

Supplementary Table 1. Broad and detailed essential groups

Broad	Detailed	SOC 2010 Code	Occupation
Healthcare			
Healthcare professionals			
		2211	Medical practitioners
		2212	Psychologists
		2213	Pharmacists
		2214	Ophthalmic opticians
		2215	Dental practitioners
		2217	Medical radiographers
		2218	Chiropodists
		2219	Health professionals n.e.c.
Other health professionals and healthcare associate professionals			
		1181	Health services and public health managers and directors
		1241	Healthcare practice managers
		2221	Physiotherapists
		2222	Occupational therapists
		2223	Speech and language therapists
		2229	Therapy professionals n.e.c
		2231	Nurses
		2232	Midwives
		3213	Paramedics
		3216	Dispensing opticians
		3217	Pharmaceutical technicians
		3218	Medical and dental technicians
		3219	Health associate professionals n.e.c.
Medical support staff			
		4211	Medical secretaries
		6141	Nursing auxiliaries and assistants
		6142	Ambulance staff (excl paramedics)
		6143	Dental nurses
		7114	Pharmacy and other dispensing assistants
		9271	Hospital porters
Social and education			
Social care			
		1184	Social service managers and directors
		1242	Residential, day and domiciliary care managers
		2442	Social workers
		2444	Clergy
		2449	Welfare professionals n.e.c.
		3231	Youth and community workers
		3233	Child and early years officers
		3234	Housing officers
		3235	Counsellors
		3239	Welfare and housing associate professionals n.e.c.
		6144	Houseparents and residential wardens
		6145	Care assistants and home carers
		6146	Senior care workers
		6147	Care escorts
		6232	Caretakers
		6148	Undertakers, mortuary and crematorium assistants
		9279	Other elementary services occupations n.e.c.

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Education			
		2314	Secondary education teaching professionals
		2315	Primary and nursery education teaching professionals
		2316	Special needs education teaching professionals
		2319	Teaching and other educational professionals n.e.c.
		6121	Nursery nurses and assistants
		6125	Teaching assistants
		6126	Educational support assistants
Other essential			
Police and protective services			
		1172	Senior police officers
		1173	Senior officers in fire, ambulance, prison and related services
		2443	Probation officers
		3311	NCOs and other ranks
		3312	Police officers (sergeant and below)
		3313	Fire service officers (watch manager and below)
		3314	Prison service officers (below principal officer)
		3315	Police community support officers
		3319	Protective service associate professionals n.e.c.
		6240	Cleaning and housekeeping managers and supervisors
		9231	Window cleaners
		9232	Street cleaners
		9233	Cleaners and domestics
		9235	Refuse and salvage occupations
		9239	Elementary cleaning occupations n.e.c.
		9241	Security guards and related occupations
		9242	Parking and civil enforcement occupations
		9249	Elementary security occupations n.e.c.
Food			
		1162	Managers and directors in storage and warehousing
		1190	Managers and directors in retail and wholesale
		1211	Managers and proprietors in agriculture and horticulture
		1213	Managers and proprietors in forestry, fishing and related services
		1254	Shopkeepers and proprietors – wholesale and retail
		5111	Farmers
		5112	Horticultural trades
		5119	Agricultural and fishing trades n.e.c.
		5431	Butchers
		5432	Bakers and flour confectioners
		5433	Fishmongers and poultry dressers
		7111	Sales and retail assistants
		7112	Retail cashiers and checkout operators
		7130	Sales supervisors
		8111	Food, drink and tobacco process operators
		9111	Farm workers
		9119	Fishing and other elementary agriculture occupations n.e.c.
		9134	Packers, bottlers, canners and fillers
		9251	Shelf fillers
		9259	Elementary sales occupations n.e.c.

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	Transport		
		1161	Managers and directors in transport and distribution
		6215	Rail travel assistants
		8211	Large goods vehicle drivers
		8212	Van drivers
		8213	Bus and coach drivers
		8214	Taxi and cab drivers and chauffeurs
		8231	Train and tram drivers
		8234	Rail transport operatives
		9211	Postal workers, mail sorters, messengers and couriers