

**UKForCE Analysis of the requirement for digital skills**

Standard Occupational Classification (SOC 2010):	Total in employment (000's)	Digital Skills Required							
		Percentage				Number (000s)			
		Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3	Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3
<b>Total <sup>2</sup></b>	<b>29,721</b>								
<b>1 MANAGERS, DIRECTORS AND SENIOR OFFICIALS</b>	<b>3,113</b>								
<i>111 Chief Executives and Senior Officials</i>	<i>80</i>								
1115 Chief executives and senior officials	71	0%	10%	80%	10%	0	7	57	7
1116 Elected officers and representatives	9	0%	10%	80%	10%	0	1	8	1
<i>112 Production Managers and Directors</i>	<i>475</i>								
1121 Production managers and directors in manufacturing	289	0%	0%	100%	0%	0	0	289	0
1122 Production managers and directors in construction	164	0%	0%	100%	0%	0	0	164	0
1123 Production managers and directors in mining and energy	22	0%	0%	100%	0%	0	0	22	0
<i>113 Functional Managers and Directors</i>	<i>791</i>								
1131 Financial managers and directors	247	0%	0%	50%	50%	0	0	123	123
1132 Marketing and sales directors	170	0%	0%	70%	30%	0	0	119	51
1133 Purchasing managers and directors	49	0%	0%	100%	0%	0	0	49	0
1134 Advertising and public relations directors	18	0%	50%	50%	0%	0	9	9	0
1135 Human resource managers and directors	138	0%	50%	50%	0%	0	69	69	0
1136 Information technology and telecommunications directors	62	0%	0%	50%	50%	0	0	31	31
1139 Functional managers and directors n.e.c. <sup>4</sup>	108	0%	30%	40%	30%	0	32	43	32
<i>115 Financial Institution Managers and Directors</i>	<i>97</i>								
1150 Financial institution managers and directors	97	0%	0%	50%	50%	0	0	48	48
<i>116 Managers and Directors in Transport and Logistics</i>	<i>178</i>								
1161 Managers and directors in transport and distribution	75	0%	70%	30%	0%	0	53	23	0
1162 Managers and directors in storage and warehousing	102	0%	50%	50%	0%	0	51	51	0
<i>117 Senior Officers in Protective Services</i>	<i>50</i>								
1171 Officers in armed forces	21	0%	30%	50%	20%	0	6	11	4

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Standard Occupational Classification (SOC 2010):									
1172 Senior police officers	14	0%	30%	50%	20%	0	4	7	3
1173 Senior officers in fire, ambulance, prison and related services	14	0%	50%	50%	0%	0	7	7	0
<i>118 Health and Social Services Managers and Directors</i>	92								
1181 Health services and public health managers and directors	50	0%	50%	50%	0%	0	25	25	0
1184 Social services managers and directors	42	0%	50%	50%	0%	0	21	21	0
<i>119 Managers and Directors in Retail and Wholesale</i>	377								
1190 Managers and directors in retail and wholesale	377	0%	40%	50%	10%	0	151	188	38
<i>121 Managers and Proprietors in Agriculture Related Services</i>	30								
1211 Managers and proprietors in agriculture and horticulture	18	0%	60%	40%	0%	0	11	7	0
1213 Managers and proprietors in forestry, fishing and related services	13	0%	60%	40%	0%	0	8	5	0
<i>122 Managers and Proprietors in Hospitality and Leisure Services</i>	263								
1221 Hotel and accommodation managers and proprietors	47	0%	50%	40%	10%	0	23	19	5
1223 Restaurant and catering establishment managers and proprietors	110	0%	50%	40%	10%	0	55	44	11
1224 Publicans and managers of licensed premises	39	0%	50%	40%	10%	0	19	16	4
1225 Leisure and sports managers	53	0%	50%	40%	10%	0	26	21	5
1226 Travel agency managers and proprietors	14	0%	50%	40%	10%	0	7	6	1
<i>124 Managers and Proprietors in Health and Care Services</i>	81								
1241 Health care practice managers	22	0%	30%	70%	0%	0	6	15	0
1242 Residential, day and domiciliary care managers and proprietors	60	0%	30%	70%	0%	0	18	42	0
<i>125 Managers and Proprietors in Other Services</i>	600								
1251 Property, housing and estate managers	166	0%	30%	70%	0%	0	50	116	0
1252 Garage managers and proprietors	29	0%	30%	70%	0%	0	9	20	0
1253 Hairdressing and beauty salon managers and proprietors	24	0%	30%	70%	0%	0	7	17	0
1254 Shopkeepers and proprietors – wholesale and retail	157	0%	30%	70%	0%	0	47	110	0
1255 Waste disposal and environmental services managers	15	0%	30%	70%	0%	0	5	11	0
1259 Managers and proprietors in other services n.e.c. <sup>4</sup>	209	0%	30%	70%	0%	0	63	147	0

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<b>2 PROFESSIONAL OCCUPATIONS</b>	<b>5,860</b>								
<i>211 Natural and Social Science Professionals</i>	<i>178</i>								
2111 Chemical scientists	25	0%	0%	50%	50%	0	0	13	13
2112 Biological scientists and biochemists	73	0%	0%	50%	50%	0	0	37	37
2113 Physical scientists	24	0%	0%	50%	50%	0	0	12	12
2114 Social and humanities scientists	16	0%	0%	70%	30%	0	0	11	5
2119 Natural and social science professionals n.e.c. <sup>4</sup>	40	0%	0%	60%	40%	0	0	24	16
<i>212 Engineering Professionals</i>	<i>425</i>								
2121 Civil engineers	71	0%	0%	30%	70%	0	0	21	50
2122 Mechanical engineers	89	0%	0%	30%	70%	0	0	27	62
2123 Electrical engineers	43	0%	0%	0%	100%	0	0	0	43
2124 Electronics engineers	36	0%	0%	0%	100%	0	0	0	36
2126 Design and development engineers	57	0%	0%	20%	80%	0	0	11	46
2127 Production and process engineers	49	0%	0%	20%	80%	0	0	10	39
2129 Engineering professionals n.e.c. <sup>4</sup>	80	0%	0%	20%	80%	0	0	16	64
<i>213 Information Technology and Telecommunications Professionals</i>	<i>839</i>								
2133 IT specialist managers	172	0%	0%	0%	100%	0	0	0	172
2134 IT project and programme managers	73	0%	0%	0%	100%	0	0	0	73
2135 IT business analysts, architects and systems designers	108	0%	0%	0%	100%	0	0	0	108
2136 Programmers and software development professionals	253	0%	0%	0%	100%	0	0	0	253
2137 Web design and development professionals	63	0%	0%	0%	100%	0	0	0	63
2139 Information technology and telecommunications professionals n.e.c. <sup>4</sup>	170	0%	0%	0%	100%	0	0	0	170
<i>214 Conservation and Environment Professionals</i>	<i>43</i>								
2141 Conservation professionals	12	0%	80%	20%	0%	0	10	2	0
2142 Environment professionals	31	0%	70%	30%	0%	0	22	9	0
<i>215 Research and Development Managers</i>	<i>38</i>								
2150 Research and development managers	38	0%	0%	60%	40%	0	0	23	15

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<b>Standard Occupational Classification (SOC 2010):</b>									
<b>221 Health Professionals</b>	<b>489</b>								
2211 Medical practitioners	241	0%	0%	70%	30%	0	0	169	72
2212 Psychologists	38	0%	0%	70%	30%	0	0	27	11
2213 Pharmacists	45	0%	0%	70%	30%	0	0	32	14
2214 Ophthalmic opticians	20	0%	0%	70%	30%	0	0	14	6
2215 Dental practitioners	43	0%	0%	70%	30%	0	0	30	13
2216 Veterinarians	19	0%	0%	70%	30%	0	0	13	6
2217 Medical radiographers	24	0%	0%	70%	30%	0	0	17	7
2218 Podiatrists	15	0%	0%	70%	30%	0	0	10	4
2219 Health professionals n.e.c. <sup>4</sup>	43	0%	0%	70%	30%	0	0	30	13
<b>222 Therapy Professionals</b>	<b>149</b>								
2221 Physiotherapists	52	0%	40%	50%	10%	0	21	26	5
2222 Occupational therapists	39	0%	30%	60%	10%	0	12	23	4
2223 Speech and language therapists	20	0%	30%	60%	10%	0	6	12	2
2229 Therapy professionals n.e.c. <sup>4</sup>	38	0%	40%	50%	10%	0	15	19	4
<b>223 Nursing and Midwifery Professionals</b>	<b>640</b>								
2231 Nurses	593	0%	40%	50%	10%	0	237	297	59
2232 Midwives	46	0%	40%	50%	10%	0	19	23	5
<b>231 Teaching and Educational Professionals</b>	<b>1,477</b>								
2311 Higher education teaching professionals	150	0%	0%	70%	30%	0	0	105	45
2312 Further education teaching professionals	122	0%	0%	70%	30%	0	0	85	37
2314 Secondary education teaching professionals	392	0%	0%	70%	30%	0	0	275	118
2315 Primary and nursery education teaching professionals	416	0%	0%	80%	20%	0	0	332	83
2316 Special needs education teaching professionals	66	0%	0%	70%	30%	0	0	46	20
2317 Senior professionals of educational establishments	108	0%	0%	80%	20%	0	0	87	22
2318 Education advisers and school inspectors	34	0%	0%	80%	20%	0	0	27	7
2319 Teaching and other educational professionals n.e.c. <sup>4</sup>	189	0%	0%	80%	20%	0	0	151	38
<b>241 Legal Professionals</b>	<b>209</b>								
2412 Barristers and judges	25	0%	0%	90%	10%	0	0	22	2

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2413 Solicitors	119	0%	0%	90%	10%	0	0	107	12
2419 Legal professionals n.e.c. <sup>4</sup>	65	0%	0%	90%	10%	0	0	58	6
<i>242 Business, Research and Administrative Professionals</i>	<i>644</i>								
2421 Chartered and certified accountants	180	0%	0%	70%	30%	0	0	126	54
2423 Management consultants and business analysts	167	0%	0%	60%	40%	0	0	100	67
2424 Business and financial project management professionals	180	0%	0%	60%	40%	0	0	108	72
2425 Actuaries, economists and statisticians	35	0%	0%	50%	50%	0	0	18	18
2426 Business and related research professionals	37	0%	0%	60%	40%	0	0	22	15
2429 Business, research and administrative professionals n.e.c. <sup>4</sup>	44	0%	0%	60%	40%	0	0	26	18
<i>243 Architects, Town Planners and Surveyors</i>	<i>261</i>								
2431 Architects	58	0%	0%	80%	20%	0	0	47	12
2432 Town planning officers	19	0%	0%	20%	80%	0	0	4	15
2433 Quantity surveyors	39	0%	0%	20%	80%	0	0	8	31
2434 Chartered surveyors	64	0%	0%	20%	80%	0	0	13	51
2435 Chartered architectural technologists	*					0	0	0	0
2436 Construction project managers and related professionals	77		30%	60%	10%	0	23	46	8
<i>244 Welfare Professionals</i>	<i>175</i>								
2442 Social workers	104	0%	30%	70%	0%	0	31	73	0
2443 Probation officers	8	0%	30%	70%	0%	0	3	6	0
2444 Clergy	43	0%	50%	50%	0%	0	21	21	0
2449 Welfare professionals n.e.c. <sup>4</sup>	20	0%	40%	60%	0%	0	8	12	0
<i>245 Librarians and Related Professionals</i>	<i>43</i>								
2451 Librarians	31	0%	0%	80%	20%	0	0	25	6
2452 Archivists and curators	12	0%	0%	80%	20%	0	0	10	2
<i>246 Quality and Regulatory Professionals</i>	<i>113</i>								
2461 Quality control and planning engineers	30	0%	0%	60%	40%	0	0	18	12
2462 Quality assurance and regulatory professionals	70	0%	0%	90%	10%	0	0	63	7
2463 Environmental health professionals	13	0%	0%	90%	10%	0	0	12	1





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3511 Air traffic controllers	8	0%	0%	100%	0%	0	0	8	0
3512 Aircraft pilots and flight engineers	16	0%	0%	100%	0%	0	0	16	0
3513 Ship and hovercraft officers	19	0%	0%	100%	0%	0	0	19	0
<i>352 Legal Associate Professionals</i>	76								0
3520 Legal associate professionals	76	0%	0%	100%	0%	0	0	76	0
<i>353 Business, Finance and Related Associate Professionals</i>	639								0
3531 Estimators, valuers and assessors	70	0%	0%	100%	0%	0	0	70	0
3532 Brokers	37	0%	0%	100%	0%	0	0	37	0
3533 Insurance underwriters	28	0%	0%	100%	0%	0	0	28	0
3534 Finance and investment analysts and advisers	179	0%	0%	80%	20%	0	0	143	36
3535 Taxation experts	34	0%	0%	80%	20%	0	0	28	7
3536 Importers and exporters	11	0%	0%	100%	0%	0	0	11	0
3537 Financial and accounting technicians	24	0%	0%	100%	0%	0	0	24	0
3538 Financial accounts managers	121	0%	0%	100%	0%	0	0	121	0
3539 Business and related associate professionals n.e.c. <sup>4</sup>	134	0%	0%	100%	0%	0	0	134	0
<i>354 Sales, Marketing and Related Associate Professionals</i>	897								0
3541 Buyers and procurement officers	66	0%	0%	100%	0%	0	0	66	0
3542 Business sales executives	150	0%	0%	100%	0%	0	0	150	0
3543 Marketing associate professionals	168	0%	0%	100%	0%	0	0	168	0
3544 Estate agents and auctioneers	50	0%	0%	100%	0%	0	0	50	0
3545 Sales accounts and business development managers	399	0%	0%	100%	0%	0	0	399	0
3546 Conference and exhibition managers and organisers	64	0%	0%	100%	0%	0	0	64	0
<i>355 Conservation and Environmental associate professionals</i>	8								0
3550 Conservation and environmental associate professionals	8	0%	70%	30%	0%	0	5	2	0
<i>356 Public Services and Other Associate Professionals</i>	481								0
3561 Public services associate professionals	85	0%	100%	0%	0%	0	85	0	0
3562 Human resources and industrial relations officers	130	0%	0%	100%	0%	0	0	130	0
3563 Vocational and industrial trainers and instructors	146	0%	0%	80%	20%	0	0	117	29
3564 Careers advisers and vocational guidance specialists	26	0%	0%	70%	30%	0	0	18	8





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									0
4211 Medical secretaries	82	0%	0%	100%	0%	0	0	82	0
4212 Legal secretaries	47	0%	0%	100%	0%	0	0	47	0
4213 School secretaries	63	0%	20%	80%	0%	0	13	50	0
4214 Company secretaries	50	0%	0%	100%	0%	0	0	50	0
4215 Personal assistants and other secretaries	228	0%	0%	100%	0%	0	0	228	0
4216 Receptionists	239	0%	40%	60%	0%	0	96	144	0
4217 Typists and related keyboard occupations	35	0%	0%	100%	0%	0	0	35	0
									0
<b>5 SKILLED TRADES OCCUPATIONS</b>	<b>3,137</b>								0
									0
<i>511 Agricultural and Related Trades</i>	<i>334</i>								0
									0
5111 Farmers	125	0%	50%	50%	0%	0	63	63	0
5112 Horticultural trades	17	0%	50%	50%	0%	0	9	9	0
5113 Gardeners and landscape gardeners	146	0%	50%	50%	0%	0	73	73	0
5114 Groundsmen and greenkeepers	25	0%	100%	0%	0%	0	25	0	0
5119 Agricultural and fishing trades n.e.c. <sup>4</sup>	22	0%	80%	20%	0%	0	17	4	0
									0
<i>521 Metal Forming, Welding and Related Trades</i>	<i>107</i>								0
									0
5211 Smiths and forge workers	*					0	0	0	0
5212 Moulders, core makers and die casters	*					0	0	0	0
5213 Sheet metal workers	19	0%	100%	0%	0%	0	19	0	0
5214 Metal plate workers, and riveters	11	0%	100%	0%	0%	0	11	0	0
5215 Welding trades	62	0%	100%	0%	0%	0	62	0	0
5216 Pipe fitters	7	0%	100%	0%	0%	0	7	0	0
									0
<i>522 Metal Machining, Fitting and Instrument Making Trades</i>	<i>278</i>								0
									0
5221 Metal machining setters and setter-operators	48	0%	0%	100%	0%	0	0	48	0
5222 Tool makers, tool fitters and markers-out	17	0%	0%	100%	0%	0	0	17	0
5223 Metal working production and maintenance fitters	177	0%	50%	50%	0%	0	89	89	0
5224 Precision instrument makers and repairers	20	0%	20%	70%	10%	0	4	14	2
5225 Air-conditioning and refrigeration engineers	16	0%	60%	40%	0%	0	10	6	0
									0
<i>523 Vehicle Trades</i>	<i>279</i>								0
									0
5231 Vehicle technicians, mechanics and electricians	198	0%	0%	100%	0%	0	0	198	0



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<i>541 Textiles and Garments Trades</i>	43								0
									0
5411 Weavers and knitters	*					0	0	0	0
5412 Upholsterers	14	50%	50%	0%	0%	7	7	0	0
5413 Footwear and leather working trades	10	50%	50%	0%	0%	5	5	0	0
5414 Tailors and dressmakers	9	30%	40%	30%	0%	3	3	3	0
5419 Textiles, garments and related trades n.e.c. <sup>4</sup>	8	30%	40%	30%	0%	2	3	2	0
									0
<i>542 Printing Trades</i>	55								0
									0
5421 Pre-press technicians	*					0	0	0	0
5422 Printers	37	0%	0%	100%	0%	0	0	37	0
5423 Print finishing and binding workers	17	0%	100%	0%	0%	0	17	0	0
									0
<i>543 Food Preparation and Hospitality Trades</i>	450								0
									0
5431 Butchers	39	50%	50%	0%	0%	19	19	0	0
5432 Bakers and flour confectioners	28	50%	50%	0%	0%	14	14	0	0
5433 Fishmongers and poultry dressers	7	50%	50%	0%	0%	3	3	0	0
5434 Chefs	204	30%	40%	30%	0%	61	81	61	0
5435 Cooks	98	50%	50%	0%	0%	49	49	0	0
5436 Catering and bar managers	75	50%	50%	0%	0%	37	37	0	0
						0	0	0	0
<i>544 Other Skilled Trades</i>	96					0	0	0	0
						0	0	0	0
5441 Glass and ceramics makers, decorators and finishers	12	50%	50%	0%	0%	6	6	0	0
5442 Furniture makers and other craft woodworkers	37	50%	50%	0%	0%	19	19	0	0
5443 Florists	11	50%	50%	0%	0%	5	5	0	0
5449 Other skilled trades n.e.c. <sup>4</sup>	37	50%	50%	0%	0%	18	18	0	0
									0
<b>6 CARING, LEISURE AND OTHER SERVICE OCCUPATIONS</b>	<b>2,698</b>								0
									0
<i>612 Childcare and Related Personal Services</i>	807								0
									0
6121 Nursery nurses and assistants	182	0%	100%	0%	0%	0	182	0	0
6122 Childminders and related occupations	124	0%	100%	0%	0%	0	124	0	0
6123 Playworkers	32	0%	100%	0%	0%	0	32	0	0
6125 Teaching assistants	330	0%	50%	50%	0%	0	165	165	0





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<b>811 Process Operatives</b>	<b>276</b>								0
									0
8111 Food, drink and tobacco process operatives	122	0%	100%	0%	0%	0	122	0	0
8112 Glass and ceramics process operatives	6	0%	100%	0%	0%	0	6	0	0
8113 Textile process operatives	10	0%	100%	0%	0%	0	10	0	0
8114 Chemical and related process operatives	57	0%	100%	0%	0%	0	57	0	0
8115 Rubber process operatives	5	0%	100%	0%	0%	0	5	0	0
8116 Plastics process operatives	32	0%	100%	0%	0%	0	32	0	0
8117 Metal making and treating process operatives	15	0%	100%	0%	0%	0	15	0	0
8118 Electroplaters	7	0%	100%	0%	0%	0	7	0	0
8119 Process operatives n.e.c. <sup>4</sup>	23	0%	100%	0%	0%	0	23	0	0
									0
<b>812 Plant and Machine Operatives</b>	<b>163</b>								0
									0
8121 Paper and wood machine operatives	27	0%	100%	0%	0%	0	27	0	0
8122 Coal mine operatives	*					0	0	0	0
8123 Quarry workers and related operatives	15	50%	50%	0%	0%	8	8	0	0
8124 Energy plant operatives	5	50%	50%	0%	0%	2	2	0	0
8125 Metal working machine operatives	55	0%	100%	0%	0%	0	55	0	0
8126 Water and sewerage plant operatives	7	0%	100%	0%	0%	0	7	0	0
8127 Printing machine assistants	19	0%	100%	0%	0%	0	19	0	0
8129 Plant and machine operatives n.e.c. <sup>4</sup>	31	0%	100%	0%	0%	0	31	0	0
									0
<b>813 Assemblers and Routine Operatives</b>	<b>232</b>								0
									0
8131 Assemblers (electrical and electronic products)	26	0%	0%	100%	0%	0	0	26	0
8132 Assemblers (vehicles and metal goods)	43	0%	100%	0%	0%	0	43	0	0
8133 Routine inspectors and testers	73	0%	0%	100%	0%	0	0	73	0
8134 Weighers, graders and sorters	14	0%	100%	0%	0%	0	14	0	0
8135 Tyre, exhaust and windscreen fitters	15	0%	100%	0%	0%	0	15	0	0
8137 Sewing machinists	28	50%	50%	0%	0%	14	14	0	0
8139 Assemblers and routine operatives n.e.c. <sup>4</sup>	33	30%	70%	0%	0%	10	23	0	0
									0
<b>814 Construction Operatives</b>	<b>146</b>								0
									0
8141 Scaffolders, staggers and riggers	28	50%	50%	0%	0%	14	14	0	0
8142 Road construction operatives	25	50%	50%	0%	0%	12	12	0	0
8143 Rail construction and maintenance operatives	11	50%	50%	0%	0%	6	6	0	0







**UKForCE Analysis of the requirement for digital skills**

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		Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3	Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3
9271 Hospital porters	11	0%	100%	0%	0%	0	11	0	0
9272 Kitchen and catering assistants	436	50%	50%	0%	0%	218	218	0	0
9273 Waiters and waitresses	216	0%	100%	0%	0%	0	216	0	0
9274 Bar staff	183	0%	100%	0%	0%	0	183	0	0
9275 Leisure and theme park attendants	28	0%	100%	0%	0%	0	28	0	0
9279 Other elementary services occupations n.e.c. <sup>4</sup>	34	0%	100%	0%	0%	0	34	0	0
						2,184	10,830	13,634	2,869

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<b>Total <sup>2</sup></b>	<b>30,537</b>								
<b>1 MANAGERS, DIRECTORS AND SENIOR OFFICIALS</b>	<b>3,039</b>								
<i>111 Chief Executives and Senior Officials</i>	<i>75</i>								
1115 Chief executives and senior officials	70	0%	10%	80%	10%	0	7	56	7
1116 Elected officers and representatives	5	0%	10%	80%	10%	0	1	4	1
<i>112 Production Managers and Directors</i>	<i>459</i>								
1121 Production managers and directors in manufacturing	273	0%	0%	100%	0%	0	0	273	0
1122 Production managers and directors in construction	173	0%	0%	100%	0%	0	0	173	0
1123 Production managers and directors in mining and energy	12	0%	0%	100%	0%	0	0	12	0
<i>113 Functional Managers and Directors</i>	<i>765</i>								
1131 Financial managers and directors	206	0%	0%	50%	50%	0	0	103	103
1132 Marketing and sales directors	163	0%	0%	70%	30%	0	0	114	49
1133 Purchasing managers and directors	59	0%	0%	100%	0%	0	0	59	0
1134 Advertising and public relations directors	22	0%	50%	50%	0%	0	11	11	0
1135 Human resource managers and directors	124	0%	50%	50%	0%	0	62	62	0
1136 Information technology and telecommunications directors	78	0%	0%	50%	50%	0	0	39	39
1139 Functional managers and directors n.e.c. <sup>4</sup>	113	0%	30%	40%	30%	0	34	45	34
<i>115 Financial Institution Managers and Directors</i>	<i>79</i>								
1150 Financial institution managers and directors	79	0%	0%	50%	50%	0	0	40	40
<i>116 Managers and Directors in Transport and Logistics</i>	<i>155</i>								
1161 Managers and directors in transport and distribution	70	0%	70%	30%	0%	0	49	21	0
1162 Managers and directors in storage and warehousing	85	0%	50%	50%	0%	0	43	43	0
<i>117 Senior Officers in Protective Services</i>	<i>50</i>								
1171 Officers in armed forces	23	0%	30%	50%	20%	0	7	11	5
1172 Senior police officers	16	0%	30%	50%	20%	0	5	8	3
1173 Senior officers in fire, ambulance, prison and related services	11	0%	50%	50%	0%	0	6	6	0
<i>118 Health and Social Services Managers and Directors</i>	<i>104</i>								

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1181 Health services and public health managers and directors	52	0%	50%	50%	0%	0	26	26	0
1184 Social services managers and directors	52	0%	50%	50%	0%	0	26	26	0
<i>119 Managers and Directors in Retail and Wholesale</i>	<i>333</i>								
1190 Managers and directors in retail and wholesale	333	0%	40%	50%	10%	0	133	167	33
<i>121 Managers and Proprietors in Agriculture Related Services</i>	<i>40</i>								
1211 Managers and proprietors in agriculture and horticulture	32	0%	60%	40%	0%	0	19	13	0
1213 Managers and proprietors in forestry, fishing and related services	8	0%	60%	40%	0%	0	5	3	0
<i>122 Managers and Proprietors in Hospitality and Leisure Services</i>	<i>289</i>								
1221 Hotel and accommodation managers and proprietors	57	0%	50%	40%	10%	0	28	23	6
1223 Restaurant and catering establishment managers and proprietors	125	0%	50%	40%	10%	0	63	50	13
1224 Publicans and managers of licensed premises	46	0%	50%	40%	10%	0	23	18	5
1225 Leisure and sports managers	51	0%	50%	40%	10%	0	25	20	5
1226 Travel agency managers and proprietors	10	0%	50%	40%	10%	0	5	4	1
<i>124 Managers and Proprietors in Health and Care Services</i>	<i>77</i>								
1241 Health care practice managers	19	0%	30%	70%	0%	0	6	13	0
1242 Residential, day and domiciliary care managers and proprietors	57	0%	30%	70%	0%	0	17	40	0
<i>125 Managers and Proprietors in Other Services</i>	<i>613</i>								
1251 Property, housing and estate managers	182	0%	30%	70%	0%	0	55	128	0
1252 Garage managers and proprietors	34	0%	30%	70%	0%	0	10	24	0
1253 Hairdressing and beauty salon managers and proprietors	35	0%	30%	70%	0%	0	11	25	0
1254 Shopkeepers and proprietors – wholesale and retail	141	0%	30%	70%	0%	0	42	99	0
1255 Waste disposal and environmental services managers	13	0%	30%	70%	0%	0	4	9	0
1259 Managers and proprietors in other services n.e.c. <sup>4</sup>	206	0%	30%	70%	0%	0	62	144	0
<b>2 PROFESSIONAL OCCUPATIONS</b>	<b>6,049</b>								
<i>211 Natural and Social Science Professionals</i>	<i>207</i>								
2111 Chemical scientists	29	0%	0%	50%	50%	0	0	15	15
2112 Biological scientists and biochemists	101	0%	0%	50%	50%	0	0	51	51
2113 Physical scientists	26	0%	0%	50%	50%	0	0	13	13

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2114 Social and humanities scientists	10	0%	0%	70%	30%	0	0	7	3
2119 Natural and social science professionals n.e.c. <sup>4</sup>	40	0%	0%	60%	40%	0	0	24	16
<b>212 Engineering Professionals</b>	<b>459</b>								
2121 Civil engineers	86	0%	0%	30%	70%	0	0	26	60
2122 Mechanical engineers	75	0%	0%	30%	70%	0	0	23	53
2123 Electrical engineers	43	0%	0%	0%	100%	0	0	0	43
2124 Electronics engineers	28	0%	0%	0%	100%	0	0	0	28
2126 Design and development engineers	67	0%	0%	20%	80%	0	0	13	54
2127 Production and process engineers	66	0%	0%	20%	80%	0	0	13	53
2129 Engineering professionals n.e.c. <sup>4</sup>	94	0%	0%	20%	80%	0	0	19	75
<b>213 Information Technology and Telecommunications Professionals</b>	<b>847</b>								
2133 IT specialist managers	182	0%	0%	0%	100%	0	0	0	182
2134 IT project and programme managers	68	0%	0%	0%	100%	0	0	0	68
2135 IT business analysts, architects and systems designers	102	0%	0%	0%	100%	0	0	0	102
2136 Programmers and software development professionals	274	0%	0%	0%	100%	0	0	0	274
2137 Web design and development professionals	70	0%	0%	0%	100%	0	0	0	70
2139 Information technology and telecommunications professionals n.e.c. <sup>4</sup>	151	0%	0%	0%	100%	0	0	0	151
<b>214 Conservation and Environment Professionals</b>	<b>45</b>								
2141 Conservation professionals	13	0%	80%	20%	0%	0	10	3	0
2142 Environment professionals	32	0%	70%	30%	0%	0	22	10	0
<b>215 Research and Development Managers</b>	<b>35</b>								
2150 Research and development managers	35	0%	0%	60%	40%	0	0	21	14
<b>221 Health Professionals</b>	<b>527</b>								
2211 Medical practitioners	247	0%	0%	70%	30%	0	0	173	74
2212 Psychologists	39	0%	0%	70%	30%	0	0	27	12
2213 Pharmacists	60	0%	0%	70%	30%	0	0	42	18
2214 Ophthalmic opticians	22	0%	0%	70%	30%	0	0	15	7
2215 Dental practitioners	51	0%	0%	70%	30%	0	0	36	15
2216 Veterinarians	20	0%	0%	70%	30%	0	0	14	6
2217 Medical radiographers	23	0%	0%	70%	30%	0	0	16	7
2218 Podiatrists	16	0%	0%	70%	30%	0	0	11	5
2219 Health professionals n.e.c. <sup>4</sup>	48	0%	0%	70%	30%	0	0	33	14

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<i>222 Therapy Professionals</i>	148								
2221 Physiotherapists	52	0%	40%	50%	10%	0	21	26	5
2222 Occupational therapists	42	0%	30%	60%	10%	0	13	25	4
2223 Speech and language therapists	11	0%	30%	60%	10%	0	3	7	1
2229 Therapy professionals n.e.c. <sup>4</sup>	43	0%	40%	50%	10%	0	17	21	4
<i>223 Nursing and Midwifery Professionals</i>	631								
2231 Nurses	590	0%	40%	50%	10%	0	236	295	59
2232 Midwives	41	0%	40%	50%	10%	0	16	20	4
<i>231 Teaching and Educational Professionals</i>	1,534								
2311 Higher education teaching professionals	155	0%	0%	70%	30%	0	0	108	46
2312 Further education teaching professionals	107	0%	0%	70%	30%	0	0	75	32
2314 Secondary education teaching professionals	411	0%	0%	70%	30%	0	0	288	123
2315 Primary and nursery education teaching professionals	431	0%	0%	80%	20%	0	0	345	86
2316 Special needs education teaching professionals	79	0%	0%	70%	30%	0	0	55	24
2317 Senior professionals of educational establishments	100	0%	0%	80%	20%	0	0	80	20
2318 Education advisers and school inspectors	35	0%	0%	80%	20%	0	0	28	7
2319 Teaching and other educational professionals n.e.c. <sup>4</sup>	217	0%	0%	80%	20%	0	0	174	43
<i>241 Legal Professionals</i>	192								
2412 Barristers and judges	31	0%	0%	90%	10%	0	0	28	3
2413 Solicitors	111	0%	0%	90%	10%	0	0	100	11
2419 Legal professionals n.e.c. <sup>4</sup>	50	0%	0%	90%	10%	0	0	45	5
<i>242 Business, Research and Administrative Professionals</i>	717								
2421 Chartered and certified accountants	203	0%	0%	70%	30%	0	0	142	61
2423 Management consultants and business analysts	188	0%	0%	60%	40%	0	0	113	75
2424 Business and financial project management professionals	206	0%	0%	60%	40%	0	0	124	82
2425 Actuaries, economists and statisticians	34	0%	0%	50%	50%	0	0	17	17
2426 Business and related research professionals	40	0%	0%	60%	40%	0	0	24	16
2429 Business, research and administrative professionals n.e.c. <sup>4</sup>	46	0%	0%	60%	40%	0	0	27	18
<i>243 Architects, Town Planners and Surveyors</i>	229								
2431 Architects	52	0%	0%	80%	20%	0	0	42	10



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<i>312 Draughtspersons and Related Architectural Technicians</i>	58								
									0
3121 Architectural and town planning technicians	20	0%	30%	70%	0%	0	6	14	0
3122 Draughtspersons	39	0%	0%	100%	0%	0	0	39	0
									0
<i>313 Information Technology Technicians</i>	186								0
									0
3131 IT operations technicians	100	0%	0%	100%	0%	0	0	100	0
3132 IT user support technicians	87	0%	0%	100%	0%	0	0	87	0
									0
<i>321 Health Associate Professionals</i>	152								0
									0
3213 Paramedics	22	0%	0%	100%	0%	0	0	22	0
3216 Dispensing opticians	6	0%	0%	100%	0%	0	0	6	0
3217 Pharmaceutical technicians	25	0%	0%	100%	0%	0	0	25	0
3218 Medical and dental technicians	46	0%	0%	100%	0%	0	0	46	0
3219 Health associate professionals n.e.c. <sup>4</sup>	52	0%	0%	100%	0%	0	0	52	0
									0
<i>323 Welfare and Housing Associate Professionals</i>	290								0
									0
3231 Youth and community workers	79	0%	100%	0%	0%	0	79	0	0
3233 Child and early years officers	28	0%	100%	0%	0%	0	28	0	0
3234 Housing officers	44	0%	100%	0%	0%	0	44	0	0
3235 Counsellors	27	0%	100%	0%	0%	0	27	0	0
3239 Welfare and housing associate professionals n.e.c. <sup>4</sup>	112	0%	100%	0%	0%	0	112	0	0
									0
<i>331 Protective Service Occupations</i>	347								0
									0
3311 NCOs and other ranks	44	0%	40%	40%	20%	0	18	18	9
3312 Police officers (sergeant and below)	166	0%	50%	50%	0%	0	83	83	0
3313 Fire service officers (watch manager and below)	39	0%	70%	30%	0%	0	28	12	0
3314 Prison service officers (below principal officer)	38	0%	80%	20%	0%	0	31	8	0
3315 Police community support officers	14	0%	80%	20%	0%	0	11	3	0
3319 Protective service associate professionals n.e.c. <sup>4</sup>	46	0%	80%	20%	0%	0	37	9	0
									0
<i>341 Artistic, Literary and Media Occupations</i>	382								0
									0
3411 Artists	47	0%	50%	50%	0%	0	24	24	0
3412 Authors, writers and translators	88	0%	0%	100%	0%	0	0	88	0
3413 Actors, entertainers and presenters	47	0%	50%	50%	0%	0	23	23	0
3414 Dancers and choreographers	13	0%	50%	50%	0%	0	7	7	0
3415 Musicians	41	0%	50%	50%	0%	0	20	20	0



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3416 Arts officers, producers and directors	62	0%	50%	50%	0%	0	31	31	0
3417 Photographers, audio-visual and broadcasting equipment operators	84	0%	0%	100%	0%	0	0	84	0
<i>342 Design Occupations</i>	<i>140</i>								<i>0</i>
3421 Graphic designers	83	0%	0%	50%	50%	0	0	41	41
3422 Product, clothing and related designers	57	0%	0%	70%	30%	0	0	40	17
<i>344 Sports and Fitness Occupations</i>	<i>159</i>								<i>0</i>
3441 Sports players	19	0%	100%	0%	0%	0	19	0	0
3442 Sports coaches, instructors and officials	90	0%	50%	50%	0%	0	45	45	0
3443 Fitness instructors	50	0%	70%	30%	0%	0	35	15	0
<i>351 Transport Associate Professionals</i>	<i>50</i>								<i>0</i>
3511 Air traffic controllers	8	0%	0%	100%	0%	0	0	8	0
3512 Aircraft pilots and flight engineers	24	0%	0%	100%	0%	0	0	24	0
3513 Ship and hovercraft officers	17	0%	0%	100%	0%	0	0	17	0
<i>352 Legal Associate Professionals</i>	<i>54</i>								<i>0</i>
3520 Legal associate professionals	54	0%	0%	100%	0%	0	0	54	0
<i>353 Business, Finance and Related Associate Professionals</i>	<i>686</i>								<i>0</i>
3531 Estimators, valuers and assessors	76	0%	0%	100%	0%	0	0	76	0
3532 Brokers	58	0%	0%	100%	0%	0	0	58	0
3533 Insurance underwriters	20	0%	0%	100%	0%	0	0	20	0
3534 Finance and investment analysts and advisers	183	0%	0%	80%	20%	0	0	147	37
3535 Taxation experts	34	0%	0%	80%	20%	0	0	28	7
3536 Importers and exporters	14	0%	0%	100%	0%	0	0	14	0
3537 Financial and accounting technicians	20	0%	0%	100%	0%	0	0	20	0
3538 Financial accounts managers	140	0%	0%	100%	0%	0	0	140	0
3539 Business and related associate professionals n.e.c. <sup>4</sup>	139	0%	0%	100%	0%	0	0	139	0
<i>354 Sales, Marketing and Related Associate Professionals</i>	<i>926</i>								<i>0</i>
3541 Buyers and procurement officers	68	0%	0%	100%	0%	0	0	68	0
3542 Business sales executives	139	0%	0%	100%	0%	0	0	139	0
3543 Marketing associate professionals	161	0%	0%	100%	0%	0	0	161	0
3544 Estate agents and auctioneers	55	0%	0%	100%	0%	0	0	55	0



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4151 Sales administrators	65	0%	0%	100%	0%	0	0	65	0
4159 Other administrative occupations n.e.c. <sup>4</sup>	618	0%	0%	100%	0%	0	0	618	0
<b>416 Administrative Occupations: Office Managers and Supervisors</b>	<b>192</b>								<b>0</b>
4161 Office managers	154	0%	30%	70%	0%	0	46	107	0
4162 Office supervisors	39	0%	30%	70%	0%	0	12	27	0
<b>421 Secretarial and Related Occupations</b>	<b>726</b>								<b>0</b>
4211 Medical secretaries	63	0%	0%	100%	0%	0	0	63	0
4212 Legal secretaries	44	0%	0%	100%	0%	0	0	44	0
4213 School secretaries	62	0%	20%	80%	0%	0	12	50	0
4214 Company secretaries	43	0%	0%	100%	0%	0	0	43	0
4215 Personal assistants and other secretaries	226	0%	0%	100%	0%	0	0	226	0
4216 Receptionists	235	0%	40%	60%	0%	0	94	141	0
4217 Typists and related keyboard occupations	53	0%	0%	100%	0%	0	0	53	0
<b>5 SKILLED TRADES OCCUPATIONS</b>	<b>3,342</b>								<b>0</b>
<b>511 Agricultural and Related Trades</b>	<b>388</b>								<b>0</b>
5111 Farmers	167	0%	50%	50%	0%	0	83	83	0
5112 Horticultural trades	15	0%	50%	50%	0%	0	7	7	0
5113 Gardeners and landscape gardeners	158	0%	50%	50%	0%	0	79	79	0
5114 Groundsmen and greenkeepers	26	0%	100%	0%	0%	0	26	0	0
5119 Agricultural and fishing trades n.e.c. <sup>4</sup>	23	0%	80%	20%	0%	0	18	5	0
<b>521 Metal Forming, Welding and Related Trades</b>	<b>129</b>								<b>0</b>
5211 Smiths and forge workers	6					0	0	0	0
5212 Moulders, core makers and die casters	*					0	0	0	0
5213 Sheet metal workers	13	0%	100%	0%	0%	0	13	0	0
5214 Metal plate workers, and riveters	11	0%	100%	0%	0%	0	11	0	0
5215 Welding trades	86	0%	100%	0%	0%	0	86	0	0
5216 Pipe fitters	9	0%	100%	0%	0%	0	9	0	0
<b>522 Metal Machining, Fitting and Instrument Making Trades</b>	<b>293</b>								<b>0</b>
5221 Metal machining setters and setter-operators	50	0%	0%	100%	0%	0	0	50	0
5222 Tool makers, tool fitters and markers-out	12	0%	0%	100%	0%	0	0	12	0



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5330 Construction and building trades supervisors	60	30%	40%	30%	0%	18	24	18	0
<i>541 Textiles and Garments Trades</i>	<i>55</i>								
5411 Weavers and knitters	5					0	0	0	0
5412 Upholsterers	16	50%	50%	0%	0%	8	8	0	0
5413 Footwear and leather working trades	8	50%	50%	0%	0%	4	4	0	0
5414 Tailors and dressmakers	18	30%	40%	30%	0%	5	7	5	0
5419 Textiles, garments and related trades n.e.c. <sup>4</sup>	9	30%	40%	30%	0%	3	3	3	0
<i>542 Printing Trades</i>	<i>58</i>								
5421 Pre-press technicians	11					0	0	0	0
5422 Printers	30	0%	0%	100%	0%	0	0	30	0
5423 Print finishing and binding workers	18	0%	100%	0%	0%	0	18	0	0
<i>543 Food Preparation and Hospitality Trades</i>	<i>465</i>								
5431 Butchers	25	50%	50%	0%	0%	13	13	0	0
5432 Bakers and flour confectioners	40	50%	50%	0%	0%	20	20	0	0
5433 Fishmongers and poultry dressers	11	50%	50%	0%	0%	6	6	0	0
5434 Chefs	229	30%	40%	30%	0%	69	92	69	0
5435 Cooks	101	50%	50%	0%	0%	51	51	0	0
5436 Catering and bar managers	59	50%	50%	0%	0%	30	30	0	0
<i>544 Other Skilled Trades</i>	<i>99</i>					0	0	0	0
5441 Glass and ceramics makers, decorators and finishers	11	50%	50%	0%	0%	6	6	0	0
5442 Furniture makers and other craft woodworkers	31	50%	50%	0%	0%	15	15	0	0
5443 Florists	9	50%	50%	0%	0%	5	5	0	0
5449 Other skilled trades n.e.c. <sup>4</sup>	48	50%	50%	0%	0%	24	24	0	0
<b>6 CARING, LEISURE AND OTHER SERVICE OCCUPATIONS</b>	<b>2,832</b>								
<i>612 Childcare and Related Personal Services</i>	<i>829</i>								
6121 Nursery nurses and assistants	174	0%	100%	0%	0%	0	174	0	0
6122 Childminders and related occupations	129	0%	100%	0%	0%	0	129	0	0
6123 Playworkers	34	0%	100%	0%	0%	0	34	0	0
6125 Teaching assistants	356	0%	50%	50%	0%	0	178	178	0
6126 Educational support assistants	136	0%	50%	50%	0%	0	68	68	0



**UKForCE Analysis of the requirement for digital skills**

Standard Occupational Classification (SOC 2010):	Total in employment (000's)	Digital Skills Required							
		Percentage				Number (000s)			
		Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3	Digital Muggle 0	Digital Citizen 1	Digital Worker 2	Digital Maker 3
<i>711 Sales Assistants and Retail Cashiers</i>	<b>1,461</b>								
7111 Sales and retail assistants	1,102	0%	60%	40%	0%	0	661	441	0
7112 Retail cashiers and check-out operators	223	0%	60%	40%	0%	0	134	89	0
7113 Telephone salespersons	36	0%	60%	40%	0%	0	22	15	0
7114 Pharmacy and other dispensing assistants	66	0%	40%	60%	0%	0	26	40	0
7115 Vehicle and parts salespersons and advisers	33	0%	60%	40%	0%	0	20	13	0
<i>712 Sales Related Occupations</i>	<b>177</b>								
7121 Collector salespersons and credit agents	24	0%	40%	60%	0%	0	10	14	0
7122 Debt, rent and other cash collectors	20	0%	40%	60%	0%	0	8	12	0
7123 Roundspersons and van salespersons	14	0%	60%	40%	0%	0	8	6	0
7124 Market and street traders and assistants	23	50%	50%	0%	0%	12	12	0	0
7125 Merchandisers and window dressers	27	50%	50%	0%	0%	14	14	0	0
7129 Sales related occupations n.e.c. <sup>4</sup>	68	0%	100%	0%	0%	0	68	0	0
<i>713 Sales Supervisors</i>	<b>194</b>								
7130 Sales supervisors	194	0%	60%	40%	0%	0	116	78	0
<i>721 Customer Service Occupations</i>	<b>405</b>								
7211 Call and contact centre occupations	114	0%	30%	70%	0%	0	34	79	0
7213 Telephonists	16	0%	30%	70%	0%	0	5	11	0
7214 Communication operators	30	0%	30%	70%	0%	0	9	21	0
7215 Market research interviewers	16	0%	70%	30%	0%	0	11	5	0
7219 Customer service occupations n.e.c. <sup>4</sup>	230	0%	50%	50%	0%	0	115	115	0
<i>722 Customer Service Managers and Supervisors</i>	<b>131</b>								
7220 Customer service managers and supervisors	131	0%	0%	100%	0%	0	0	131	0
<b>8 PROCESS, PLANT AND MACHINE OPERATIVES</b>	<b>1,913</b>								
<i>811 Process Operatives</i>	<b>267</b>								
8111 Food, drink and tobacco process operatives	135	0%	100%	0%	0%	0	135	0	0
8112 Glass and ceramics process operatives	11	0%	100%	0%	0%	0	11	0	0
8113 Textile process operatives	12	0%	100%	0%	0%	0	12	0	0
8114 Chemical and related process operatives	38	0%	100%	0%	0%	0	38	0	0
8115 Rubber process operatives	5	0%	100%	0%	0%	0	5	0	0





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8221 Crane drivers	8	0%	100%	0%	0%	0	8	0	0
8222 Fork-lift truck drivers	105	0%	100%	0%	0%	0	105	0	0
8223 Agricultural machinery drivers	8	50%	50%	0%	0%	4	4	0	0
8229 Mobile machine drivers and operatives n.e.c. <sup>4</sup>	51	0%	100%	0%	0%	0	51	0	0
<i>823 Other Drivers and Transport Operatives</i>	<i>78</i>								
8231 Train and tram drivers	18	0%	100%	0%	0%	0	18	0	0
8232 Marine and waterways transport operatives	7	0%	100%	0%	0%	0	7	0	0
8233 Air transport operatives	17	0%	100%	0%	0%	0	17	0	0
8234 Rail transport operatives	15	0%	100%	0%	0%	0	15	0	0
8239 Other drivers and transport operatives n.e.c. <sup>4</sup>	21	0%	100%	0%	0%	0	21	0	0
<b>9 ELEMENTARY OCCUPATIONS</b>	<b>3,340</b>								
<i>911 Elementary Agricultural Occupations</i>	<i>105</i>								
9111 Farm workers	68	50%	50%	0%	0%	34	34	0	0
9112 Forestry workers	10	50%	50%	0%	0%	5	5	0	0
9119 Fishing and other elementary agriculture occupations n.e.c. <sup>4</sup>	27	50%	50%	0%	0%	13	13	0	0
<i>912 Elementary Construction Occupations</i>	<i>168</i>								
9120 Elementary construction occupations	168	50%	50%	0%	0%	84	84	0	0
<i>913 Elementary Process Plant Occupations</i>	<i>269</i>								
9132 Industrial cleaning process occupations	36	50%	50%	0%	0%	18	18	0	0
9134 Packers, bottlers, canners and fillers	152	80%	20%	0%	0%	122	30	0	0
9139 Elementary process plant occupations n.e.c. <sup>4</sup>	80	50%	50%	0%	0%	40	40	0	0
<i>921 Elementary Administration Occupations</i>	<i>215</i>								
9211 Postal workers, mail sorters, messengers and couriers	173	0%	100%	0%	0%	0	173	0	0
9219 Elementary administration occupations n.e.c. <sup>4</sup>	42	0%	100%	0%	0%	0	42	0	0
<i>923 Elementary Cleaning Occupations</i>	<i>760</i>								
9231 Window cleaners	47	0%	100%	0%	0%	0	47	0	0
9232 Street cleaners	12					0	0	0	0
9233 Cleaners and domestics	600	50%	50%	0%	0%	300	300	0	0

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9234 Launderers, dry cleaners and pressers	31	50%	50%	0%	0%	16	16	0	0
9235 Refuse and salvage occupations	34	80%	20%	0%	0%	27	7	0	0
9236 Vehicle valeters and cleaners	27	50%	50%	0%	0%	14	14	0	0
9239 Elementary cleaning occupations n.e.c. <sup>4</sup>	9	50%	50%	0%	0%	4	4	0	0
<i>924 Elementary Security Occupations</i>	<i>311</i>								<i>0</i>
9241 Security guards and related occupations	174	30%	40%	30%	0%	52	70	52	0
9242 Parking and civil enforcement occupations	22	30%	40%	30%	0%	6	9	6	0
9244 School midday and crossing patrol occupations	88	50%	50%	0%	0%	44	44	0	0
9249 Elementary security occupations n.e.c. <sup>4</sup>	27	50%	50%	0%	0%	14	14	0	0
<i>925 Elementary Sales Occupations</i>	<i>102</i>								<i>0</i>
9251 Shelf fillers	79	0%	100%	0%	0%	0	79	0	0
9259 Elementary sales occupations n.e.c. <sup>4</sup>	23	0%	100%	0%	0%	0	23	0	0
<i>926 Elementary Storage Occupations</i>	<i>418</i>								<i>0</i>
9260 Elementary storage occupations	418	30%	70%	0%	0%	125	293	0	0
<i>927 Other Elementary Services Occupations</i>	<i>992</i>								<i>0</i>
9271 Hospital porters	25	0%	100%	0%	0%	0	25	0	0
9272 Kitchen and catering assistants	449	50%	50%	0%	0%	225	225	0	0
9273 Waiters and waitresses	249	0%	100%	0%	0%	0	249	0	0
9274 Bar staff	205	0%	100%	0%	0%	0	205	0	0
9275 Leisure and theme park attendants	28	0%	100%	0%	0%	0	28	0	0
9279 Other elementary services occupations n.e.c. <sup>4</sup>	35	0%	100%	0%	0%	0	35	0	0
						2,274	11,222	13,913	2,940

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**UKForCE Analysis of the requirement for digital skills**

	<b>2013</b>	<b>2014</b>
Digital Muggle	2,183,569	2,273,719
Digital Citizen	10,830,327	11,221,820
Digital Worker	13,634,455	13,912,526
Digital Maker	2,868,938	2,939,806

