

Online supplemental table S1. Number of suicide and non-suicide deaths, mortality rates and cause-specific MRR by sex among AFFH workers aged 20-64, with follow-up from 2012 to 2017.

	Deaths (n)		Mortality rates (per 100,000 person-years)		MRR from partly adjusted model* (95% CI)	MRR from fully adjusted model† (95% CI)
	AFFH workers	Manual workers not in the AFFH sector	AFFH workers	Manual workers not in the AFFH sector		
Suicide mortality						
Both sexes	559	2893	9.35	8.53	1.18 (1.05-1.31)	1.26 (1.11-1.44)
Men	500	2619	13.11	10.47	1.22 (1.08-1.37)	1.29 (1.12-1.49)
Women	59	274	2.73	3.08	0.88 (0.63-1.22)	1.05 (0.73-1.50)
Mortality from other causes						
Both sexes	11,186	54,890	187.1	161.9	1.01 (0.98-1.03)	1.03 (1.01-1.06)
Men	8828	45,603	231.4	182.3	1.03 (1.00-1.05)	1.05 (1.02-1.08)
Women	2358	9287	109.0	104.5	0.94 (0.89-0.99)	0.95 (0.89-1.01)

Reference category: manual workers not in the AFFH sector.

* The partially adjusted model included terms for sector of economic activity (AFFH, other sectors), age-at-risk (5-year age groups with last groups 65 and over) and sex (only for the model including both men and women).

† The fully adjusted model included further terms for marital status (single, married, separated, divorced or widowed), citizenship (Italian, foreign), geographic area of residence (North-West, North-East, Centre, Sardinia, South and Sicily), level of education (high school or university, middle school or less) employment status (casual and fixed term contract, cooperative member, employee, entrepreneur/professional, self-employed/family adjuvant) and long working hours (≤ 55 or > 55 hours per week).

AFFH: Agriculture, fishery, forestry and hunting, CI: Confidence Intervals, MRR: mortality rate ratio.

Online supplemental table S2. Number of non-suicide deaths, mortality rates and cause-specific MRR by selected sociodemographic and work-related characteristics among male AFFH workers aged 20-64, with follow-up from 2012 to 2017.

Socio-demographic or work-related characteristics	Deaths (n)		Rates (per 100,000 person-years)		MRR (95% CI)*
	AFFH workers	Workers in other sectors	AFFH workers	Workers in other sectors	
Age group					
20-29	127	1447	36.4	31.4	1.16 (0.95-1.40)
30-39	373	4732	47.8	37.8	1.27 (1.14-1.40)
40-49	1332	15192	120.3	91.4	1.30 (1.22-1.39)
50-59	3326	36422	311.4	263.2	1.17 (1.11-1.23)
≥ 60	3670	32587	719.5	645.4	1.09 (1.03-1.15)
<i>P</i> value [†]					0.11
Marital status					
Married	5763	58788	245.8	192.9	1.12 (1.09-1.16)
Separated/Divorced/Widowed	895	12031	404.3	311.0	1.20 (1.11-1.29)
Single	2170	19561	173.8	107.0	1.23 (1.17-1.29)
<i>P</i> value [†]					0.010
Citizenship					
Foreign	437	2918	85.4	72.3	1.12 (1.00-1.26)
Italian	8391	87462	254.0	180.0	1.17 (1.14-1.21)
<i>P</i> value [†]					0.41
Area of residence					
North-West	1120	16980	220.2	172.2	1.18 (1.10-1.27)
North-East	1833	19124	231.6	156.6	1.21 (1.14-1.27)
Centre	1460	25772	222.4	164.8	1.15 (1.08-1.23)
Sardinia	507	2521	284.1	184.1	1.26 (1.13-1.42)
South and Sicily	3908	25983	232.7	191.8	1.08 (1.03-1.13)
<i>P</i> value [†]					0.012
Level of education					
High school, university	1986	40415	150.6	132.9	1.13 (1.06-1.20)
Middle school or less	6842	49965	274.1	225.0	1.06 (1.03-1.09)
<i>P</i> value [†]					0.026
Employment status					
Casual and fixed term contract	314	2238	254.6	179.8	1.15 (0.99-1.34)
Cooperative members	153	666	258.4	199.1	1.11 (1.06-1.15)
Employees	4833	61396	210.8	161.4	1.18 (1.14-1.22)
Entrepreneurs/Professionals	579	9491	198.7	180.8	1.07 (0.94-1.22)
Self-employed/Family adjuvant	2949	16589	281.4	213.8	1.04 (0.85-1.27)
<i>P</i> value [†]					0.11
Long working hours					
No	7978	86104	231.9	171.5	1.17 (1.14-1.21)
Yes	850	4276	226.9	177.4	1.10 (1.00-1.21)
<i>P</i> value [†]					0.29
Years in follow-up					
1-2	2286	24141	178.4	136.7	1.13 (1.07-1.18)
3-4	2969	30145	233.3	171.7	1.17 (1.11-1.23)
5-6	3573	36094	283.4	207.4	1.17 (1.12-1.23)
<i>P</i> value [†]					0.35

Reference category: workers in other sectors.

* MRR and corresponding 95% confidence intervals were obtained from quasi-Poisson regression models including terms for age-at-risk (5-year age groups with last groups 65 and over) and sector of economic activity (AFFH, other sectors).

† Test for a different MRR across strata of socio-demographic or work-related characteristics.

AFFH: Agriculture, fishery, forestry and hunting, CI: Confidence Intervals, MRR: mortality rate ratio.