























































































































**Table 32: BL2 Men, employment rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	6,570	0.373	.209***	.113***	7,798	0.623	.051***	.047***	51,263	0.740	.015***	.012***
Science and Mathematics	196	0.228	.239***	.205***	49	0.368	.073	.076	236	0.586	.014	.008
Agriculture, Horticulture and Animal Care	889	0.282	.182***	.153***	516	0.378	.053***	.058**	3,196	0.601	.012**	.01
Engineering and Manufacturing Technologies	8,123	0.251	.326***	.168***	2,388	0.600	.044***	.015	11,707	0.724	.01***	.007
Construction, Planning and Built Environment	11,809	0.217	.381***	.297***	2,545	0.532	.009	.035***	8,253	0.652	.005	.017***
Information and Communication Technology	4,518	0.317	.225***	.134***	3,235	0.505	.072***	.05***	30,472	0.557	.015***	.022***
Retail and Commercial Enterprise	2,118	0.322	.254***	.136***	1,241	0.546	.046***	.027*	5,213	0.653	.039***	.022***
Leisure, Travel and Tourism	6,435	0.344	.229***	.102***	3,712	0.620	.042***	.027***	19,446	0.773	.01***	.006***
Arts, Media and Publishing	1,811	0.313	.185***	.127***	1,183	0.459	.031***	.045***	8,077	0.609	-.002	-.001
History, Philosophy and Theology	54	0.329	.221***	.122	43	0.455	.115	.098	486	0.612	-.011	-.03
Social Sciences	49	0.341	.177**	.008	43	0.568	.077	.198**	376	0.636	-.007	-.048**
Languages, Literature and Culture	630	0.317	.232***	.13***	1,553	0.618	.085***	.063***	17,660	0.737	.005**	.001
Education and Training	100	0.259	.188***	.124*	66	0.497	.004	.019	335	0.486	.072***	.063**
Preparation for Life and Work	33,303	0.317	.184***	.146***	29,463	0.388	.126***	.075***	101,860	0.510	.081***	.041***
Business, Administration and Law	1,186	0.290	.23***	.109***	677	0.493	.077***	.028	3,682	0.678	.014**	.021***

Source: Frontier analysis of ILR-HMRC/DWP data

**Table 33: FL2 Men, employment rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	4,623	0.250	.393***	.257***	1,025	0.559	.165***	.194***	2,864	0.702	.06***	.028**
Science and Mathematics	525	0.184	.365***	.224***	32	0.495	.043	-.008	24	0.465	.13**	-.019
Agriculture, Horticulture and Animal Care	1,365	0.207	.368***	.222***	265	0.598	.055**	-.014	1,249	0.697	.059***	.023
Engineering and Manufacturing Technologies	12,450	0.263	.413***	.269***	4,017	0.658	.045***	.008	15,146	0.735	.028***	-.012**
Construction, Planning and Built Environment	12,499	0.278	.359***	.184***	5,014	0.553	.045***	-.012	16,919	0.612	.049***	.031***
Information and Communication Technology	5,383	0.207	.356***	.243***	345	0.517	.103***	.051	1,197	0.650	.017	.034**
Retail and Commercial Enterprise	3,255	0.285	.382***	.208***	1,365	0.615	.095***	.043**	5,470	0.716	.044***	.038***
Leisure, Travel and Tourism	5,879	0.202	.413***	.255***	688	0.556	.058***	.04	2,593	0.652	.058***	.03***
Arts, Media and Publishing	5,818	0.204	.343***	.221***	348	0.417	-.011	.046	250	0.452	.041*	.024
History, Philosophy and Theology	-	-	-	-	-	-	-	-	13	0.621	.071	.06
Social Sciences	16	0.364	.379**	.538***	-	-	-	-	-	-	-	-
Languages, Literature and Culture	134	0.140	.508***	.193	-	-	-	-	14	0.659	.045	-.59***
Education and Training	14	0.692	-.045	-.244	14	0.798	-.113	-.18	132	0.539	.181***	.057
Preparation for Life and Work	1,384	0.216	.422***	.111	151	0.485	.077*	.254**	249	0.510	.069**	-.048
Business, Administration and Law	3,335	0.245	.366***	.221***	1,272	0.705	.069***	.036**	5,389	0.811	.025***	-.007

**Source: Frontier analysis of ILR-HMRC/DWP data.** Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero). Cells which are potentially disclosive have been marked with “-“.

**Table 34: FL3 Men, employment rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	3,617	0.244	.48***	.153***	663	0.586	.087***	-.063**	2,824	0.709	.045***	-.023**
Science and Mathematics	10,551	0.182	.377***	.189***	424	0.518	.06**	-.027	310	0.569	.004	-.04
Agriculture, Horticulture and Animal Care	1,570	0.210	.433***	.16***	249	0.485	.138***	-.091	417	0.582	.075***	.048
Engineering and Manufacturing Technologies	6,167	0.276	.444***	.229***	1,727	0.608	.154***	.004	2,147	0.682	.101***	.036**
Construction, Planning and Built Environment	4,096	0.446	.253***	-.123***	2,102	0.659	.054***	-.031	3,327	0.625	.058***	-.01
Information and Communication Technology	9,508	0.197	.429***	.302***	803	0.400	.173***	.05	293	0.516	.075***	.025
Retail and Commercial Enterprise	1,362	0.405	.238***	.035	340	0.596	.098***	.039	808	0.683	.059***	-.02
Leisure, Travel and Tourism	9,686	0.216	.461***	.262***	378	0.500	.094***	-.02	87	0.407	.206***	.244**
Arts, Media and Publishing	17,948	0.225	.367***	.165***	2,053	0.456	.105***	-.036	813	0.444	.012	-.036
History, Philosophy and Theology	2,614	0.199	.345***	.172***	281	0.556	-.015	-.014	296	0.496	-.01	.032
Social Sciences	3,241	0.209	.377***	.195***	136	0.485	.038	.025	146	0.468	-.036	-.05
Languages, Literature and Culture	3,011	0.189	.391***	.188***	41	0.618	-.121	-.11	72	0.548	.077	.167
Education and Training	36	0.639	-.041	-.019	124	0.663	.075*	-.021	710	0.764	.043***	-.007
Preparation for Life and Work	475	0.400	.182***	.027	1,095	0.568	-.014	-.037	1,404	0.537	.008	-.023
Business, Administration and Law	7,718	0.234	.4***	.23***	981	0.600	.109***	-.032	1,967	0.749	.05***	.024

Source: Frontier analysis of ILR-HMRC/DWP data



Table 35: BL2 Women, employment rate

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	12,810	0.355	.233***	.104***	12,352	0.675	.051***	.039***	81,200	0.735	.022***	.018***
Science and Mathematics	201	0.276	.266***	.128**	95	0.613	.016	.1*	547	0.647	.021	.011
Agriculture, Horticulture and Animal Care	768	0.295	.221***	.163***	397	0.554	.051***	.033	3,873	0.679	.019***	.0
Engineering and Manufacturing Technologies	711	0.411	.197***	.073***	920	0.651	.071***	.025	4,902	0.748	.004	-.003
Construction, Planning and Built Environment	313	0.315	.27***	.208***	211	0.620	.039	.047	1,206	0.654	.047***	.015
Information and Communication Technology	3,492	0.378	.199***	.108***	6,001	0.568	.086***	.071***	69,362	0.633	.044***	.034***
Retail and Commercial Enterprise	7,170	0.281	.287***	.15***	2,876	0.591	.049***	.042***	17,140	0.724	.026***	.022***
Leisure, Travel and Tourism	2,855	0.370	.244***	.107***	1,780	0.658	.073***	.058***	9,988	0.739	.021***	.019***
Arts, Media and Publishing	2,449	0.346	.205***	.11***	2,691	0.610	.037***	.015	24,742	0.659	.012***	.003
History, Philosophy and Theology	86	0.377	.245***	.195**	81	0.673	.061	-.001	1,246	0.673	.022**	.025*
Social Sciences	130	0.341	.268***	.213***	167	0.595	.055*	.1*	1,117	0.672	.02*	.013
Languages, Literature and Culture	1,780	0.389	.223***	.122***	4,537	0.660	.073***	.043***	33,251	0.736	.014***	.008***
Education and Training	144	0.365	.157***	.19***	230	0.582	.079***	.025	1,668	0.621	.073***	.076***
Preparation for Life and Work	23,706	0.329	.194***	.149***	33,450	0.407	.186***	.101***	135,425	0.570	.091***	.052***
Business, Administration and Law	1,945	0.356	.246***	.136***	1,811	0.618	.069***	.057***	9,197	0.690	.046***	.042***

Source: Frontier analysis of ILR-HMRC/DWP data. Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero)

**Table 36: FL2 Women, employment rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	15,472	0.220	.418***	.273***	3,356	0.616	.106***	.048***	24,458	0.686	.098***	.028***
Science and Mathematics	548	0.174	.404***	.298***	50	0.547	.084	-.08	145	0.770	.074**	-.05
Agriculture, Horticulture and Animal Care	1,770	0.205	.361***	.223***	275	0.556	.144***	.1**	712	0.584	.049***	.018
Engineering and Manufacturing Technologies	549	0.358	.313***	.216***	538	0.717	.074***	-.025	2,956	0.789	.001	.0
Construction, Planning and Built Environment	200	0.330	.347***	.202***	98	0.533	.173***	.111	550	0.553	.089***	.015
Information and Communication Technology	1,184	0.238	.363***	.218***	354	0.707	.04*	.02	2,473	0.742	.034***	-.013
Retail and Commercial Enterprise	15,814	0.263	.384***	.213***	4,670	0.578	.073***	.023**	15,619	0.668	.049***	.016***
Leisure, Travel and Tourism	4,012	0.212	.433***	.262***	294	0.539	.093***	.096**	741	0.674	.045***	.014
Arts, Media and Publishing	5,004	0.191	.376***	.244***	193	0.485	.004	.049	346	0.551	.036	-.035
History, Philosophy and Theology	-	-	-	-	-	-	-	-	-	-	-	-
Social Sciences	14	0.206	.469***	.04	-	-	-	-	-	-	-	-
Languages, Literature and Culture	162	0.131	.534***	.379***	21	0.483	-.008	.518***	57	0.456	.301***	.458***
Education and Training	95	0.492	.253***	.246***	206	0.603	.127***	.066	4,032	0.639	.176***	.14***
Preparation for Life and Work	849	0.221	.409***	.225**	208	0.504	.158***	.199	941	0.634	.102***	.022
Business, Administration and Law	4,749	0.333	.346***	.194***	3,040	0.700	.075***	.031***	11,548	0.766	.047***	.012**

**Source: Frontier analysis of ILR-HMRC/DWP data.** Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero). Cells which are potentially disclosive have been marked with “-“.

**Table 37: FL3 Women, employment rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	22,087	0.231	.483***	.252***	5,106	0.606	.092***	-.022**	24,359	0.673	.083***	-.012**
Science and Mathematics	13,606	0.203	.408***	.206***	648	0.572	.065***	-.048	1,134	0.612	-.002	-.075***
Agriculture, Horticulture and Animal Care	3,079	0.204	.457***	.292***	351	0.583	.13***	-.006	517	0.576	.139***	.057
Engineering and Manufacturing Technologies	375	0.230	.477***	.289***	66	0.592	.19***	-.07	195	0.690	.096***	.08
Construction, Planning and Built Environment	149	0.423	.355***	-.077	114	0.618	.166***	-.055	223	0.648	.158***	-.098
Information and Communication Technology	2,241	0.206	.439***	.279***	231	0.439	.235***	.094	404	0.688	.055***	.02
Retail and Commercial Enterprise	10,391	0.346	.326***	.059***	1,867	0.558	.108***	.028	4,086	0.568	.083***	.033**
Leisure, Travel and Tourism	8,278	0.233	.492***	.293***	237	0.442	.204***	.049	122	0.545	.111***	-.033
Arts, Media and Publishing	25,095	0.223	.404***	.212***	1,242	0.483	.102***	.024	1,415	0.540	.043***	-.025
History, Philosophy and Theology	3,745	0.213	.376***	.182***	468	0.605	.014	-.074**	840	0.608	-.002	-.054**
Social Sciences	4,827	0.221	.401***	.195***	301	0.581	.018	-.085**	571	0.602	.005	-.035
Languages, Literature and Culture	8,470	0.206	.409***	.204***	99	0.608	-.057	-.011	270	0.651	.064**	-.006
Education and Training	151	0.612	.077**	.143**	553	0.658	.025	.009	5,679	0.746	.076***	.04***
Preparation for Life and Work	916	0.482	.162***	-.073**	2,776	0.593	.012	-.06***	6,829	0.617	-.013**	-.039***
Business, Administration and Law	7,942	0.267	.414***	.22***	2,155	0.695	.095***	.023	8,074	0.785	.048***	.008

**Source: Frontier analysis of ILR-HMRC/DWP data**

Table 38: BL2 Men, benefit rate

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	6,570	0.058	.008***	-.014***	7,798	0.123	-.018***	-.024***	51,263	0.090	-.011***	-.01***
Science and Mathematics	196	0.030	.036**	-.01	49	0.378	-.01	-.061	236	0.316	.013	.023
Agriculture, Horticulture and Animal Care	889	0.070	.096***	.005	516	0.379	-.016	-.025	3,196	0.314	-.006	.0
Engineering and Manufacturing Technologies	8,123	0.017	.014***	.008***	2,388	0.113	-.017***	-.021***	11,707	0.085	-.011***	-.014***
Construction, Planning and Built Environment	11,809	0.019	.01***	.001	2,545	0.169	-.022***	-.01	8,253	0.138	-.018***	-.022***
Information and Communication Technology	4,518	0.060	.036***	-.005	3,235	0.242	-.011***	-.02***	30,472	0.271	-.012***	-.023***
Retail and Commercial Enterprise	2,118	0.047	.039***	-.007	1,241	0.178	.003	-.003	5,213	0.174	-.012***	-.01**
Leisure, Travel and Tourism	6,435	0.018	.009***	.002	3,712	0.074	-.009***	-.006*	19,446	0.063	-.005***	-.003**
Arts, Media and Publishing	1,811	0.069	.056***	.017*	1,183	0.303	.005	.002	8,077	0.329	-.009***	-.006*
History, Philosophy and Theology	54	0.001	.024		43	0.357	-.096**	-.14**	486	0.251	-.011*	-.009
Social Sciences	49	0.063	.073**	.082	43	0.170	.055**	-.006	376	0.323	0	.02
Languages, Literature and Culture	630	0.036	.008	.002	1,553	0.061	-.012***	-.012**	17,660	0.075	-.008***	-.008***
Education and Training	100	0.254	-.035	-.1**	66	0.343	-.057	-.119**	335	0.299	-.033***	-.034
Preparation for Life and Work	33,303	0.091	.059***	.002	29,463	0.242	-.001	-.009***	101,860	0.302	-.005***	-.004***
Business, Administration and Law	1,186	0.052	.026***	.011	677	0.194	-.021**	-.028*	3,682	0.145	-.016***	-.02***

Source: Frontier analysis of ILR-HMRC/DWP data. Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero)

Table 39: FL2 Men, benefit rate

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	4,623	0.022	-.002	-.028***	1,025	0.123	-.086***	-.133***	2,864	0.085	-.031***	-.022***
Science and Mathematics	525	0.022	.012*	-.017**	32	0.298	-.022	.159	24	0.245	-.058	-.011
Agriculture, Horticulture and Animal Care	1,365	0.012	.018***	.007	265	0.139	-.019*	.003	1,249	0.094	-.024***	-.009
Engineering and Manufacturing Technologies	12,450	0.012	.01***	.006***	4,017	0.074	-.015***	-.006	15,146	0.062	-.008***	-.001
Construction, Planning and Built Environment	12,499	0.015	.011***	.007**	5,014	0.089	-.02***	-.004	16,919	0.087	-.016***	-.005**
Information and Communication Technology	5,383	0.020	.023***	.006**	345	0.263	-.066***	-.111***	1,197	0.179	-.021***	-.037***
Retail and Commercial Enterprise	3,255	0.017	.014***	.003	1,365	0.122	-.037***	-.037***	5,470	0.088	-.016***	-.02***
Leisure, Travel and Tourism	5,879	0.014	.007***	.002	688	0.146	-.014	-.008	2,593	0.141	-.016***	-.007
Arts, Media and Publishing	5,818	0.016	.017***	.003	348	0.346	-.017	-.068**	250	0.428	-.016	-.033
History, Philosophy and Theology	-	-	-	-	-	-	-	-	13	0.166	-.013	-.016
Social Sciences	16	0.010	-.01	.012	-	-	-	-	-	-	-	-
Languages, Literature and Culture	134	0.024	.013	.055	-	-	-	-	14	0.215	.016	.009
Education and Training	14	0.139	.08	-.114	14	0.098	-.027	-.027	132	0.175	-.061**	-.039
Preparation for Life and Work	1,384	0.017	.021***	-.022	151	0.217	-.039	-.219**	249	0.227	-.029*	-.012
Business, Administration and Law	3,335	0.017	.009***	.007**	1,272	0.073	-.02***	-.005	5,389	0.041	-.008***	.002

**Source: Frontier analysis of ILR-HMRC/DWP data.** Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero). Cells which are potentially disclosive have been marked with “-“.

Table 40: FL3 Men, benefit rate

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	3,617	0.006	.008***	-.02**	663	0.089	-.033***	-.039**	2,824	0.086	-.035***	-.033***
Science and Mathematics	10,551	0.004	.002***	.001	424	0.119	-.045***	-.089***	310	0.174	-.077***	-.126***
Agriculture, Horticulture and Animal Care	1,570	0.004	.006***	-.004	249	0.076	-.021	.044	417	0.119	-.03**	.015
Engineering and Manufacturing Technologies	6,167	0.007	.002*	.001	1,727	0.042	-.018***	-.032**	2,147	0.051	-.015***	-.014**
Construction, Planning and Built Environment	4,096	0.007	.003**	-.004	2,102	0.030	-.01***	-.006	3,327	0.072	-.017***	-.002
Information and Communication Technology	9,508	0.008	.013***	.0	803	0.153	-.036***	-.069**	293	0.231	-.06***	-.07**
Retail and Commercial Enterprise	1,362	0.008	.009***	.001	340	0.056	-.019*	-.009	808	0.063	-.004	-.023**
Leisure, Travel and Tourism	9,686	0.004	.004***	.003	378	0.087	-.012	-.096**	87	0.180	-.027	-.047
Arts, Media and Publishing	17,948	0.008	.01***	.003	2,053	0.123	-.033***	-.094***	813	0.300	-.034***	-.11***
History, Philosophy and Theology	2,614	0.007	.002	.003	281	0.107	-.022*	-.043**	296	0.280	-.051***	-.143***
Social Sciences	3,241	0.003	.005***	.0	136	0.166	-.09***	-.154***	146	0.345	-.09***	-.205***
Languages, Literature and Culture	3,011	0.005	.003**	.006**	41	0.101	-.008	.022	72	0.262	-.15***	-.198**
Education and Training	36	0.133	-.109**	-.121**	124	0.083	-.057***	-.06***	710	0.075	-.031***	-.03***
Preparation for Life and Work	475	0.069	-.04***	-.124***	1,095	0.130	-.063***	-.089***	1,404	0.228	-.077***	-.117***
Business, Administration and Law	7,718	0.010	.007***	.001	981	0.087	-.038***	-.03**	1,967	0.072	-.017***	-.026***

Source: Frontier analysis of ILR-HMRC/DWP data. Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero)

**Table 41: BL2 Women, benefit rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	12,810	0.050	.015***	-.005**	12,352	0.127	-.017***	-.017***	81,200	0.107	-.016***	-.012***
Science and Mathematics	201	0.061	.045***	-.017	95	0.364	-.06*	-.058	547	0.244	-.015	.005
Agriculture, Horticulture and Animal Care	768	0.039	.058***	-.011	397	0.222	.014	-.01	3,873	0.173	-.014***	-.007*
Engineering and Manufacturing Technologies	711	0.051	.017**	.004	920	0.109	-.016**	-.002	4,902	0.101	-.007***	.005
Construction, Planning and Built Environment	313	0.095	.013	.001	211	0.259	-.041*	-.024	1,206	0.239	-.041***	-.001
Information and Communication Technology	3,492	0.104	.017***	-.008	6,001	0.265	-.036***	-.04***	69,362	0.210	-.026***	-.026***
Retail and Commercial Enterprise	7,170	0.045	.025***	.004	2,876	0.255	-.014***	-.013*	17,140	0.144	-.02***	-.017***
Leisure, Travel and Tourism	2,855	0.018	.01***	-.005	1,780	0.077	-.002	-.004	9,988	0.108	-.013***	-.011***
Arts, Media and Publishing	2,449	0.055	.026***	.002	2,691	0.206	-.009**	-.01	24,742	0.221	-.02***	-.01***
History, Philosophy and Theology	86	0.100	.01	-.015	81	0.252	-.071**	-.056	1,246	0.193	-.024***	-.01
Social Sciences	130	0.087	.001	-.023	167	0.189	-.014	.001	1,117	0.212	-.016**	-.01
Languages, Literature and Culture	1,780	0.028	.008***	.001	4,537	0.054	-.005***	-.009***	33,251	0.082	-.012***	-.009***
Education and Training	144	0.224	.003	-.064**	230	0.310	-.005	.015	1,668	0.189	-.017***	-.011
Preparation for Life and Work	23,706	0.115	.061***	.001	33,450	0.224	-.001	-.01***	135,425	0.317	-.015***	-.012***
Business, Administration and Law	1,945	0.054	.027***	.016**	1,811	0.199	-.019***	-.02**	9,197	0.158	-.024***	-.022***

Source: Frontier analysis of ILR-HMRC/DWP data

**Table 42: FL2 Women, benefit rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	15,472	0.022	.009***	.004**	3,356	0.183	-.044***	-.035***	24,458	0.113	-.038***	-.018***
Science and Mathematics	548	0.030	.005	-.004	50	0.197	-.001	-.003	145	0.114	-.008	-.011
Agriculture, Horticulture and Animal Care	1,770	0.015	.011***	.005	275	0.154	-.036***	-.059**	712	0.219	-.028***	-.057***
Engineering and Manufacturing Technologies	549	0.027	.015**	-.007	538	0.063	.009	.025**	2,956	0.053	.003	.003
Construction, Planning and Built Environment	200	0.050	-.008	-.061**	98	0.205	-.042	-.054	550	0.314	-.074***	-.058**
Information and Communication Technology	1,184	0.025	.015***	-.001	354	0.162	-.031**	.016	2,473	0.118	-.027***	-.022***
Retail and Commercial Enterprise	15,814	0.025	.015***	.007***	4,670	0.264	-.041***	-.03***	15,619	0.178	-.028***	-.022***
Leisure, Travel and Tourism	4,012	0.014	.009***	.007**	294	0.249	-.049***	-.044**	741	0.211	-.029***	-.004
Arts, Media and Publishing	5,004	0.017	.014***	.004	193	0.408	-.003	-.062	346	0.403	-.027**	.002
History, Philosophy and Theology	-	-	-	-	-	-	-	-	-	-	-	-
Social Sciences	14	0.036	-.024	-.095	-	-	-	-	-	-	-	-
Languages, Literature and Culture	162	0.034	.027**	.024	21	0.474	-.13*	.015	57	0.226	-.062	.128
Education and Training	95	0.053	-.024	-.051**	206	0.195	-.064***	-.048	4,032	0.116	-.042***	-.032***
Preparation for Life and Work	849	0.060	.024***	-.094	208	0.310	-.047**	-.173**	941	0.260	-.043***	-.039
Business, Administration and Law	4,749	0.033	.009***	.005	3,040	0.115	-.023***	-.01	11,548	0.090	-.02***	-.013***

**Source: Frontier analysis of ILR-HMRC/DWP data.** Empty cells indicate that statistic could not be calculated due to small samples (e.g. dividing by zero). Cells which are potentially disclosive have been marked with “-“.



**Table 43: FL3 Women, benefit rate**

Study area	Aged 16 to 19				Aged 20 to 24				Aged 25 +			
	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact	Number	Before	Raw difference	Year dummy impact
Health, Public Services and Care	22,087	0.012	.006***	-.006**	5,106	0.143	-.051***	-.066***	24,359	0.110	-.037***	-.023***
Science and Mathematics	13,606	0.006	.002**	-.001	648	0.152	-.06***	-.032**	1,134	0.206	-.052***	-.07***
Agriculture, Horticulture and Animal Care	3,079	0.004	.01***	.005**	351	0.061	-.009	-.032**	517	0.140	-.027***	-.018
Engineering and Manufacturing Technologies	375	0.010	-.005	.008	66	0.094	-.051*	-.114	195	0.100	-.035***	-.118**
Construction, Planning and Built Environment	149	0.004	.007	-.002	114	0.033		-.224	223	0.130	-.028*	.028
Information and Communication Technology	2,241	0.009	.01***	.001	231	0.198	-.049**	-.107**	404	0.231	-.058***	-.05**
Retail and Commercial Enterprise	10,391	0.017	.007***	.005	1,867	0.217	-.055***	-.031**	4,086	0.267	-.066***	-.036***
Leisure, Travel and Tourism	8,278	0.006	.006***	.002	237	0.172	-.041**	-.019	122	0.273	-.053*	-.027
Arts, Media and Publishing	25,095	0.007	.006***	.001	1,242	0.166	-.03***	-.084***	1,415	0.279	-.017**	-.056***
History, Philosophy and Theology	3,745	0.007	.001	.0	468	0.210	-.044***	-.061***	840	0.258	-.08***	-.089***
Social Sciences	4,827	0.007	.001	.0	301	0.254	-.084***	-.106***	571	0.345	-.086***	-.077***
Languages, Literature and Culture	8,470	0.005	.001	.0	99	0.159	-.008	.005	270	0.177	-.058***	-.003
Education and Training	151	0.081	-.017	-.058**	553	0.162	-.054***	-.088***	5,679	0.084	-.035***	-.033***
Preparation for Life and Work	916	0.109	-.047***	-.054***	2,776	0.216	-.077***	-.083***	6,829	0.227	-.069***	-.092***
Business, Administration and Law	7,942	0.015	.004***	-.002	2,155	0.097	-.035***	-.027***	8,074	0.060	-.017***	-.007**

Source: Frontier analysis of ILR-HMRC/DWP data.



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