

DIVERSIFICATION OF INFLUENZA ACTIVITY IN DIFFERENT VOIVODESHIPS IN POLAND DURING EPIDEMIC SEASON 2015/2016

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The National Influenza Center (NIC) in the Department of Influenza Research at the National Institute for Public Health - National Institute of Hygiene (NIPH-NIH) participates in the Global Influenza Surveillance and Response System (GISRS) and continuously coordinates epidemiological and virological surveillance of influenza in Poland. The influenza surveillance involves 16 Voivodeship Sanitary Epidemiological Stations that report influenza and influenza-like illness among the Polish population. In the epidemic season 2015/2016 in all regions studied over 8000 specimens for the respiratory virus infections. In all provinces the circulation of influenza viruses A and B was confirmed, with the dominant subtype being A/H1N1/pdm09, usually occurring in the Pomerania, Podlasie, Subcarpathian, Lubuskie, Silesian and Warmian-Masuria Voivodeships. The influenza-like virus occurred in individual cases, except for RSV, which was detected in the Wielkopolska and Warmia-Masuria Voivodeship. The highest number of cases and suspected cases of the flu as well as highest incidence was recorded in the Pomerania Voivodeship, the lowest in the Lubuskie Voivodeship. The aim of this study was to determine the activity of respiratory viruses in the epidemic season 2015/2016 in Poland, divided into voivodeships.

Key words: *influenza, voivodeship, vaccine, infection, respiratory viruses*