

Deaths according to cause of death, age and gender 1986-2010 by regions (metropolitan area separately)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
North Ostrobothnia																										
Age groups total																										
Genders total																										
01-54 TOTAL DEATHS (A00-Y89)	2,690	2,827	2,847	2,870	2,878	2,865	2,954	2,916	2,742	2,832	2,787	2,954	3,033	3,047	3,011	2,903	2,948	3,032	2,947	2,839	2,900	2,949	3,016	3,010	3,015	
01-41 DISEASES AND ACCIDENTAL POISONING BY ALCOHOL (A00-R99, X45)	2,421	2,594	2,550	2,598	2,603	2,569	2,679	2,660	2,498	2,563	2,531	2,688	2,791	2,782	2,755	2,659	2,697	2,795	2,693	2,581	2,633	2,671	2,789	2,743	2,762	
01-03 Certain infectious and parasitic diseases (A00-B99, J65)	21	30	23	20	28	17	21	20	23	24	26	21	19	26	20	21	25	20	18	26	19	30	19	32	24	
01 Tuberculosis (A15-A19, B90, J65)	12	19	13	12	18	11	10	8	8	7	6	9	5	9	7	8	10	5	5	9	7	6	3	4	0	
02 Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
03 Other infectious and parasitic diseases (A00-A09, A20-B19, B25-B89, B91-B99)	9	11	10	8	10	6	10	12	15	17	19	12	14	17	13	13	15	15	13	16	12	24	16	28	23	
04-22 Neoplasms (C00-D48)	525	599	608	554	561	589	609	553	592	600	553	626	656	634	630	606	559	631	668	622	634	614	684	698	651	
04-21 Malignant neoplasms (C00-C97)	515	588	588	538	541	577	596	536	575	586	544	615	637	621	615	592	541	610	654	608	603	603	668	673	633	
04 Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	8	3	8	6	10	10	7	8	9	5	6	6	3	5	6	9	10	3	9	14	11	6	8	4	
05 Malignant neoplasm of oesophagus (C15)	10	13	14	10	7	10	10	8	13	10	8	15	11	12	11	8	4	9	10	13	8	15	11	11	12	
06 Malignant neoplasm of stomach (C16)	52	49	56	52	40	52	39	50	63	42	39	41	37	31	37	26	25	30	39	33	30	34	27	32	35	
07 Malignant neoplasm of colon (C18, C19)	21	26	34	28	21	36	31	20	38	33	32	39	27	46	42	38	35	42	35	22	38	32	42	44	34	
08 Malignant neoplasm of rectum, anus and anal canal (C20-C21)	13	18	14	14	20	14	16	22	19	18	30	13	21	13	24	16	16	16	24	17	17	16	20	16	20	
09 Primary malignant neoplasm of liver and intrahepatic bile ducts (C22)	15	22	16	13	12	14	9	19	20	17	17	14	23	22	30	26	18	28	25	23	18	21	24	39	25	
10 Malignant neoplasm of pancreas (C25)	43	39	43	45	36	43	44	36	46	43	31	58	43	34	46	41	41	56	63	59	64	62	65	52	61	
11 Malignant neoplasm of larynx, trachea, bronchus and lung (C32-C34)	127	134	138	126	135	129	148	106	137	109	136	131	129	131	135	119	101	111	134	125	142	129	146	150	114	
12 Malignant melanoma of skin (C43)	4	3	4	3	9	7	10	7	9	3	8	7	9	7	6	9	13	7	6	13	8	11	9	15	12	
13 Malignant neoplasm of breast (C50)	33	45	37	30	24	36	39	37	26	47	31	31	50	47	44	51	40	47	34	46	38	49	55	40	45	
14 Malignant neoplasm of cervix uteri (C53)	5	4	4	3	2	6	2	5	3	2	0	4	2	2	2	1	1	5	4	2	6	1	0	3	2	
15 Malignant neoplasm of uterus (C54-C55)	8	10	9	9	7	7	10	9	15	11	10	6	7	6	9	9	6	8	14	3	6	10	11	12	9	
16 Malignant neoplasm of ovary (C56)	15	19	17	13	20	14	13	12	13	15	13	11	18	28	20	20	16	24	18	19	20	17	15	23	18	
17 Malignant neoplasm of prostate (C61)	27	32	28	32	41	42	40	40	32	51	38	36	46	40	37	40	39	39	54	34	37	29	42	38	53	
18 Malignant neoplasm of kidney (C64)	11	21	18	19	14	19	18	14	18	13	19	20	21	21	13	22	16	20	22	21	12	18	17	18	23	
19 Malignant neoplasm of bladder (C67)	8	9	14	15	13	12	10	4	14	12	6	14	17	14	11	9	18	12	19	14	13	16	12	16	14	
20 Malignant neoplasm of lymphoid, haematopoietic and related tissue (C81-C96)	60	58	54	38	50	43	58	48	37	62	53	62	58	69	49	70	59	67	62	61	42	42	71	62	58	
21 Other malignant neoplasms	58	78	85	80	84	83	89	92	64	89	68	107	112	95	94	81	84	79	88	94	90	90	95	94	94	
22 Other neoplasms (D00-D48)	10	11	20	16	20	12	13	17	17	14	9	11	19	13	15	14	18	21	14	14	31	11	16	25	18	
23-24 Endocrine, nutritional and metabolic diseases (E00-E90)	18	32	40	27	41	33	35	44	24	33	39	31	43	42	47	41	32	50	35	46	37	48	58	30	36	
23 Diabetes mellitus (E10-E14)	12	24	33	23	38	28	27	36	20	29	36	26	40	39	42	31	26	42	30	35	29	38	45	19	27	
24 Other endocrine, nutritional and metabolic diseases (E00-E09, E15-E90)	6	8	7	4	3	5	8	8	4	4	3	5	3	3	5	10	6	8	5	11	8	10	13	11	9	
25 Dementia, Alzheimers disease (F01, F03, G30, R54)	58	87	93	103	117	118	108	126	120	102	117	140	162	165	151	182	202	201	231	247	292	298	315	352	370	
26 Other diseases of the nervous system and sense organs	41	45	29	35	27	40	39	39	34	40	47	35	40	53	45	51	59	51	64	50	74	78	69	66	73	
27-30 Diseases of the circulatory system (I00-I425, I427-I99)	1,399	1,443	1,411	1,455	1,420	1,383	1,445	1,384	1,258	1,287	1,250	1,332	1,353	1,243	1,300	1,307	1,322	1,340	1,289	1,217	1,207	1,225	1,273	1,204	1,250	
27 Ischaemic heart diseases (I20-I25)	867	918	901	940	941	886	978	939	842	887	818	860	914	819	851	894	898	890	841	811	777	803	845	787	801	
28 Other heart diseases excl. rheumatic and alcohol-related (I30-I425, I427-I52)	139	102	135	94	94	118	93	85	81	86	88	110	88	92	99	93	75	87	86	98	92	97	113	109	108	
29 Cerebrovascular diseases (I60-I69)	294	324	300	334	297	300	286	283	262	246	281	281	280	256	282	245	266	261	261	221	248	245	213	214	210	
30 Other diseases of the circulatory system (I00-I15, I26-I28, I70-I99)	99	99	75	87	88	79	88	77	73	68	63	81	71	76	68	75	83	102	101	87	90	80	102	94	131	
31-35 Diseases of the respiratory system (J00-J64, J66-J99)	171	166	175	198	214	185	213	256	226	262	296	280	270	350	310	219	283	262	142	115	123	130	126	115	110	

54 No death certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	3	1	0	0
Females																										
01-54 TOTAL DEATHS (A00-Y89)	1,251	1,302	1,332	1,383	1,327	1,357	1,363	1,454	1,304	1,386	1,293	1,453	1,434	1,468	1,462	1,409	1,480	1,458	1,376	1,330	1,367	1,377	1,438	1,462	1,457	
01-41 DISEASES AND ACCIDENTAL POISONING BY ALCOHOL (A00-R99, X45)	1,177	1,251	1,271	1,314	1,247	1,273	1,298	1,379	1,250	1,302	1,228	1,374	1,363	1,392	1,384	1,330	1,401	1,397	1,310	1,254	1,296	1,300	1,383	1,382	1,377	
01-03 Certain infectious and parasitic diseases (A00-B99, J65)	16	18	12	10	12	10	10	11	14	11	16	8	10	15	10	7	16	8	9	14	13	20	7	16	14	
01 Tuberculosis (A15-A19, B90, J65)	8	13	6	6	7	6	2	5	3	3	5	4	3	6	5	2	6	2	2	5	5	4	2	2	0	
02 Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03 Other infectious and parasitic diseases (A00-A09, A20-B19, B25-B89, B91-B99)	8	5	6	4	5	4	8	6	11	8	11	4	7	9	5	5	10	6	7	9	8	16	5	14	14	
04-22 Neoplasms (C00-D48)	243	268	274	241	244	252	255	253	249	284	237	277	299	291	286	264	270	301	302	283	308	311	306	332	304	
04-21 Malignant neoplasms (C00-C97)	236	261	262	232	230	247	248	245	237	277	232	270	285	284	279	255	261	290	291	273	287	303	295	316	289	
04 Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	2	0	3	1	2	3	0	2	5	3	4	6	0	2	4	5	6	2	1	3	4	5	2	2	
05 Malignant neoplasm of oesophagus (C15)	7	6	7	3	3	4	4	5	8	2	3	9	7	4	2	0	2	3	8	6	4	6	4	3	3	
06 Malignant neoplasm of stomach (C16)	25	20	26	27	18	22	11	20	26	19	16	12	22	11	15	12	14	6	18	14	12	16	9	13	11	
07 Malignant neoplasm of colon (C18, C19)	12	18	22	19	14	17	19	18	18	22	18	25	11	18	29	15	20	25	21	10	21	15	18	30	16	
08 Malignant neoplasm of rectum, anus and anal canal (C20-C21)	11	10	9	4	13	9	6	9	7	11	16	5	9	6	9	7	5	6	13	5	9	6	6	8	13	
09 Primary malignant neoplasm of liver and intrahepatic bile ducts (C22)	7	9	5	10	8	7	1	11	8	8	6	7	9	11	14	12	11	15	12	14	5	8	7	16	11	
10 Malignant neoplasm of pancreas (C25)	22	21	21	26	19	20	25	14	29	30	15	36	15	19	30	17	22	28	21	28	39	39	30	27	28	
11 Malignant neoplasm of larynx, trachea, bronchus and lung (C32-C34)	18	16	24	17	16	15	19	14	19	18	29	20	18	31	23	20	23	28	27	20	40	37	38	38	35	
12 Malignant melanoma of skin (C43)	2	1	2	2	5	4	3	2	3	2	5	3	3	1	0	5	7	2	2	5	2	2	4	4	3	
13 Malignant neoplasm of breast (C50)	33	45	37	30	24	36	39	37	26	47	31	31	50	47	44	51	40	47	34	46	38	49	55	40	45	
14 Malignant neoplasm of cervix uteri (C53)	5	4	4	3	2	6	2	5	3	2	0	4	2	2	2	1	1	5	4	2	6	1	0	3	2	
15 Malignant neoplasm of uterus (C54-C55)	8	10	9	9	7	7	10	9	15	11	10	6	7	6	9	9	6	8	14	3	6	10	11	12	9	
16 Malignant neoplasm of ovary (C56)	15	19	17	13	20	14	13	12	13	15	13	11	18	28	20	20	16	24	18	19	20	17	15	23	18	
17 Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18 Malignant neoplasm of kidney (C64)	3	10	9	8	7	8	9	10	8	7	6	12	14	7	5	10	11	9	8	13	4	11	11	8	11	
19 Malignant neoplasm of bladder (C67)	2	1	5	5	4	4	2	2	5	2	2	5	5	7	2	5	6	6	6	5	6	7	2	5	3	
20 Malignant neoplasm of lymphoid, haematopoietic and related tissue (C81-C96)	29	29	22	16	24	26	31	25	15	29	23	25	33	34	28	28	27	38	28	32	18	19	31	31	27	
21 Other malignant neoplasms	36	40	43	37	45	46	51	52	32	47	36	55	56	52	45	39	45	34	55	50	54	56	49	53	52	
22 Other neoplasms (D00-D48)	7	7	12	9	14	5	7	8	12	7	5	7	14	7	7	9	9	11	11	10	21	8	11	16	15	
23-24 Endocrine, nutritional and metabolic diseases (E00-E90)	12	15	32	17	32	21	25	32	13	17	22	24	20	22	34	25	13	28	16	17	24	20	24	15	16	
23 Diabetes mellitus (E10-E14)	9	13	27	14	30	18	19	26	10	17	22	21	19	20	31	18	11	25	15	12	19	14	16	9	13	
24 Other endocrine, nutritional and metabolic diseases (E00-E09, E15-E90)	3	2	5	3	2	3	6	6	3	0	0	3	1	2	3	7	2	3	1	5	5	6	8	6	3	
25 Dementia, Alzheimers disease (F01, F03, G30, R54)	39	60	66	68	78	77	92	82	66	76	108	114	121	108	126	145	151	176	159	199	201	213	240	240		
26 Other diseases of the nervous system and sense organs	17	22	13	11	14	25	14	20	15	20	24	17	23	24	24	27	28	24	27	21	33	37	39	33	36	
27-30 Diseases of the circulatory system (I00-I425, I427-I99)	697	704	721	779	688	703	726	720	666	653	614	691	670	630	673	668	709	669	602	617	580	579	650	589	622	
27 Ischaemic heart diseases (I20-I25)	388	385	434	460	423	429	456	449	424	427	375	427	418	407	406	447	460	427	361	398	342	376	421	351	376	
28 Other heart diseases excl. rheumatic and alcohol-related (I30-I425, I427-I52)	88	54	73	54	49	58	56	44	42	39	44	60	48	46	47	41	42	45	40	52	51	42	54	52	60	
29 Cerebrovascular diseases (I60-I69)	165	207	176	210	174	171	172	179	156	151	169	166	167	143	178	143	164	148	154	126	144	123	121	133	119	
30 Other diseases of the circulatory system (I00-I15, I26-I28, I70-I99)	56	58	38	55	42	45	42	48	44	36	26	38	37	34	42	37	43	49	47	41	43	38	54	53	67	
31-35 Diseases of the respiratory system (J00-J64, J66-J99)	63	74	71	92	84	84	99	126	110	125	145	141	125	166	132	98	127	112	71	37	34	39	39	50	49	
31 Influenza (J09-J11)	2	0	3	10	11	0	2	10	1	2	2	1	3	3	4	0	1	4	0	0	0	0	1	1	0	
32 Pneumonia (J12-J18, J849)	49	58	54	61	56	67	76	96	89	106	123	109	93	127	93	76	97	76	39	14	9	11	10	11	15	
33 Bronchitis and emphysema (J40-J44, J47)	3	11	6	8	6	8	12	11	10	9	11	22	20	21	18	18	16	23	24	17	16	13	18	22	19	

34 Asthma (J45-J46)	4	4	0	4	0	2	5	3	4	7	3	4	1	5	7	0	6	2	1	3	3	10	5	6	1
35 Other diseases of the respiratory system (J00-J06, J20-J39, J60-J64, J66-J848, J85-J99)	5	1	8	9	11	7	4	6	6	1	6	5	8	10	10	4	7	7	7	3	6	5	5	10	14
36 Diseases of the digestive system excl. alcohol-related diseases	35	40	35	34	33	39	35	55	38	46	39	41	46	54	50	58	31	35	51	46	37	44	45	42	41
37 Diseases of the genitourinary system (N00-N99)	20	17	16	21	22	25	23	25	23	33	22	29	15	24	20	16	19	28	9	12	15	16	15	6	14
38 Congenital malformations (Q00-Q99)	12	11	10	10	9	10	12	9	10	12	9	5	11	3	8	5	8	5	5	7	11	7	5	11	5
39 Other diseases	16	19	18	23	27	21	20	27	21	21	19	21	21	28	18	19	17	21	20	19	26	16	26	20	16
40 Ill-defined and unknown causes of mortality (R96-R99)	1	0	0	1	2	0	0	2	0	3	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0
41 Alcohol related diseases and accid. poisoning by alcohol	6	3	3	7	2	6	7	7	9	11	4	11	9	14	21	16	18	15	22	21	16	10	13	28	20
42-53 ACCIDENTS AND VIOLENCE (V01-X44, X46-Y89)	74	51	61	69	80	84	65	75	54	84	65	79	71	76	77	78	79	60	66	76	69	76	54	79	80
42-49 Accidents (V01-X44, X46-X59, Y10-Y15, Y85-Y86)	46	23	39	48	57	54	38	54	32	51	42	56	48	57	50	55	58	41	52	57	47	53	41	53	64
42 Land traffic accidents	12	11	11	15	19	24	9	16	11	15	9	12	7	13	9	9	8	9	11	4	3	12	6	7	8
43 Other land transport accidents	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	0	1	1	0	1	2	0	0	2
44 Water transport accidents (V90-V94)	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0
45 Others and unspecified transport accidents (V95-V99)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 Accidental falls (W00-W19)	25	8	17	21	22	16	18	18	12	23	15	29	33	32	33	35	35	23	27	32	29	24	23	32	39
47 Accidental drownings (W65-W74)	2	1	1	2	2	2	2	2	1	1	2	2	2	1	1	0	4	0	1	0	2	1	2	2	3
48 Accidental poisonings excl. accidental poisonings by alcohol (X40-X44, X46-X49, Y10-Y15)	4	0	3	5	8	8	2	10	2	3	9	5	4	3	0	2	4	3	1	10	6	7	3	5	6
49 Other accidents and sequelae of accidents	3	2	7	4	6	4	7	8	5	9	7	7	2	6	6	9	6	4	11	11	5	7	7	7	6
50 Suicides (X60-X84, Y870)	21	19	17	15	19	22	17	15	21	25	17	18	16	16	22	17	16	16	11	17	18	18	10	23	13
51 Assault (X85-Y09, Y871)	5	4	4	5	1	3	5	5	1	6	4	3	5	2	3	4	3	0	2	1	4	3	2	2	3
52 Event of undetermined intent (Y16-Y34, Y872)	1	4	1	0	2	3	2	1	0	1	1	2	2	1	2	2	2	3	1	1	0	2	1	1	0
53 Other external causes and sequelae of other external causes (Y35-Y84, Y88-Y89)	1	1	0	1	1	2	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 No death certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	2	1	1	1	0

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Regions and metropolitan area

This table apply the regional division of 1 January 2011 to the whole time series.

Cause of death (54-group short list)

The 54-group classification is used for describing long time series. Its formation from the classifications of different years is described on the homepage of the statistics on causes of death under Classifications.

The data of this time series are otherwise comparable, but the classification of pneumonia was adjusted in 2005 and 2006. Then an international guideline of pneumonia was adopted: accordingly, pneumonia is not accepted as the primary cause of death if a chronic disease which has weakened the organism is mentioned in the death certificate. In such cases the disease in question is recorded as the person's primary cause of death. The revision of the classification was gradually taken into use in 2005 and 2006. The adjustment cut the number of deaths from pneumonia by around one third. The cases mainly moved to dementia and cerebrovascular diseases.

Cause of death (54-group short list)

40 Ill-defined and unknown causes of mortality (R96-R99)

This group includes deaths with no death certificate 1986-1997, 1998 onwards these deaths belong to the group 54.

Cause of death (54-group short list)

54 No death certificate

1986-1997 deaths with no death certificate belong to the group 40.

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Unit:

persons