

Neoplasms

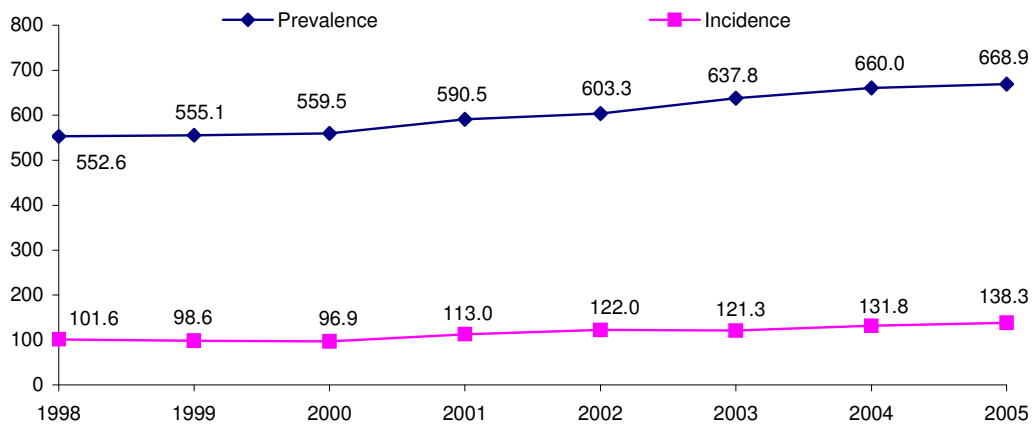


Figure 1. Malignant neoplasms morbidity, rates per 100,000 population, Georgia, 1998 – 2005

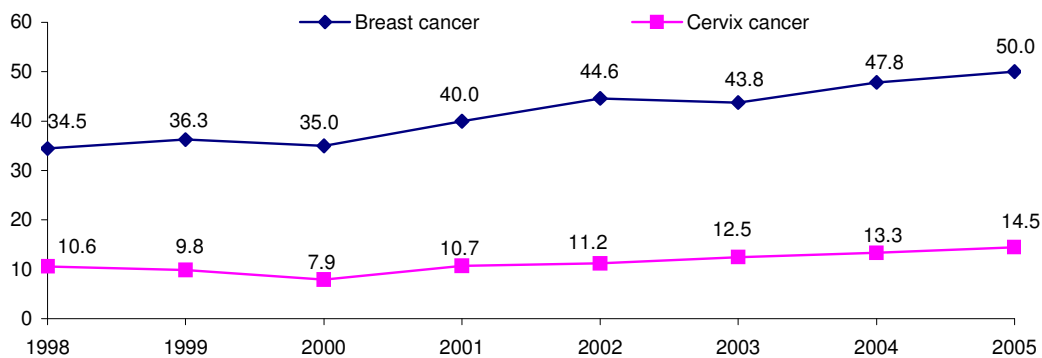


Figure 2. Malignant neoplasms of breast and cervix, incidence rate per 100,000 women, Georgia, 1998 – 2005

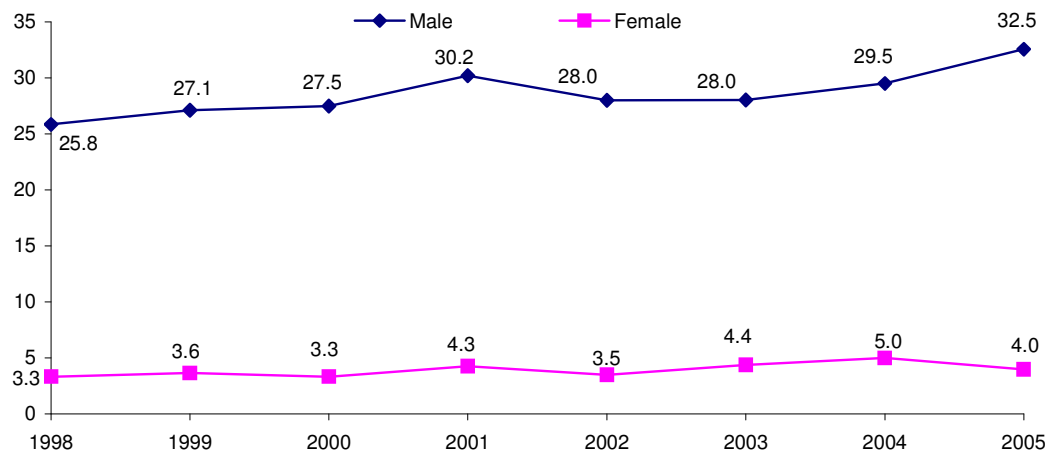


Figure 3. Malignant neoplasms of trachea, bronchus and lung, incidence rate per 100,000 population, Georgia, 1998 – 2005

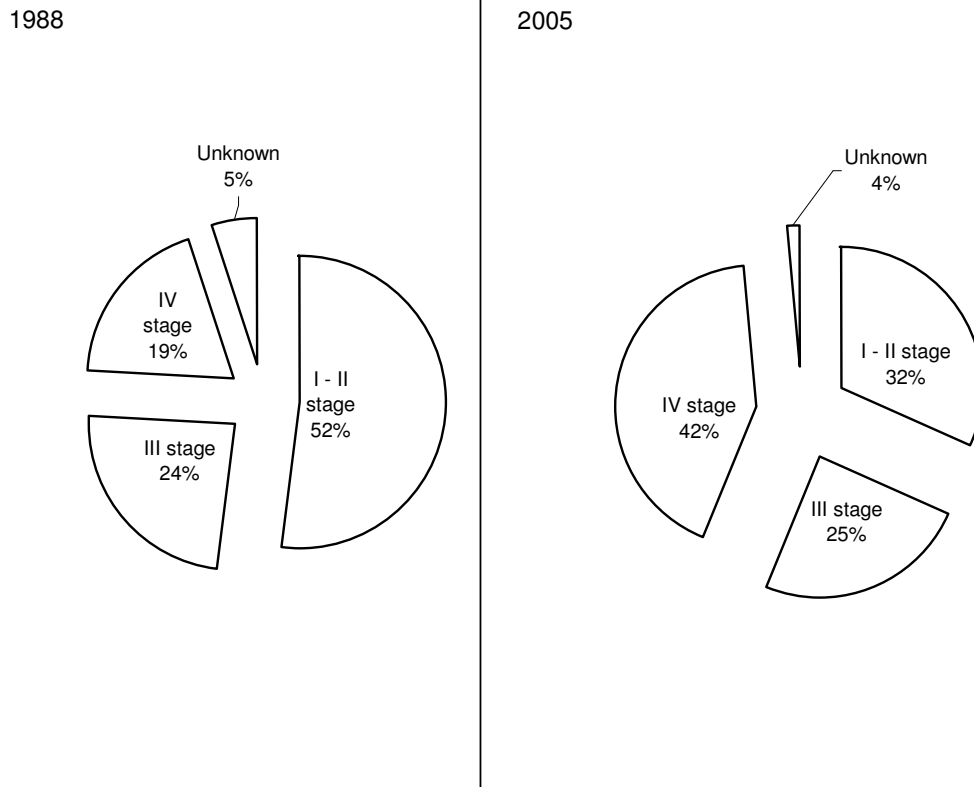


Figure 4. Distribution of new cases of malignant neoplasms by stages of the disease, Georgia, 1988 and 2005

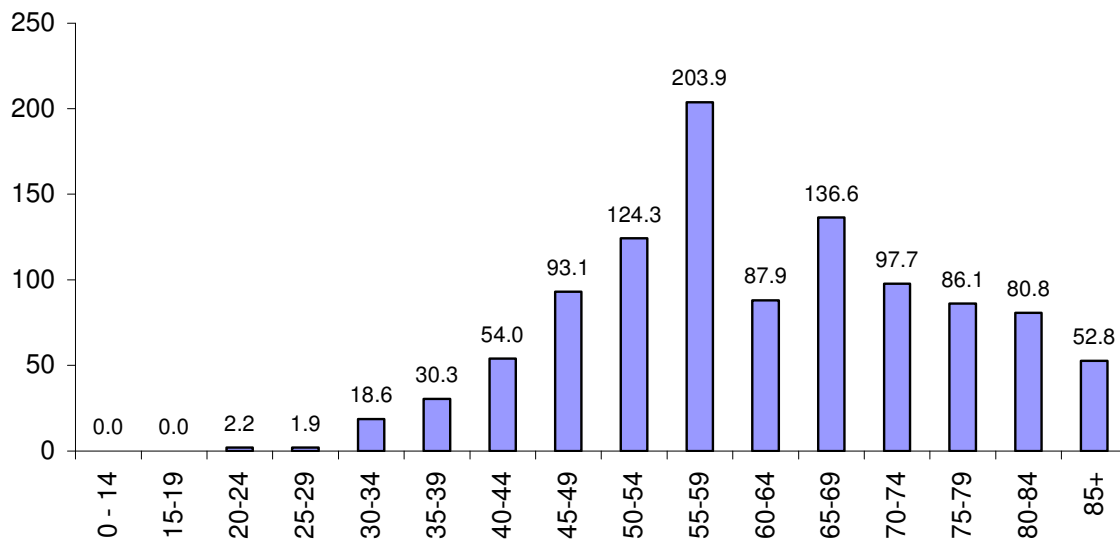


Figure 5. Age specific incidence of the breast cancer, rates per 100,000 women of the given age, Georgia, 2005

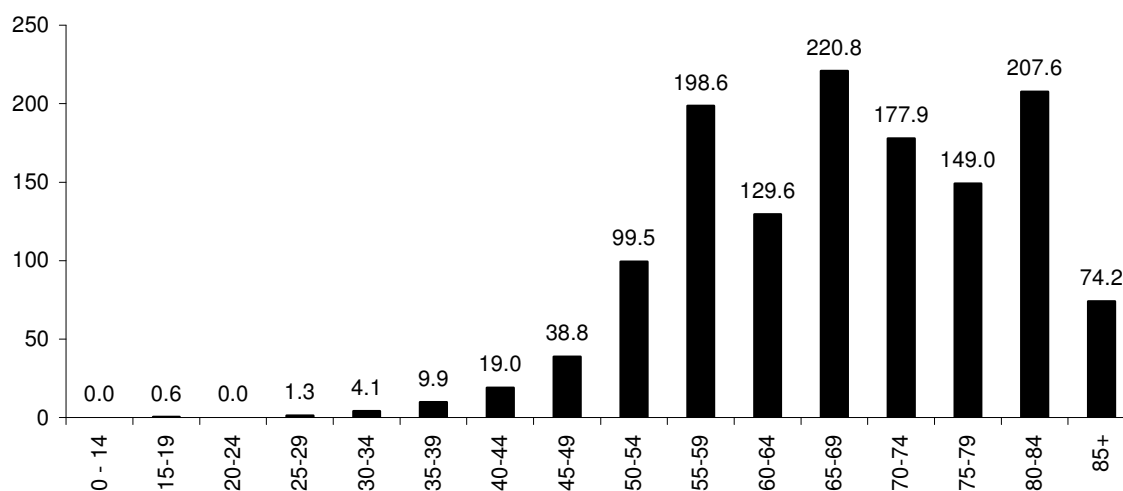


Figure 6. Age specific incidence of malignant neoplasms of respiratory organs and intrathoracic organs in males, rates per 100,000 men of the given age, Georgia, 2005

Table 1. Malignant neoplasms morbidity according to patients' sex and site of tumour, rates per 100,000 population, Georgia, 1997 – 2005

Site of the tumour and patients' sex	1997	1998	1999	2000	2001	2002	2003	2004	2005
General prevalence rate	537.2	552.6	555.1	559.5	590.5	603.3	637.8	660.0	668.9
Incidence rate	94.8	101.6	98.6	96.9	113.0	122.0	121.3	131.0	138.3
	Including:								
Male	91.7	102.1	99.2	100.0	114.1	119.7	120.9	127.4	134.5
Female	97.5	101.3	98.0	94.1	112.1	124.0	121.7	134.3	141.6
Oesophagus	0.9	1.0	0.9	1.0	1.0	1.6	0.9	1.7	1.0
Female	0.2	0.5	0.2	0.3	0.4	0.4	0.4	0.6	0.5
Stomach									
Male	6.1	6.1	5.6	6.0	6.9	11.7	7.5	11.2	11.3
Female	3.3	3.0	3.9	3.5	4.4	6.5	5.4	6.2	5.6
Colon									
Male	3.7	3.4	4.4	3.9	4.9	4.9	6.0	6.6	7.1
Female	2.6	3.6	3.2	2.9	4.2	4.5	4.0	6.0	5.6
Throat									
Male	7.0	7.4	8.1	7.5	9.0	9.5	9.6	9.7	10.5
Female	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.6	0.2
Trachea, bronchus, lung									
Male	22.7	25.8	27.1	27.5	30.2	28.0	28.0	29.5	32.5
Female	3.2	3.3	3.6	3.3	4.3	3.5	4.4	5.0	4.0
Breast									
Female	33.1	34.5	36.3	35.0	40.0	44.6	43.8	47.8	49.4
Cervix									
Female	9.3	10.6	9.8	7.9	10.7	11.2	12.5	13.3	14.5
Prostate									
Male	4.0	5.1	4.3	5.5	6.3	7.3	8.1	7.8	9.1
Lymphoid, haematopoietic and related tissue									
Male	7.8	6.3	5.4	4.9	6.0	6.6	5.4	7.1	6.8
Female	6.4	4.4	3.7	3.0	3.8	4.6	3.8	4.3	5.8

Table 2.

Distribution of new cases of malignant neoplasms by patients' sex and site of tumor, Georgia, 2004 - 2005

Site of the tumour	2004				2005			
	Female		Male		Female		Male	
	Number of cases	Percent from the total number	Number of cases	Percent from the total number	Number of cases	Percent from the total number	Number of cases	Percent from the total number
All sites	3100	100	2626	100	3271	100	2774	100
	Including:							
Lip, oral cavity and pharynx	30	1.0	130	5.0	50	1.5	131	4.7
Digestive system	525	16.9	681	25.9	507	15.5	698	25.2
Respiratory and intrathoracic organs	134	4.3	831	31.6	107	3.3	902	32.5
Bone and articular cartilage	30	1.0	57	2.2	33	1.0	40	1.4
Melanoma and other malignant neoplasms of skin	130	4.2	128	4.9	136	4.2	141	5.1
Mesothelial and soft tissue	38	1.2	35	1.3	36	1.1	35	1.3
Breast	1104	35.6	12	0.5	1141	34.9	15	0.5
Genital organs	763	24.6	233	8.9	856	26.2	268	9.7
Urinary tract	56	1.8	205	7.8	64	2.0	215	7.8
Eye, brain and other parts of central nervous system	68	2.2	68	2.6	86	2.6	83	3.0
Thyroid and other endocrine glands	60	1.9	15	0.6	43	1.3	19	0.7
Lymphoid, haematopoietic and related tissue	99	3.2	147	5.6	134	4.1	141	5.1
Ill defined, secondary and unspecified sites	63	2.0	84	3.2	78	2.4	86	3.1

Table 3.

Malignant neoplasms morbidity, rates per 100,000 population, Georgia, 2005

	New cases				Registered cases by the end of the year			
	Total number all ages	Incidence rate	Total number in children	Incidence rate	Total number all ages	Prevalence rate	Total number in children	Prevalence rate
Abkhazia	182	--	1	-	229	--	1	-
Ajara	600	159.6	1	1.1	3505	932.1	34	37.6
Tbilisi	1592	147.2	2	0.9	6590	609.2	7	3.3
Kakheti	507	124.5	4	4.7	3723	914.3	12	14.1
Imereti	1012	144.6	7	5.1	4743	677.9	9	6.6
Samegrelo and Zemo Svaneti	592	127.0	2	2.1	2256	484.0	7	7.5
Shida Kartli	438	139.5	5	7.3	3134	998.0	22	32.1
Kvemo Kartli	484	97.3	3	2.5	1953	392.5	9	7.5
Guria	198	138.1	1	3.5	1011	705.2	9	31.9
Samtskhe - Javakheti	194	93.5	1	2.0	1023	492.8	6	12.2
Mtskheta - Mtianeti	157	125.2	0	0.0	779	621.0	2	7.7
Racha - Lechkhumi and Kvemo Svaneti	89	174.6	2	23.9	295	578.8	2	23.9
Georgia	6045	138.3	29	3.2	29241	668.9	120	13.1

Table 4.

Patient with malignant neoplasm died in the first year after the setting of the diagnose, Georgia, 1998 - 2005

	Total number of new cases	Out of them died	
		Total number of deaths	Percentage from the total number of new cases
1998	4572	1711	37.4
1999	4406	1666	37.8
2000	4292	1679	39.1
2001	4974	1958	39.4
2002	5332	2209	41.4
2003	5251	2125	40.5
2004	5726	2177	38.0
2005	6045	2068	34.2

Table 5.

Distribution of the patients with enrollment 5 and more years by the site of the tumour, Georgia, 2003 - 2005

Site of the tumour	Total number of registered cases by the end of the year	2003 Number of patients with enrollment 5+ years		Total number of registered cases by the end of the year	2004 Number of patients with enrollment 5+ years		Total number of registered cases by the end of the year	2005 Number of patients with enrollment 5+ years	
		Total number	Percentage from the total number of registered cases		Total number	Percentage from the total number of registered cases		Total number	Percentage from the total number of registered cases
All sites	27610	12008	43.5	28853	12458	43.2	29241	13824	47.3
			Including:						
Lip, oral cavity and pharynx	1271	722	6.0	1246	624	5.0	1226	696	56.8
Digestive system	2726	693	5.8	2935	714	5.7	2879	821	28.5
Respiratory and intrathoracic organs	2674	758	6.3	2814	880	7.1	2851	1035	36.3
Bone and articular cartilage	384	132	1.1	416	146	1.2	390	163	41.8
Melanoma and other malignant neoplasms of skin	3806	2071	17.2	3781	2077	16.7	3623	2206	60.9
Mesothelial and soft tissue	326	116	1.0	354	126	1.0	363	129	35.5
Breast	7614	3895	32.4	7892	4036	32.4	8174	4479	54.8
Females genital organs	4784	2250	18.7	5033	2357	18.9	5161	2505	48.5
Males genital organs	919	363	3.0	980	394	3.2	1049	454	43.3
Urinary tract	923	268	2.2	1015	300	2.4	1081	424	39.2
Eye, brain and other parts of central nervous system	365	64	0.5	411	71	0.6	418	87	20.8
Thyroid and other endocrine glands	230	82	0.7	267	105	0.8	292	122	41.8
Lymphoid, haematopoietic and related tissue	1380	574	4.8	1476	595	4.8	1520	650	42.8
Ill defined, secondary and unspecified sites	208	20	0.2	233	33	0.3	214	53	24.8

Table 6.

Information about types a treatment of malignant neoplasms, Georgia, 2005

Number of the registered patients with II clinical group	3076
The course of treatment completed	2388
Including the following methods of the treatment:	
Surgical	708
Radiation	218
Chemical	142
Combination	1206

Table 7.

Neoplasms morbidity, rates per 100,000 population, Georgia, 2000 - 2005

	2000	2001	2002	2003	2004	2005
Number of registered cases	30452	34124	36686	37852	40902	43338
Prevalence rate	686.6	775.3	839.2	874.4	935.6	991.4
Number of new cases	5658	6927	7092	7117	8347	8364
Incidence rate	127.6	157.4	162.2	164.4	190.9	191.3

Table 8.

**Neoplasms hospitalization level and cases fatality rate
by regions, Georgia, 2004 - 2005**

	2004				2005			
	Number of hospital discharges	Number of hospitalizations per 100,000 population	Number of hospital deaths	Case fatality rate (%)	Number of hospital discharges	Number of hospitalizations per 100,000 population	Number of hospital deaths	Case fatality rate (%)
Abkhazia	364	-	0	0	223	-	0	0
Ajara	330	87.8	4	1.2	400	106.4	3	0.7
Tbilisi	7263	671.5	172	2.3	7363	680.7	199	2.6
Kakheti	83	20.4	7	7.8	81	19.9	7	7.9
Imereti	640	91.5	11	1.7	793	113.3	10	1.2
Samegrelo and Zemo Svaneti	61	13.1	1	1.6	39	8.4	3	7.1
Shida Kartli	27	8.6	1	3.6	40	12.7	3	7.0
Kvemo Kartli	179	36	10	5.3	105	21.1	7	6.2
Guria	25	17.4	0	0	19	13.3	0	0
Samtskhe – Javakheti	5	2.4	0	0	5	2.4	0	0
Mtskheta – Mtianeti	0	0	0	0	0	0	2	100.0
Racha - Lechkhumi	3	5.9	0	0	0	0	0	0
Departments other than the MOLHSA	211	-	5	2.4	55	-	0	0
Georgia	9191	210.2	211	2.2	9123	208.7	234	2.5

Table 9.

**Neoplasms hospitalization level and cases fatality rate
in children by regions, Georgia, 2004 - 2005**

	2004				2005			
	Number of hospital discharges	Number of hospitalizations per 100,000 population	Number of hospital deaths	Case fatality rate (%)	Number of hospital discharges	Number of hospitalizations per 100,000 population	Number of hospital deaths	Case fatality rate (%)
Ajara	7	7.7	0	0	16	17.7	0	0.0
Tbilisi	642	304.9	10	1.5	647	307.3	8	1.2
Kakheti	0	0	0	0	1	1.2	0	0.0
Imereti	0	0	0	0	1	0.7	1	100.0
Samegrelo and Zemo Svaneti	0	0	0	0	3	3.2	0	0.0
Shida Kartli	0	0	0	0	1	1.5	0	0.0
Kvemo Kartli	0	0	0	0	0	0	0	0.0
Guria	1	3.5	0	0	0	0	0	0.0
Samtskhe – Javakheti	0	0	0	0	0	0	0	0.0
Mtskheta – Mtianeti	0	0	0	0	0	0	0	0.0
Racha - Lechkhumi	0	0	0	0	0	0	0	0.0
Georgia	650	71	10	1.5	668	72.9	9	1.4

Diseases of the Blood and Blood-forming Organs

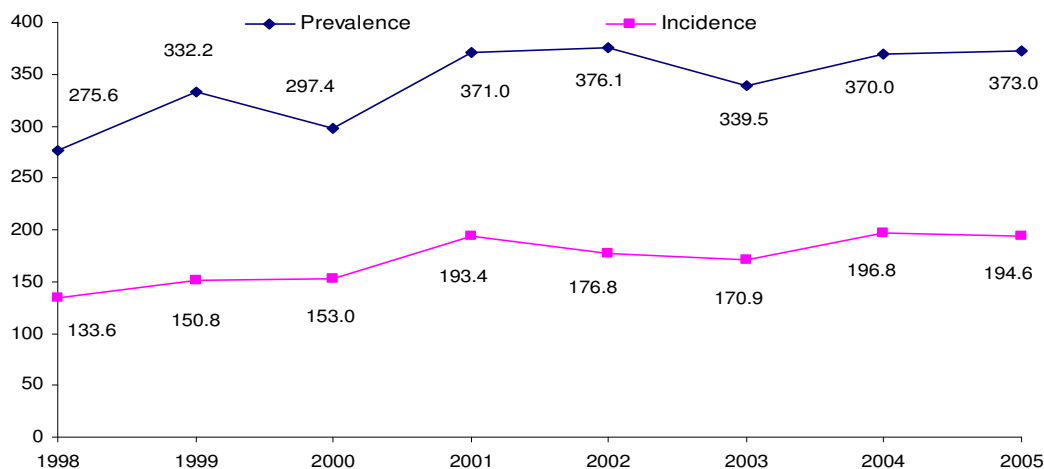


Figure 1. Incidence and prevalence of the diseases of the blood and blood-forming organs, rates per 100,000 population, Georgia, 1998 – 2005

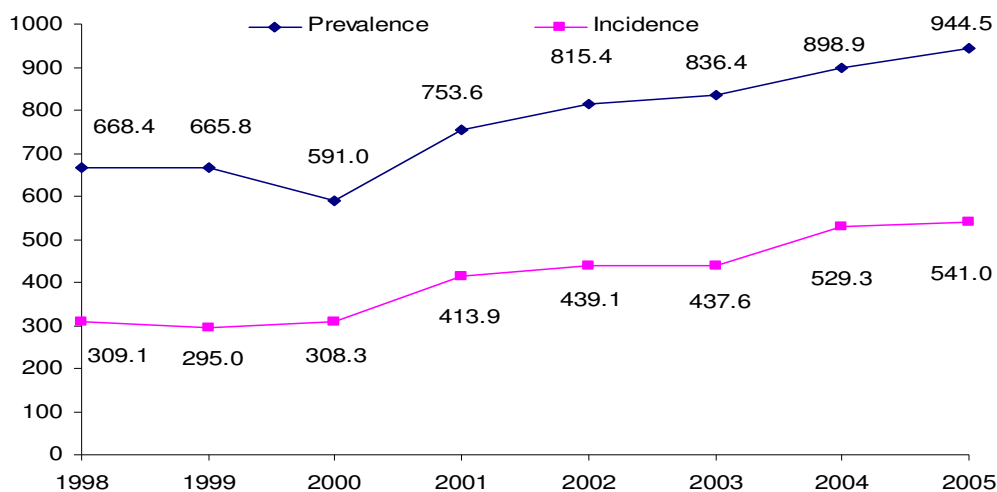


Figure 2. Incidence and prevalence of the diseases of the blood and blood-forming organs in children, rates per 100,000 children, Georgia, 1998 – 2005

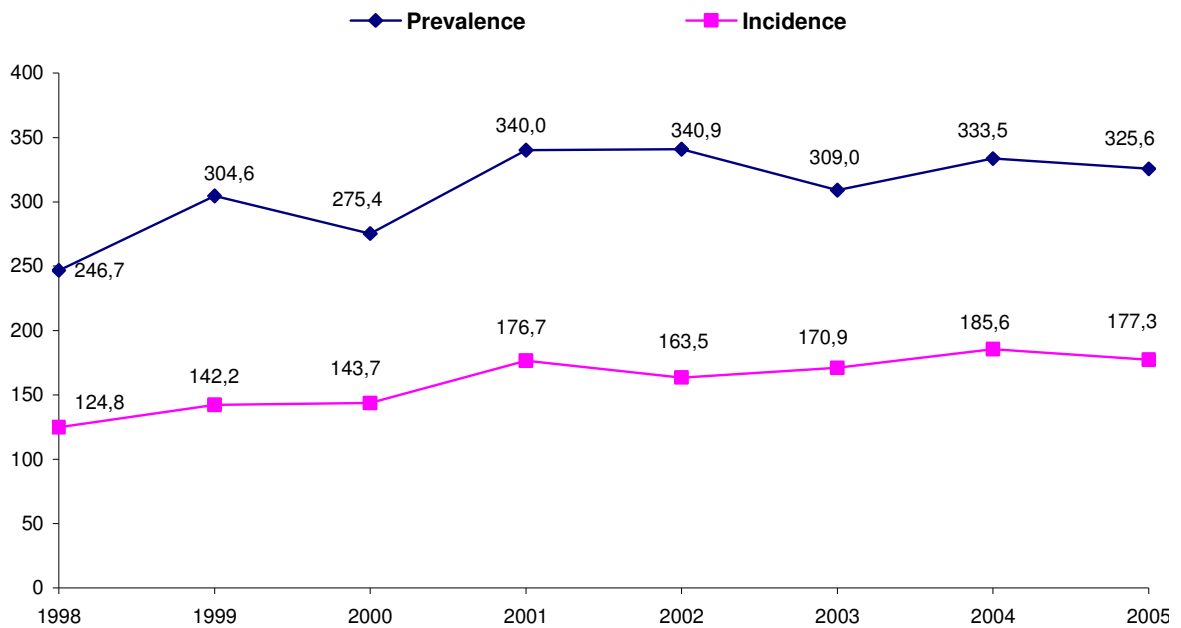


Figure 3. Anaemia, rates per 100,000 population, Georgia, 1998 – 2005

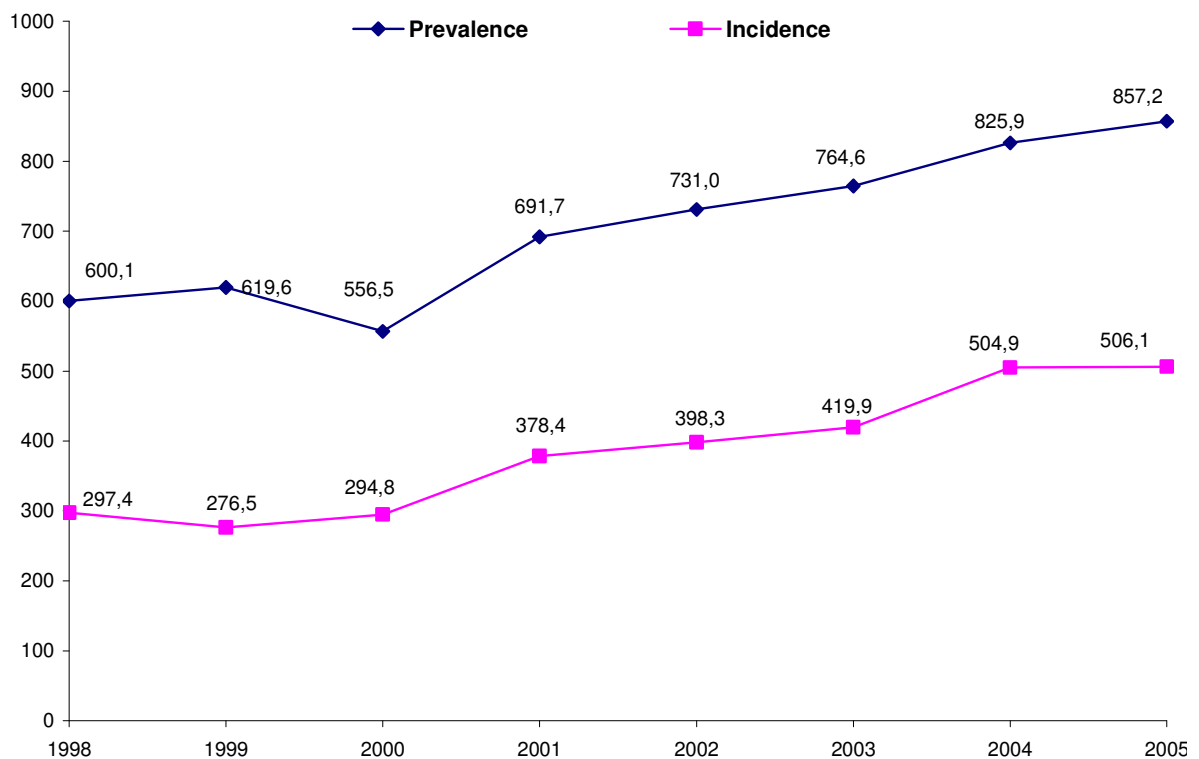


Figure 4. Anaemia in children, rates per 100,000 children, Georgia, 1998 – 2005

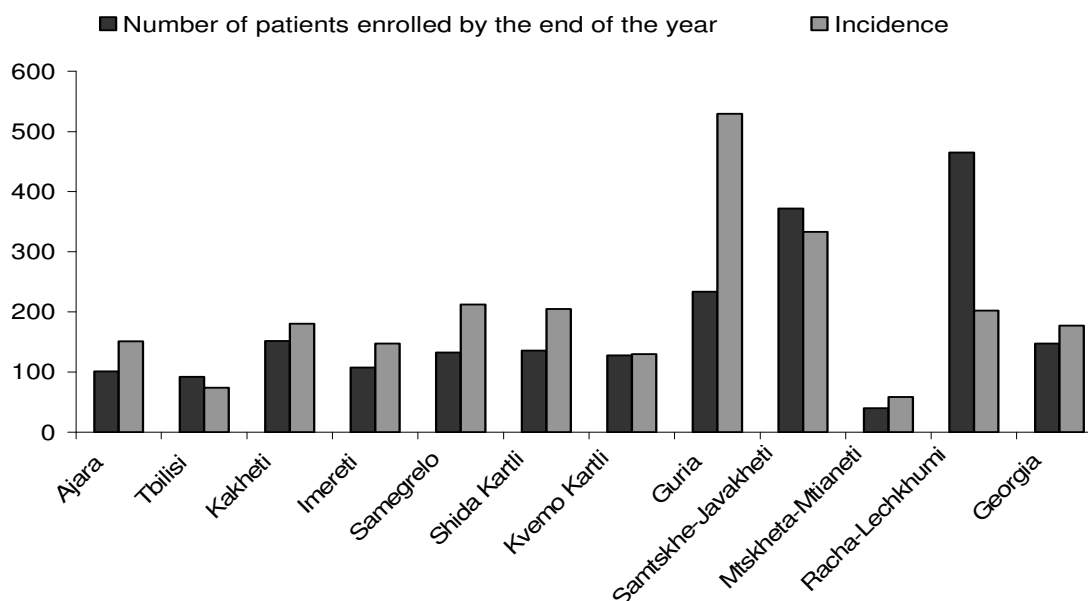


Figure 5. Anaemia morbidity according to the regions, rates per 100,000 population, Georgia, 2005

Table 1.

Incidence and prevalence of diseases of the blood and blood-forming organs, Georgia, 1998 - 2005

	1998	1999	2000	2001	2002	2003	2004	2005
Total number of registered cases	12,416	14,850	13,189	16,330	16,442	14,695	16,175	16,305
<i>Prevalence rate per 100,000 population</i>	275.6	332.2	297.4	371.0	376.1	339.5	370.0	373.0
Total number of new cases	6,017	6,740	6,784	8,511	7,730	7,400	8,605	8,505
<i>Incidence rate per 100,000 population</i>	133.6	150.8	153.0	193.4	176.8	170.9	196.8	194.6

Table 2.

Incidence and prevalence of diseases of the blood and blood-forming organs in children, Georgia, 1998 - 2005

	1998	1999	2000	2001	2002	2003	2004	2005
Total number of registered cases	6,596	6,426	5,576	6,966	7,469	7,072	8,233	8,651
<i>Prevalence rate per 100,000 children</i>	668.4	665.8	591.0	753.6	815.4	836.4	898.9	944.5
Total number of new cases	3,050	2,847	2,909	3,826	4,022	3,700	4,848	4,955
<i>Incidence rate per 100,000 children</i>	309.1	295.0	308.3	413.9	439.1	437.6	529.3	541.0

Table 3.

Incidence and prevalence of diseases of the blood and blood-forming organs according to the regions, Georgia, 2004 - 2005

	2004				2005			
	Prevalence rate per 100,000 population		Incidence rate per 100,000 population		Prevalence rate per 100,000 population		Incidence rate per 100,000 population	
	All ages	In children	All ages	In children	All ages	In children	All ages	In children
Ajara	279.8	781.4	184.8	560.1	287.8	800.2	154.5	456.0
Tbilisi	190.5	298.3	84.5	99.3	184.3	374.8	85.4	177.2
Kakheti	375.5	847.7	188.4	535.2	389.3	857.1	189.1	499.9
Imereti	304.7	1,003.4	163.5	558.4	301.6	1,007.1	162.9	571.6
Samegrelo	456.1	895.5	267.3	575.5	394.8	905.1	216.7	565.8
Shida Kartli	359.5	972.6	236.6	693.7	339.8	847.0	216.5	573.9
Kvemo Kartli	292.0	733.2	143.7	431.3	319.4	838.5	146.7	459.5
Guria	810.6	2,243.9	529.4	1,557.3	855.9	2,449.2	583.2	1720.1
Samtskhe-Javakheti	465.8	1,023.4	228.3	445.6	574.7	1,121.1	343.5	647.0
Mtskheta-Mtianeti	110.0	292.9	52.6	185.0	133.9	385.4	78.1	250.5
Racha-Lechkhumi and Kvemo Svaneti	755.4	1,387.9	198.2	406.8	1,047.7	1,447.7	294.3	538.4
Georgia	370.0	898.9	196.8	529.3	373.0	944.5	194.6	541.0

Table 4.

Diseases of the blood and blood-forming organs, hospital discharges, Georgia, 2005

	Total number of hospital discharges		Case fatality rate (%)	
	All ages	In children	All ages	In children
Ajara	169	45	1.2	0
Tbilisi	393	237	3.6	1.3
Kakheti	7	1	0	0
Imereti	88	49	2.3	2.0
Samegrelo	117	17	0	0
Shida Kartli	17	11	0	0
Kvemo Kartli	8	1	0	0
Guria	9	4	0	0
Samtskhe-Javakheti	8	2	0	0
Mtskheta-Mtianeti	0	0	0	0
Racha-Lechkhumi	3	1	0	0
Departments other than the MOLHSA	2	0	0	0
Georgia	821	368	2.2	1.1

Table 5.

Incidence and prevalence of anaemia, rates per 100,000 population, Georgia, 1998 - 2005

	1998	1999	2000	2001	2002	2003	2004	2005
Total number of registered cases	11,113	13,617	12,215	14,964	14,904	13,378	14,578	14,236
<i>Prevalence rate per 100,000 population</i>	<i>246.7</i>	<i>304.6</i>	<i>275.4</i>	<i>340.0</i>	<i>340.9</i>	<i>309.0</i>	<i>333.5</i>	<i>325.6</i>
Total number of new cases	5,622	6,354	6,373	7,778	7,146	7,400	8,115	7,751
<i>Incidence rate per 100,000 population</i>	<i>124.8</i>	<i>142.2</i>	<i>143.7</i>	<i>176.7</i>	<i>163.5</i>	<i>170.9</i>	<i>185.6</i>	<i>177.3</i>

Table 6.

Incidence and prevalence of anaemia in children, rates per 100,000 population, Georgia, 1998 - 2005

	1998	1999	2000	2001	2002	2003	2004	2005
Total number of registered cases	5,922	5,980	5,251	6,394	6,696	6,465	7,665	7,851
<i>Prevalence rate per 100,000 children</i>	<i>600.1</i>	<i>619.6</i>	<i>556.5</i>	<i>691.7</i>	<i>731.0</i>	<i>764.6</i>	<i>825.9</i>	<i>857.2</i>
Total number of new cases	2,935	2,669	2,781	3,498	3,648	3,550	4,626	4,636
<i>Incidence rate per 100,000 children</i>	<i>297.4</i>	<i>276.5</i>	<i>294.8</i>	<i>378.4</i>	<i>398.3</i>	<i>419.9</i>	<i>504.9</i>	<i>506.1</i>

Table 7.

Incidence and prevalence of anaemia according to the regions, rates per 100,000 population, Georgia, 2004 - 2005

	2004				2005			
	Patients enrolled by the end of the year		New cases**		Patients enrolled by the end of the year*		New cases**	
	All ages	Rate per 100,000 population	All ages	Rate per 100,000 population	All ages	Rate per 100,000 population	All ages	Rate per 100,000 population
Abkhazia	692	--	896	--	630	--	716	--
Ajara	442	117.5	648	172.3	379	100.8	567	150.8
Tbilisi	992	91.7	901	83.3	993	91.8	799	73.9
Kakheti	684	168.0	726	178.3	616	151.3	734	180.3
Imereti	798	114.1	1031	147.4	752	107.5	1032	147.5
Samegrelo	797	171.0	1227	263.2	617	132.4	990	212.4
Shida Kartli	357	113.7	698	222.3	426	135.7	642	204.4
Kvemo Kartli	609	122.4	642	129.0	635	127.6	645	129.6
Guria	339	236.5	700	488.3	335	233.7	759	529.4
Samtskhe-Javakheti	430	207.1	442	212.9	772	371.9	691	332.9
Mtskheta-Mtianeti	56	44.6	57	45.4	50	39.9	73	58.2
Racha-Lechkhumi and Kvemo Svaneti	233	457.1	101	198.2	237	465.0	103	202.1
Departments other than the MOLHSA	37	--	46	--	0	--	0	--
Georgia	6466	147.9	8115	185.6	6442	147.4	7751	177.3

Table 8.

Distribution of the cases of anaemia by types of anaemia, Tbilisi 2004 - 2005

Type of anaemia	2004		2005	
	Patients enrolled by the end of the year*	New cases**	Patients enrolled by the end of the year*	New cases**
All cases	971	763	979	790
Iron deficiency anaemia	825	728	816	736
Vitamin B ₁₂ deficiency anaemia	20	10	20	10
Folate deficiency anaemia	13	2	13	3
Other nutritional anaemia	42	7	54	29
Anaemia due to enzyme disorders	20	2	20	2
Thalassaemia	3	3	2	1
Other hereditary anaemia	16	1	16	1
Acquired haemolytic anaemia	13	2	14	1
Other aplastic anaemia	2	0	2	0
Acute posthaemorrhagic anaemia	4	4	6	5
Other anaemia	13	4	16	3

Table 9.

Distribution of the cases of anaemia in children by types of anaemia, Tbilisi 2004 - 2005

Type of anaemia	2004		2005	
	Patients enrolled by the end of the year*	New cases**	Patients enrolled by the end of the year*	New cases**
All cases	334	206	340	321
Iron deficiency anaemia	266	191	259	267
Vitamin B ₁₂ deficiency anaemia	5	2	5	1
Folate deficiency anaemia	5	0	5	3
Other nutritional anaemia	35	6	47	25
Anaemia due to enzyme disorders	4	1	4	2
Thalassaemia	3	3	2	0
Other hereditary anaemia	10	1	10	1
Acquired haemolytic anaemia	2	1	3	1
Other aplastic anaemia	2	0	2	0
Acute posthaemorrhagic anaemia	0	0	0	0
Other anaemia	2	1	3	1

* Patients enrolled by the end of the year – Total number of patients being enrolled at a medical facility by the end of the year

** New cases – Total number of the new cases diagnosed during the reporting year

Endocrine, Nutritional and Metabolic Diseases

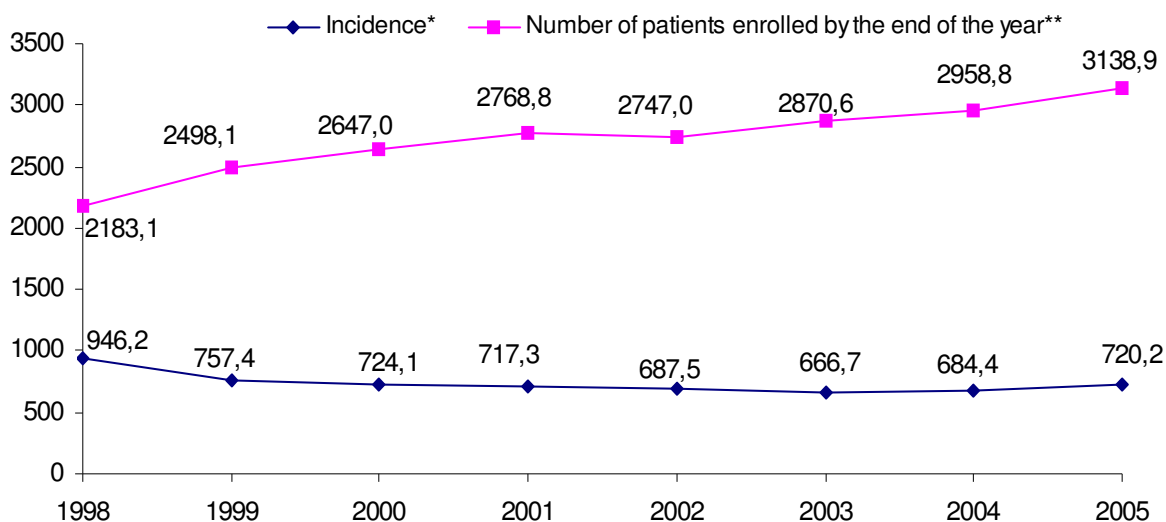


Figure 1. Endocrine, nutritional and metabolic diseases, rates per 100,000 population, Georgia, 1998 - 2005

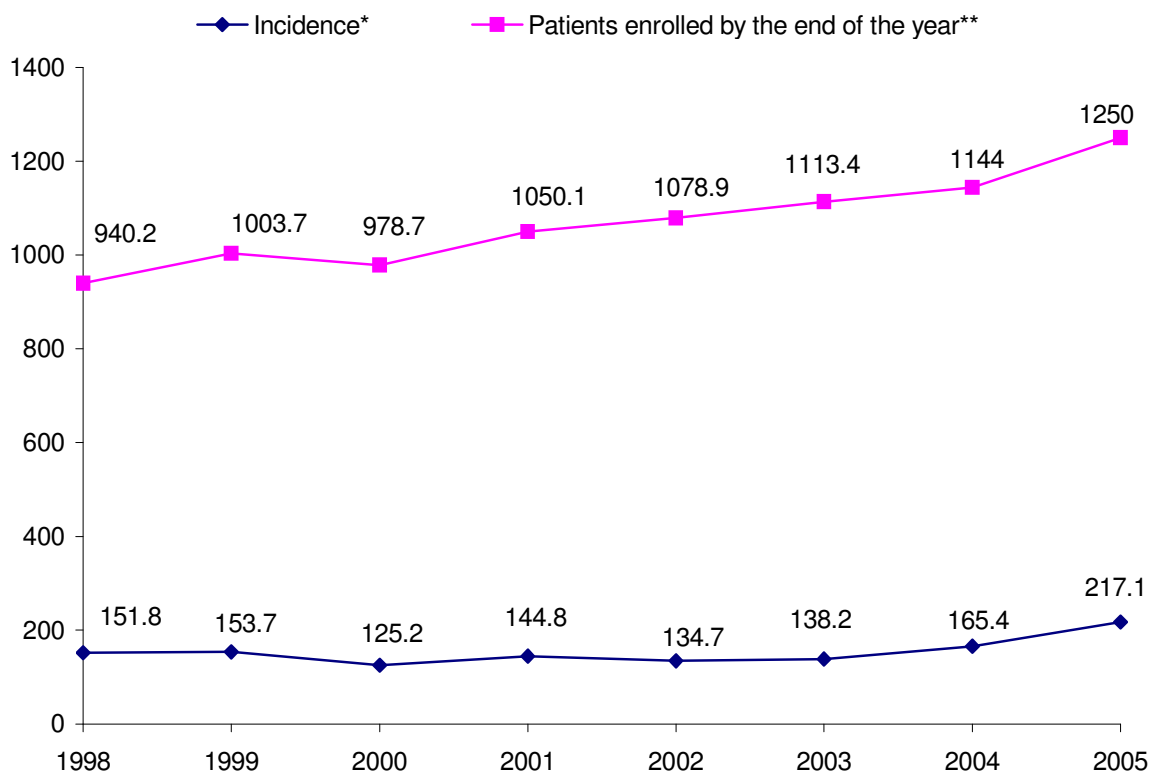


Figure 2. Diabetes mellitus morbidity, rates per 100,000 population, Georgia, 1998 – 2005

* New cases – Total number of new cases diagnosed during the reporting year

** Patients enrolled by the end of the year – Total number of patients being enrolled at a medical facility by the end of the year

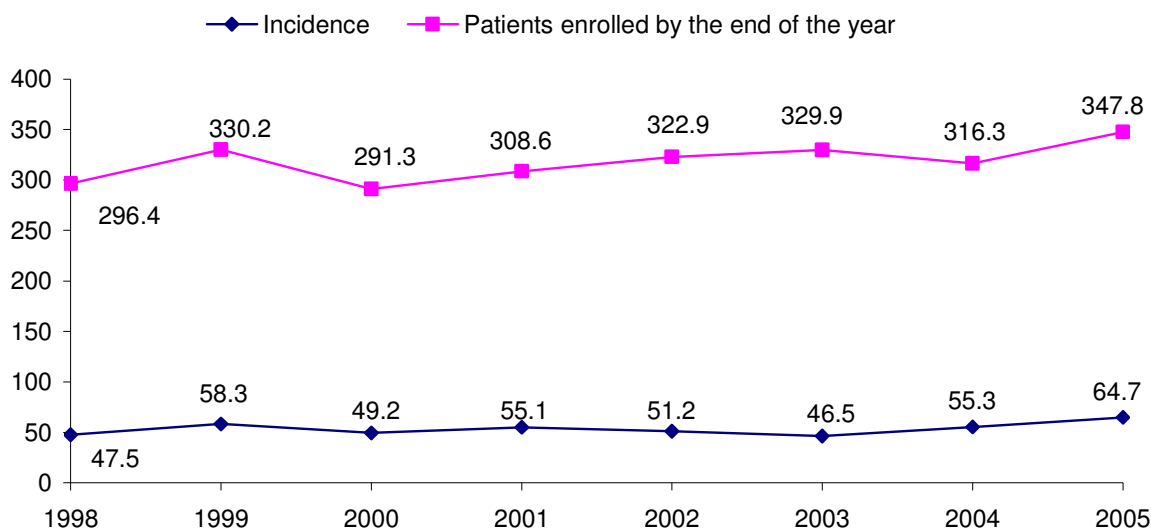


Figure 3. Insulin dependent diabetes mellitus morbidity, rates per 100,000 population, Georgia, 1998 – 2005

Table 1.

Endocrine, nutritional and metabolic diseases, Georgia, 2005

	Number of patients enrolled by the end of the year				New cases			
	All ages		In children		All ages		In children	
	Total number	Rate per 100,000 population	Total number	Rate per 100,000 children	Total number	Rate per 100,000 population	Total number	Rate per 100,000 children
All diseases	137,216	3,138.9	23,716	2,589.2	31,483	720.2	7,906	863.2
	<i>Including:</i>							
Thyrotoxicosis	10,616	242.8	855	93.3	3,123	71.4	314	34.3
Nontoxic and unspecified goitre	54,488	1,246.4	19,370	2,114.8	13,603	311.2	5,604	611.8
Nontoxic multinodular goitre	7,594	173.7	697	76.1	1,529	35.0	145	3.3
Diabetes mellitus insulin independent	15,203	347.8	248	27.1	2,830	64.7	82	9.0
Diabetes mellitus insulin dependent	39,877	912.2	37	4.0	6,662	152.4	11	1.2
Obesity	2,539	58.1	424	46.3	920	21.0	245	26.7

Table 2.
Endocrine, nutritional and metabolic diseases according to the regions, Georgia, 2005

	Number of patients enrolled by the end of the year				New cases			
	All ages		In children		All ages		In children	
	Total number	Rate per 100,000 population	Total number	Rate per 100,000 children	Total number	Rate per 100,000 population	Total number	Rate per 100,000 children
Tbilisi	26,509	2,450.7	1,116	530.1	4,982	460.6	225	106.9
Ajara	8,966	2,384.5	544	602.1	2,643	702.9	273	302.2
Guria	2,910	2,029.9	202	714.9	572	399.0	130	460.1
Racha – Lechkhumi and Kvemo Svaneti	3,792	7,439.8	671	8,028.2	767	1,504.8	88	1,052.9
Samegrelo	7,943	1,704.1	928	996.4	2,089	448.2	521	559.4
Imereti	32,504	4,645.6	3,990	2,935.3	7,118	1,017.3	2,193	1,613.3
Kakheti	24,165	5,934.7	9,842	11,603.3	4,623	1,135.4	2,202	2,596.1
Mtskheta - Mtianeti	4,698	3,745.1	315	1,214.1	1,047	834.6	201	774.7
Samtskhe - Javakheti	4,697	2,262.5	626	1,273.7	1,523	733.6	266	541.2
Kvemo Kartli	6,831	1,373.0	629	521.7	1,802	362.2	404	335.1
Shida Kartli	10,901	3,471.2	4,715	6,885.4	2,430	773.8	1,141	1,666.2
Abkhazia	2,997	-	138	-	1,745	-	262	-
Departments other than the MOLHSA	303	-	0	-	142	-	0	-
Georgia	137,216	3,138.9	23,716	2,589.2	31,483	720.2	7,906	863.2

Table 3.
Incidence and prevalence of diabetes mellitus, Georgia, 2002 - 2005

	2002		2003		2004		2005	
	Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population
New cases								
All cases of diabetes mellitus	5,888	134.7	5,983	138.2	7,231	165.4	9,492	217.1
Including								
Insulin independent diabetes mellitus	2,236	51.2	2,013	46.5	2,418	55.3	2,830	64.7
Insulin independent diabetes mellitus	3,652	83.5	3,970	91.7	4,813	110.1	6,662	152.4
Patients enrolled by the end of the year (contingent)								
All cases of diabetes mellitus	47,164	1,078.9	48,200	1,113.4	50,010	1,144.0	55,080	1,250.0
Including								
Insulin independent diabetes mellitus	14,114	322.9	14,279	329.9	13,826	316.3	15,203	347.8
Insulin independent diabetes mellitus	33,050	756.0	33,921	783.6	36,184	827.7	39,877	912.2

Table 4.

Incidence and prevalence of diabetes mellitus in children, Georgia, 2002 - 2005

	2002		2003		2004		2005	
	Number of cases	Rate per 100,000 children	Number of cases	Rate per 100,000 children	Number of cases	Rate per 100,000 children	Number of cases	Rate per 100,000 children
New cases								
All cases of diabetes mellitus	76	8.3	40	4.7	55	6.0	93	10.1
Including								
Insulin independent diabetes mellitus	47	5.1	32	3.8	39	4.2	82	8.9
Insulin independent diabetes mellitus	29	3.2	8	0.9	16	1.7	11	1.2
Patients enrolled by the end of the year (contingent)								
All cases of diabetes mellitus	257	28.8	228	27.0	242	26.4	285	31.1
Including								
Insulin independent diabetes mellitus	208	22.7	195	23.1	202	22.0	248	27.1
Insulin independent diabetes mellitus	49	5.4	33	3.9	40	4.4	37	4.0

Table 5.

Incidence and prevalence of diabetes mellitus according to the regions, Georgia, 2005

	Contingent				New cases			
	All ages		In children		All ages		In children	
	Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 children	Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 children
Tbilisi	18,685	1,727.4	60	28.5	2,204	203.8	18	8.5
Ajara	3,668	975.5	16	17.7	1,110	295.2	14	15.5
Guria	1,302	908.2	11	38.9	201	140.2	1	3.5
Racha – Lechkhumi and Kvemo Svaneti	822	1,612.7	3	35.9	295	578.8	0	0
Samegrelo	3,189	684.2	22	23.6	534	114.6	5	5.4
Imereti	10,362	1,481.0	68	50.0	1,508	215.5	20	14.7
Kakheti	5,676	1,394.0	27	31.8	1,217	298.9	6	7.1
Mtskheta - Mtianeti	603	480.7	2	7.7	160	127.5	0	0
Samtskhe - Javakheti	1,613	777.0	25	50.9	552	265.9	20	40.7
Kvemo Kartli	3,118	626.7	22	18.3	623	125.2	6	5.0
Shida Kartli	4,487	1,428.8	22	32.1	404	128.6	1	1.5
Abkhazia	1,357	-	7	-	0	-	0	-
Departments other than the MOLHSA	198	-	0	-	71	-	0	-
Georgia	55,080	1,260.0	285	31.1	9,492	217.1	93	10.2

Table 6.

Endocrine, nutritional and metabolic diseases, hospital discharges and case fatality rates, Georgia, 2003 - 2005

	2003				2004				2005			
	In children		In children		In children		In children		In children		In children	
	Total number of hospital discharges (all ages)	Case fatality rate %	Total number of hospital discharges	Case fatality rate %	Total number of hospital discharges (all ages)	Case fatality rate %	Total number of hospital discharges (all ages)	Case fatality rate %	Total number of hospital discharges (all ages)	Case fatality rate %	Total number of hospital discharges (all ages)	Case fatality rate %
All cases of endocrine diseases:	2921	2.2	225	0.0	3343	2.0	298	0.0	4039	1.5	324	0.3
<i>Including</i>												
Thyrotoxicosis	387	0.3	0	0.0	507	0.4	1	0.0	560	0.2	6	0.0
Diabetes mellitus	1,933	2.4	168	0.0	2,248	1.5	172	0.0	2,660	1.7	217	0.0
Obesity	22	0	3	0.0	37	0.0	0	0.0	14	0	0	0.0

Table 7.

Hospital beds specialized for endocrine diseases treatment, performance indicators, Georgia, 2005*

	Total number of beds	Occupancy rate (days)	Average length of stay	Bed rotation rate
Tbilisi	165	40.5	4.3	9.3
Ajara	35	27.3	3.5	7.7
Samegrelo	5	54.0	3.2	16.8
Georgia	205	77.1	4.2	9.2

Table 8.

Thyroid gland screening, Georgia, 2003 - 2005

	2003		2004		2005	
	Total number	%	Total number	%	Total number	%
Screened patients	88,696	100	64,667	100	59,442	100
Total number of thyroid gland enlargements	38,642	43.6	28,322	44.7	27,570	46.4
Treatment prescribed	28,590	74.0	20,861	72.1	21,496	78.0
			In children			
Screened patients	41,824	100	29,701	100	28,070	100
Total number of thyroid gland enlargements	16,306	39.0	12,507	42.1	12,059	42.9
Treatment prescribed	11,747	72.0	7,354	58.8	8,129	67.4

Table 9.

Distribution of the thyroid gland enlargements by the stages, Georgia, 2004 - 2005

	Number of cases	2004					Number of cases	Percentage from the total number of screened patients	2005				
		Stage							Stage				
		IA	IB	II	III	Percentage from the total number of screened patients			IA	IB	II	III	Percentage from the total number of screened patients
All ages	28,922	44.7	36.6	28.7	24.1	10.6	27,570	46.4	37.5	29.0	24.2	9.2	
In children	12,507	42.1	46.3	30.7	16.3	6.7	12,059	42.9	47.9	30.5	17.3	4.3	

Table 10.

Iodine deficiency prevention activity, number of cases, Georgia, 2001 - 2005

	2001	2002	2003	2004	2005
All ages	138,204	78,245	32,915	22,065	29,475
In children	101,576	57,353	18,577	10,447	14,146

*In other regions there are no hospital beds specialized for the endocrine diseases