

Table S2 - Mortality Rates by T2D-status with Rate Ratios for GNHIES98 participants, stratified by sex.

A)

Women											
	No T2D		Total T2D								
	e/n	Mortality Rate [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]
Current age											
18 - <25	0/304	0.00 -	0/1	0.00 -	n. a.	0/0		n. a.	0/1	0.00 -	n. a.
25 - <35	2/922	0.33 [0.07-3.30]	0/7	0.00 -	n. a.	0/1	0.00 -	n. a.	0/6	0.00 -	n. a.
35 - <45	3/1383	0.44 [0.11-3.47]	0/21	0.00 -	n. a.	0/4	0.00 -	n. a.	0/17	0.00 -	n. a.
45 - <55	13/1380	1.49 [0.85-2.88]	1/50	3.75 *	2.51 [0.30-21.21]	0/20	0.00 -	n. a.	1/30	5.91 *	3.95 [0.47-33.42]
55 - <65	31/1245	4.48 [3.06-6.83]	4/108	4.95 [1.78-18.56]	1.10 [0.29-4.26]	4/42	10.44 [3.60-39.53]	2.33 [0.60-8.99]	0/66	0.00 -	n. a.
65 - <75	34/946	5.99 [4.11-9.06]	17/189	17.13 [10.06-31.42]	2.86 [1.56-5.25]	6/72	12.43 [4.99-38.24]	2.08 [0.76-5.65]	11/117	19.99 [10.43-43.15]	3.34 [1.70-6.57]
75 - <85	70/415	30.73 [23.69-40.42]	42/154	36.95 [26.10-53.25]	1.20 [0.82-1.77]	11/58	25.65 [12.74-56.41]	0.83 [0.43-1.63]	31/96	43.90 [29.42-66.89]	1.43 [0.93-2.21]
85 - <92	17/80	73.85 [42.56-135.88]	12/42	113.61 [65.46-209.30]	1.54 [0.81-2.92]	4/15	86.52 [20.63-499.13]	1.17 [0.40-3.42]	8/27	127.14 [71.83-241.87]	1.72 [0.85-3.49]
Overall crude	170/3096	5.08 [4.29-6.07]	76/275	23.77 [18.64-30.70]	4.68 [3.56-6.16]	25/105	17.93 [11.57-28.86]	3.53 [2.23-5.59]	51/170	27.31 [20.48-37.09]	5.38 [3.94-7.34]
Overall from current age 45											
crude	165/2328	8.37 [7.05-10.00]	76/270	25.70 [20.21-33.07]	3.07 [2.33-4.05]	25/104	18.67 [12.07-29.98]	2.23 [1.41-3.54]	51/166	30.23 [22.82-40.76]	3.61 [2.64-4.94]
standardized	2328	7.50 [6.32-8.67]	270	11.97 [7.75-16.19]	1.60 [1.09-2.35]	104	11.69 [4.02-19.35]	1.56 [0.79-3.06]	166	11.73 [7.22-16.24]	1.56 [1.03-2.37]

χ^2 -Test for effect modification over age-groups from age 45: total T2D p=0.1841 ; undiagnosed T2D p=0.4671 ; diagnosed T2D p=0.1313 .

Mortality rates as deaths per 1,000 person-years with corresponding rate ratios comparing persons with and without T2D. A) Women, B) Men.

Diagrams with logarithmic scale.

T2D = type 2 diabetes; GNHIES98 = German National Health Interview and Examination Survey 1998; e = number of events (deaths); n = number of persons; CI = confidence interval; n. a. = not assessable due to low numbers.

^RReference: No T2D; * 95%-CI missing because of ≤ 1 event in stratum.

All data except e and n are weighed to the German population of 31 Dec 1997.

Standardized estimates are age-standardized to the German population of 31 Dec 1997. Age groups for standardization: 45-<65, 65-<75, 75-<85, 85-<92 years of current age.

Data of the German population 85-89 years was used as reference-weight for the age group 85-<92.

B)

Men											
	No T2D		Total T2D			Undiagnosed T2D			Diagnosed T2D		
	e/n	Mortality Rate [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]	e/n	Mortality Rate [95%-CI]	Rate Ratio ^R [95%-CI]
Current age											
18 - <25	1/347	0.42 *	0/0		n. a.	0/0		n. a.	0/0		n. a.
25 - <35	3/923	0.39 [0.12-2.07]	0/6	0.00 -	n. a.	0/4	0.00 -	n. a.	0/2	0.00 -	n. a.
35 - <45	8/1314	0.99 [0.47-2.44]	1/30	3.85 *	3.90 [0.23-65.19]	1/20	5.86 *	5.94 [0.35-99.32]	0/10	0.00 -	n.a.
45 - <55	18/1286	2.40 [1.45-4.25]	5/72	17.25 [7.21-52.05]	7.19 [2.81-18.40]	5/45	24.24 [10.21-71.38]	10.11 [3.95-25.86]	0/27	0.00 -	n.a.
55 - <65	42/1121	7.76 [5.55-11.20]	13/172	11.69 [6.46-23.06]	1.51 [0.75-3.00]	7/76	14.13 [6.44-35.66]	1.82 [0.72-4.60]	6/96	9.94 [3.92-32.13]	1.28 [0.50-3.25]
65 - <75	76/830	16.16 [12.58-21.08]	39/202	40.28 [27.95-59.91]	2.49 [1.68-3.69]	17/83	46.73 [26.29-90.10]	2.89 [1.69-4.94]	22/119	36.57 [22.66-62.42]	2.26 [1.41-3.64]
75 - <85	94/328	56.29 [45.76-69.78]	39/101	92.77 [65.60-133.24]	1.65 [1.13-2.41]	17/44	96.54 [55.14-176.76]	1.72 [1.00-2.93]	22/57	90.20 [57.78-144.30]	1.60 [1.00-2.56]
85 - <92	13/43	156.30 [94.39-273.44]	3/12	114.42 [36.84-533.56]	0.73 [0.18-2.93]	1/7	40.50 *	0.26 [0.01-4.81]	2/5	217.24 [84.18-897.57]	1.39 [0.30-6.48]
Overall											
crude	255/2879	7.43 [6.49-8.55]	100/300	34.26 [27.44-43.16]	4.61 [3.64-5.84]	48/140	35.10 [25.44-49.36]	4.72 [3.43-6.50]	52/160	33.57 [24.72-46.35]	4.52 [3.34-6.12]

Overall from current age 45

crude	243/2088	13.06 [11.40-15.04]	99/295	36.43 [29.20-45.85]	2.79 [2.20-3.54]	47/137	38.68 [28.15-54.19]	2.96 [2.15-4.09]	52/158	34.70 [25.55-47.90]	2.66 [1.96-3.60]
standardized		14.66 [12.43-16.88]		26.94 [20.13-33.75]	1.84 [1.37-2.47]		30.17 [20.12-40.21]	2.06 [1.43-2.97]		24.94 [14.80-35.08]	1.70 [1.10-2.63]

χ^2 -Test for effect modification over age-groups from age 45: total T2D p=0.0093 ; undiagnosed T2D p=0.0017 ; diagnosed T2D p=0.7016 .

Mortality rates as deaths per 1,000 person-years with corresponding rate ratios comparing persons with and without T2D. A) Women, B) Men.

Diagrams with logarithmic scale.

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