

# Jobs in Scotland and the UK's single market

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**1.1** Treasury analysis shows that almost 270,000 jobs in Scotland, over 10% of total Scottish employment, are linked to the UK's single integrated market.

**1.2** The analysis is based on the work of Professor Brian Ashcroft of Strathclyde University. Professor Ashcroft calculates that 247,000 private sector Scottish jobs are dependent on trade with the rest of the UK, based on Scotland's 2009 input output tables and the 2009 business register employment survey. Professor Ashcroft uses the Scottish input output tables to calculate the percentage of each industry's jobs that are linked to trade with the rest of the UK.

**1.3** Annual Survey of Hours and Earnings (ASHE) data from 2013 is used in the analysis to break down Professor Ashcroft's analysis by industry, age and sex. The percentage of private jobs in each industry, split by age and sex, from ASHE was then applied to industry level Workforce Jobs data.

**1.4** The analysis then uses the same ratio for jobs that are linked to trade with the UK for each industry that was calculated by Professor Ashcroft and applies this to the Workforce Jobs data split by age and sex. As 2013 rather than 2009 data is used the total number of jobs dependent on trade with the rest of the UK is slightly higher than Professor Ashcroft's analysis given the increase in Scottish employment between 2009 and 2013. The analysis assumes that the distribution of jobs that are linked to trade within individual industries is uniform across age and sex.

**1.5** Any calculations dependent on a weighted ASHE sample size of less than 1000 and any results below 1000 have been suppressed.

**Table 1.A: Scottish jobs linked to trade with the UK by industry, age and gender**

Summary: dependent on UK trade	Men						Women						All					
	16-24	25-34	35-49	50-64	65+	Total	16-24	25-34	35-49	50-64	65+	Total	16-24	25-34	35-49	50-64	65+	Total
Agriculture, forestry and fishing	2,000	1,000	3,000	2,000	-	8,000	-	-	-	-	-	2,000	2,000	2,000	3,000	3,000	-	10,000
Mining and quarrying	-	4,000	8,000	7,000	-	19,000	-	2,000	3,000	-	-	8,000	3,000	6,000	11,000	8,000	-	27,000
Manufacturing	3,000	7,000	13,000	10,000	-	34,000	1,000	2,000	4,000	3,000	-	11,000	4,000	9,000	18,000	13,000	-	45,000
Electricity, gas, steam and air conditioning supply	-	-	-	-	-	2,000	-	-	-	-	-	1,000	-	-	1,000	-	-	3,000
Water supply: sewerage, waste and remediation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and storage	-	1,000	4,000	3,000	-	9,000	-	-	-	-	-	2,000	-	2,000	5,000	3,000	-	11,000
Information and communication	-	2,000	3,000	2,000	-	7,000	-	1,000	2,000	-	-	4,000	1,000	3,000	5,000	3,000	-	12,000
Financial and insurance activities	1,000	6,000	10,000	2,000	-	20,000	3,000	7,000	10,000	4,000	-	23,000	4,000	13,000	20,000	7,000	-	43,000
Professional, scientific and technical activities	2,000	6,000	10,000	7,000	-	25,000	2,000	7,000	8,000	4,000	-	22,000	4,000	13,000	18,000	11,000	1,000	47,000
Administrative and support service activities	5,000	9,000	12,000	9,000	-	37,000	5,000	7,000	11,000	7,000	1,000	31,000	11,000	15,000	24,000	16,000	2,000	68,000
<b>Total</b>	<b>16,000</b>	<b>37,000</b>	<b>64,000</b>	<b>43,000</b>	<b>3,000</b>	<b>163,000</b>	<b>13,000</b>	<b>27,000</b>	<b>41,000</b>	<b>22,000</b>	<b>2,000</b>	<b>104,000</b>	<b>29,000</b>	<b>64,000</b>	<b>105,000</b>	<b>64,000</b>	<b>5,000</b>	<b>267,000</b>