed atrocities. Now I say let us know all about them: let us know what House of Commons passed this Bill, and what members voted for it both in Commons and Lords, and let us cry shame on every one of them! Truly I could not have believed that there were Englishmen fallen so low as this.

With respect to the grievous social evil this Bill seems to have been designed to foster into comfortable security for the chief sinners, at the expense of their miserable victims, what is to be done then? There is nothing to be done; there is no help in heaven or on earth, unless men will cease to sin, and learn to live pure lives of wholesome self-restraint and self-denial. Then, and then only, will God cease to punish their sin, because then only could relief from the punishment be anything but cruelty to the sinners. I am, of course, writing on the assumption that Mr. Newman's statements are correct; but from his well known high character and principles I cannot entertain any doubt of their being so.

Mary C. Hume-Rothery.

doubt of their being so.
3 Richmond Terrace, Middleton,
Manchester, October 2.



Questions for Discussion

- 1. What are the main arguments expressed in the extracts?
- 2. The first source raises concerns about the role of parliament in medical decisions. What insights can we gain about how people in the later nineteenth century viewed the authority and power of the British state, particularly in relation to public health mandates?
- 3. How do the opinions expressed in the extracts compare to modern day debates surrounding vaccination?



SOURCE TWO-PLAGUE

Source Intro

A Directory for the Poor Against the Plague and Infectious Diseases was written by Rodger Dixon and published on 16 June 1665, at the start of what is known as "The Great Plague of London". The broadsheet is a public health guide aimed at assisting the poor in protecting themselves against plague. It opens with a preface, highlighting the author's Christian duty to share this advice for the "common good".

Source

"A Directory for the Poor Against the Plague and Infectious Diseases", 1665.

The National Archives, PRO 30/24/4/140, image 1.



The Bock-feller to the Reader.

Since the Author of his fludious care for the Common usin Christian Chair, affording my felf I cannot do a better office, I have freely given the charge of Paper and Princing of this gublication; not doubting but all will reap the benefit thereof, in the time of this Vilitation. Which is the prayer of

From the Sign of the Holy Lamb and Inck bottle, at the East and of St. Pauls Church, 19 June 1665.

Directory for the POOR,

Against the Plague, and Infectious Diseases.

Published for the Common good.

Since it hath pleased God to bestow a small Talent upon me, Christianity obliges me not to hide it in a Napkin, but freely to bestow it upon my fellow Christians, who are not able to purchase the advice of themselves that means of preservation which God hath given us, and the distarts of Nature per mots every one to seek after, I have here published such Remedier, as, being timely used, will preserve all sit of as God hath appointed for life. And such as are not able to make it themselves, though the charge be very small. I hope Christian charity will move their Neighbours of more ability to provide it for them, and not suffer them to perish for want, and thereby endanger not only a greater calamity, but draw down a intelludement upon themselves.

just Judgment upon themselves.

The Cordial Antidote against the Plague.

Take Sage, Rue, of each one handful, M. sterwors 100t, Butter-but 100t, Angelica 100te, and Z. doary of Take Sage, Rue, of each one handful, Meftermore 1001, Butter-But root, disgelica roote, and Z doary of each half an cunce, Virginia Snake-root a quarter of an ounce, Safron 10 grains, Court y erve a chain (at the Horbs fip pr and Drugifersyou may bavesthem all) Maligo. Wine a quart, bruife the herbs, and pe undette roots, and put them in a Pipkin close covered, and fet it to the fire, and let it fland bot, but not boil, for the space of an hour or better, then strain it out, and put in a quarter of an our ce of Mibrodine, and every Night last, for preservation; but if one be taken sick, then let them drink a quarter of a ptur, and cover them to sweat. This Drink will powerfully fortifie the Vitals, and by sweat throw out the Malignity of the distemper. If you see that the party sweat not enough, you may give as much more; and so you may cake the second of the distemper. If you see that the party sweat not enough, you may give as much more; and so you may cake the second of the distemper. If you see that the party sweat not enough, you may give as much more; and so you may cake the second of the safety of

larger quantity then before is preferribed for Prevention, as you fee coufe, and the Confliction requires.

A Drink for all Malignant Feavers.

I recommend unto you a Possit drink to drink after it, wherewith I have cored many hundreds, in the time of the late unhappy Wars, of despetate Feavers (Confin German to the Plague) which was then an Epidemical Disease, and used no other Medecine.

Take Cardum Benedistm, Scabious and Butter-bus roots, and boil them in posset drink, and let them drink

largely of it; and be not too sparing of your ingredients, for they are easie enough to be had.

It may be Objected, That it will be so bitter you cannot drink it: To remedy that, boil it in the mi k full, and the longer it boils the leffe bitter it will be; and when the bitternesse is gone, strain it, and see it on the site again, and when it boils put in your drink, and let it should to raise the cuid, which take off.

This Posset drink hath stayed violent Vomitings and Looseness; by drinking largely of it many have been and the property of the strain to the strain to

cured in 24 hours, when nothing but Death hath been expected.

cured in 24 hours, when nothing but Death hath been expected.

An oneward Application for the Plague.

I will likewife give you an outward Medicine, as good as you hall find in any fort composed, which you may make your selves. Take Bay salt if you can get it, and pound it small and burn it in a Fire-shovel till it leave crackling; it you cannot get Bay salt, take White salt and powder it very fine, then take Cashie sope, slice it thin, and pound it in a Morter; add to it as much oil of Lullyer as will make it soft to an Ointment, then take two parts of Sope, and one of Figs, and one of Salt, and another of Mubridate, an injurhence against. mix them together.

This will not deceive you in your expectation, for it will break any Pestilential Bubo, or Swelling, and

urn out a Carbuncle, and strongly draws out the Malignity, and makes it fit to be cured by any ordinary Medicine.

I would admonish all, not to suffer any thirst in any of those that are lick, but forbid small and cold

I would admonish all, not to suffer any thirst in any of those that are sick, but sorbid small and cold drink; but let them drink Beer of a reason able strength, heated as hot as they can drink in, the hotter the better; and such as can attain unto it, may moderately drink fragrant generous Wine, and Cordial Watert.

There is one main cause of Diseases, by which many people are spoiled, and all are in danger to be instantial unto the such as the sum of the s

the Cuftowe le nfe, 16 June, 1665.

Roger Dixon.



Questions for Discussion

- 1. How does Dixon integrate Christianity into his medical advice? What specific actions does he suggest that reflect religious beliefs of the time?
- 2. Evaluate the effectiveness of the language used in this document as a public health communication tool. How might it have influenced the behaviour of its intended audience? Consider the document's accessibility.
- 3. How do the experiences and challenges faced by the poor during the 1665 plague compare to those faced by economically disadvantaged communities during the recent COVID-19 pandemic? Consider factors such as access to healthcare, public health measures, morality, and the role of the state.



SOURCE THREE—CHOLERA

Source Intro

The first cholera pandemic began in Bengal and spread across India between 1817 and 1824. It caused the death of hundreds of thousands of Indians and many British troops. This outbreak spread as far as China, Japan, Indonesia, Sri Lanka, and Thailand. Due to the expansion of trade routes, the second outbreak, which began in 1826, reached Great Britain, Europe, and the Americas.

Despite key developments in British understandings of sanitation, hygiene, and disease transmission, cholera was frequently referred to as "Asiatic Cholera" or "the Indian Cholera". Often, many blamed the subcontinent for the onset of the disease. The extract below is drawn from correspondence between the sanitary reformer, John Sunderland, and the famous nurse, Florence Nightingale, which they engaged in between 1865–1867. The first extract, written by Nightingale, stresses the critical importance of addressing sanitary conditions in India.

Source

"Correspondence between John Sunderland and Florence Nightingale", 1865–1867.

British Library, MS 45752 (Vol. XIV), <u>images 10–13</u>.



Amerable lot ho. 2. Shehire I said all you can Jay t Massey with any good effect. namely. 1. To witech him generally in the Turitary imperent of kidia. 2. Point out the fact that there are 70,000 traps & 150 williams of heaple the cased for . that every boldier who dies costs the heden Exchequer £100. That labour is more than double the value in hedri it was before the Meeting: that the Value is riving long long: that weretally the population is swept away by mercutta epidenies. What they are are felles subjects new as reuch as Intruers. Meet pulin is the hop has of epidenies from want of Santay Cace



that the must cotty of all manufacting is disease & the work probable, heather That our holding the Country depends on the present high death late in the aring being bright Som, that the perfect & Conlysten of helea are impossible with children that the found state of huka is a dugiace to us. hat the required cultary for danitary unles will from a very wise expenditure: that Theorly theylet do a daid do. ask Many to Luffort us in the Corneil ate grant thenditure for heather fruspour Explain the Savitary Compounds us. Sell him that Eller plan un appeared by the governet butthey Said they had we weney. Pour at the looker the bubli deiner has



Surtamed & parattle diene ont Dulhuin, And Carming Ing C. Wilson, Loing uyund, hevelyen onjuned. In J. Lauren threatens, Calcutta munavaged da pest have . Juy what you where about the humerbality - dales about the projected memorbaths In hedin, het do not advant Itu letter, as the scheme uns only but out for information. show hussey to paper un Seulto herelyen. a general tatte will do most good for you will have to write them on any points that Come wh after he arrives in Judia.







Questions for Discussion

- 1. What does this extract reveal about the priorities of the British colonial administration in India in relation to public health and sanitation?
- 2. How does this extract reflect Victorian notions of "cleanliness"? Consider the tone and language used in the document.
- 3. Discuss how the perception of certain regions or populations as "hotbeds of epidemics" can contribute to xenophobic attitudes and discriminatory practices.



SOURCE FOUR—INFLUENZA

Source Intro

Occurring against the backdrop of the latter stages and aftermath of the First World War, the influenza pandemic of 1918–1920 is believed to have killed an estimated 50 million people, in comparison to the estimated 16 million that died as a result of the Great War.

Due to the ongoing conflict, "flu" quickly became a global disaster. The movement of troops across continents, crowded military camps, and poor living conditions in the trenches created an environment ripe for the transmission of the disease. The high death toll and widespread illness overwhelmed healthcare systems.

Below are four letters penned in 1918 and sent to the Ministry of National Service, the Local Government Board, and the Medical Department of the War Office.

The first letter was written by the Urban District Council of Ardsley on 7 November 1918. The second is a follow-up letter, written on 16 December 1918. The third letter was written by the Northumberland Miners' Mutual Confidence Association on 6 November 1918. This letter addresses issues in the Haltwhistle district. The fourth letter, written on 16 November 1918, is from the Public Health and Housing Department. The letter addresses issues in Birmingham.

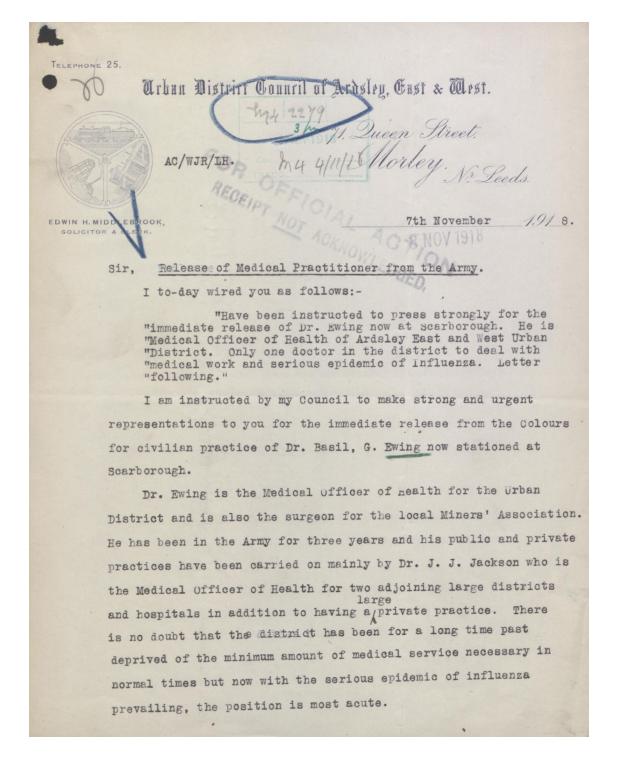
Source

"Ministry of National Service Suggestions to Demobilise General Practitioners Serving in the Forces", 1918.

The National Archives, NATS 1/849, images 57–58, 20–21, 54, 45.



Letter One:





Continuation sheet.

2.

The Council therefore, whilst appreciating to the full the importance of the present work of Dr. Ewing, have no alternative but to press most strongly for his release to attend to his practice in the district.

The population of the District is 8,500 and the acreage 4,017 acres and the majority of the male population are coal miners, ironworkers and farmers, and I am sure you will agree that it is impossible for one doctor to cope with the work of a district of this kind. Further there is a large amount of discontent among the miners owing to lack of proper medical service which certainly means a serious shortage in coal output at the present time.

Under all the circumstances the Council will be very glad if you can see your way to release Dr. Ewing immediately, and I shall be glad to hear from you at your earliest convenience so that I can report to my Council.

I am, Sir,

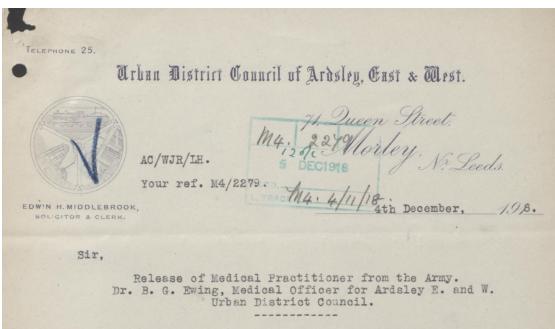
Edwin N. hiadlehook.

Clerk to the Council.

Sir Auckland Geddes, Minister of National Service, London S. W.



Letter Two:



Referring to my letter to you of the 7th November last and your letter of the 11th November with reference to the release of Dr. Ewing, I beg to inform you that the doctor is now over on a month's leave which expires on the 16th inst. and unless he receives further instructions he will have to report at Scarborough on that day.

The position is if anything worse in the district than it was at the date of my last letter and Dr. J. J. Jackson, the only other medical practitioner in the district, has had a serious breakdown so that now Dr. Ewing is the only doctor left in the district, which is, as I said previously, an industrial district with an acreage of 4.017 acres.

To do the work satisfactorily and expeditiously the doctor requires a motor-car but of course he cannot be expected to obtain one if he has to re-join the Colours at an early date, and the same thing applies to providing a stock of drugs.



continuation sheet 2.

The influenza epidemic is still very serious in the district and the elementary and Sunday schools are all closed until after the Christmas holidays.

In view of all these circumstances and the absolute need of the district for proper medical services, I am instructed by the Council to earnestly request you to arrange for the permanent release of Doctor Ewing from the colours.

As the matter is most urgent, I shall be pleased to have your reply at your earliest convenience.

I am, Sir,

Your obedient servant,

Edwin N. hind delrook.

Clerk.

The Secretary,
Ministry of National Service,
Westminster,
London 5. W. 1.



Letter Three:

101946/1918. (Copy). Northumberland Miners Mutual Confident Burt Hall, Newcastle-on-Tyne. (address) 3, Scotsfield Terrace, Haltwhistle. 6th November, 1918. Sir, On behalf of the Miners of Plenmellor and South Type Collieries we beg to call your attention to the inadequate Medical attendance in this (Haltwhistle) district. The population in this district is over 8,000 and is largely made up of Miners, Quarrymen, Agricultural Labourers etc. Prior to the war we had 3 doctors residing in Haltwhistle, i.e. Dr. Williams, Dr. Glasse, and Dr. Stonehouse. Dr. Glasse is at present serving with His Majesty's Forces and Dr. Stonehouse who served for a time with the Forces is suffering from illhealth and cannot attend his work with any degree of certainty. Such being the case we are at the present time practically dependent upon Dr. Williams who (whilst doing his best) cannot be expected to cope with the situation. We have many cases of Influenza in the district. This together with the fact that accidents in the Mines are occurring frequently which need medical attention places us in a very serious position indeed. have done our best (owing to the demand for Doctors in the Army) to cope with the situation but our Workmen feel that the position is now so serious that we ask you to take action with a view to having Dr. Glasse back or at least to grant us a better medical service. Nothing but dire necessity would have made us write you on the matter but knowing the great need there is for Coal and therefore the Miners health should be looked after we respectfully suggest that you would give the matter your favourable consideration We beg that the matter may have your immediate at once. attention as it is we beg to assure you altogether serious. Thanking you in anticipation, Your obedient Servant. On behalf of the Miners (Sgd) Robert J. Taylor CC. Alfred Makepeace. Wilfred Young Jonathan Bell Geo. W. Shield, J.P. P.S. Will you kindly reply to Geo. W. Shield, 3, Scotsfield Terrace,



Letter Four:

104,963 M.2. 1918. PUBLIC HEALTH and HOUSING DEPARTMENT, (Copy)

The Council House,

16th November, 1918.

Sir,

Shortage of Doctors in Birmingham.

Birmingham.

I have been asked by the Public Health Committee to approach you with a view to your taking steps to liberate as a matter of great urgency certain general practitioners for work in Birmingham during the continuance of the Influenza epidemic. At the present time the shortage of doctors is so great that those here at present cannot undertake the work. I have heard of many cases in which doctors cannot be obtained at all in serious illness, and I know that there are many patients who are getting insufficient attendance by reason of their medical men being grossly overworked. The number of cases of Pneumonia in Birmingham in a dying condition is large. During the past four weeks we have had nearly four hundred deaths, and therefore, the Public Health Committee think that if some of the general practitioners could be liberated, if only on temporary furlough for the purpose, the situation would be met. If this could be done I would be very glad to ask the Local War (Medical) Committee to obtain the loan of those most urgently wanted.

If I can give you any further information, I shall be very pleased to do so.

I am sending a similar letter to the Central War (Medical) Committee and to the Medical Department of the War Office.

Yours faithfully,

(Sgd) John Robertson.

The Secretary,
The Local Government Board,
Whitehall, London, S.W. 1.



Questions for Discussion

- 1. How did the shortage of medical professionals affect public health responses in different districts?
- 2. Analyse the relationship between the war and the handling of the influenza pandemic.
- 3. Consider the response to the influenza pandemic as outlined in this correspondence. Compare this to more recent public health crises. What lessons can be learnt?



Questions for General Discussion

The following questions are designed to prompt a wider discussion on the events, issues, and themes highlighted in the sources.

- 1. How successful do you think government efforts were in terms of managing the pandemics considered throughout this exercise?
- 2. How did social and cultural attitudes, as well as religious belief, influence public health measures and the spread of these diseases?
- 3. To what extent have pandemics acted as catalysts for broader social, political, and scientific change in Britain?
- 4. What similarities can be identified between responses to COVID-19 and those generated by previous pandemics (plague, smallpox, cholera, and influenza)?
- 5. To what extent do the media and the government create moral panics during public health crises?

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Pandemics, Society, and Public Health, 1517–1925, falls under the broad themes of "Medicine" and "Science and Technology".

You can explore related collections, such as *Essays and Dissertations of the Scottish Royal Medical Society, 1751–1801*, and *Records from Bethlem Royal Hospital, 1559–1932*, by scanning the QR code.





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Based on a proposal from a member of BOA's Content team (all of whom have a background in historical scholarship), we collaborate with staff at the relevant archives, libraries, and heritage institutions, as well as with external academics and heritage experts, to shape the collection and produce a full item listing. The next step is equally important: the comprehensive conservation of the physical documents. Typically, this is carried out by professional conservators at the archives themselves, but it is funded by BOA. This crucial process ensures that the documents remain in excellent condition for use by other researchers for years to come.

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