



**GENERAL MEDICAL SERVICES (PAYMENTS) BOARD**

**FINANCIAL AND STATISTICAL ANALYSIS  
OF CLAIMS AND PAYMENTS - 2003**

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## **GENERAL MEDICAL SERVICES (PAYMENTS) BOARD**

The General Medical Services (Payments) Board is a body corporate with perpetual succession and a common seal constituted by Order of the Minister for Health under Section 11 of the Health Act 1970.

The Board on behalf of Health Boards performs the following functions in relation to the provision of services by General Practitioners, Pharmacists, Dentists and Optometrists/Ophthalmologists under Sections 58, 59 and 67 (i) of the Health Act 1970:

- (a) the calculation of payments to be made for such services;
- (b) the making of such payments;
- (c) the verification of the accuracy and reasonableness of claims in relation to such services;
- (d) the compilation of statistics and other information in relation to such services.

Claims by Doctors and Pharmacists under the GMS Scheme account for the largest part of the claims processing and payment functions of the Board.

The following is a brief description of the Schemes under which claims are processed for

payment:-

## **GENERAL MEDICAL SERVICES SCHEME**

Persons who are unable without undue hardship to arrange general practitioner medical and surgical services for themselves and their dependants and all persons aged 70 years and over receive a free general medical service.

A person eligible to receive free general practitioner services for him/herself and dependants registers with the Doctor of his/her choice, from among the list of named Doctors who have entered into agreements with Health Boards and who is prepared to accept the patient on to his/her panel. Except in certain circumstances, the Doctor chosen must not live more than seven miles from the person nor have already a panel of the maximum number allowed. Where an eligible person does not succeed in obtaining registration the Health Board arranges to have him/her entered on a Doctor's panel.

Drugs, medicines and appliances supplied under the Scheme are provided through community pharmacies. In most cases the Doctor gives the completed prescription form to the person, who takes it to any pharmacy that has an agreement with a Health Board to dispense GMS prescription forms. In rural areas, where a Doctor has a centre of practice

three miles or more from the nearest community pharmacy participating in the Scheme the Doctor dispenses for those persons served from that centre who opt to have their medicines dispensed by him/her. The Doctor is paid a dispensing fee for each of these persons. The medicines he/she dispenses are obtained through a stock order given to a community pharmacy participating in the Scheme, located in the Doctor's normal area of practice.

## **DRUGS PAYMENT SCHEME**

Under the Drugs Payment Scheme persons who are ordinarily resident in the State and who do not have a current medical card can benefit – an individual or family has now to pay no more than €70 in a calendar month for approved drugs, medicines and appliances for themselves or their families. In order to benefit under this Scheme a person must register themselves and their dependants with their local Health Board; each registered person is provided with a DPS Card which bears a family identification number. It also shows each eligible persons name, PPS number, date of birth and gender code – there are up to 1.319m DPS cards currently in use. Items currently reimbursable under the Drugs Payment Scheme are those listed in the GMS Code Book. Other items which were reimbursable under the DCS and Refund of

Drugs Schemes continue, in certain circumstances, to be reimbursable under the Drugs Payment Scheme. DPS claims are processed and paid by the Board.

### **LONG TERM ILLNESS SCHEME**

On approval by Health Boards persons who suffer from one or more of a schedule of illnesses are entitled to obtain, without charge, irrespective of income, necessary drugs/medicines and/or appliances under the LTI Scheme. All LTI claims are processed and paid by the Board.

### **EUROPEAN ECONOMIC AREA**

Residents from one of the other States of the European Economic Area, with established eligibility, who require emergency general practitioner services while on a temporary visit to the State are entitled to receive from a General Practitioner a GMS prescription form for necessary medication and to have such medication dispensed in a pharmacy that has entered into an agreement with a Health Board within the State - pharmacies submit such forms, completed as necessary, to the Board for payment. Students, posted workers and their dependants are entitled to full services on presentation of a valid Form E128.

### **DENTAL TREATMENT SERVICES SCHEME**

Under the Dental Treatment Services Scheme GMS eligible adults have access to a range of treatments and clinical procedures comprised of Routine Treatments and Full Upper and Lower Dentures. Routine Treatments are now available for all eligible persons. Dentists may also prescribe a range of medicines to eligible persons. All claims under the DTSS are processed and paid by the Board.

### **HEALTH (AMENDMENT) ACT, 1996**

Under the Health (Amendment) Act, 1996 certain health services are made available without charge to persons who have contracted Hepatitis C directly or indirectly from the use of Human Immunoglobulin - Anti D or the receipt within the state of another blood product or blood transfusion. General Practitioner services, pharmaceutical services, dental services and optometric/ophthalmic services provided under the Act are paid for by the Board.

### **HIGH TECH MEDICINES SCHEME**

Arrangements are in place for the supply and dispensing of High Tech medicines through community pharmacies. Such medicines are generally only prescribed or initiated in

hospital and would include items such as anti-rejection drugs for transplant patients or medicines used in conjunction with chemotherapy or growth hormones. The medicines are purchased by the Health Boards and supplied through community pharmacies for which Pharmacists are paid a patient care fee: the cost of the medicines and patient care fees are paid by the Board.

### **NATIONAL PRIMARY CHILDHOOD IMMUNISATION SCHEME**

A National Primary Childhood Immunisation Scheme provides for immunisation of the total child population with the aim of eliminating, as far as possible, such conditions as Diphtheria, Polio, Measles, Mumps and Rubella and more recently Meningococcal C Meningitis. Payments under this Scheme to Doctors in the Midland, Mid-Western, Southern and Western Health Boards are made by the Board.

### **METHADONE TREATMENT SCHEME**

Methadone is prescribed and dispensed by Doctors and Pharmacists for approved clients under the Methadone Treatment Scheme - capitation fees under this Scheme to participating Doctors and Community Pharmacists and claims by pharmacies for the ingredient cost of the Methadone dispensed

and the associated dispensing fees are processed and paid by the Board. The Scheme replaced in October 1998 the Methadone Pilot Project which was initiated in March 1996.

### **EMERGENCY SUPPLY OF MEDICINES ON HOSPITAL PRESCRIPTIONS**

In July 1996 arrangements were made with community pharmacies for the dispensing of an emergency supply of an urgently required medicine prescribed for a GMS eligible person on discharge from a general hospital in circumstances where the patient could not without undue hardship attend his/her own GP to have the hospital prescription transcribed onto a GMS form.

### **HEALTH BOARD COMMUNITY OPHTHALMIC SERVICES SCHEME**

The Health Board Community Ophthalmic Services Scheme (HBCOSS) was launched on 1<sup>st</sup> July 1999 to provide optometric/ophthalmic services to adult medical card holders and their dependants not entitled to benefit under the DSCFA Benefit Treatment Scheme. Under the HBCOSS eligible persons have access to free

eye examinations and necessary spectacles/appliances. Payments in respect of spectacles provided under the childrens Scheme are also made by the Board.

### **IMMUNISATIONS FOR CERTAIN GMS ELIGIBLE PERSONS**

Agreement was reached between the Department of Health & Children and the Irish Medical Organisation on fee rates to be applied to certain immunisations for GMS eligible persons. The immunisations encompassed by the agreement are:- Pneumococcal, Influenza, Hepatitis B and the combined Pneumococcal/Influenza. The Board facilitated claiming for any of these immunisations by extending the range of codes for 'Special Items of Service'

**Table 1 GMS: Summary of Statistical Information for each of the Five Years 1999 - 2003**

Year ended December:-	2003	2002	2001	2000	1999	Year ended December:-	2003	2002	2001	2000	1999
Number of Eligible Persons in December	1,158,143	1,168,745	1,199,454	1,148,055	1,164,187	Number of Doctor Contracts	2,181	2,134	1,863	1,798	1,679
						Number of Pharmacist Contracts	1,292	1,249	1,203	1,180	1,174
<b>DOCTORS</b>	(000's)	(000's)	(000's)	(000's)	(000's)		(000's)	(000's)	(000's)	(000's)	(000's)
<b>Total Payments</b>	<b>€286,830</b>	<b>€271,939</b>	<b>€203,863</b>	<b>€165,975</b>	<b>€151,292</b>	<b>Total Cost of Stock Orders</b>	<b>€14,096</b>	<b>€13,018</b>	<b>€11,555</b>	<b>€10,455</b>	<b>€9,452</b>
						Ingredient Cost	€10,904	€10,059	€8,945	€8,072	€7,282
<b>Doctors' Payment per Eligible Person</b>	<b>€247.66</b>	<b>€221.15</b>	<b>€169.46</b>	<b>€138.43</b>	<b>€123.18</b>	Pharmacy Fees	€2,726	€2,515	€2,222	€2,019	€1,820
						VAT	€466	€444	€388	€364	€350
<b>PHARMACIES</b>											
<b>Total Cost of Prescriptions</b>	<b>€636,566</b>	<b>€537,874</b>	<b>€422,464</b>	<b>€328,348</b>	<b>€281,699</b>	<b>Overall Cost of Medicines</b>	<b>€650,662</b>	<b>€550,892</b>	<b>€434,019</b>	<b>€338,803</b>	<b>€291,151</b>
Ingredient Cost	€503,578	€423,269	€329,497	€262,881	€223,209	<b>Pharmacy Payment per Eligible Person</b>	<b>€561.82</b>	<b>€457.93</b>	<b>€371.08</b>	<b>€292.61</b>	<b>€246.39</b>
Dispensing Fee	€121,115	€104,827	€85,413	€59,325	€52,843						
VAT	€11,873	€9,778	€7,554	€6,142	€5,647						
Number of Forms	12,243	11,551	10,454	9,737	9,631						
Number of Items	32,241	29,500	25,521	22,882	21,679	<b>Overall Payments</b>	<b>€37,493</b>	<b>€822,831</b>	<b>€637,882</b>	<b>€504,778</b>	<b>€442,443</b>
Cost per Form	€51.99	€46.57	€40.41	€33.72	€29.24	<b>Overall Payment per Person</b>	<b>€809.48</b>	<b>€679.08</b>	<b>€540.54</b>	<b>€431.04</b>	<b>€369.57</b>
Cost per Item	€19.74	€18.24	€16.55	€14.35	€12.99						
Ingredient Cost per Item	€15.62	€14.35	€12.91	€11.49	€10.30						
Items per Form	2.63	2.55	2.44	2.35	2.25						

Note: Doctors payment per person is exclusive of superannuation paid to retired D.M.O.'s

**Table 1.1 LTI: Summary of Statistical Information for each of the Five Years 1999 - 2003**  
**DP: Summary of Statistical Information for the Years 2000 - 2003**

Year ended December:-	2003	2002	2001	2000	1999	Year ended December:-	2003	2002	2001	2000
<b><u>LTI Scheme</u></b>						<b><u>DP Scheme</u></b>				
Number of Eligible Persons in December	97,184	92,745	87,988	82,619	76,848	Number of Eligible Persons in December	1,396,813	1,319,395	1,156,836	942,193
Average Number of Claimants	32,720	31,422	30,165	27,382	26,885	Average Number of Claimants	204,065	205,578	199,546	155,638
	(000's)	(000's)	(000's)	(000's)	(000's)		(000's)	(000's)	(000's)	(000's)
Number of Items	1,464	1,280	1,157	988	877	Number of Items	9,311	9,063	8,985	7,776
Total Cost	€ 73,348	€ 61,636	€ 52,081	€ 41,736	€ 34,548	Gross Cost	€ 315,832	€ 287,489	€ 262,187	€ 212,087
Cost per Item	€ 50.11	€ 48.15	€ 44.98	€ 42.26	€ 39.39	Net Cost	€ 204,422	€ 192,366	€ 177,617	€ 140,598
Cost per Claimant	€ 2,241.69	€ 1,961.55	€ 1,726.52	€ 1,524.24	€ 1,285.04	Gross Cost per Item	€ 33.92	€ 31.72	€ 29.18	€ 27.27
Cost per Eligible Person	€ 771.45	€ 677.37	€ 608.16	€ 524.00	€ 465.84	Net Cost per Claimant	€ 430.90			

**Table 2 Number of Agreements**

Health Board	Doctors		Pharmacists		Dentists		Optometrists	
	2003	2002	2003	2002	2003	2002	2003	2002
East Coast Area	208	213	111	117	96	88	40	38
South Western Area	295	276	174	163	168	197	71	56
Northern Area	237	230	148	129	145	138	41	51
Midland	119	115	71	70	75	74	39	36
Mid-Western	200	197	126	129	96	96	35	37
North Eastern	163	159	112	106	144	145	49	49
North Western	129	131	71	69	60	76	22	21
South Eastern	216	207	141	137	142	139	48	46
Southern	363	359	207	199	277	281	64	61
Western	251	247	131	130	137	115	54	59
<b>NATIONAL</b>	<b>2,181</b>	<b>2,134</b>	<b>1,292</b>	<b>1,249</b>	<b>1,340</b>	<b>1,349</b>	<b>463</b>	<b>454</b>

- Note: (i) Where doctors have panels numbers drawn from more than one Health Board the board wherein the majority of such persons reside is deemed to be the doctors Health Board.
- (ii) 210 Doctors who do not have agreements under the GMS Scheme and who provide services under the Primary Childhood Immunisation Scheme, the Health (Amendment) Act 1996, Heartwatch, Palliative Care and the Methadone Treatment Scheme are included in the above.
- (iii) 204 Dentists (213 - 2002) who are employees of Health Boards and who provide services under the Dental Treatment Services Scheme are included above.
- (iv) Above figures relate to the position as at 31st December 2003.



**Table 3 GMS: Payments to Doctors**

		2003	2002
		€	€
FEEES	- Item of Service Contract	1,374,424	1,975,702
	- Capitation	148,138,363	148,955,173
	- Special Claims/Services	22,285,998	20,174,338
	- Out-of-Hours	22,247,074	20,349,451
	- Dispensing	2,393,349	1,663,491
	- Asylum Seekers	2,504,404	-----
ALLOWANCES	- Annual Leave	6,148,536	5,572,580
	- Locum and Practice Expenses	63,433	93,229
	- Sick Leave	1,286,403	926,908
	- Maternity Leave	714,698	413,853
	- Rural Practice	2,966,901	2,731,054
	- Secretarial/Nursing	36,895,398	30,462,510
	- Study Leave	1,092,894	902,597
	- Medical Indemnity Insurance	1,772,892	1,614,281
	- Rostering/Out of Hours	6,535,443	6,514,614
	- Practice Development	4,356,914	4,343,029
	- Practice Support Grant	2,523,658	2,259,097
	- IMO Agreements: One-in-one rotas	563,285	563,285
SALARIES	- Former District Medical Officers	1,852,867	1,487,932
	- Benefits to retired DMO's and their dependants	5,907,892	5,898,107
SUPERANNUATION FUND	- Contribution	15,205,570	15,037,925
TOTAL		€286,830,396	€271,939,156

**Table 4 GMS: Cost of Prescriptions**

Health Board	Ingredient Cost		Dispensing Fee		V.A.T.		Total	
	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €
East Coast Area	34,956,717	28,994,674	9,071,310	8,231,887	849,501	693,261	44,877,528	37,919,822
South Western Area	61,611,562	53,884,094	15,148,467	13,604,143	1,550,653	1,326,941	78,310,682	68,815,178
Northern Area	55,566,259	46,473,698	13,201,550	11,620,960	1,318,543	1,060,967	70,086,352	59,155,625
Midland	33,795,486	28,224,794	7,943,877	6,775,855	777,053	643,630	42,516,416	35,644,279
Mid-Western	45,572,312	38,043,120	11,128,564	9,487,118	1,034,838	857,002	57,735,714	48,387,240
North Eastern	44,519,705	38,396,893	10,550,638	9,146,287	1,050,926	868,242	56,121,269	48,411,422
North Western	32,419,817	27,209,033	7,524,614	6,444,365	770,530	617,188	40,714,961	34,270,586
South Eastern	59,678,641	48,828,127	14,586,935	12,226,135	1,490,560	1,185,847	75,756,136	62,240,109
Southern	82,007,703	67,853,928	19,565,541	16,791,984	1,860,948	1,552,341	103,434,192	86,198,253
Western	53,450,145	45,360,885	12,393,245	10,498,643	1,169,865	972,624	67,013,255	56,832,152
NATIONAL	€503,578,347	€423,269,246	€121,114,741	€104,827,377	€11,873,417	€9,778,043	€636,566,505	€537,874,666

Note: Cost of medicines supplied by pharmacies to dispensing doctors is given in Table 5.

**Table 5 GMS: Cost of Stock Order Forms**

Health Board	Ingredient Cost		* Pharmacy Fee		V.A.T.		Total	
	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €
East Coast Area	140,563	145,757	35,147	36,449	28,832	26,121	204,542	208,327
South Western Area	104,578	103,889	26,149	25,975	22,197	21,726	152,924	151,590
Northern Area	44,506	43,755	11,119	10,946	11,558	11,273	67,183	65,974
Midland	758,610	697,579	189,657	174,394	26,493	26,813	974,760	898,786
Mid-Western	786,331	728,925	196,579	182,177	41,196	36,855	1,024,106	947,957
North Eastern	831,931	735,945	207,986	183,998	54,092	47,766	1,094,009	967,709
North Western	1,991,695	1,927,356	497,918	481,831	58,168	59,901	2,547,781	2,469,088
South Eastern	2,546,476	2,181,093	636,629	545,279	85,379	79,536	3,268,484	2,805,908
Southern	401,438	369,597	100,380	92,400	50,820	44,998	552,638	506,995
Western	3,297,445	3,125,306	824,367	781,330	87,499	88,902	4,209,311	3,995,538
<b>NATIONAL</b>	<b>€10,903,573</b>	<b>€10,059,202</b>	<b>€2,725,931</b>	<b>€2,514,779</b>	<b>€466,234</b>	<b>€443,891</b>	<b>€14,095,738</b>	<b>€ 13,017,872</b>

Note: (i) Stock Order Forms are provided by Health Boards for the use of dispensing doctors to obtain Medicines and Appliances from retail pharmacies for dispensing to persons who are entitled to be dispensed to.

(ii) \* Pharmacies are reimbursed for stock order items on the basis of the basic trade price, with the addition of 25% on cost.

(iii) The above figures include needles, syringes and dressings which are available for doctors use.

**Table 6 DTS: Payments to Dentists**

Health Board	Above the Line		Below the Line		Total	
	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €
Eastern Boards	9,366,971	8,183,195	4,532,678	3,993,881	13,899,649	12,177,076
Midland	1,783,568	1,508,026	1,162,532	1,036,351	2,946,100	2,544,377
Mid-Western	2,684,319	2,462,709	1,450,338	1,419,512	4,134,657	3,882,221
North Eastern	2,649,607	2,378,133	1,475,768	1,435,192	4,125,375	3,813,325
North Western	2,344,924	2,225,981	963,817	986,542	3,308,741	3,212,523
South Eastern	3,763,298	3,272,395	2,297,437	2,138,493	6,060,735	5,410,888
Southern	6,116,541	5,627,664	2,705,863	3,354,624	8,822,404	8,982,288
Western	4,110,429	3,520,995	2,408,840	2,128,748	6,519,269	5,649,743
NATIONAL	32,819,657	29,179,098	16,997,273	16,493,343	49,816,930	45,672,441

Dentists were also paid a total €51,025 in 2003 (€45,080 in 2002) in respect of fees under Health Amendment Act 1996

**Table 7 GMS: Payment per Eligible Person**

Health Board	2003			2002		
	Doctors €	Pharmacies €	Total €	Doctors €	Pharmacies €	Total €
Eastern Boards	241.87	570.17	812.04	211.15	463.89	675.04
Midland	257.33	629.62	886.95	230.27	503.76	734.03
Mid-Western	245.36	594.51	839.87	220.21	481.50	701.71
North Eastern	241.90	552.51	794.41	224.36	458.53	682.89
North Western	230.33	441.99	672.32	211.56	373.35	584.91
South Eastern	254.00	572.38	826.38	229.30	460.90	690.20
Southern	257.08	594.48	851.56	226.98	481.67	708.65
Western	257.20	523.35	780.55	231.12	427.63	658.75
<b>NATIONAL</b>	<b>€247.66</b>	<b>€561.82</b>	<b>809.48</b>	<b>€221.15</b>	<b>€457.93</b>	<b>679.08</b>

*Note: The payment per eligible person is inclusive of total payments to doctors (Table 3) excluding superannuation benefits to retired DMO's and their dependants and total payments to pharmacies (Tables 4 and 5) in respect of the average number of persons covered each month (1,163,423,*

**Table 7.1 GMS: Payment per Person**

Health Board	2003		
	Doctors €	Pharmacies €	Total €
Eastern Boards	241.87	588.26	830.13
Midland	257.33	649.14	906.47
Mid-Western	245.36	607.02	852.38
North Eastern	241.90	602.06	843.96
North Western	230.33	521.91	752.24
South Eastern	254.00	604.14	858.14
Southern	257.08	618.08	875.16
Western	257.20	578.08	835.28
NATIONAL	€247.66	€595.16	€842.82

*Note: The payment per person is inclusive of total payments to doctors (Table 3) excluding superannuation benefits to retired DMO's and their dependants and total payments to pharmacies (Tables 4 and 5) in respect of the average number of persons covered each month (1,163,42).*

*In our previous Financial & Statistical Reports the pharmacy cost per person was calculated on the basis of the total number of persons eligible under the GMS Scheme, irrespective of whether they actually availed of the service during that year (see previous page). The above table shows the actual cost per person in respect of those who availed of services under the GMS Scheme in 2003.*

**Table 8 GMS: Number of Doctors in Eligible Person Cost Categories**

2003 (2002 in brackets).

Number of Doctors with an annual cost per eligible person of:-											
Health Board	Up to €300	€301 - €350	€351 - €400	€401 - €450	€451 - €500	€501 - €550	€551 - €600	€601 - €650	€651 - €700	€701 & Over	
Eastern Boards	4 (9)	5 (17)	16 (23)	22 (15)	19 (30)	12 (38)	33 (60)	36 (69)	33 (53)	396 (243)	
Midland	- (1)	-	- (1)	- (1)	1 (3)	2 (5)	6 (13)	3 (9)	6 (13)	81 (52)	
Mid-Western	- (1)	-	- (1)	- (8)	3 (2)	6 (15)	5 (19)	10 (16)	13 (19)	118 (75)	
North Eastern	2 -	-	-	2 (3)	2 (10)	8 (11)	9 (19)	14 (33)	18 (22)	90 (43)	
North Western	1 (2)	1 (1)	1 (1)	3 (8)	2 (14)	15 (12)	12 (19)	9 (21)	20 (15)	54 (21)	
South Eastern	1 (1)	-	1 (1)	- (2)	3 (6)	2 (10)	6 (28)	12 (29)	21 (30)	154 (92)	
Southern	-	2 -	- (3)	2 (3)	- (6)	7 (15)	9 (35)	16 (53)	24 (37)	245 (139)	
Western	2 -	1 (4)	2 (5)	4 (10)	2 (8)	10 (24)	11 (28)	8 (37)	35 (28)	139 (72)	
<b>NATIONAL</b>	<b>10 (14)</b>	<b>9 (22)</b>	<b>20 (35)</b>	<b>33 (50)</b>	<b>32 (79)</b>	<b>62 (130)</b>	<b>91 (221)</b>	<b>108 (267)</b>	<b>170 (217)</b>	<b>1277 (737)</b>	

Note: (i) Doctors not in the GMS Scheme for the full year have been excluded from this table.

(ii) The annual cost per eligible person is the total payment for the doctor and the total prescribing/dispensing costs in respect of the average number of persons on the panel.

**Table 9 GMS: Number of Eligible Persons**

Health Board	Number of persons (including dependants) and % of population* eligible in				Health Board	Number of persons (including dependants) and % of population* eligible in			
	December 2003		December 2002			December 2003		December 2002	
	No.	%	No.	%		No.	%	No.	%
<b>EASTERN BOARDS</b>					<b>NORTH WESTERN</b>				
Dublin	274,192	24.42	277,378	24.71	Donegal	66,987	48.69	65,734	47.85
Kildare	37,304	22.75	37,973	23.15	Leitrim	11,236	41.63	11,476	44.45
Wicklow	28,225	24.61	28,919	25.21	Sligo	19,658	33.78	19,714	33.89
TOTAL	339,721	24.24	344,270	24.57	TOTAL	97,881	43.94	96,924	43.78
<b>MIDLAND</b>					<b>SOUTH EASTERN</b>				
Laois	17,347	29.51	17,926	30.52	Carlow	15,645	34.00	16,008	34.92
Longford	12,171	39.18	12,499	40.15	Kilkenny	19,809	24.66	20,152	25.06
Offaly	19,001	29.85	19,303	30.30	Tipperary S.R.	28,840	36.45	28,607	36.11
Westmeath	20,556	28.61	20,929	29.06	Waterford	34,523	34.00	34,955	34.43
TOTAL	69,075	30.65	70,657	31.32	Wexford	39,246	33.66	38,878	33.36
TOTAL					TOTAL	138,063	32.59	138,600	32.72
<b>MID-WESTERN</b>					<b>SOUTHERN</b>				
Clare	30,483	29.52	29,620	28.66	Cork	132,541	29.60	133,236	29.73
Limerick	49,195	28.06	50,370	28.70	Kerry	42,381	31.98	43,189	32.61
Tipperary N.R.	19,159	31.40	19,105	31.28	TOTAL	174,922	30.14	176,425	30.39
TOTAL	98,837	29.10	99,095	29.15	<b>WESTERN</b>				
<b>NORTH EASTERN</b>					Galway	67,244	32.16	68,293	32.70
Cavan	18,907	34.15	19,124	33.90	Mayo	48,680	41.45	49,660	42.29
Louth	36,478	35.83	37,486	36.82	Roscommon	20,165	37.50	20,376	37.87
Meath	31,394	23.43	30,550	22.81	TOTAL	136,089	35.78	138,329	36.40
Monaghan	16,776	31.90	17,285	32.75					
TOTAL	103,555	30.12	104,445	30.28	NATIONAL	1,158,143	29.57	1,168,745	29.84

Note: (i) \*The population figures for each county are taken from the Census of Population 2002.

The Official C.S.O. estimate of national population as at December 2003 is 3,917,203.

(ii) Average number of eligible persons in 2003 was 1,158,143 on 764,151 Medical Cards. (Average number of persons on a Medical Card was 1.51).



**Table 9.1 GMS: Number of Eligible Persons by Gender within Age Groups**

Health Board	Age Classification																	
	As at December 2003																	
	Under 4 Years			5 - 11 Years			12 - 15 Years			16 - 24 Years			25 - 34 Years			35 - 44 Years		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
Eastern Boards	13,761	14,655	28,416	16,150	16,986	33,136	8,887	9,177	18,064	16,991	10,191	27,182	21,570	12,233	33,803	16,769	12,547	29,316
Midland	2,473	2,530	5,003	3,193	3,367	6,560	1,888	2,010	3,898	3,890	2,584	6,474	3,545	2,100	5,645	3,381	2,669	6,050
Mid-Western	3,078	3,100	6,178	4,188	4,389	8,577	2,490	2,733	5,223	5,398	3,883	9,281	5,021	3,221	8,242	4,568	3,840	8,408
North Eastern	3,698	3,831	7,529	4,712	5,049	9,761	2,869	3,023	5,892	6,549	4,273	10,822	5,757	3,383	9,140	5,135	4,008	9,143
North Western	2,901	3,093	5,994	4,543	4,968	9,511	2,933	3,141	6,074	6,286	4,555	10,841	4,816	3,474	8,290	5,151	4,485	9,636
South Eastern	4,360	4,691	9,051	5,834	6,266	12,100	3,651	3,817	7,468	8,347	5,562	13,909	7,069	4,461	11,530	7,006	5,397	12,403
Southern	5,060	5,636	10,696	6,978	7,343	14,321	4,285	4,374	8,659	9,224	6,315	15,539	9,016	5,879	14,895	8,653	6,873	15,526
Western	3,668	3,891	7,559	5,819	6,021	11,840	3,755	3,910	7,665	8,175	6,177	14,352	6,226	4,279	10,505	6,511	5,655	12,166
National	38,999	41,427	80,426	51,417	54,389	105,806	30,758	32,185	62,943	64,860	43,540	108,400	63,020	39,030	102,050	57,174	45,474	102,648
% of Eligible Persons	3.37%	3.58%	6.94%	4.44%	4.70%	9.15%	2.66%	2.78%	5.43%	5.60%	3.76%	9.36%	5.44%	3.37%	8.81%	4.94%	3.93%	8.86%

Continued

**Table 9.1 GMS: Number of Eligible Persons by Gender within Age Groups**

Health Board	Age Classification																	
	As at December 2003																	
	45 -54 Years			55-64 Years			65-69 Years			70-74 Years			75 Years and Over			All		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
Eastern Boards	14,604	11,679	26,283	16,576	12,603	29,179	10,312	7,009	17,321	20,004	15,770	35,774	39,504	21,743	61,247	195,128	144,593	339,721
Midland	3,334	2,895	6,229	3,754	3,065	6,819	2,307	1,731	4,038	3,383	3,087	6,470	7,071	4,818	11,889	38,219	30,856	69,075
Mid-Western	4,810	4,287	9,097	5,502	4,707	10,209	3,279	2,659	5,938	5,086	4,740	9,826	10,914	6,944	17,858	54,334	44,503	98,837
North Eastern	4,925	4,435	9,360	5,566	4,619	10,185	3,192	2,433	5,625	4,838	4,320	9,158	10,315	6,625	16,940	57,556	45,999	103,555
North Western	5,348	5,090	10,438	5,410	5,301	10,711	2,719	2,512	5,231	3,583	3,502	7,085	8,411	5,659	14,070	52,101	45,780	97,881
South Eastern	6,760	6,233	12,993	8,046	6,891	14,937	4,662	3,803	8,465	6,754	6,220	12,974	13,429	8,804	22,233	75,918	62,145	138,063
Southern	8,892	7,913	16,805	10,247	8,559	18,806	6,111	4,719	10,830	9,445	8,243	17,688	19,230	11,927	31,157	97,141	77,781	174,922
Western	7,188	6,976	14,164	7,607	7,380	14,987	4,184	3,706	7,890	6,018	5,897	11,915	13,811	9,235	23,046	72,962	63,127	136,089
National	55,861	49,508	105,369	62,708	53,125	115,833	36,766	28,572	65,338	59,111	51,779	110,890	122,685	75,755	198,440	643,359	514,784	1,158,143
% of Eligible Persons	4.82%	4.27%	9.10%	5.41%	4.59%	10.00%	3.17%	2.47%	5.65%	5.10%	4.47%	9.57%	10.59%	6.54%	17.13%	55.55%	44.45%	100%

**Table 9.2 GMS: Percentage of Eligible Persons by Mileage Allocation**

Health Board	Mileage Classification														
	As at December 2003														
	Up to 3 Miles			3 - 5 Miles			5 - 7 Miles			7 - 10 Miles			Over 10 Miles		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
Eastern Boards	51.39	37.91	89.30	3.37	2.57	5.94	1.72	1.33	3.05	0.63	0.51	1.14	0.32	0.25	0.57
Midland	33.62	26.81	60.43	7.11	5.92	13.03	13.36	10.86	24.22	1.16	1.01	2.17	0.08	0.07	0.15
Mid-Western	35.45	28.41	63.86	7.33	6.21	13.54	10.77	9.24	20.01	1.18	0.96	2.14	0.24	0.21	0.45
North Eastern	34.55	27.05	61.60	8.17	6.85	15.02	11.68	9.55	21.23	1.00	0.82	1.82	0.18	0.15	0.33
North Western	25.92	21.83	47.75	9.78	8.97	18.75	12.03	10.93	22.96	4.06	3.65	7.71	1.44	1.39	2.83
South Eastern	35.98	29.10	65.08	7.43	6.27	13.70	9.92	8.24	18.16	1.38	1.18	2.56	0.27	0.23	0.50
Southern	34.84	27.26	62.10	7.19	6.00	13.19	10.06	8.21	18.27	2.08	1.84	3.92	1.35	1.17	2.52
Western	26.85	22.10	48.95	9.02	8.10	17.12	11.51	10.32	21.83	4.58	4.30	8.88	1.65	1.57	3.22
NATIONAL	38.09	29.59	67.68	6.63	5.61	12.24	8.34	7.04	15.38	1.80	1.60	3.40	0.69	0.61	1.30

**Table 10 GMS : Size of Panels of Doctors**

As at 31st December 2003 (2002 in brackets)

Health Board	Number of Doctors with panels of:-											
	Up to 250		251 - 500		501 - 1,000		1,001 - 1,500		1,501 - 2,000		2,001 - 2,500	
East Coast Area	63	(71)	42	(36)	60	(61)	5	(8)	-		-	
South Western Area	68	(49)	43	(46)	79	(72)	41	(44)	5	(7)	1	(2)
Northern Area	32	(41)	48	(38)	68	(72)	28	(30)	12	(11)	-	
Midland	16	(20)	15	(15)	52	(47)	19	(22)	-		-	
Mid-Western	31	(38)	32	(35)	74	(75)	18	(17)	4	(4)	-	
North Eastern	24	(21)	23	(23)	75	(72)	26	(29)	2	(3)	-	
North Western	15	(17)	17	(16)	52	(53)	34	(31)	6	(7)	-	
South Eastern	26	(26)	38	(29)	110	(114)	31	(28)	3	(6)	-	
Southern	68	(71)	79	(69)	131	(133)	34	(36)	2	(3)	1	(1)
Western	47	(47)	52	(44)	96	(97)	32	(34)	2	(3)	-	
<b>NATIONAL</b>	<b>390</b>	<b>(401)</b>	<b>389</b>	<b>(351)</b>	<b>797</b>	<b>(796)</b>	<b>268</b>	<b>(279)</b>	<b>36</b>	<b>(44)</b>	<b>2</b>	<b>(3)</b>

**Table 11    GMS : Payments to Doctors in each Health Board Area**

Health Board	2003	2002
	€	€
East Coast Area	23,149,524	20,904,068
South Western Area	31,979,958	30,154,433
Northern Area	27,040,507	25,509,853
Midland	17,775,103	17,101,828
Mid-Western	24,251,066	23,194,052
North Eastern	25,049,796	24,729,616
North Western	22,544,807	21,335,047
South Eastern	35,068,490	33,278,607
Southern	44,968,741	41,978,720
Western	35,002,404	33,752,932
NATIONAL	€ 286,830,396	€ 271,939,156

**Table 12 GMS : Number of Special Type Consultations and Out-of-Hours claims**

Health Board	No. of Temporary Resident Claims		No. of EEA Visitor Claims		No. of Emergency Claims		No. of Out-of-Hours Claims		Total No. of Claims	
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002
East Coast Area	8,363	3,227	2,027	4,356	7,714	2,119	24,186	29,638	42,290	39,340
South Western Area	9,576	5,020	4,845	3,156	2,088	5,608	45,732	38,959	62,241	52,743
Northern Area	4,458	6,022	3,173	2,570	1,626	4,332	38,381	32,590	47,638	45,514
Midland	3,935	7,942	8,276	2,595	1,804	6,080	31,287	32,419	45,302	49,036
Mid-Western	7,671	9,577	6,501	5,459	3,745	2,086	36,751	35,832	54,668	52,954
North Eastern *	15,456	4,562	12,476	3,526	4,466	1,425	10,719	11,313	43,117	20,826
North Western	13,646	3,575	9,894	8,505	6,403	1,347	40,867	40,077	70,810	53,504
South Eastern	2,870	8,172	3,242	6,479	2,055	2,751	73,622	71,839	81,789	89,241
Southern	5,047	15,581	4,540	12,498	5,579	4,323	121,166	109,499	136,332	141,901
Western	6,241	13,566	2,274	9,812	5,700	7,463	84,989	79,241	99,204	110,082
NATIONAL	77,263	77,244	57,248	58,956	41,180	37,534	507,700	481,407	683,391	655,141

\* North Eastern Health Board figures do not include statistics from NEHB Doc

**Table 12.1 GMS : Payment to Doctors for Special Type Consultations and Out-of-Hours claims**

Health Board	Cost of Temporary Resident Claims		Cost of EEA Visitor Claims		Cost of Emergency Claims		Cost of Out-of-Hours Claims		Total Cost of Claims	
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002
	€	€	€	€	€	€	€	€	€	€
East Coast Area	106,202	113,188	117,562	152,205	74,803	74,183	890,241	861,548	1,188,808	1,201,124
South Western Area	182,910	174,124	163,285	109,473	208,349	202,582	1,730,513	1,625,395	2,285,057	2,111,574
Northern Area	224,310	171,369	81,940	85,331	204,951	149,286	1,398,153	1,152,353	1,909,354	1,558,339
Midland	302,866	274,548	72,856	90,509	280,627	214,768	1,188,032	1,181,962	1,844,381	1,761,787
Mid-Western	348,424	336,178	174,461	180,217	75,631	72,743	1,394,444	1,327,505	1,992,960	1,916,643
North Eastern*	168,578	165,632	114,002	122,841	58,971	49,983	398,904*	3,148,019	740,455	3,486,475
North Western	142,959	125,215	299,561	296,201	65,869	47,042	1,564,120	1,484,772	2,072,509	1,953,230
South Eastern	276,004	283,955	229,586	224,498	128,247	95,233	2,752,670	2,605,905	3,386,507	3,209,591
Southern	560,615	543,965	450,447	434,479	164,734	145,339	4,611,126	4,041,193	5,786,922	5,164,976
Western	495,154	475,019	357,075	341,542	233,172	261,592	3,232,503	2,920,799	4,317,904	3,998,952
<b>NATIONAL</b>	<b>€ 2,808,022</b>	<b>€ 2,663,193</b>	<b>€ 2,060,775</b>	<b>€ 2,037,296</b>	<b>€ 1,495,354</b>	<b>€ 1,312,751</b>	<b>€ 19,160,706</b>	<b>€ 20,349,451</b>	<b>€ 25,524,857</b>	<b>€ 26,362,691</b>

\* North Eastern Health Board figures do not include statistics from NEHB Doc

**Table 13 GMS : Analysis of Special Items of Service**

Type of Service		Number of Claims		Cost of Claims	
		2003	2002	2003	2002
				€	€
(i)	Excisions: Warts, Verruca etc.	57,883	54,583	1,298,298	1,187,311
(ii)	Suturing: Cuts and Lacerations	23,743	23,201	532,898	504,519
(iii)	Hydroceles: Draining of	1,016	995	22,812	21,657
(iv)	Haemorrhages: Dental/Nasal	1,163	1,234	26,044	26,852
(v)	Veins: Recognised treatment	1,314	1,032	29,493	22,441
(vi)	E.C.G.: Tests and interpretation	38,196	36,157	855,808	786,811
(vii)	Diaphragm: Instruction in the fitting of	659	508	14,749	11,051
(viii)	Eye: Removal of Adherent foreign body	6,381	5,986	143,167	130,259
(ix)	Ear/Nose/Throat: Removal of foreign body	12,859	11,434	288,639	248,855
(x)	Nebuliser: Treatment in the case of acute asthmatic attack	39,858	37,977	1,340,647	1,240,024
(xi)	Bladder: Catheterization	4,402	4,232	148,160	138,132
(xii)	Case Conference: Convened by Health Board D.C.C	161	150	9,030	8,160
(xiii)	Diaphragm: Advice and fitting of	346	291	13,438	10,903
(xiv)	I.U.C.D.: Counselling and fitting of	4,168	3,006	259,247	181,527
(xv)	Pneumococcal Vaccination	13,164	13,584	408,340	407,022
(xvi)	Influenza Vaccination	287,994	254,805	8,963,700	7,635,606
(xvii)	Pneumococcal / Influenza Vaccination	17,213	17,720	803,757	796,702
(xviii)	Hepatitis B Vaccination	1,825	1,560	76,179	168,421
NATIONAL		512,345	468,455	€15,234,406	€13,526,253



**Table 13.1 GMS : Analysis of Special Items of Service by Health Board**

Type of Service			East Coast Area		South Western Area	
			Number of Claims	Cost of Claims	Number of Claims	Cost of Claims
				€		€
(i)	Excisions:	Warts, Verruca etc.	2,932	65,846	5,590	125,267
(ii)	Suturing:	Cuts and Lacerations	820	18,406	1,651	37,041
(iii)	Hydroceles:	Draining of	60	1,349	42	943
(iv)	Haemorrhages:	Dental/Nasal	21	470	62	1,385
(v)	Veins:	Recognised treatment	79	1,777	147	3,300
(vi)	E.C.G.:	Tests and interpretation	1,984	44,453	2,752	61,694
(vii)	Diaphragm:	Instruction in the fitting of	8	179	190	4,258
(viii)	Eye:	Removal of Adherent foreign body	169	3,782	268	6,015
(ix)	Ear/Nose/Throat:	Removal of foreign body	604	13,553	1,429	32,062
(x)	Nebuliser:	Treatment in the case of acute asthmatic attack	936	31,462	3,340	112,289
(xi)	Bladder:	Catheterization	124	4,173	127	4,268
(xii)	Case Conference:	Convened by Health Board D.C.C	6	338	16	902
(xiii)	Diaphragm:	Advice and fitting of	13	507	60	2,344
(xiv)	I.U.C.D.:	Counselling and fitting of	294	18,319	566	35,223
(xv)	Pneumococcal	Vaccination	1,185	36,665	1,427	44,308
(xvi)	Influenza	Vaccination	22,792	709,482	29,281	911,031
(xvii)	Pneumococcal / Influenza	Vaccination	1,933	90,258	1,950	90,909
(xviii)	Hepatitis B	Vaccination	87	1,202	135	6,504
<b>TOTAL</b>			<b>34,047</b>	<b>€1,042,221</b>	<b>49,033</b>	<b>€1,479,743</b>

Continued

**Table 13.1 GMS : Analysis of Special Items of Service by Health Board**

Type of Service			Northern Area		Midland	
			Number of Claims	Cost of Claims	Number of Claims	Cost of Claims
				€		€
(i)	Excisions:	Warts, Verruca etc.	4,086	91,791	2,966	66,530
(ii)	Suturing:	Cuts and Lacerations	1,009	22,644	1,623	36,461
(iii)	Hydroceles:	Draining of	23	515	58	1,298
(iv)	Haemorrhages:	Dental/Nasal	61	1,368	96	2,152
(v)	Veins:	Recognised treatment	20	447	13	291
(vi)	E.C.G.:	Tests and interpretation	1,181	26,469	3,384	75,904
(vii)	Diaphragm:	Instruction in the fitting of	136	3,038	39	871
(viii)	Eye:	Removal of Adherent foreign body	714	16,027	395	8,860
(ix)	Ear/Nose/Throat:	Removal of foreign body	1,042	23,403	721	16,166
(x)	Nebuliser:	Treatment in the case of acute asthmatic attack	1,178	39,275	3,912	131,543
(xi)	Bladder:	Catheterization	65	2,184	294	9,906
(xii)	Case Conference:	Convened by Health Board D.C.C	9	506	4	227
(xiii)	Diaphragm:	Advice and fitting of	35	1,352	38	1,470
(xiv)	I.U.C.D.:	Counselling and fitting of	335	20,874	308	19,153
(xv)	Pneumococcal	Vaccination	1,504	46,516	785	24,395
(xvi)	Influenza	Vaccination	29,038	903,360	16,806	523,130
(xvii)	Pneumococcal / Influenza	Vaccination	2,449	114,428	555	25,821
(xviii)	Hepatitis B	Vaccination	130	8,057	51	2,547
<b>TOTAL</b>			<b>43,015</b>	<b>€1,322,254</b>	<b>32,048</b>	<b>€946,725</b>

Continued

**Table 13.1 GMS : Analysis of Special Items of Service by Health Board**

Type of Service			Mid-Western		North Eastern	
			Number of Claims	Cost of Claims	Number of Claims	Cost of Claims
				€		€
(i)	Excisions:	Warts, Verruca etc.	3,717	83,402	3,977	89,389
(ii)	Suturing:	Cuts and Lacerations	1,605	36,040	1,516	34,045
(iii)	Hydroceles:	Draining of	70	1,569	74	1,672
(iv)	Haemorrhages:	Dental/Nasal	89	1,991	49	1,093
(v)	Veins:	Recognised treatment	48	1,079	171	3,833
(vi)	E.C.G.:	Tests and interpretation	2,646	59,312	3,388	76,026
(vii)	Diaphragm:	Instruction in the fitting of	19	426	86	1,922
(viii)	Eye:	Removal of Adherent foreign body	330	7,416	290	6,521
(ix)	Ear/Nose/Throat:	Removal of foreign body	731	16,420	978	21,967
(x)	Nebuliser:	Treatment in the case of acute asthmatic attack	2,020	67,725	2,782	93,685
(xi)	Bladder:	Catheterization	343	11,543	309	10,418
(xii)	Case Conference:	Convened by Health Board D.C.C	20	1,120	9	510
(xiii)	Diaphragm:	Advice and fitting of	19	745	21	817
(xiv)	I.U.C.D.:	Counselling and fitting of	308	19,153	381	23,708
(xv)	Pneumococcal	Vaccination	970	30,086	1,066	33,127
(xvi)	Influenza	Vaccination	28,507	886,750	24,079	749,628
(xvii)	Pneumococcal / Influenza	Vaccination	901	42,025	1,850	86,464
(xviii)	Hepatitis B	Vaccination	190	2,097	126	4,416
<b>TOTAL</b>			<b>42,533</b>	<b>€1,268,899</b>	<b>41,152</b>	<b>€1,239,241</b>

Continued

**Table 13.1 GMS : Analysis of Special Items of Service by Health Board**

Type of Service			North Western		South Eastern	
			Number of Claims	Cost of Claims	Number of Claims	Cost of Claims
				€		€
(i)	Excisions:	Warts, Verruca etc.	5,279	118,444	8,350	187,442
(ii)	Suturing:	Cuts and Lacerations	2,539	57,008	4,395	98,690
(iii)	Hydroceles:	Draining of	132	2,967	106	2,377
(iv)	Haemorrhages:	Dental/Nasal	145	3,249	184	4,129
(v)	Veins:	Recognised treatment	12	270	449	10,103
(vi)	E.C.G.:	Tests and interpretation	4,694	105,226	6,388	143,109
(vii)	Diaphragm:	Instruction in the fitting of	38	856	38	851
(viii)	Eye:	Removal of Adherent foreign body	750	16,815	660	14,785
(ix)	Ear/Nose/Throat:	Removal of foreign body	1,428	32,035	1,634	36,670
(x)	Nebuliser:	Treatment in the case of acute asthmatic attack	3,972	133,714	6,856	230,506
(xi)	Bladder:	Catheterization	753	25,343	642	21,617
(xii)	Case Conference:	Convened by Health Board D.C.C	15	837	129	3,370
(xiii)	Diaphragm:	Advice and fitting of	26	1,009	49	1,896
(xiv)	I.U.C.D.:	Counselling and fitting of	372	23,156	693	43,040
(xv)	Pneumococcal	Vaccination	662	20,555	2,188	67,899
(xvi)	Influenza	Vaccination	19,612	610,619	36,057	1,122,418
(xvii)	Pneumococcal / Influenza	Vaccination	1,291	60,238	3,269	152,804
(xviii)	Hepatitis B	Vaccination	32	1,310	217	11,608
<b>TOTAL</b>			<b>41,752</b>	<b>€1,213,651</b>	<b>72,304</b>	<b>€2,153,314</b>

continued

**Table 13.1 GMS : Analysis of Special Items of Service by Health Board**

Type of Service			Southern		Western	
			Number of Claims	Cost of Claims	Number of Claims	Cost of Claims
				€		€
(i)	Excisions:	Warts, Verruca etc.	10,181	228,475	10,399	233,452
(ii)	Suturing:	Cuts and Lacerations	4,499	101,020	4,007	89,991
(iii)	Hydroceles:	Draining of	136	3,046	315	7,077
(iv)	Haemorrhages:	Dental/Nasal	136	3,040	320	7,167
(v)	Veins:	Recognised treatment	217	4,845	158	3,549
(vi)	E.C.G.:	Tests and interpretation	5,478	122,677	6,281	140,805
(vii)	Diaphragm:	Instruction in the fitting of	56	1,253	49	1,094
(viii)	Eye:	Removal of Adherent foreign body	1,750	39,260	1,055	23,687
(ix)	Ear/Nose/Throat:	Removal of foreign body	2,238	50,260	2,054	46,103
(x)	Nebuliser:	Treatment in the case of acute asthmatic attack	7,385	243,397	7,883	265,309
(xi)	Bladder:	Catheterization	719	24,155	1,026	34,553
(xii)	Case Conference:	Convened by Health Board D.C.C	30	1,666	22	1,240
(xiii)	Diaphragm:	Advice and fitting of	53	2,045	32	1,254
(xiv)	I.U.C.D.:	Counselling and fitting of	665	41,335	246	15,286
(xv)	Pneumococcal	Vaccination	1,426	44,315	1,951	60,475
(xvi)	Influenza	Vaccination	46,736	1,455,564	35,086	1,091,719
(xvii)	Pneumococcal / Influenza	Vaccination	1,636	76,421	1,379	64,389
(xviii)	Hepatitis B	Vaccination	661	29,472	196	8,965
TOTAL			84,002	€2,472,246	72,459	€2,096,115

**Table 14 GMS : Visiting Rate Categories for Doctors on Fee-Per-Item of Service**

NATIONAL								
2003 (2002 in brackets).								
Doctors with panels of:-	Visiting Rate:-*							
	6 - 6.9	7 - 7.9	8 - 8.9	9 - 9.9	10 - 10.9	11 - 11.9	12 and Over	
100-249	-	-	1 -	2 (1)	1 -	-	-	(4)
250-499	-	-	-	1 (2)	3 -	-	2	(4)
500-999	1 (1)	-	1 (1)	-	-	2 -	-	(1)
1000-1499	-	-	-	-	-	-	1	(1)
1500-1999	-	1 -	- (1)	-	-	-	1	(1)
TOTAL	1 (1)	1 -	2 (2)	3 (3)	4 -	2 -	4	(11)

Note: (i) The overall visiting rate in 2003 of the doctors who continued on a fee-per-item of service contract was 10.97 (Surgery: 10.02 Domiciliary: 0.95), (2002 - Total: 12.33 Surgery: 11.19 Domiciliary: 1.14).

(ii) Only doctors with panels of 100 persons or over are included in the above table.

(iii) \* Visiting Rate is the total number of consultations divided by the total number of persons on panel.

**Table 15 GMS: Cost of Medicines by Gender within Age Groups**

Health Board	Age Classification																	
	Under 5 Years			5-11 Years			12-15 Years			16-24 Years			25-34 Years			35-44 Years		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€
Eastern Boards	73.03	84.97	72.36	75.45	77.86	70.03	85.15	91.92	80.79	149.27	179.63	145.51	238.92	303.99	237.03	350.29	393.86	335.69
Midland	87.21	88.82	80.40	74.24	91.51	75.72	91.88	94.10	84.95	179.77	224.75	179.23	278.90	386.95	288.48	441.06	448.74	405.74
Mid-Western	98.08	107.71	93.99	77.01	113.29	87.19	102.74	139.34	110.93	180.17	196.22	170.02	279.26	377.80	286.85	418.55	490.49	410.53
North Eastern	84.63	89.15	79.42	83.71	87.31	78.13	103.60	109.98	97.49	170.65	178.79	158.45	260.97	340.26	262.38	374.35	394.88	349.68
North Western	80.95	76.13	71.63	75.74	91.33	76.58	78.92	95.39	79.63	131.69	165.00	131.16	243.82	292.12	238.52	320.14	371.56	312.62
South Eastern	77.44	89.75	76.64	79.61	87.34	76.35	92.41	107.06	91.00	159.00	199.04	157.67	247.66	340.78	255.87	401.44	450.43	385.16
Southern	108.41	104.13	96.94	94.61	105.92	91.67	103.48	113.78	99.23	180.60	214.09	176.28	287.00	392.31	297.06	429.79	483.42	413.35
Western	96.05	94.01	86.76	74.45	84.03	72.49	99.31	96.56	89.44	163.00	175.76	153.42	281.43	391.17	295.08	403.44	444.19	385.02

NATIONAL	€84.90	€90.84	€87.99	€79.40	€89.44	€84.52	€93.38	€103.83	€98.57	€161.59	€189.81	€171.60	€258.82	€345.34	€288.44	€385.01	€430.63	€403.99
% OF NATIONAL AVERAGE	14.23%	15.23%	14.75%	13.31%	14.99%	14.17%	15.65%	17.40%	16.52%	27.09%	31.82%	28.76%	43.39%	57.89%	48.35%	64.54%	72.19%	67.72%

Continued

**Table 15 GMS: Cost of Medicines by Gender within Age Groups**

Health Board	Age Classification																	
	45-54 Years			55-64 Years			65-69 Years			70-74 Years			75 Years & Over			Total		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€	€
Eastern Boards	593.42	591.32	541.19	836.44	876.47	779.52	992.12	1063.72	933.00	1199.19	1180.65	1089.20	1037.65	1017.56	939.76	598.53	586.63	593.70
Midland	653.49	688.06	611.12	912.60	984.40	862.84	1042.08	1170.77	1002.27	1230.08	1237.14	1126.13	1059.51	1093.44	982.25	635.05	664.39	647.67
Mid-Western	609.66	609.54	556.79	872.10	858.72	791.00	952.58	970.31	877.28	1113.74	1108.85	1015.47	987.61	989.42	902.83	607.89	619.02	612.72
North Eastern	589.27	608.38	546.24	817.64	869.83	768.36	972.29	1026.23	909.49	1128.20	1142.33	1035.66	1020.53	1045.82	943.05	578.22	603.12	588.88
North Western	507.83	510.68	465.03	757.55	712.84	672.13	838.75	916.94	800.21	1060.04	1002.49	946.35	951.47	927.49	858.23	512.74	521.79	516.76
South Eastern	590.70	606.03	545.94	849.72	898.39	796.22	1018.75	1020.21	931.08	1148.21	1121.32	1038.92	1050.20	1034.58	952.42	594.13	612.15	601.89
Southern	657.53	652.37	598.42	895.70	898.91	819.42	1015.71	1033.76	934.92	1113.60	1082.12	1005.89	1022.94	1000.65	924.85	637.03	631.69	634.71
Western	567.88	561.48	515.92	739.68	752.21	681.10	856.43	892.43	797.45	1043.16	996.97	935.57	934.26	915.22	844.79	565.99	565.16	565.62

NATIONAL	€597.70	€601.18	€599.27	€836.53	€856.20	€845.40	€971.69	€1,014.90	€990.60	€1,141.30	€1,115.90	€1,131.40	€1,016.70	€1,003.70	€1,010.70	€595.31	€598.24	€596.56
% OF NATIONAL AVERAGE	100.19%	100.77%	100.45%	140.23%	143.52%	141.71%	162.88%	170.13%	166.05%	191.32%	187.06%	189.66%	170.43%	168.25%	169.42%	99.79%	100.28%	100.00%



**Table 16 GMS: Number of Prescription Forms and Items**

Health Board	Number of Forms		Number of Items		Items Per Form	
	2003	2002	2003	2002	2003	2002
East Coast Area	824,038	772,152	2,248,967	2,031,733	2.73	2.63
South Western Area	1,506,613	1,458,454	3,991,431	3,760,952	2.65	2.58
Northern Area	1,280,266	1,172,534	3,457,933	3,110,620	2.70	2.65
Midland	784,372	752,244	2,117,488	1,944,495	2.70	2.58
Mid-Western	1,110,694	1,045,363	2,982,455	2,719,803	2.69	2.60
North Eastern	1,087,695	1,040,104	2,858,923	2,655,382	2.63	2.55
North Western	849,437	805,583	2,062,575	1,898,016	2.43	2.36
South Eastern	1,511,176	1,398,432	3,913,655	3,496,753	2.59	2.50
Southern	1,997,547	1,876,698	5,271,640	4,814,955	2.64	2.57
Western	1,291,346	1,229,558	3,335,440	3,066,990	2.58	2.49
NATIONAL	12,243,184	11,551,122	32,240,507	29,499,699	2.63	2.55

**Table 16.1 GMS: Payment to Pharmacists in Respect of Prescriptions**

Health Board	Cost		Cost per Form		Cost per Item		Ingredient Cost per Item	
	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €	2003 €	2002 €
East Coast Area	44,877,528	37,919,822	54.46	52.51	19.95	18.66	15.54	14.24
South Western Area	78,310,682	68,815,178	51.98	47.18	19.62	18.30	15.44	14.33
Northern Area	70,086,352	59,155,625	54.74	50.45	20.27	19.02	16.07	14.94
Midland	42,516,416	35,644,279	54.20	47.38	20.08	18.33	15.96	14.52
Mid-Western	57,735,714	48,387,240	51.98	46.29	19.36	17.79	15.28	13.99
North Eastern	56,121,269	48,411,422	51.60	46.54	19.63	18.23	15.57	14.46
North Western	40,714,961	34,270,586	47.93	42.54	19.74	18.06	15.72	14.34
South Eastern	75,756,136	62,240,109	50.13	44.51	19.36	17.80	15.25	13.96
Southern	103,434,192	86,198,253	51.78	45.93	19.62	17.90	15.56	14.09
Western	67,013,255	56,832,152	51.89	46.22	20.09	18.53	16.02	14.79
<b>NATIONAL</b>	<b>€ 636,566,505</b>	<b>€ 537,874,666</b>	<b>€ 51.99</b>	<b>€ 46.57</b>	<b>€ 19.74</b>	<b>€ 18.24</b>	<b>€ 15.62</b>	<b>€ 14.35</b>

**Table 16.2 GMS: Number of Items on Prescription Forms**

Prescription forms having:-	2003		2002	
	No of Forms	% of Total	No of Forms	% of Total
One Item	5,024,436	41.04	4,824,119	14.75
Two Items	2,597,008	21.21	2,517,429	21.79
Three Items	1,474,638	12.04	1,420,413	12.29
Four Items	978,437	7.99	921,841	7.98
Five Items	728,479	5.95	660,968	5.72
Six Items	593,315	4.85	515,316	4.46
Seven Items	542,223	4.43	442,769	3.83
Eight or more Items	304,648	2.49	252,106	2.18

**Table 16.3    DPS:    Number of Items on Prescription Forms**

Prescription forms having:-	2003	
	No of Forms	% of Total
One Item	1,805,608	45.47
Two Items	884,885	22.29
Three Items	507,128	12.77
Four Items	307,364	7.74
Five Items	187,416	4.72
Six Items	112,422	2.83
Seven Items	67,833	1.71
Eight or more Items	98,101	2.47

**Table 16.4 LTI: Number of Items on Prescription Forms**

Prescription forms having:-	2003	
	No of Forms	% of Total
One Item	266,854	42.48
Two Items	138,158	21.99
Three Items	81,504	12.98
Four Items	52,051	8.29
Five Items	33,577	5.35
Six Items	20,352	3.24
Seven Items	11,763	1.87
Eight or more Items	11,946	1.90

**Table 17 GMS: Number of Dispensing Doctors\* and Persons for whom they Dispense**

Health Board	2003		2002	
	No. of Doctors	No. of Persons	No. of Doctors	No. of Persons
Eastern Boards	1	657	1	657
Midland	12	4,825	12	4,231
Mid-Western	12	3,560	12	3,672
North Eastern	9	1,846	9	1,959
North Western	36	13,966	34	13,224
South Eastern	29	9,914	28	9,911
Southern	14	1,841	14	1,905
Western	43	20,048	38	19,359
<b>NATIONAL</b>	<b>156</b>	<b>56,657</b>	<b>148</b>	<b>54,918</b>

*\* In rural areas where a doctor has a centre of practice 3 miles or more from the nearest retail pharmacy the doctor dispenses for persons served from that centre who opt to be dispensed to. The doctor is paid a dispensing fee for each such person. A doctor's medicine requirements are obtained on a Stock Order from a retail pharmacy - the stock ordered is approved in advance by a Health Board.*

**Table 18 GMS: Advance Payments to Pharmacists**

Health Board	Amount Advanced to Pharmacists as at 31st December:-	
	2003	2002
	€	€
Eastern Boards	4,804,910	5,475,647
Midland	1,186,050	1,255,759
Mid-Western	1,568,400	1,831,037
North Eastern	1,950,453	2,142,258
North Western	1,370,084	1,442,813
South Eastern	2,225,299	2,486,945
Southern	2,960,113	3,356,038
Western	2,290,415	2,438,709
<b>NATIONAL</b>	<b>€ 18,355,724</b>	<b>€ 20,429,206</b>

**Table 19**

**GMS: Notes on Some of the More Commonly Prescribed Products**

<b>AMOXICILLIN</b>	Amoxicillin is a broad spectrum Penicillin antibiotic indicated for the treatment of a wide range of bacterial infections.	<b>BECLOMETHASONE</b>	Beclomethasone is a potent steroid having an anti-inflammatory action within the lungs. It is used mainly by inhalation for the treatment of bronchial asthma.
<b>SALBUTAMOL</b>	Salbutamol is a beta-adrenergic stimulant used mainly in the treatment of chronic asthma and chronic bronchitis.	<b>AMLODIPINE</b>	Amlodipine is a calcium - channel blocker (similar to nifedipine) with peripheral and coronary vasodilator properties. It is given by mouth in the management of hypertension and of angina pectoris.
<b>DICLOFENAC</b>	Diclofenac is a Non-Steroidal Anti-inflammatory Drug (NSAID) mainly used to treat pain and inflammation associated with muscular conditions and rheumatoid arthritis.	<b>ACETYLSALICYLIC ACID - ASPIRIN</b>	Acetylsalicylic Acid - Aspirin has anti-inflammatory and additionally analgesic and antipyretic (body temperature lowering ) action. Acetylsalicylic Acid - Aspirin also has action against thrombosis or clot formation by inhibition of platelet cell aggregation in the blood.
<b>PRAVASTATIN AND ATORVASTATIN</b>	Pravastatin and Atorvastatin are indicated, in combination with dietary measures, for lowering cholesterol levels.	<b>ATENOLOL</b>	Atenolol is a beta blocker. Members of this class of drugs are used in the treatment of hypertension, angina pectoris and cardiac arrhythmias.
<b>ISOSORBIDE MONONITRATE</b>	Isosorbide Mononitrate is used in the long term management of angina pectoris and heart failure.	<b>OMEPRAZOLE AND LANSOPRAZOLE</b>	Omeprazole and Lansoprazole are proton pump inhibitors which prevent secretion of gastric acid. They are used in the treatment of reflux oesophagitis and peptic ulceration.



**Table 19.1 GMS: The Top 100 Most Commonly Prescribed Products in the Order of their Prescribing Frequency**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
1 Acetylsalicylic Acid-Aspirin (Antithrombotic)	1,515,579	4.68	3,403,673	0.66
2 Salbutamol (Inhaled)	553,313	1.71	3,146,744	0.61
3 Atenolol	528,678	1.63	2,944,206	0.57
4 Pravastatin	525,261	1.62	21,437,488	4.17
5 Atorvastatin	504,322	1.56	17,683,588	3.44
6 Amoxicillin and Enzyme Inhibitor	490,980	1.52	4,521,915	0.88
7 Levothyroxine Sodium	464,176	1.43	1,075,980	0.21
8 Furosemide	458,226	1.42	568,147	0.11
9 Warfarin	422,697	1.31	1,069,338	0.21
10 Amlodipine	418,384	1.29	8,722,863	1.70
11 Omeprazole	401,073	1.24	21,017,146	4.09
12 Amoxicillin	389,119	1.20	1,791,453	0.35
13 Diazepam	385,956	1.19	272,959	0.05
14 Dextropropoxyphene Combinations excluding Psycholeptics	383,022	1.18	640,449	0.12
15 Ramipril	364,773	1.13	5,294,538	1.03
16 Prednisolone (Systemic)	360,405	1.11	364,532	0.07
17 Diclofenac (Systemic)	337,310	1.04	3,996,468	0.78
18 Digoxin	331,231	1.02	284,938	0.06
19 Bendroflumethiazide	328,149	1.01	306,137	0.06
20 Clinical Nutritional Products	309,087	0.95	22,651,788	4.40
21 Beclometasone (Inhaled)	288,613	0.89	5,730,257	1.11
22 Paracetamol	287,966	0.89	324,405	0.06
23 Lansoprazole	280,563	0.87	10,826,542	2.10
24 Bisoprolol	273,373	0.84	2,867,411	0.56
25 Furosemide with Potassium-Sparing Agents	271,531	0.84	1,397,934	0.27
26 Bendroflumethiazide and Potassium	267,684	0.83	579,456	0.11
27 Isosorbide Mononitrate	260,386	0.80	3,601,340	0.70
28 Paracetamol Combinations excluding Psycholeptics	257,991	0.80	1,566,266	0.30
29 Zopiclone	256,397	0.79	2,688,962	0.52
30 Calcium, Combinations	253,612	0.78	2,095,416	0.41
31 Lactulose	245,089	0.76	1,341,416	0.26
32 Nimesulide	242,557	0.75	4,265,166	0.83
33 Alprazolam	239,045	0.74	990,426	0.19
34 Temazepam	235,993	0.73	520,895	0.10
35 Metformin	231,352	0.71	736,963	0.14

**Table 19.1 GMS: Cont.**

<b>Name</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
36 Salbutamol and other drugs for obstructive airway diseases	230,929	0.71	6,222,794	1.21
37 Lisinopril	230,447	0.71	3,834,687	0.75
38 Alginic Acid	229,560	0.71	1,212,536	0.24
39 Carbocisteine	228,075	0.70	1,158,578	0.23
40 Acetylsalicylic Acid-Aspirin (Anti-inflammatory)	221,857	0.69	288,565	0.06
41 Esomeprazole	216,571	0.67	8,762,179	1.70
42 Citalopram	212,179	0.66	6,063,547	1.18
43 Diagnostic Products	209,866	0.65	7,897,928	1.54
44 Pantoprazole	202,259	0.62	6,936,108	1.35
45 Doxazosin	198,492	0.61	5,727,768	1.11
46 Perindopril	183,163	0.57	3,736,018	0.73
47 Tramadol	178,925	0.55	2,703,489	0.53
48 Artificial Tears and other indifferent preparations	178,032	0.55	661,642	0.13
49 Gliclazide	174,325	0.54	1,707,413	0.33
50 Celecoxib	172,862	0.53	5,843,608	1.14
51 Flurazepam	170,813	0.53	1,170,128	0.23
52 Clopidogrel	168,557	0.52	9,172,561	1.78
53 Domperidone	166,497	0.51	853,691	0.17
54 Mefenamic Acid	166,298	0.51	784,176	0.15
55 Salmeterol and other drugs for obstructive airway diseases	159,825	0.49	11,188,767	2.17
56 Alendronic Acid	158,404	0.49	5,598,558	1.09
57 Diclofenac (Topical)	157,695	0.49	785,538	0.15
58 Captopril	156,672	0.48	2,832,273	0.55
59 Clarithromycin	153,572	0.47	3,035,369	0.59
60 Cefaclor	153,144	0.47	1,251,346	0.24
61 Ibuprofen	153,034	0.47	588,966	0.11
62 Paroxetine	152,454	0.47	4,737,505	0.92
63 Zolpidem	150,702	0.47	1,013,331	0.20
64 Venlafaxine	149,520	0.46	6,411,602	1.25
65 Glyceryl Trinitrate	148,619	0.46	1,601,625	0.31
66 Folic Acid	146,584	0.45	157,616	0.03
67 Ferrous Fumarate	134,771	0.42	237,298	0.05
68 Fluoxetine	134,701	0.42	3,814,658	0.74
69 Nifedipine	132,578	0.41	1,732,755	0.34
70 Levonorgestrel and Estrogen (Fixed Combination Contraceptives)	132,225	0.41	388,349	0.08

**Table 19.1 GMS: Cont.**

<b>Name</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
71 Betametasone (Topical)	131,075	0.40	542,421	0.10
72 Risperidone	130,756	0.40	7,093,953	1.38
73 Ranitidine	127,368	0.40	3,162,917	0.61
74 Metoprolol	127,268	0.39	450,118	0.09
75 Flucloxacillin	124,860	0.39	1,059,650	0.21
76 Diltiazem	124,619	0.38	1,855,751	0.36
77 Carbamazepine	121,784	0.38	856,002	0.16
78 Rabeprazole	121,081	0.37	3,732,148	0.73
79 Rofecoxib	117,428	0.36	4,140,018	0.80
80 Theophylline	117,213	0.36	659,376	0.12
81 Bromazepam	115,742	0.36	669,197	0.13
82 Allopurinol	115,248	0.36	854,171	0.17
83 Olanzapine	115,068	0.36	13,471,438	2.62
84 Tolterodine	114,410	0.35	5,253,772	1.02
85 Dosulepin	112,344	0.35	631,883	0.12
86 Prochlorperazine	109,201	0.34	299,024	0.06
87 Betahistine	107,535	0.33	1,634,599	0.32
88 Nicotine (Replacement Therapy)	107,477	0.33	3,243,116	0.63
89 Ostomy/Urinary Appliances	103,546	0.32	9,637,182	1.87
90 Ispaghula (Psylla Seeds)	102,613	0.32	456,488	0.09
91 Simvastatin	102,068	0.32	3,777,669	0.73
92 Latanoprost	102,012	0.32	2,495,264	0.49
93 Lormetazepam	100,596	0.32	379,973	0.07
94 Amitriptyline	98,766	0.32	103,819	0.02
95 Codeine, Combinations excluding Psycholeptics	92,651	0.30	747,618	0.14
96 Needles/Syringes/Lancets	91,872	0.28	1,155,968	0.22
97 Atenolol and Non Thiazide Diuretics	90,117	0.28	852,128	0.17
98 Sertraline	89,951	0.28	4,247,962	0.83
99 Valproic Acid	89,673	0.28	999,940	0.19
100 Triazolam	88,140	0.27	279,514	0.05
<b>Total</b>	<b>22,770,582</b>	<b>70.34%</b>	<b>€355,583,256</b>	<b>69.11%</b>

**Table 19.2 GMS: The Top 100 Products of Highest Cost in the Order of their Total Ingredient Cost**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
1 Clinical Nutritional Products	22,651,788	4.40	309,087	0.95
2 Pravastatin	21,437,488	4.17	525,261	1.62
3 Omeprazole	21,017,146	4.09	401,073	1.24
4 Atorvastatin	17,683,588	3.44	504,322	1.56
5 Olanzapine	13,471,438	2.62	115,068	0.36
6 Salmeterol and other drugs for obstructive airway diseases	11,188,767	2.17	159,825	0.49
7 Lansoprazole	10,826,542	2.10	280,563	0.87
8 Ostomy/Urinary Appliances	9,637,182	1.87	103,546	0.32
9 Clopidogrel	9,172,561	1.78	168,557	0.52
10 Esomeprazole	8,762,179	1.70	216,571	0.67
11 Amlodipine	8,722,863	1.70	418,384	1.29
12 Diagnostic Products	7,897,928	1.54	209,866	0.65
13 Risperidone	7,093,953	1.38	130,756	0.40
14 Pantoprazole	6,936,108	1.35	202,259	0.62
15 Venlafaxine	6,411,602	1.25	149,520	0.46
16 Salbutamol and other drugs for obstructive airway diseases	6,222,794	1.21	230,929	0.71
17 Citalopram	6,063,547	1.18	212,179	0.66
18 Celecoxib	5,843,608	1.14	172,862	0.53
19 Beclometasone (Inhaled)	5,730,257	1.11	288,613	0.89
20 Doxazosin	5,727,768	1.11	198,492	0.61
21 Alendronic Acid	5,598,558	1.09	158,404	0.49
22 Budesonide (Inhaled)	5,520,865	1.07	81,346	0.25
23 Ramipril	5,294,538	1.03	364,773	1.13
24 Donepezil	5,271,613	1.02	45,323	0.14
25 Tolterodine	5,253,772	1.02	114,410	0.35
26 Paroxetine	4,737,505	0.92	152,454	0.47
27 Amoxicillin and Enzyme Inhibitor	4,521,915	0.88	490,980	1.52
28 Nimesulide	4,265,166	0.83	242,557	0.75
29 Sertraline	4,247,962	0.83	89,951	0.28
30 Rofecoxib	4,140,018	0.80	117,428	0.36
31 Diclofenac (Systemic)	3,996,468	0.78	337,310	1.04
32 Lisinopril	3,834,687	0.75	230,447	0.71
33 Fluoxetine	3,814,658	0.74	134,701	0.42
34 Simvastatin	3,777,669	0.73	102,068	0.32
35 Perindopril	3,736,018	0.73	183,163	0.57

**Table 19.2 GMS: Cont.**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
36 Rabeprazole	3,732,148	0.73	121,081	0.37
37 Isosorbide Mononitrate	3,601,340	0.70	260,386	0.80
38 Aspirin (Antithrombotic)	3,403,673	0.66	1,515,579	4.68
39 Nicotine	3,243,116	0.63	107,477	0.33
40 Ranitidine	3,162,917	0.61	127,368	0.39
41 Salbutamol (Inhaled)	3,146,744	0.61	553,313	1.71
42 Fluticasone (Inhaled)	3,134,474	0.61	53,839	0.17
43 Clarithromycin	3,035,369	0.59	153,572	0.47
44 Atenolol	2,944,206	0.57	528,678	1.63
45 Fentanyl	2,918,778	0.57	25,605	0.08
46 Bisoprolol	2,867,411	0.56	273,373	0.84
47 Captopril	2,832,273	0.55	156,672	0.48
48 Gabapentin	2,776,530	0.54	52,713	0.16
49 Tramadol	2,703,489	0.53	178,925	0.55
50 Zopiclone	2,688,962	0.52	256,397	0.79
51 Tamsulosin	2,662,502	0.52	84,804	0.26
52 Lamotrigine	2,616,717	0.51	40,729	0.13
53 Latanoprost	2,495,264	0.49	102,012	0.32
54 Formoterol and other drugs for obstructive airway diseases	2,257,048	0.44	39,753	0.12
55 Tiotropium Bromide	2,249,441	0.44	43,876	0.14
56 Losartan	2,102,158	0.41	77,515	0.24
57 Calcium, Combinations	2,095,416	0.41	253,612	0.78
58 Risedronic Acid	2,058,396	0.40	58,076	0.18
59 Insulin (Human), Intermediate-Acting Combined with Fast-Acting	1,999,177	0.39	37,948	0.12
60 Orlistat	1,878,849	0.37	29,047	0.09
61 Diltiazem	1,855,751	0.36	124,619	0.38
62 Sildenafil	1,806,785	0.35	56,612	0.17
63 Amoxicillin	1,791,453	0.35	389,119	1.20
64 Nifedipine	1,732,755	0.34	132,578	0.41
65 Gliclazide	1,707,413	0.33	174,325	0.54
66 Ondansetron	1,687,929	0.33	9,523	0.03
67 Mirtazapine	1,676,227	0.33	49,647	0.15
68 Betahistine	1,634,599	0.32	107,535	0.33
69 Escitalopram	1,605,769	0.31	56,668	0.18
70 Glyceryl Trinitrate	1,601,625	0.31	148,619	0.46

**Table 19.2 GMS: Cont.**

<b>Name</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>
71 Glucosamine	1,590,339	0.31	49,188	0.15
72 Paracetamol Combinations excluding Psycholeptics	1,566,266	0.30	257,991	0.80
73 Valsartan	1,513,320	0.29	61,990	0.19
74 Candesartan	1,462,798	0.28	63,705	0.20
75 Furosemide with Potassium-Sparing Agents	1,397,934	0.27	271,531	0.84
76 Mesalazine	1,391,265	0.27	25,045	0.08
77 Lactulose	1,341,416	0.26	245,089	0.76
78 Montelukast	1,304,332	0.25	32,948	0.10
79 Raloxifene	1,272,717	0.25	41,924	0.13
80 Cefaclor	1,251,346	0.24	153,144	0.47
81 Anastrozole	1,220,971	0.24	11,455	0.04
82 Alginic Acid	1,212,536	0.24	229,560	0.71
83 Quetiapine	1,207,284	0.23	14,619	0.05
84 Salmeterol	1,180,476	0.23	33,629	0.10
85 Ciprofloxacin	1,179,704	0.23	55,738	0.17
86 Levodopa and Decarboxylase Inhibitor	1,171,496	0.23	69,034	0.21
87 Flurazepam	1,170,128	0.23	170,813	0.53
88 Carbocisteine	1,158,578	0.23	228,075	0.70
89 Needles/Syringes/Lancets	1,155,968	0.22	91,872	0.28
90 Enalapril	1,120,551	0.22	70,617	0.22
91 Etoricoxib	1,106,611	0.22	34,342	0.11
92 Levothyroxine Sodium	1,075,980	0.21	464,176	1.43
93 Warfarin	1,069,338	0.21	422,697	1.31
94 Alfuzosin	1,061,237	0.21	35,060	0.11
95 Flucloxacillin	1,059,650	0.21	124,860	0.39
96 Rivastigmine	1,032,634	0.20	12,111	0.04
97 Zolpidem	1,013,331	0.20	150,702	0.47
98 Meloxicam	1,011,939	0.20	68,124	0.21
99 Valproic Acid	999,940	0.19	89,673	0.28
100 Alprazolam	990,426	0.19	239,045	0.74
<b>Total</b>	<b>€402,507,734</b>	<b>78.28%</b>	<b>18,043,400</b>	<b>55.72%</b>

**Table 19.3 DP: The Top 100 Most Commonly Prescribed Products in the Order of their Prescribing Frequency**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €
1 Acetylsalicylic Acid-Aspirin (Antithrombotic)	380,472	4.09	892,453
2 Atorvastatin	258,760	2.78	9,677,290
3 Salbutamol (Inhaled)	231,344	2.48	1,230,870
4 Pravastatin	224,934	2.42	9,652,887
5 Omeprazole	166,624	1.79	9,237,058
6 Amoxicillin and Enzyme Inhibitor	165,470	1.78	1,563,425
7 Atenolol	164,158	1.76	961,072
8 Levothyroxine Sodium	149,575	1.61	363,550
9 Diclofenac (Systemic)	128,799	1.38	1,508,259
10 Amlodipine	125,556	1.35	2,625,052
11 Salmeterol and other drugs for obstructive airway diseases	117,367	1.26	7,964,408
12 Prednisolone (Systemic)	116,712	1.25	138,118
13 Esomeprazole	110,821	1.19	4,804,565
14 Bisoprolol	98,932	1.06	1,073,602
15 Lansoprazole	97,750	1.05	4,036,828
16 Ramipril	97,096	1.04	1,443,462
17 Beclometasone (Inhaled)	95,236	1.02	1,899,559
18 Calcium, Combinations	89,407	0.96	811,015
19 Nimesulide	86,718	0.93	1,436,120
20 Clarithromycin	85,559	0.92	1,800,492
21 Venlafaxine	85,269	0.92	3,939,436
22 Citalopram	82,495	0.89	2,547,080
23 Clinical Nutritional Products	79,713	0.86	3,261,101
24 Warfarin	78,773	0.85	211,438
25 Amoxicillin	74,896	0.80	429,111
26 Bendroflumethiazide	74,496	0.80	63,976
27 Alprazolam	72,663	0.78	321,349
28 Zopiclone	10,044	0.75	793,164
29 Paracetamol Combinations excluding Psycholeptics	68,507	0.74	433,448
30 Doxazosin	67,273	0.72	2,010,235
31 Paroxetine	66,171	0.71	2,206,632
32 Lisinopril	63,534	0.68	1,119,362
33 Diazepam	62,952	0.68	44,436
34 Dextropropoxyphene Combinations excluding Psycholeptics	61,056	0.66	94,144
35 Pantoprazole	60,412	0.65	2,203,364

<b>% of Scheme Total</b>
0.47
5.09
0.65
5.08
4.86
0.82
0.51
0.19
0.79
1.38
4.19
0.07
2.53
0.56
2.12
0.76
1.00
0.43
0.76
0.95
2.07
1.34
1.72
0.11
0.23
0.03
0.17
0.42
0.23
1.06
1.16
0.59
0.02
0.05
1.16



**Table 19.3 DP: Cont.**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
36 Celecoxib	58,033	0.62	2,091,309	1.10
37 Bendroflumethiazide and Potassium	57,787	0.62	123,767	0.07
38 Alendronic Acid	56,087	0.60	1,984,588	1.04
39 Fluoxetine	54,555	0.59	1,863,014	0.98
40 Simvastatin	52,252	0.56	2,053,773	1.08
41 Estradiol	51,233	0.55	467,996	0.25
42 Cefaclor	51,052	0.55	433,747	0.23
43 Perindopril	50,635	0.54	1,124,922	0.59
44 Mefenamic Acid	48,746	0.52	237,531	0.13
45 Sertraline	48,349	0.52	2,443,118	1.29
46 Alginic Acid	47,855	0.51	277,526	0.15
47 Rofecoxib	47,456	0.51	1,684,357	0.89
48 Tramadol	46,926	0.50	743,832	0.39
49 Acetylsalicylic Acid-Aspirin (Anti-inflammatory)	46,882	0.50	68,318	0.04
50 Clopidogrel	46,749	0.50	2,570,000	1.35
51 Zolpidem	44,886	0.48	328,413	0.17
52 Fluticasone (Inhaled)	43,834	0.47	1,876,853	0.99
53 Furosemide	43,830	0.47	59,488	0.03
54 Carbocisteine	42,634	0.46	232,573	0.12
55 Domperidone	42,267	0.45	231,532	0.12
56 Allopurinol	41,283	0.44	341,977	0.18
57 Ostomy/Urinary Appliances	39,348	0.42	3,341,972	1.76
58 Fluticasone (Nasal)	38,603	0.41	629,294	0.33
59 Folic Acid	37,880	0.41	46,358	0.02
60 Budesonide (Inhaled)	37,424	0.40	1,480,927	0.78
61 Conjugated Estrogens	37,329	0.40	123,206	0.06
62 Betametasone (Topical)	37,149	0.40	175,174	0.09
63 Salbutamol and other drugs for obstructive airway diseases	36,157	0.39	632,720	0.33
64 Raloxifene	35,818	0.38	1,087,327	0.57
65 Metoprolol	35,657	0.38	128,699	0.07
66 Formoterol and other drugs for obstructive airway diseases	35,331	0.38	2,014,446	1.06
67 Bromazepam	35,187	0.38	195,088	0.10
68 Captopril	34,368	0.37	702,098	0.37
69 Artificial Tears and other indifferent preparations	33,955	0.36	154,994	0.08
70 Losartan	33,742	0.36	947,524	0.50

**Table 19.3 DP: Cont.**

<b>Name</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
71 Lithium	33,700	0.36	83,657	0.04
72 Montelukast	31,987	0.34	1,277,430	0.67
73 Sildenafil	31,794	0.34	991,593	0.52
74 Diltiazem	31,722	0.34	490,300	0.26
75 Minocycline	30,983	0.33	674,841	0.36
76 Diclofenac (Topical)	30,905	0.33	154,792	0.08
77 Flucloxacillin	30,551	0.33	279,202	0.15
78 Isosorbide Mononitrate	30,523	0.33	421,962	0.22
79 Valsartan	30,341	0.33	748,795	0.39
80 Candesartan	30,329	0.33	707,063	0.37
81 Ranitidine	29,453	0.32	866,538	0.46
82 Furosemide with Potassium-Sparing Agents	29,004	0.31	156,498	0.08
83 Cetirizine	28,994	0.31	291,218	0.15
84 Dosulepin	28,621	0.31	165,107	0.09
85 Escitalopram	28,619	0.31	896,474	0.47
86 Desloratadine	28,610	0.31	303,034	0.16
87 Cyproterone and Estrogen	28,406	0.31	192,972	0.10
88 Olanzapine	28,397	0.30	2,805,198	1.48
89 Norethisterone and Estrogen (Fixed Combination H.R.T.)	27,772	0.30	288,876	0.15
90 Temazepam	27,656	0.30	62,169	0.03
91 Glucosamine	27,628	0.30	907,744	0.48
92 Mesalazine	27,571	0.30	1,831,850	0.96
93 Orlistat	27,566	0.30	1,823,414	0.96
94 Flurazepam	27,491	0.30	197,439	0.11
95 Amitriptyline	27,461	0.29	31,668	0.02
96 Levonorgestrel and Estrogen (Fixed Combination Contraceptives)	26,662	0.29	95,010	0.05
97 Drospirenone and Estrogen	26,446	0.29	184,798	0.11
98 Terbutaline (Inhaled)	26,100	0.28	312,032	0.16
99 Atenolol and Non Thiazide Diuretics	25,958	0.28	251,739	0.13
100 Fluconazole	25,458	0.27	510,317	0.27
<b>Total</b>	<b>6,457,531</b>	<b>69.35%</b>	<b>€133,700,552</b>	<b>70.36%</b>

**Table 19.4 DP: The Top 100 Products of Highest Cost in the Order of their Total Ingredient Cost**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
1 Atorvastatin	9,677,290	5.09	258,760	2.78
2 Pravastatin	9,652,887	5.08	224,934	2.42
3 Omeprazole	9,237,058	4.86	166,624	1.79
4 Salmeterol and other drugs for obstructive airway diseases	7,964,408	4.19	117,367	1.26
5 Esomeprazole	4,804,565	2.53	110,821	1.19
6 Lansoprazole	4,036,828	2.12	97,750	1.05
7 Venlafaxine	3,939,436	2.07	85,269	0.92
8 Follitropin Beta	3,676,569	1.93	4,959	0.05
9 Ostomy/Urinary Appliances	3,341,972	1.76	39,348	0.42
10 Clinical Nutritional Products	3,261,101	1.72	79,713	0.86
11 Olanzapine	2,805,198	1.48	28,397	0.30
12 Amlodipine	2,625,052	1.38	125,556	1.35
13 Clopidogrel	2,570,000	1.35	46,749	0.50
14 Citalopram	2,547,080	1.34	82,495	0.89
15 Sertraline	2,443,118	1.29	48,349	0.52
16 Paroxetine	2,206,632	1.16	66,171	0.71
17 Pantoprazole	2,203,364	1.16	60,412	0.65
18 Celecoxib	2,091,309	1.10	58,033	0.62
19 Simvastatin	2,053,773	1.08	52,252	0.56
20 Formoterol and other drugs for obstructive airway diseases	2,014,446	1.06	35,331	0.38
21 Doxazosin	2,010,235	1.06	67,273	0.72
22 Alendronic Acid	1,984,588	1.04	56,087	0.60
23 Beclometasone (Inhaled)	1,899,559	1.00	95,236	1.02
24 Fluticasone (Inhaled)	1,876,853	0.99	43,834	0.47
25 Fluoxetine	1,863,014	0.98	54,555	0.59
26 Mesalazine	1,831,850	0.96	27,571	0.30
27 Orlistat	1,823,414	0.96	27,566	0.30
28 Clarithromycin	1,800,492	0.95	85,559	0.92
29 Rofecoxib	1,684,357	0.89	47,456	0.51
30 Amoxicillin and Enzyme Inhibitor	1,563,425	0.82	165,470	1.78
31 Diclofenac (Systemic)	1,508,259	0.79	128,799	1.38
32 Budesonide (Inhaled)	1,480,927	0.78	37,424	0.40
33 Ramipril	1,443,462	0.76	97,096	1.04
34 Nimesulide	1,436,120	0.76	86,718	0.93
35 Terbinafine (Systemic)	1,348,300	0.71	22,551	0.24

**Table 19.4 DP: Cont.**

<b>Name</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>
36 Montelukast	1,277,430	0.67	31,987	0.34
37 Salbutamol (Inhaled)	1,230,870	0.65	231,344	2.48
38 Perindopril	1,124,922	0.59	50,635	0.54
39 Lisinopril	1,119,362	0.59	63,534	0.68
40 Isotretinoin (Systemic)	1,116,489	0.59	16,718	0.18
41 IUCD with Progestogen	1,100,793	0.58	8,673	0.09
42 Raloxifene	1,087,327	0.57	35,818	0.38
43 Tolterodine	1,085,429	0.57	23,214	0.25
44 Bisoprolol	1,073,602	0.56	98,932	1.06
45 Gabapentin	1,073,464	0.56	18,217	0.20
46 Sibutramine	1,044,826	0.55	16,546	0.18
47 Calcipotriol, Combinations	1,020,430	0.54	10,886	0.12
48 Sildenafil	991,593	0.52	31,794	0.34
49 Risperidone	973,691	0.51	17,414	0.19
50 Atenolol	961,072	0.51	164,158	1.76
51 Losartan	947,524	0.50	33,742	0.36
52 Azathioprine	944,015	0.50	22,958	0.25
53 Glucosamine	907,744	0.48	27,628	0.30
54 Escitalopram	896,474	0.47	28,619	0.31
55 Acetylsalicylic Acid-Aspirin (Antithrombotic)	892,453	0.47	380,472	4.09
56 Sumatriptan	880,387	0.46	18,028	0.19
57 Ranitidine	866,538	0.46	29,453	0.32
58 Calcium, Combinations	811,015	0.43	89,407	0.96
59 Zopiclone	793,164	0.42	70,044	0.75
60 Rabeprazole	771,247	0.41	24,162	0.26
61 Valsartan	748,795	0.39	30,341	0.33
62 Tacrolimus (Topical)	744,326	0.39	11,184	0.12
63 Tramadol	743,832	0.39	46,926	0.50
64 Risedronic Acid	729,926	0.38	20,532	0.22
65 Famciclovir	729,309	0.38	5,613	0.06
66 Salmeterol	722,368	0.38	20,150	0.22
67 Candesartan	707,063	0.37	30,329	0.33
68 Captopril	702,098	0.37	34,368	0.37
69 Minocycline	674,841	0.36	30,983	0.33
70 Ondansetron	664,816	0.35	4,591	0.05

**Table 19.4 DP: Cont.**

<b>Name</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>
71 Calcipotriol	643,137	0.34	15,803	0.17
72 Salbutamol and other drugs for obstructive airway diseases	632,720	0.33	36,157	0.39
73 Fluticasone (Nasal)	629,294	0.33	38,603	0.41
74 Tamsulosin	548,582	0.29	17,577	0.19
75 Tiotropium Bromide	542,153	0.29	10,608	0.11
76 Fluconazole	510,317	0.27	25,458	0.27
77 Etoricoxib	505,240	0.27	15,694	0.17
78 Zolmitriptan	494,802	0.26	12,687	0.14
79 Diltiazem	490,300	0.26	31,722	0.34
80 Ciprofloxacin	479,518	0.25	19,913	0.21
81 Telmisartan	473,306	0.25	18,416	0.20
82 Estradiol	467,996	0.25	51,233	0.55
83 Aciclovir (Systemic)	451,901	0.24	5,349	0.06
84 Anastrozole	435,006	0.23	4,078	0.04
85 Cefaclor	433,747	0.23	51,052	0.55
86 Paracetamol Combinations excluding Psycholeptics	433,448	0.23	68,507	0.74
87 Amoxicillin	429,111	0.23	74,896	0.80
88 Isosorbide Mononitrate	421,962	0.22	30,523	0.33
89 Tibolone	421,791	0.22	23,407	0.25
90 Fentanyl	419,164	0.22	3,363	0.04
91 Latanoprost	411,490	0.22	17,505	0.19
92 Mirtazapine	408,690	0.22	11,689	0.13
93 Etonogestrel	403,503	0.21	2,847	0.03
94 Lamotrigine	396,302	0.21	8,725	0.09
95 Valaciclovir	384,424	0.20	3,852	0.04
96 Irbesartan	381,297	0.20	14,796	0.16
97 Eprosartan	380,627	0.19	16,432	0.18
98 Lisinopril and Diuretics	366,413	0.19	19,010	0.20
99 Enalapril	365,211	0.19	21,539	0.23
100 Levothyroxine Sodium	363,550	0.19	149,575	1.61
<b>Total</b>	<b>€154,591,178</b>	<b>81.35%</b>	<b>5,432,901</b>	<b>58.35%</b>

**Table 19.5 LTI: The Top 100 Most Commonly Prescribed Products in the Order of their Prescribing Frequency**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
1 Diagnostic Products	187,394	12.80	8,480,917	20.11
2 Metformin	108,187	7.39	363,494	0.86
3 Needles/Syringes/Lancets/Swabs	91,381	6.24	1,284,410	3.05
4 Acetylsalicylic Acid-Aspirin (Antithrombotic)	66,726	4.56	158,631	0.38
5 Gliclazide	65,856	4.50	720,949	1.71
6 Carbamazepine	44,749	3.06	404,352	0.96
7 Atorvastatin	43,140	2.95	1,602,853	3.80
8 Valproic Acid	42,116	2.88	521,358	1.24
9 Ramipril	34,749	2.37	517,542	1.23
10 Insulin (Human), Intermediate-Acting	33,909	2.32	1,415,064	3.36
11 Insulin (Human), Intermediate-Acting Combined with Fast-Acting	31,929	2.18	1,647,594	3.91
12 Pravastatin	31,766	2.17	1,355,998	3.22
13 Clinical Nutritional Products	29,217	2.00	2,990,970	7.09
14 Insulin (Human), Fast-Acting	29,071	1.99	1,237,509	2.94
15 Lamotrigine	27,338	1.87	1,963,054	4.66
16 Phenytoin	26,530	1.81	77,279	0.18
17 Amlodipine	20,624	1.41	455,019	1.08
18 Insulin Aspart, Fast-Acting	19,094	1.30	1,145,949	2.72
19 Lisinopril	18,934	1.29	335,999	0.80
20 Perindopril	18,607	1.27	471,435	1.12
21 Atenolol	16,724	1.14	104,332	0.25
22 Glimepiride	15,821	1.08	159,880	0.38
23 Insulin Glargine	14,479	0.99	1,062,915	2.52
24 Doxazosin	12,955	0.89	421,173	1.00
25 Phenobarbital	11,756	0.80	29,877	0.07
26 Glibenclamide	11,459	0.78	96,495	0.23
27 Rosiglitazone	9,948	0.68	525,314	1.25
28 Bisoprolol	9,123	0.62	101,836	0.24
29 Insulin Lispro	9,062	0.62	492,887	1.17
30 Levodopa and Decarboxylase Inhibitor	8,492	0.58	168,467	0.40
31 Enzyme Preparations	8,425	0.58	903,857	2.14
32 Furosemide	8,110	0.55	11,655	0.03
33 Captopril	6,824	0.47	156,192	0.37
34 Levothyroxine Sodium	6,648	0.45	17,944	0.04
35 Simvastatin	6,025	0.41	238,025	0.56

**Table 19.5 LTI: Cont.**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
36 Glucagon	5,858	0.40	173,427	0.41
37 Bendroflumethiazide	5,670	0.39	4,324	0.01
38 Ostomy/Urinary Appliances	5,447	0.37	481,329	1.14
39 Folic Acid	5,440	0.37	5,769	0.01
40 Levetiracetam	5,384	0.37	630,737	1.50
41 Losartan	5,252	0.36	152,085	0.36
42 Acetylsalicylic Acid-Aspirin (Anti-inflammatory)	5,066	0.35	7,412	0.02
43 Enalapril	4,870	0.33	86,500	0.21
44 Insulin (Human), Long Acting	4,705	0.32	114,410	0.27
45 Candesartan	4,692	0.32	106,845	0.25
46 Quinapril	4,643	0.32	76,019	0.18
47 Selegiline	4,588	0.31	165,327	0.39
48 Gabapentin	4,560	0.31	329,158	0.78
49 Amoxicillin and Enzyme Inhibitor	4,224	0.29	54,887	0.13
50 Evening Primrose Oil	4,168	0.28	112,222	0.27
51 Clopidogrel	4,082	0.28	227,096	0.54
52 Salbutamol (Inhaled)	4,026	0.28	37,820	0.09
53 Metoprolol	3,977	0.27	15,617	0.04
54 Bendroflumethiazide and Potassium	3,813	0.26	8,130	0.02
55 Topiramate	3,756	0.26	312,424	0.74
56 Warfarin	3,612	0.25	10,805	0.03
57 Valsartan	3,542	0.24	88,364	0.21
58 Baclofen	3,529	0.24	64,954	0.15
59 Vitamin A and D in Combination	3,506	0.24	60,077	0.14
60 Diltiazem	3,423	0.23	53,203	0.13
61 Nifedipine	3,241	0.22	46,567	0.11
62 Insulin Aspart, Intermediate-Acting Combined with Fast-Acting	3,226	0.22	203,890	0.48
63 Omeprazole	3,185	0.22	179,427	0.43
64 Isosorbide Mononitrate	3,166	0.22	44,420	0.11
65 Diazepam	3,065	0.21	11,154	0.03
66 Acarbose	2,906	0.20	52,898	0.13
67 Colistin (Systemic)	2,822	0.19	343,289	0.81
68 Sildenafil	2,761	0.19	87,313	0.21
69 Dressings	2,750	0.19	72,624	0.17
70 Flucloxacillin	2,718	0.19	71,760	0.17

**Table 19.5 LTI: Cont.**

Name	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
71 Pramipexole	2,684	0.18	396,896	0.94
72 Clobazam	2,629	0.18	16,927	0.03
73 Nebivolol	2,563	0.18	40,221	0.10
74 Insulin Intermediate/Fast Acting Combinations	2,396	0.16	138,870	0.33
75 Primidone	2,373	0.16	4,794	0.01
76 Ropinirole	2,325	0.16	256,771	0.61
77 Clonazepam	2,308	0.16	19,518	0.05
78 Sodium Chloride	2,228	0.15	29,210	0.07
79 Furosemide with Potassium-Sparing Agents	2,221	0.15	12,867	0.03
80 Indapamide	2,212	0.15	17,724	0.04
81 Paracetamol	2,183	0.15	7,698	0.02
82 Digoxin	2,144	0.14	1,917	0.00
83 Lactulose	2,089	0.14	13,162	0.02
84 Repaglinide	2,046	0.14	70,077	0.17
85 Tolterodine	2,041	0.14	98,698	0.23
86 Irbesartan	2,030	0.14	53,206	0.13
87 Glipizide	1,912	0.13	14,161	0.03
88 Desmopressin	1,881	0.13	112,048	0.27
89 Tocopheryl (Vit. E)	1,876	0.13	23,864	0.06
90 Gemfibrozil	1,831	0.13	60,389	0.14
91 Lisinopril and Diuretics	1,819	0.12	36,335	0.09
92 Glyceryl Trinitrate	1,788	0.12	14,851	0.03
93 Atenolol and Non Thiazide Diuretics	1,760	0.12	18,441	0.03
94 Oxybutynin	1,735	0.12	47,153	0.11
95 Prednisolone (Systemic)	1,721	0.12	2,780	0.01
96 Entacapone	1,687	0.12	170,749	0.40
97 Amantadine	1,669	0.11	22,232	0.05
98 Telmisartan	1,599	0.11	42,037	0.10
99 Nutritional/Ancillary Devices	1,550	0.11	291,783	0.69
100 Eprosartan	1,525	0.10	35,591	0.08
<b>TOTAL</b>	<b>1,329,666</b>	<b>90.84%</b>	<b>€ 38,204,478</b>	<b>90.61%</b>



**Table 19.6 LTI: The Top 100 Products of Highest Cost in the Order of their Total Ingredient Cost**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
1 Diagnostic Products	8,480,917	20.11	187,394	12.80
2 Clinical Nutritional Products	2,990,970	7.09	29,217	2.00
3 Lamotrigine	1,963,054	4.66	27,338	1.87
4 Insulin (Human), Intermediate-Acting Combined with Fast-Acting	1,647,594	3.91	31,929	2.18
5 Atorvastatin	1,602,853	3.80	43,140	2.95
6 Insulin (Human),Intermediate-Acting	1,415,064	3.36	33,909	2.32
7 Pravastatin	1,355,998	3.22	31,766	2.17
8 Needles/Syringes/Lancets/Swabs	1,284,410	3.05	91,381	6.24
9 Insulin (Human),Fast-Acting	1,237,509	2.94	29,071	1.99
10 Insulin Aspart, Fast-Acting	1,145,949	2.72	19,094	1.30
11 Insulin Glargine	1,062,915	2.52	14,479	0.99
12 Enzyme Preparations	903,857	2.14	8,425	0.58
13 Gliclazide	720,949	1.71	65,856	4.50
14 Levetiracetam	630,737	1.50	5,384	0.37
15 Apomorphine	528,917	1.25	704	0.05
16 Rosiglitazone	525,314	1.25	9,948	0.68
17 Valproic Acid	521,358	1.24	42,116	2.88
18 Ramipril	517,542	1.23	34,749	2.37
19 Ostomy/Urinary Appliances	481,329	1.14	5,447	0.37
20 Insulin Lispro	492,887	1.17	9,062	0.62
21 Perindopril	471,435	1.12	18,607	1.27
22 Amlodipine	455,019	1.08	20,624	1.41
23 Doxazosin	421,173	1.00	12,955	0.89
24 Carbamazepine	404,352	0.96	44,749	3.06
25 Pramipexole	396,896	0.94	2,684	0.18
26 Metformin	363,494	0.86	108,187	7.39
27 Colistin (Systemic )	343,289	0.81	2,822	0.19
28 Lisinopril	335,999	0.80	18,934	1.29
29 Gabapentin	329,158	0.78	4,560	0.31
30 Topiramate	312,424	0.74	3,756	0.26
31 Nutritional/Ancillary Devices	291,783	0.69	1,550	0.11
32 Ropinirole	256,771	0.61	2,325	0.16
33 Simvastatin	238,025	0.56	6,025	0.41
34 Clopidogrel	227,096	0.54	4,082	0.28
35 Insulin Aspart, Intermediate-Acting Combined with Fast-Acting	203,890	0.48	3,226	0.22

**Table 19.6 LTI: Cont.**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
36 Omeprazole	179,427	0.43	3,185	0.22
37 Glucagon	173,427	0.41	5,858	0.40
38 Entacapone	170,749	0.40	1,687	0.12
39 Levodopa and Decarboxylase Inhibitor	168,467	0.40	8,492	0.58
40 Selegiline	165,327	0.39	4,588	0.31
41 Glimepiride	159,880	0.38	15,821	1.08
42 Aspirin (Antithrombotic)	158,631	0.38	66,726	4.56
43 Captopril	156,192	0.37	6,824	0.47
44 Losartan	152,085	0.36	5,252	0.36
45 Tizanidine	147,008	0.35	1,308	0.09
46 Insulin Intermediate/Fast Acting Combinations	138,870	0.33	2,396	0.16
47 Insulin (Human), Long Acting	114,410	0.27	4,705	0.32
48 Evening Primrose Oil	112,222	0.27	4,168	0.28
49 Desmopressin	112,048	0.27	1,881	0.13
50 Meropenem	110,595	0.26	93	0.01
51 Candesartan	106,845	0.25	4,692	0.32
52 Atenolol	104,332	0.25	16,724	1.14
53 Bisoprolol	101,836	0.24	9,123	0.62
54 Tolterodine	98,698	0.23	2,041	0.14
55 Glibenclamide	96,495	0.23	11,459	0.78
56 Valsartan	88,364	0.21	3,542	0.24
57 Sildenafil	87,313	0.21	2,761	0.19
58 Enalapril	86,500	0.21	4,870	0.33
59 Levocarnitine	84,200	0.20	151	0.01
60 Vigabatrin	83,229	0.20	1,279	0.09
61 Azithromycin	79,813	0.19	1,125	0.08
62 Phenytoin	77,279	0.18	26,530	1.81
63 Ciprofloxacin	76,340	0.18	1,483	0.10
64 Quinapril	76,019	0.18	4,643	0.32
65 Dressings	72,624	0.17	2,750	0.19
66 Flucloxacillin	71,760	0.17	2,718	0.19
67 Repaglinide	70,077	0.17	2,046	0.14
68 Orlistat	68,951	0.16	1,034	0.07
69 Ceftazidime	68,893	0.16	122	0.01
70 Salmeterol and other drugs for obstructive airway diseases	68,180	0.16	876	0.06

**Table 19.6 LTI: Cont.**

Name	Ingredient Cost €	% of Scheme Total	Prescribing Frequency	% of Scheme Total
71 Lansoprazole	67,107	0.16	1,518	0.09
72 Baclofen	64,954	0.15	3,529	0.24
73 Gemfibrozil	60,389	0.14	1,831	0.13
74 Vitamin A and D in Combination	60,077	0.14	3,506	0.24
75 Amoxicillin and Enzyme Inhibitor	54,887	0.13	4,224	0.29
76 Irbesartan	53,206	0.13	2,030	0.14
77 Diltiazem	53,203	0.13	3,423	0.23
78 Acarbose	52,898	0.13	2,906	0.20
79 Budesonide (Inhaled)	50,336	0.12	799	0.05
80 Oxybutynin	47,153	0.11	1,735	0.12
81 Oxcarbazepine	46,639	0.11	1,399	0.09
82 Nifedipine	46,567	0.11	3,241	0.22
83 I.V. Administration	44,450	0.11	305	0.02
84 Isosorbide Mononitrate	44,420	0.11	3,166	0.22
85 Sodium Phenylbutyrate	43,179	0.10	59	0.00
86 Citalopram	42,668	0.10	1,353	0.09
87 Telmisartan	42,037	0.10	1,599	0.11
88 Nebivolol	40,221	0.10	2,563	0.18
89 Cabergoline	39,203	0.09	174	0.01
90 Salbutamol (Inhaled)	37,820	0.09	4,026	0.28
91 Clarithromycin	37,423	0.09	1,306	0.09
92 Ursodeoxycholic Acid	36,865	0.09	730	0.05
93 Lisinopril and Diuretics	36,335	0.09	1,819	0.12
94 Ondansetron	35,818	0.08	172	0.01
95 Esomeprazole	35,757	0.08	869	0.06
96 Eprosartan	35,591	0.08	1,525	0.10
97 Sertraline	33,893	0.08	661	0.05
98 Tiagabine	33,717	0.08	279	0.02
99 Tobramycin	33,472	0.08	204	0.01
100 Venlafaxine	31,437	0.07	715	0.05
<b>TOTAL</b>	<b>€39,789,735</b>	<b>94.38%</b>	<b>1,260,114</b>	<b>86.09%</b>

**Table 20 GMS : Distribution of Medicines and Appliances by Anatomical Therapeutic Chemical Classification**

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>A</b>	<b>Alimentary Tract and Metabolism</b>	<b>3,739,787</b>	<b>11.54</b>	<b>82,900,082</b>	<b>16.12</b>
<b>A01</b>	Stomatological Preparations	75,552	0.23	280,417	0.05
<b>A02</b>	Drugs for Acid Related Disorders	1,710,445	5.28	56,996,628	11.08
<b>A03</b>	Drugs for Functional Gastrointestinal Disorders	314,283	0.97	2,200,878	0.43
<b>A04</b>	Anti-emetics and Anti-nauseants	10,918	0.03	1,836,483	0.36
<b>A05</b>	Bile and Liver Therapy	7,404	0.02	353,051	0.07
<b>A06</b>	Laxatives	443,874	1.37	3,317,198	0.64
<b>A07</b>	Antidiarrhoeals, Intestinal Anti-inflammatory/ Anti-infective Agents	180,009	0.56	2,603,865	0.51
<b>A08</b>	Anti-obesity Preparations excluding Diet Products	41,836	0.13	2,667,500	0.52
<b>A09</b>	Digestives, including Enzymes	7,036	0.02	654,637	0.13
<b>A10</b>	Drugs Used in Diabetes	606,490	1.87	9,111,540	1.77
<b>A11</b>	Vitamins	44,206	0.14	546,221	0.11
<b>A12</b>	Mineral Supplements	297,680	0.92	2,330,790	0.45
<b>A14</b>	Anabolic Agents for Systemic Use	54	0.00	874	0.00
<b>B</b>	<b>Blood and Blood Forming Organs</b>	<b>2,594,653</b>	<b>8.01</b>	<b>15,578,416</b>	<b>3.03</b>
<b>B01</b>	Antithrombotic Agents	2,144,583	6.62	14,638,354	2.85
<b>B02</b>	Antihemorrhagics	9,108	0.03	105,302	0.02
<b>B03</b>	Anti-anemic Preparations	440,852	1.36	834,260	0.16
<b>B05</b>	Blood Substitutes and Perfusion Solutions	110	0.00	500	0.00

Table 20  
contd.

A.T.C. Class	Product Category	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
<b>C</b>	<b>Cardiovascular System</b>	<b>7,710,582</b>	<b>23.80</b>	<b>117,247,737</b>	<b>22.78</b>
<b>C01</b>	Cardiac Therapy	913,293	2.82	8,318,149	1.62
<b>C02</b>	Antihypertensives	242,649	0.75	6,001,279	1.17
<b>C03</b>	Diuretics	1,638,701	5.06	4,537,309	0.88
<b>C04</b>	Peripheral Vasodilators	66,042	0.20	1,086,544	0.21
<b>C05</b>	Vasoprotectives	90,829	0.28	587,541	0.11
<b>C07</b>	Beta Blocking Agents	1,241,390	3.83	9,536,963	1.85
<b>C08</b>	Calcium Channel Blockers	784,264	2.42	13,630,354	2.65
<b>C09</b>	Agents Acting on the Renin-Angiotensin System	1,528,752	4.72	28,882,812	5.61
<b>C10</b>	Serum Lipid Reducing Agents	1,204,662	3.72	44,666,786	8.68
<b>D</b>	<b>Dermatologicals</b>	<b>962,104</b>	<b>2.96</b>	<b>8,180,803</b>	<b>1.58</b>
<b>D01</b>	Antifungals for Dermatological Use	214,200	0.66	2,217,960	0.43
<b>D02</b>	Emollients and Protectives	77,025	0.24	218,396	0.04
<b>D03</b>	Preparations for Treatment of Wounds And Ulcers	1,052	0.00	35,973	0.01
<b>D04</b>	Antipruritics, including Antihistamines, Anaesthetics, etc.	51	0.00	1,103	0.00
<b>D05</b>	Antipsoriatics	39,865	0.12	1,670,808	0.32
<b>D06</b>	Antibiotics and Chemotherapeutics for Dermatological Use	120,333	0.37	886,788	0.17
<b>D07</b>	Corticosteroids Dermatological Preparations	470,692	1.45	2,172,842	0.42
<b>D10</b>	Anti-Acne Preparations	29,930	0.09	502,283	0.10
<b>D11</b>	Other Dermatological Preparations	8,956	0.03	474,650	0.09
<b>G</b>	<b>Genito Urinary System and Sex Hormones</b>	<b>1,318,016</b>	<b>4.07</b>	<b>21,046,472</b>	<b>4.10</b>
<b>G01</b>	Gynecological Anti-infectives and Antiseptics	26,537	0.08	143,797	0.03
<b>G02</b>	Other Gynecologicals	10,359	0.03	815,700	0.16
<b>G03</b>	Sex Hormones and Modulators of the Genital System	886,633	2.74	6,834,923	1.33
<b>G04</b>	Urologicals	394,487	1.22	13,252,052	2.58

Table 20  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>H</b>	<b>Systemic Hormonal Preparations,Excl. Sex Hormones</b>	<b>949,345</b>	<b>2.94</b>	<b>2,657,784</b>	<b>0.52</b>
<b>H01</b>	Pituitary, Hypothalamic Hormones and Analogues	9,873	0.03	508,336	0.10
<b>H02</b>	Corticosteroids for Systemic Use	426,174	1.32	870,634	0.17
<b>H03</b>	Thyroid Therapy	510,000	1.58	1,176,740	0.23
<b>H04</b>	Pancreatic Hormones	3,298	0.01	102,074	0.02
<b>H05</b>	Calcium Homeostasis				
<b>J</b>	<b>Anti-infectives for Systemic Use</b>	<b>2,013,884</b>	<b>6.22</b>	<b>20,818,087</b>	<b>4.04</b>
<b>J01</b>	Antibacterials for Systemic Use	1,951,403	6.03	17,958,197	3.49
<b>J02</b>	Antimycotics for Systemic Use	43,188	0.13	1,031,525	0.20
<b>J04</b>	Antimycobacterials	2,538	0.01	60,138	0.01
<b>J05</b>	Antivirals for Systemic Use	16,634	0.05	1,767,219	0.34
<b>J07</b>	Vaccines	121	0.00	1,008	0.00
<b>L</b>	<b>Antineoplastic and Immunomodulating Agents</b>	<b>152,124</b>	<b>0.47</b>	<b>4,356,108</b>	<b>0.85</b>
<b>L01</b>	Antineoplastic Agents	53,094	0.16	294,171	0.06
<b>L02</b>	Endocrine Therapy	67,634	0.21	2,773,271	0.54
<b>L04</b>	Immunosuppressive Agents	31,396	0.10	1,288,666	0.25

Table 20  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost</b>	<b>% of Scheme Total</b>
<b>M</b>	<b>Musculo-Skeletal System</b>	<b>2,163,095</b>	<b>6.70</b>	<b>37,652,876</b>	<b>7.32</b>
<b>M01</b>	Anti-inflammatory and Antirheumatic Products	1,483,778	4.59	25,475,464	4.95
<b>M02</b>	Topical Products for Joint and Muscular Pain	307,231	0.95	2,207,655	0.43
<b>M03</b>	Muscle Relaxants	31,346	0.10	906,858	0.18
<b>M04</b>	Antigout Preparations	115,249	0.36	854,172	0.17
<b>M05</b>	Drugs for treatment of Bone Diseases	225,438	0.70	8,200,544	1.59
<b>M09</b>	Other Drugs for Disorders of the Musculo-Skeletal System	53	0.00	8,183	0.00
<b>N</b>	<b>Nervous System</b>	<b>6,452,230</b>	<b>19.94</b>	<b>103,130,965</b>	<b>20.05</b>
<b>N01</b>	Anaesthetics	1,440	0.00	8,462	0.00
<b>N02</b>	Analgesics	1,596,707	4.94	12,543,207	2.45
<b>N03</b>	Anti-epileptics	449,225	1.39	9,309,713	1.81
<b>N04</b>	Anti-Parkinson Drugs	190,246	0.59	3,643,196	0.71
<b>N05</b>	Psycholeptics	2,664,505	8.23	33,509,312	6.51
<b>N06</b>	Psychoanaleptics	1,298,628	4.01	38,555,717	7.49
<b>N07</b>	Other Nervous System Drugs	251,479	0.78	5,561,358	1.08
<b>P</b>	<b>Antiparasitic Products</b>	<b>69,900</b>	<b>0.22</b>	<b>415,946</b>	<b>0.08</b>
<b>P01</b>	Antiprotozoals	35,843	0.11	184,112	0.04
<b>P02</b>	Anthelmintics	8,259	0.03	23,797	0.00
<b>P03</b>	Ectoparasiticides, incl. Scabicides	25,798	0.08	208,037	0.04

Table 20  
contd.

A.T.C. Class	Product Category	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
<b>R</b>	<b>Respiratory System</b>	<b>2,513,002</b>	<b>7.77</b>	<b>49,906,532</b>	<b>9.70</b>
R01	Nasal Preparations	153,131	0.47	1,702,323	0.33
R02	Throat Preparations	8,959	0.03	20,602	0.00
R03	Drugs for Obstructive Airway Diseases	1,885,846	5.83	45,416,858	8.83
R05	Cough and Cold Preparations	250,832	0.77	1,248,380	0.24
R06	Antihistamines for Systemic Use	212,796	0.67	1,486,291	0.30
R07	Other Respiratory System Products	1,438	0.00	32,078	0.00
<b>S</b>	<b>Sensory Organs</b>	<b>840,949</b>	<b>2.60</b>	<b>7,393,907</b>	<b>1.44</b>
S01	Ophthalmologicals	753,854	2.33	7,090,184	1.38
S02	Otologicals	42,477	0.13	184,878	0.04
S03	Ophthalmological and Otological Preparations	44,618	0.14	118,845	0.02
<b>V</b>	<b>Various</b>	<b>894,128</b>	<b>2.76</b>	<b>43,196,205</b>	<b>8.39</b>
V03	Medicinal Products	5,269	0.02	728,571	0.14
V04	Diagnostic Products	209,866	0.65	7,897,928	1.54
V06	Clinical Nutritional Products	309,087	0.95	22,651,788	4.40
V07	All Other Non-Therapeutic Products	369,906	1.14	11,917,918	2.31
	Needles/Syringes/Lancets	91,872	0.28	1,155,968	0.22
	Ostomy Requisites	69,900	0.22	7,495,690	1.46
	Urinary Requisites	33,646	0.11	2,141,492	0.41
	Dressings	24,272	0.07	891,450	0.17
	Miscellaneous	150,216	0.46	233,318	0.05
<b>TOTAL</b>		<b>32,373,799</b>	<b>100.00%</b>	<b>€14,481,920</b>	<b>100.00%</b>



**Table 20.1 DP : Distribution of Medicines and Appliances by Anatomical Therapeutic Chemical Classification**

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>A</b>	<b>Alimentary Tract and Metabolism</b>	<b>998,392</b>	<b>10.72</b>	<b>31,627,593</b>	<b>16.64</b>
<b>A01</b>	Stomatological Preparations	21,070	0.23	80,477	0.04
<b>A02</b>	Drugs for Acid Related Disorders	559,519	6.01	22,469,816	11.82
<b>A03</b>	Drugs for Functional Gastrointestinal Disorders	88,972	0.96	697,588	0.37
<b>A04</b>	Anti-emetics and Antinauseants	5,931	0.06	757,243	0.40
<b>A05</b>	Bile and Liver Therapy	4,460	0.05	263,466	0.14
<b>A06</b>	Laxatives	52,358	0.56	405,890	0.21
<b>A07</b>	Antidiarrhoeals, Intestinal Anti-inflammatory/ Anti-infective Agents	80,268	0.86	2,611,467	1.37
<b>A08</b>	Anti-obesity Preparations excluding Diet Products	44,112	0.47	2,868,240	1.51
<b>A09</b>	Digestives, including Enzymes	1,513	0.02	79,835	0.04
<b>A10</b>	Drugs Used in Diabetes	27,429	0.29	297,269	0.16
<b>A11</b>	Vitamins	12,444	0.13	204,118	0.11
<b>A12</b>	Mineral Supplements	100,267	1.08	890,601	0.47
<b>A14</b>	Anabolic Agents for Systemic Use	49	0.00	1,583	0.00
<b>B</b>	<b>Blood and Blood Forming Organs</b>	<b>583,154</b>	<b>6.26</b>	<b>4,384,162</b>	<b>2.30</b>
<b>B01</b>	Antithrombotic Agents	512,051	5.50	4,208,694	2.21
<b>B02</b>	Antihemorrhagics	3,628	0.04	44,948	0.02
<b>B03</b>	Anti-anemic Preparations	67,467	0.72	130,335	0.07
<b>B05</b>	Blood Substitutes and Perfusion Solutions	8	0.00	185	0.00

*Note:- The above costs are inclusive of the monthly payment of €70 payable to the Pharmacy by an individual or family.*

Table 20.1  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>C</b>	<b>Cardiovascular System</b>	<b>2,184,928</b>	<b>23.47</b>	<b>44,637,688</b>	<b>23.49</b>
<b>C01</b>	Cardiac Therapy	113,669	1.22	1,389,983	0.73
<b>C02</b>	Antihypertensives	72,351	0.78	2,056,947	1.08
<b>C03</b>	Diuretics	260,381	2.80	750,811	0.40
<b>C04</b>	Peripheral Vasodilators	4,842	0.05	86,884	0.05
<b>C05</b>	Vasoprotectives	35,701	0.38	215,934	0.11
<b>C07</b>	Beta Blocking Agents	405,771	4.36	3,421,955	1.80
<b>C08</b>	Calcium Channel Blockers	208,338	2.24	3,826,117	2.01
<b>C09</b>	Agents Acting on the Renin-Angiotensin System	513,913	5.52	10,616,300	5.59
<b>C10</b>	Serum Lipid Reducing Agents	569,962	6.12	22,272,757	11.72
<b>D</b>	<b>Dermatologicals</b>	<b>391,713</b>	<b>4.21</b>	<b>7,367,152</b>	<b>3.88</b>
<b>D01</b>	Antifungals for Dermatological Use	99,113	1.06	2,033,445	1.07
<b>D02</b>	Emollients and Protectives	21,529	0.23	82,350	0.04
<b>D03</b>	Preparations for Treatment of Wounds and Ulcers	203	0.00	11,136	0.00
<b>D04</b>	Antipruritics including Antihistamines, Anaesthetics, etc.	28	0.00	769	0.00
<b>D05</b>	Antipsoriatics	33,454	0.36	1,794,528	0.96
<b>D06</b>	Antibiotics and Chemotherapeutics for Dermatological Use	35,300	0.38	421,749	0.22
<b>D07</b>	Corticosteroids Dermatological Preparations	145,096	1.56	789,797	0.42
<b>D09</b>	Medicated Dressings	1,233	0.01	19,121	0.01
<b>D10</b>	Anti-Acne Preparations	43,522	0.48	1,445,092	0.76
<b>D11</b>	Other Dermatological Preparations	12,235	0.13	769,165	0.40
<b>G</b>	<b>Genito Urinary System and Sex Hormones</b>	<b>545,152</b>	<b>5.85</b>	<b>13,176,076</b>	<b>6.93</b>
<b>G01</b>	Gynecological Anti-infectives And Antiseptics	9,955	0.11	56,039	0.03
<b>G02</b>	Other Gynecologicals	11,557	0.12	1,218,430	0.64
<b>G03</b>	Sex Hormones and Modulators of the Genital System	416,714	4.47	8,206,048	4.32
<b>G04</b>	Urologicals	106,926	1.15	3,695,559	1.94

Table 20.1  
contd.

A.T.C. Class	Product Category	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
<b>H</b>	<b>Systemic Hormonal Preparations, Excl. Sex Hormones</b>	<b>302,409</b>	<b>3.25</b>	<b>1,035,524</b>	<b>0.55</b>
<b>H01</b>	Pituitary, Hypothalamic Hormones and Analogues	6,399	0.07	339,697	0.18
<b>H02</b>	Corticosteroids For Systemic Use	137,647	1.48	297,682	0.16
<b>H03</b>	Thyroid Therapy	158,171	1.70	391,264	0.21
<b>H04</b>	Pancreatic Hormones	90	0.00	2,874	0.00
<b>H05</b>	Calcium Homeostasis	102	0.00	4,007	0.00
<b>J</b>	<b>Anti-infectives for Systemic Use</b>	<b>661,183</b>	<b>7.10</b>	<b>9,685,311</b>	<b>5.10</b>
<b>J01</b>	Antibacterials for Systemic Use	613,888	6.59	7,226,981	3.81
<b>J02</b>	Antimycotics for Systemic Use	30,730	0.33	840,603	0.44
<b>J04</b>	Antimycobacterials	1,556	0.02	44,514	0.02
<b>J05</b>	Antivirals for Systemic Use	14,963	0.16	1,570,706	0.83
<b>J06</b>	Immune Sera and Immunoglobulins	18	0.00	2,331	0.00
<b>J07</b>	Vaccines	28	0.00	176	0.00
<b>L</b>	<b>Antineoplastic and Immunomodulating Agents</b>	<b>70,291</b>	<b>0.75</b>	<b>2,335,074</b>	<b>1.23</b>
<b>L01</b>	Antineoplastic Agents	26,568	0.28	154,104	0.08
<b>L02</b>	Endocrine Therapy	17,647	0.19	914,743	0.48
<b>L04</b>	Immunosuppressive Agents	26,076	0.28	1,266,227	0.67

Table 20.1  
Cont.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost</b>	<b>% of Scheme Total</b>
<b>M</b>	<b>Musculo-Skeletal System</b>	<b>685,221</b>	<b>7.36</b>	<b>13,213,281</b>	<b>6.95</b>
<b>M01</b>	Anti-inflammatory and Antirheumatic Products	496,071	5.33	9,394,912	4.94
<b>M02</b>	Topical Products for Joint and Muscular Pain	62,291	0.67	460,142	0.24
<b>M03</b>	Muscle Relaxants	5,836	0.06	137,421	0.07
<b>M04</b>	Antigout Preparations	42,057	0.45	356,303	0.19
<b>M05</b>	Drugs for treatment of Bone Diseases	78,927	0.85	2,857,119	1.51
<b>M09</b>	Other Drugs for Disorders of the Musculo-Skeletal System	39	0.00	7,384	0.00
<b>N</b>	<b>Nervous System</b>	<b>1,482,394</b>	<b>15.92</b>	<b>29,678,749</b>	<b>15.63</b>
<b>N01</b>	Anaesthetics	355	0.00	30,098	0.02
<b>N02</b>	Analgesics	335,727	3.60	4,054,135	2.13
<b>N03</b>	Anti-epileptics	67,240	0.72	1,819,616	0.96
<b>N04</b>	Anti-Parkinson Drugs	15,571	0.17	340,364	0.18
<b>N05</b>	Psycholeptics	549,903	5.91	6,954,891	3.66
<b>N06</b>	Psychoanaleptics	483,215	5.19	15,764,705	8.30
<b>N07</b>	Other Nervous System Drugs	30,383	0.33	714,940	0.38
<b>P</b>	<b>Antiparasitic Products</b>	<b>22,439</b>	<b>0.24</b>	<b>166,028</b>	<b>0.09</b>
<b>P01</b>	Antiprotozoals	19,203	0.21	139,107	0.08
<b>P02</b>	Anthelmintics	1,131	0.01	4,522	0.00
<b>P03</b>	Ectoparasiticides, incl. Scabicides	2,105	0.02	22,399	0.01

Table 20.1  
contd.

A.T.C. Class	Product Category	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
<b>R</b>	<b>Respiratory System</b>	<b>1,027,838</b>	<b>11.04</b>	<b>23,553,111</b>	<b>12.39</b>
R01	Nasal Preparations	120,090	1.29	1,588,197	0.84
R02	Throat Preparations	2,639	0.03	5,886	0.00
R03	Drugs for Obstructive Airway Diseases	764,442	8.21	20,861,047	10.98
R05	Cough and Cold Preparations	48,000	0.52	256,134	0.13
R06	Antihistamines for Systemic Use	92,544	0.99	839,175	0.44
R07	Other Respiratory System Products	123	0.00	2,672	0.00
<b>S</b>	<b>Sensory Organs</b>	<b>192,032</b>	<b>2.06</b>	<b>1,577,885</b>	<b>0.83</b>
S01	Ophthalmologicals	155,684	1.67	1,460,016	0.77
S02	Otologicals	13,928	0.15	66,480	0.03
S03	Ophthalmological and Otological Preparations	22,420	0.24	51,389	0.03
<b>V</b>	<b>Various</b>	<b>164,138</b>	<b>1.77</b>	<b>7,583,758</b>	<b>3.99</b>
V03	Medicinal Products	1,060	0.01	153,462	0.08
V04	Diagnostic Products	10,441	0.11	361,844	0.19
V06	Clinical Nutritional Products	79,713	0.86	3,261,101	1.72
V07	All Other Non-Therapeutic Products	72,924	0.79	3,807,351	2.00
	Ostomy Appliances	36,488	0.39	2,667,620	1.40
	Needles/Syringes/Lancets	12,162	0.13	57,189	0.03
	Dressings	10,021	0.11	317,278	0.17
	Urinary Appliances	8,123	0.09	724,649	0.38
	Miscellaneous	6,130	0.07	40,615	0.02
<b>TOTAL</b>		<b>9,311,284</b>	<b>100.00%</b>	<b>€190,021,392</b>	<b>100 .00%</b>

**Table 20.2 LTI : Distribution of Medicines and Appliances by Anatomical Therapeutic Chemical Classification**

<b>ATC Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>A</b>	<b>Alimentary Tract and Metabolism</b>	<b>415,271</b>	<b>28.37</b>	<b>11,453,154</b>	<b>27.16</b>
<b>A01</b>	Stomatological Preparations	916	0.06	5,101	0.01
<b>A02</b>	Drugs for Acid Related Disorders	8,274	0.57	349,841	0.82
<b>A03</b>	Drugs for Functional Gastrointestinal Disorders	1,512	0.11	19,891	0.05
<b>A04</b>	Anti-emetics and Antinauseants	419	0.03	45,085	0.11
<b>A05</b>	Bile and Liver Therapy	761	0.05	37,304	0.09
<b>A06</b>	Laxatives	6,413	0.44	54,864	0.13
<b>A07</b>	Antidiarrhoeals, Intestinal Anti-inflammatory/ Anti-infective Agents	795	0.05	28,409	0.07
<b>A08</b>	Anti-obesity Preparations excluding Diet Products	1,391	0.10	94,027	0.22
<b>A09</b>	Digestives, including Enzymes	8,473	0.58	926,302	2.20
<b>A10</b>	Drugs Used in Diabetes	366,154	25.01	9,469,302	22.46
<b>A11</b>	Vitamins	16,308	1.11	251,342	0.60
<b>A12</b>	Mineral Supplements	2,444	0.17	23,188	0.05
<b>A13</b>	Tonics	18	0.00	153	0.00
<b>A14</b>	Anabolic Agents for Systemic Use	12	0.00	1,167	0.00
<b>A16</b>	Other Alimentary Tract And Metabolism Products	1,381	0.09	147,178	0.35
<b>B</b>	<b>Blood and Blood Forming Organs</b>	<b>83,941</b>	<b>5.73</b>	<b>467,041</b>	<b>1.11</b>
<b>B01</b>	Antithrombotic Agents	75,194	5.14	415,478	0.98
<b>B02</b>	Antihemorrhagics	267	0.02	3,131	0.01
<b>B03</b>	Anti-anemic Preparations	8,052	0.54	36,370	0.09
<b>B05</b>	Blood Substitutes and Perfusion Solutions	428	0.03	12,062	0.03

Table 20.2  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>C</b>	<b>Cardiovascular System</b>	<b>317,333</b>	<b>21.68</b>	<b>7,179,044</b>	<b>17.03</b>
<b>C01</b>	Cardiac Therapy	8,914	0.62	97,891	0.25
<b>C02</b>	Antihypertensives	13,686	0.93	432,665	1.03
<b>C03</b>	Diuretics	25,420	1.74	94,634	0.22
<b>C04</b>	Peripheral Vasodilators	641	0.04	14,316	0.03
<b>C05</b>	Vasoprotectives	205	0.01	1,215	0.00
<b>C07</b>	Beta Blocking Agents	38,507	2.63	335,090	0.79
<b>C08</b>	Calcium Channel Blockers	29,560	2.02	587,787	1.39
<b>C09</b>	Agents Acting on the Renin-Angiotensin System	113,671	7.77	2,266,665	5.38
<b>C10</b>	Serum Lipid Reducing Agents	86,729	5.92	3,348,781	7.94
<b>D</b>	<b>Dermatologicals</b>	<b>6,264</b>	<b>0.43</b>	<b>59,486</b>	<b>0.14</b>
<b>D01</b>	Antifungals for Dermatological Use	1,790	0.13	17,993	0.04
<b>D02</b>	Emollients and Protectives	1,326	0.09	8,307	0.02
<b>D03</b>	Preparations for Treatment of Wounds and Ulcers	37	0.00	2,811	0.01
<b>D04</b>	Antipruritics including Antihistamines, Anaesthetics, etc.	90	0.01	2,109	0.01
<b>D05</b>	Antipsoriatics	211	0.01	8,228	0.02
<b>D06</b>	Antibiotics and Chemotherapeutics for Dermatological Use	584	0.04	4,468	0.01
<b>D07</b>	Corticosteroids Dermatological Preparations	1,243	0.08	5,718	0.01
<b>D08</b>	Antiseptics and Disinfectants	450	0.03	2,987	0.01
<b>D10</b>	Anti-Acne Preparations	75	0.01	974	0.00
<b>D11</b>	Other Dermatological Preparations	458	0.03	5,891	0.01
<b>G</b>	<b>Genito Urinary System and Sex Hormones</b>	<b>10,833</b>	<b>0.74</b>	<b>345,821</b>	<b>0.82</b>
<b>G01</b>	Gynecological Anti-infectives And Antiseptics	143	0.01	24,268	0.06
<b>G02</b>	Other Gynecologicals	69	0.00	9,219	0.02
<b>G03</b>	Sex Hormones and Modulators of the Genital System	2,293	0.16	24,735	0.06
<b>G04</b>	Urologicals	8,328	0.57	287,599	0.68

Table 20.2  
contd.

A.T.C. Class	Product Category	Prescribing Frequency	% of Scheme Total	Ingredient Cost €	% of Scheme Total
<b>H</b>	<b>Systemic Hormonal Preparations, Excl. Sex Hormones</b>	<b>18,254</b>	<b>1.25</b>	<b>328,932</b>	<b>0.78</b>
H01	Pituitary, Hypothalamic Hormones and Analogues	1,908	0.13	113,832	0.27
H02	Corticosteroids For Systemic Use	3,460	0.24	19,376	0.05
H03	Thyroid Therapy	7,010	0.48	19,281	0.05
H04	Pancreatic Hormones	5,858	0.40	173,427	0.40
H05	Calcium Homeostasis	18	0.00	3,016	0.01
<b>J</b>	<b>Anti-infectives for Systemic Use</b>	<b>21,069</b>	<b>1.44</b>	<b>1,070,169</b>	<b>2.54</b>
J01	Antibacterials for Systemic Use	19,982	1.37	999,518	2.37
J02	Antimycotics for Systemic Use	606	0.04	30,978	0.08
J04	Antimycobacterials	168	0.01	4,805	0.01
J05	Antivirals for Systemic Use	258	0.02	26,649	0.06
J06	Immune Sera and Immunoglobulins	2	0.00	7,773	0.02
J07	Vaccines	53	0.00	446	0.00
<b>L</b>	<b>Antineoplastic and Immunomodulating Agents</b>	<b>1,817</b>	<b>0.12</b>	<b>48,349</b>	<b>0.11</b>
L01	Antineoplastic Agents	1,256	0.09	21,637	0.05
L02	Endocrine Therapy	180	0.00	9,645	0.02
L04	Immunosuppressive Agents	381	0.03	17,067	0.04



Table 20.2  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>M</b>	<b>Musculo-Skeletal System</b>	<b>12,897</b>	<b>0.88</b>	<b>348,749</b>	<b>0.83</b>
<b>M01</b>	Anti-inflammatory and Antirheumatic Products	4,940	0.34	75,699	0.19
<b>M02</b>	Topical Products for Joint and Muscular Pain	505	0.03	4,745	0.01
<b>M03</b>	Muscle Relaxants	5,104	0.35	220,570	0.52
<b>M04</b>	Antigout Preparations	1,067	0.07	8,887	0.02
<b>M05</b>	Drugs for treatment of Bone Diseases	1,039	0.07	37,805	0.09
<b>M09</b>	Other Drugs for Disorders of the Musculo-Skeletal System	242	0.02	1,043	0.00
<b>N</b>	<b>Nervous System</b>	<b>233,495</b>	<b>15.95</b>	<b>6,788,593</b>	<b>16.10</b>
<b>N01</b>	Anaesthetics	262	0.02	5,318	0.01
<b>N02</b>	Analgesics	10,742	0.73	71,495	0.17
<b>N03</b>	Anti-epileptics	175,104	11.95	4,467,726	10.60
<b>N04</b>	Anti-Parkinson Drugs	24,982	1.71	1,799,752	4.26
<b>N05</b>	Psycholeptics	13,403	0.92	150,305	0.36
<b>N06</b>	Psychoanaleptics	8,138	0.56	258,148	0.61
<b>N07</b>	Other Nervous System Drugs	864	0.06	35,849	0.09
<b>P</b>	<b>Antiparasitic Products</b>	<b>157</b>	<b>0.01</b>	<b>1,885</b>	<b>0.00</b>
<b>P01</b>	Antiprotozoals	117	0.01	1,522	0.00
<b>P02</b>	Anthelmintics	9	0.00	21	0.00
<b>P03</b>	Ectoparasiticides, incl. Scabicides	31	0.00	342	0.00

Table 20.2  
contd.

<b>A.T.C. Class</b>	<b>Product Category</b>	<b>Prescribing Frequency</b>	<b>% of Scheme Total</b>	<b>Ingredient Cost €</b>	<b>% of Scheme Total</b>
<b>R</b>	<b>Respiratory System</b>	<b>13,112</b>	0.90	<b>277,244</b>	<b>0.66</b>
<b>R01</b>	Nasal Preparations	1,365	0.09	17,061	0.04
<b>R02</b>	Throat Preparations	31	0.00	112	0.00
<b>R03</b>	Drugs for Obstructive Airway Diseases	9,370	0.65	240,080	0.57
<b>R05</b>	Cough and Cold Preparations	957	0.07	6,673	0.02
<b>R06</b>	Antihistamines for Systemic Use	1,389	0.09	13,318	0.03
<b>S</b>	<b>Sensory Organs</b>	<b>4,539</b>	0.28	<b>54,445</b>	<b>0.13</b>
<b>S01</b>	Ophthalmologicals	4,182	0.28	53,267	0.13
<b>S02</b>	Otologicals	116	0.01	575	0.00
<b>S03</b>	Ophthalmological and Otological Preparations	241	0.02	603	0.00
<b>V</b>	<b>Various</b>	<b>432,913</b>	22.19	<b>15,995,918</b>	<b>32.59</b>
<b>V03</b>	Medicinal Products	98	0.01	12,589	0.03
<b>V04</b>	Diagnostic Products	187,394	12.80	8,480,917	20.11
<b>V06</b>	Clinical Nutritional Products	29,217	2.00	2,990,970	7.10
<b>V07</b>	All Other Non-Therapeutic Products:	108,102	7.38	2,255,721	5.35
	Needles/Syringes/Lancets/Swabs	91,381	6.24	1,284,410	3.05
	Urinary Appliances	4,456	0.30	388,270	0.92
	Dressings	2,750	0.19	72,624	0.17
	Nutritional/Ancillary Devices	1,550	0.11	291,783	0.69
	Ostomy Appliances	991	0.07	93,059	0.22
	Miscellaneous	6,974	0.47	125,575	0.30
<b>TOTAL</b>		<b>1,463,793</b>	<b>100.00%</b>	<b>€42,163,109</b>	<b>100.00%</b>

**Table 21 GMS: Average Payment to Doctors in Panel Ranges**

Health Board	Average Panel Ranges in 2003													
	0-100		101-250		251-500		501-1,000		1,001-1,500		1,501-2,000		2,001 and Over	
	€		€		€		€		€		€		€	
East Coast Area	17,435	(26)	70,084	(35)	127,750	(39)	206,085	(61)	292,793	(6)	-	-	-	-
South Western Area	11,234	(27)	54,818	(30)	95,897	(43)	156,103	(75)	248,075	(43)	254,698	(6)	340,840	(2)
Northern Area	20,079	(15)	52,423	(19)	94,487	(44)	161,279	(62)	234,754	(33)	280,044	(10)	-	-
Midland	54,497	(6)	48,932	(8)	100,189	(15)	185,672	(47)	244,261	(23)	-	-	-	-
Mid-Western	20,568	(11)	64,188	(15)	104,682	(34)	171,596	(73)	256,378	(18)	254,657	(4)	-	-
North Eastern	5,179	(5)	48,142	(16)	85,305	(21)	165,119	(75)	235,757	(27)	293,080	(1)	-	-
North Western	30,044	(6)	44,418	(9)	97,199	(15)	173,199	(48)	250,707	(33)	307,905	(7)	-	-
South Eastern	16,202	(7)	57,216	(17)	105,817	(35)	179,360	(107)	266,947	(29)	324,406	(5)	-	-
Southern	14,590	(30)	50,474	(31)	98,757	(79)	171,462	(126)	267,587	(36)	390,240	(2)	337,286	(1)
Western	26,169	(16)	51,356	(26)	92,239	(46)	182,513	(93)	276,368	(31)	388,983	(2)	-	-
NATIONAL 2003	€ 18,705	(149)	€ 55,779	(206)	€ 100,601	(371)	€ 174,704	(767)	€ 254,425	(279)	€ 296,653	(37)	€ 339,655	(3)
NATIONAL 2002	€ 15,397	(96)	€ 47,155	(217)	€ 87,090	(322)	€ 155,275	(770)	€ 231,504	(311)	€ 273,585	(55)	€ 338,736	(3)

Note: (i) Doctors not in the GMS Scheme for the full year have been excluded from the above table.

(ii) The number of doctors in each range is shown in brackets.

(iii) The average payment to doctors in each panel range is the gross payments divided by the number of doctors in that range.

**Table 21.1 GMS: Number of Doctors in Payment Ranges**

2003 (2002 in brackets).

Health Board	Up to €30,000	€30,001 - €60,000	€60,001 - €90,000	€90,001- €120,000	€120,001 - €150,000	€150,001 - €180,000	€180,001- €210,000	€210,001- €240,000	€240,001- €270,000	€270,001 and Over
East Coast Area	21 (25)	26 (32)	19 (20)	20 (21)	15 (13)	13 (22)	17 (15)	11 (4)	12 (7)	13 (7)
South Western	30 (25)	24 (24)	21 (21)	33 (29)	24 (26)	26 (29)	20 (22)	17 (9)	16 (12)	15 (15)
Northern Area	14 (17)	24 (17)	18 (19)	26 (29)	20 (22)	20 (17)	22 (20)	15 (16)	10 (8)	14 (14)
Midland	6 (6)	4 (9)	10 (8)	8 (7)	9 (10)	11 (11)	15 (16)	18 (11)	13 (14)	5 (6)
Mid-Western	11 (14)	9 (10)	17 (18)	23 (24)	27 (24)	14 (17)	23 (22)	11 (12)	9 (5)	11 (10)
North Eastern	7 (5)	13 (15)	16 (15)	13 (14)	16 (16)	27 (29)	27 (19)	11 (14)	7 (6)	8 (8)
North Western	4 (4)	12 (7)	8 (11)	7 (9)	7 (11)	18 (17)	23 (18)	13 (13)	13 (16)	13 (8)
South Eastern	8 (10)	10 (13)	19 (16)	20 (26)	28 (28)	30 (30)	24 (19)	27 (24)	14 (14)	20 (19)
Southern	30 (22)	32 (33)	35 (33)	38 (40)	43 (39)	29 (35)	38 (36)	28 (29)	11 (8)	21 (16)
Western	16 (22)	28 (26)	25 (23)	13 (17)	29 (22)	23 (27)	28 (25)	17 (18)	12 (15)	23 (21)
NATIONAL	147 (150)	182 (186)	188 (184)	201 (216)	218 (211)	211 (234)	237 (212)	168 (150)	117 (105)	143 (124)

Note: (i) Doctors not in the GMS Scheme for the full year have been excluded from the above table.

(ii) Above table relates to the payments listed in Table 3.

**Table 22 GMS: Number of Pharmacists in Dispensing Fee Ranges**

2003 (2002 in brackets).

Health Board	Up to €20,000	€20,001- €40,000	€40,001- €60,000	€60,001- €80,000	€80,001- €100,000	€100,001- €120,000	€120,001- €140,000	€140,001- €160,000	€160,001- €180,000	€180,001- €200,000	€200,001- €220,000	€220,001- €240,000	€240,001 and over
East Coast Area	7 (6)	9 (14)	17 (22)	16 (18)	11 (12)	11 (9)	9 (7)	2 (2)	2 (3)	3 (2)	1 (1)	- (1)	2 (1)
South Western Area	11 (14)	18 (17)	16 (24)	21 (22)	13 (16)	14 (16)	10 (9)	6 (8)	8 (7)	7 (4)	3 -	1 -	2 (1)
Northern Area	5 (9)	9 (17)	12 (16)	13 (15)	16 (21)	13 (11)	6 (6)	4 (4)	2 (2)	4 (4)	1 (2)	2 (1)	7 -
Midland	2 (1)	6 (2)	3 (6)	4 (7)	10 (12)	7 (12)	13 (8)	6 (4)	4 (4)	4 -	2 (1)	2 (1)	1 -
Mid-Western	3 (6)	14 (15)	11 (21)	21 (25)	16 (14)	13 (15)	7 (7)	10 (6)	6 (3)	1 (3)	1 -	1 (1)	-
North Eastern	3 (4)	5 (12)	10 (11)	10 (16)	19 (24)	14 (8)	7 (11)	7 (4)	3 (4)	4 (1)	2 (1)	1 (4)	3 (2)
North Western	3 (3)	5 (7)	5 (6)	9 (13)	8 (7)	6 (7)	4 (5)	6 (3)	2 (3)	2 (7)	7 -	1 (1)	2 (2)
South Eastern	2 (1)	6 (13)	12 (13)	15 (19)	16 (22)	20 (21)	13 (13)	15 (13)	5 (3)	9 (1)	1 (3)	2 -	4 (1)
Southern	7 (5)	10 (21)	27 (42)	26 (30)	34 (24)	18 (17)	16 (11)	6 (12)	10 (5)	4 (6)	2 (2)	3 (1)	6 -
Western	3 (2)	8 (14)	15 (23)	21 (21)	17 (19)	13 (9)	11 (8)	7 (10)	7 (8)	9 (2)	2 (2)	3 (2)	1 -
NATIONAL	46 (51)	90 (132)	128 (184)	156 (186)	160 (171)	129 (125)	96 (85)	69 (66)	49 (42)	47 (30)	22 (12)	16 (12)	28 (7)

Note: (i) Pharmacies that entered or left the Scheme during the year are not included in the above table.

**Table 23 DP: Number of Eligible Persons and Number and Cost of Pharmacists Claims**

Health Board	*Number of Persons Covered	Average Number of Claimants	Number of Items	Cost per Item €	Gross Cost €	Gross Cost per Claimant €	Paid by Board €
Eastern Boards	471,935	78,733	3,716,433	34.82	129,391,957	1,643.42	85,149,956
Midland	81,671	11,451	543,798	32.32	17,577,098	1,535.02	11,346,531
Mid-Western	139,114	18,748	840,586	33.32	28,009,007	1,493.82	18,021,345
North Eastern	122,112	18,303	810,950	32.16	26,076,849	1,424.69	16,470,245
North Western	66,744	7,184	338,042	34.41	11,633,654	1,619.37	7,563,064
South Eastern	146,403	21,724	970,610	31.84	30,900,249	1,422.59	19,347,490
Southern	243,202	32,473	1,413,965	34.32	48,532,429	1,494.53	31,093,567
Western	125,632	15,449	676,900	35.03	23,710,590	1,534.75	15,430,499
NATIONAL 2003	1,396,813	204,065	9,311,284	€33.92	315,831,833	€1,547.70	€204,422,697
NATIONAL 2002	1,319,395	205,578	9,062,935	€31.72	287,489,276	€1,398.44	€192,366,168

Note: \* As at 31st December 2003

**Table 23.1 DP: Number of Pharmacists in Dispensing Fee/Mark-Up Ranges**

2003 (2002 in brackets)

Health Board	Up to €20,000	€20,001 - €40,000	€40,001- €60,000	€60,001- €80,000	€80,001- €100,000	€100,001- €120,000	€120,001- €140,000	€140,001- €160,000	€160,001- €180,000	€180,001- €200,000	€200,001- €220,000	€220,001- €240,000	€240,001 and over
East Coast Area	9 (6)	20 (22)	15 (22)	17 (18)	14 (16)	6 (5)	3 (4)	1 (1)	1 (2)	3 (1)	-	1 (1)	-
South Western Area	14 (9)	28 (32)	26 (25)	15 (19)	18 (23)	7 (9)	8 (6)	7 (7)	2 (3)	2 (2)	-	-	3 (4)
Northern Area	7 (7)	15 (22)	21 (24)	13 (17)	9 (13)	9 (5)	5 (6)	4 (5)	5 (6)	3 (3)	2 (1)	1 -	-
Midland	5 (3)	19 (18)	16 (14)	6 (8)	8 (6)	5 (5)	3 (2)	1 -	-	1 (1)	-	- (1)	-
Mid-Western	19 (19)	23 (29)	21 (29)	24 (18)	8 (11)	3 (4)	3 (1)	1 (1)	1 (3)	1 -	-	-	-
North Eastern	9 (14)	26 (25)	19 (26)	10 (9)	6 (8)	7 (7)	6 (6)	5 (4)	-	-	-	-	-
North Western	18 (20)	18 (18)	10 (11)	7 (7)	1 (4)	3 (1)	- (1)	1 -	- (1)	1 -	-	-	-
South Eastern	12 (12)	35 (38)	36 (35)	14 (18)	7 (7)	12 (9)	2 (1)	-	-	1 (1)	1 (1)	-	-
Southern	17 (20)	54 (60)	39 (33)	27 (31)	15 (12)	7 (10)	3 (4)	2 (3)	- (1)	1 (2)	3 (1)	1 (2)	-
Western	29 (35)	35 (36)	21 (19)	17 (16)	8 (8)	5 (3)	1 (2)	-	1 (1)	-	-	-	-
NATIONAL	139 (145)	273 (300)	224 (238)	150 (161)	94 (108)	64 (58)	34 (33)	22 (21)	10 (17)	13 (10)	6 (3)	3 (4)	3 (4)

Note: (i) Pharmacies that entered or left the Scheme during the year are not included in the above table.

(ii) The above figures do not include the monthly co-payment of €70 paid by an individual or family to the pharmacist.

**Table 24 LTI: Number of Eligible Persons and Number and Cost of Pharmacists Claims**

Health Board	*Number of Eligible Persons	Average Number of Claimants	Number of Items	Cost per Item €	Total Cost €	Cost per Claimant €
Eastern Boards	46,576	13,707	641,742	50.54	32,436,442	2,366.46
Midland	4,607	1,891	83,255	49.78	4,144,489	2,191.31
Mid-Western	6,521	2,715	115,206	46.05	5,305,538	1,954.16
North Eastern	6,410	2,690	124,709	47.46	5,919,072	2,200.67
North Western	4,769	1,663	72,775	53.39	3,885,368	2,334.14
South Eastern	8,235	3,467	153,650	49.89	7,666,063	2,211.42
Southern	13,793	4,222	182,709	48.82	8,919,596	2,112.65
Western	6,273	2,365	89,747	56.51	5,071,683	2,144.47
NATIONAL 2003	97,184	32,720	1,463,793	50.11	73,348,251	2,241.69
NATIONAL 2002	92,745	31,422	1,280,110	48.15	61,635,841	1,961.55

Note: \* As at 31st December 2003.



**Table 24.1 LTI: Number of Pharmacists in Dispensing Fee/Mark-Up Ranges**

2003 (2002 in brackets)

Health Board	Up to €10,000		€10,001 - €20,000		€20,001- €30,000		€30,001- €40,000		€40,001- €50,000		€50,001 - €60,000		€60,001 and over	
East Coast Area	13	(21)	31	(26)	14	(27)	15	(15)	7	(4)	4	(2)	5	(2)
South Western Area	26	(27)	39	(44)	23	(27)	17	(27)	12	(7)	6	(4)	6	(3)
Northern Area	13	(23)	20	(31)	26	(29)	15	(10)	9	(7)	3	(5)	7	(3)
Midland	10	(16)	21	(26)	21	(11)	8	(4)	2	-	2	(1)	-	
Mid-Western	44	(55)	40	(39)	11	(12)	5	(5)	1	(4)	1	-	2	-
North Eastern	24	(35)	26	(29)	18	(23)	11	(5)	2	(1)	3	(2)	2	(2)
North Western	16	(22)	18	(18)	15	(14)	5	(5)	2	(1)	-		2	(2)
South Eastern	33	(35)	39	(45)	29	(24)	7	(12)	8	(3)	-	(2)	3	(1)
Southern	64	(76)	62	(63)	23	(24)	11	(10)	7	(5)	-		1	-
Western	49	(64)	46	(39)	16	(14)	3	(1)	1	(-)	-		1	(1)
<b>NATIONAL</b>	<b>292</b>	<b>(374)</b>	<b>342</b>	<b>(360)</b>	<b>196</b>	<b>(205)</b>	<b>97</b>	<b>(94)</b>	<b>51</b>	<b>(32)</b>	<b>19</b>	<b>(16)</b>	<b>29</b>	<b>(14)</b>

Note: (i) Pharmacies that entered or left the Scheme during the year are not included in the above table.

**Table 25****EEA: Number and Cost of Pharmacists Claims**

Health Board	Number of Items	Cost per Item	Total Cost
		€	€
East Coast Area	2,888	18.55	53,591
South Western Area	4,167	19.83	82,625
Northern Area	2,685	19.76	53,062
Midland	3,439	20.20	69,476
Mid-Western	7,371	20.42	150,484
North Eastern	5,236	22.30	116,743
North Western	11,177	21.14	236,322
South Eastern	8,722	20.46	178,472
Southern	16,327	21.68	354,045
Western	13,725	22.13	303,698
NATIONAL 2003	75,737	€21.11	€1,598,518
NATIONAL 2002	75,521	€20.44	€1,543,545

**Table 26 DTS: Number of Treatments**

Health Board	Above the Line	Below the Line	Total
Eastern Boards	270,623	29,269	299,892
Midland	52,455	7,789	60,244
Mid-Western	78,708	9,178	87,886
North Eastern	79,824	10,399	90,223
North Western	71,213	5,395	76,608
South Eastern	111,082	14,584	125,666
Southern	179,102	17,609	196,711
Western	117,335	14,896	132,231
NATIONAL 2003	960,342	109,119	1,069,461
NATIONAL 2002	893,205	109,578	1,002,783

**Table 26.1 DTS: Number of Dentists in Payment Ranges**

2003(2002 in brackets)

Health Board	Up to €10,000	€10,001- €20,000	€20,001- €30,000	€30,001- €40,000	€40,001- €50,000	€50,001- €60,000	€60,001- €70,000	€70,001- €80,000	€80,001- €90,000	€90,001- €100,000	€100,001- €110,000	€110,001- €120,000	€120,001 and over
Eastern Boards	32 (49)	37 (39)	29 (33)	23 (29)	23 (24)	27 (17)	18 (14)	18 (16)	10 (12)	5 (5)	7 (2)	9 (7)	14 (9)
Midland	8 (11)	3 (4)	3 (4)	3 (3)	4 (5)	6 (6)	2 (5)	5 (2)	5 (5)	2 (2)	2 (1)	4 -	2 (3)
Mid-Western	9 (10)	7 (9)	11 (13)	12 (11)	8 (8)	12 (7)	4 (4)	- (2)	2 -	2 (2)	2 -	- (5)	9 (6)
North Eastern	26 (31)	9 (8)	6 (7)	10 (6)	5 (9)	6 (7)	4 (5)	7 (3)	5 (8)	7 (4)	4 (2)	1 (1)	2 (1)
North Western	4 (12)	1 (2)	5 (6)	1 (2)	4 (1)	2 (2)	3 (4)	2 (3)	2 (1)	2 (5)	1 (2)	2 (1)	9 (8)
South Eastern	9 (13)	4 (6)	10 (6)	8 (9)	8 (6)	9 (10)	14 (10)	9 (8)	4 (6)	5 (5)	- (3)	5 (3)	8 (5)
Southern	30 (27)	22 (21)	28 (27)	33 (24)	20 (21)	19 (23)	15 (16)	11 (9)	8 (3)	3 (1)	4 (5)	3 (3)	7 (11)
Western	21 (22)	4 (7)	4 (5)	5 (1)	4 (7)	8 (4)	7 (4)	5 (9)	2 (5)	6 (3)	5 (4)	4 (4)	15 (13)
NATIONAL	139 (175)	87 (96)	96 (101)	95 (85)	76 (81)	89 (76)	67 (62)	57 (52)	38 (40)	32 (27)	25 (19)	28 (24)	66 (56)

Note: Dentists who entered or left the Scheme during the year are not included in the above table.

**Table 27 Health Board Community Ophthalmic Services Scheme**

Health Board	Number of Treatments	Payments
		€
Eastern Boards	104,527	3,861,993
Midland	20,757	772,690
Mid-Western	33,635	1,257,660
North Eastern	26,661	966,087
North Western	29,571	1,054,248
South Eastern	59,628	2,181,342
Southern	60,517	2,228,383
Western	38,177	1,397,178
NATIONAL 2003	373,473	13,719,581
NATIONAL 2002	397,578	13,940,154

**Table 28 GMS: Investment in General Practice Development**

Health Board	2003	2002
	€	€
Eastern Boards	3,209,597	4,791,471
Midland	436,378	441,139
Mid-Western	712,419	759,540
North Eastern	840,431	1,469,754
North Western	2,257,824	3,890,460
South Eastern	993,368	2,349,720
Southern	2,022,109	1,744,984
Western	2,659,733	2,128,484
NATIONAL	€ 13,131,859	€17,575,552

*Note: The above are payments from the Indicative Drug Target Savings .*

*Included in this figure in an amount of €220,777 in respect of Research & Education for 2003.*