of unemployment at 6 or 24 months. All models were adjusted for age, gender, level of education and country of origin. Gender interactions were examined.

**Results** 3969 participants were employed or unemployed and seeking work at baseline and at 6 months. 6% (n=221) had major depression at 12 months. Participants who were employed baseline but unemployed at 6 months compared to those employed at both time points had adjusted RRR of 1.63 (95% CI 1.02 to 2.60) for presence of depressive symptoms and 1.50 (95% CI 0.83 to 2.72) for major depression at 12 months. Gender differences were not significant. 12% (n=465) were unemployed at 6 months. The adjusted OR of being unemployed at 6 months, for participants with major depression at baseline and 6 months was 1.65 (95% CI 1.01 to 2.64). The OR of unemployment at 24 months associated with major depression at baseline or 6 months in men was 3.52 (95% CI 0.97 to 12.75) adjusted for lifetime depression and was further attenuated on adjustment for prior employment. In women (95% CI 0.97 to 12.75) adjusted for lifetime depression and was further attenuated on adjustment for prior employment. In women the equivalent OR was 0.98 (95% CI 0.54 to 1.79).

**Discussion** There is some evidence that both causation and health selection result in raised levels of depressive symptoms in the unemployed. General practitioners should carefully monitor recently unemployed adults for onset of depressive symptoms and possible subsequent major depression. Adults with depression may have raised risks of subsequent unemployment and so should be supported at work.

**026** THE INCIDENCE AND REPETITION OF HOSPITAL-TREATED DELIBERATE SELF-HARM IN IRELAND

**Objective** Irish Travellers are a significant minority group characterised by a nomadic lifestyle, specific culture, and significant socioeconomic and health disadvantage. When last documented in 1956, their fertility rate was one of the highest in Europe and infant mortality was almost 3 times the Irish average. The purpose of this study was to investigate prospectively the health status, health utilisation and health care needs of Traveller infants from birth through first year of life.

**Setting** The Traveller Birth Cohort Study is a linkage sub-study of the All Ireland Traveller Health Study (AITHS) on Island of Ireland (IOI): Republic of Ireland (ROI) and Northern Ireland (NI). Participants All proband babies born to self-identifying Traveller mothers over a one year period (13th October 2008 to 14th October 2009) on IOI. Methodology A two-stage recruitment process was undertaken through families themselves during the main census using an innovative audio-visual computer-based survey and subsequently consents for the study were obtained by the public health nurses (PHN) or the main study coordinator. In ROI, identification of participants was aided by birth notification forms, the national metabolic screening registers, PHNs’ local knowledge and Traveller health projects, and in NI, by Health Visitor notifications and informal local Traveller networks. The participating mothers carry a specifically designed Parent-held Child Record. Fertility rates calculation used data from between the cohort and the AITHS census. Results 980 eligible mothers were identified; to date 468 (51.2%) mothers consented in ROI and 34 (50.7%) in NI (in progress). Median maternal age was 25 years old (mean 25.8, SD 5.6) compared to the 2007 national average of 31.1; with 75% of the cohort group under 30 years old. Peak age-group for Travellers was 20-24 years old, this was 30-34 years old for general population. 980 babies were identified, 14 were twins and 51.5% were male. Since 1986, the Travellers (ROI) crude birth rate has dropped from 34.9 to 25.1; the general- and total period- fertility rates have also dropped from 164.1 to 97.0 and from 5.3 to 2.9 respectively. Both are still significantly above the 2008 ROI national average of 64.6 and 2.1.