

Germany - German Atherosclerosis Society

Members: 344

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**1. Prevalence of Arteriosclerosis****Hospitals, Hospital Cases (rate):**

	1994	1995	1996	1997	1998	1999
ICD 440 Arteriosclerosis	144,2	146,3	152,1	157,7	168,5	177,9

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment per 100.000 inhabitants (Year, Germany, Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (1994-1999):

	1994	1995	1996	1997	1998	1999
ICD 440 Arteriosclerosis	117.440	119.478	124.603	129.363	138.227	146.014

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (1994-1999, Germany, Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (since 2002):

	2000	2001	2002
I70 Arteriosclerosis	83.842	96.640	128.141

- Disbanded from hospital, inpatient treatment (including deceases, without cases of short-term treatment) (since 2000, Region, Age, Sex, Resting Time, ICD-10); all groups of age, both sexes

Deceases (1980-1997)

	1980	1985	1990	1995	1996	1997
ICD 440 Arteriosclerosis	59.602	54.824	38.899	17.524	16.864	16.189

- Number of deceases (1980-1997, Region, Age, Sex, Nationality, ICD-9); all groups of age, both sexes, all nationalities

Deceases (since 1998)

	1998	1999	2000	2001	2002
I70 Arteriosclerosis	14.996	15.536	14.074	13.920	13.695

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); all groups of age, both sexes, all nationalities

2. Trend of Arteriosclerosis Prevalence

Since 1994 an increase of hospital cases is observable. But there is a clear decline of deceases to be listed. (Interpretation of data by Dr. Thomas Laßleben)

3. Prevalence of Risk Factors for Arteriosclerosis

3.1 Obesity (1994-1999)

Hospitals, Hospital Cases (1994-1999)

	1994	1995	1996	1997	1998	1999
ICD 278 Obesity and further forms of hyperalimentation	6.812	7.137	7.239	7.886	8.312	8.461

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (1994-1999, Germany, Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (since 2000)

	2000	2001	2002
E65-E68 Adiposity and further hyperalimentation	9.441	11.088	10.111
E66 Adiposity	6.551	7.990	6.931
E65 Localized Adiposity	2.729	2.984	3.087

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (since 2000, Region, Age, Sex, Residence Time after ICD-10); Germany, all groups of age, both sexes, in total

Deceases (1980-1997)

	1980	1985	1990	1995	1996	1997
ICD 278 Obesity and further forms of hyperalimentionation	942	728	768	972	1.058	1.040

- Number of deceases (1980-1997, Region, Age, Sex, Nationality, ICD-9); Germany, all groups of age, both sexes, all nationalities

Deceases (ab 1998)

	1998	1999	2000	2001	2002
E65-E68 Adiposity and further hyperalimentionation	941	826	701	655	867
E66 Adiposity	941	2	699	654	866
E65 Localized Adiposity	-	-	1	1	-

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); Germany, all groups of age, both sexes, all nationalities

3.2 Lipoidosis

- Total Cholesterol - Prevalence - Sex and Age 1998
- See: Appendix 1

Hospitals, Hospital Cases (1994-1999)

	1994	1995	1996	1997	1998	1999
ICD 272 Lipoidosis	5.462	5.087	4.068	3.605	3.684	3.992

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (1994-1999, Germany, Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (since 2000)

	2000	2001	2002

E78 Lipoidosis and further Lipidemia	4.454	5.608	3.687
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- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (since 2000, Region, Age, Sex, Residence Time, ICD-10); Germany, all groups of age, both sexes, all cases

Deceases (1980-1997)

	1980	1985	1990	1995	1996	1997
ICD 272 Lipoidosis	69	95	98	237	286	293

- Number of deceases (1980-1997, Region, Age, Sex, Nationality, ICD-9); Germany, all groups of age, both sexes, all nationalities

Deceases (since 1998)

	1998	1999	2000	2001	2002
E78 Lipoidosis and further Lipidemia	202	193	212	205	201

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); Germany, all groups of age, both sexes, all nationalities

3.3 Hypertension

Hospitals, Hospital Cases (1994-1999)

	1994	1995	1996	1997	1998	1999
ICD 401-405 Hypertension and hypertensive heart deceases	148.692	154.640	159.122	166.656	185.083	186.822
ICD 642 Hypertension as a compl. in pregnancy, delivery or puerperium (toxicos, eclampsia)	11.885	13.223	14.976	14.304	13.955	13.973
ICD 404 Hypertension with heart disease and renal disease	3.210	2.484	1.917	1.966	2.609	2.848
ICD 403 Renale hypertension	2.692	2.444	2.179	1.959	2.172	1.934
ICD 402 Hypertensive heart disease	16.193	16.380	16.417	16.611	20.455	24.234
ICD 401 Essential hypertension	125.804	132.562	137.963	145.427	159.111	157.225
ICD 405 Secondary hypertension (phaeochromocytoma)	793	770	673	693	736	581

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (1994-1999, Germany,

Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (since 2000)

	2000	2001	2002
I10-I15 Hypertension (Hypertensive heart disease)	190.216	203.933	213.578
O10-O16 Oedema, Proteinuria und hypertension during pregnancy, delivery or puerperium	17.411	16.496	18.880
O16 Not further described Hypertension of the mother	438	286	260
O12 Gestationoedema and gestationproteinuria (gestation induced) without hypertension	1.953	1.728	1.800
O11 Preexisting hypertension with superimposed proteinuria complicating gestation, delivery and puerperium	201	244	317
O10 Preexisting hypertension complicating gestation, delivery and puerperium	959	766	838
I15 Secondary hypertension	4.694	2.163	1.619
I11 Hypertensive heart disease	46.040	53.099	63.878
I10 Essential (primary) hypertension	134.372	144.317	143.389

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (since 2000, Region, Age, Sex, Residence Time, ICD-10); Germany, all groups of age, both sexes, all cases

Deceases (since 1998)

	1998	1999	2000	2001	2002
I10-I15 Hypertension (Hypertensive heart disease)	15.065	16.753	18.775	20.805	23.261
O10-O16 Oedema, Proteinuria und hypertension during pregnancy, delivery or puerperium	7	7	5	5	3
O16 Not further described Hypertension of the mother	-	-	-	1	-
O12 Gestationoedema and gestationproteinuria (gestation induced) without hypertension	-	-	-	-	-
O11 Preexisting hypertension with superimposed proteinuria complicating gestation, delivery and puerperium	-	-	-	-	-
O10 Preexisting hypertension complicating gestation, delivery and puerperium	-	-	1	-	-
I15 Secondary hypertension	-	-	-	-	-
I11 Hypertensive heart disease	9.930	11.183	12.632	13.253	14.436
I10 Essential (primary) hypertension	3.459	3.943	4.387	5.615	6.754

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); Germany, all groups of age, both sexes, all nationalities

3.4 Diabetes

**Arranged by age and sex, Germany, 1998

Diabetes mellitus in % of people in survey				
Age in years	Diabetes mellitus (E10-E14)		Among them Insulin dependent Diabetes mell. (E10)	
	female	male	female	male
18-39	1,3	0,6	0,3	0,3
40-49	2,6	1,2	0,8	0,8
50-59	2,8	8,0	1,1	1,3
60-69	11,4	12,9	2,2	3,4
70-79	19,4	13,0	5,6	3,7
18-79	5,6	4,7	1,5	1,3

- Diabetes mellitus arranged by age and sex, Germany 1998

Hospitals, Hospital Cases (1994-1999)

	1994	1995	1996	1997	1998	1999
ICD 250 Diabetes mellitus	200.958	201.170	195.429	197.713	206.002	199.904

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (1994-1999, Germany, Age, Sex, Diagnosis/Reason for treatment after ICD-9); all groups of age, both sexes

Hospitals, Hospital Cases (since 2000)

	2000	2001	2002
E10-E14 Diabetes mellitus	207.391	206.801	202.080

O14	6.442	6.256	7.101
Diabetes mellitus during gestation			
E14 Not further described	57.983	52.202	36.736
Diabetes mellitus			
E13	2.705	3.060	2.678
Other further described			
Diabetes mellitus			
E12	772	613	465
Diabetes mellitus in association with false nutrition or malnutrition			
E11	101.739	113.529	127.315
not primary insulin dependent diabetes mellitus (Typ-II-Diabetes)			
E10	44.192	37.397	34.886
Primary insulin dependent diabetes mellitus (Typ-I-Diabetes)			

- Disbanded from hospital, inpatient treatment, including deceases, without cases of short-term treatment (since 2000, Region, Age, Sex, Residence Time after ICD-10); Germany, all groups of age, both sexes, in total

Deceases (since 1998)

	1998	1999	2002	2001	2002

E10-E14 Diabetes mellitus	20.663	20.947	21.180	21.878	23.607
O14 Diabetes mellitus during gestation	-	-	-	-	-
E14 Not further described Diabetes mellitus	16.386	16.673	15.502	15.145	19.976
E13 Other further described Diabetes mellitus	100	221	167	48	53
E12 Diabetes mellitus in association with false nutrition or malnutrition	46	60	19	26	19
E11 not primary insulin dependent diabetes mellitus (Typ-II-Diabetes)	1.956	2.055	3.739	5.070	5.231
E10 Primary insulin dependent diabetes mellitus (Typ-I-Diabetes)	2.175	1.938	1.753	1.589	1.328

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); Germany, all groups of age, both sexes, all nationalities
- 3.5 Smoking

Population arranged by smoking habit

	1999				2003			
	male		female		male		female	
	Not smoking	smoking	Not smoking	smoking	Not smoking	smoking	Not smoking	smoking
All agegroups up from 15 Y.	65,3	34,7	77,8	22,2	66,8	33,2	77,9	22,1
15 until under 20 J.	72,1	27,9	78,6	21,4	72,7	27,3	76,8	23,2
20 until under 25 J.	57,0	43,0	67,4	32,6	54,4	45,6	64,6	35,4
25 until under 30 J.	56,4	43,6	67,5	32,5	56,5	43,5	69,0	31,0
30 until under 35 J.	55,5	44,5	65,0	35,0	57,0	43,0	68,4	31,6

35 until under 40 J.	53,6	46,4	64,6	35,4	57,9	42,1	67,4	32,6
40 until under 45 J.	55,6	44,4	66,3	33,7	57,5	42,5	66,6	33,4
45 until under 50 J.	59,0	41,0	71,0	29,0	59,6	40,4	69,1	30,9
50 until under 55 J.	64,5	35,5	76,0	24,0	64,6	35,4	75,0	25,0
55 until under 60 J.	70,7	29,3	83,9	16,1	69,5	30,5	80,7	19,3
60 until under 65 J.	75,4	24,6	88,2	11,8	76,6	23,4	87,1	12,9
65 until under 70 J.	79,7	20,3	90,9	9,1	82,5	17,5	91,5	8,5
70 until under 75 J.	83,3	16,7	92,2	7,8	84,3	15,7	93,5	6,5
75 J. und älter	88,6	11,4	95,9	4,1	88,9	11,1	96,0	4,0

- Population arranged by smoking habit in % (Years, Germany, Age, Sex)

Deceases (since 1998)

	1998	1999	2000	2001	2002
F17 Psychic and behaviour disorder caused by tobacco	113	74	71	69	63

- Number of deceases (since 1998, Region, Age, Sex, Nationality, ICD-10); Germany, all groups of age, both sexes, all nationalities