ABSTRACT

The report is devoted to the results of the Pre-diploma Practice titled “Mathematical and software system for multiregional dynamic vaccine allocation during an influenza epidemic ” that took place from September, 03, to October, 28, 2018 at the department of LTD “PTS UA SERVICES”. During the practice, the task for the thesis is set, criteria for choosing the method for solving this task are formulated. The methods of multiregional dynamic vaccine allocation are discussed. According to the formulated criteria, the telescope-to-the-future switching algorithm heuristic was chosen for solving the task.