

KiGGS – The German Health Interview and Examination Survey for Children and Adolescents

Abstract Principal Publication

Bundesgesundheitsbl – Gesundheitsforsch – Gesundheitsschutz 2007 · 50: 670-676

K. E. Bergmann · R. L. Bergmann · U. Ellert · J. W. Dudenhausen

Perinatal risk factors for long-term health. Results of the German Health Interview and Examination Survey for Children and Adolescents (KiGGS)

Abstract KiGGS is a health survey on 17,641 children and adolescents in 167 communities representative for Germany, conducted between May 2003 and May 2006. Of the perinatal indicators, only a small proportion of data important for long-term outcomes was available for statistical analysis, and is presented here. In the past 20 years the mean weight gain during pregnancy has increased significantly by 2 kg, the mean birth weight has increased significantly by an average of 50 g, there has been no significant time trend for smoking and alcohol consumption in pregnancy. Birth weight and pregnancy weight gain of the mother correlate significantly. Pregnancy weight gain explains 5% of the birth weight in first-born infants. 17–18% of the mothers smoked during pregnancy, 4 times as many in the lower than the upper social class. 14% of the mothers consumed alcohol in pregnancy, but only 1% regularly. Only 5% of the migrants, but 3 times as many of the non-migrants consumed alcohol in pregnancy, and 2 1/2 times as many of the upper class compared to the lower class. With respect to smoking and alcohol consumption during pregnancy there seems to be an urgent need for political action.

Keywords Health Survey - Children - Adolescents - Pregnancy - Birth weight - Smoking - Alcohol - Weight gain
