

Supplementary Table S1. Classification of occupations.

ISCO-88 code	ISCO-88 occupational group	Occupational group for the present study
11	Legislators and senior government officials	Managers
12	Corporate managers	
13	Managers of small enterprises	
21	Physical, mathematical and engineering science professionals	Professionals
22	Life science and health professionals	
24	Other professionals	
23	Teaching professionals	Teaching professionals
31	Physical and engineering science associate professionals	Physical and engineering science technicians
32	Life science and health associate professionals	Environmental officers and nurses
33	Teaching associate professionals	Finance and sales associate professionals and
34	Other associate professionals	administrative secretaries
41	Office clerks	Office clerks
42	Customer services clerks	Customer services clerks
51	Personal and protective services workers	Services workers
52	Models, salespersons and demonstrators	Shop workers
61	Skilled agricultural and fishery workers	Agricultural and fishery workers
92	Unskilled agricultural and fishery workers	
71	Extraction and building trades workers	Construction workers, electricians and plumbers
72	Metal, machinery and related trades workers	Metal and machinery workers
73	Precision, handicraft, craft printing and related trades workers	Craft workers
74	Other craft and related trades workers	
81	Stationary plant and related operators	Chemical, wood and metal processing workers
82	Machine operators and assemblers	Machine operators and assemblers
83	Drivers and related water traffic operators	Professional drivers
91	Sales and services elementary occupations	Building caretakers, cleaners, assistant nurses and kitchen workers
93	Laborers in manufacturing and construction	Unskilled transport, construction and manufacturing workers

Supplementary Table S2. Prevalence of physical work load factors by occupational group among men and women.

ISCO-88 Code	Occupational group	Men					Women				
		HPW	K	HL	Sit	Stand	HPW	K	HL	Sit	Stand
11, 12, 13	Managers	6.9	5.7	5.7	73.3	16.6	5.5	3.8	3.3	63.1	12.5
21, 22, 24	Professionals	2.4	2.2	1.3	78.4	9.6	5.4	4.1	2.5	53.6	11.6
23	Teaching professionals	4.0	4.6	1.5	36.1	33.4	3.2	12.7	1.3	9.0	47.9
31	Physical and engineering science technicians	12.0	9.5	12.6	46.2	34.8	9.2	5.7	10.6	34.6	24.0
32	Environmental officers and nurses	18.7	15.0	15.4	24.3	53.9	31.1	20.8	26.1	15.9	48.1
33, 34	Finance and sales associate professionals and administrative secretaries	10.6	6.7	6.9	63.1	28.1	8.6	8.1	5.1	54.8	6.7
41	Office clerks	24.4	7.2	10.4	52.9	30.3	6.5	2.2	1.8	66.2	1.3
42	Customer services clerks	3.3	2.4	3.0	87.8	12.2	3.6	2.3	3.2	88.6	12.6
51	Service workers	37.6	18.4	16.5	20.4	62.6	39.2	35.8	17.1	9.1	62.6
52	Shop workers	30.5	18.7	32.0	9.5	78.6	28.9	20.8	15.8	16.4	83.0
61, 92	Agricultural and fishery workers	81.6	57.3	67.1	5.3	93.2	75.5	49.7	55.9	0.1	0.5
71	Construction workers, electricians and plumbers	86.1	90.3	57.0	1.0	95.5	89.7	89.8	62.9	0.0	20.0
72	Metal and machinery workers	47.3	65.3	27.4	8.6	80.4	42.2	58.7	27.6	16.0	70.0
73, 74	Craft workers	37.1	28.3	24.4	28.7	44.8	24.2	15.2	12.6	26.2	15.0
81	Chemical, wood and metal processing workers	37.5	20.1	33.2	28.0	60.7	44.6	10.6	19.8	25.6	40.4
82	Machine operators and assemblers	37.9	22.6	33.3	27.0	63.7	41.9	8.4	13.4	35.7	46.7
83	Professional drivers	43.6	12.4	37.6	44.7	14.1	45.4	14.0	40.6	43.8	11.1
91	Building caretakers, cleaners, assistant nurses and kitchen workers	47.4	34.7	19.7	10.5	68.0	49.3	37.3	16.9	1.5	65.1
93	Unskilled transport, construction and manufacturing workers	62.0	33.8	48.5	13.6	73.8	68.6	25.1	34.4	14.7	78.0

HPW: heavy physical work, K: Kneeling or squatting, HL: Heavy lifting, Sit: Sitting, Stand: Standing or moving.

Supplementary Table S3. Prevalence of physical work load factors by level of education among men and women.

	Primary	Secondary	Lower tertiary	Higher tertiary
Men				
Heavy physical work	38.0	35.3	8.8	2.9
Kneeling / squatting	30.5	38.2	8.0	2.7
Heavy lifting	27.0	21.3	6.1	2.1
Sitting	13.5	13.7	39.2	63.8
Standing or moving	64.1	66.2	32.5	13.8
Women				
Heavy physical work	28.3	27.8	6.9	3.9
Kneeling / squatting	9.1	12.0	1.7	1.4
Heavy lifting	6.8	13.2	2.5	2.3
Sitting	23.9	20.5	40.9	36.1
Standing or moving	45.9	47.9	31.5	30.8