

The immunization status of children of 1st grade in elementary schools of city of Trikala, Greece in 2016-17

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The purpose of this survey was to assess the immunization status of children in the 1st grade of elementary school in Trikala city in Greece and to write down the percentage of coverage of each vaccine that is included in the national immunization program and also to record the vaccination coverage and to compare it with previous records at national and global level. The size of the sample was 667 students of 30 schools in the city of Trikala. Of the 667 students, 618 students participated (92.65% participation). Percentage of vaccination DTP-Polio (Diphtheria-Tetanus-Pertussis-Polio)

is low at 84.30%. The full 2-dose MMR vaccination rates are low, of 89.64%. Hepatitis B: vaccination coverage 98.06%; Haemophilus type B: coverage rate is very high 99.51% and Meningitis C: very high vaccination coverage rate. A significant increase is recorded in relation to 2012 rates of 98.71% versus 15%. Pneumococcus: very high vaccination coverage. A significant increase is recorded in relation to the rates of 2012, 89.71% versus 4% chickenpox: high vaccination coverage 92.88% hepatitis A: High vaccination coverage rate 92.56% Influenza: The vaccination rate is low, just 16.99%, as according to the national vaccination program only children of high risk are vaccinated. Meningococcus B: this much-discussed vaccine is recorded at low rates, 16.34% as the cost of the vaccine is high and not covered by the insurance funds. Rotavirus: It is a restricted vaccine as it is strictly given at certain times, so if it is not done in the first infancy, it is not recommended to use it later. This in combination with the partial insurance coverage does not favor broad vaccination.

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