



Supplement to the publication: Trends in comorbidities and risk factors of patients with first time acute myocardial infarction between 1985 and 2023 – Results of the Myocardial Infarction Registry Augsburg

Authors:

Timo Schmitz¹, Inge Kirchberger¹, Philip Raake², Jakob Linseisen¹, Christa Meisinger¹

Institutions:

¹ Epidemiology, Faculty of Medicine, University of Augsburg, Augsburg, Germany

² Department of Cardiology, Respiratory Medicine and Intensive Care, University Hospital Augsburg, Augsburg, Germany

Corresponding author:

Timo Schmitz

E-Mail: timo.schmitz@med.uni-augsburg.de

Table 1: Prevalence of important comorbidities (in %) in patients aged 25 – 74 years with a first-time hospitalized myocardial infarction over time.

Year	Sex	Obesity			Diabetes			Hypertension		
		%	95%CI		%	95%CI		%	95%CI	
1985-1989	Men	10.1	8.3	12.0	17.5	15.4	19.5	46.6	43.9	49.3
1990-1994	Men	13.4	11.4	15.3	18.5	16.4	20.6	49.4	46.7	52.1
1995-1999	Men	17.6	15.5	19.8	22.1	19.9	24.3	55.0	52.3	57.6
2000-2004	Men	20.2	18.3	22.1	28.5	26.4	30.5	69.9	67.8	72.0
2005-2009	Men	25.0	23.0	27.0	28.6	26.6	30.6	75.8	73.8	77.7
2010-2014	Men	27.1	25.1	29.1	28.9	26.9	30.9	71.5	69.5	73.5
2015-2019	Men	28.6	26.5	30.7	23.3	21.3	25.2	66.4	64.2	68.6
2020-2023	Men	28.9	26.2	31.7	23.4	20.8	25.9	59.9	57.0	62.8
1985-1989	Women	12.8	9.2	16.5	33.5	29.1	37.8	66.4	62.1	70.8
1990-1994	Women	17.3	13.6	21.0	28.9	25.0	32.9	65.1	60.9	69.2
1995-1999	Women	20.9	16.8	24.9	30.5	26.3	34.8	67.9	63.6	72.2
2000-2004	Women	29.8	25.9	33.6	34.0	30.2	37.7	81.2	78.1	84.3
2005-2009	Women	32.1	28.4	35.8	33.4	29.8	37.0	79.5	76.4	82.5
2010-2014	Women	32.7	29.0	36.5	28.8	25.3	32.4	79.6	76.5	82.7
2015-2019	Women	34.5	30.5	38.6	27.7	23.9	31.4	70.5	66.6	74.3
2020-2023	Women	31.2	26.0	36.3	21.6	17.1	26.1	61.9	56.6	67.2
		Hyperlipidemia			Current smoking			Ex smoker		

Year	Sex	%	95%CI		%	95%CI		%	95%CI	
1985-1989	Men	52.0	49.3	54.8	49.6	46.8	52.3	30.1	27.6	32.6
1990-1994	Men	61.0	58.3	63.7	45.5	42.7	48.2	31.4	28.8	33.9
1995-1999	Men	64.9	62.4	67.5	44.8	42.1	47.5	29.4	27.0	31.9
2000-2004	Men	72.0	70.0	74.0	41.4	39.1	43.8	34.8	32.5	37.1
2005-2009	Men	59.0	56.8	61.3	42.9	40.6	45.3	35.1	32.8	37.4
2010-2014	Men	54.2	52.0	56.4	43.4	41.2	45.7	32.0	29.9	34.1
2015-2019	Men	53.2	50.8	55.5	46.4	44.0	48.8	30.5	28.3	32.6
2020-2023	Men	48.8	45.8	51.8	42.6	39.5	45.6	32.4	29.5	35.3
1985-1989	Women	52.2	47.4	57.0	25.7	21.3	30.1	7.9	5.2	10.6
1990-1994	Women	64.2	59.9	68.4	29.7	25.6	33.8	11.5	8.6	14.4
1995-1999	Women	64.1	59.7	68.6	34.6	30.1	39.2	11.2	8.2	14.2
2000-2004	Women	74.7	71.3	78.1	32.5	28.4	36.5	16.1	13.0	19.3
2005-2009	Women	61.0	57.2	64.7	37.7	33.7	41.6	17.0	13.9	20.1
2010-2014	Women	56.4	52.6	60.3	41.7	37.7	45.7	19.6	16.4	22.8
2015-2019	Women	51.3	47.1	55.5	42.7	38.4	47.0	22.0	18.4	25.7
2020-2023	Women	49.7	44.2	55.2	42.4	36.9	48.0	26.6	21.7	31.6