

## DETERMINATION OF TEACHERS' DEMAND BY USING AGE PYRAMIDS BETWEEN THE YEARS 2015-2020

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*Presentation/Paper Type: Oral / Abstract*

**Abstract** – Until the last four decades, number of teachers have been insufficient in public schools of Turkey. Nowadays, there is still an overall imbalance between supply and demand for teachers, because teacher supply is in surplus. It is associated with engaging short-term solutions and not being used rational, scientific and cost-effective approaches for educational planning. The aim of the study is to determine an adequate demand of teachers in public school of Turkey, resulting from age-related retirements between 2015-2020, via age pyramids. Information presented in this study was drawn from Ministry of National Education Information Technology (MEBBİS). The most up to date information available in MEBBİS was used. The informations include gender, year of birth and speciality of teachers. According to the speciality of teachers, all age pyramids were created by Statistical Package for the Social Science (SPSS) software, taking into account gender and number of age-related retirements was calculated for each speciality in each single year. Graphics were created. Forecasting teacher supply and demand is a complex process, impacted significantly by a range of internal and external factors. Age-related retirement is one of these factors. Our study is suggested that age pyramids can be useful to determinate demand of teachers resulting from age-related retirements.

**Keywords** – *teacher demand, age pyramids, supply demand balance*