

loss of 14 lives. When the diver was examining the pipe the citizens had evidence that there was a leak in the pipe for the water at the point of break being stirred up, muddy water was distributed over town. After the repair of pipe the epidemic entirely ceased though it was practically over before that date (May 6th). One might readily ask why it was that the epidemic did not break out sooner or why it stopped even before the break was repaired. On referring to the course of the currents already given, it will be seen that the point of break is near the "dead line" and it would only be when an east or north-east wind blew that there would be any danger of sewage passing over the break. (The prevailing wind here is from the south-west). After the harbor became frozen over there must have been some change in currents or these were influenced by the heavy inrush of water during the many thaws of last winter. In this connection I may say that there was a heavy thaw with much rain the last week in January and it was from ten to eighteen days after that about one-third of the total number were attacked. With the breaking up of the ice the effects of the prevailing south-west winds can again be seen. Add to this the effects of such precaution as boiling the water before use, etc., and the more careful disinfection of excreta, and we have the main factus in the disappearance of the infection. On examining Table VI one notes that the water even at present date, still shows at times infection with colon and colonoid organisms. This points either to an unrepaired or an improperly repaired leak in the pipe or else the water at the intake is occasionally infected. If so the infection probably comes from Portsmouth or the public institutions, the Penitentiary or Asylum for insane. At the present writing (Sept. 5th), both Portsmouth and the Asylum have typhoid cases. Our city has had one case of typhoid reported in July, (July 31st), and two in August one of which at least was in all probability infected outside the city. The question as to whether it is our city water which is causing the few cases which do crop up annually in our city is one of importance, and one which as yet neither our health officials nor our city waterworks committee have inquired into. It looks as if they had relapsed into their previous state of torpor